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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : CON ED UTEN MOUNT VERNON, NY

CDM SMITH

110 Fieldcrest Ave

Raritan Center

Edison, NJ - 08837

Phone No: 732-225-7000

ORDER ID : Q1914

ATTENTION : Marcie Ann Encinas

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1914

Project ID : Con Ed UTEN Mount Vernon, NY

Client : CDM Smith

Lab Sample Number	Client Sample Number
Q1914-01	SS-1
Q1914-02	SS-91
Q1914-03	SS-2
Q1914-04	SS-3
Q1914-05	SS-4
Q1914-06	SS-5
Q1914-07	SS-6
Q1914-08	SS-7
Q1914-09	SS-8
Q1914-10	SS-8MS
Q1914-11	SS-8MSD
Q1914-12	SS-9
Q1914-14	FB04282025

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 3:48 pm, May 15, 2025

Date: 5/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

CDM Smith
Project Name: Con Ed UTEN Mount Vernon, NY
Project # N/A
Order ID # Q1914
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 04/29/2025.
1 Water sample was received on 04/29/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group3 and VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group3 was based on method 8260D.

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

The Surrogate recoveries met the acceptable criteria except for SS-8 [4-Bromofluorobenzene - 447%, Toluene-d8 - 208%], SS-8MS [4-Bromofluorobenzene - 518%, Toluene-d8 - 225%], SS-8MSD [4-Bromofluorobenzene - 336% and Toluene-d8 - 154%],MS and MSD surrogate failure confirm with parent sample.

The Internal Standards Areas met the acceptable requirements except for SS-6, SS-8,Due to high concentration of compounds, these samples required dilution. Therefore, samples were reanalyzed with dilution and reported.

The Retention Times were acceptable for all samples.

The MS {Q1914-10MS} with File ID: VY022115.D recoveries met the requirements for all compounds except for 1,2,4-Trimethylbenzene[732%], 1,3,5-Trimethylbenzene[707%], Ethyl Benzene[1566%], Isopropylbenzene[202%], n-Butylbenzene[202%], N-propylbenzene[379%], Sec-butylbenzene[227%], m/p-Xylenes [2399%], o-Xylene [4040%] and Toluene[455%],due to bad Sample matrix interference.

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The MSD {Q1914-11MSD} with File ID: VY022116.D recoveries met the acceptable requirements except for 1,2,4-Trimethylbenzene[343%], 1,3,5-Trimethylbenzene[314%], Ethyl Benzene[914%], Isopropylbenzene[-257%], n-Butylbenzene[0%], N-propylbenzene[0%], p-Isopropyltoluene[0%], Sec-butylbenzene[-57%], m/p-Xylenes [1857%], o-Xylene [2857%] and Toluene[-571%],due to bad sample matrix interference.

The RPD for {Q1914-11MSD} with File ID: VY022116.D met criteria except for 1,2,4-Trimethylbenzene[72%], 1,3,5-Trimethylbenzene[77%], Benzene[24%], Ethyl Benzene[53%], Isopropylbenzene[1669%], Sec-butylbenzene[334%], tert-Butylbenzene[34%], m/p-Xylenes[25%], o-Xylene[34%], N-propylbenzene [200%],p-Isopropyltoluene [200%], n-Butylbenzene [200%] and Toluene[1769%],due to difference in results of MS and MSD.

The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID VX045985.D met the requirements except for n-Butylbenzene is failing high but no positive hit in associated sample therefore no corrective action taken.

The Tuning criteria met requirements.

Samples SS-5, SS-6, SS-6ME, SS-7, SS-8 and SS-8ME were diluted due to high concentrations.

Sample SS-7 analyzed at straight medium level as sample was bad and highly contaminated and required further dilution analysis therefore as a precautionary measure no low level analysis performed for the sample.

E. Additional Comments:
This Data package has been revised due to data package type changed as per client request.

The Sample #SS-6MEDL, SS-7DL have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

Trip Blank was not provided with this set of samples.
The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

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for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 3:50 pm, May 15, 2025

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

ALLIANCE 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012: NEW YORK LAB ID#: 11376

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q1914 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 VX045985.D met the requirements except for n-Butylbenzene is failing high but no positive hit in associated sample therefore no corrective action taken.			✓
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries met the acceptable criteria except for SS-8 [4-Bromofluorobenzene - 447%, Toluene-d8 - 208%], SS-8MS [4-Bromofluorobenzene - 518%, Toluene-d8 - 225%], SS-8MSD [4-Bromofluorobenzene - 336% and Toluene-d8 - 154%],MS and MSD surrogate failure confirm with parent sample.		✓	

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

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

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

The MS {Q1914-10MS} with File ID: VY022115.D recoveries met the requirements for all compounds except for 1,2,4-Trimethylbenzene[732%], 1,3,5-Trimethylbenzene[707%], Ethyl Benzene[1566%], Isopropylbenzene[202%], n-Butylbenzene[202%], N-propylbenzene[379%], Sec-butylbenzene[227%], m/p-Xylenes [2399%], o-Xylene [4040%] and Toluene[455%],due to bad Sample matrix interference.

The MSD {Q1914-11MSD} with File ID: VY022116.D recoveries met the acceptable requirements except for 1,2,4-Trimethylbenzene[343%], 1,3,5-Trimethylbenzene[314%], Ethyl Benzene[914%], Isopropylbenzene[-257%], n-Butylbenzene[0%], N-propylbenzene[0%], p-Isopropyltoluene[0%], Sec-butylbenzene[-57%], m/p-Xylenes [1857%], o-Xylene [2857%] and Toluene[-571%],due to bad sample matrix interference.

The RPD for {Q1914-11MSD} with File ID: VY022116.D met criteria except for 1,2,4-Trimethylbenzene[72%], 1,3,5-Trimethylbenzene[77%], Benzene[24%], Ethyl Benzene[53%], Isopropylbenzene[1669%], Sec-butylbenzene[334%], tert-Butylbenzene[34%], m/p-Xylenes[25%], o-Xylene[34%], N-propylbenzene [200%],p-Isopropyltoluene [200%], n-Butylbenzene [200%] and Toluene[1769%],due to difference in results of MS and MSD.

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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

Comments: The Internal Standards Areas met the acceptable requirements except for SS-6, SS-8,Due to high concentration of compounds, these samples required dilution. Therefore, samples were reanalyzed with dilution and reported.

10.	Analysis Holding Time Met			✓

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

ADDITIONAL COMMENTS:

This Data package has been revised due to data package type changed as per client request.

The Sample #SS-6MEDL, SS-7DL have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

Samples SS-5, SS-6, SS-6ME, SS-7, SS-8 and SS-8ME were diluted due to high concentrations.

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

NA NO YES

Sample SS-7 analyzed at straight medium level as sample was bad and highly contaminated and required further Dilution analysis therefore as a precautionary measure no low level analysis performed for the sample.

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

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

QA REVIEW

REVIEWED
By Sohil Jodhani, QA/QC Director at 3:33 pm, May 15, 2025

Date

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1914

	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:** 05/15/2025

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LAB CHRONICLE

OrderID:	Q1914	**OrderDate:**	4/29/2025 2:19:16 PM
Client:	CDM Smith	**Project:**	Con Ed UTEN Mount Vernon, NY
Contact:	Marcie Ann Encinas	**Location:**	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1914-01	**SS-1**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-02	**SS-91**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-03	**SS-2**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-04	**SS-3**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-05	**SS-4**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-06	**SS-5**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-06ME	**SS-5ME**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/06/25	
Q1914-07	**SS-6**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/01/25	
Q1914-07ME	**SS-6ME**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/06/25	
Q1914-07ME DL	**SS-6MEDL**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/05/25	
Q1914-08	**SS-7**	**SOIL**			**04/28/25**			**04/29/25**
			VOCMS Group3	8260D			05/06/25	

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LAB CHRONICLE

Q1914-08DL	**SS-7DL**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/05/25	
Q1914-09	**SS-8**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/01/25	
Q1914-09ME	**SS-8ME**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/06/25	
Q1914-09ME DL	**SS-8MEDL**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/05/25	
Q1914-12	**SS-9**	**SOIL**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260D		05/06/25	
Q1914-14	**FB04282025**	**Water**			**04/28/25**		**04/29/25**
			VOCMS Group3	8260-Low		04/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**SS-91**							
Q1914-02	SS-91	SOIL	1,3,5-Trimethylbenzene	0.87	J	0.62	3.80	ug/Kg
			Total Voc :	0.87				
			Total Concentration:	0.87				
Client ID:	**SS-5**							
Q1914-06	SS-5	SOIL	Benzene	21.6		0.57	3.60	ug/Kg
Q1914-06	SS-5	SOIL	Toluene	110	E	0.56	3.60	ug/Kg
Q1914-06	SS-5	SOIL	Ethyl Benzene	350	E	0.48	3.60	ug/Kg
Q1914-06	SS-5	SOIL	Total Xylenes	1980	E	1.48	10.8	ug/Kg
Q1914-06	SS-5	SOIL	Isopropylbenzene	85.4		0.56	3.60	ug/Kg
Q1914-06	SS-5	SOIL	n-propylbenzene	210	E	0.53	3.60	ug/Kg
Q1914-06	SS-5	SOIL	1,3,5-Trimethylbenzene	390	E	0.59	3.60	ug/Kg
Q1914-06	SS-5	SOIL	1,2,4-Trimethylbenzene	970	E	0.46	3.60	ug/Kg
Q1914-06	SS-5	SOIL	sec-Butylbenzene	64.7		0.47	3.60	ug/Kg
Q1914-06	SS-5	SOIL	p-Isopropyltoluene	44.4		0.45	3.60	ug/Kg
Q1914-06	SS-5	SOIL	n-Butylbenzene	85.8		1.00	3.60	ug/Kg
			Total Voc :	4310				
			Total Concentration:	4310				
Client ID:	**SS-5ME**							
Q1914-06ME	SS-5ME	SOIL	Benzene	88.0	JD	30.0	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	Toluene	230	D	29.6	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	Ethyl Benzene	1100	D	25.4	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	Total Xylenes	4400	D	78.1	570	ug/Kg
Q1914-06ME	SS-5ME	SOIL	Isopropylbenzene	260	D	29.6	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	n-propylbenzene	650	D	27.7	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	1,3,5-Trimethylbenzene	930	D	31.1	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	1,2,4-Trimethylbenzene	3800	D	24.3	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	sec-Butylbenzene	230	D	25.0	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	p-Isopropyltoluene	150	JD	23.5	190	ug/Kg
Q1914-06ME	SS-5ME	SOIL	n-Butylbenzene	370	D	55.0	190	ug/Kg
			Total Voc :	12200				
			Total Concentration:	12200				
Client ID:	**SS-6**							
Q1914-07	SS-6	SOIL	Benzene	12.3		0.57	3.60	ug/Kg
Q1914-07	SS-6	SOIL	Toluene	21.5		0.56	3.60	ug/Kg
Q1914-07	SS-6	SOIL	Ethyl Benzene	240	E	0.48	3.60	ug/Kg
Q1914-07	SS-6	SOIL	Total Xylenes	1540	E	1.48	10.8	ug/Kg
Q1914-07	SS-6	SOIL	Isopropylbenzene	71.9		0.56	3.60	ug/Kg

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

Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-07	SS-6	SOIL	n-propylbenzene	180	E	0.52	3.60	ug/Kg
Q1914-07	SS-6	SOIL	1,3,5-Trimethylbenzene	440	E	0.59	3.60	ug/Kg
Q1914-07	SS-6	SOIL	1,2,4-Trimethylbenzene	760	E	0.46	3.60	ug/Kg
Q1914-07	SS-6	SOIL	sec-Butylbenzene	72.3		0.47	3.60	ug/Kg
Q1914-07	SS-6	SOIL	p-Isopropyltoluene	51.0		0.44	3.60	ug/Kg
Q1914-07	SS-6	SOIL	n-Butylbenzene	100		1.00	3.60	ug/Kg
			Total Voc :	3490				
			Total Concentration:	3490				
Client ID:	**SS-6ME**							
Q1914-07ME	SS-6ME	SOIL	Benzene	170	JD	31.1	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	Toluene	1600	D	30.7	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	Ethyl Benzene	5300	ED	26.3	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	Total Xylenes	31900	ED	80.9	590	ug/Kg
Q1914-07ME	SS-6ME	SOIL	Isopropylbenzene	1700	D	30.7	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	n-propylbenzene	4900	ED	28.7	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	1,3,5-Trimethylbenzene	8000	ED	32.2	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	1,2,4-Trimethylbenzene	29500	ED	25.2	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	sec-Butylbenzene	2000	D	25.9	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	p-Isopropyltoluene	1400	D	24.4	200	ug/Kg
Q1914-07ME	SS-6ME	SOIL	n-Butylbenzene	3500	D	57.0	200	ug/Kg
			Total Voc :	90000				
			Total Concentration:	90000				
Client ID:	**SS-6MEDL**							
Q1914-07MEDL	SS-6MEDL	SOIL	Toluene	1500	JD	610	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	Ethyl Benzene	4700	D	530	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	Total Xylenes	27900	D	1610	11800	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	Isopropylbenzene	1700	JD	610	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	n-propylbenzene	4500	D	570	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	1,3,5-Trimethylbenzene	7600	D	640	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	1,2,4-Trimethylbenzene	28100	D	500	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	sec-Butylbenzene	1900	JD	520	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	p-Isopropyltoluene	1300	JD	490	3900	ug/Kg
Q1914-07MEDL	SS-6MEDL	SOIL	n-Butylbenzene	2900	JD	1100	3900	ug/Kg
			Total Voc :	82100				
			Total Concentration:	82100				
Client ID:	**SS-7**							
Q1914-08	SS-7	SOIL	Benzene	120	J	30.8	200	ug/Kg
Q1914-08	SS-7	SOIL	Toluene	1400		30.4	200	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-08	SS-7	SOIL	Ethyl Benzene	2200		26.1	200	ug/Kg
Q1914-08	SS-7	SOIL	Total Xylenes	12600		80.4	590	ug/Kg
Q1914-08	SS-7	SOIL	Isopropylbenzene	670		30.4	200	ug/Kg
Q1914-08	SS-7	SOIL	n-propylbenzene	1900		28.5	200	ug/Kg
Q1914-08	SS-7	SOIL	1,3,5-Trimethylbenzene	2900		32.0	200	ug/Kg
Q1914-08	SS-7	SOIL	1,2,4-Trimethylbenzene	11000	E	25.0	200	ug/Kg
Q1914-08	SS-7	SOIL	sec-Butylbenzene	780		25.7	200	ug/Kg
Q1914-08	SS-7	SOIL	p-Isopropyltoluene	520		24.2	200	ug/Kg
Q1914-08	SS-7	SOIL	n-Butylbenzene	1200		56.6	200	ug/Kg
			Total Voc :	35300				
			Total Concentration:	35300				
Client ID:	**SS-7DL**							
Q1914-08DL	SS-7DL	SOIL	Toluene	1300	JD	610	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	Ethyl Benzene	2200	JD	520	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	Total Xylenes	12200	D	1610	11700	ug/Kg
Q1914-08DL	SS-7DL	SOIL	Isopropylbenzene	640	JD	610	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	n-propylbenzene	1800	JD	570	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	1,3,5-Trimethylbenzene	3000	JD	640	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	1,2,4-Trimethylbenzene	11200	D	500	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	sec-Butylbenzene	760	JD	510	3900	ug/Kg
Q1914-08DL	SS-7DL	SOIL	p-Isopropyltoluene	560	JD	480	3900	ug/Kg
			Total Voc :	33700				
			Total Concentration:	33700				
Client ID:	**SS-8**							
Q1914-09	SS-8	SOIL	Benzene	19.9		0.55	3.50	ug/Kg
Q1914-09	SS-8	SOIL	Toluene	640	E	0.55	3.50	ug/Kg
Q1914-09	SS-8	SOIL	Ethyl Benzene	780	E	0.47	3.50	ug/Kg
Q1914-09	SS-8	SOIL	Total Xylenes	4200	E	1.44	10.5	ug/Kg
Q1914-09	SS-8	SOIL	Isopropylbenzene	320	E	0.55	3.50	ug/Kg
Q1914-09	SS-8	SOIL	n-propylbenzene	420	E	0.51	3.50	ug/Kg
Q1914-09	SS-8	SOIL	1,3,5-Trimethylbenzene	470	E	0.57	3.50	ug/Kg
Q1914-09	SS-8	SOIL	1,2,4-Trimethylbenzene	710	E	0.45	3.50	ug/Kg
Q1914-09	SS-8	SOIL	sec-Butylbenzene	280	E	0.46	3.50	ug/Kg
Q1914-09	SS-8	SOIL	p-Isopropyltoluene	180	E	0.43	3.50	ug/Kg
Q1914-09	SS-8	SOIL	n-Butylbenzene	320	E	1.00	3.50	ug/Kg
			Total Voc :	8340				
			Total Concentration:	8340				
Client ID:	**SS-8ME**							

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Hit Summary Sheet
SW-846

SDG No.: Q1914

Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1914-09ME	SS-8ME	SOIL	Benzene	61.4	JD	26.7	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	Toluene	1200	D	26.4	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	Ethyl Benzene	2900	D	22.7	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	Total Xylenes	16700	ED	69.6	510	ug/Kg
Q1914-09ME	SS-8ME	SOIL	Isopropylbenzene	990	D	26.4	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	n-propylbenzene	3000	D	24.7	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	1,3,5-Trimethylbenzene	5100	ED	27.7	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	1,2,4-Trimethylbenzene	18300	ED	21.6	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	sec-Butylbenzene	1300	D	22.3	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	p-Isopropyltoluene	940	D	21.0	170	ug/Kg
Q1914-09ME	SS-8ME	SOIL	n-Butylbenzene	2400	D	49.0	170	ug/Kg
			Total Voc :	52900				
			Total Concentration:	52900				
Client ID:	**SS-8MEDL**							
Q1914-09MEDL	SS-8MEDL	SOIL	Toluene	1100	JD	530	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	Ethyl Benzene	2700	JD	450	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	Total Xylenes	15200	D	1390	10200	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	Isopropylbenzene	1000	JD	530	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	n-propylbenzene	2900	JD	490	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	1,3,5-Trimethylbenzene	5200	D	550	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	1,2,4-Trimethylbenzene	18900	D	430	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	sec-Butylbenzene	1300	JD	450	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	p-Isopropyltoluene	900	JD	420	3400	ug/Kg
Q1914-09MEDL	SS-8MEDL	SOIL	n-Butylbenzene	2100	JD	980	3400	ug/Kg
			Total Voc :	51300				
			Total Concentration:	51300				

QC SUMMARY

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Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1914-01	SS-1	1,2-Dichloroethane-d4	50	46.7	93	63	155
		Dibromofluoromethane	50	48.7	97	70	134
		Toluene-d8	50	47.7	95	74	123
		4-Bromofluorobenzene	50	43.8	88	38	136
Q1914-02	SS-91	1,2-Dichloroethane-d4	50	43.1	86	63	155
		Dibromofluoromethane	50	46.8	94	70	134
		Toluene-d8	50	48.4	97	74	123
		4-Bromofluorobenzene	50	44.5	89	38	136
Q1914-03	SS-2	1,2-Dichloroethane-d4	50	54.8	110	63	155
		Dibromofluoromethane	50	50.6	101	70	134
		Toluene-d8	50	48.3	97	74	123
		4-Bromofluorobenzene	50	48.0	96	38	136
Q1914-04	SS-3	1,2-Dichloroethane-d4	50	50.8	102	63	155
		Dibromofluoromethane	50	49.7	99	70	134
		Toluene-d8	50	48.0	96	74	123
		4-Bromofluorobenzene	50	45.0	90	38	136
Q1914-05	SS-4	1,2-Dichloroethane-d4	50	50.7	101	63	155
		Dibromofluoromethane	50	49.4	99	70	134
		Toluene-d8	50	47.2	94	74	123
		4-Bromofluorobenzene	50	39.7	79	38	136
Q1914-06	SS-5	1,2-Dichloroethane-d4	50	47.8	96	63	155
		Dibromofluoromethane	50	49.1	98	70	134
		Toluene-d8	50	58.2	116	74	123
		4-Bromofluorobenzene	50	55.5	111	38	136
Q1914-06ME	SS-5ME	1,2-Dichloroethane-d4	50	48.1	96	63	155
		Dibromofluoromethane	50	55.8	112	70	134
		Toluene-d8	50	52.0	104	74	123
		4-Bromofluorobenzene	50	48.0	96	38	136
Q1914-07	SS-6	1,2-Dichloroethane-d4	50	35.5	71	63	155
		Dibromofluoromethane	50	45.0	90	70	134
		Toluene-d8	50	54.9	110	74	123
		4-Bromofluorobenzene	50	54.3	109	38	136
Q1914-07ME	SS-6ME	1,2-Dichloroethane-d4	50	47.0	94	63	155
		Dibromofluoromethane	50	55.4	111	70	134
		Toluene-d8	50	54.9	110	74	123
		4-Bromofluorobenzene	50	56.4	113	38	136
Q1914-07MEDL	SS-6MEDL	1,2-Dichloroethane-d4	50	46.5	93	63	155
		Dibromofluoromethane	50	59.7	119	70	134
		Toluene-d8	50	52.5	105	74	123
		4-Bromofluorobenzene	50	54.2	108	38	136
Q1914-08	SS-7	1,2-Dichloroethane-d4	50	45.4	91	63	155
		Dibromofluoromethane	50	55.7	111	70	134
		Toluene-d8	50	52.8	106	74	123
		4-Bromofluorobenzene	50	49.8	100	38	136
Q1914-08DL	SS-7DL	1,2-Dichloroethane-d4	50	47.7	95	63	155
		Dibromofluoromethane	50	58.3	117	70	134
		Toluene-d8	50	50.2	100	74	123
		4-Bromofluorobenzene	50	49.9	100	38	136
Q1914-09	SS-8	1,2-Dichloroethane-d4	50	36.9	74	63	155
		Dibromofluoromethane	50	48.3	97	70	134

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Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q1914-09	SS-8	Toluene-d8	50	104	208	*	74	123
		4-Bromofluorobenzene	50	224	447	*	38	136
Q1914-09ME	SS-8ME	1,2-Dichloroethane-d4	50	45.8	92		63	155
		Dibromofluoromethane	50	54.7	109		70	134
		Toluene-d8	50	52.7	105		74	123
		4-Bromofluorobenzene	50	52.7	105		38	136
Q1914-09MEDL	SS-8MEDL	1,2-Dichloroethane-d4	50	47.5	95		63	155
		Dibromofluoromethane	50	59.2	118		70	134
		Toluene-d8	50	51.5	103		74	123
		4-Bromofluorobenzene	50	53.6	107		38	136
Q1914-10MS	SS-8MS	1,2-Dichloroethane-d4	50	41.1	82		63	155
		Dibromofluoromethane	50	47.5	95		70	134
		Toluene-d8	50	113	225	*	74	123
		4-Bromofluorobenzene	50	259	518	*	38	136
Q1914-11MSD	SS-8MSD	1,2-Dichloroethane-d4	50	48.9	98		63	155
		Dibromofluoromethane	50	50.0	100		70	134
		Toluene-d8	50	76.8	154	*	74	123
		4-Bromofluorobenzene	50	168	336	*	38	136
Q1914-12	SS-9	1,2-Dichloroethane-d4	50	56.4	113		63	155
		Dibromofluoromethane	50	52.0	104		70	134
		Toluene-d8	50	49.2	98		74	123
		4-Bromofluorobenzene	50	38.8	78		38	136
VN0505MBL01	VN0505MBL01	1,2-Dichloroethane-d4	50	48.4	97		63	155
		Dibromofluoromethane	50	60.5	121		70	134
		Toluene-d8	50	51.1	102		74	123
		4-Bromofluorobenzene	50	48.6	97		38	136
VN0505MBS01	VN0505MBS01	1,2-Dichloroethane-d4	50	51.5	103		63	155
		Dibromofluoromethane	50	57.3	115		70	134
		Toluene-d8	50	50.8	102		74	123
		4-Bromofluorobenzene	50	51.3	103		38	136
VN0506MBL01	VN0506MBL01	1,2-Dichloroethane-d4	50	46.9	94		63	155
		Dibromofluoromethane	50	60.6	121		70	134
		Toluene-d8	50	50.7	101		74	123
		4-Bromofluorobenzene	50	48.7	97		38	136
VN0506MBS01	VN0506MBS01	1,2-Dichloroethane-d4	50	48.6	97		63	155
		Dibromofluoromethane	50	57.7	115		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	47.2	94		38	136
VY0501SBL01	VY0501SBL01	1,2-Dichloroethane-d4	50	49.2	98		63	155
		Dibromofluoromethane	50	50.6	101		70	134
		Toluene-d8	50	47.8	96		74	123
		4-Bromofluorobenzene	50	53.1	106		38	136
VY0501SBS01	VY0501SBS01	1,2-Dichloroethane-d4	50	47.5	95		63	155
		Dibromofluoromethane	50	49.5	99		70	134
		Toluene-d8	50	50.1	100		74	123
		4-Bromofluorobenzene	50	49.3	99		38	136
VY0506SBL01	VY0506SBL01	1,2-Dichloroethane-d4	50	55.3	111		63	155
		Dibromofluoromethane	50	50.7	101		70	134
		Toluene-d8	50	48.2	96		74	123
		4-Bromofluorobenzene	50	53.8	108		38	136

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Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VY0506SBS01	VY0506SBS01	1,2-Dichloroethane-d4	50	51.6	103	63	155
		Dibromofluoromethane	50	50.1	100	70	134
		Toluene-d8	50	50.8	102	74	123
		4-Bromofluorobenzene	50	50.6	101	38	136

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Surrogate Summary

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1914-14	FB04282025	1,2-Dichloroethane-d4	50	55.5	111	74	125
		Dibromofluoromethane	50	52.6	105	75	124
		Toluene-d8	50	50.2	100	86	113
		4-Bromofluorobenzene	50	50.9	102	77	121
VX0430WBL01	VX0430WBL01	1,2-Dichloroethane-d4	50	56.3	113	74	125
		Dibromofluoromethane	50	52.5	105	75	124
		Toluene-d8	50	50.4	101	86	113
		4-Bromofluorobenzene	50	51.9	104	77	121
VX0430WBS01	VX0430WBS01	1,2-Dichloroethane-d4	50	54.6	109	74	125
		Dibromofluoromethane	50	56.5	113	75	124
		Toluene-d8	50	52.1	104	86	113
		4-Bromofluorobenzene	50	55.7	111	77	121
VX0430WBSD0	VX0430WBSD01	1,2-Dichloroethane-d4	50	54.3	109	74	125
		Dibromofluoromethane	50	56.5	113	75	124
		Toluene-d8	50	52.0	104	86	113
		4-Bromofluorobenzene	50	56.5	113	77	121

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q1914-10MS		**Client Sample ID :** SS-8MS							**Datafile :** VY022115.D		
Benzene	39.6	19.9	58.5	ug/Kg	97				59	140	
Toluene	39.6	640	820	ug/Kg	455	*			61	134	
Ethyl Benzene	39.6	780	1400	ug/Kg	1566	*			54	134	
m/p-Xylenes	79.2	2200	4100	ug/Kg	2399	*			51	137	
o-Xylene	39.6	2000	3600	ug/Kg	4040	*			57	139	
Isopropylbenzene	39.6	320	400	ug/Kg	202	*			44	160	
N-propylbenzene	39.6	420	570	ug/Kg	379	*			10	173	
1,3,5-Trimethylbenzene	39.6	470	750	ug/Kg	707	*			10	175	
tert-Butylbenzene	39.6	0	14.1	ug/Kg	36				10	173	
1,2,4-Trimethylbenzene	39.6	710	1000	ug/Kg	732	*			10	175	
Sec-butylbenzene	39.6	280	370	ug/Kg	227	*			10	172	
p-Isopropyltoluene	39.6	180	240	ug/Kg	152				26	153	
n-Butylbenzene	39.6	320	400	ug/Kg	202	*			10	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID :	**Q1914-11MSD**	**Client Sample ID :**	**SS-8MSD**						**Datafile :**	VY022116.D	
Benzene	35	19.9	46.5	ug/Kg	76		24	*	59	140	20
Toluene	35	640	440	ug/Kg	-571	*	1769	*	61	134	20
Ethyl Benzene	35	780	1100	ug/Kg	914	*	53	*	54	134	20
m/p-Xylenes	70	2200	3500	ug/Kg	1857	*	25	*	51	137	20
o-Xylene	35	2000	3000	ug/Kg	2857	*	34	*	57	139	20
Isopropylbenzene	35	320	230	ug/Kg	-257	*	1669	*	44	160	20
N-propylbenzene	35	420	420	ug/Kg	0	*	200	*	10	173	20
1,3,5-Trimethylbenzene	35	470	580	ug/Kg	314	*	77	*	10	175	20
tert-Butylbenzene	35	0	8.80	ug/Kg	25		34	*	10	173	20
1,2,4-Trimethylbenzene	35	710	830	ug/Kg	343	*	72	*	10	175	20
Sec-butylbenzene	35	280	260	ug/Kg	-57	*	334	*	10	172	20
p-Isopropyltoluene	35	180	180	ug/Kg	0	*	200	*	26	153	20
n-Butylbenzene	35	320	320	ug/Kg	0	*	200	*	10	175	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D **Datafile :** VN086491.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0505MBS01	Benzene	2000	2000	ug/Kg	100			84	121	
	Toluene	2000	2000	ug/Kg	100			83	122	
	Ethyl Benzene	2000	2100	ug/Kg	105			82	124	
	m/p-Xylenes	4000	4100	ug/Kg	103			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Isopropylbenzene	2000	1900	ug/Kg	95			82	124	
	N-propylbenzene	2000	1900	ug/Kg	95			81	123	
	1,3,5-Trimethylbenzene	2000	2000	ug/Kg	100			82	124	
	tert-Butylbenzene	2000	2000	ug/Kg	100			81	125	
	1,2,4-Trimethylbenzene	2000	2000	ug/Kg	100			81	125	
	Sec-butylbenzene	2000	2000	ug/Kg	100			80	124	
	p-Isopropyltoluene	2000	2000	ug/Kg	100			81	125	
	n-Butylbenzene	2000	1900	ug/Kg	95			78	126	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D **Datafile :** VN086515.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0506MBS01	Benzene	2000	1800	ug/Kg	90			84	121	
	Toluene	2000	1900	ug/Kg	95			83	122	
	Ethyl Benzene	2000	1900	ug/Kg	95			82	124	
	m/p-Xylenes	4000	3800	ug/Kg	95			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Isopropylbenzene	2000	1900	ug/Kg	95			82	124	
	N-propylbenzene	2000	1800	ug/Kg	90			81	123	
	1,3,5-Trimethylbenzene	2000	1900	ug/Kg	95			82	124	
	tert-Butylbenzene	2000	1900	ug/Kg	95			81	125	
	1,2,4-Trimethylbenzene	2000	1900	ug/Kg	95			81	125	
	Sec-butylbenzene	2000	1900	ug/Kg	95			80	124	
	p-Isopropyltoluene	2000	1900	ug/Kg	95			81	125	
	n-Butylbenzene	2000	1700	ug/Kg	85			78	126	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low **Datafile :** VX045988.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0430WBS01	Benzene	20	20.2	ug/L	101			82	109	
	Toluene	20	20.2	ug/L	101			82	110	
	Ethyl Benzene	20	20.6	ug/L	103			83	109	
	m/p-Xylenes	40	42.5	ug/L	106			82	110	
	o-Xylene	20	21.0	ug/L	105			83	109	
	Isopropylbenzene	20	20.7	ug/L	104			83	112	
	N-propylbenzene	20	20.3	ug/L	102			83	112	
	1,3,5-Trimethylbenzene	20	21.1	ug/L	106			85	112	
	tert-Butylbenzene	20	21.2	ug/L	106			83	112	
	1,2,4-Trimethylbenzene	20	20.7	ug/L	104			85	111	
	Sec-butylbenzene	20	21.2	ug/L	106			81	114	
	p-Isopropyltoluene	20	20.9	ug/L	104			78	116	
	n-Butylbenzene	20	20.1	ug/L	101			75	115	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260-Low **Datafile :** VX045989.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0430WBSD01	Benzene	20	20.1	ug/L	101	0		82	109	20
	Toluene	20	20.5	ug/L	103	2		82	110	20
	Ethyl Benzene	20	20.6	ug/L	103	0		83	109	20
	m/p-Xylenes	40	41.4	ug/L	104	2		82	110	20
	o-Xylene	20	21.0	ug/L	105	0		83	109	20
	Isopropylbenzene	20	20.1	ug/L	101	3		83	112	20
	N-propylbenzene	20	19.8	ug/L	99	3		83	112	20
	1,3,5-Trimethylbenzene	20	20.3	ug/L	102	4		85	112	20
	tert-Butylbenzene	20	20.6	ug/L	103	3		83	112	20
	1,2,4-Trimethylbenzene	20	20.6	ug/L	103	1		85	111	20
	Sec-butylbenzene	20	20.6	ug/L	103	3		81	114	20
	p-Isopropyltoluene	20	20.7	ug/L	104	0		78	116	20
	n-Butylbenzene	20	20.2	ug/L	101	0		75	115	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D **Datafile :** VY022097.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0501SBS01	Benzene	20	20.2	ug/Kg	101			84	121	
	Toluene	20	20.6	ug/Kg	103			83	122	
	Ethyl Benzene	20	19.5	ug/Kg	98			82	124	
	m/p-Xylenes	40	40.5	ug/Kg	101			83	124	
	o-Xylene	20	19.6	ug/Kg	98			83	123	
	Isopropylbenzene	20	19.2	ug/Kg	96			82	124	
	N-propylbenzene	20	19.5	ug/Kg	98			81	123	
	1,3,5-Trimethylbenzene	20	19.6	ug/Kg	98			82	124	
	tert-Butylbenzene	20	19.0	ug/Kg	95			81	125	
	1,2,4-Trimethylbenzene	20	19.5	ug/Kg	98			81	125	
	Sec-butylbenzene	20	19.4	ug/Kg	97			80	124	
	p-Isopropyltoluene	20	19.4	ug/Kg	97			81	125	
	n-Butylbenzene	20	18.7	ug/Kg	94			78	126	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1914

Client: CDM Smith

Analytical Method: SW8260D **Datafile :** VY022172.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0506SBS01	Benzene	20	21.3	ug/Kg	106			84	121	
	Toluene	20	21.4	ug/Kg	107			83	122	
	Ethyl Benzene	20	20.3	ug/Kg	102			82	124	
	m/p-Xylenes	40	41.6	ug/Kg	104			83	124	
	o-Xylene	20	20.3	ug/Kg	102			83	123	
	Isopropylbenzene	20	19.7	ug/Kg	99			82	124	
	N-propylbenzene	20	20.6	ug/Kg	103			81	123	
	1,3,5-Trimethylbenzene	20	20.3	ug/Kg	102			82	124	
	tert-Butylbenzene	20	19.5	ug/Kg	98			81	125	
	1,2,4-Trimethylbenzene	20	20.6	ug/Kg	103			81	125	
	Sec-butylbenzene	20	20.5	ug/Kg	103			80	124	
	p-Isopropyltoluene	20	20.2	ug/Kg	101			81	125	
	n-Butylbenzene	20	20.0	ug/Kg	100			78	126	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0505MBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086479.D Lab Sample ID: VN0505MBL01

Date Analyzed: 05/05/2025 Time Analyzed: 12:13

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0505MBS01	VN0505MBS01	VN086491.D	05/05/2025
SS-6MEDL	Q1914-07MEDL	VN086494.D	05/05/2025
SS-7DL	Q1914-08DL	VN086495.D	05/05/2025
SS-8MEDL	Q1914-09MEDL	VN086496.D	05/05/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0506MBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086505.D Lab Sample ID: VN0506MBL01

Date Analyzed: 05/06/2025 Time Analyzed: 11:11

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0506MBS01	VN0506MBS01	VN086515.D	05/06/2025
SS-5ME	Q1914-06ME	VN086518.D	05/06/2025
SS-6ME	Q1914-07ME	VN086519.D	05/06/2025
SS-7	Q1914-08	VN086520.D	05/06/2025
SS-8ME	Q1914-09ME	VN086521.D	05/06/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0430WBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045987.D Lab Sample ID: VX0430WBL01

Date Analyzed: 04/30/2025 Time Analyzed: 10:55

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0430WBS01	VX0430WBS01	VX045988.D	04/30/2025
VX0430WBSD01	VX0430WBSD01	VX045989.D	04/30/2025
FB04282025	Q1914-14	VX045991.D	04/30/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0501SBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022096.D Lab Sample ID: VY0501SBL01

Date Analyzed: 05/01/2025 Time Analyzed: 10:11

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0501SBS01	VY0501SBS01	VY022097.D	05/01/2025
SS-1	Q1914-01	VY022107.D	05/01/2025
SS-91	Q1914-02	VY022108.D	05/01/2025
SS-2	Q1914-03	VY022109.D	05/01/2025
SS-3	Q1914-04	VY022110.D	05/01/2025
SS-4	Q1914-05	VY022111.D	05/01/2025
SS-5	Q1914-06	VY022112.D	05/01/2025
SS-6	Q1914-07	VY022113.D	05/01/2025
SS-8	Q1914-09	VY022114.D	05/01/2025
SS-8MS	Q1914-10MS	VY022115.D	05/01/2025
SS-8MSD	Q1914-11MSD	VY022116.D	05/01/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0506SBL01

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022171.D Lab Sample ID: VY0506SBL01

Date Analyzed: 05/06/2025 Time Analyzed: 09:45

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0506SBS01	VY0506SBS01	VY022172.D	05/06/2025
SS-9	Q1914-12	VY022178.D	05/06/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086276.D BFB Injection Date: 04/15/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:47

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.6
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.4 (0.6) 1
174	50.0 - 100.0% of mass 95	67.6
175	5.0 - 9.0% of mass 174	5.1 (7.6) 1
176	95.0 - 101.0% of mass 174	64.6 (95.5) 1
177	5.0 - 9.0% of mass 176	4.4 (6.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086277.D	04/15/2025	11:29
VSTDICC005	VSTDICC005	VN086278.D	04/15/2025	12:21
VSTDICC010	VSTDICC010	VN086279.D	04/15/2025	12:45
VSTDICC020	VSTDICC020	VN086280.D	04/15/2025	13:09
VSTDICCC050	VSTDICCC050	VN086281.D	04/15/2025	13:51
VSTDICC100	VSTDICC100	VN086282.D	04/15/2025	14:29

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086477.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:23

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.8
75	30.0 - 60.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	74
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	70.3 (95) 1
177	5.0 - 9.0% of mass 176	4.8 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086478.D	05/05/2025	11:32
VN0505MBL01	VN0505MBL01	VN086479.D	05/05/2025	12:13
VN0505MBS01	VN0505MBS01	VN086491.D	05/05/2025	17:13
SS-6MEDL	Q1914-07MEDL	VN086494.D	05/05/2025	18:25
SS-7DL	Q1914-08DL	VN086495.D	05/05/2025	18:49
SS-8MEDL	Q1914-09MEDL	VN086496.D	05/05/2025	19:14

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086503.D BFB Injection Date: 05/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 09:13

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19
75	30.0 - 60.0% of mass 95	51.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.2) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5 (6.8) 1
176	95.0 - 101.0% of mass 174	71.8 (97.3) 1
177	5.0 - 9.0% of mass 176	4.6 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086504.D	05/06/2025	10:35
VN0506MBL01	VN0506MBL01	VN086505.D	05/06/2025	11:11
VN0506MBS01	VN0506MBS01	VN086515.D	05/06/2025	15:23
SS-5ME	Q1914-06ME	VN086518.D	05/06/2025	16:35
SS-6ME	Q1914-07ME	VN086519.D	05/06/2025	16:59
SS-7	Q1914-08	VN086520.D	05/06/2025	17:23
SS-8ME	Q1914-09ME	VN086521.D	05/06/2025	17:48

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045524.D BFB Injection Date: 04/01/2025

Instrument ID: MSVOA_X BFB Injection Time: 16:15

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	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX045525.D	04/01/2025	17:06
VSTDICC005	VSTDICC005	VX045526.D	04/01/2025	17:29
VSTDICC020	VSTDICC020	VX045527.D	04/01/2025	17:52
VSTDICCC050	VSTDICCC050	VX045528.D	04/01/2025	18:15
VSTDICC100	VSTDICC100	VX045529.D	04/01/2025	18:38
VSTDICC150	VSTDICC150	VX045530.D	04/01/2025	19:02

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045984.D BFB Injection Date: 04/30/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:32

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	22.5
75	30.0 - 60.0% of mass 95	57.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	69.5
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	67.1 (96.5) 1
177	5.0 - 9.0% of mass 176	4.5 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045985.D	04/30/2025	10:01
VX0430WBL01	VX0430WBL01	VX045987.D	04/30/2025	10:55
VX0430WBS01	VX0430WBS01	VX045988.D	04/30/2025	11:19
VX0430WBSD01	VX0430WBSD01	VX045989.D	04/30/2025	11:46
FB04282025	Q1914-14	VX045991.D	04/30/2025	12:32

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY021952.D BFB Injection Date: 04/22/2025

Instrument ID: MSVOA_Y BFB Injection Time: 11:33

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.9
75	30.0 - 60.0% of mass 95	49.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	1.5 (1.7) 1
174	50.0 - 100.0% of mass 95	88.4
175	5.0 - 9.0% of mass 174	7.1 (8) 1
176	95.0 - 101.0% of mass 174	84.9 (96.1) 1
177	5.0 - 9.0% of mass 176	5.5 (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:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY021953.D	04/22/2025	13:39
VSTDICC010	VSTDICC010	VY021954.D	04/22/2025	14:44
VSTDICC020	VSTDICC020	VY021955.D	04/22/2025	15:07
VSTDICCC050	VSTDICCC050	VY021956.D	04/22/2025	15:29
VSTDICC100	VSTDICC100	VY021957.D	04/22/2025	15:52
VSTDICC150	VSTDICC150	VY021958.D	04/22/2025	16:15

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022094.D BFB Injection Date: 05/01/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.8
75	30.0 - 60.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.5 (1.7) 1
174	50.0 - 100.0% of mass 95	87.7
175	5.0 - 9.0% of mass 174	6.9 (7.8) 1
176	95.0 - 101.0% of mass 174	83.4 (95.1) 1
177	5.0 - 9.0% of mass 176	5.6 (6.8) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022095.D	05/01/2025	08:50
VY0501SBL01	VY0501SBL01	VY022096.D	05/01/2025	10:11
VY0501SBS01	VY0501SBS01	VY022097.D	05/01/2025	10:42
SS-1	Q1914-01	VY022107.D	05/01/2025	15:02
SS-91	Q1914-02	VY022108.D	05/01/2025	15:28
SS-2	Q1914-03	VY022109.D	05/01/2025	16:04
SS-3	Q1914-04	VY022110.D	05/01/2025	16:27
SS-4	Q1914-05	VY022111.D	05/01/2025	16:49
SS-5	Q1914-06	VY022112.D	05/01/2025	17:16
SS-6	Q1914-07	VY022113.D	05/01/2025	17:37
SS-8	Q1914-09	VY022114.D	05/01/2025	18:00
SS-8MS	Q1914-10MS	VY022115.D	05/01/2025	18:23
SS-8MSD	Q1914-11MSD	VY022116.D	05/01/2025	18:46

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022169.D BFB Injection Date: 05/06/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:00

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.1
75	30.0 - 60.0% of mass 95	49.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	1.2 (1.3) 1
174	50.0 - 100.0% of mass 95	91.6
175	5.0 - 9.0% of mass 174	6.9 (7.5) 1
176	95.0 - 101.0% of mass 174	89 (97.2) 1
177	5.0 - 9.0% of mass 176	5.8 (6.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022170.D	05/06/2025	09:14
VY0506SBL01	VY0506SBL01	VY022171.D	05/06/2025	09:45
VY0506SBS01	VY0506SBS01	VY022172.D	05/06/2025	10:17
SS-9	Q1914-12	VY022178.D	05/06/2025	13:03

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086478.D Date Analyzed: 05/05/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	154484	8.22	297307	9.10	276417	11.87
UPPER LIMIT	308968	8.718	594614	9.6	552834	12.365
LOWER LIMIT	77242	7.718	148654	8.6	138209	11.365
EPA SAMPLE NO.						
SS-6MEDL	166833	8.22	307337	9.10	302781	11.87
SS-7DL	162880	8.22	306914	9.10	283717	11.87
SS-8MEDL	167617	8.22	312635	9.10	300291	11.87
VN0505MBL01	156968	8.22	298822	9.10	277824	11.87
VN0505MBS01	174392	8.22	323563	9.10	294006	11.87

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086478.D Date Analyzed: 05/05/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	133852	13.788				
UPPER LIMIT	267704	14.288				
LOWER LIMIT	66926	13.288				
EPA SAMPLE NO.						
SS-6MEDL	140970	13.79				
SS-7DL	128135	13.79				
SS-8MEDL	141242	13.79				
VN0505MBL01	117072	13.79				
VN0505MBS01	137470	13.79				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086504.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_N Time Analyzed: 10:35

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	186971	8.22	338775	9.09	314072	11.86
UPPER LIMIT	373942	8.724	677550	9.594	628144	12.359
LOWER LIMIT	93485.5	7.724	169388	8.594	157036	11.359
EPA SAMPLE NO.						
SS-5ME	169551	8.22	319127	9.09	297541	11.87
SS-6ME	172187	8.22	322534	9.09	313788	11.87
SS-7	198517	8.22	370271	9.09	347259	11.86
SS-8ME	202938	8.22	380050	9.09	349216	11.87
VN0506MBL01	194854	8.22	360705	9.10	339328	11.87
VN0506MBS01	186931	8.22	334765	9.10	293306	11.87

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VN086504.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_N Time Analyzed: 10:35

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	155373	13.788				
UPPER LIMIT	310746	14.288				
LOWER LIMIT	77686.5	13.288				
EPA SAMPLE NO.						
SS-5ME	131140	13.79				
SS-6ME	148688	13.79				
SS-7	152767	13.79				
SS-8ME	167366	13.79				
VN0506MBL01	141530	13.79				
VN0506MBS01	131486	13.79				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045985.D Date Analyzed: 04/30/2025

Instrument ID: MSVOA_X Time Analyzed: 10:01

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	83019	5.55	141256	6.75	122754	10.05
UPPER LIMIT	166038	6.049	282512	7.25	245508	10.549
LOWER LIMIT	41509.5	5.049	70628	6.25	61377	9.549
EPA SAMPLE NO.						
FB04282025	59292	5.55	117758	6.76	108001	10.06
VX0430WBL01	62274	5.54	125239	6.76	116463	10.05
VX0430WBS01	79591	5.54	138531	6.76	123154	10.05
VX0430WBSD01	77091	5.54	132529	6.76	119517	10.05

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VX045985.D Date Analyzed: 04/30/2025

Instrument ID: MSVOA_X Time Analyzed: 10:01

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

	IS4 AREA #	RT #				
12 HOUR STD	60558	12.018				
UPPER LIMIT	121116	12.518				
LOWER LIMIT	30279	11.518				
EPA SAMPLE NO.						
FB04282025	46147	12.02				
VX0430WBL01	49781	12.02				
VX0430WBS01	58135	12.02				
VX0430WBSD01	57970	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022095.D Date Analyzed: 05/01/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:50

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	300031	7.71	433614	8.62	410078	11.42
UPPER LIMIT	600062	8.207	867228	9.116	820156	11.92
LOWER LIMIT	150016	7.207	216807	8.116	205039	10.92
EPA SAMPLE NO.						
SS-1	324354	7.71	597762	8.62	534537	11.41
SS-91	377287	7.71	686536	8.62	618810	11.41
SS-2	334804	7.71	631024	8.62	599039	11.41
SS-3	334416	7.71	623746	8.62	568605	11.41
SS-4	329699	7.71	612320	8.62	536248	11.41
SS-5	348703	7.71	593175	8.62	525097	11.41
SS-6	546701	7.71	868396 *	8.62	697183	11.41
SS-8	521018	7.71	814848	8.62	583005	11.42
SS-8MS	342721	7.71	536963	8.62	334367	11.42
SS-8MSD	321965	7.71	519584	8.62	313382	11.42
VY0501SBL01	317996	7.71	585580	8.62	508953	11.42
VY0501SBS01	294485	7.71	452802	8.62	414235	11.41

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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022095.D Date Analyzed: 05/01/2025

Instrument ID: MSVOA_Y Time Analyzed: 08:50

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #		RT #				
12 HOUR STD	227184		13.347				
UPPER LIMIT	454368		13.847				
LOWER LIMIT	113592		12.847				
EPA SAMPLE NO.							
SS-1	218119		13.35				
SS-91	255221		13.35				
SS-2	258914		13.35				
SS-3	236192		13.35				
SS-4	199649		13.35				
SS-5	237049		13.35				
SS-6	327199		13.35				
SS-8	511573	*	13.35				
SS-8MS	378955		13.33				
SS-8MSD	398456		13.35				
VY0501SBL01	180066		13.35				
VY0501SBS01	225406		13.35				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022170.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:14

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	239745	7.71	360580	8.62	331226	11.42
UPPER LIMIT	479490	8.213	721160	9.116	662452	11.92
LOWER LIMIT	119873	7.213	180290	8.116	165613	10.92
EPA SAMPLE NO.						
SS-9	197156	7.71	383574	8.62	339845	11.42
VY0506SBL01	251073	7.71	481164	8.62	415589	11.42
VY0506SBS01	219542	7.71	344933	8.62	314858	11.42

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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Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG NO.: Q1914

Lab File ID: VY022170.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:14

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	184988	13.346				
UPPER LIMIT	369976	13.846				
LOWER LIMIT	92494	12.846				
EPA SAMPLE NO.						
SS-9	120680	13.35				
VY0506SBL01	146510	13.35				
VY0506SBS01	170277	13.35				

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
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Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-1	SDG No.:	Q1914
Lab Sample ID:	Q1914-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.7
Sample Wt/Vol:	7.72 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022107.D	1		05/01/25 15:02	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.70	U	0.58	3.70	ug/Kg
108-88-3	Toluene	3.70	U	0.57	3.70	ug/Kg
100-41-4	Ethyl Benzene	3.70	U	0.49	3.70	ug/Kg
1330-20-7	Total Xylenes	11.0	U	1.51	11.0	ug/Kg
98-82-8	Isopropylbenzene	3.70	U	0.57	3.70	ug/Kg
103-65-1	n-propylbenzene	3.70	U	0.53	3.70	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.70	U	0.60	3.70	ug/Kg
98-06-6	tert-Butylbenzene	3.70	U	0.49	3.70	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.70	U	0.47	3.70	ug/Kg
135-98-8	sec-Butylbenzene	3.70	U	0.48	3.70	ug/Kg
99-87-6	p-Isopropyltoluene	3.70	U	0.45	3.70	ug/Kg
104-51-8	n-Butylbenzene	3.70	U	1.10	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.7		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.7		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.8		38 - 136	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	324000	7.707			
540-36-3	1,4-Difluorobenzene	598000	8.616			
3114-55-4	Chlorobenzene-d5	535000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	218000	13.346			

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_Y\Data\VY050125\
Data File : VY022107.D
Acq On : 01 May 2025 15:02
Operator : SY/MD
Sample : Q1914-01
Misc : 7.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Quant Time: May 02 01:30:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	324354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	597762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	534537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	218119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139943	46.710	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.420%			
35) Dibromofluoromethane	7.634	113	192445	48.731	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.460%			
50) Toluene-d8	10.109	98	709809	47.676	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.360%			
62) 4-Bromofluorobenzene	12.408	95	219737	43.842	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.680%			

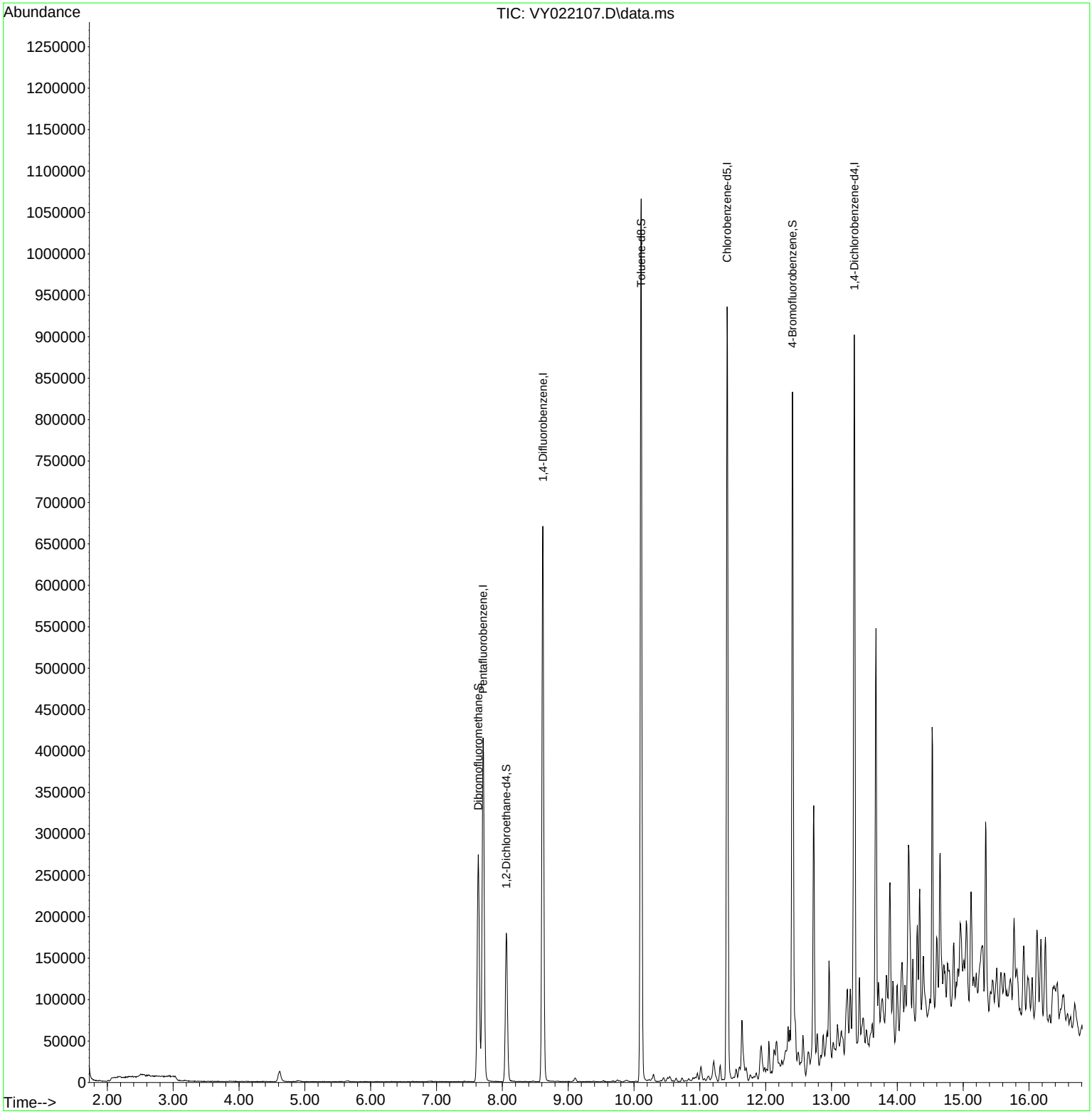
Target Compounds Qvalue

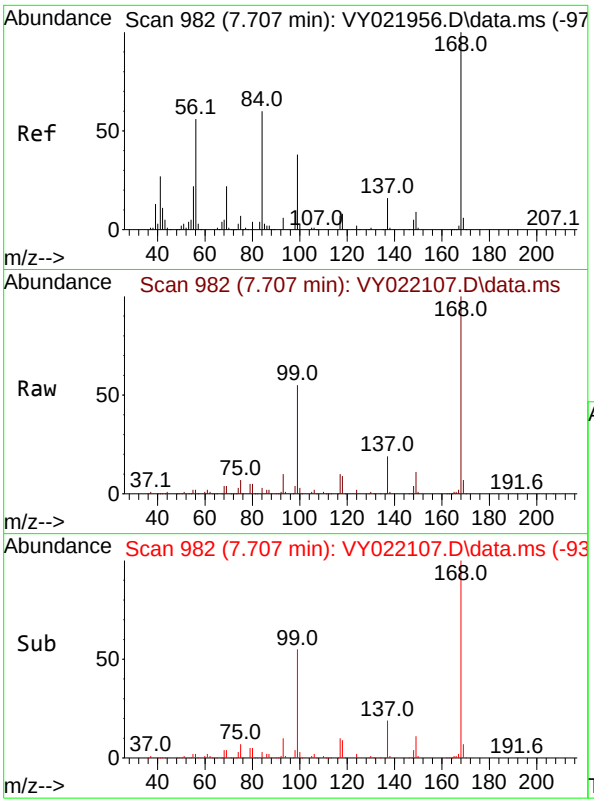
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022107.D
Acq On : 01 May 2025 15:02
Operator : SY/MD
Sample : Q1914-01
Misc : 7.72g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Quant Time: May 02 01:30:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



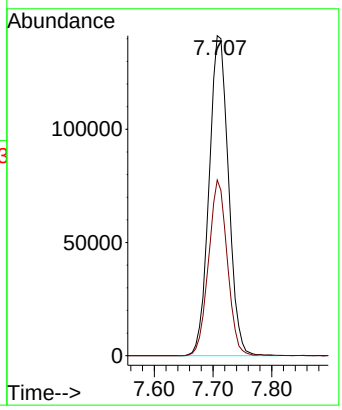


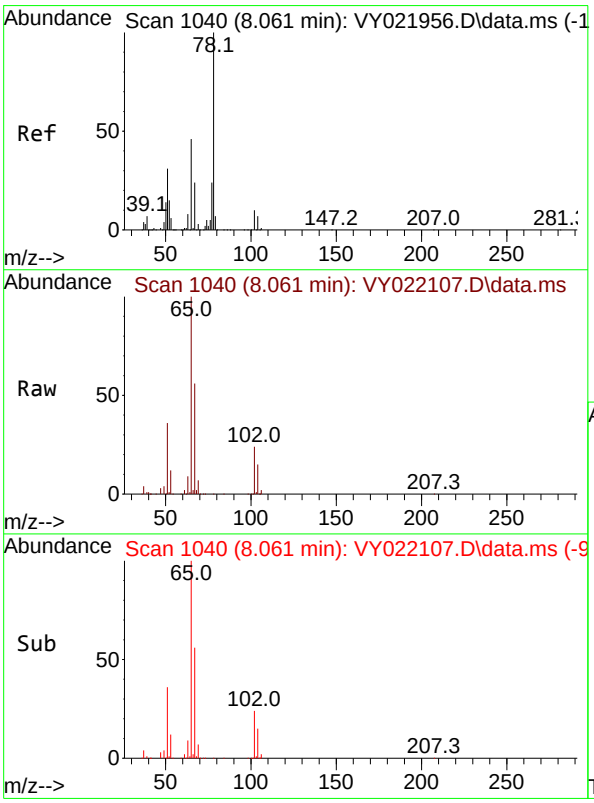
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Tgt Ion:168 Resp: 324354

Ion	Ratio	Lower	Upper
168	100		
99	54.9	43.1	64.7

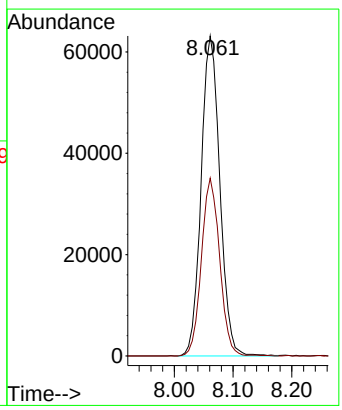


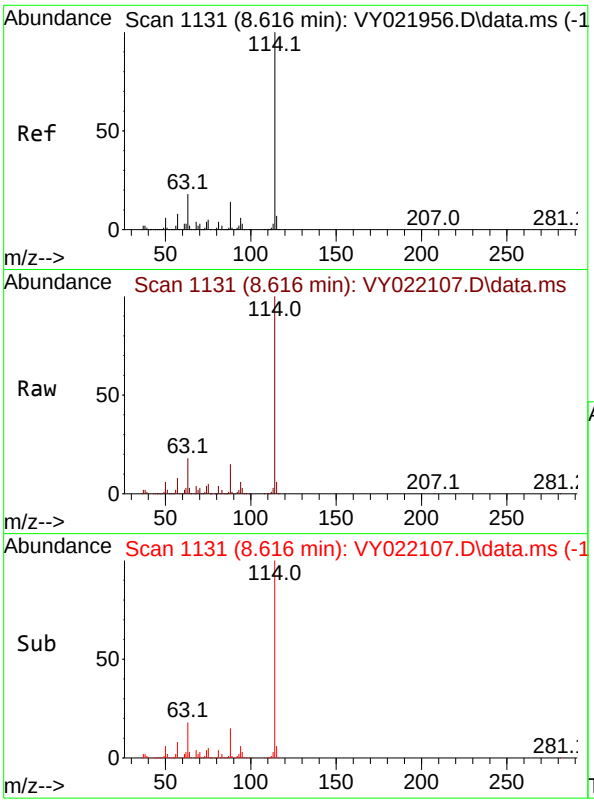


#33
1,2-Dichloroethane-d4
Concen: 46.710 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion: 65 Resp: 139943

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.8



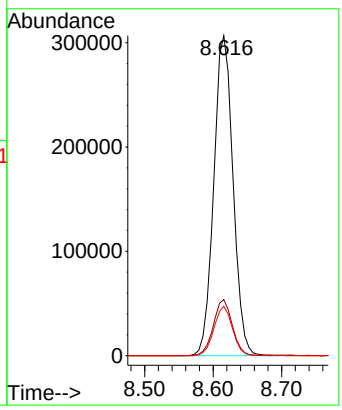


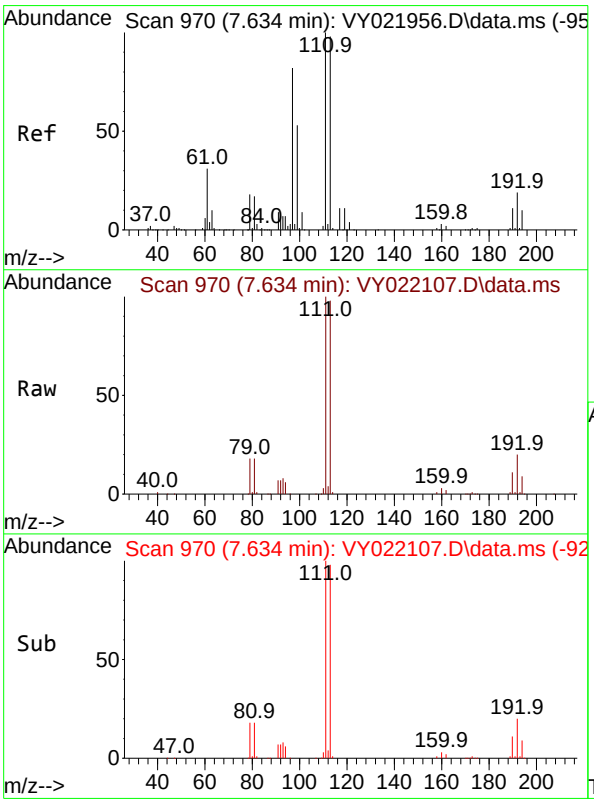
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Tgt Ion:114 Resp: 597762

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.4
88	15.4	0.0	28.2

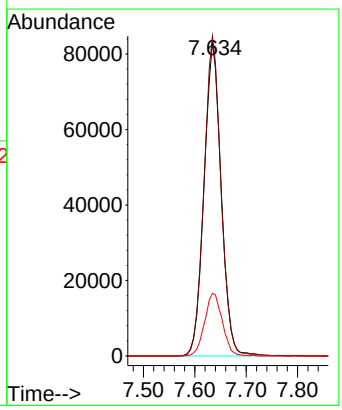


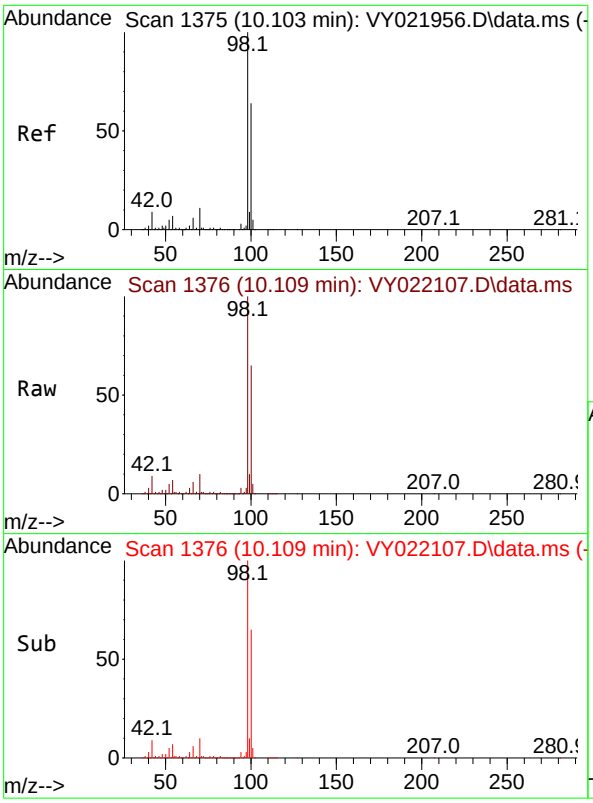


#35
Dibromofluoromethane
Concen: 48.731 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion:113 Resp: 192445

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.8
192	20.7	15.6	23.4



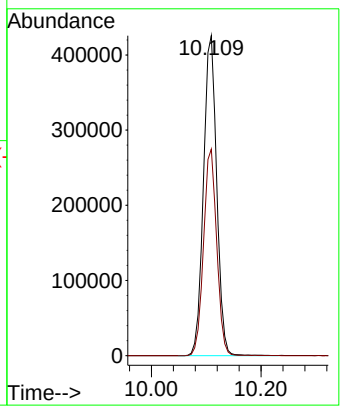


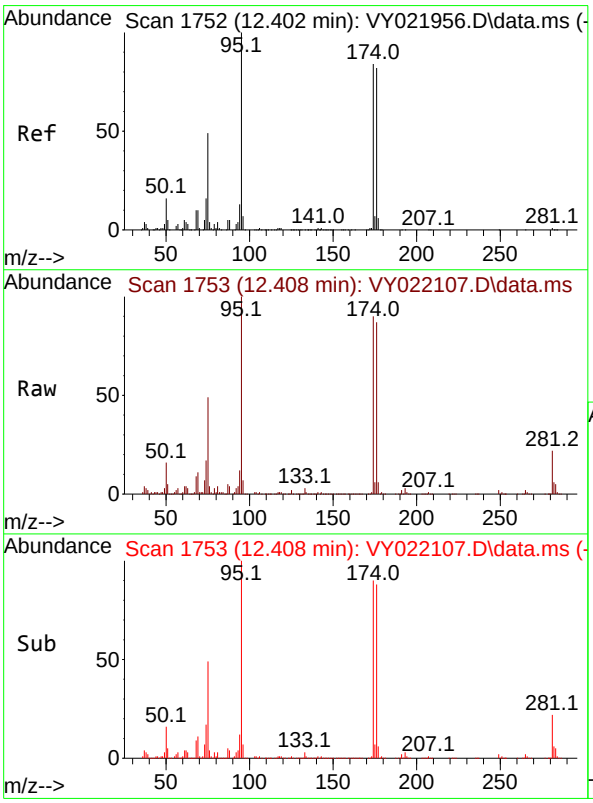
#50
Toluene-d8
Concen: 47.676 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Tgt Ion: 98 Resp: 709809

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

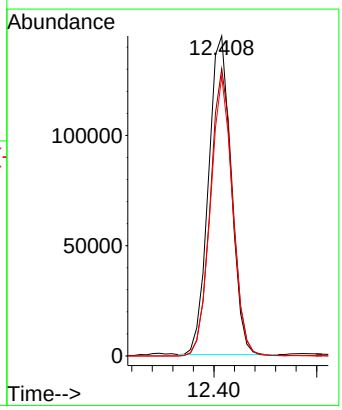


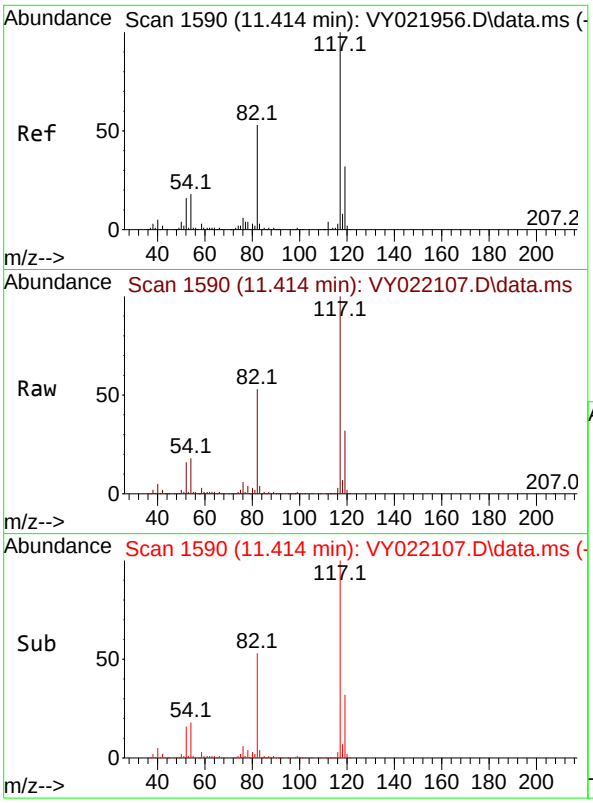


#62
4-Bromofluorobenzene
Concen: 43.842 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion: 95 Resp: 219737

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	179.0
176	86.2	0.0	171.8



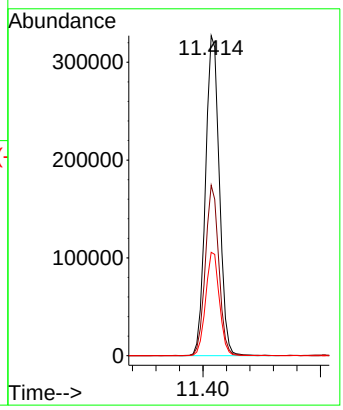


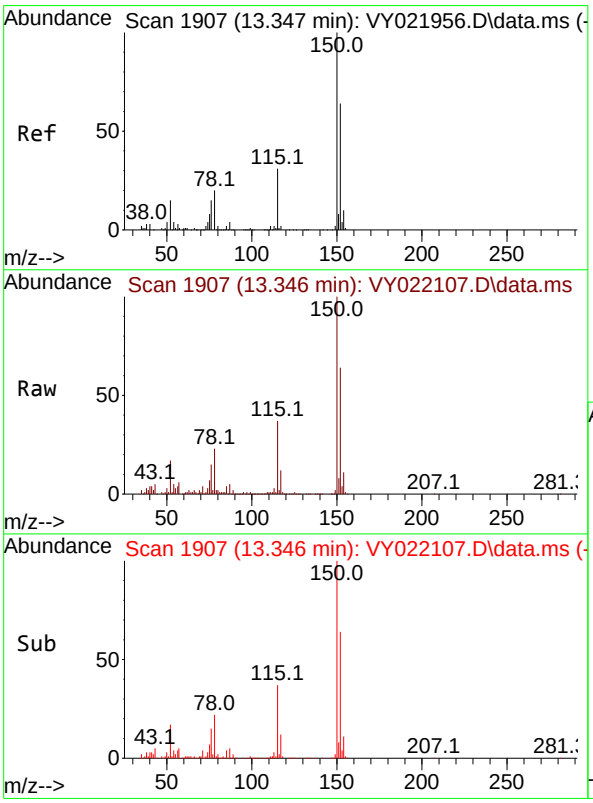
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Instrument :
MSVOA_Y
ClientSampleId :
SS-1

Tgt Ion:117 Resp: 534537

Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.1	63.1
119	32.3	25.7	38.5

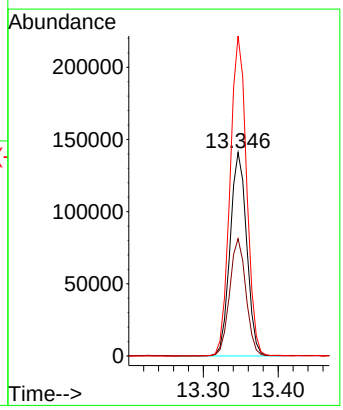




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022107.D
Acq: 01 May 2025 15:02

Tgt Ion:152 Resp: 218119

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.0	84.0
150	156.9	0.0	345.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-91	SDG No.:	Q1914
Lab Sample ID:	Q1914-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.5
Sample Wt/Vol:	7.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022108.D	1		05/01/25 15:28	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.80	U	0.60	3.80	ug/Kg
108-88-3	Toluene	3.80	U	0.59	3.80	ug/Kg
100-41-4	Ethyl Benzene	3.80	U	0.51	3.80	ug/Kg
1330-20-7	Total Xylenes	11.4	U	1.56	11.4	ug/Kg
98-82-8	Isopropylbenzene	3.80	U	0.59	3.80	ug/Kg
103-65-1	n-propylbenzene	3.80	U	0.56	3.80	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	0.87	J	0.62	3.80	ug/Kg
98-06-6	tert-Butylbenzene	3.80	U	0.51	3.80	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.80	U	0.49	3.80	ug/Kg
135-98-8	sec-Butylbenzene	3.80	U	0.50	3.80	ug/Kg
99-87-6	p-Isopropyltoluene	3.80	U	0.47	3.80	ug/Kg
104-51-8	n-Butylbenzene	3.80	U	1.10	3.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.1		63 - 155	86%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	48.4		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.5		38 - 136	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	377000	7.707			
540-36-3	1,4-Difluorobenzene	687000	8.615			
3114-55-4	Chlorobenzene-d5	619000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	255000	13.346			

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_Y\Data\VY050125\
Data File : VY022108.D
Acq On : 01 May 2025 15:28
Operator : SY/MD
Sample : Q1914-02
Misc : 7.60g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-91

Quant Time: May 02 01:30:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

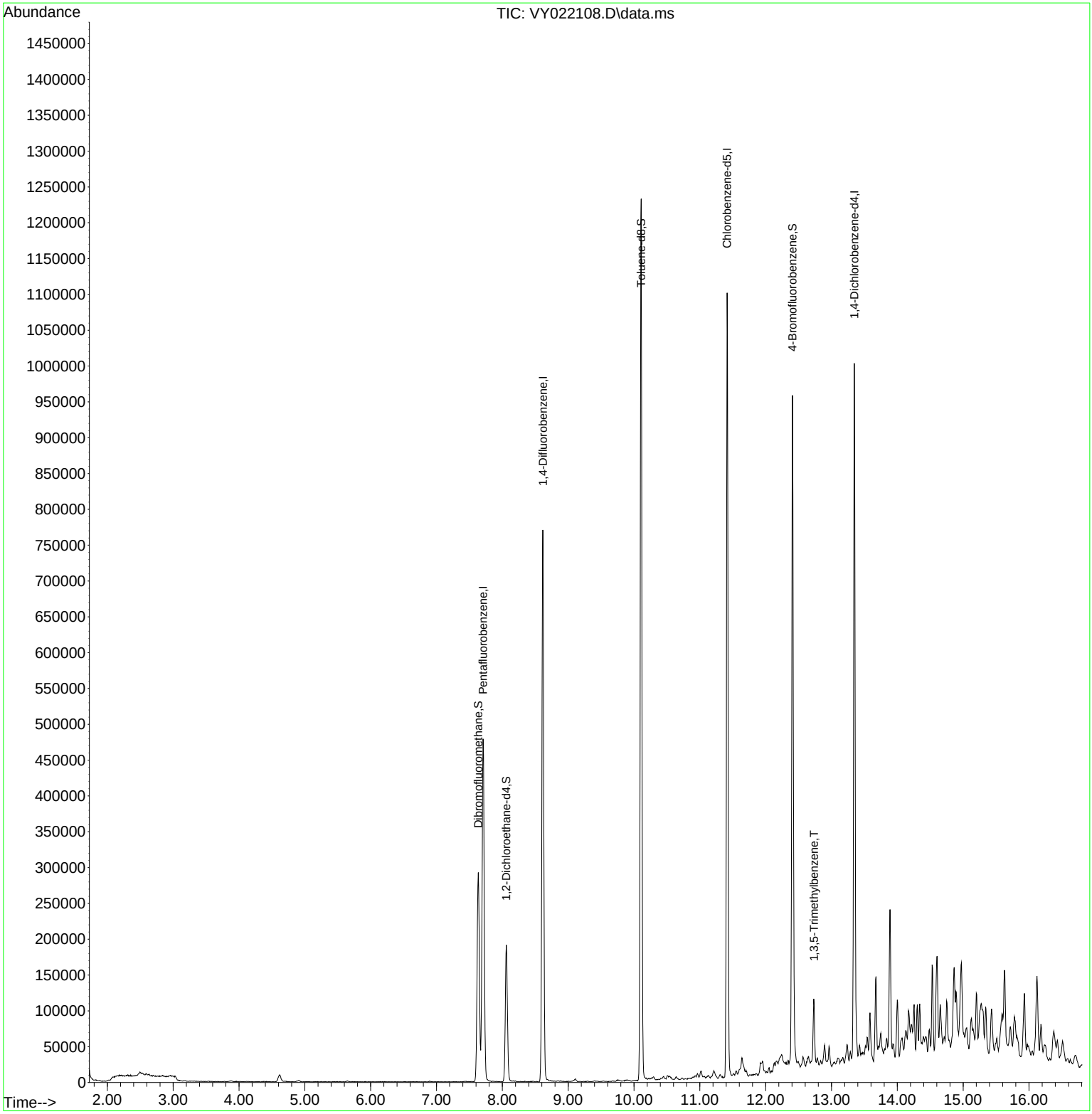
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	377287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	686536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	618810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	255221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150161	43.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.180%			
35) Dibromofluoromethane	7.634	113	212201	46.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.580%			
50) Toluene-d8	10.109	98	827662	48.403	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.800%			
62) 4-Bromofluorobenzene	12.407	95	256059	44.483	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.960%			
Target Compounds						Qvalue
80) 1,3,5-Trimethylbenzene	12.737	105	16067	1.144	ug/l	95

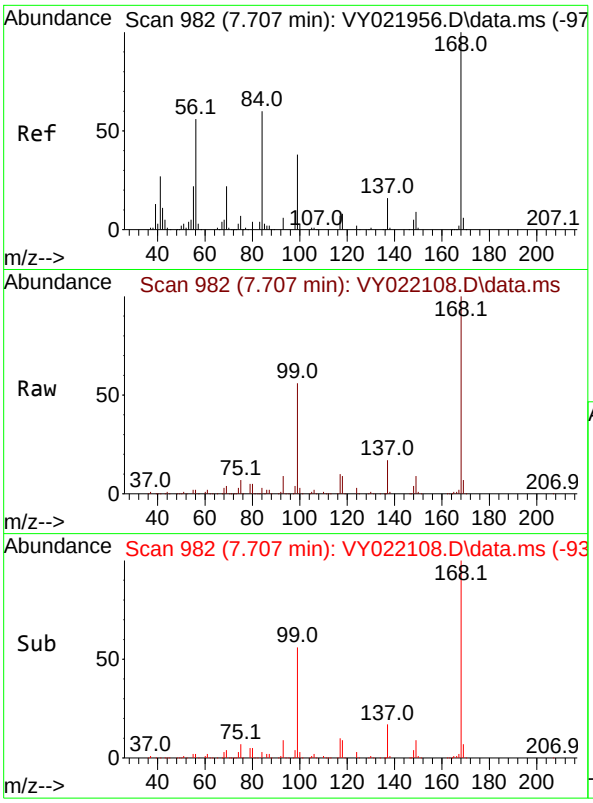
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022108.D
Acq On : 01 May 2025 15:28
Operator : SY/MD
Sample : Q1914-02
Misc : 7.60g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-91

Quant Time: May 02 01:30:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



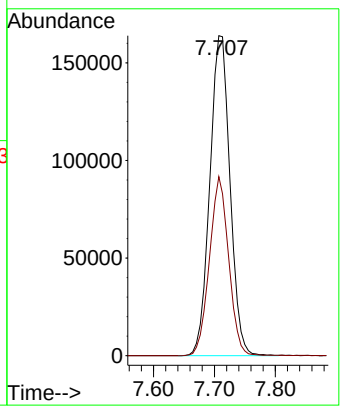


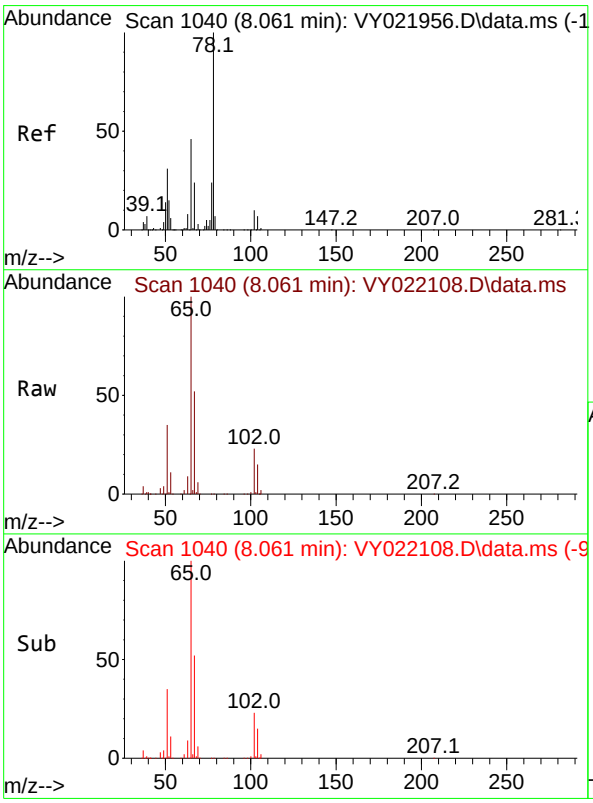
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Instrument :
MSVOA_Y
ClientSampleId :
SS-91

Tgt Ion:168 Resp: 377287

Ion	Ratio	Lower	Upper
168	100		
99	56.0	43.1	64.7

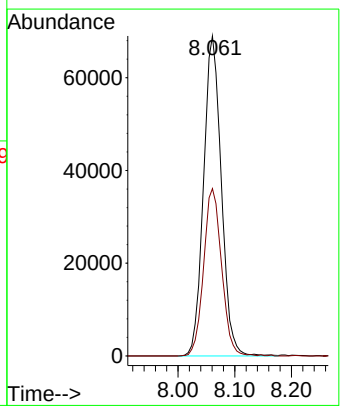


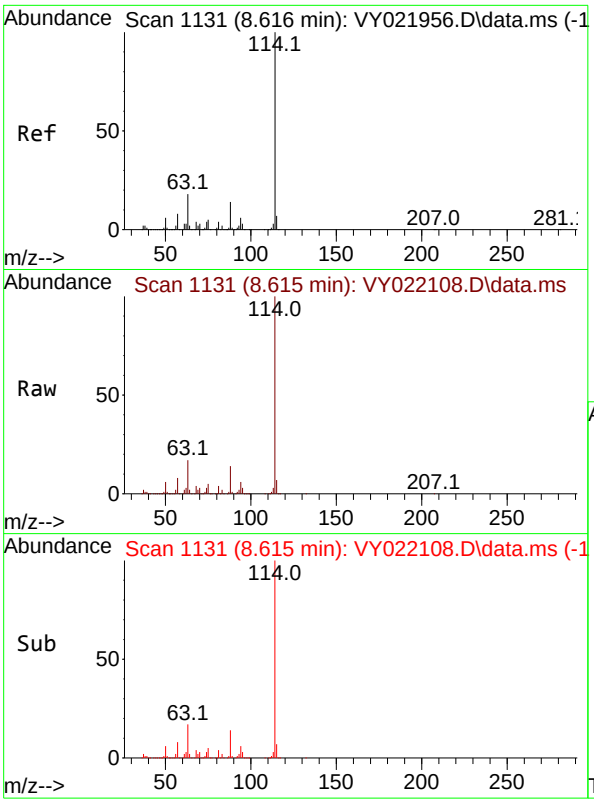


#33
1,2-Dichloroethane-d4
Concen: 43.089 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Tgt Ion: 65 Resp: 150161

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8



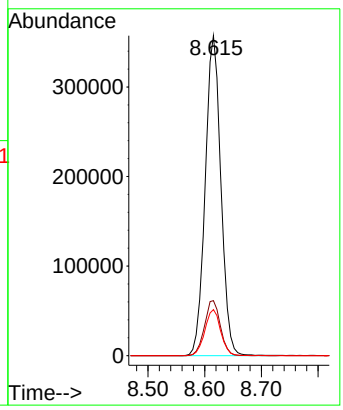


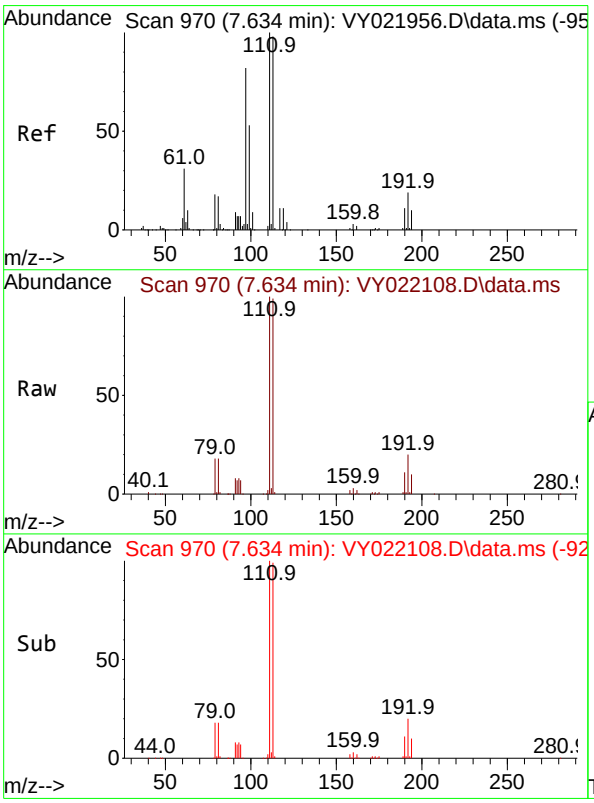
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Instrument :
MSVOA_Y
ClientSampleId :
SS-91

Tgt Ion:114 Resp: 686536

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.4
88	14.4	0.0	28.2

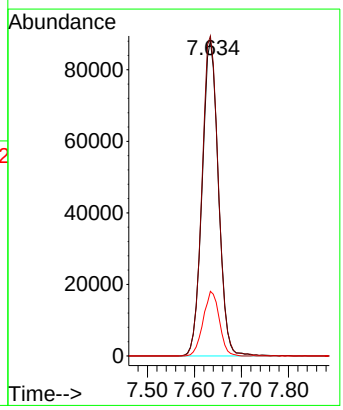


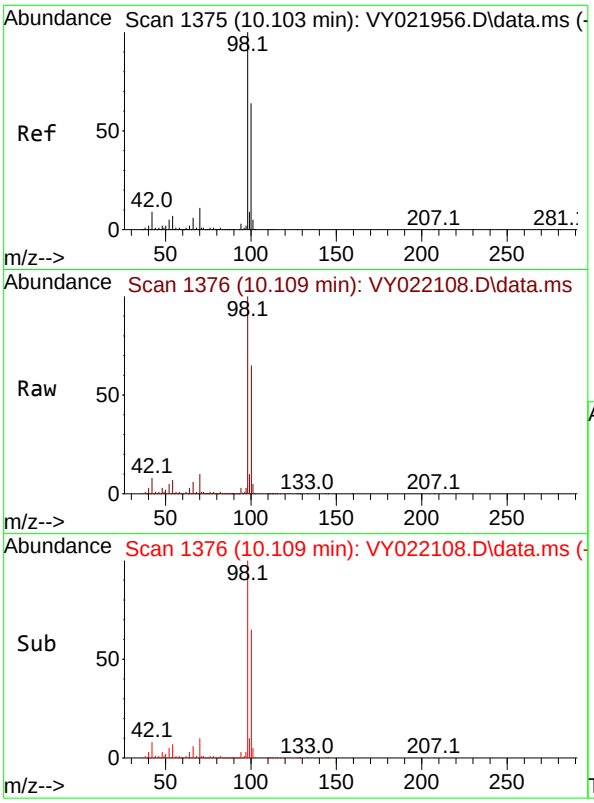


#35
Dibromofluoromethane
Concen: 46.785 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Tgt Ion:113 Resp: 212201

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	20.3	15.6	23.4



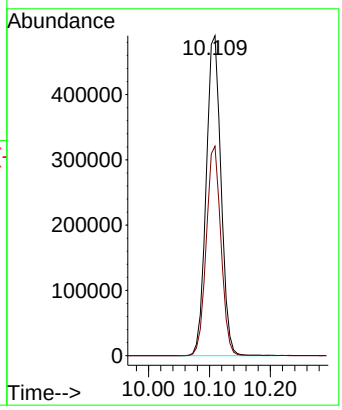


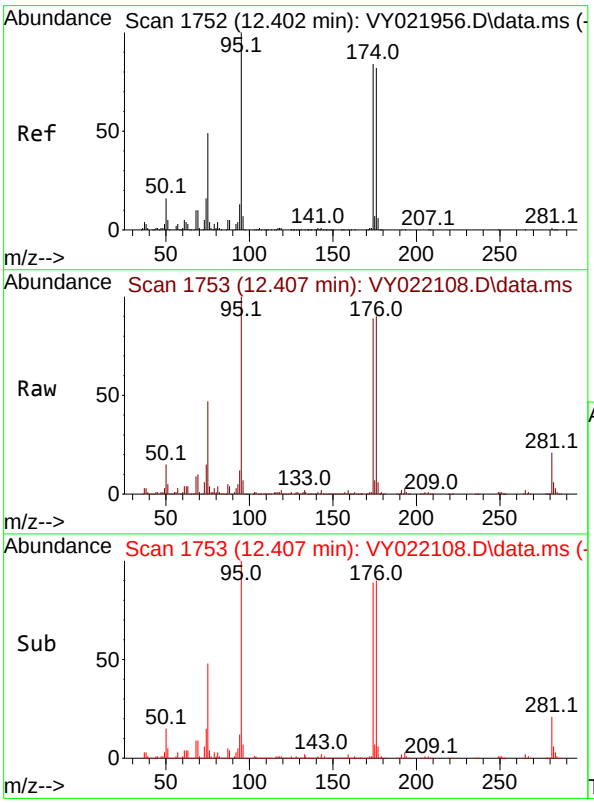
#50
Toluene-d8
Concen: 48.403 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Instrument :
MSVOA_Y
ClientSampleId :
SS-91

Tgt Ion: 98 Resp: 827662

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4

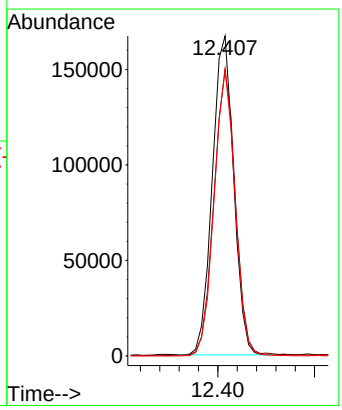


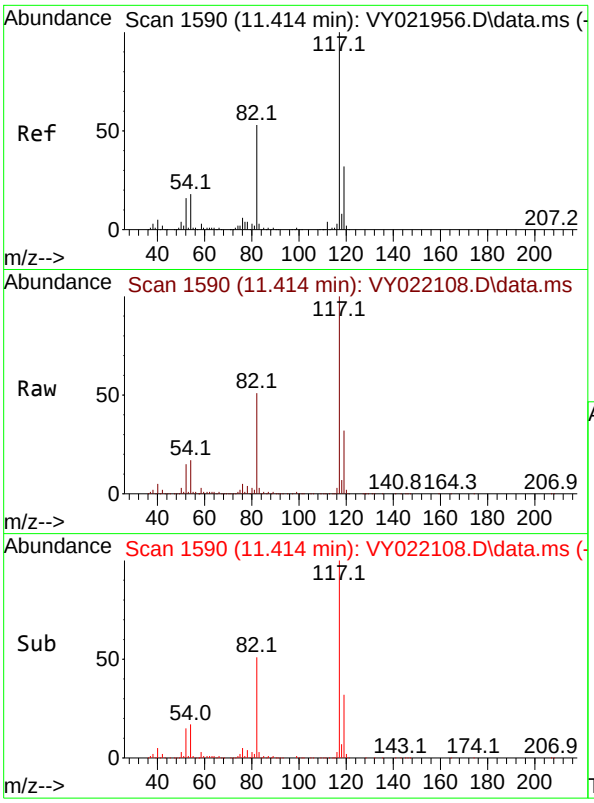


#62
4-Bromofluorobenzene
Concen: 44.483 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Tgt Ion: 95 Resp: 256059

Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	179.0
176	88.0	0.0	171.8



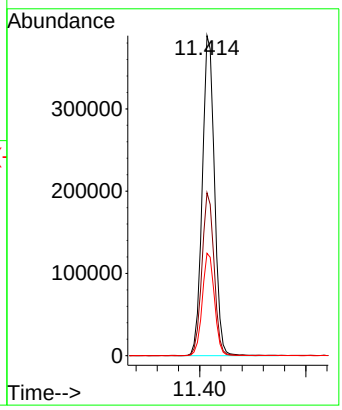


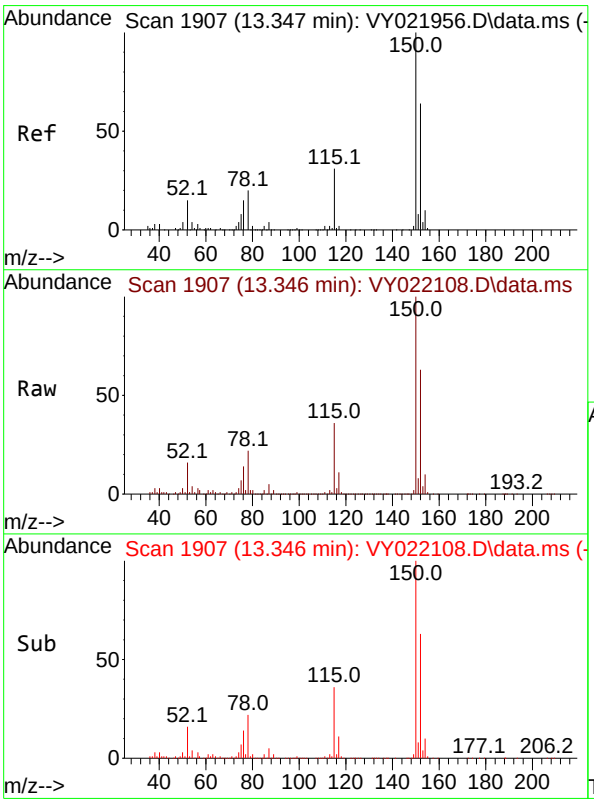
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Instrument :
MSVOA_Y
ClientSampleId :
SS-91

Tgt Ion:117 Resp: 618810

Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.1	63.1
119	32.0	25.7	38.5

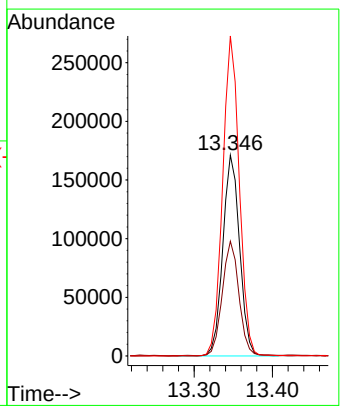


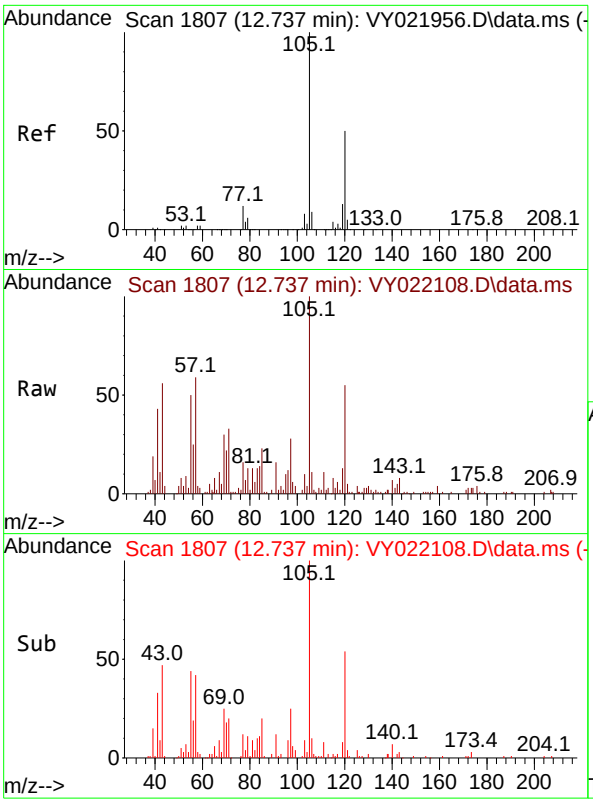


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Tgt Ion:152 Resp: 255221

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.0	84.0
150	158.0	0.0	345.6



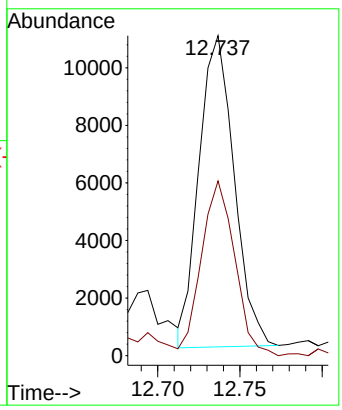


#80
1,3,5-Trimethylbenzene
Concen: 1.144 ug/l
RT: 12.737 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022108.D
Acq: 01 May 2025 15:28

Instrument :
MSVOA_Y
ClientSampleId :
SS-91

Tgt Ion:105 Resp: 16067

Ion	Ratio	Lower	Upper
105	100		
120	53.3	25.0	75.0



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-2	SDG No.:	Q1914
Lab Sample ID:	Q1914-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.1
Sample Wt/Vol:	8.24 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022109.D	1		05/01/25 16:04	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.60	U	0.57	3.60	ug/Kg
108-88-3	Toluene	3.60	U	0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	3.60	U	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	10.8	U	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	3.60	U	0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	3.60	U	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.60	U	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.60	U	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	3.60	U	0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	3.60	U	1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.8		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.3		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		38 - 136	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	335000	7.707			
540-36-3	1,4-Difluorobenzene	631000	8.616			
3114-55-4	Chlorobenzene-d5	599000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	259000	13.346			

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_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Quant Time: May 02 01:31:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

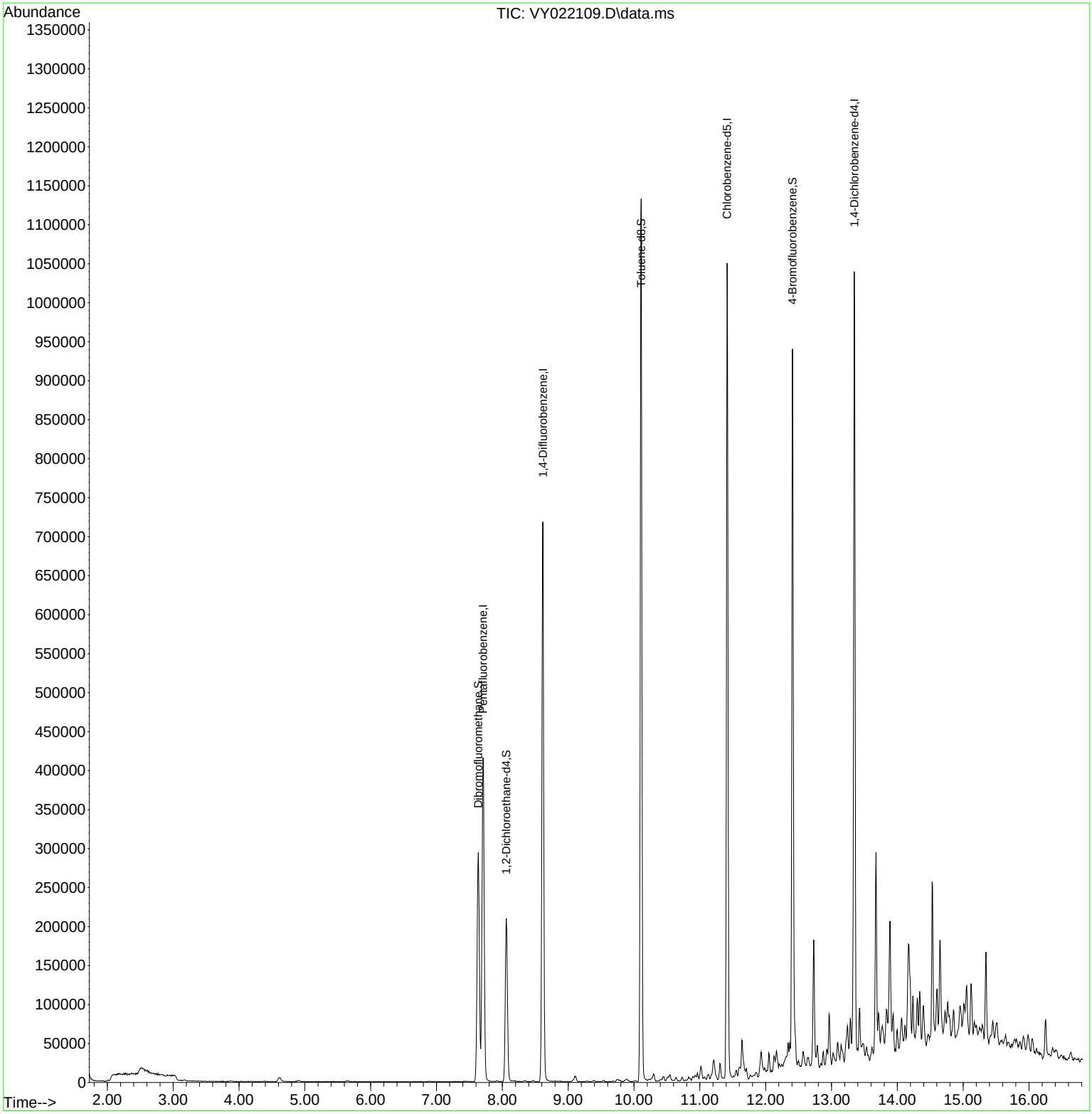
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	334804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	631024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	599039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	258914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	169383	54.772	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.540%			
35) Dibromofluoromethane	7.634	113	210852	50.578	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.160%			
50) Toluene-d8	10.109	98	758927	48.288	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.580%			
62) 4-Bromofluorobenzene	12.408	95	254119	48.030	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.060%			
Target Compounds						Qvalue

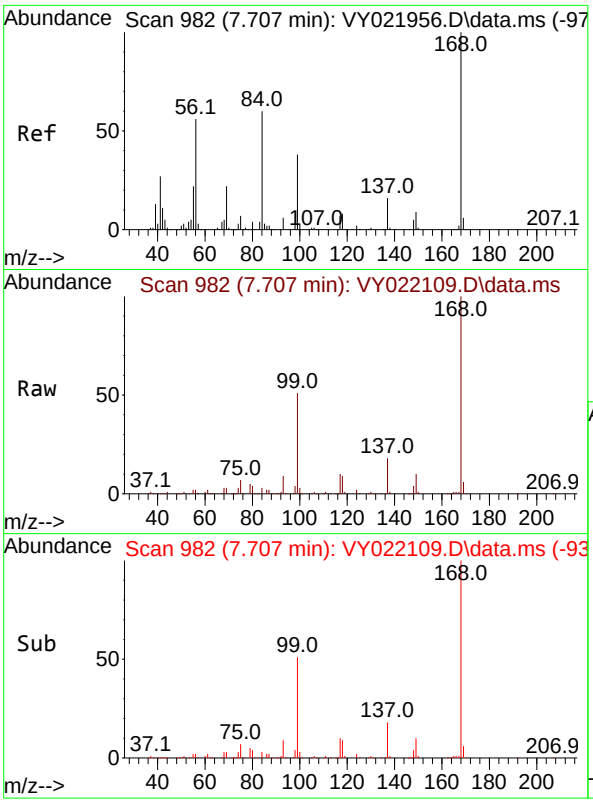
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022109.D
Acq On : 01 May 2025 16:04
Operator : SY/MD
Sample : Q1914-03
Misc : 8.24g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Quant Time: May 02 01:31:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



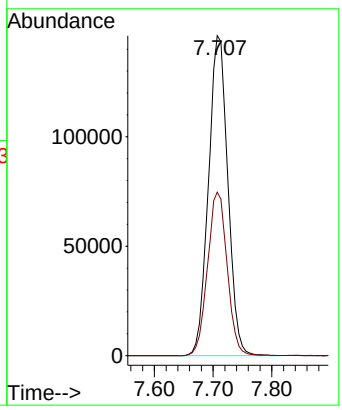


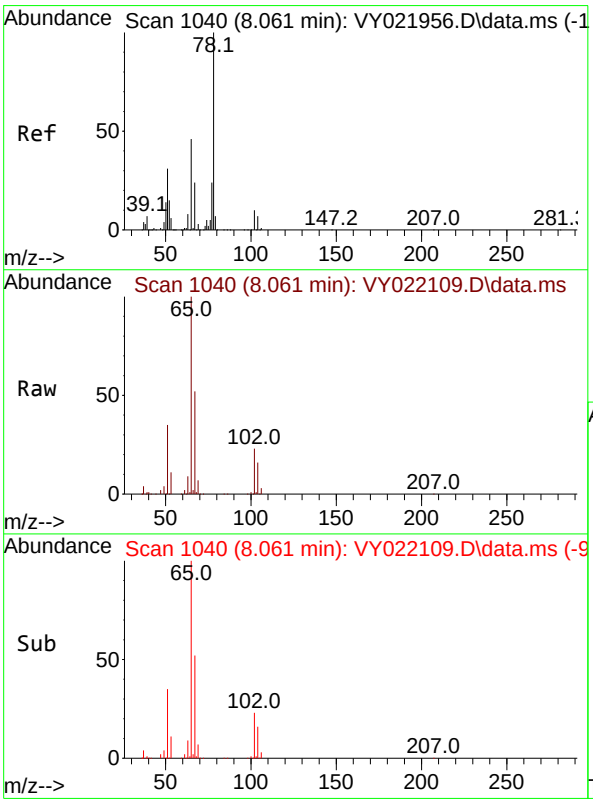
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Tgt Ion:168 Resp: 334804

Ion	Ratio	Lower	Upper
168	100		
99	51.1	43.1	64.7

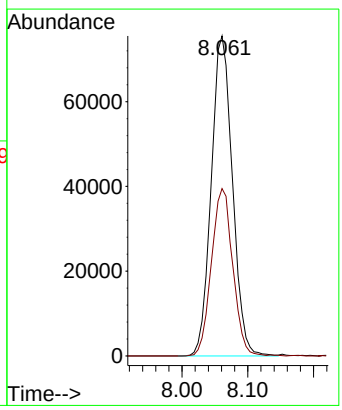


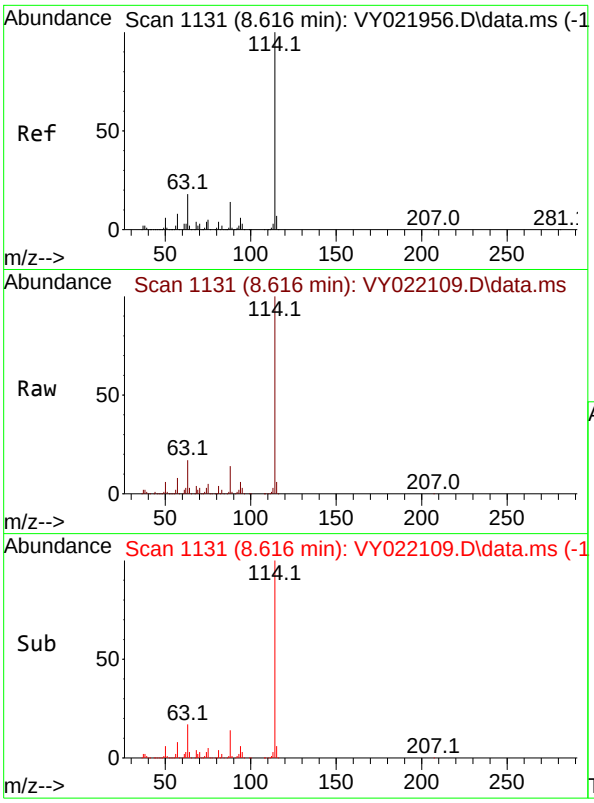


#33
1,2-Dichloroethane-d4
Concen: 54.772 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

Tgt Ion: 65 Resp: 169383

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.8



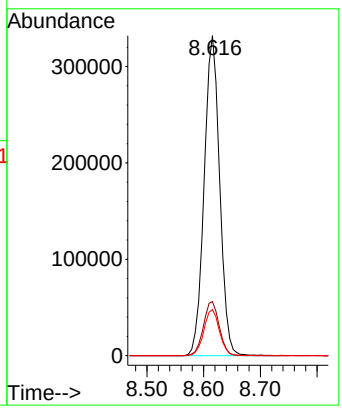


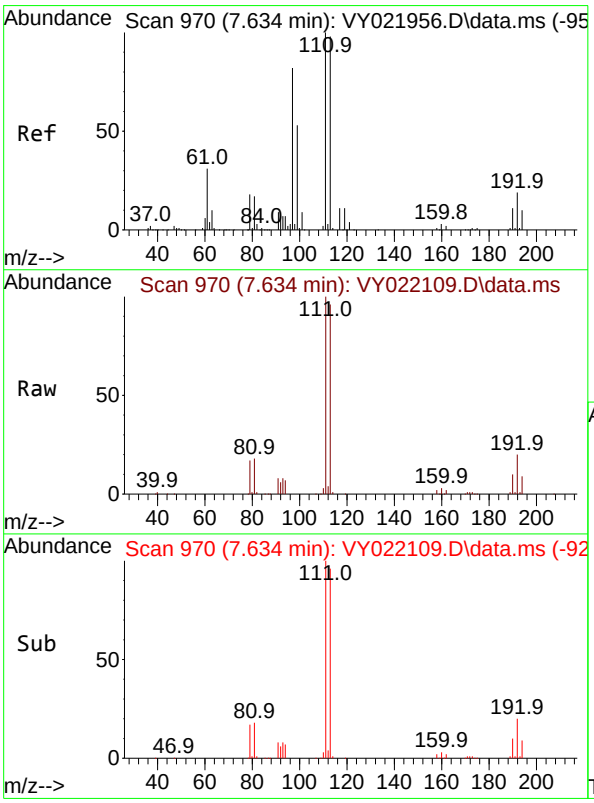
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Tgt Ion:114 Resp: 631024

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.4
88	14.4	0.0	28.2

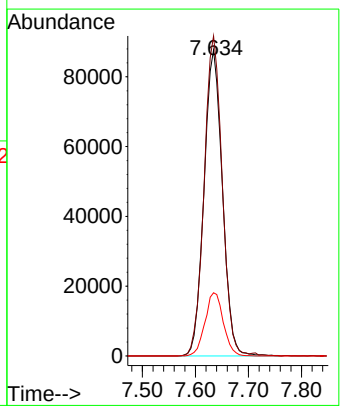


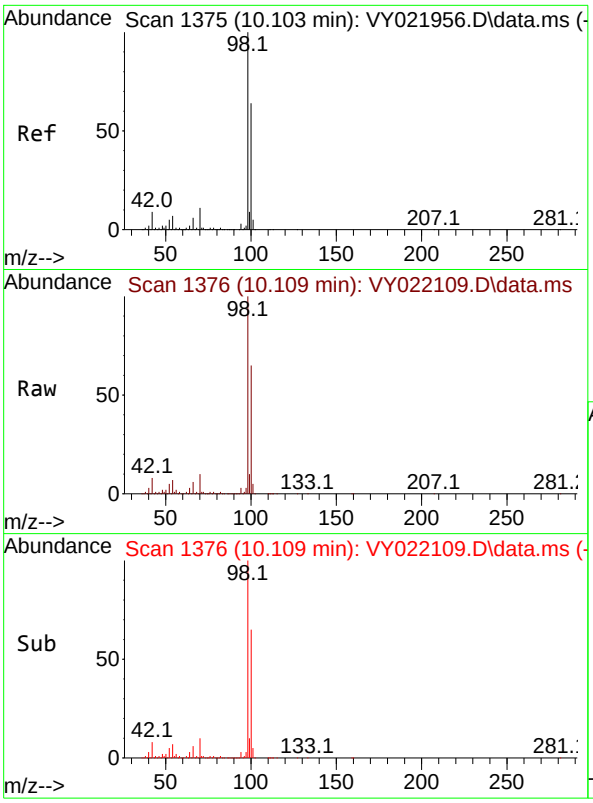


#35
Dibromofluoromethane
Concen: 50.578 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

Tgt Ion:113 Resp: 210852

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	20.7	15.6	23.4



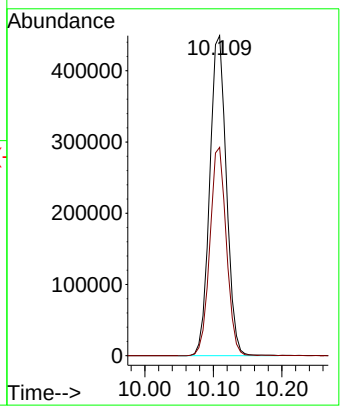


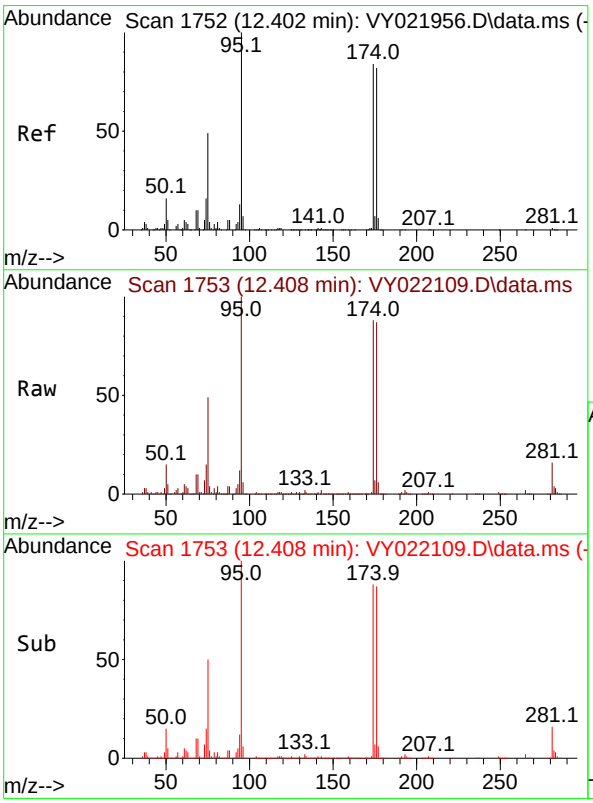
#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Tgt Ion: 98 Resp: 758927

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

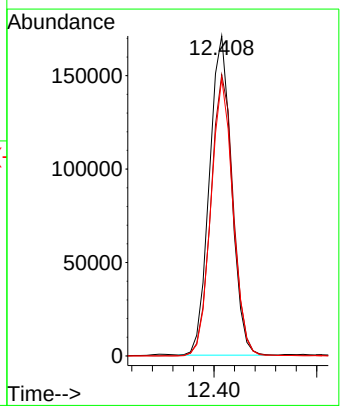


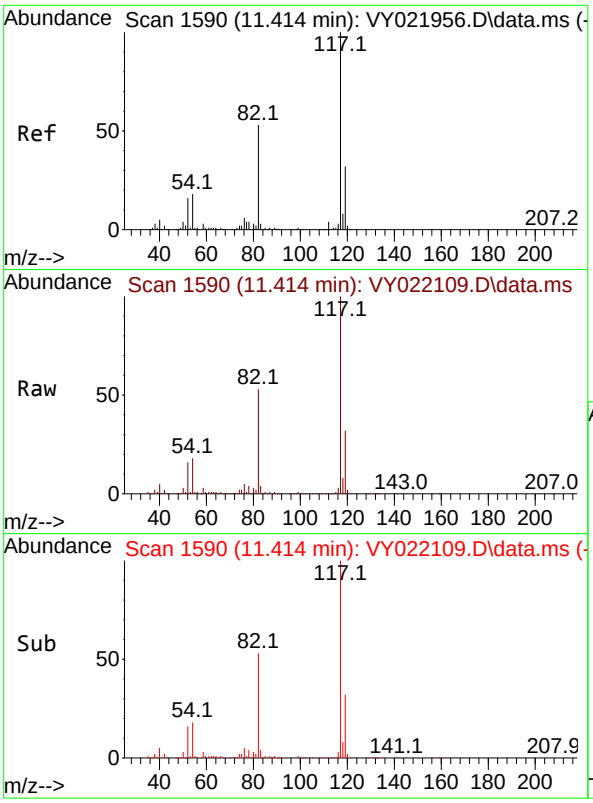


#62
4-Bromofluorobenzene
Concen: 48.030 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

Tgt Ion: 95 Resp: 254119

Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	179.0
176	86.6	0.0	171.8



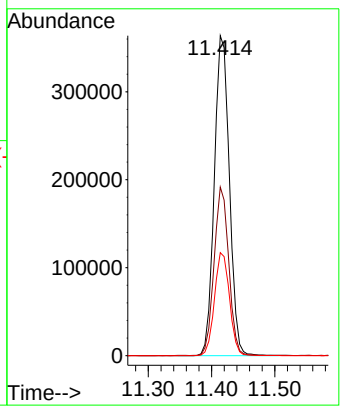


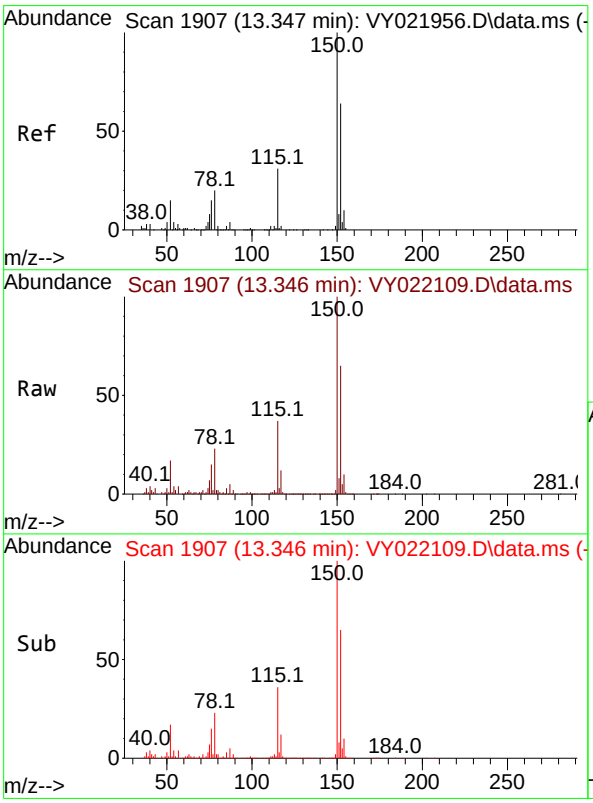
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Tgt Ion:117 Resp: 599039

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.2	25.7	38.5

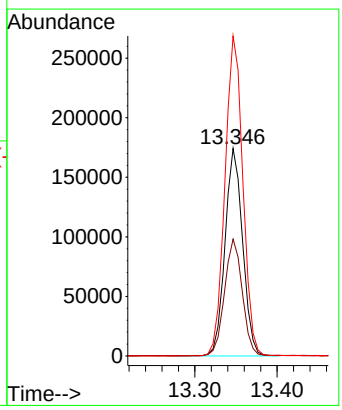




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022109.D
Acq: 01 May 2025 16:04

Tgt Ion:152 Resp: 258914

Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.0	84.0
150	156.7	0.0	345.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-3	SDG No.:	Q1914
Lab Sample ID:	Q1914-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.5
Sample Wt/Vol:	7.62 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022110.D	1		05/01/25 16:27	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.70	U	0.59	3.70	ug/Kg
108-88-3	Toluene	3.70	U	0.58	3.70	ug/Kg
100-41-4	Ethyl Benzene	3.70	U	0.50	3.70	ug/Kg
1330-20-7	Total Xylenes	11.2	U	1.54	11.2	ug/Kg
98-82-8	Isopropylbenzene	3.70	U	0.58	3.70	ug/Kg
103-65-1	n-propylbenzene	3.70	U	0.55	3.70	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.70	U	0.61	3.70	ug/Kg
98-06-6	tert-Butylbenzene	3.70	U	0.50	3.70	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.70	U	0.48	3.70	ug/Kg
135-98-8	sec-Butylbenzene	3.70	U	0.49	3.70	ug/Kg
99-87-6	p-Isopropyltoluene	3.70	U	0.46	3.70	ug/Kg
104-51-8	n-Butylbenzene	3.70	U	1.10	3.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	48.0		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		38 - 136	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	334000	7.707			
540-36-3	1,4-Difluorobenzene	624000	8.616			
3114-55-4	Chlorobenzene-d5	569000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	236000	13.346			

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_Y\Data\VY050125\
Data File : VY022110.D
Acq On : 01 May 2025 16:27
Operator : SY/MD
Sample : Q1914-04
Misc : 7.62g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

Quant Time: May 02 01:31:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

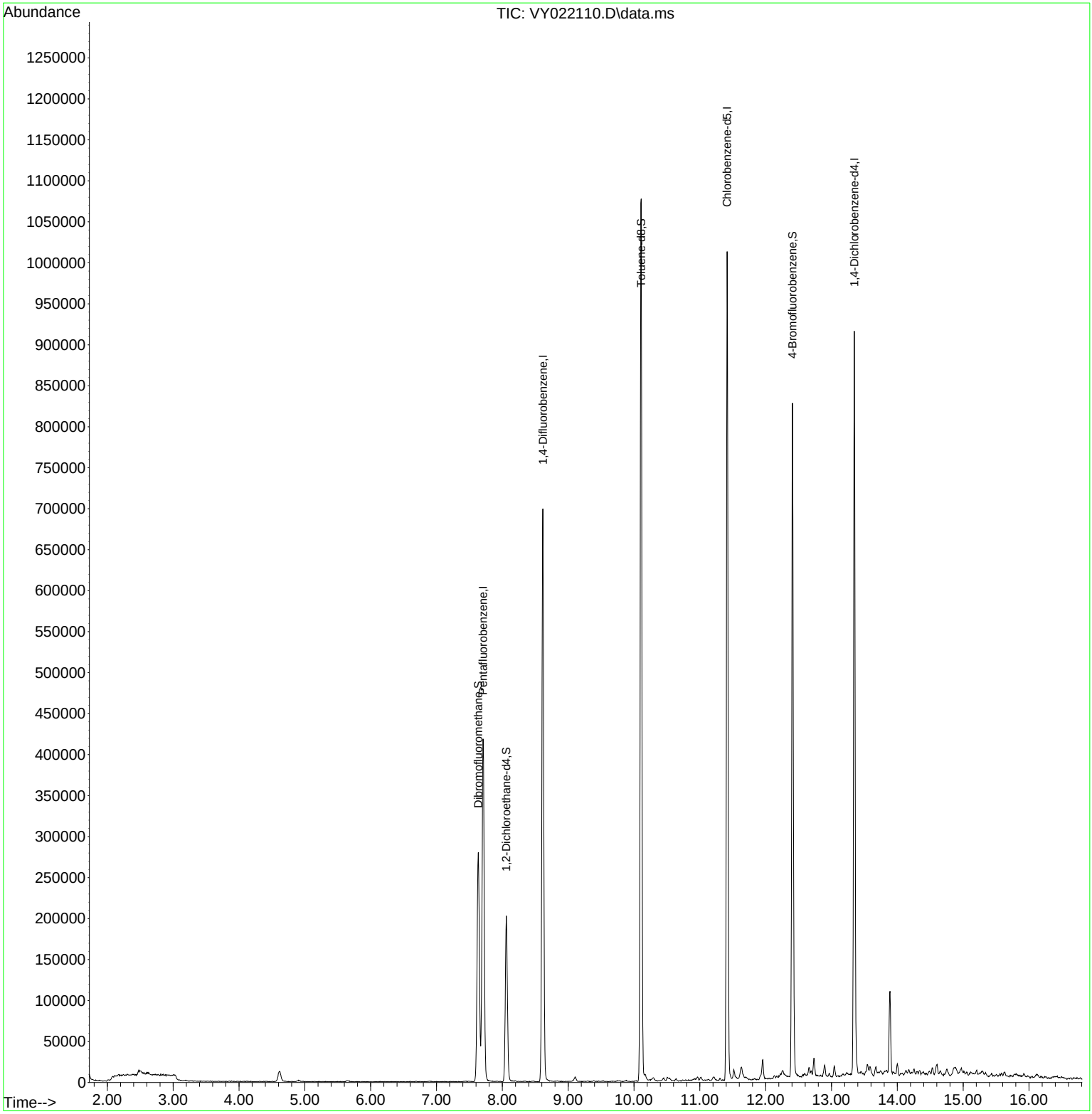
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	334416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	623746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	568605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	236192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156810	50.765	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.540%			
35) Dibromofluoromethane	7.634	113	204713	49.678	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.360%			
50) Toluene-d8	10.109	98	745626	47.995	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.000%			
62) 4-Bromofluorobenzene	12.408	95	235383	45.008	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.020%			
Target Compounds						Qvalue

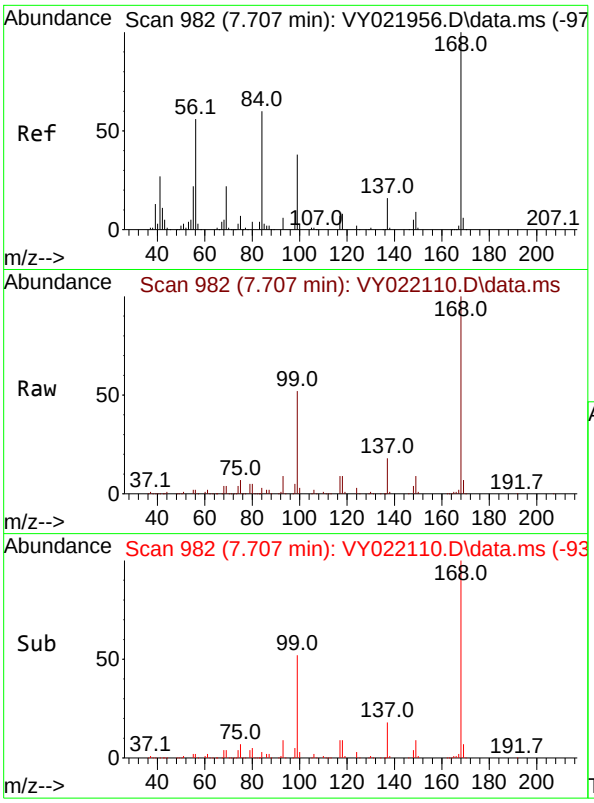
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022110.D
Acq On : 01 May 2025 16:27
Operator : SY/MD
Sample : Q1914-04
Misc : 7.62g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

Quant Time: May 02 01:31:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



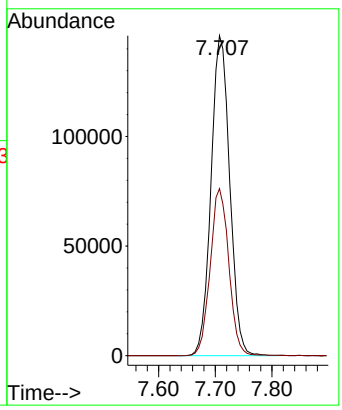


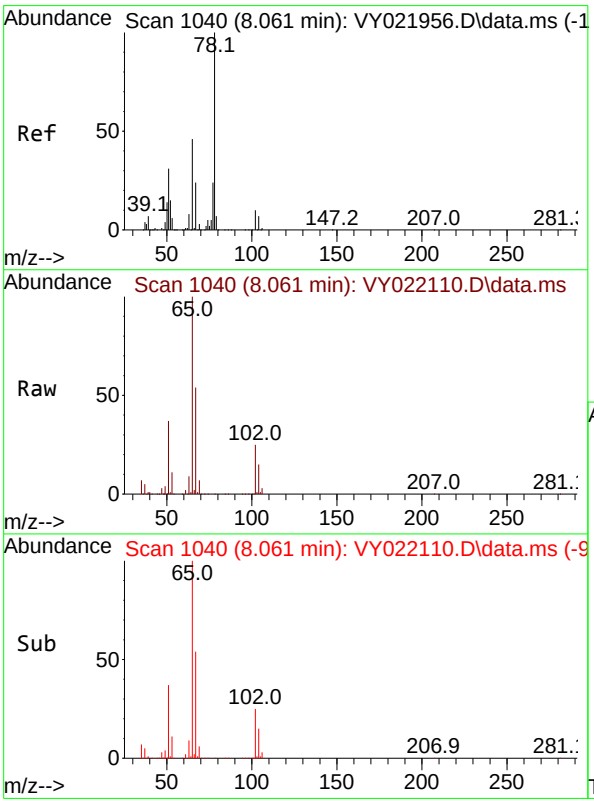
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

Tgt Ion:168 Resp: 334416

Ion	Ratio	Lower	Upper
168	100		
99	52.2	43.1	64.7

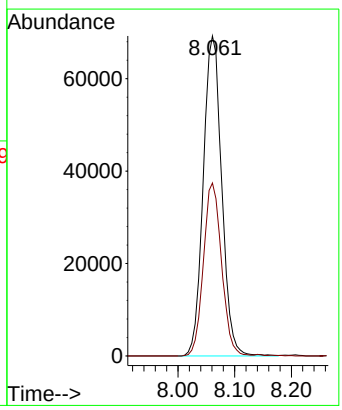


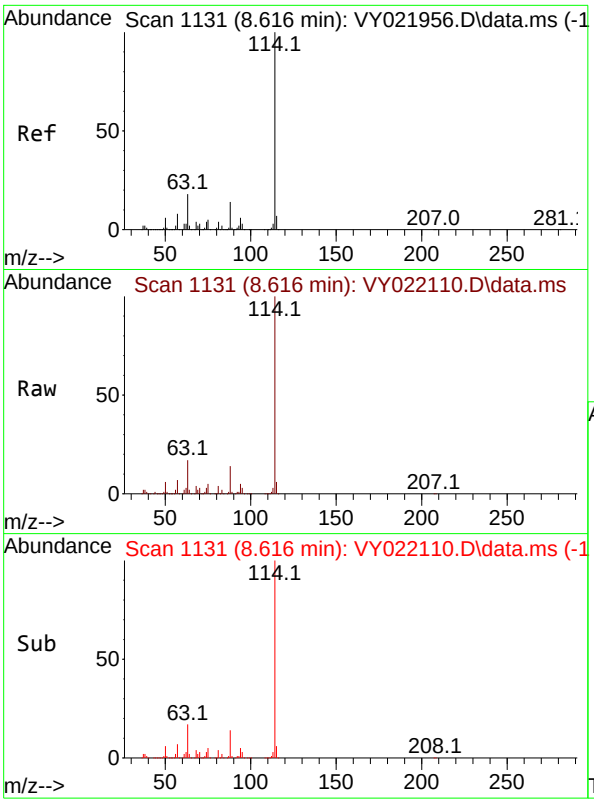


#33
1,2-Dichloroethane-d4
Concen: 50.765 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

Tgt Ion: 65 Resp: 156810

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



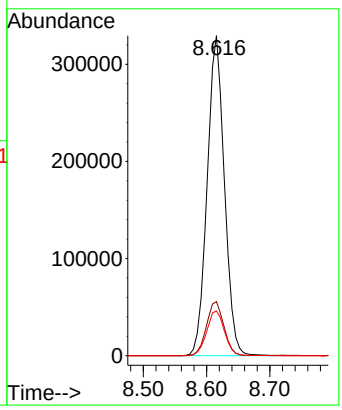


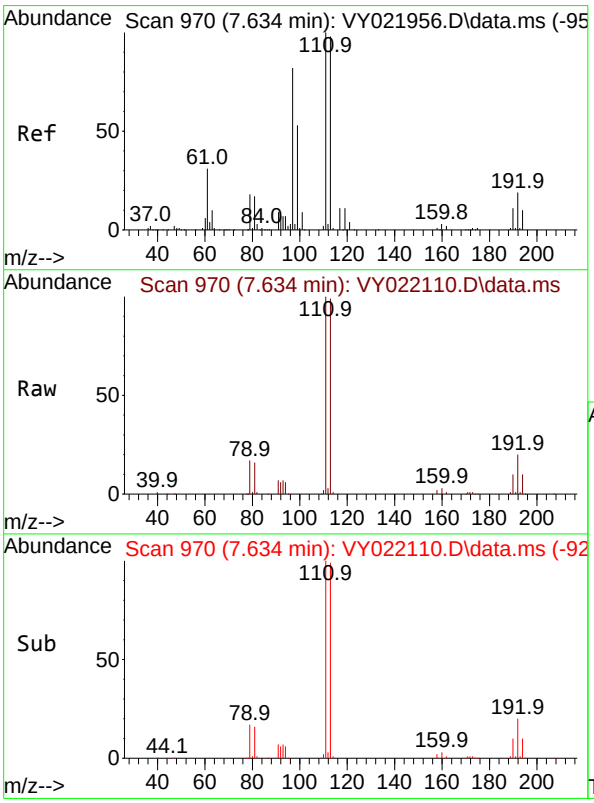
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

Tgt Ion:114 Resp: 623746

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.4
88	14.0	0.0	28.2

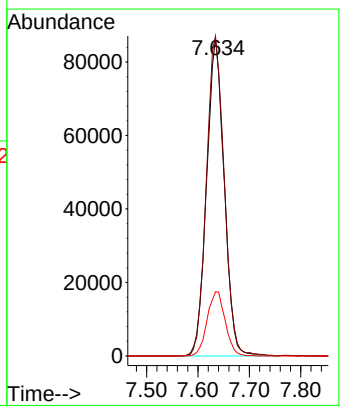


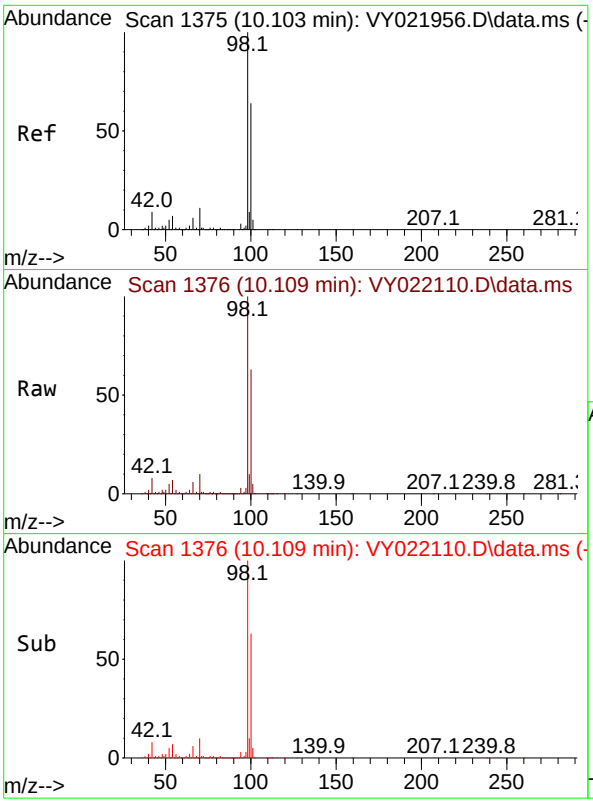


#35
Dibromofluoromethane
Concen: 49.678 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

Tgt Ion:113 Resp: 204713

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	20.8	15.6	23.4



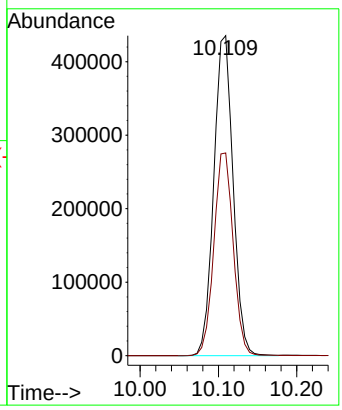


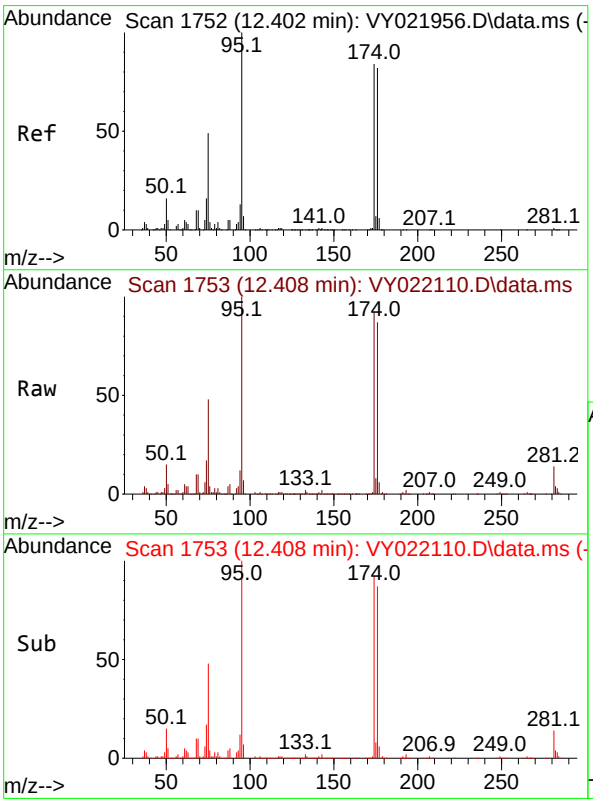
#50
Toluene-d8
Concen: 47.995 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

Tgt Ion: 98 Resp: 745626

Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.6	77.4

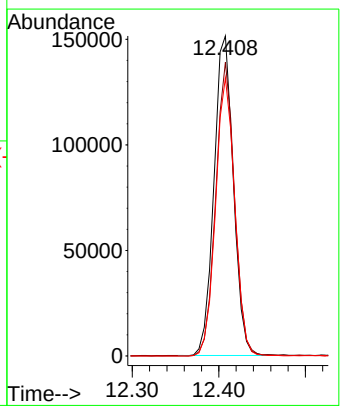


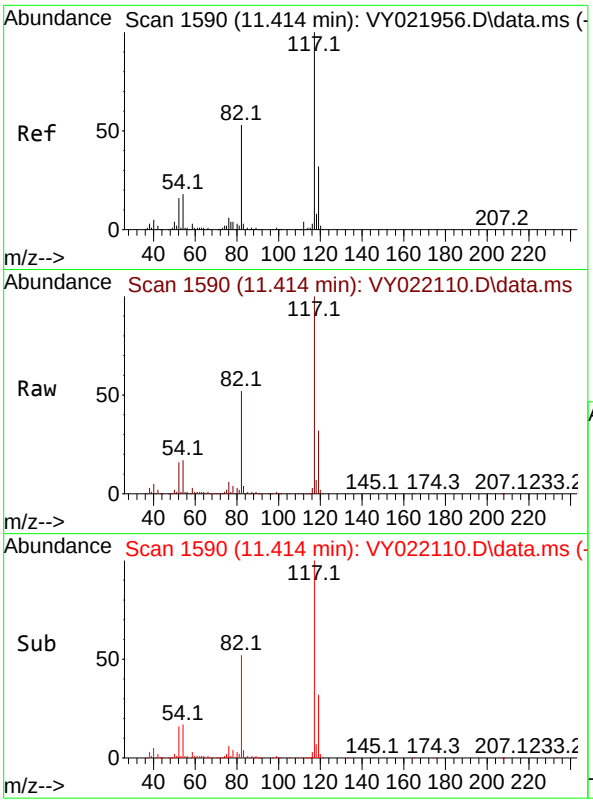


#62
4-Bromofluorobenzene
Concen: 45.008 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

Tgt Ion: 95 Resp: 235383

Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	179.0
176	86.1	0.0	171.8



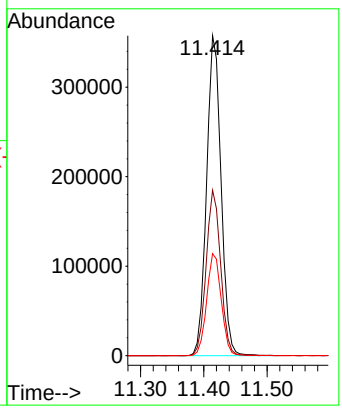


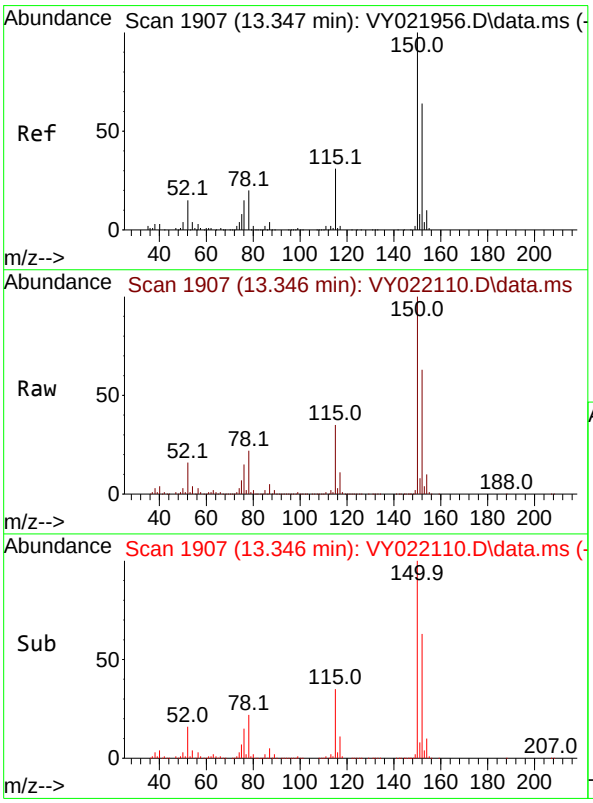
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

Instrument :
MSVOA_Y
ClientSampleId :
SS-3

Tgt Ion:117 Resp: 568605

Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.1	63.1
119	31.9	25.7	38.5

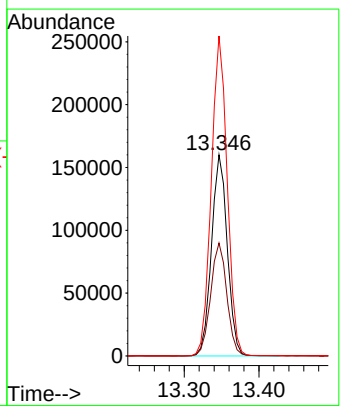




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022110.D
Acq: 01 May 2025 16:27

Tgt Ion:152 Resp: 236192

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.0	84.0
150	159.3	0.0	345.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-4	SDG No.:	Q1914
Lab Sample ID:	Q1914-05	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	86.5
Sample Wt/Vol:	7.07 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022111.D	1		05/01/25 16:49	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	4.10	U	0.65	4.10	ug/Kg
108-88-3	Toluene	4.10	U	0.64	4.10	ug/Kg
100-41-4	Ethyl Benzene	4.10	U	0.55	4.10	ug/Kg
1330-20-7	Total Xylenes	12.3	U	1.67	12.3	ug/Kg
98-82-8	Isopropylbenzene	4.10	U	0.64	4.10	ug/Kg
103-65-1	n-propylbenzene	4.10	U	0.60	4.10	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	4.10	U	0.67	4.10	ug/Kg
98-06-6	tert-Butylbenzene	4.10	U	0.55	4.10	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	4.10	U	0.52	4.10	ug/Kg
135-98-8	sec-Butylbenzene	4.10	U	0.54	4.10	ug/Kg
99-87-6	p-Isopropyltoluene	4.10	U	0.51	4.10	ug/Kg
104-51-8	n-Butylbenzene	4.10	U	1.20	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		63 - 155	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	47.2		74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.7		38 - 136	79%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	330000	7.707			
540-36-3	1,4-Difluorobenzene	612000	8.616			
3114-55-4	Chlorobenzene-d5	536000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	200000	13.346			

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_Y\Data\VY050125\
Data File : VY022111.D
Acq On : 01 May 2025 16:49
Operator : SY/MD
Sample : Q1914-05
Misc : 7.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Quant Time: May 02 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

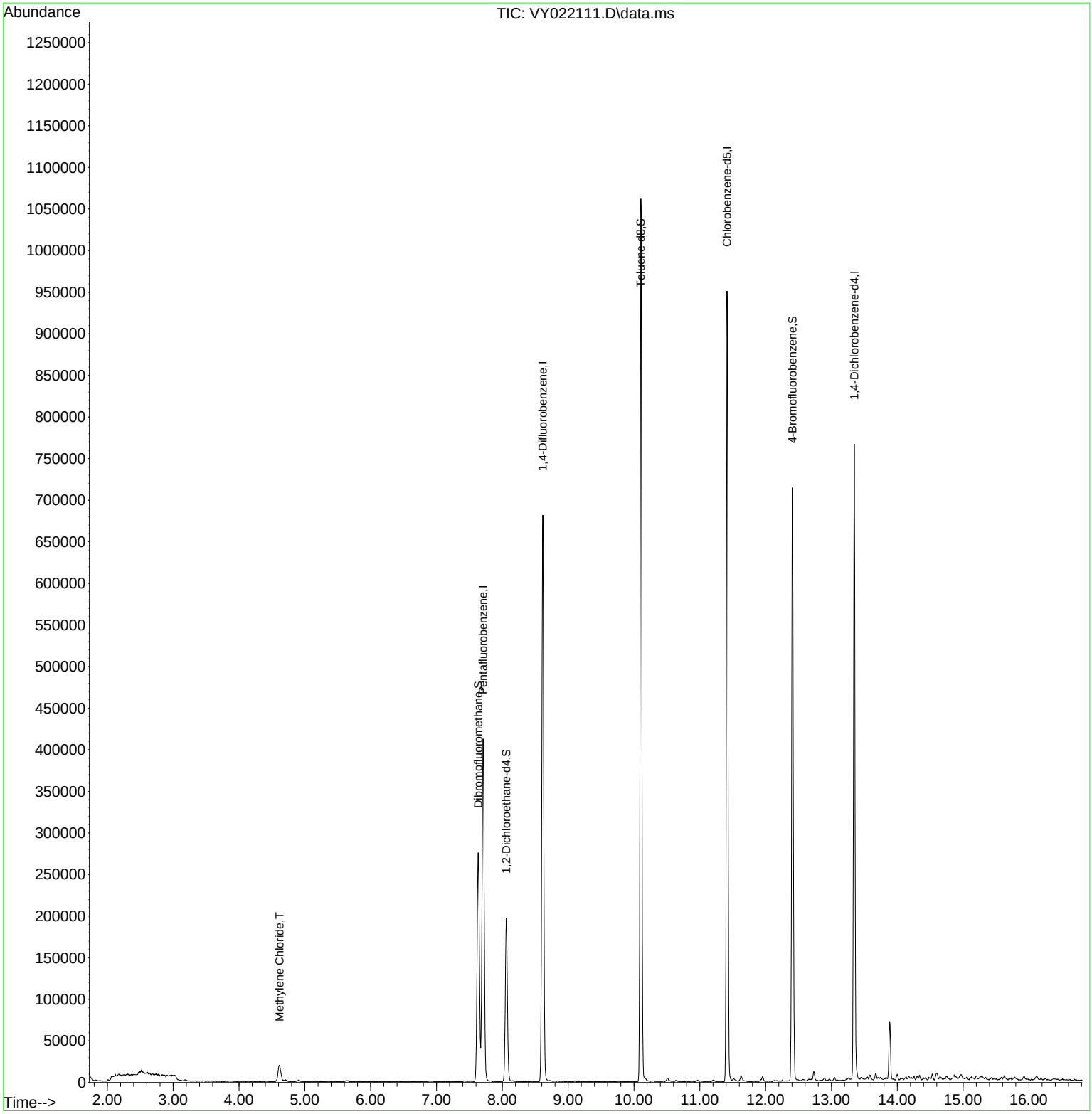
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	329699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	612320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	536248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	199649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154395	50.698	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.400%			
35) Dibromofluoromethane	7.634	113	199636	49.350	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.700%			
50) Toluene-d8	10.103	98	719805	47.198	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.400%			
62) 4-Bromofluorobenzene	12.408	95	203694	39.675	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.360%			
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	16237	4.217	ug/l	97

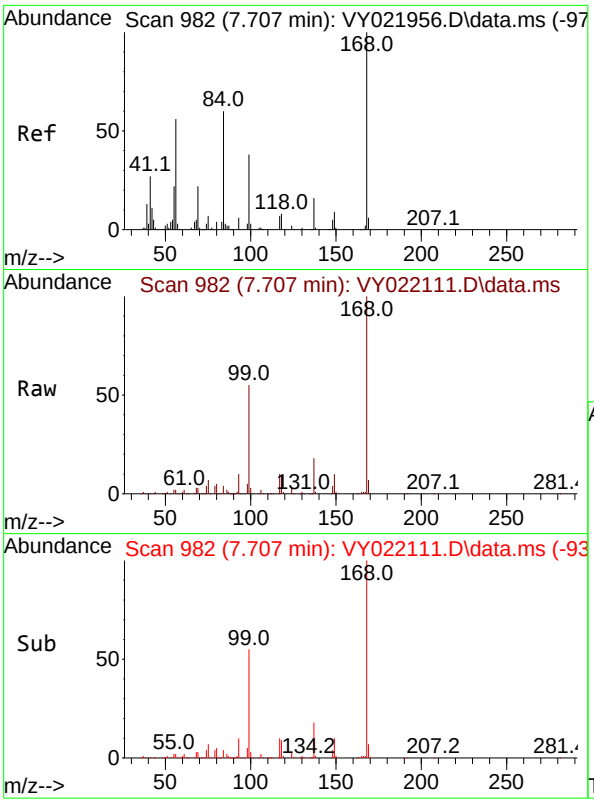
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022111.D
Acq On : 01 May 2025 16:49
Operator : SY/MD
Sample : Q1914-05
Misc : 7.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Quant Time: May 02 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



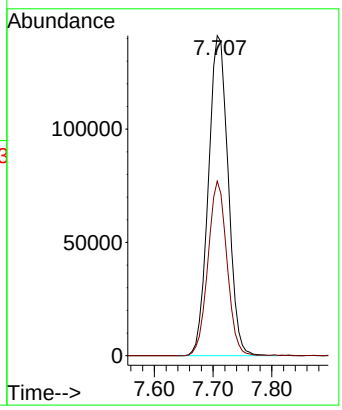


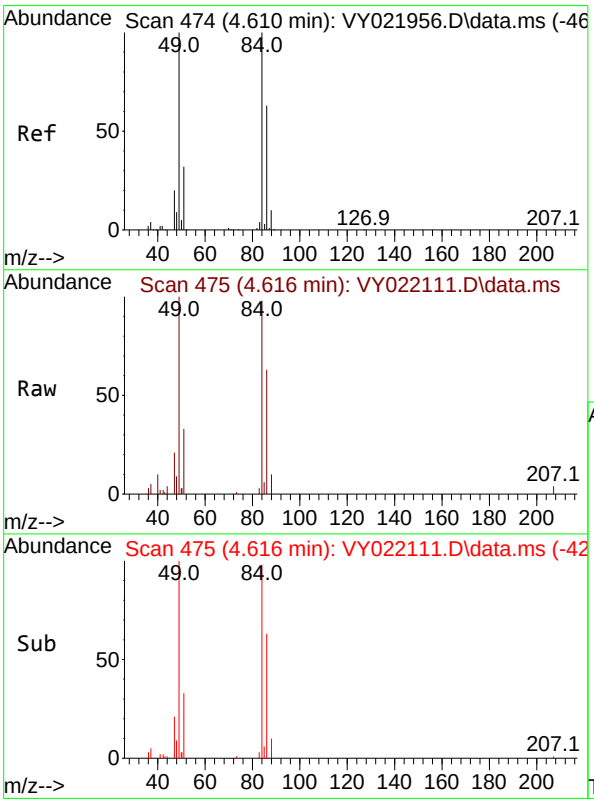
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Tgt Ion:168 Resp: 329699

Ion	Ratio	Lower	Upper
168	100		
99	54.6	43.1	64.7

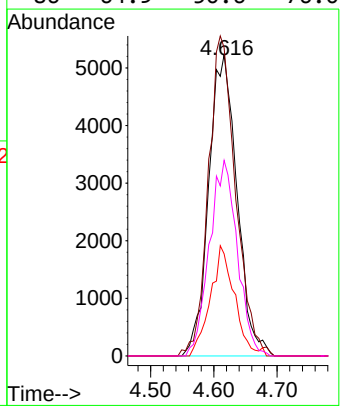


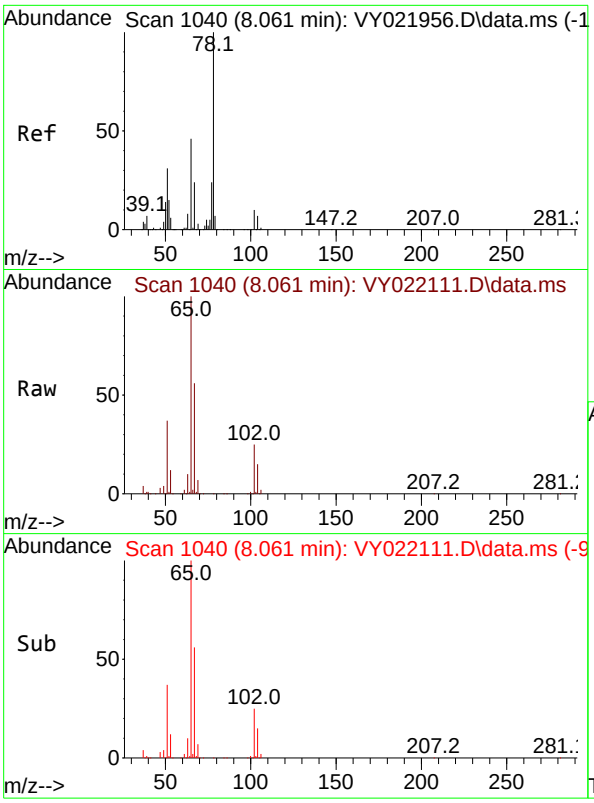


#20
Methylene Chloride
Concen: 4.217 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Tgt Ion: 84 Resp: 16237

Ion	Ratio	Lower	Upper
84	100		
49	102.3	79.9	119.9
51	33.9	25.4	38.0
86	64.9	50.6	76.0



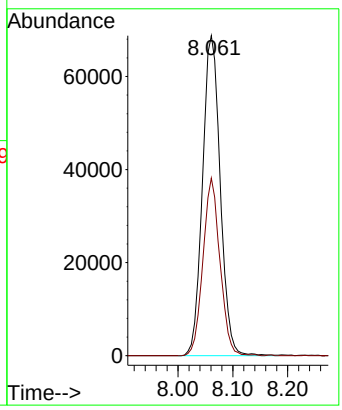


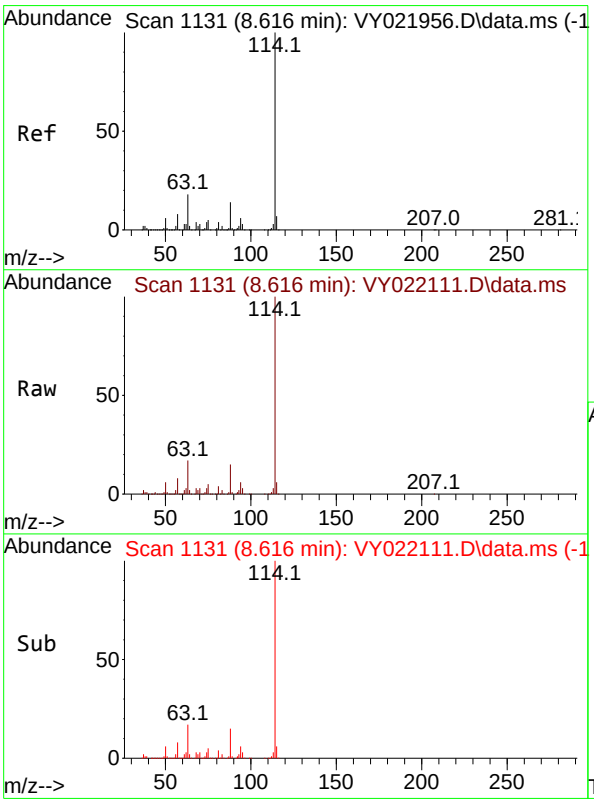
#33
1,2-Dichloroethane-d4
Concen: 50.698 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Tgt Ion: 65 Resp: 154395

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.8

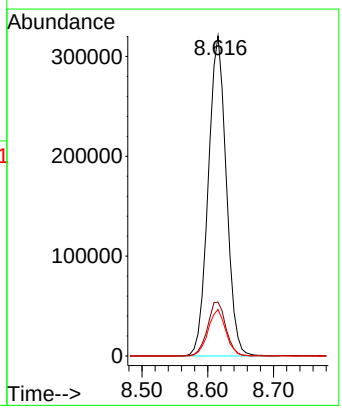


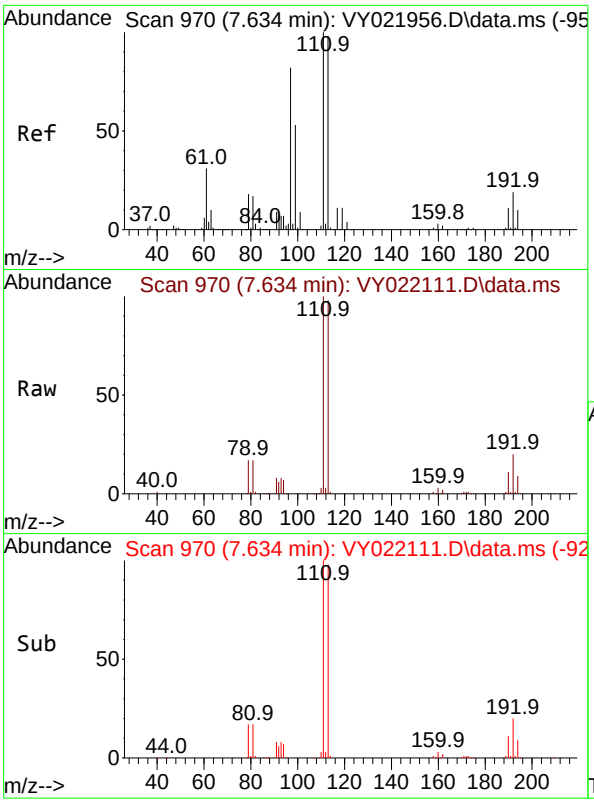


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Tgt Ion:114 Resp: 612320

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	35.4
88	14.6	0.0	28.2



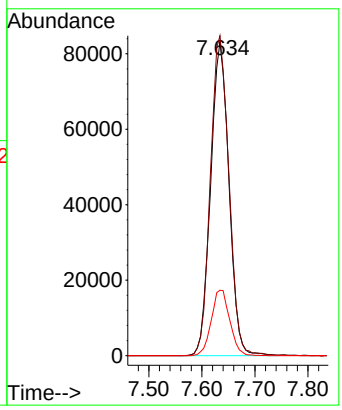


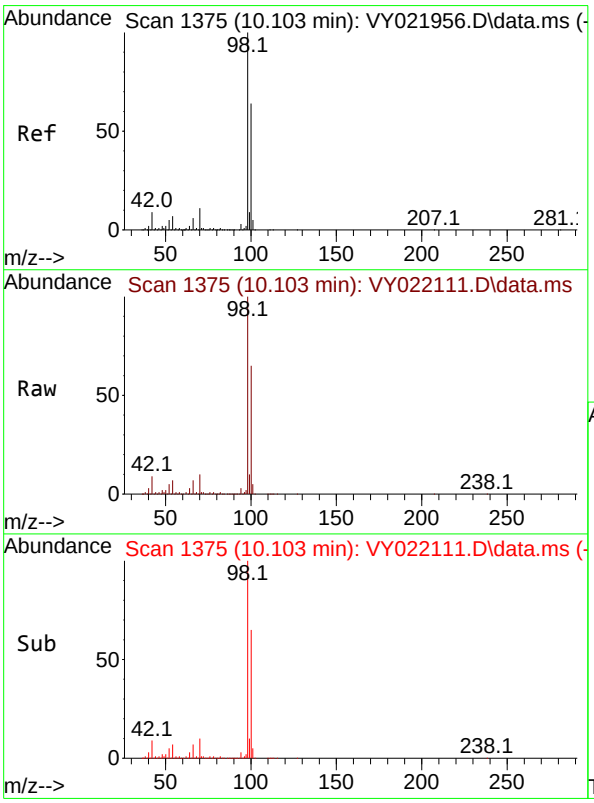
#35
Dibromofluoromethane
Concen: 49.350 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Tgt Ion:113 Resp: 199636

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	21.1	15.6	23.4

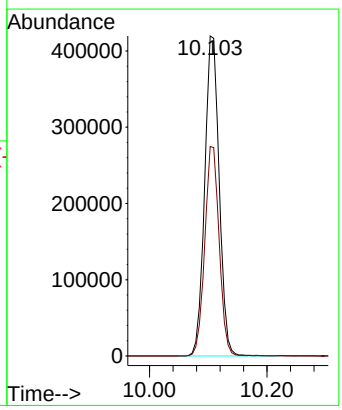


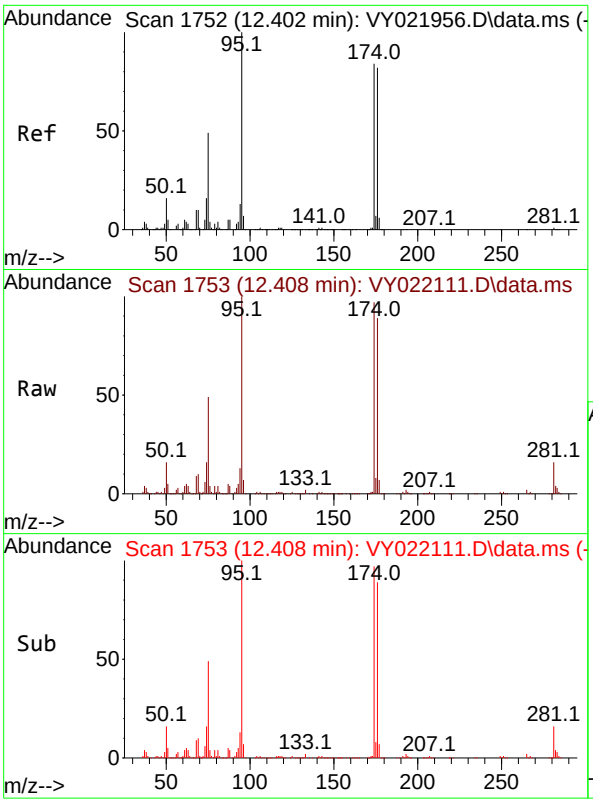


#50
Toluene-d8
Concen: 47.198 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Tgt Ion: 98 Resp: 719805

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4



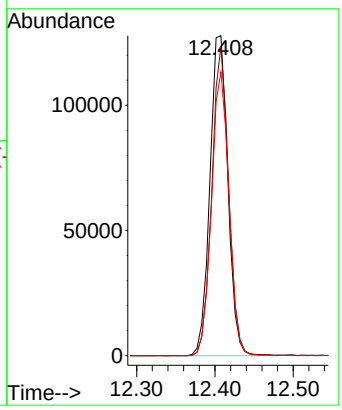


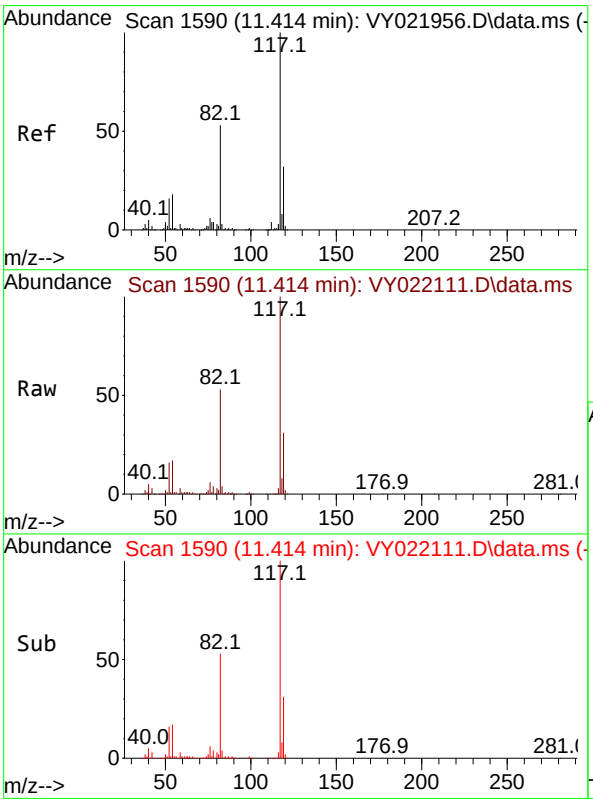
#62
4-Bromofluorobenzene
Concen: 39.675 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Tgt Ion: 95 Resp: 203694

Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	179.0
176	86.3	0.0	171.8

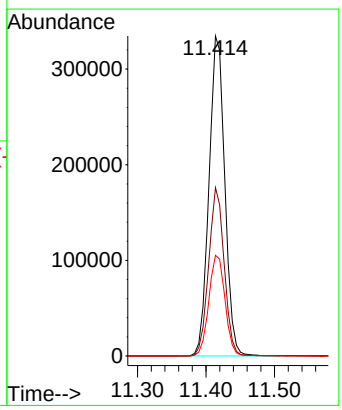


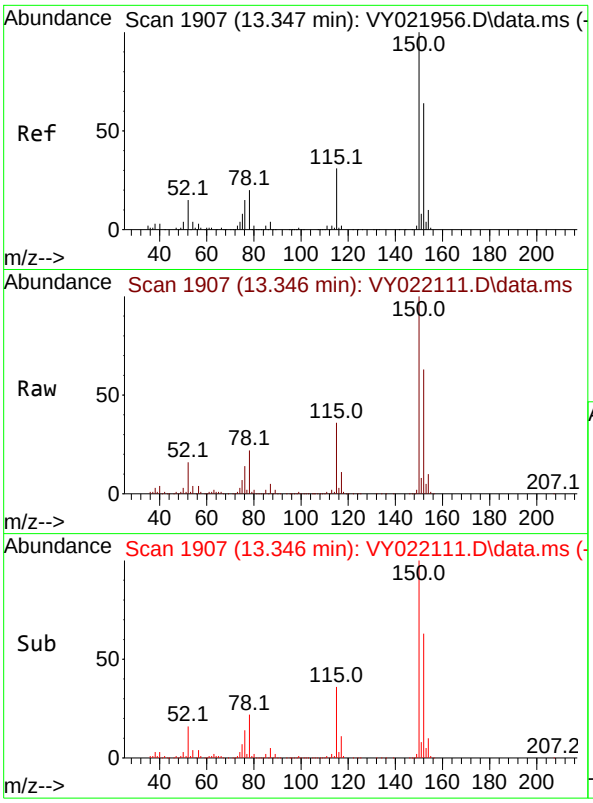


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Tgt Ion:117 Resp: 536248

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	31.5	25.7	38.5



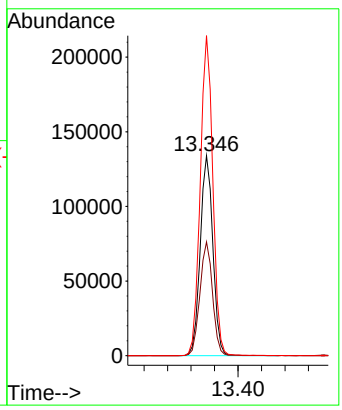


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022111.D
Acq: 01 May 2025 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SS-4

Tgt Ion:152 Resp: 199649

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.0	84.0
150	158.7	0.0	345.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-5	SDG No.:	Q1914
Lab Sample ID:	Q1914-06	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.7
Sample Wt/Vol:	7.75 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022112.D	1		05/01/25 17:16	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	21.6		0.57	3.60	ug/Kg
108-88-3	Toluene	110	E	0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	350	E	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	1980	E	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	85.4		0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	210	E	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	390	E	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	970	E	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	64.7		0.47	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	44.4		0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	85.8		1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	58.2		74 - 123	116%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		38 - 136	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	349000	7.707			
540-36-3	1,4-Difluorobenzene	593000	8.616			
3114-55-4	Chlorobenzene-d5	525000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	237000	13.353			

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_Y\Data\VY050125\
Data File : VY022112.D
Acq On : 01 May 2025 17:16
Operator : SY/MD
Sample : Q1914-06
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 02 01:31:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	348703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	593175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	525097	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	237049	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153858	47.769	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.540%			
35) Dibromofluoromethane	7.634	113	192496	49.121	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.240%			
50) Toluene-d8	10.109	98	859815	58.198	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.400%			
62) 4-Bromofluorobenzene	12.408	95	276233	55.541	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.080%			
Target Compounds						Qvalue
16) Acetone	3.879	43	11966	7.679	ug/l #	84
20) Methylene Chloride	4.610	84	14373	3.529	ug/l	96
25) 2-Butanone	6.902	43	4613	6.283	ug/l #	80
31) Cyclohexane	7.701	56	595505	111.845	ug/l	94
39) Methylcyclohexane	9.109	83	2110464	318.585	ug/l	98
40) Benzene	8.079	78	494837	30.072	ug/l	99
52) Toluene	10.170	92	1604199	150.607	ug/l	98
67) Ethyl Benzene	11.518	91	9283955	483.316	ug/l	96
68) m/p-Xylenes	11.627	106	14066887	1840.340	ug/l #	62
69) o-Xylene	11.956	106	6636011	941.942	ug/l	90
73) Isopropylbenzene	12.255	105	1880303	118.726	ug/l	100
78) n-propylbenzene	12.597	91	5434691	288.152	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	7155023	548.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	17605583m	1348.866	ug/l	
85) sec-Butylbenzene	13.176	105	1539777	89.913	ug/l	86
86) p-Isopropyltoluene	13.292	119	896938	61.680	ug/l	99
89) n-Butylbenzene	13.621	91	1551221	119.343	ug/l #	72

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

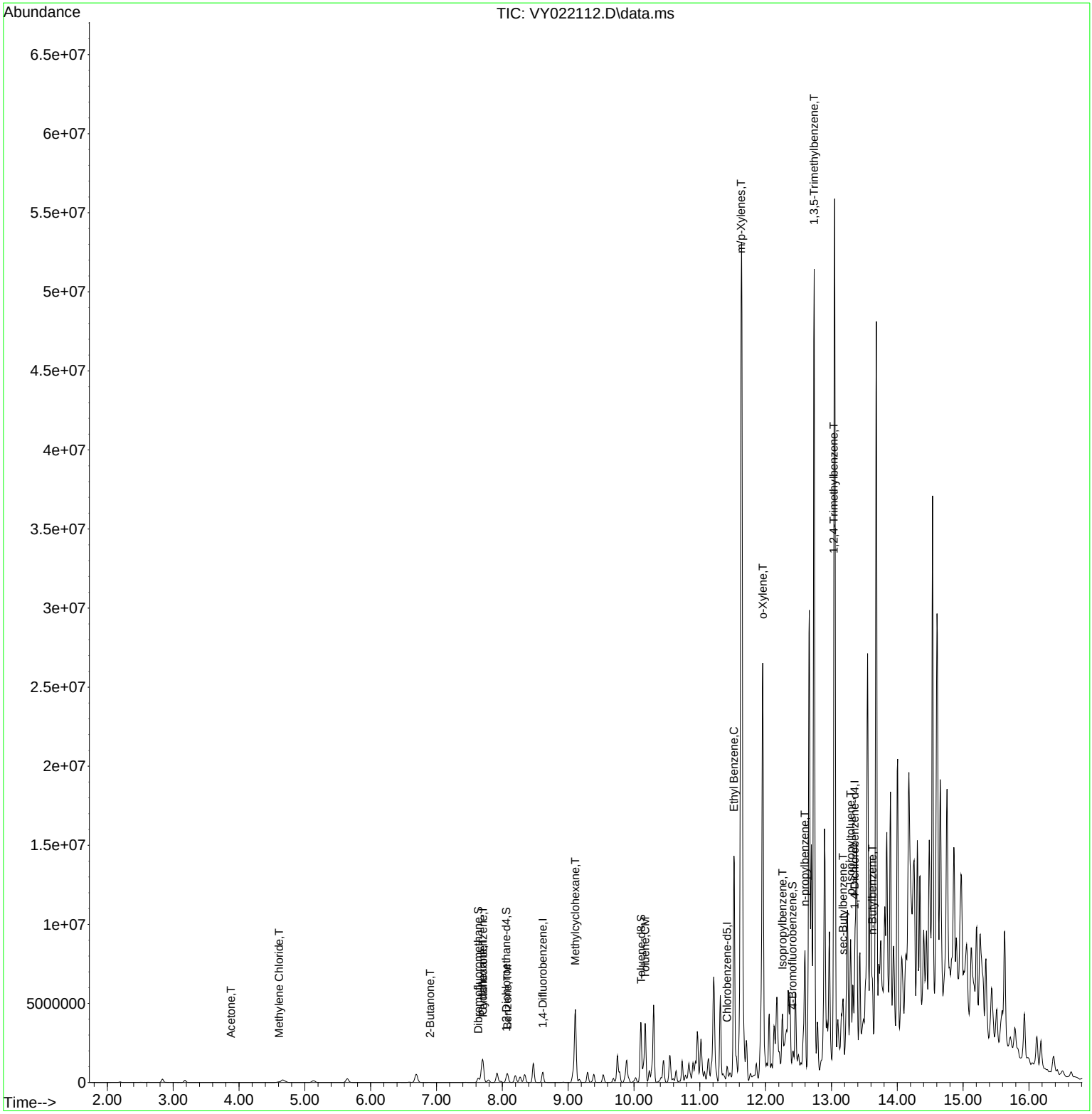
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022112.D
Acq On : 01 May 2025 17:16
Operator : SY/MD
Sample : Q1914-06
Misc : 7.75g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

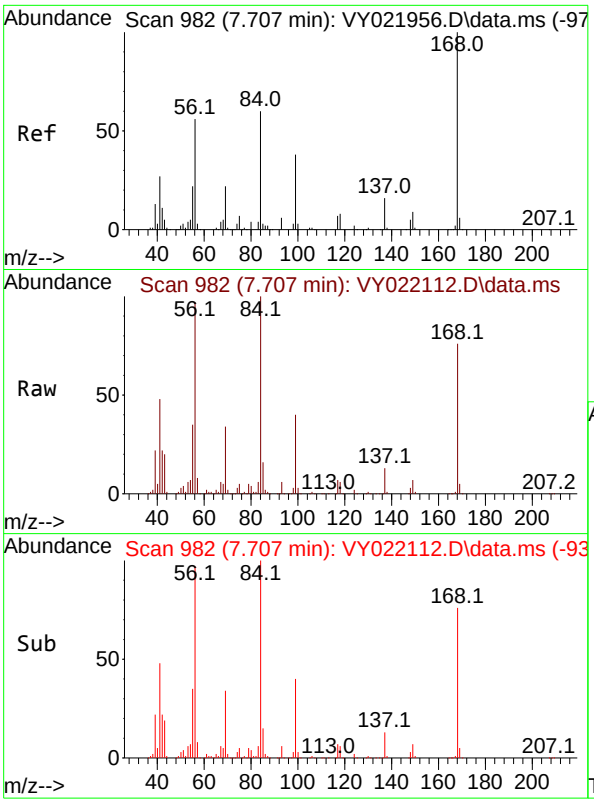
Quant Time: May 02 01:31:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

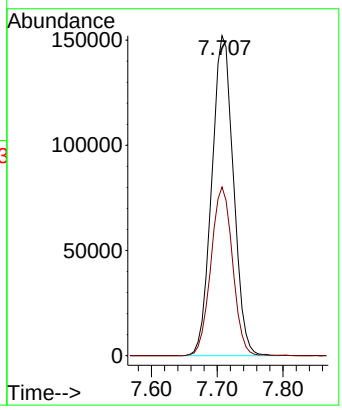
Tgt Ion:168 Resp: 34870

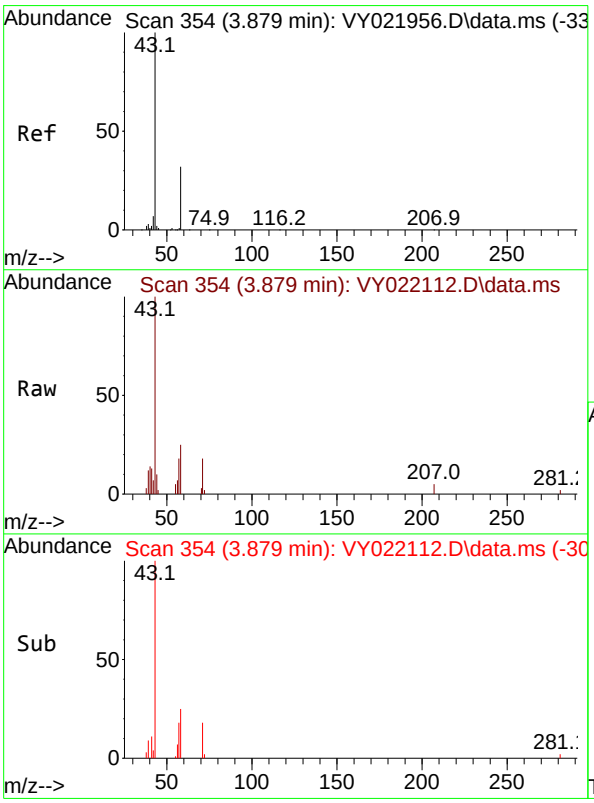
Ion	Ratio	Lower	Upper
168	100		
99	52.7	43.1	64.7

Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

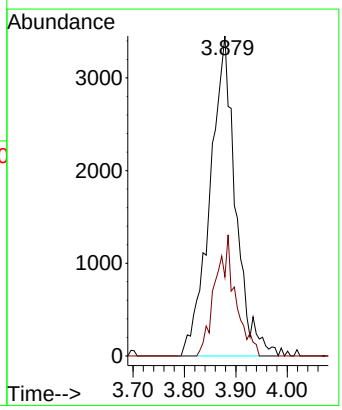


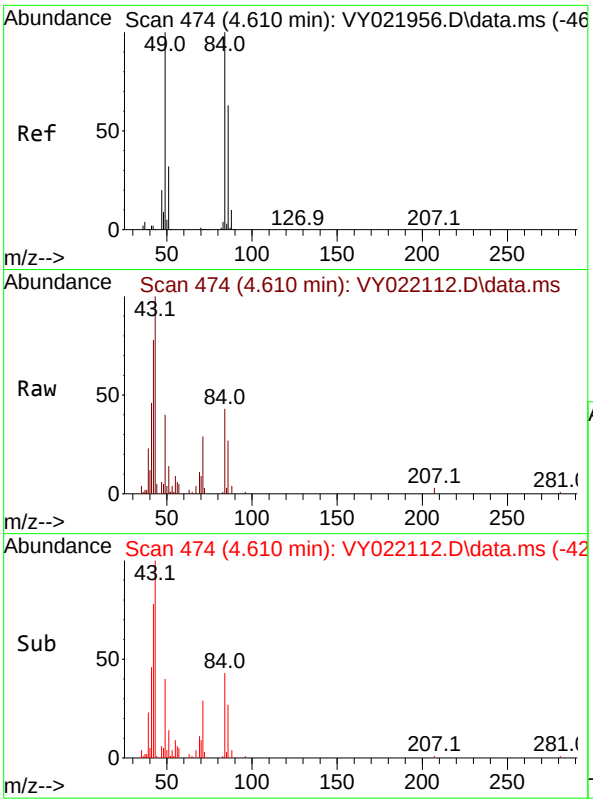


#16
Acetone
Concen: 7.679 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 43 Resp: 11966

Ion	Ratio	Lower	Upper
43	100		
58	24.7	27.0	40.4#

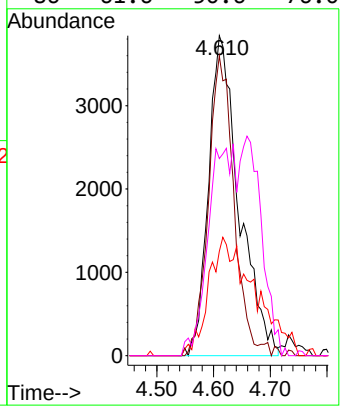




#20
Methylene Chloride
Concen: 3.529 ug/l
RT: 4.610 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 84 Resp: 1437

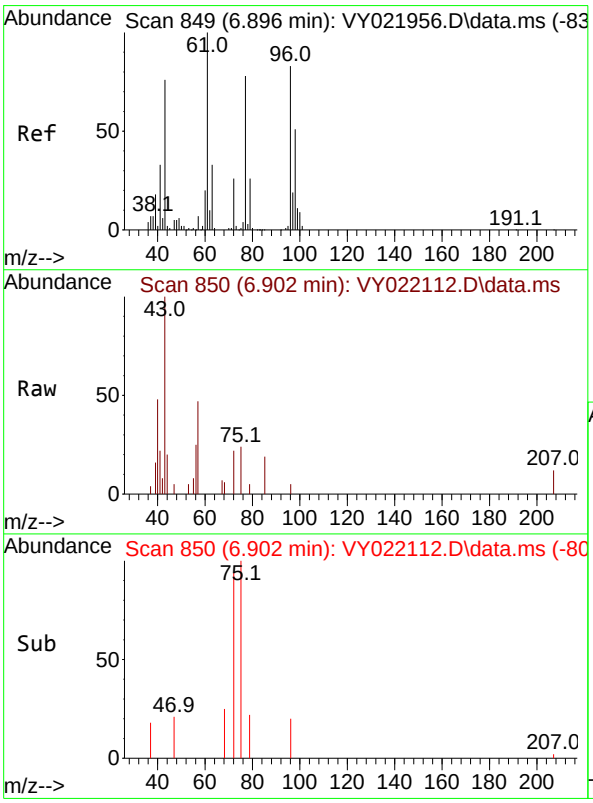
Ion	Ratio	Lower	Upper
84	100		
49	93.7	79.9	119.9
51	32.6	25.4	38.0
86	61.6	50.6	76.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

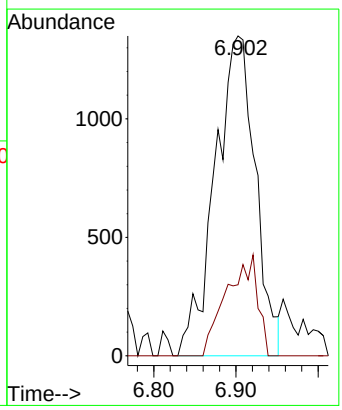
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

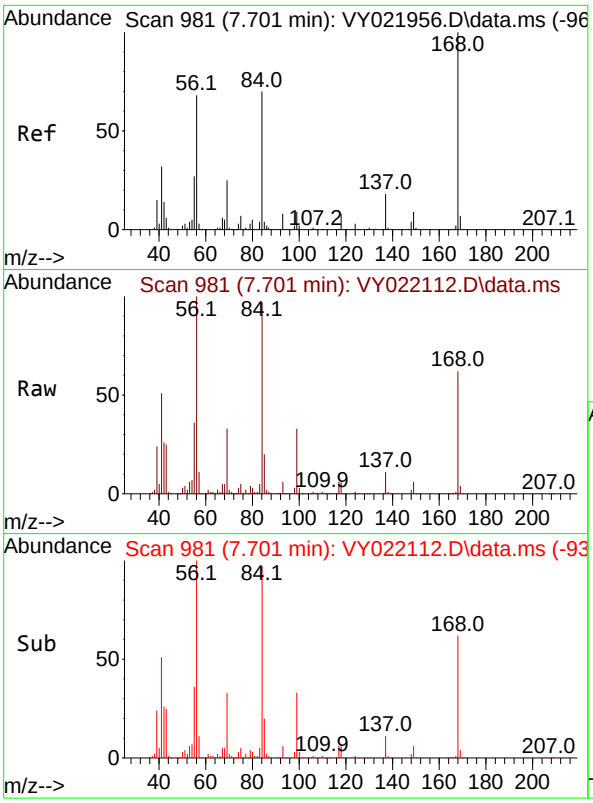


#25
2-Butanone
Concen: 6.283 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 43 Resp: 4613

Ion	Ratio	Lower	Upper
43	100		
72	22.2	27.0	40.4#

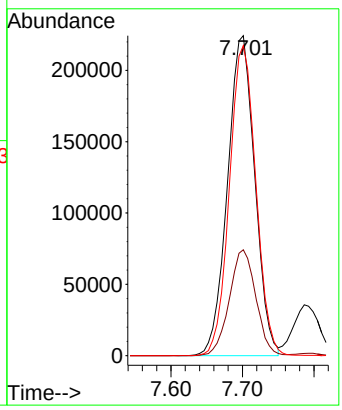




#31
Cyclohexane
Concen: 111.845 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 56 Resp: 59550

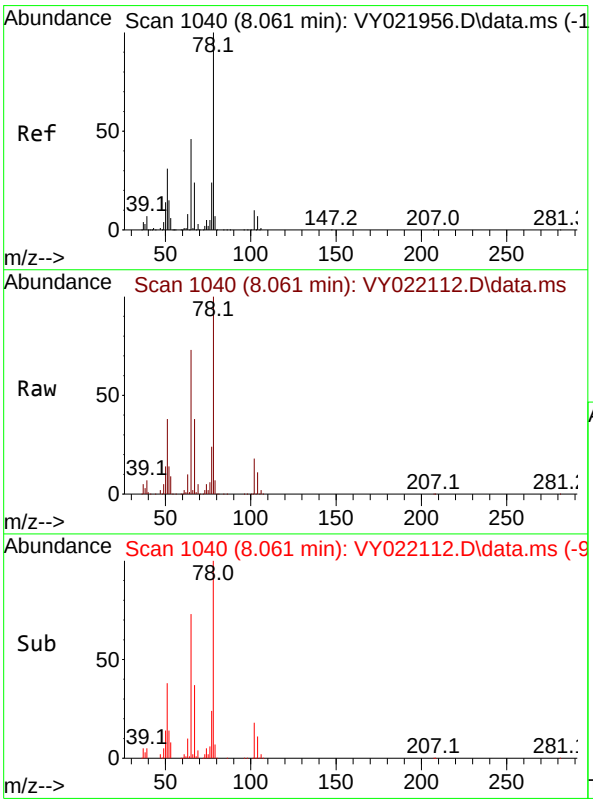
Ion	Ratio	Lower	Upper
56	100		
69	33.1	29.4	44.2
84	96.9	82.2	123.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

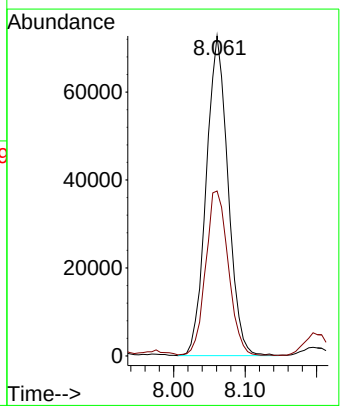
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

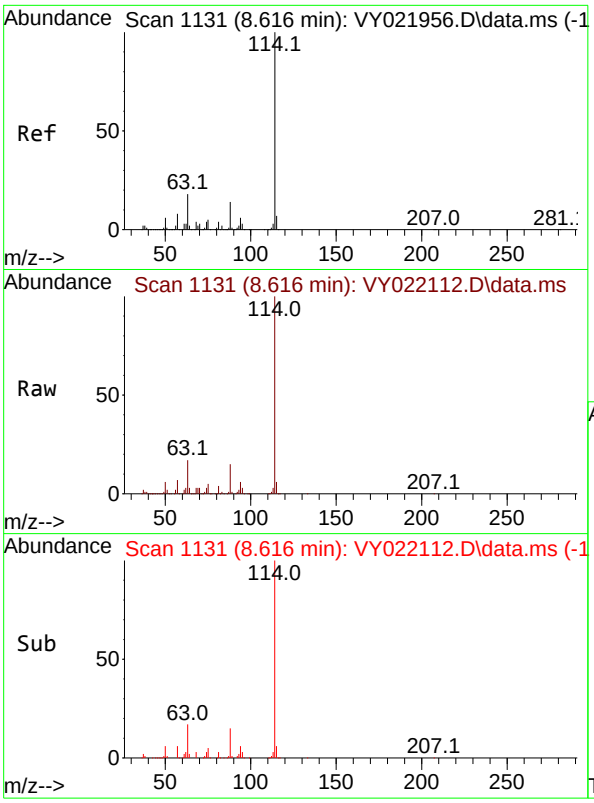


#33
1,2-Dichloroethane-d4
Concen: 47.769 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 65 Resp: 153858

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

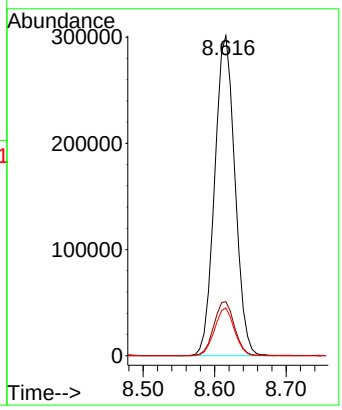
Tgt Ion:114 Resp: 59317

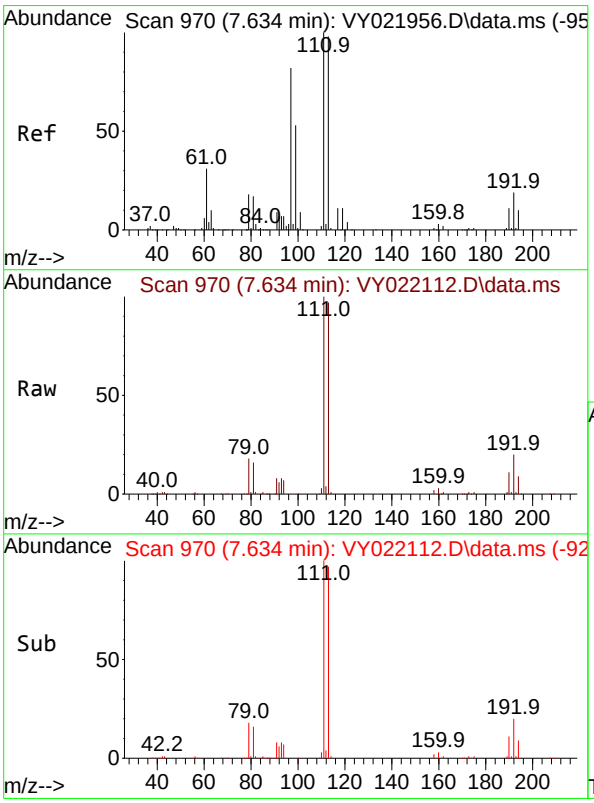
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	35.4
88	14.9	0.0	28.2

Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

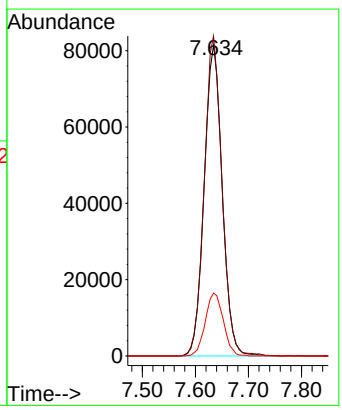


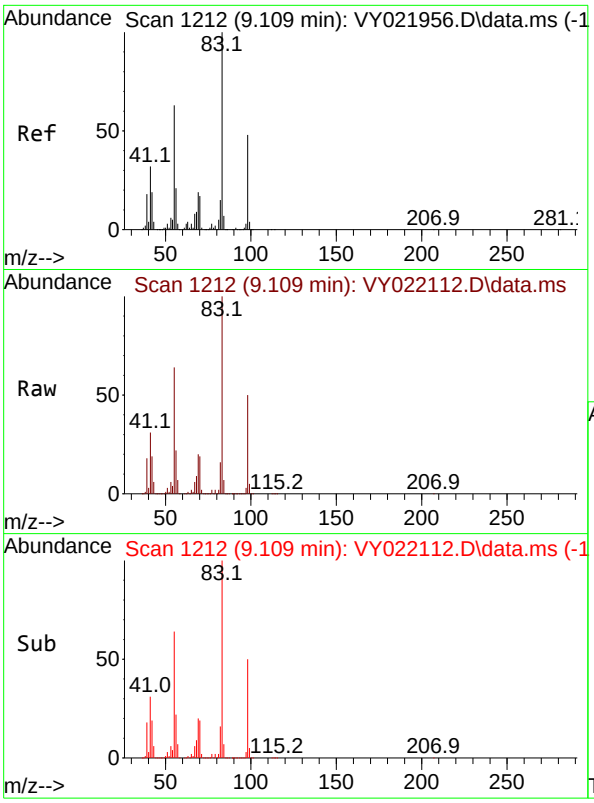


#35
Dibromofluoromethane
Concen: 49.121 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:113 Resp: 192496

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	20.2	15.6	23.4

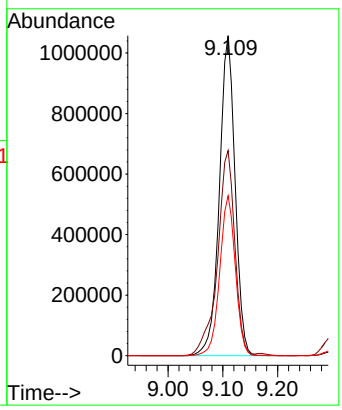




#39
Methylcyclohexane
Concen: 318.585 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 83 Resp: 211046

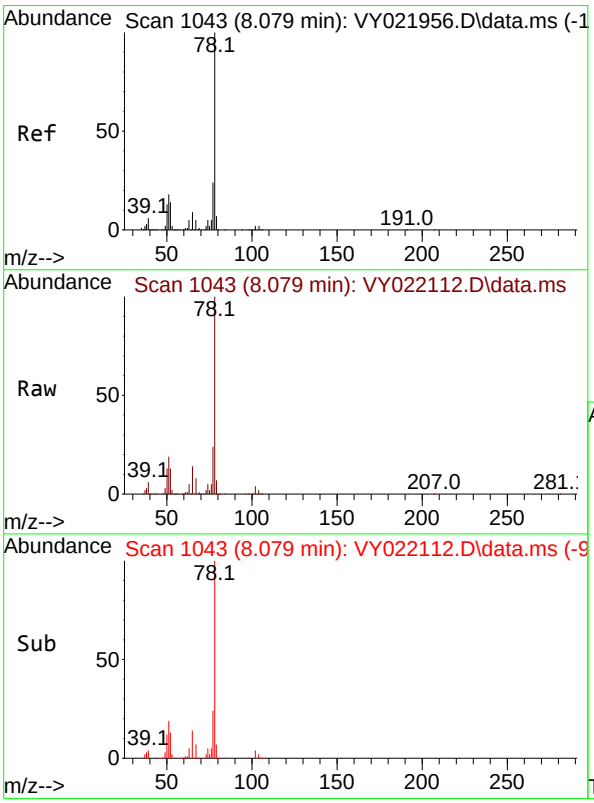
Ion	Ratio	Lower	Upper
83	100		
55	64.1	50.6	75.8
98	50.0	38.6	58.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

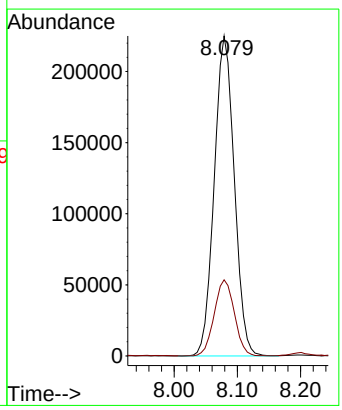
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

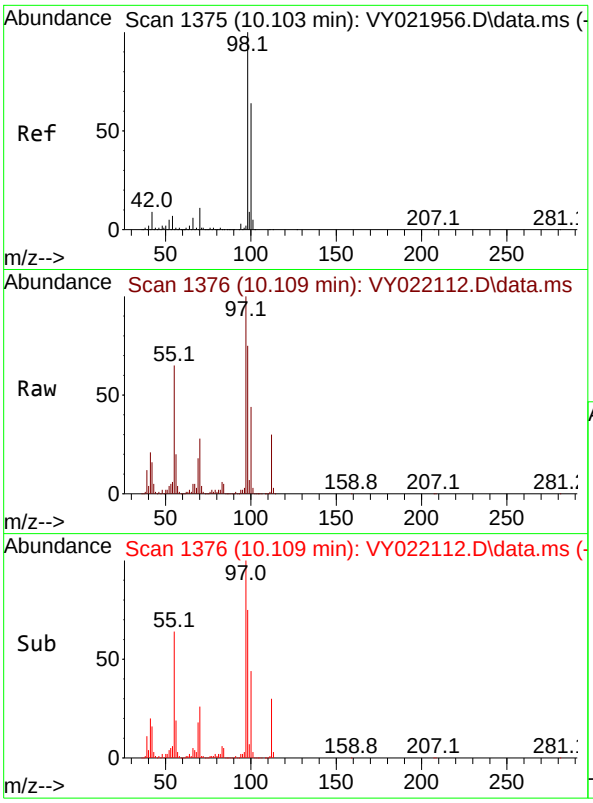


#40
Benzene
Concen: 30.072 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 78 Resp: 494837

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9

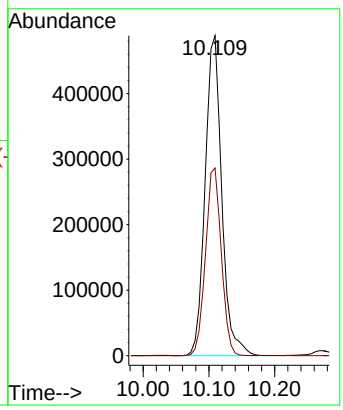




#50
Toluene-d8
Concen: 58.198 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 98 Resp: 85981

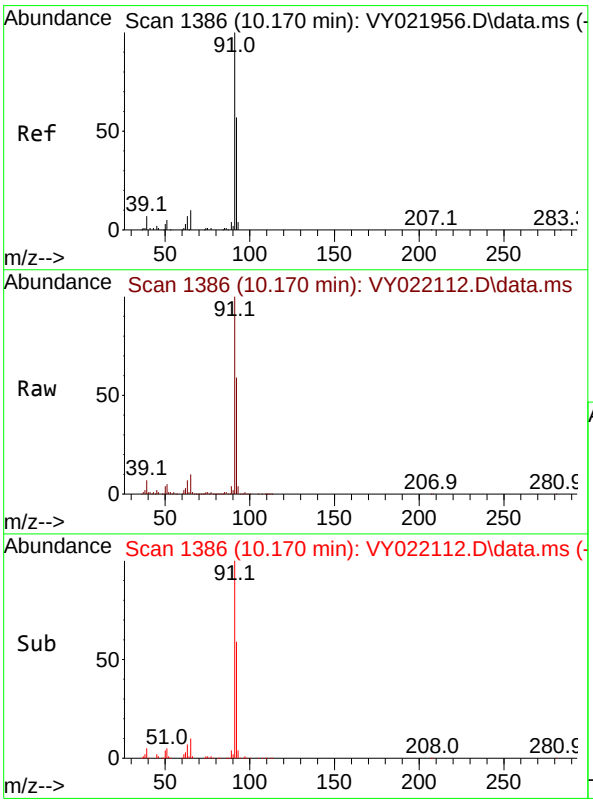
Ion	Ratio	Lower	Upper
98	100		
100	55.7	51.6	77.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

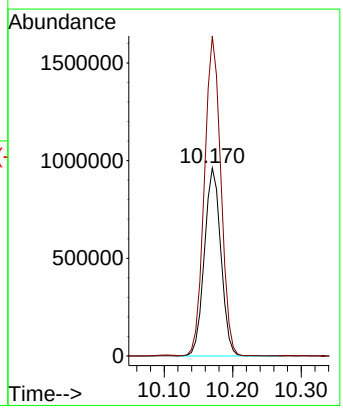
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

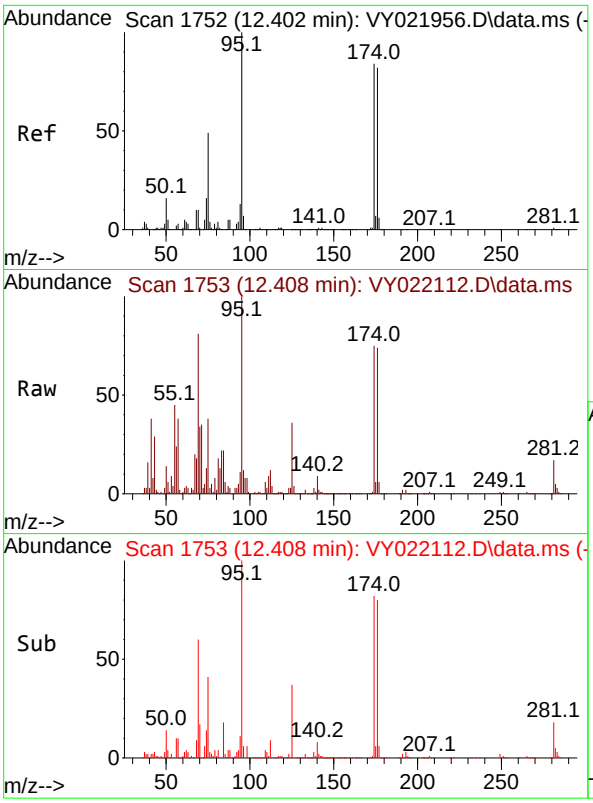


#52
Toluene
Concen: 150.607 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 92 Resp: 1604199

Ion	Ratio	Lower	Upper
92	100		
91	170.1	138.6	207.8





#62
4-Bromofluorobenzene
Concen: 55.541 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

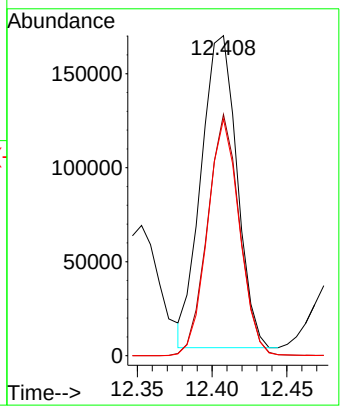
Tgt Ion: 95 Resp: 27623

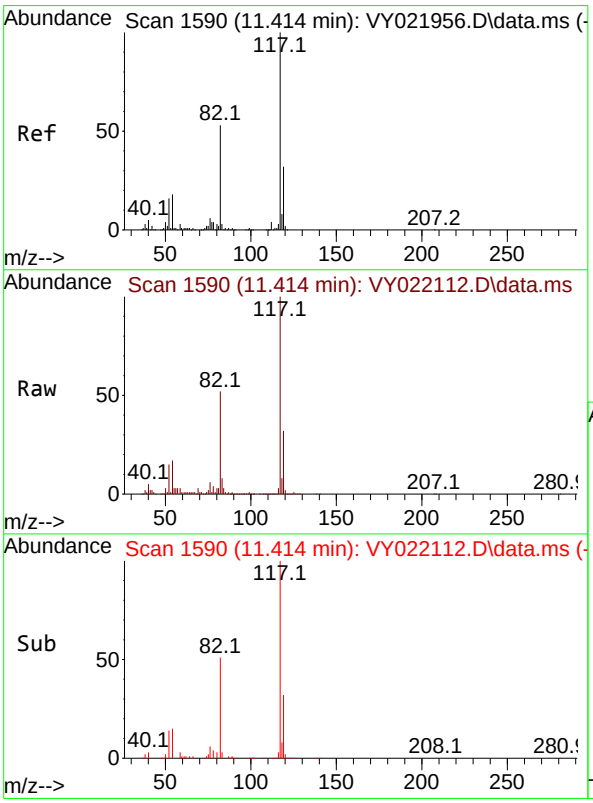
Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	179.0
176	67.6	0.0	171.8

Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

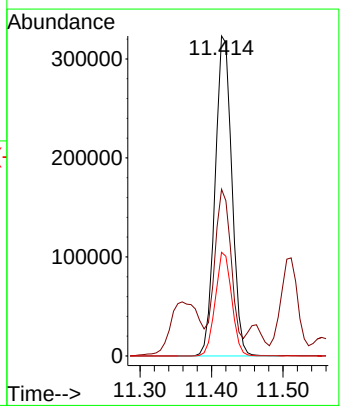


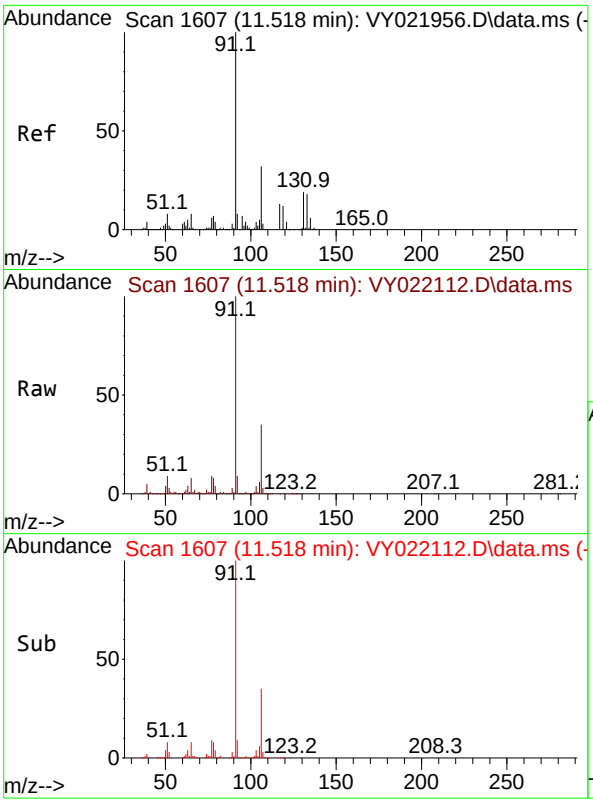


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:117 Resp: 525097

Ion	Ratio	Lower	Upper
117	100		
82	40.0	42.1	63.1#
119	32.4	25.7	38.5





#67
Ethyl Benzene
Concen: 483.316 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

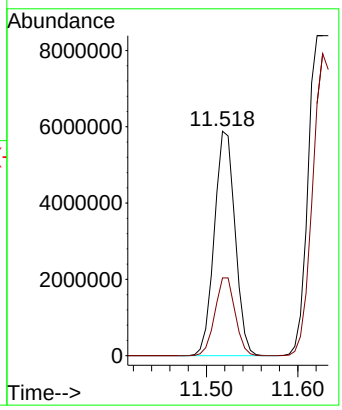
Tgt Ion: 91 Resp: 928395

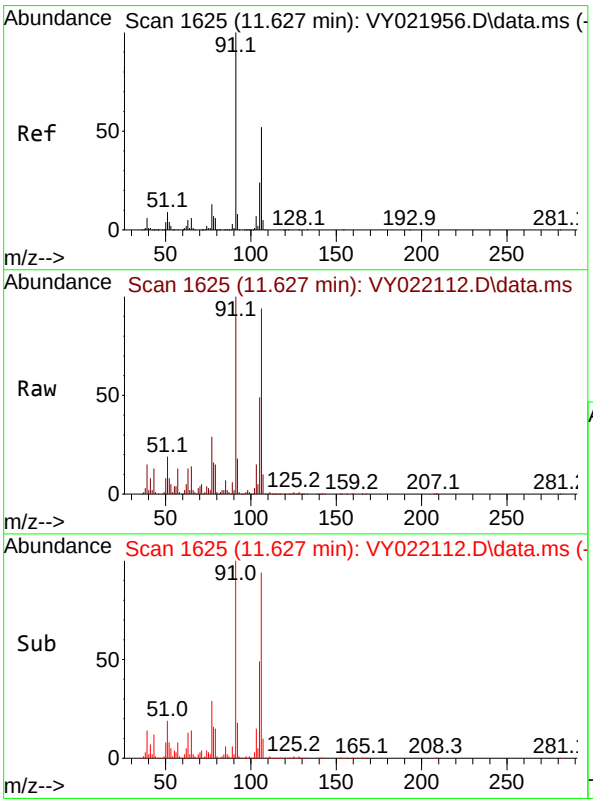
Ion	Ratio	Lower	Upper
91	100		
106	34.7	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

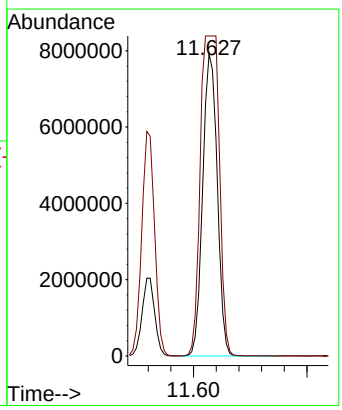


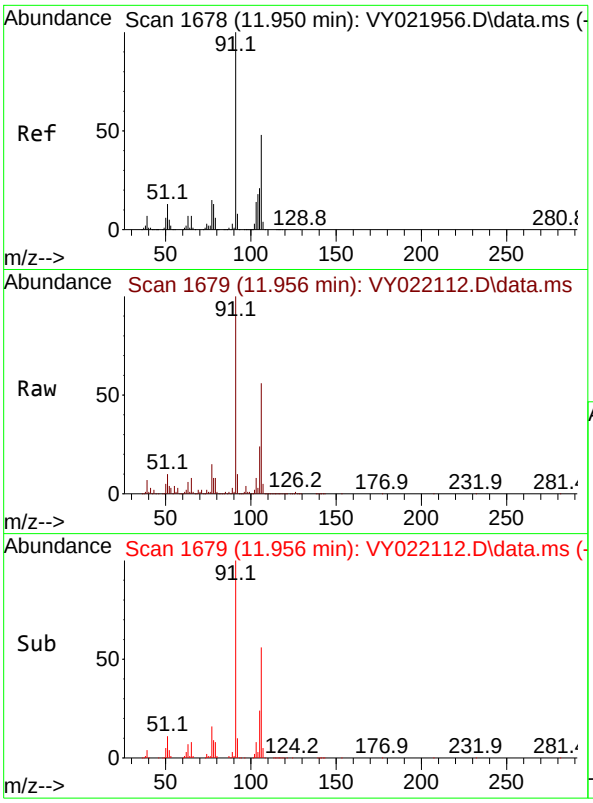


#68
m/p-Xylenes
Concen: 1840.340 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:106 Resp:14066887

Ion	Ratio	Lower	Upper
106	100		
91	139.2	156.2	234.2#

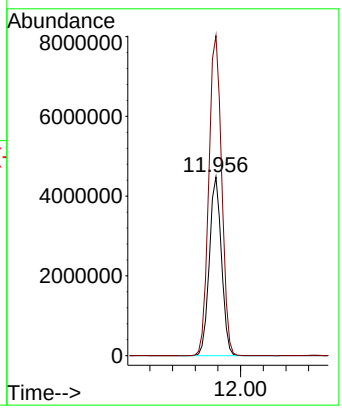




#69
o-Xylene
Concen: 941.942 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:106 Resp: 663601

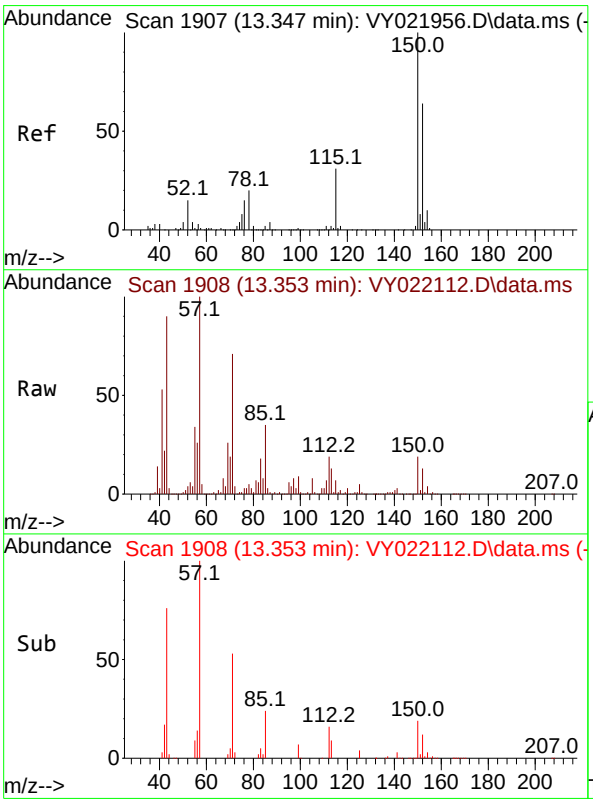
Ion	Ratio	Lower	Upper
106	100		
91	190.6	103.0	308.9



Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

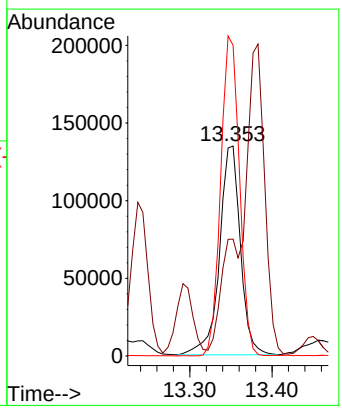
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

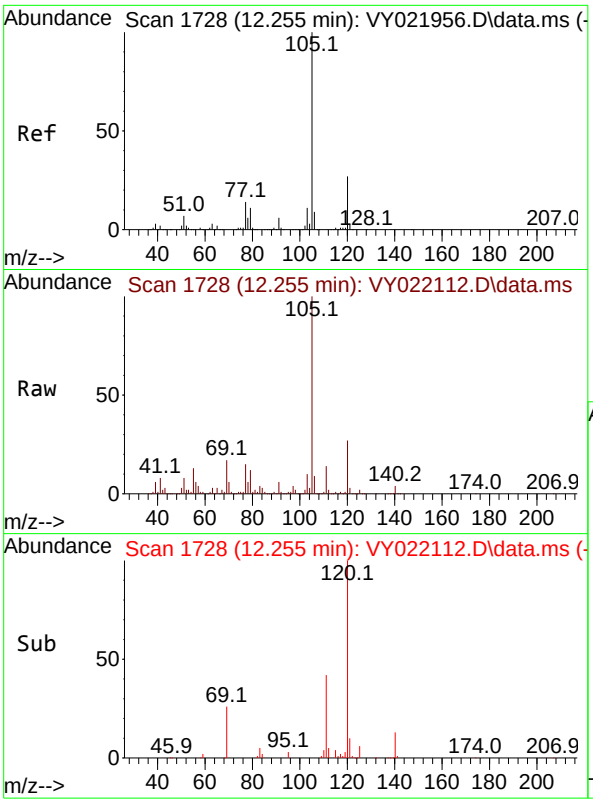


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:152 Resp: 237049

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.0	84.0#
150	137.8	0.0	345.6

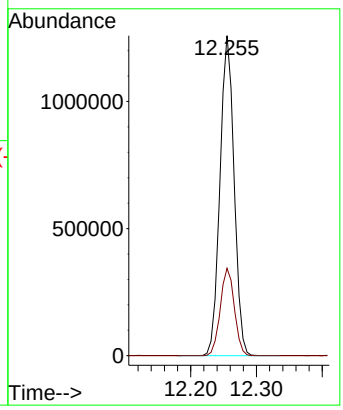




#73
Isopropylbenzene
Concen: 118.726 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:105 Resp: 188030

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
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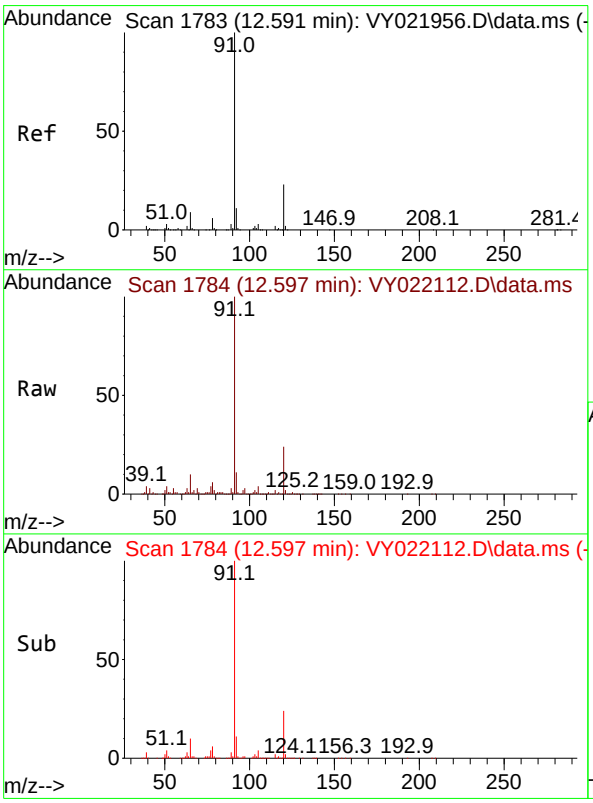
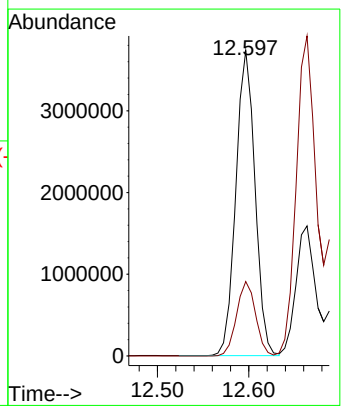
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

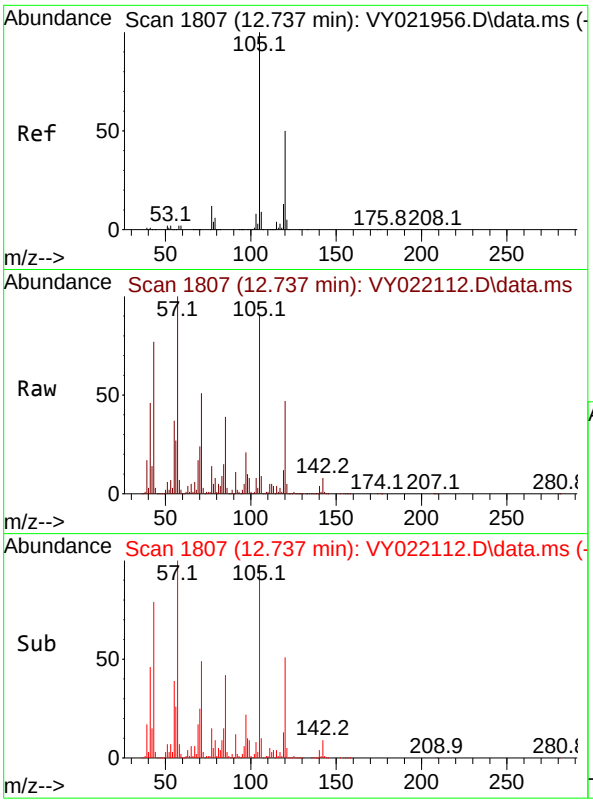


#78
n-propylbenzene
Concen: 288.152 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 91 Resp: 5434691

Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.9	35.5





#80
1,3,5-Trimethylbenzene
Concen: 548.313 ug/l
RT: 12.737 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

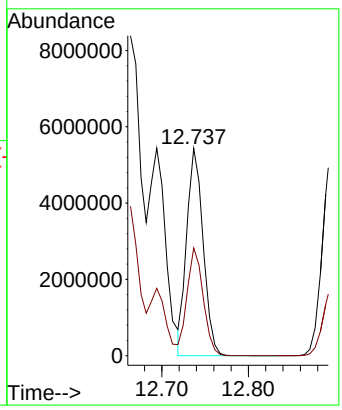
Tgt Ion:105 Resp: 715502

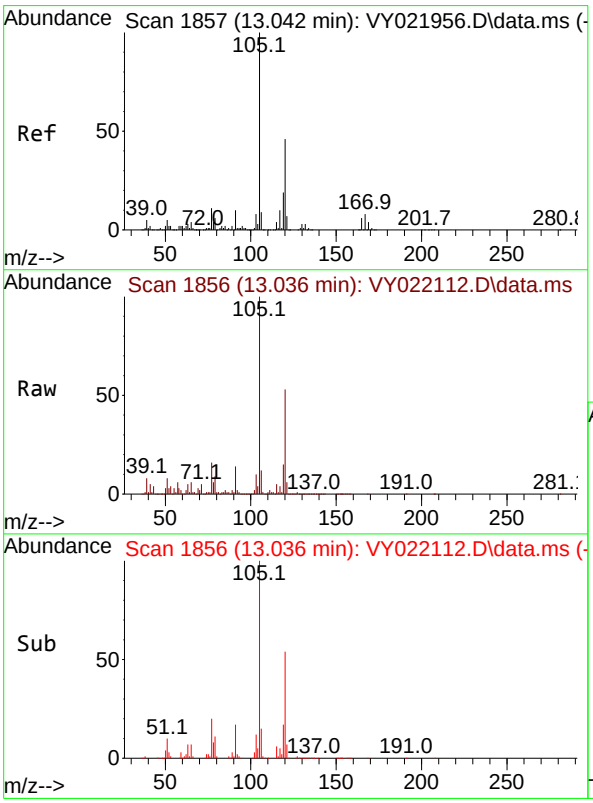
Ion	Ratio	Lower	Upper
105	100		
120	51.0	25.0	75.0

Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

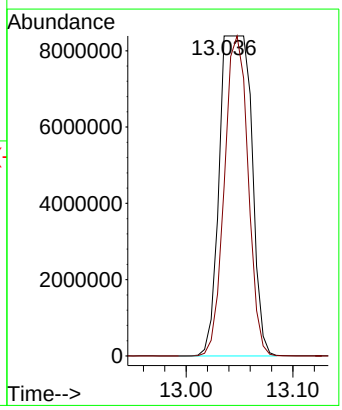


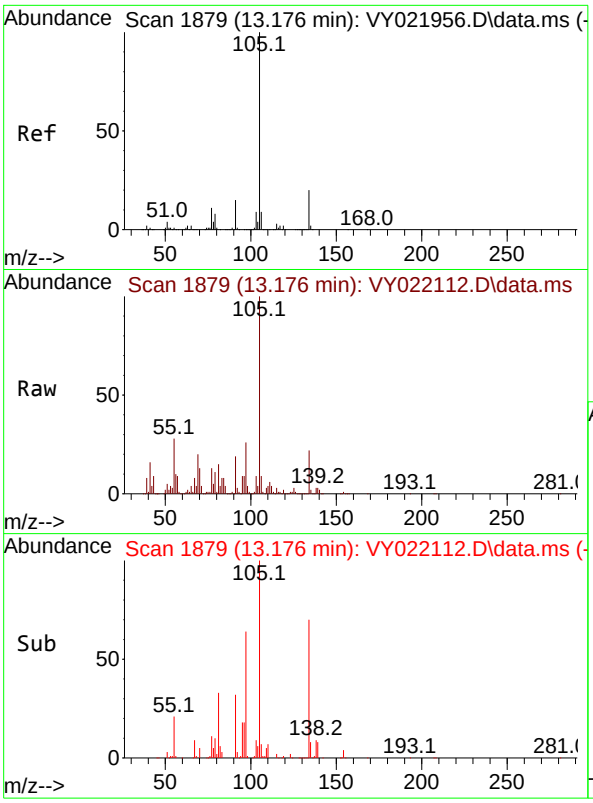


#84
1,2,4-Trimethylbenzene
Concen: 1348.866 ug/l m
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:105 Resp:17605583

Ion	Ratio	Lower	Upper
105	100		
120	15.4	23.4	70.0#

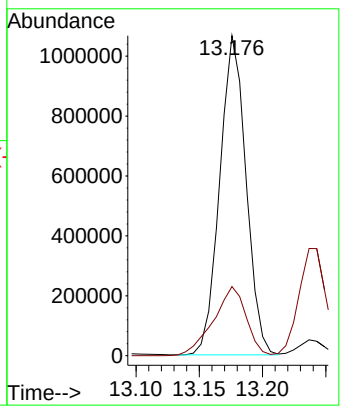




#85
sec-Butylbenzene
Concen: 89.913 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:105 Resp: 153977

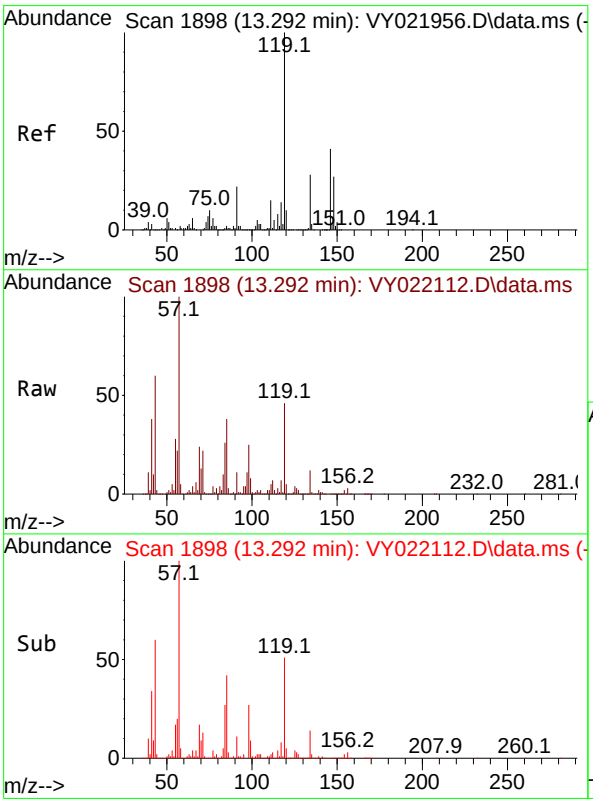
Ion	Ratio	Lower	Upper
105	100		
134	27.0	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
APPROVED

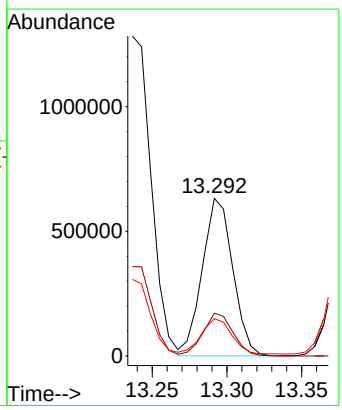
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

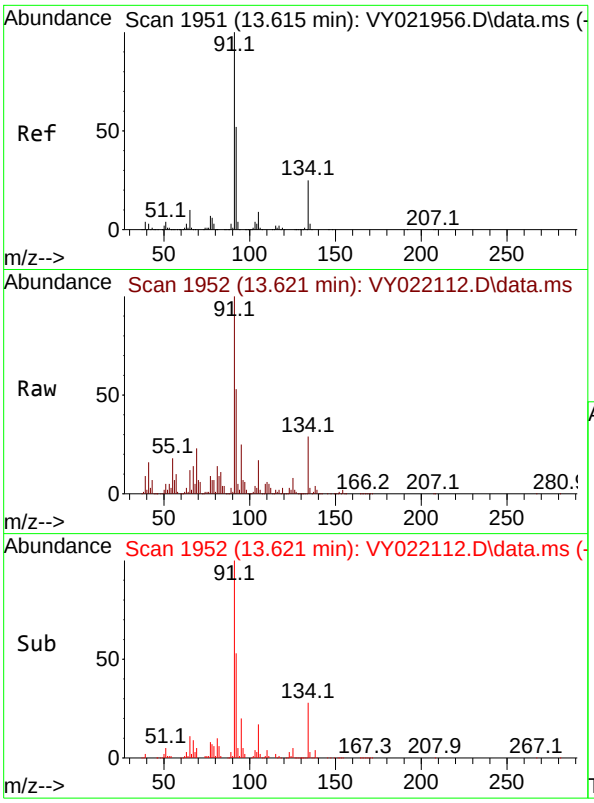


#86
p-Isopropyltoluene
Concen: 61.680 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion:119 Resp: 896938

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.6	40.7
91	22.2	11.0	33.0

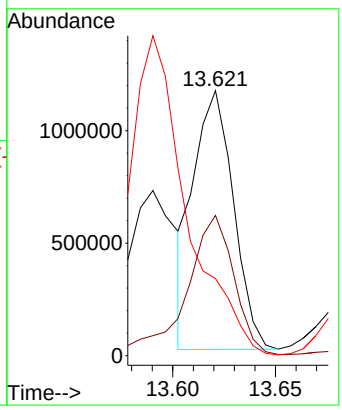




#89
n-Butylbenzene
Concen: 119.343 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022112.D
Acq: 01 May 2025 17:16

Tgt Ion: 91 Resp: 155122

Ion	Ratio	Lower	Upper
91	100		
92	64.2	26.5	79.5
134	0.0	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
SS-5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-5ME	SDG No.:	Q1914
Lab Sample ID:	Q1914-06ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	89.7
Sample Wt/Vol:	7.35 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086518.D	1		05/06/25 16:35	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	88.0	JD	30.0	190	ug/Kg
108-88-3	Toluene	230	D	29.6	190	ug/Kg
100-41-4	Ethyl Benzene	1100	D	25.4	190	ug/Kg
1330-20-7	Total Xylenes	4400	D	78.1	570	ug/Kg
98-82-8	Isopropylbenzene	260	D	29.6	190	ug/Kg
103-65-1	n-propylbenzene	650	D	27.7	190	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	930	D	31.1	190	ug/Kg
98-06-6	tert-Butylbenzene	190	UD	25.4	190	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3800	D	24.3	190	ug/Kg
135-98-8	sec-Butylbenzene	230	D	25.0	190	ug/Kg
99-87-6	p-Isopropyltoluene	150	JD	23.5	190	ug/Kg
104-51-8	n-Butylbenzene	370	D	55.0	190	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.1		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	55.8		70 - 134	112%	SPK: 50
2037-26-5	Toluene-d8	52.0		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		38 - 136	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	170000	8.218			
540-36-3	1,4-Difluorobenzene	319000	9.094			
3114-55-4	Chlorobenzene-d5	298000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.788			

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_N\Data\VN050625\
Data File : VN086518.D
Acq On : 06 May 2025 16:35
Operator : JC\MD
Sample : Q1914-06ME
Misc : 7.35g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Quant Time: May 07 02:56:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

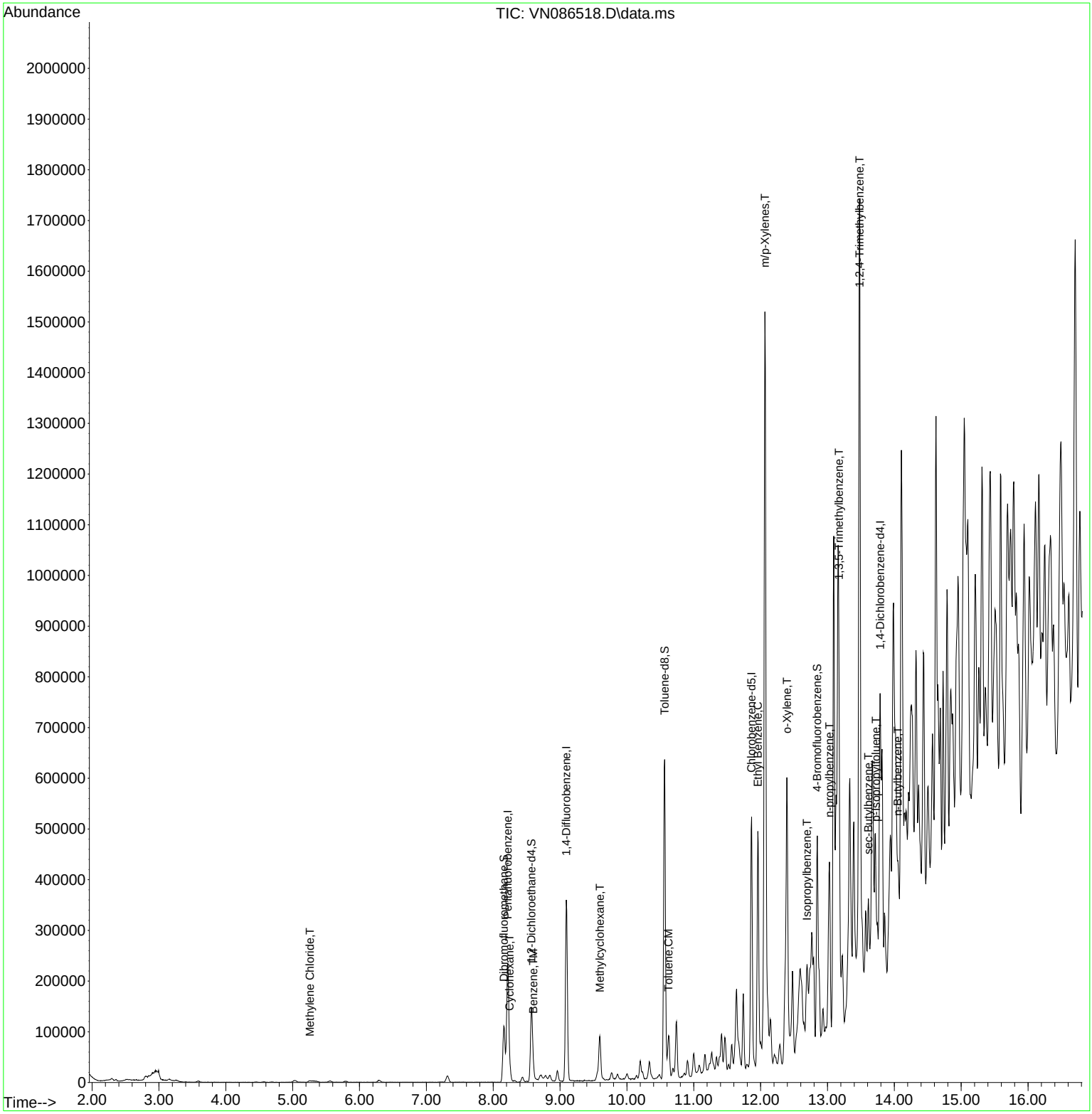
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	169551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	319127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	118170	48.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.120%			
35) Dibromofluoromethane	8.159	113	82669	55.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.640%			
50) Toluene-d8	10.565	98	411619	52.000	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.000%			
62) 4-Bromofluorobenzene	12.847	95	138696	48.038	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.080%			
Target Compounds						Qvalue
20) Methylene Chloride	5.259	84	2266	0.997	ug/l #	85
31) Cyclohexane	8.247	56	18078	4.537	ug/l #	80
39) Methylcyclohexane	9.594	83	38749	11.020	ug/l	95
40) Benzene	8.600	78	21989	2.320	ug/l	96
52) Toluene	10.624	92	35726	6.041	ug/l	99
67) Ethyl Benzene	11.959	91	338116	28.218	ug/l	99
68) m/p-Xylenes	12.065	106	373004	83.080	ug/l	97
69) o-Xylene	12.394	106	139720	31.468	ug/l	99
73) Isopropylbenzene	12.694	105	72467	6.755	ug/l	99
78) n-propylbenzene	13.029	91	215340	17.035	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	214210	24.397	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	890263	99.611	ug/l	98
85) sec-Butylbenzene	13.612	105	63517	6.019	ug/l	81
86) p-Isopropyltoluene	13.723	119	33454	3.846	ug/l	97
89) n-Butylbenzene	14.053	91	74661	9.684	ug/l #	83

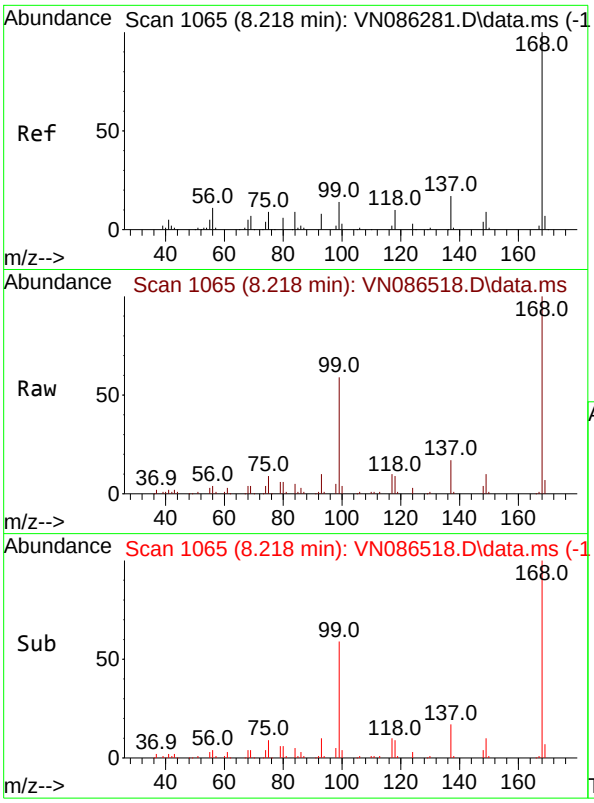
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086518.D
Acq On : 06 May 2025 16:35
Operator : JC\MD
Sample : Q1914-06ME
Misc : 7.35g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Quant Time: May 07 02:56:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



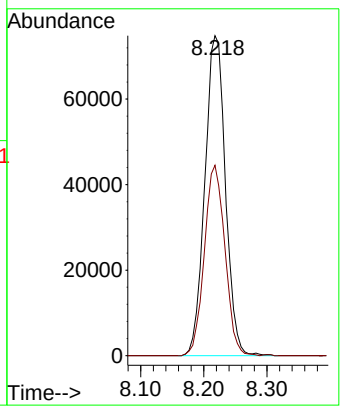


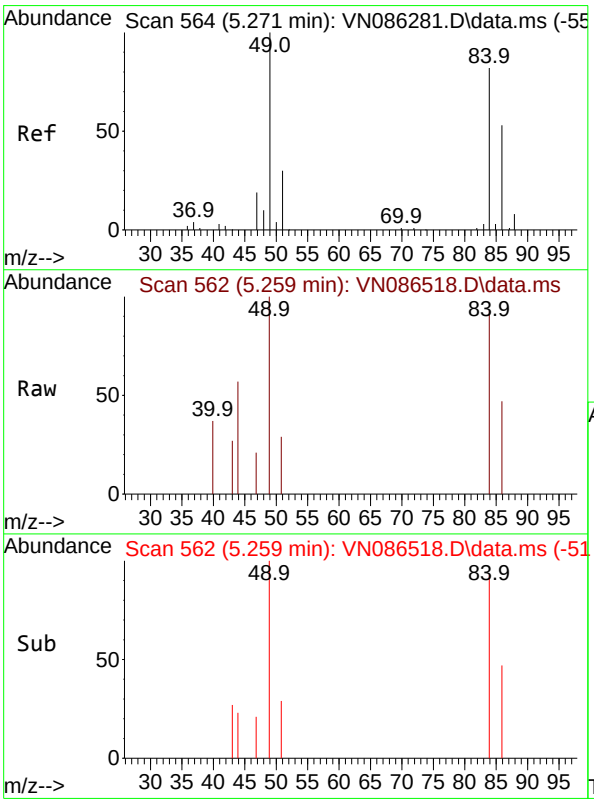
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:168 Resp: 169551

Ion	Ratio	Lower	Upper
168	100		
99	59.5	52.5	78.7

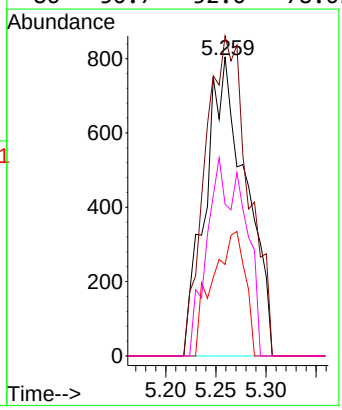


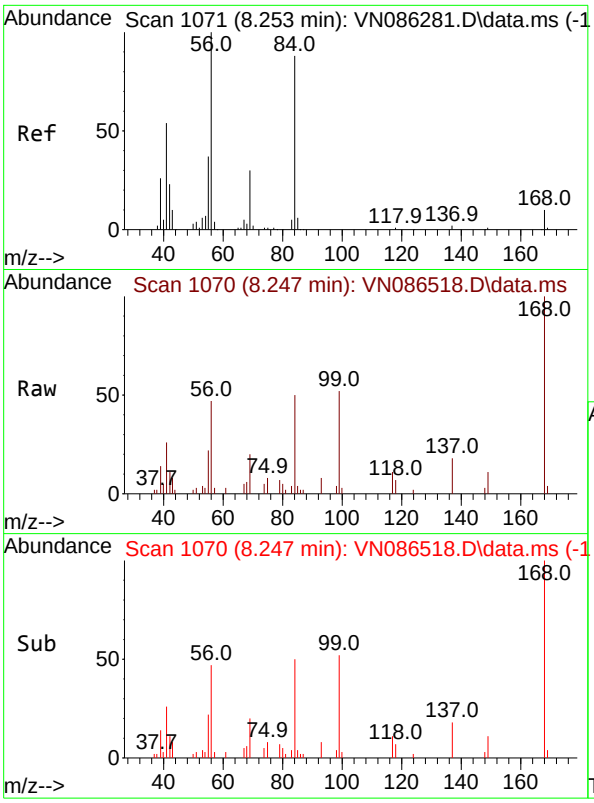


#20
Methylene Chloride
Concen: 0.997 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 84 Resp: 2266

Ion	Ratio	Lower	Upper
84	100		
49	107.0	98.2	147.2
51	30.6	29.8	44.6
86	50.7	52.0	78.0#



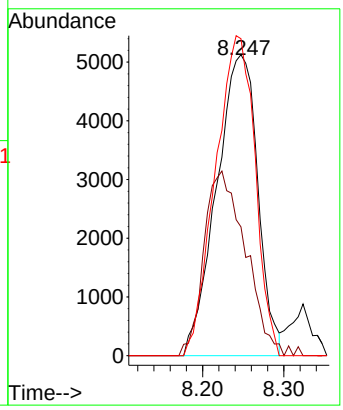


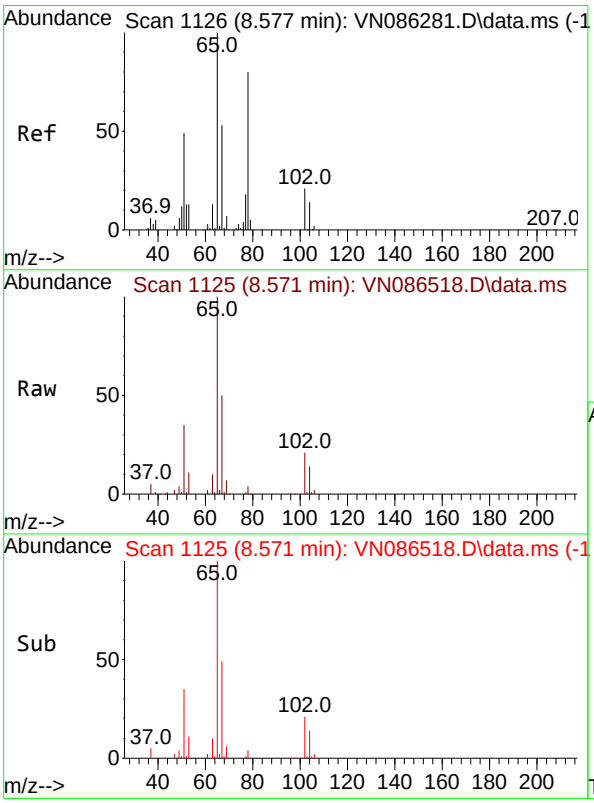
#31
Cyclohexane
Concen: 4.537 ug/l
RT: 8.247 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 56 Resp: 18078

Ion	Ratio	Lower	Upper
56	100		
69	42.8	24.2	36.2#
84	105.3	70.3	105.5

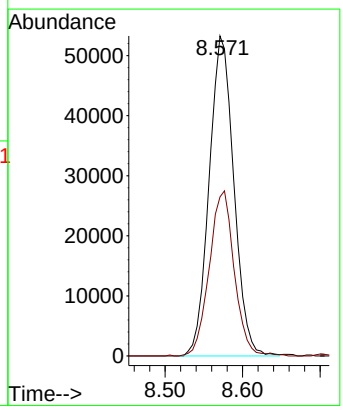


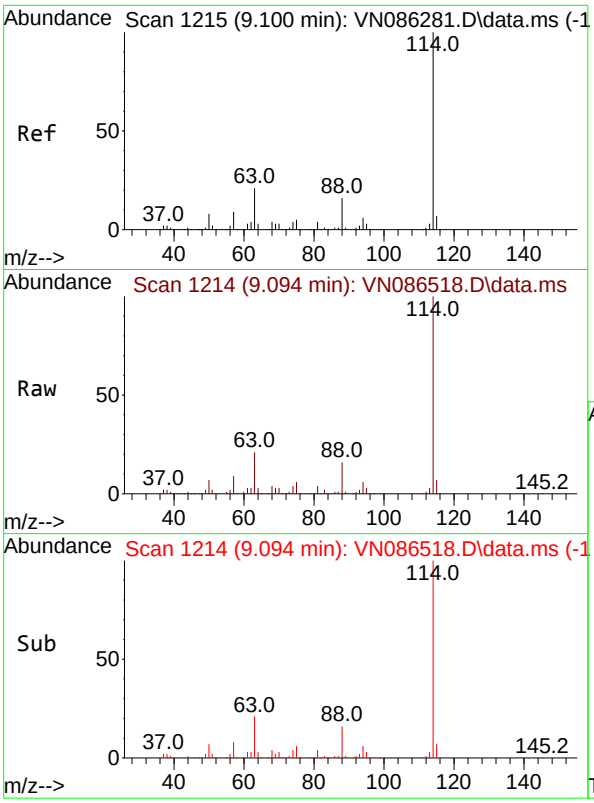


#33
1,2-Dichloroethane-d4
Concen: 48.063 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 65 Resp: 118170

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0



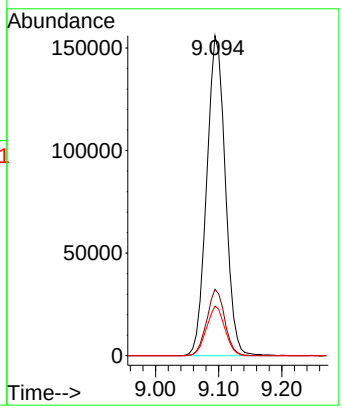


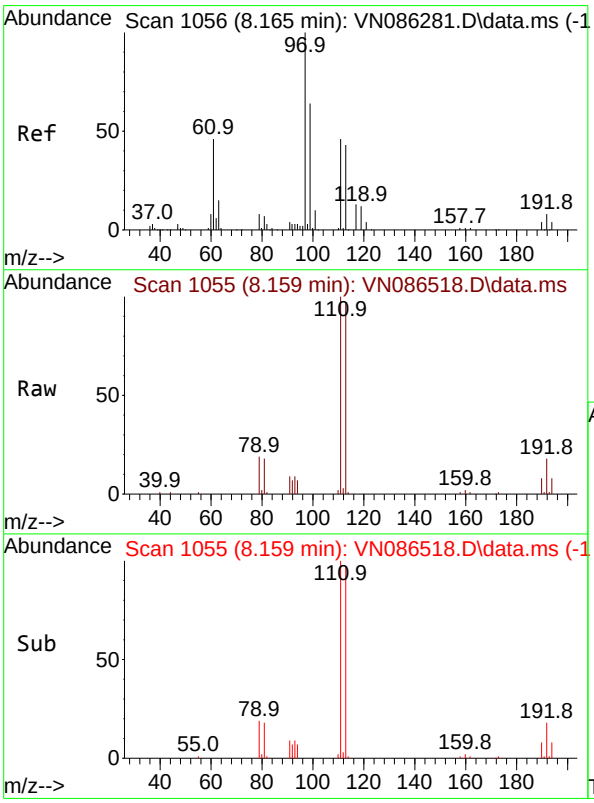
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:114 Resp: 319127

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.6
88	15.5	0.0	31.8

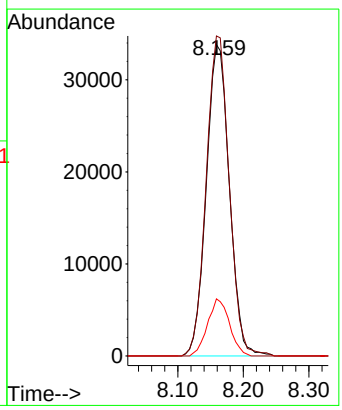


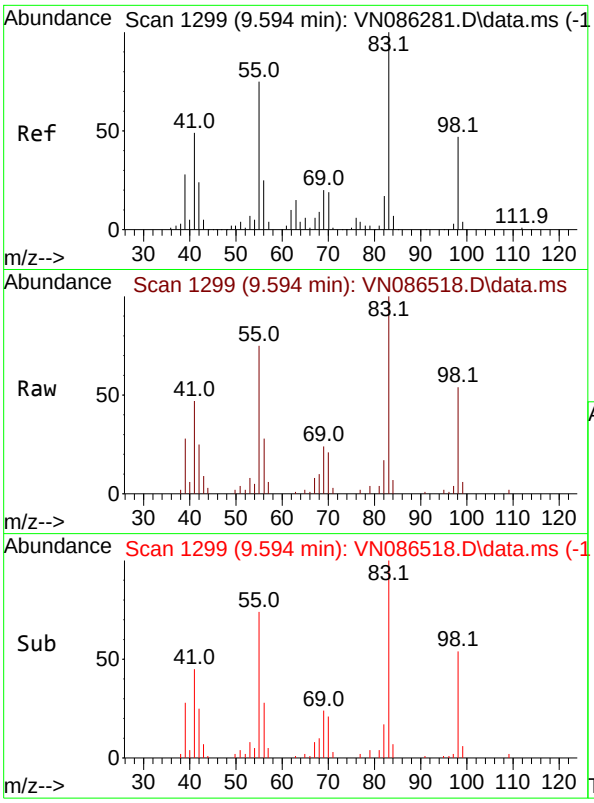


#35
Dibromofluoromethane
Concen: 55.816 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:113 Resp: 82669

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.0
192	17.4	13.7	20.5



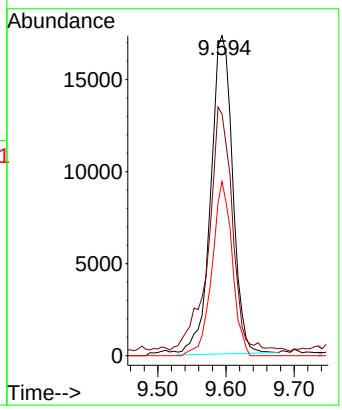


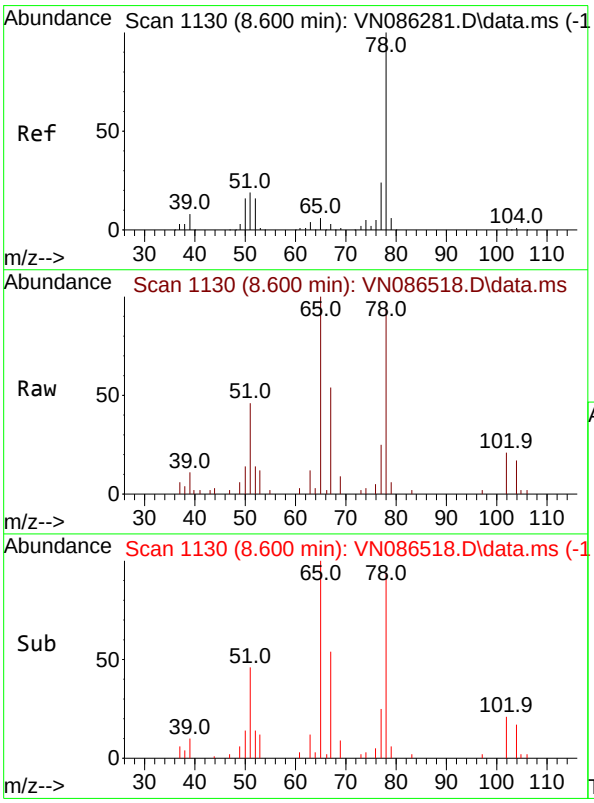
#39
Methylcyclohexane
Concen: 11.020 ug/l
RT: 9.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 83 Resp: 38749

Ion	Ratio	Lower	Upper
83	100		
55	74.0	59.8	89.8
98	54.9	37.9	56.9

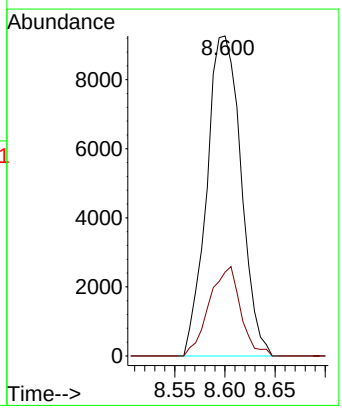


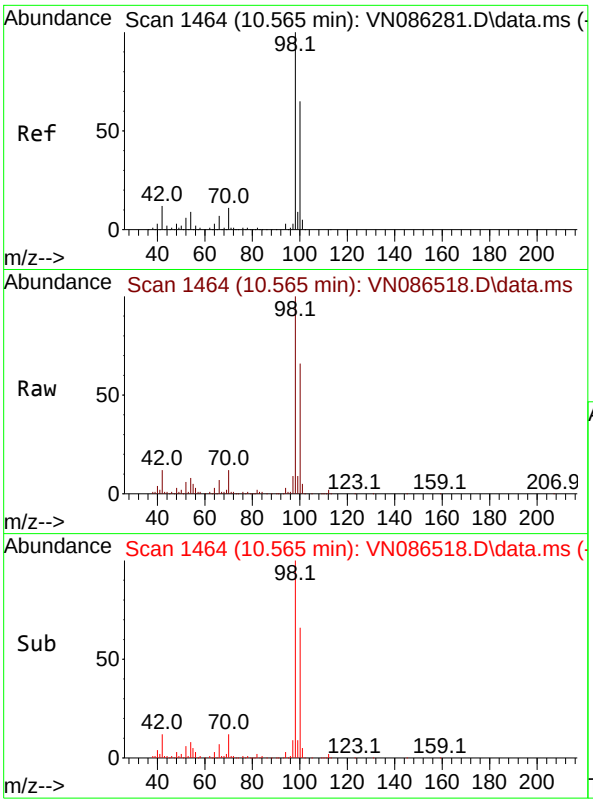


#40
Benzene
Concen: 2.320 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 78 Resp: 21989

Ion	Ratio	Lower	Upper
78	100		
77	26.2	19.4	29.2



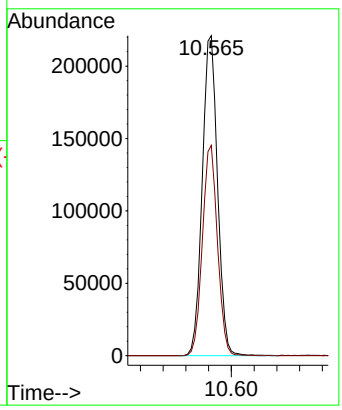


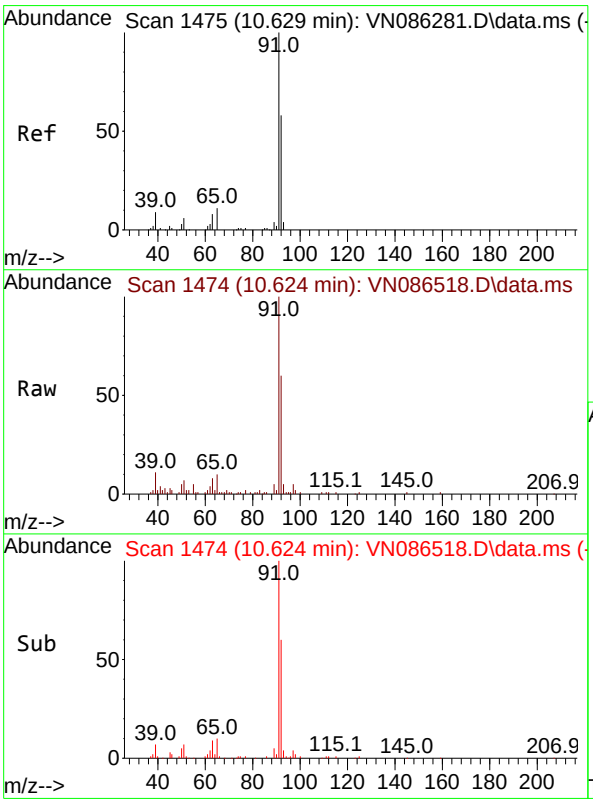
#50
Toluene-d8
Concen: 52.000 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 98 Resp: 411619

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.5	78.7

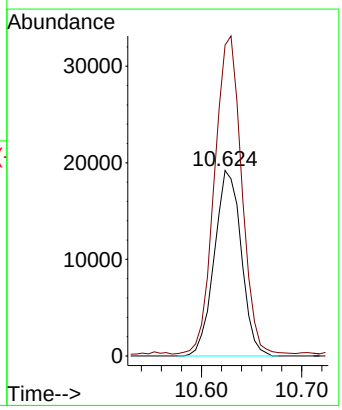


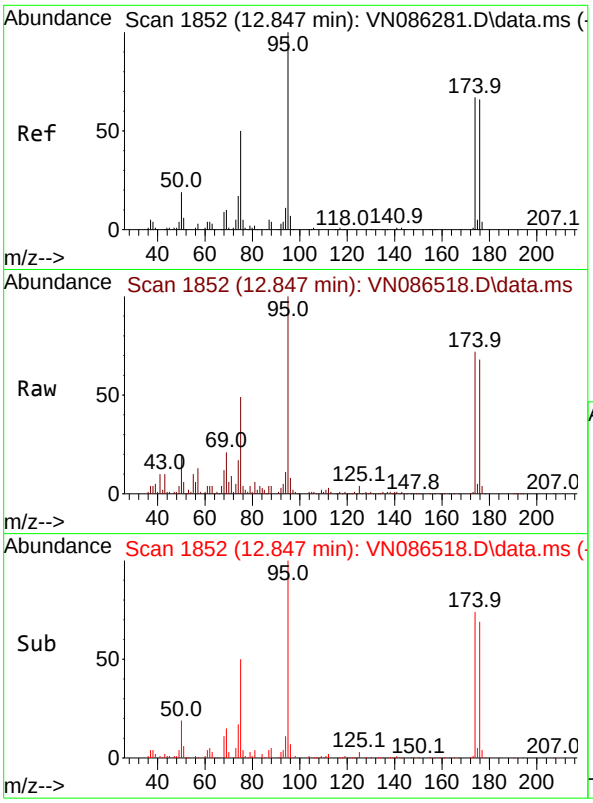


#52
Toluene
Concen: 6.041 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 92 Resp: 35726

Ion	Ratio	Lower	Upper
92	100		
91	173.1	137.3	205.9



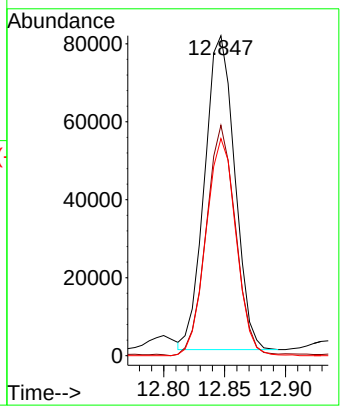


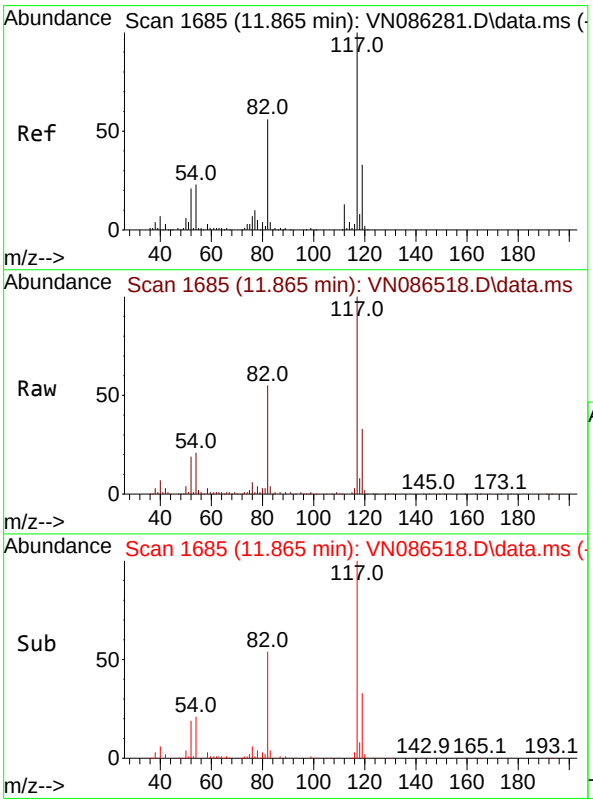
#62
4-Bromofluorobenzene
Concen: 48.038 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 95 Resp: 138696

Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	133.4
176	69.1	0.0	129.2

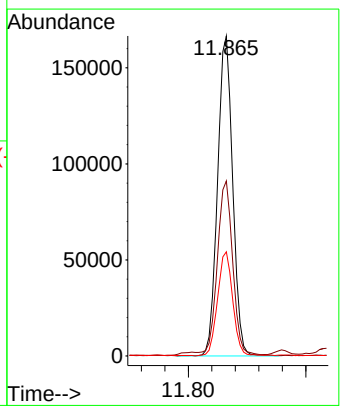


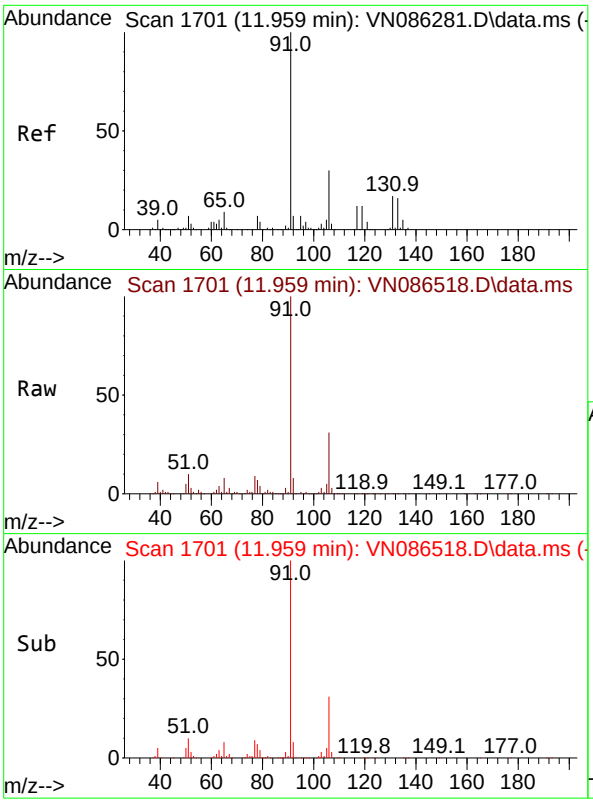


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:117 Resp: 297541

Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.7	67.1
119	32.4	26.4	39.6



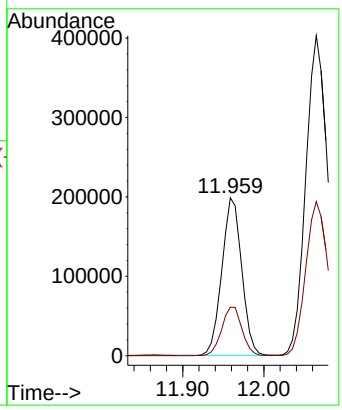


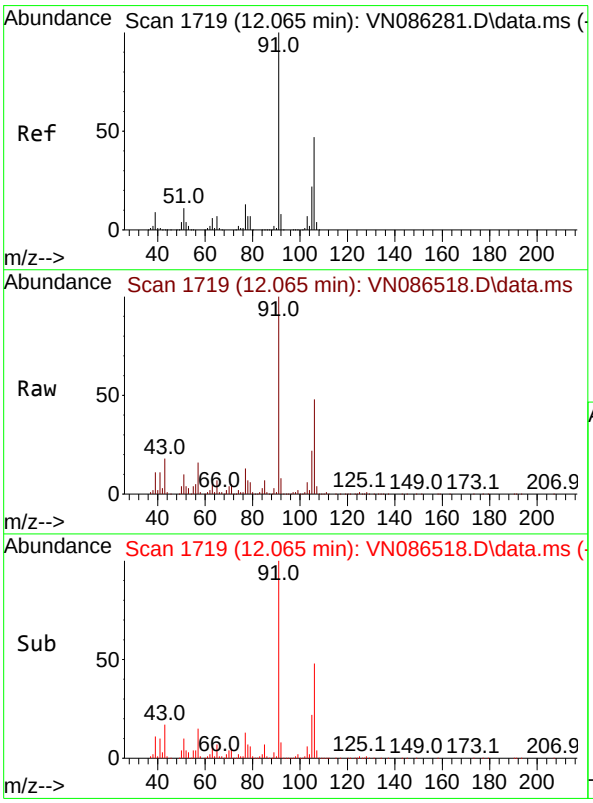
#67
Ethyl Benzene
Concen: 28.218 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 91 Resp: 338116

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5

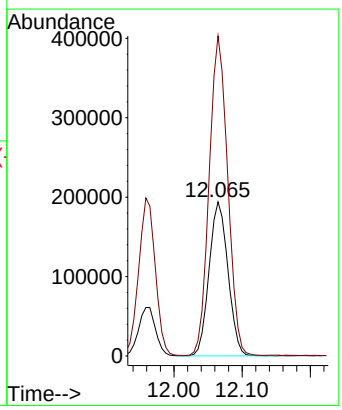


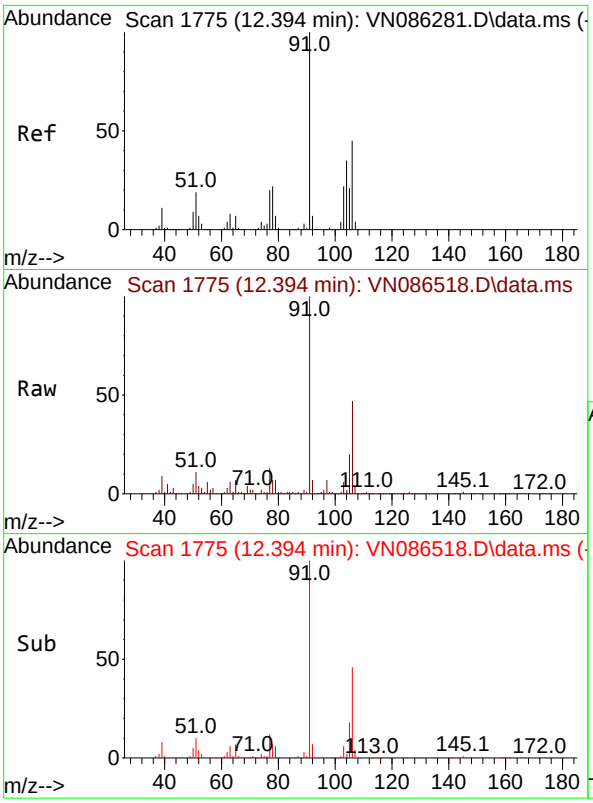


#68
m/p-Xylenes
Concen: 83.080 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:106 Resp: 373004

Ion	Ratio	Lower	Upper
106	100		
91	203.9	166.5	249.7



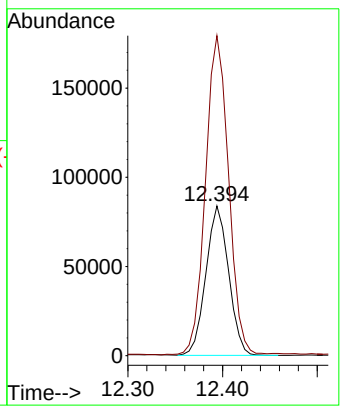


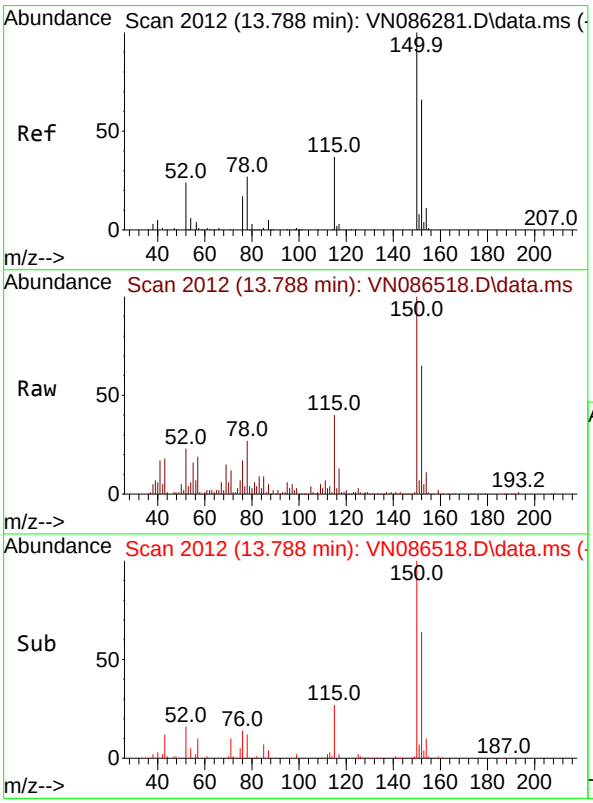
#69
o-Xylene
Concen: 31.468 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:106 Resp: 139720

Ion	Ratio	Lower	Upper
106	100		
91	217.1	109.7	329.0

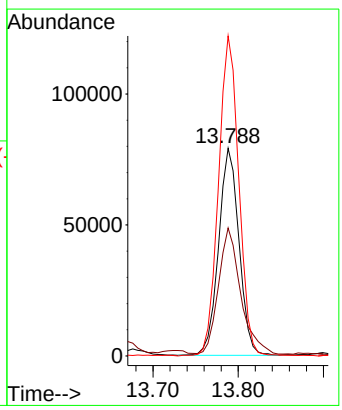


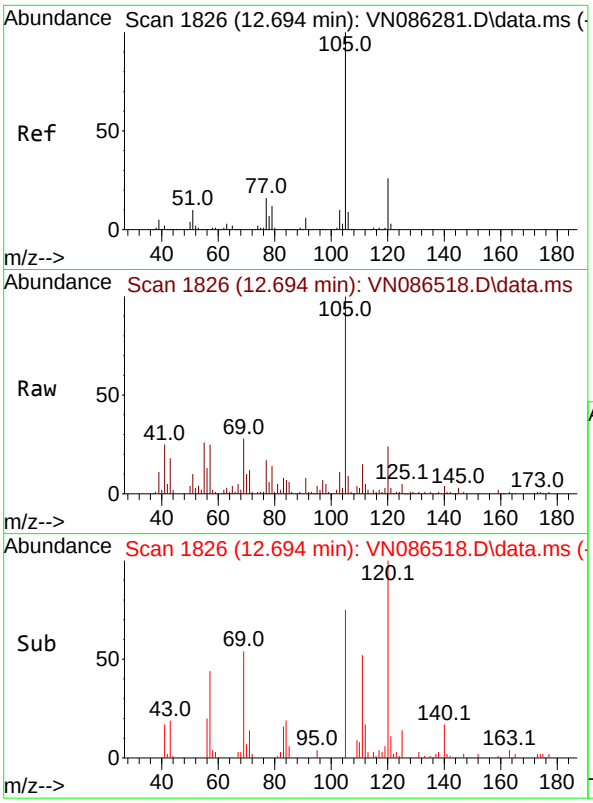


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:152 Resp: 131140

Ion	Ratio	Lower	Upper
152	100		
115	66.3	31.9	95.9
150	154.5	0.0	352.0



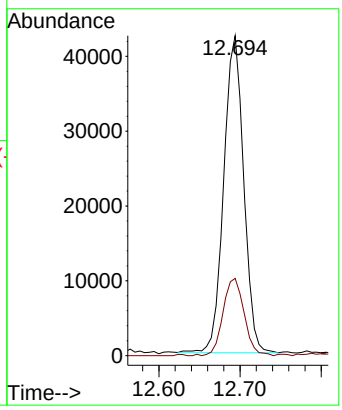


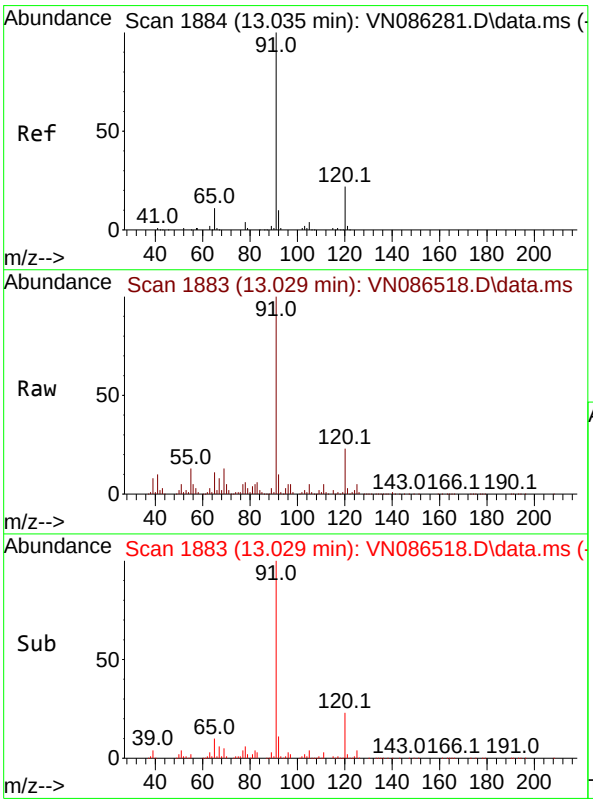
#73
Isopropylbenzene
Concen: 6.755 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:105 Resp: 72467

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.1	39.3

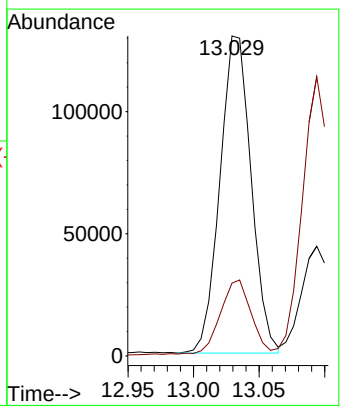


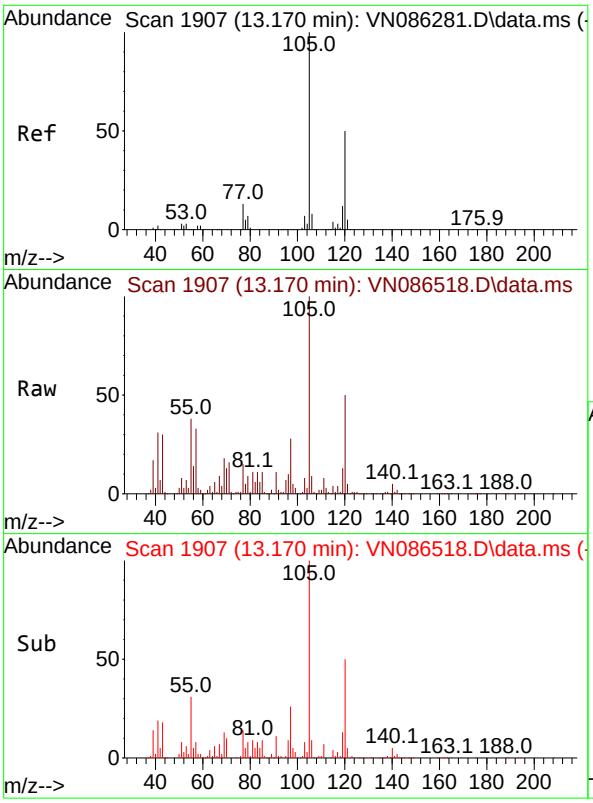


#78
n-propylbenzene
Concen: 17.035 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion: 91 Resp: 215340

Ion	Ratio	Lower	Upper
91	100		
120	25.3	11.1	33.3



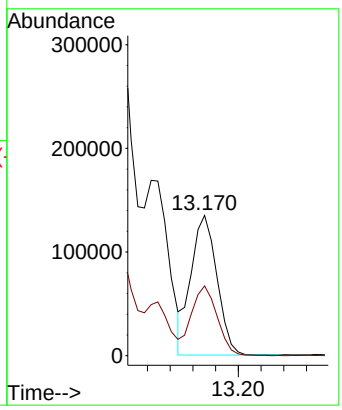


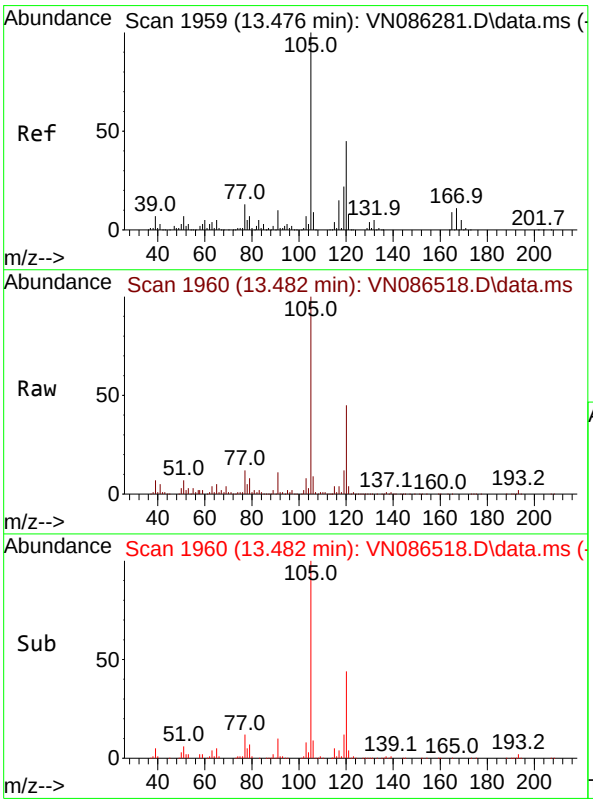
#80
1,3,5-Trimethylbenzene
Concen: 24.397 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:105 Resp: 214210

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.5	73.5

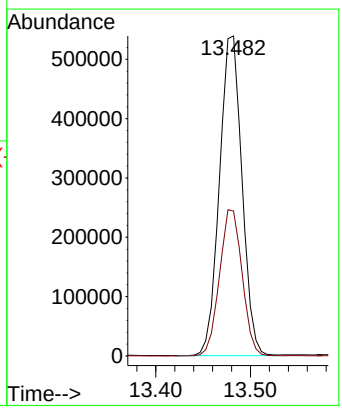


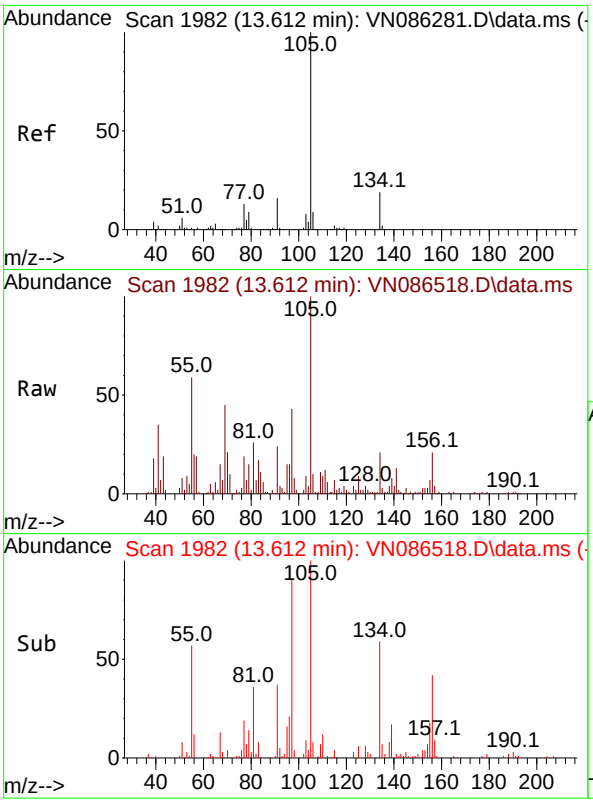


#84
1,2,4-Trimethylbenzene
Concen: 99.611 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:105 Resp: 890263

Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.4	67.3



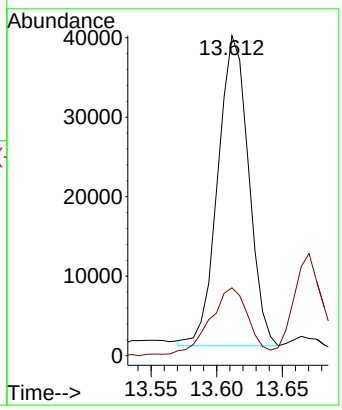


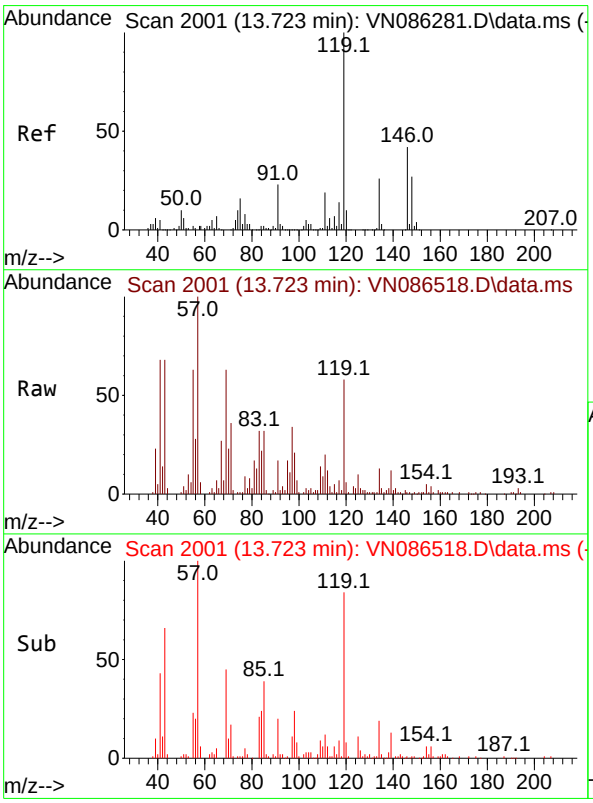
#85
sec-Butylbenzene
Concen: 6.019 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion:105 Resp: 63517

Ion	Ratio	Lower	Upper
105	100		
134	27.9	9.7	29.1

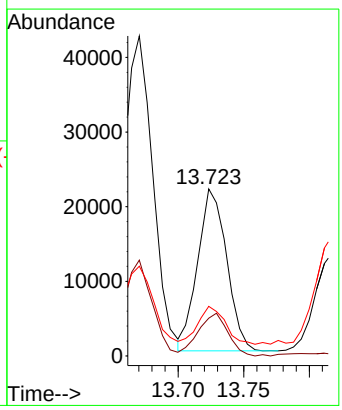


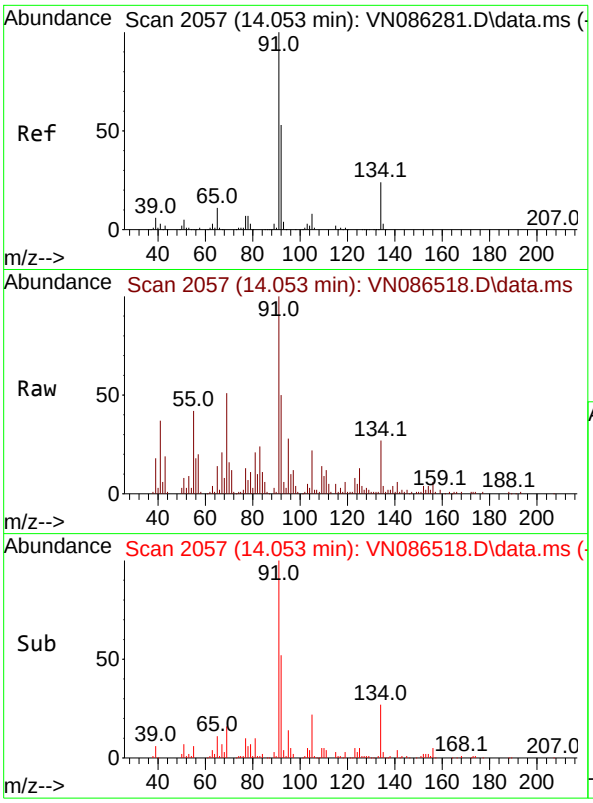


#86
p-Isopropyltoluene
Concen: 3.846 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Tgt Ion:119 Resp: 33454

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.1	39.1
91	21.8	11.9	35.9



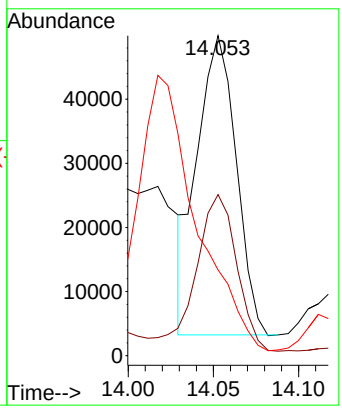


#89
n-Butylbenzene
Concen: 9.684 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086518.D
Acq: 06 May 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
SS-5ME

Tgt Ion: 91 Resp: 74661

Ion	Ratio	Lower	Upper
91	100		
92	55.0	26.8	80.4
134	0.0	12.2	36.6#



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6	SDG No.:	Q1914
Lab Sample ID:	Q1914-07	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.8
Sample Wt/Vol:	8.34 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022113.D	1		05/01/25 17:37	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	12.3		0.57	3.60	ug/Kg
108-88-3	Toluene	21.5		0.56	3.60	ug/Kg
100-41-4	Ethyl Benzene	240	E	0.48	3.60	ug/Kg
1330-20-7	Total Xylenes	1540	E	1.48	10.8	ug/Kg
98-82-8	Isopropylbenzene	71.9		0.56	3.60	ug/Kg
103-65-1	n-propylbenzene	180	E	0.52	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	440	E	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	760	E	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	72.3		0.47	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	51.0		0.44	3.60	ug/Kg
104-51-8	n-Butylbenzene	100		1.00	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	35.5		63 - 155	71%	SPK: 50
1868-53-7	Dibromofluoromethane	45.1		70 - 134	90%	SPK: 50
2037-26-5	Toluene-d8	54.9		74 - 123	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		38 - 136	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	547000	7.707			
540-36-3	1,4-Difluorobenzene	868000	8.616			
3114-55-4	Chlorobenzene-d5	697000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	327000	13.346			

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_Y\Data\VY050125\
Data File : VY022113.D
Acq On : 01 May 2025 17:37
Operator : SY/MD
Sample : Q1914-07
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:31:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	546701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	868396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	697183	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	327199	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	179229	35.492	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 70.980%			
35) Dibromofluoromethane	7.634	113	258477	45.054	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.100%			
50) Toluene-d8	10.103	98	1186710	54.867	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.740%			
62) 4-Bromofluorobenzene	12.402	95	395401	54.305	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.600%			
Target Compounds						Qvalue
25) 2-Butanone	6.896	43	6338	5.506	ug/l	94
31) Cyclohexane	7.701	56	454829	54.486	ug/l	98
39) Methylcyclohexane	9.109	83	2227467	229.680	ug/l	98
40) Benzene	8.079	78	414079	17.189	ug/l	98
52) Toluene	10.170	92	468185	30.024	ug/l	99
67) Ethyl Benzene	11.518	91	8654664	339.345	ug/l	96
68) m/p-Xylenes	11.627	106	15077975m	1485.716	ug/l	
69) o-Xylene	11.956	106	5723088	611.843	ug/l	92
73) Isopropylbenzene	12.255	105	2198348	100.563	ug/l	99
78) n-propylbenzene	12.597	91	6726321	258.375	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	11158175	619.494	ug/l	97
84) 1,2,4-Trimethylbenzene	13.036	105	19068394m	1058.421	ug/l	
85) sec-Butylbenzene	13.176	105	2389617	101.092	ug/l	85
86) p-Isopropyltoluene	13.292	119	1430344	71.260	ug/l	99
89) n-Butylbenzene	13.621	91	2549592	142.108	ug/l #	70

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

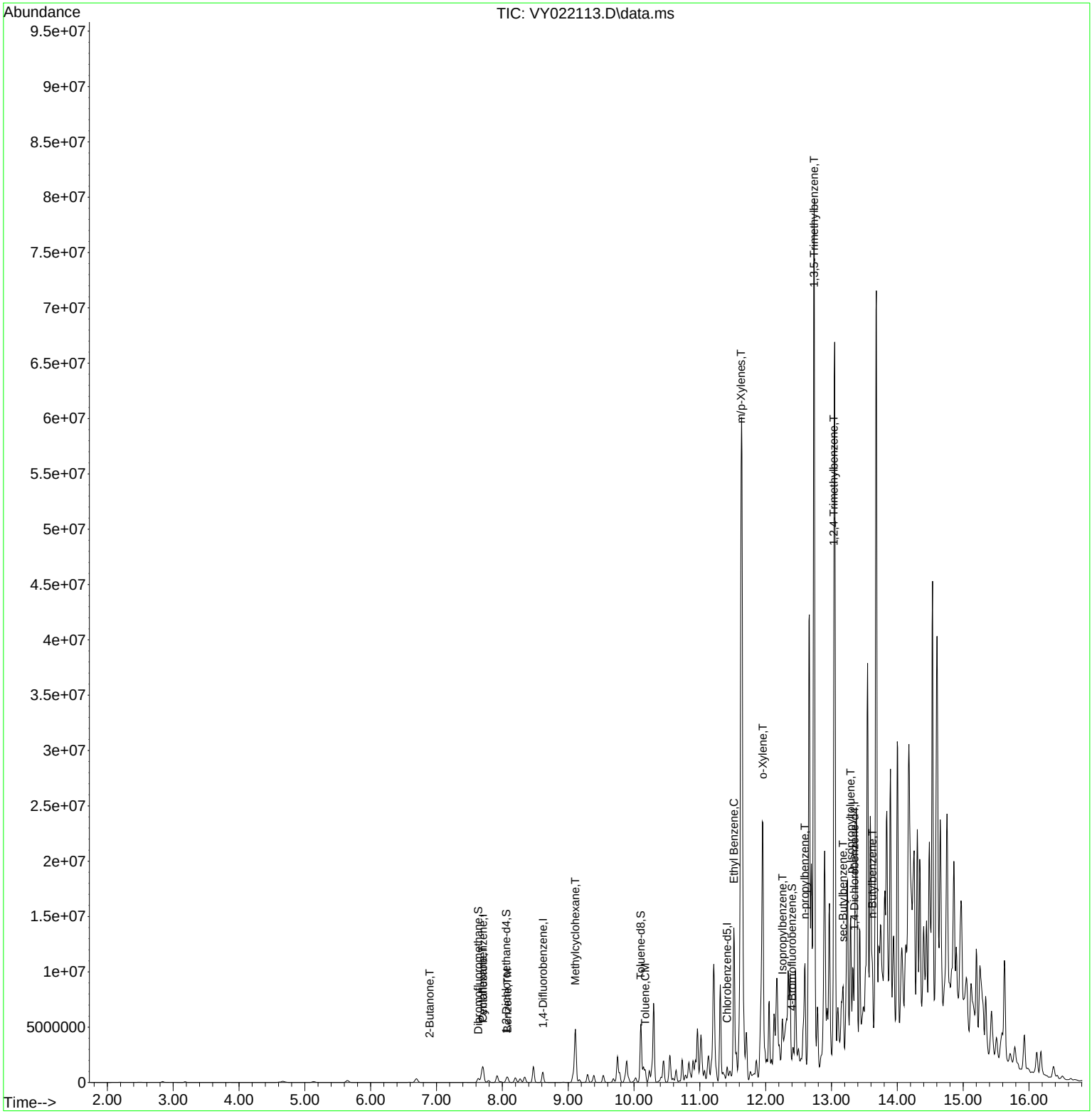
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022113.D
Acq On : 01 May 2025 17:37
Operator : SY/MD
Sample : Q1914-07
Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

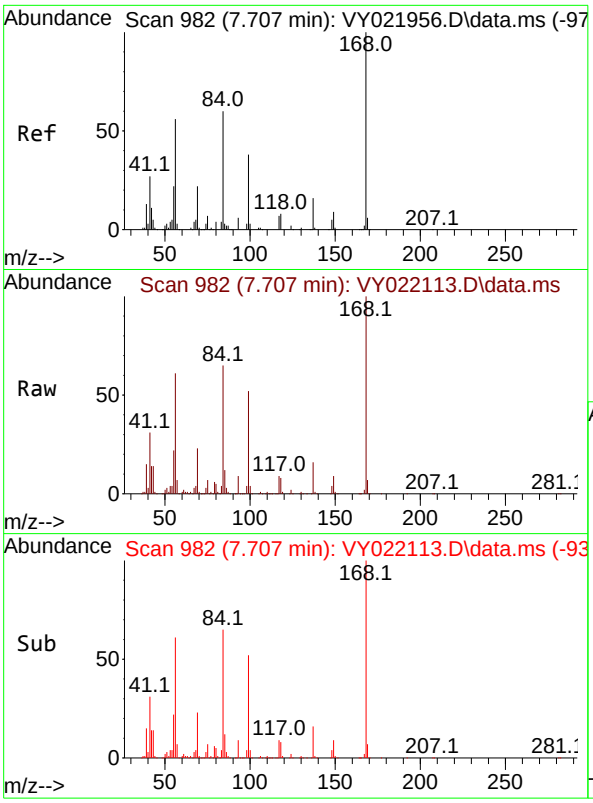
Quant Time: May 02 01:31:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

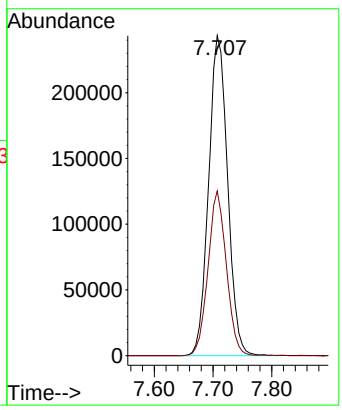
Tgt Ion:168 Resp: 54670

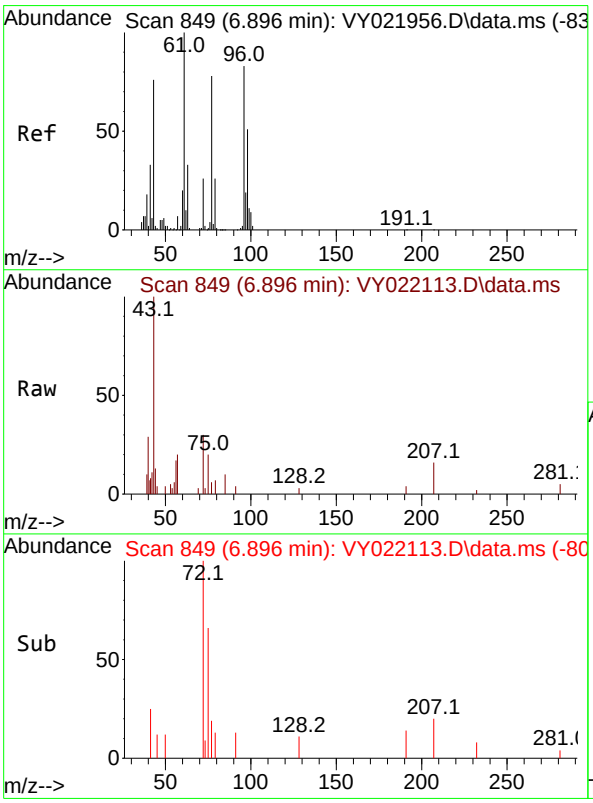
Ion	Ratio	Lower	Upper
168	100		
99	51.5	43.1	64.7

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

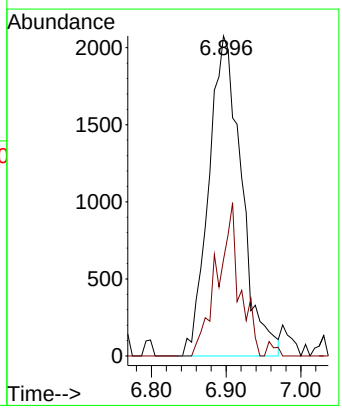


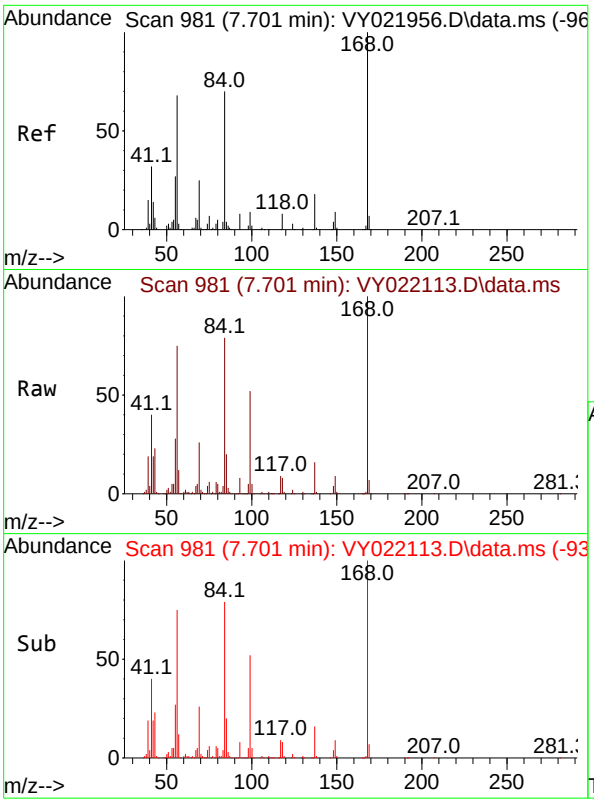


#25
2-Butanone
Concen: 5.506 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 43 Resp: 6338

Ion	Ratio	Lower	Upper
43	100		
72	30.1	27.0	40.4

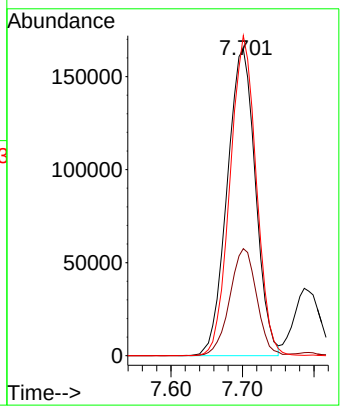




#31
Cyclohexane
Concen: 54.486 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 56 Resp: 45482

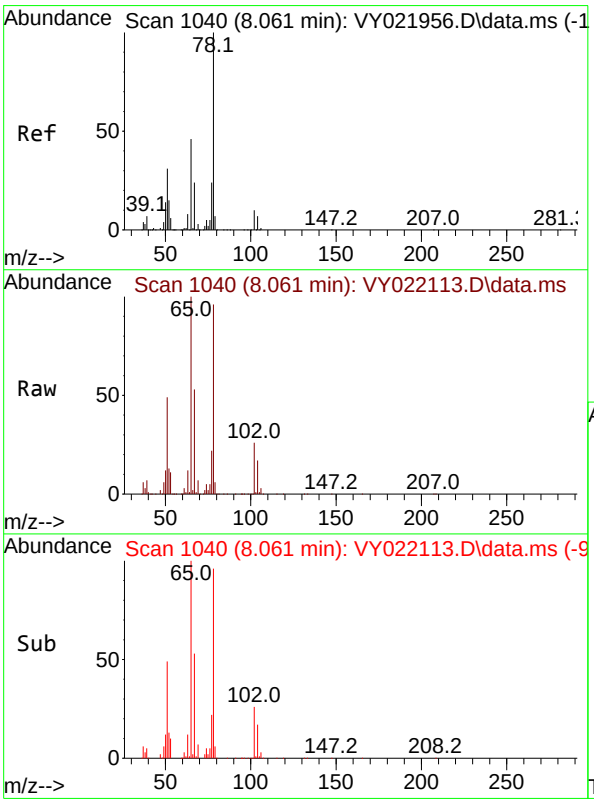
Ion	Ratio	Lower	Upper
56	100		
69	34.9	29.4	44.2
84	104.3	82.2	123.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
APPROVED

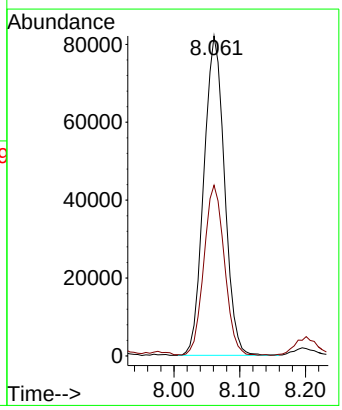
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

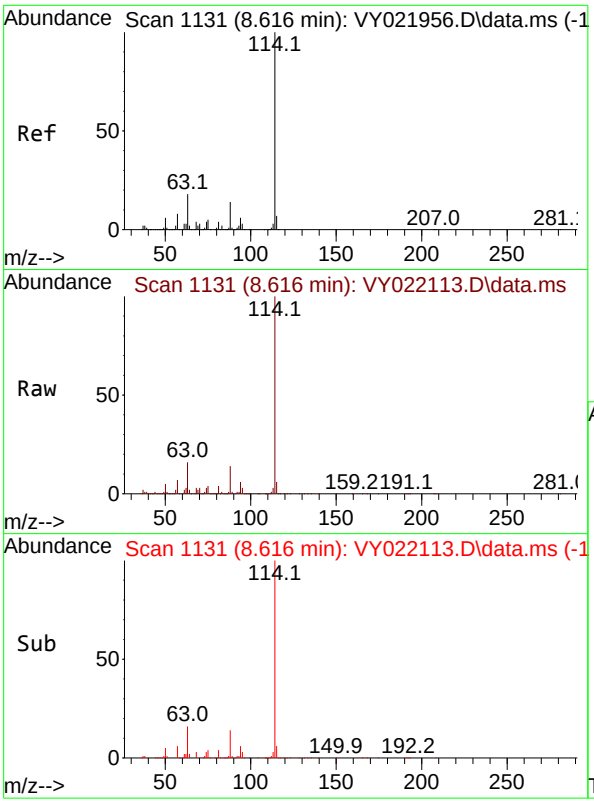


#33
1,2-Dichloroethane-d4
Concen: 35.492 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 65 Resp: 179229

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.8

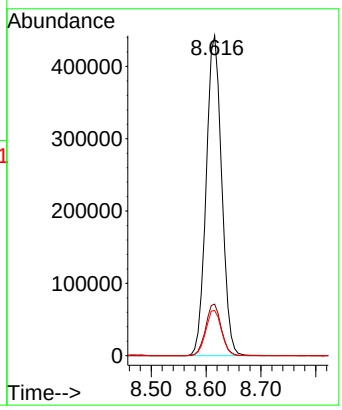




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:114 Resp: 86839

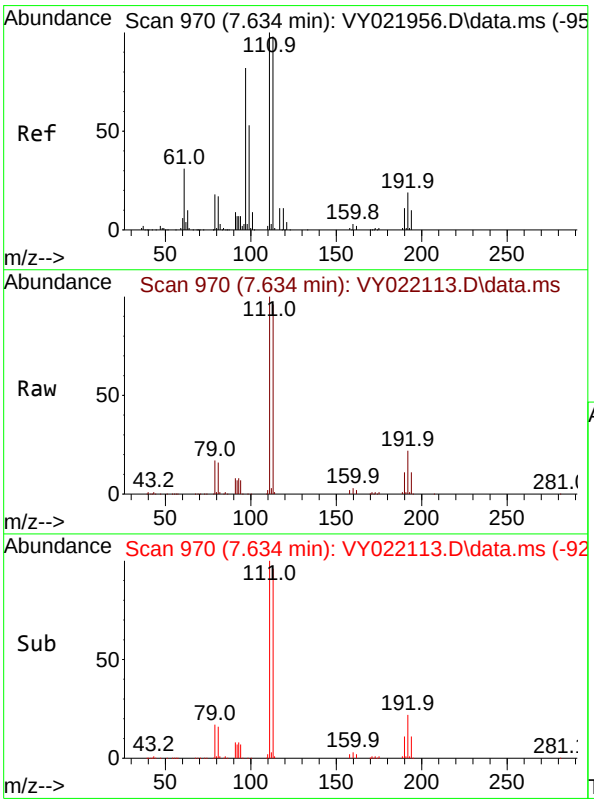
Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	35.4
88	14.1	0.0	28.2



Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
APPROVED

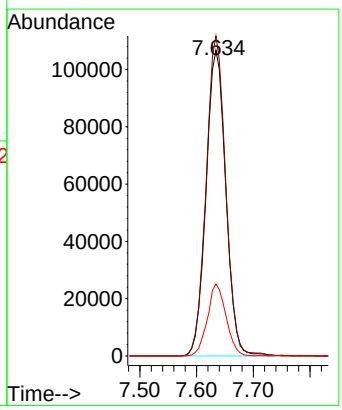
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

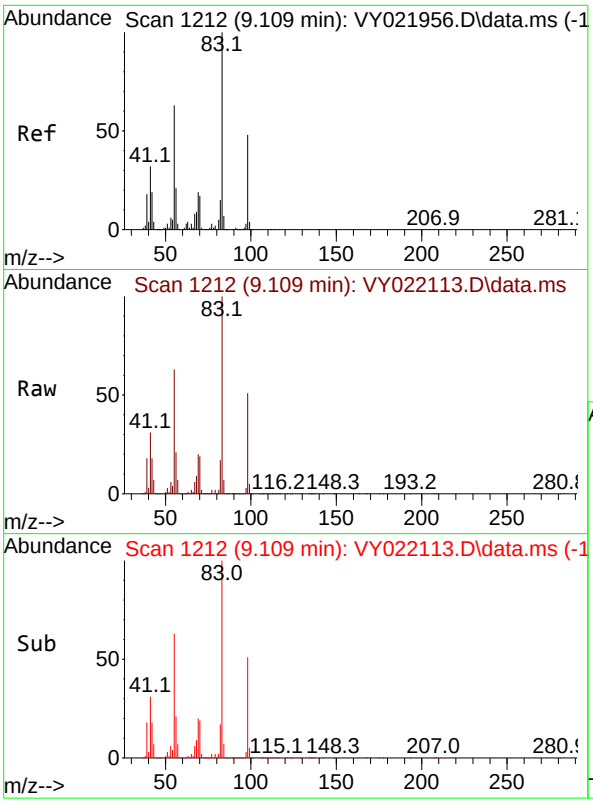


#35
Dibromofluoromethane
Concen: 45.054 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:113 Resp: 258477

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	22.2	15.6	23.4





#39
Methylcyclohexane
Concen: 229.680 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

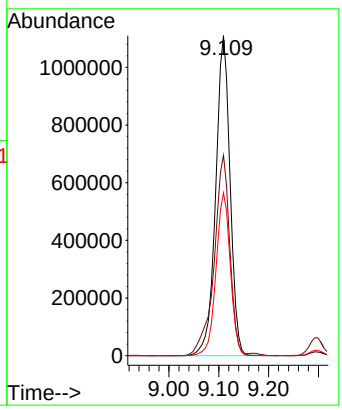
Tgt Ion: 83 Resp: 222746

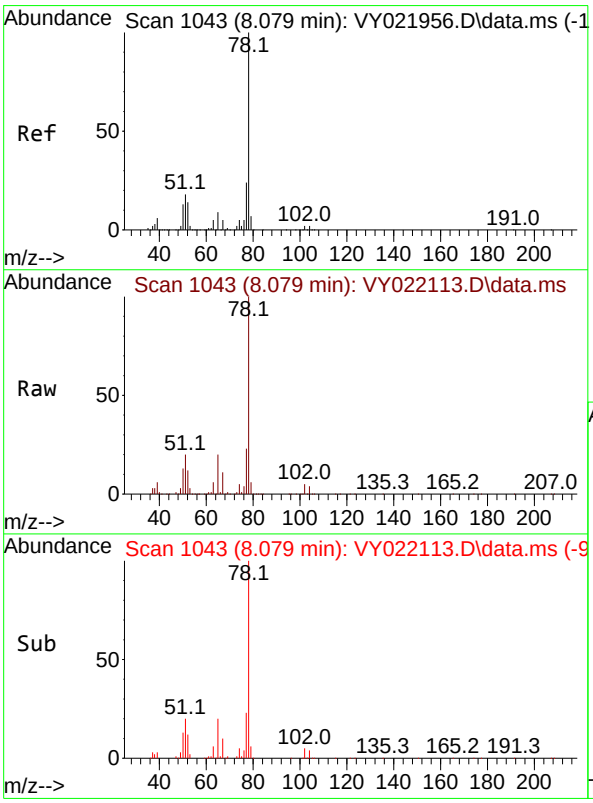
Ion	Ratio	Lower	Upper
83	100		
55	62.6	50.6	75.8
98	50.9	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

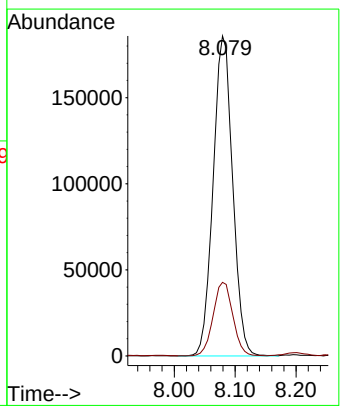


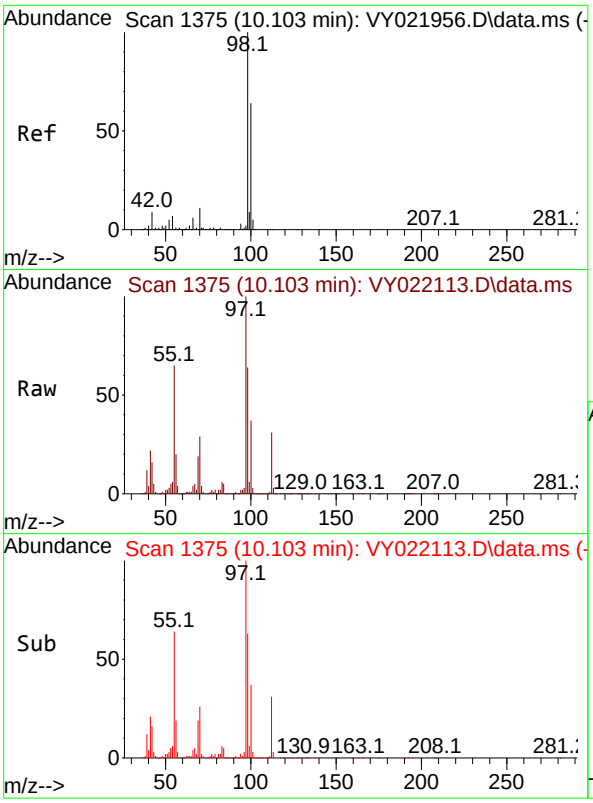


#40
Benzene
Concen: 17.189 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 78 Resp: 414079

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9

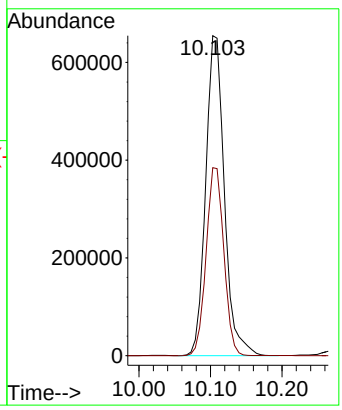




#50
Toluene-d8
Concen: 54.867 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 98 Resp: 118671

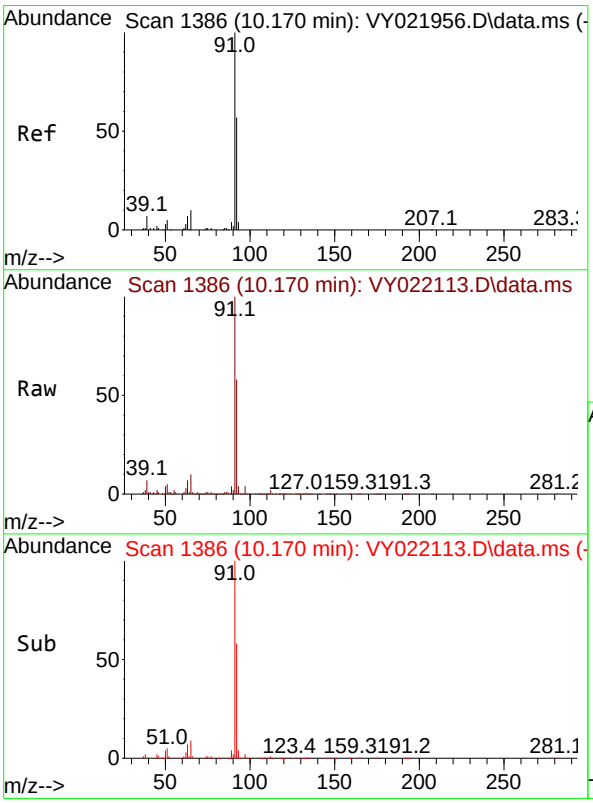
Ion	Ratio	Lower	Upper
98	100		
100	55.7	51.6	77.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
APPROVED

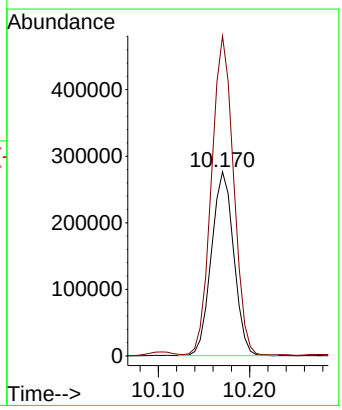
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

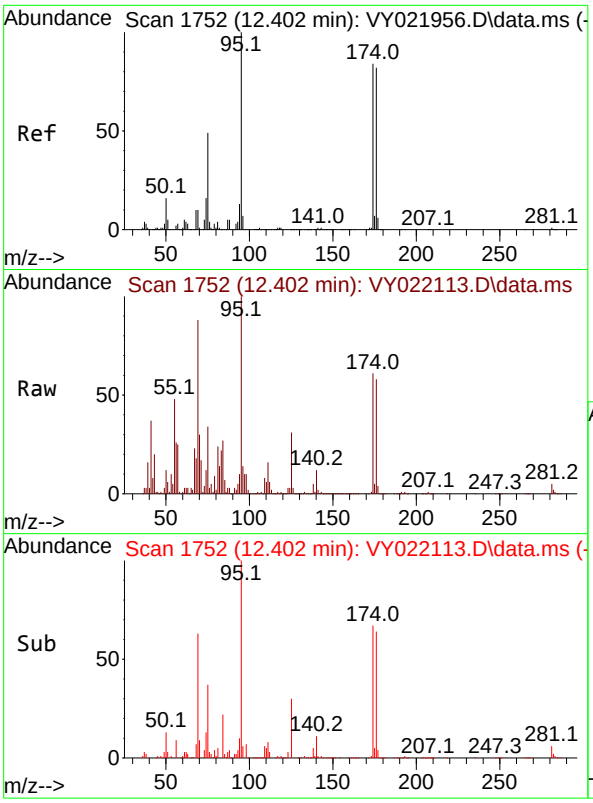


#52
Toluene
Concen: 30.024 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 92 Resp: 468185

Ion	Ratio	Lower	Upper
92	100		
91	172.2	138.6	207.8





#62
4-Bromofluorobenzene
Concen: 54.305 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 95 Resp: 39540

Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	179.0
176	63.7	0.0	171.8

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
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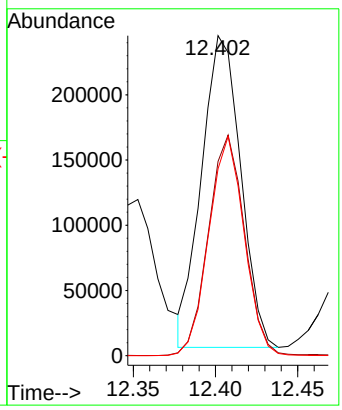
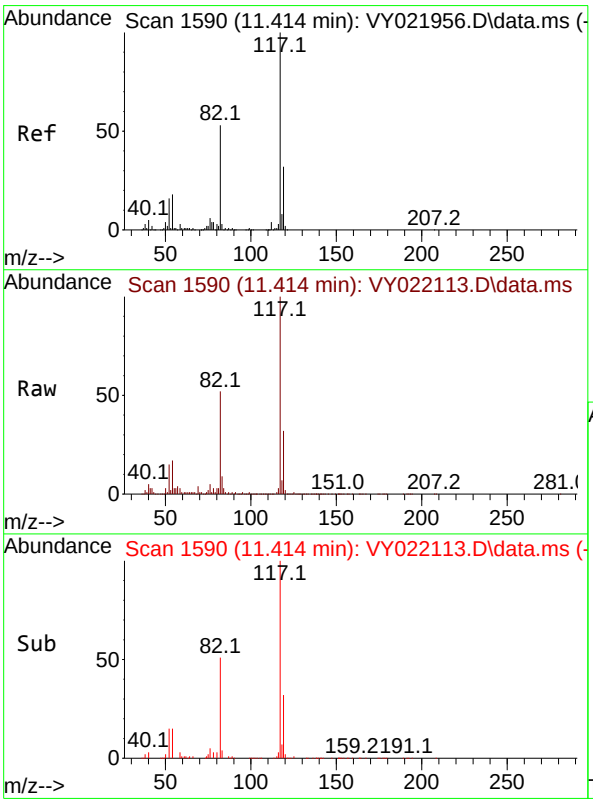
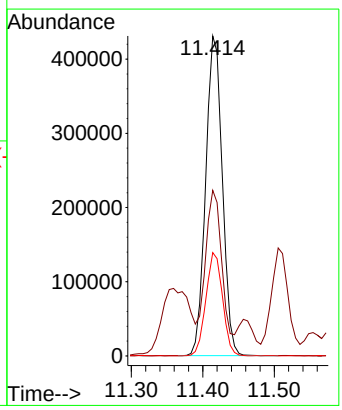


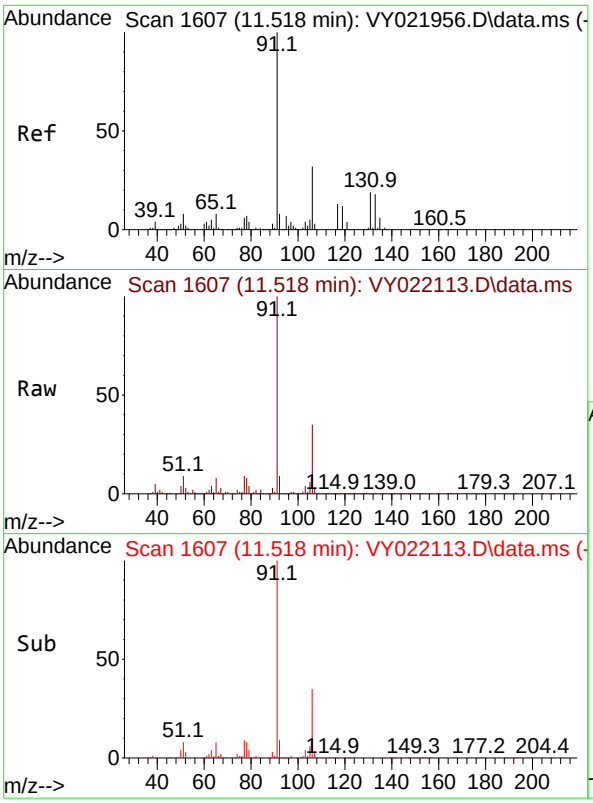


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:117 Resp: 697183

Ion	Ratio	Lower	Upper
117	100		
82	32.0	42.1	63.1#
119	32.3	25.7	38.5





#67
Ethyl Benzene
Concen: 339.345 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

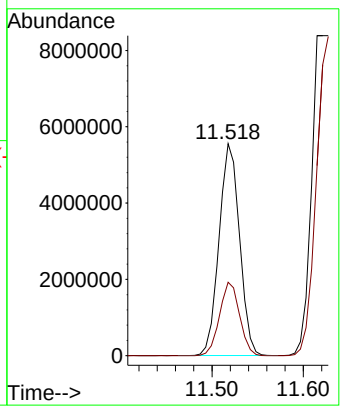
Tgt Ion: 91 Resp: 865466

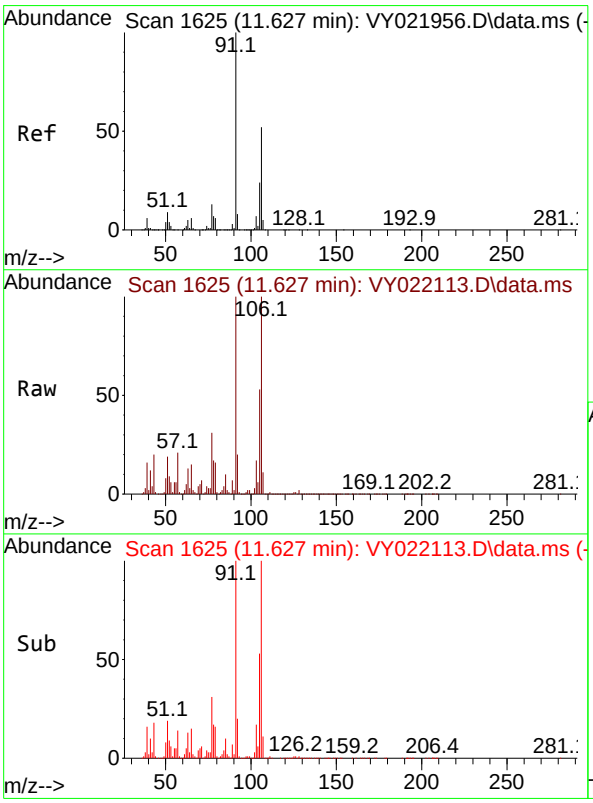
Ion	Ratio	Lower	Upper
91	100		
106	34.6	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

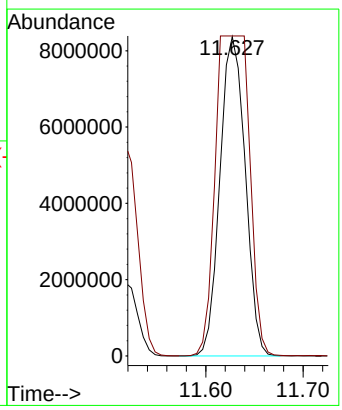


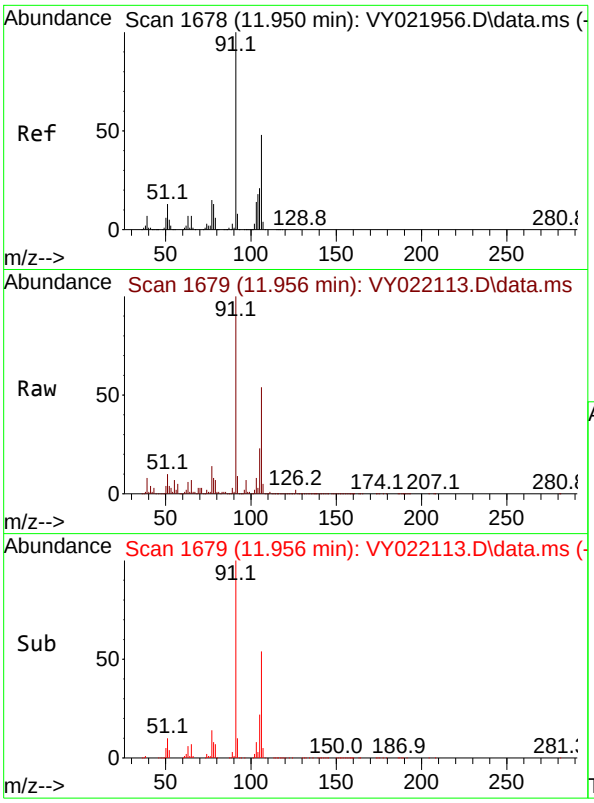


#68
m/p-Xylenes
Concen: 1485.716 ug/l m
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:106 Resp:15077975

Ion	Ratio	Lower	Upper
106	100		
91	0.0	156.2	234.2#

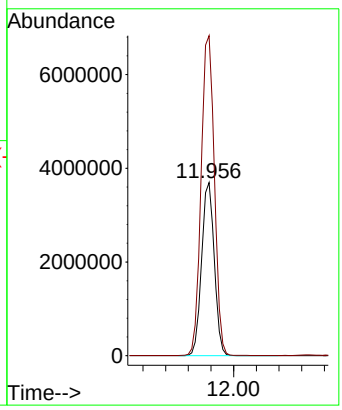




#69
o-Xylene
Concen: 611.843 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:106 Resp: 572308

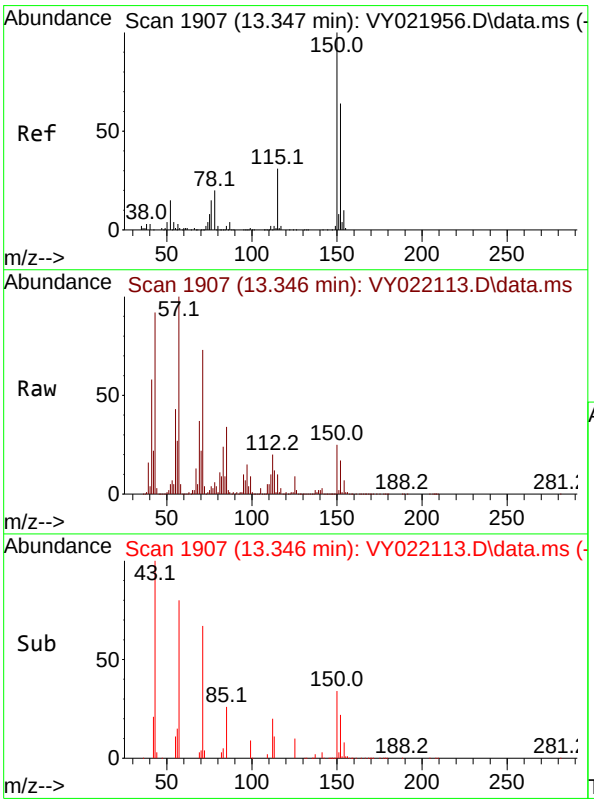
Ion	Ratio	Lower	Upper
106	100		
91	194.0	103.0	308.9



Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
APPROVED

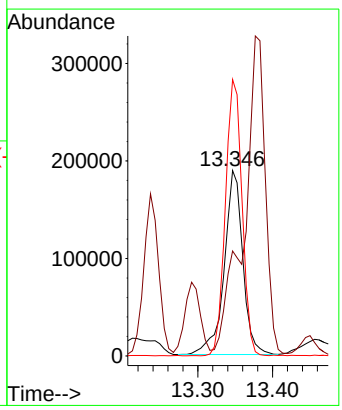
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

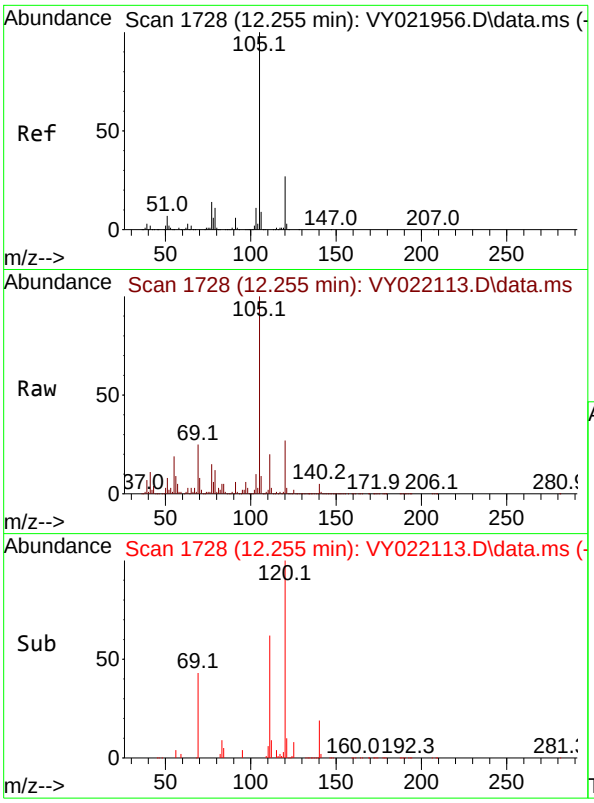


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:152 Resp: 327199

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.0	84.0#
150	134.3	0.0	345.6

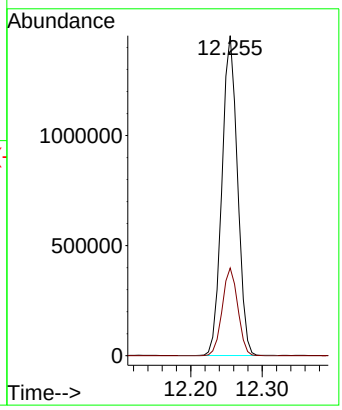




#73
Isopropylbenzene
Concen: 100.563 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:105 Resp: 219834

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
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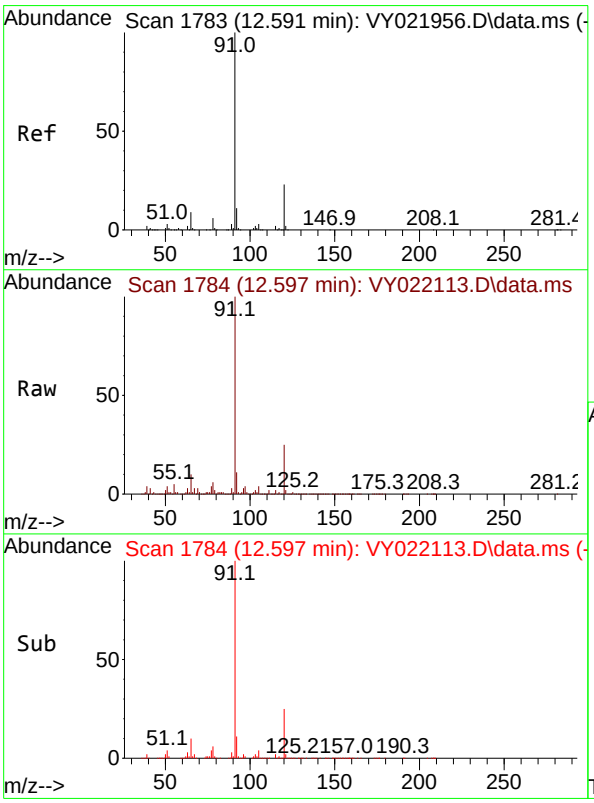
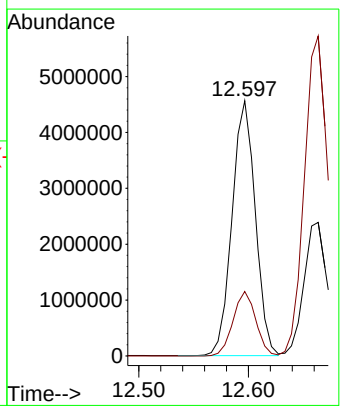
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

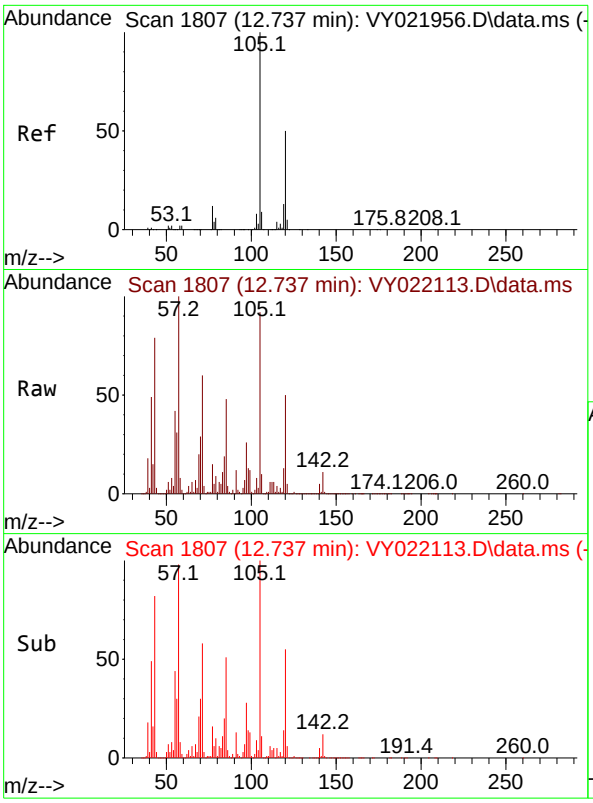


#78
n-propylbenzene
Concen: 258.375 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 91 Resp: 6726321

Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.9	35.5

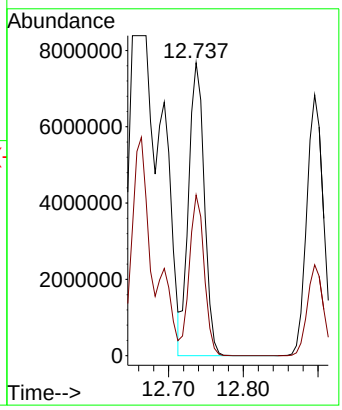




#80
1,3,5-Trimethylbenzene
Concen: 619.494 ug/l
RT: 12.737 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:105 Resp:1115817

Ion	Ratio	Lower	Upper
105	100		
120	52.3	25.0	75.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-6

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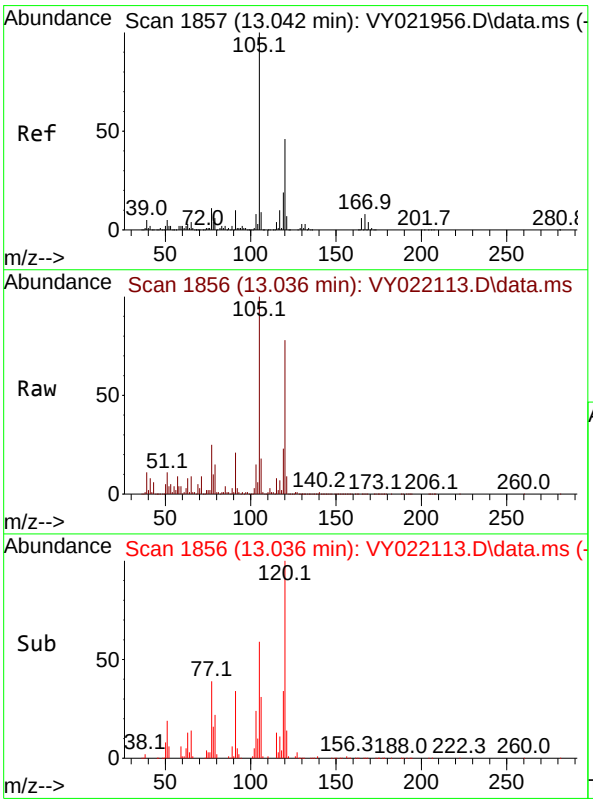
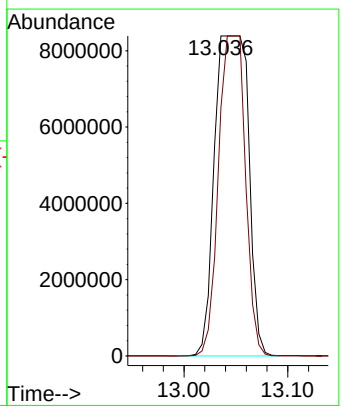
Supervised By :Mahesh Dadoda 05/05/2025

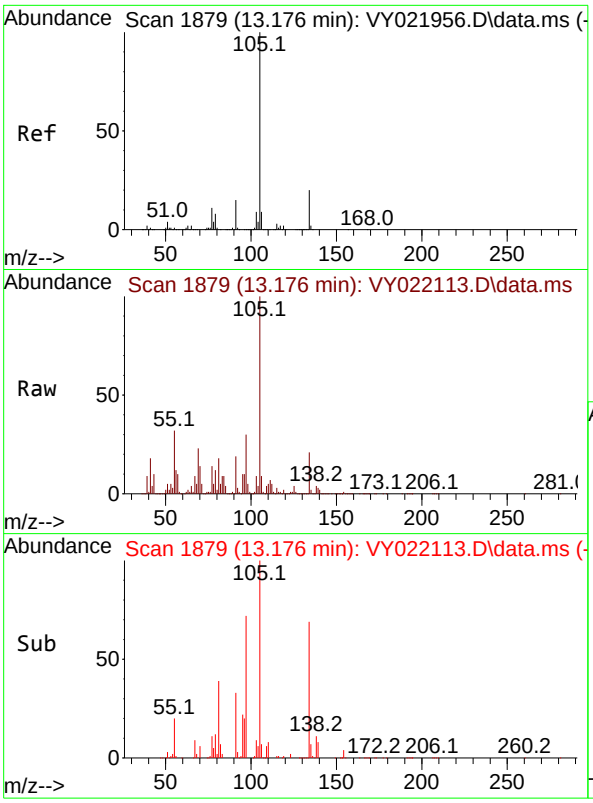


#84
1,2,4-Trimethylbenzene
Concen: 1058.421 ug/l m
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:105 Resp:19068394

Ion	Ratio	Lower	Upper
105	100		
120	18.3	23.4	70.0#





#85
sec-Butylbenzene
Concen: 101.092 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:105 Resp: 238961

Ion	Ratio	Lower	Upper
105	100		
134	27.5	10.3	30.9

Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
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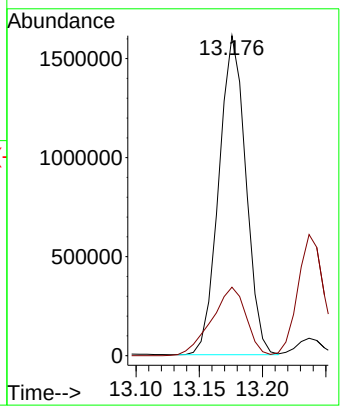
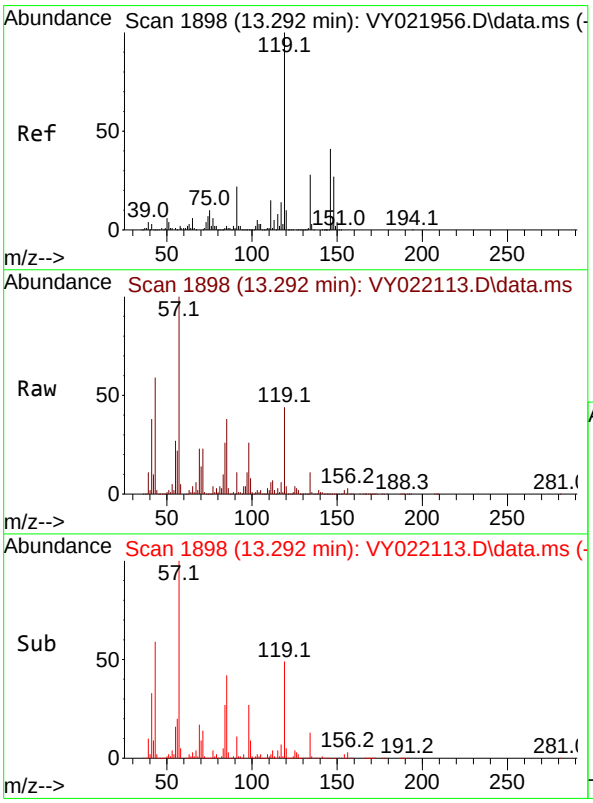
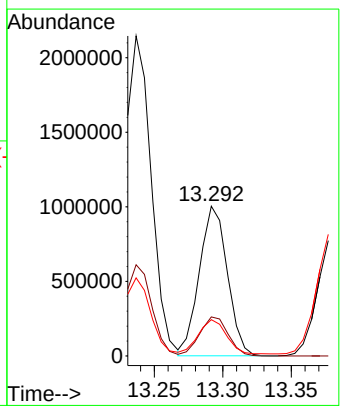


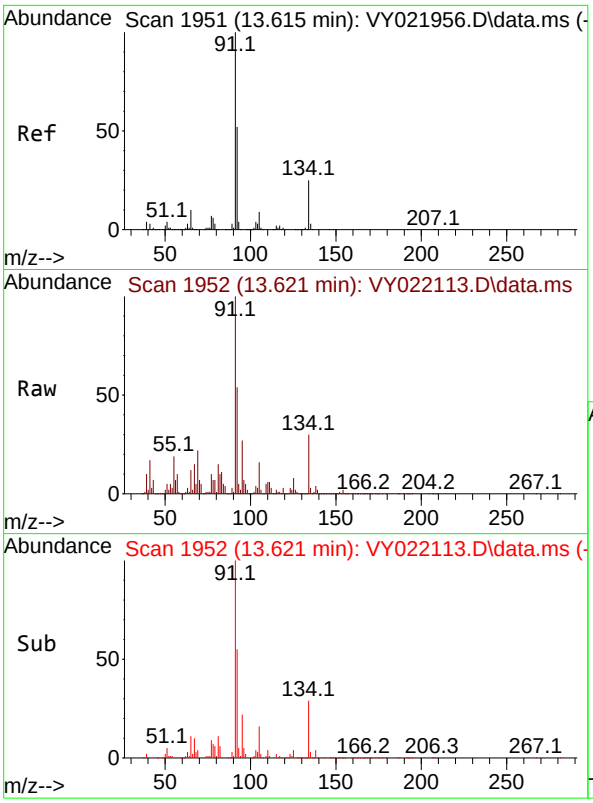


#86
p-Isopropyltoluene
Concen: 71.260 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:119 Resp: 1430344

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.7
91	22.5	11.0	33.0

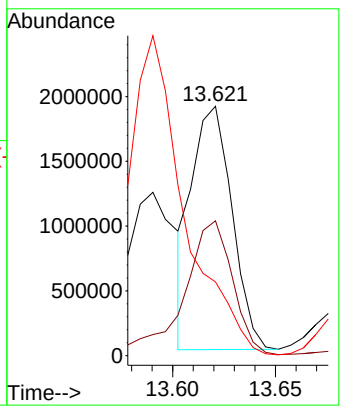




#89
n-Butylbenzene
Concen: 142.108 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 91 Resp: 254959

Ion	Ratio	Lower	Upper
91	100		
92	66.7	26.5	79.5
134	0.0	13.4	40.1#



Instrument :
MSVOA_Y
ClientSampleId :
SS-6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6ME	SDG No.:	Q1914
Lab Sample ID:	Q1914-07ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.8
Sample Wt/Vol:	7.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086519.D	1		05/06/25 16:59	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	170	JD	31.1	200	ug/Kg
108-88-3	Toluene	1600	D	30.7	200	ug/Kg
100-41-4	Ethyl Benzene	5300	ED	26.3	200	ug/Kg
1330-20-7	Total Xylenes	31900	ED	80.9	590	ug/Kg
98-82-8	Isopropylbenzene	1700	D	30.7	200	ug/Kg
103-65-1	n-propylbenzene	4900	ED	28.7	200	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	8000	ED	32.2	200	ug/Kg
98-06-6	tert-Butylbenzene	200	UD	26.3	200	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	29500	ED	25.2	200	ug/Kg
135-98-8	sec-Butylbenzene	2000	D	25.9	200	ug/Kg
99-87-6	p-Isopropyltoluene	1400	D	24.4	200	ug/Kg
104-51-8	n-Butylbenzene	3500	D	57.0	200	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.0		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	55.4		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	54.9		74 - 123	110%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.4		38 - 136	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	172000	8.218			
540-36-3	1,4-Difluorobenzene	323000	9.094			
3114-55-4	Chlorobenzene-d5	314000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	149000	13.788			

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_N\Data\VN050625\
Data File : VN086519.D
Acq On : 06 May 2025 16:59
Operator : JC\MD
Sample : Q1914-07ME
Misc : 7.59g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Quant Time: May 07 02:56:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

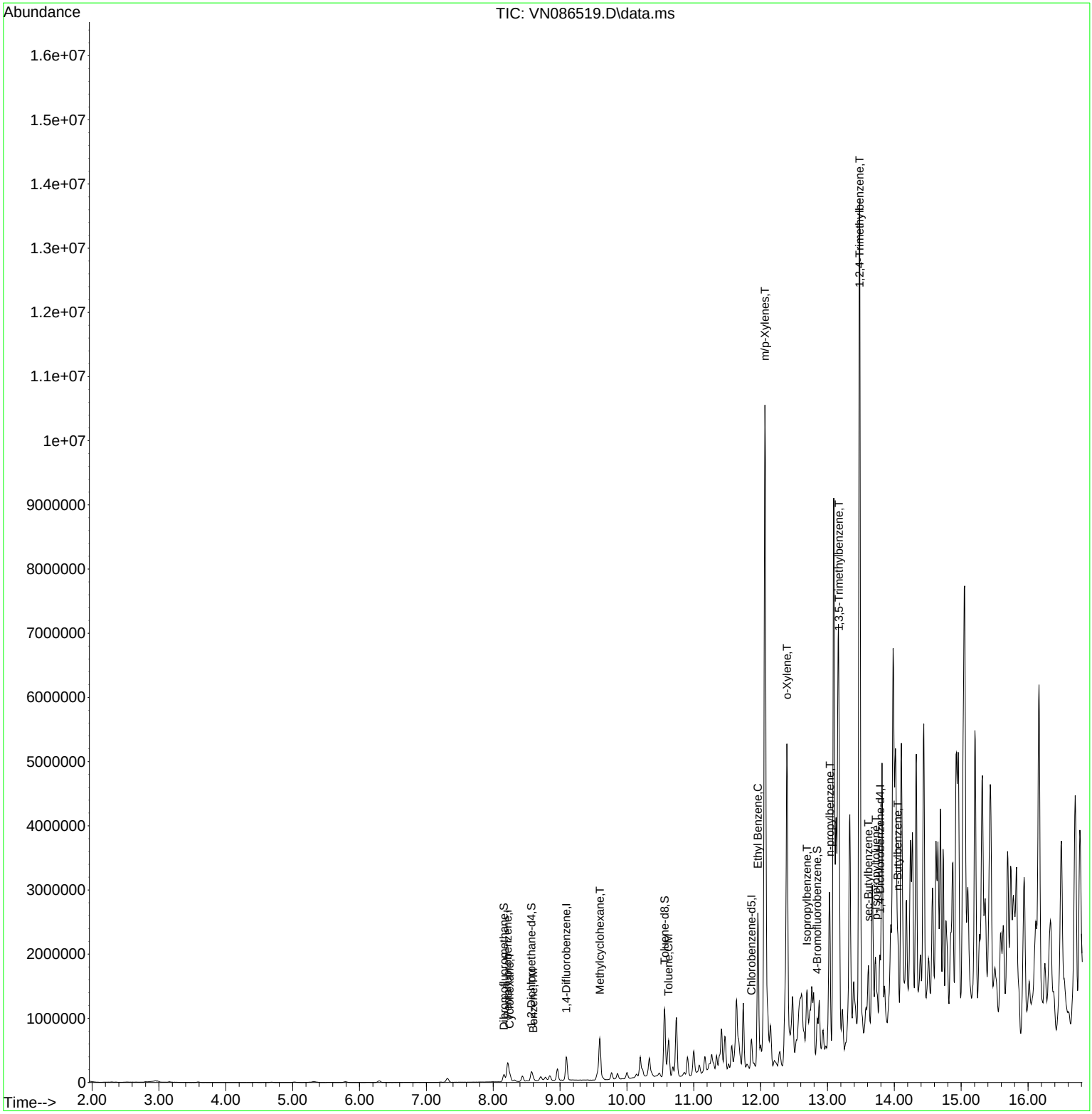
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	172187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	322534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	117457	47.042	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.080%			
35) Dibromofluoromethane	8.159	113	82992	55.442	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.880%			
50) Toluene-d8	10.565	98	439219	54.900	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.800%			
62) 4-Bromofluorobenzene	12.847	95	164685	56.437	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.880%			
Target Compounds						Qvalue
31) Cyclohexane	8.247	56	73527	18.171	ug/l	98
39) Methylcyclohexane	9.594	83	296564	83.451	ug/l	96
40) Benzene	8.600	78	42296	4.415	ug/l	99
52) Toluene	10.624	92	237878	39.797	ug/l	100
67) Ethyl Benzene	11.959	91	1692072	133.903	ug/l	99
68) m/p-Xylenes	12.065	106	2554571	539.524	ug/l	95
69) o-Xylene	12.394	106	1269875	271.196	ug/l	99
73) Isopropylbenzene	12.694	105	534249	43.924	ug/l	99
78) n-propylbenzene	13.035	91	1795650	125.285	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	2021306	203.043	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	7609323	750.921	ug/l	96
85) sec-Butylbenzene	13.612	105	623822	52.139	ug/l	84
86) p-Isopropyltoluene	13.723	119	360128	36.517	ug/l	97
89) n-Butylbenzene	14.053	91	782899	89.563	ug/l #	83

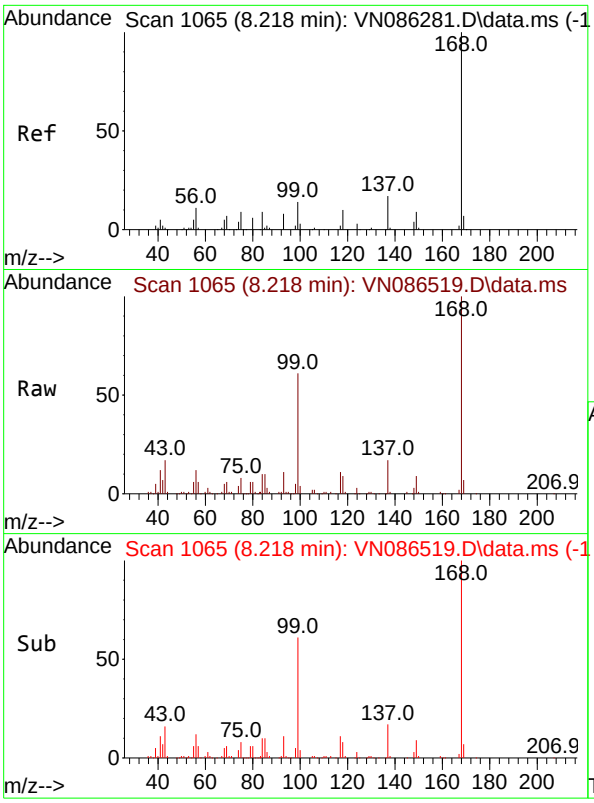
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086519.D
Acq On : 06 May 2025 16:59
Operator : JC\MD
Sample : Q1914-07ME
Misc : 7.59g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Quant Time: May 07 02:56:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



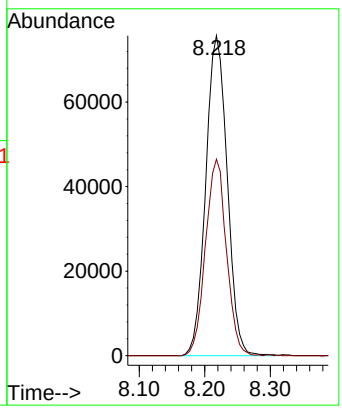


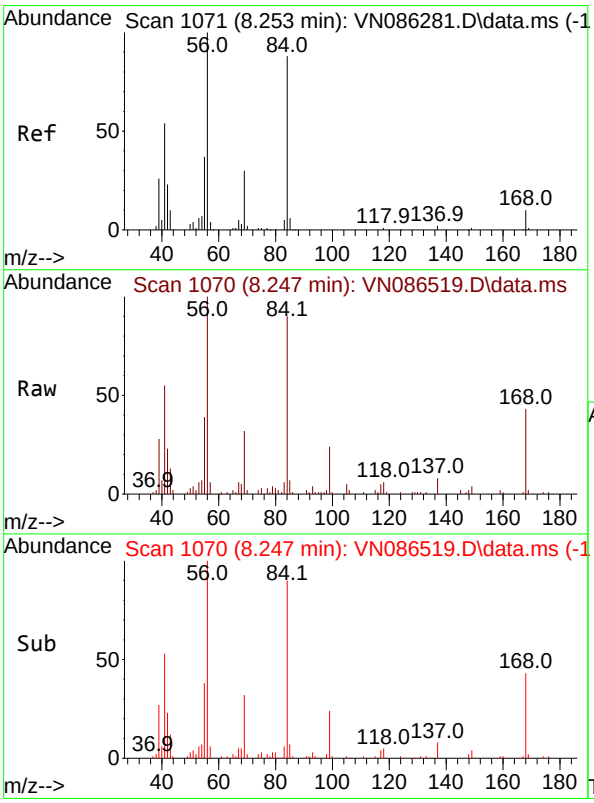
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion:168 Resp: 172187

Ion	Ratio	Lower	Upper
168	100		
99	61.4	52.5	78.7

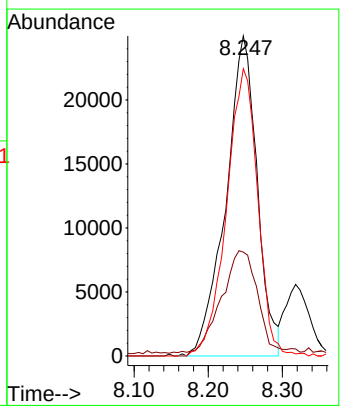


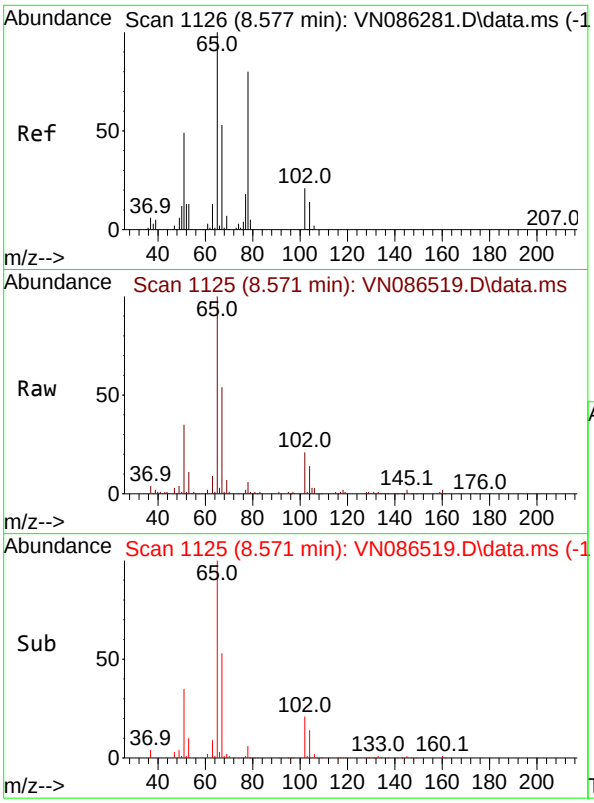


#31
Cyclohexane
Concen: 18.171 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion: 56 Resp: 73527

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.2
84	89.7	70.3	105.5



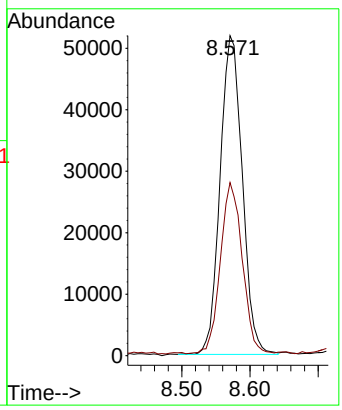


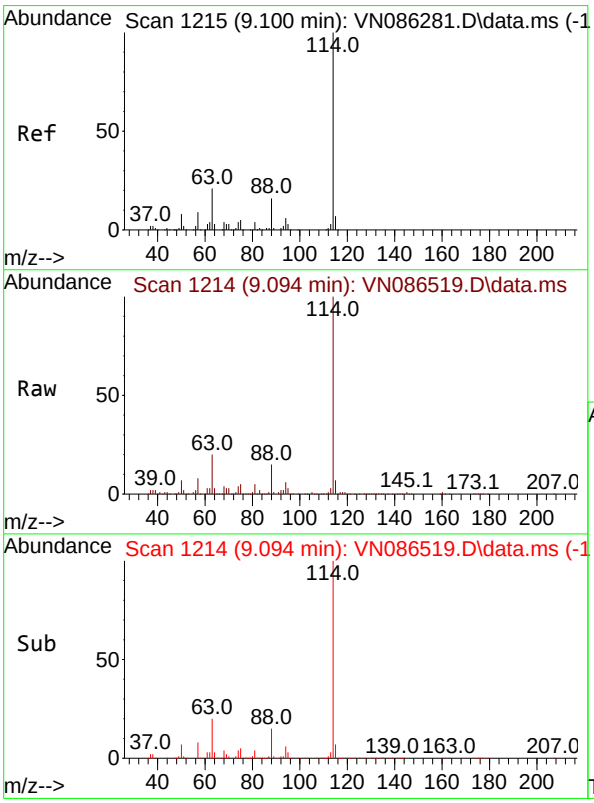
#33
1,2-Dichloroethane-d4
Concen: 47.042 ug/l
RT: 8.571 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion: 65 Resp: 117457

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.0

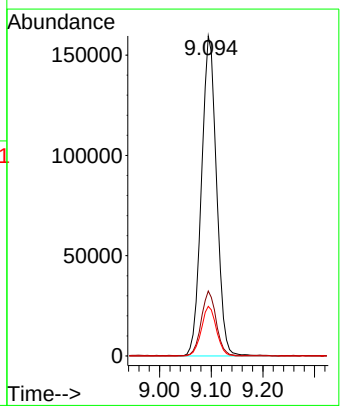


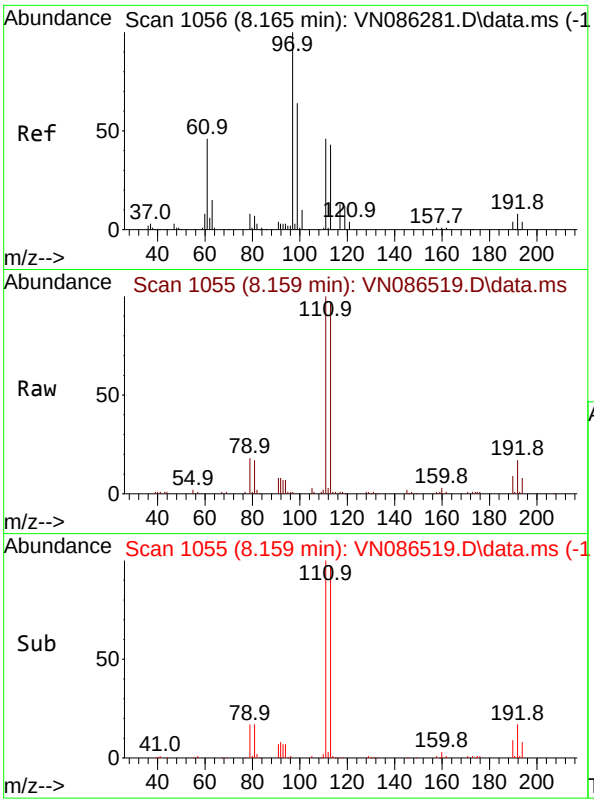


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion:114 Resp: 322534

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	15.5	0.0	31.8



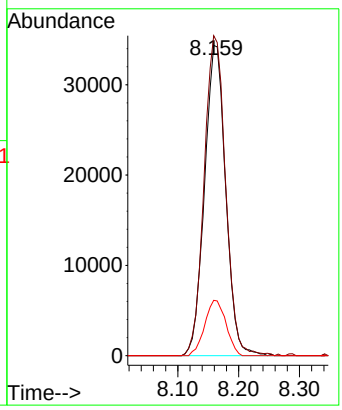


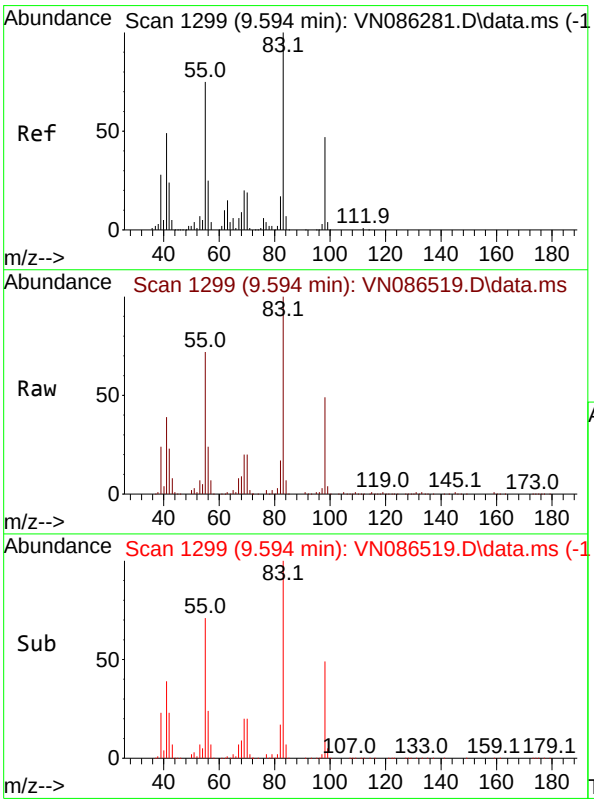
#35
Dibromofluoromethane
Concen: 55.442 ug/l
RT: 8.159 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion:113 Resp: 82992

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.0
192	17.9	13.7	20.5

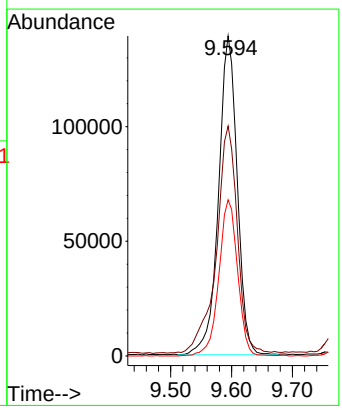


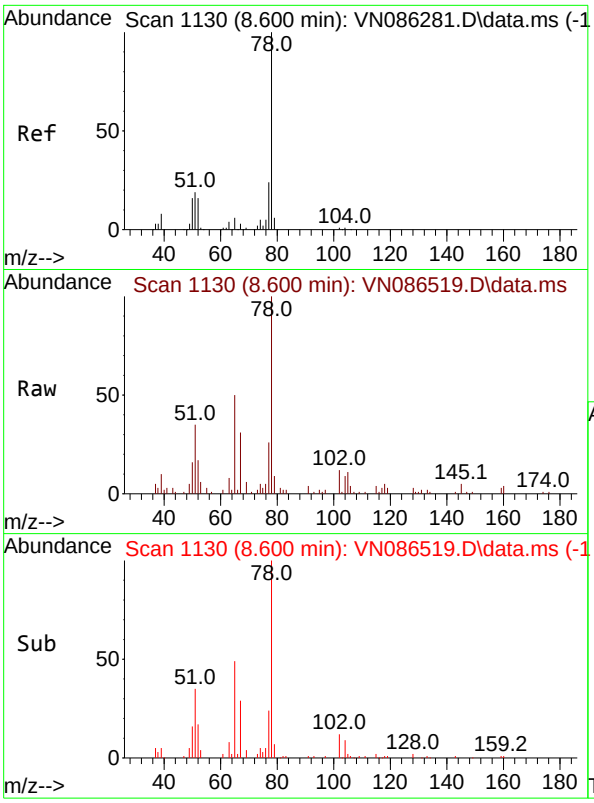


#39
Methylcyclohexane
Concen: 83.451 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion: 83 Resp: 296564

Ion	Ratio	Lower	Upper
83	100		
55	71.0	59.8	89.8
98	49.0	37.9	56.9



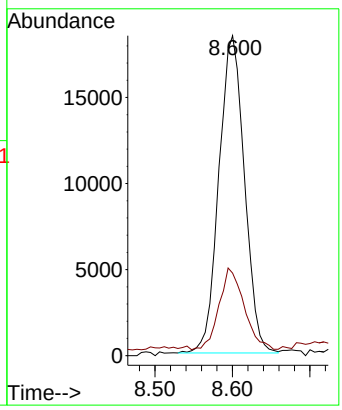


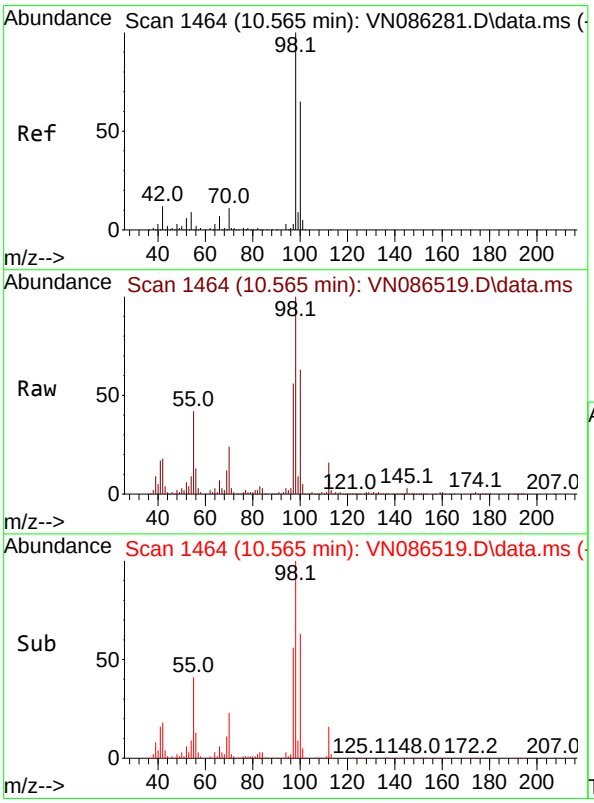
#40
Benzene
Concen: 4.415 ug/l
RT: 8.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion: 78 Resp: 42296

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2

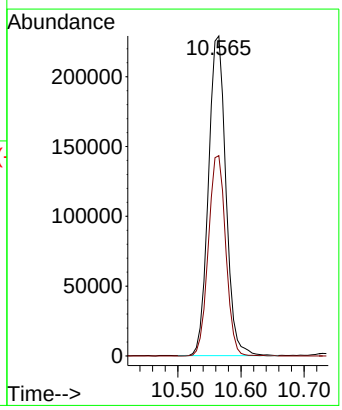


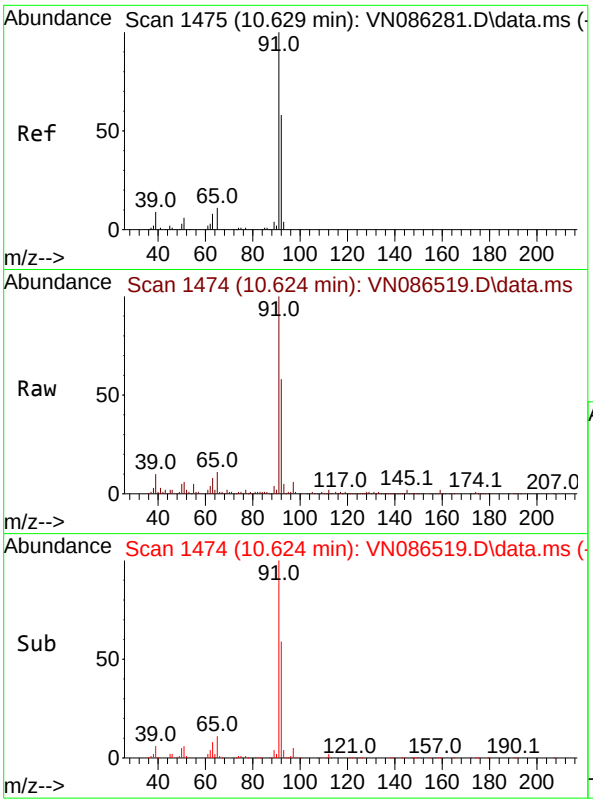


#50
Toluene-d8
Concen: 54.900 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion: 98 Resp: 439219

Ion	Ratio	Lower	Upper
98	100		
100	62.3	52.5	78.7



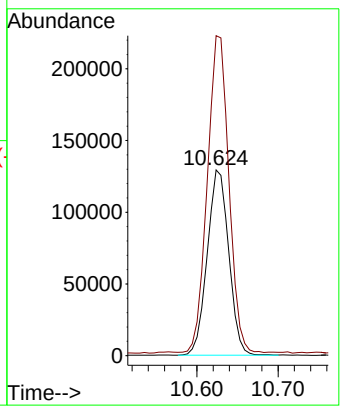


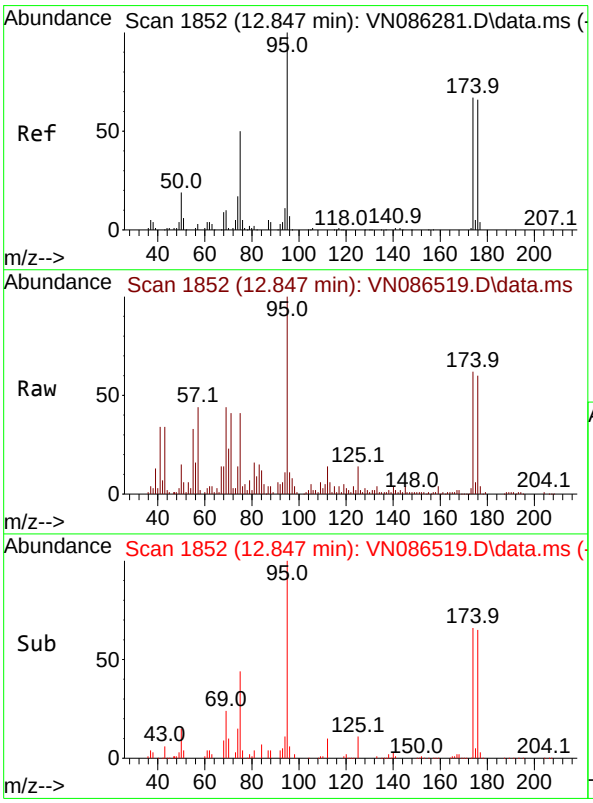
#52
Toluene
Concen: 39.797 ug/l
RT: 10.624 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion: 92 Resp: 237878

Ion	Ratio	Lower	Upper
92	100		
91	172.2	137.3	205.9

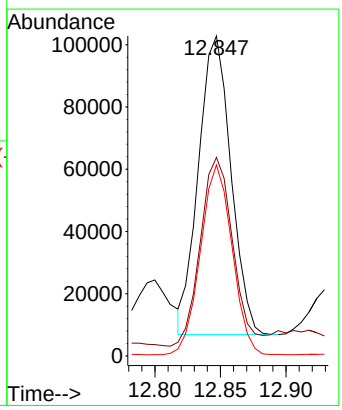


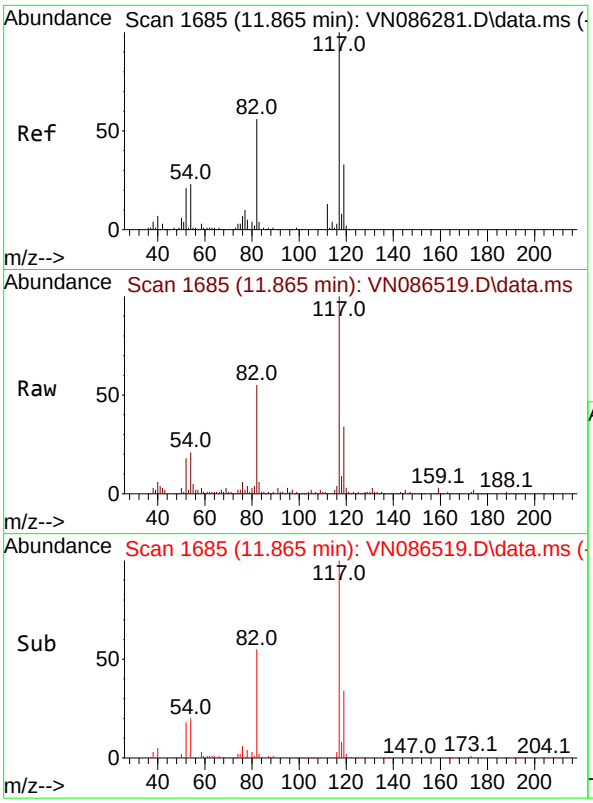


#62
4-Bromofluorobenzene
Concen: 56.437 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion: 95 Resp: 164685

Ion	Ratio	Lower	Upper
95	100		
174	63.5	0.0	133.4
176	62.2	0.0	129.2



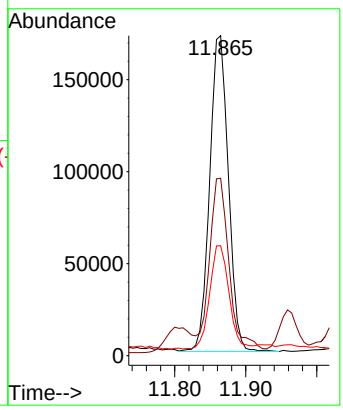


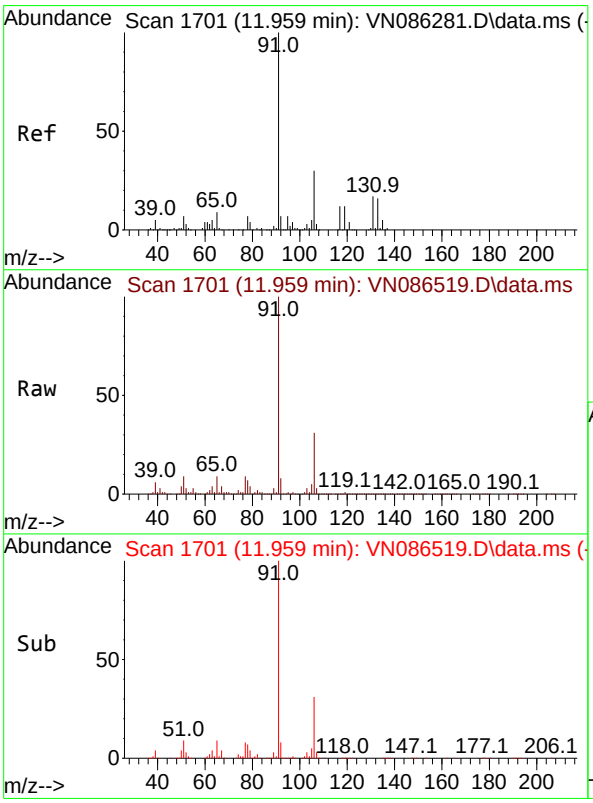
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion:117 Resp: 313788

Ion	Ratio	Lower	Upper
117	100		
82	47.6	44.7	67.1
119	32.4	26.4	39.6

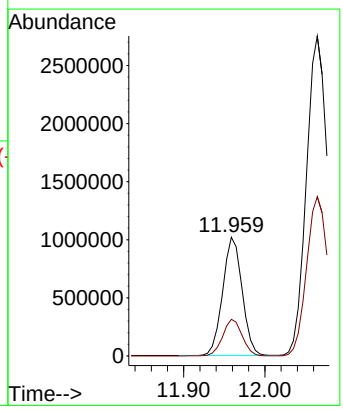


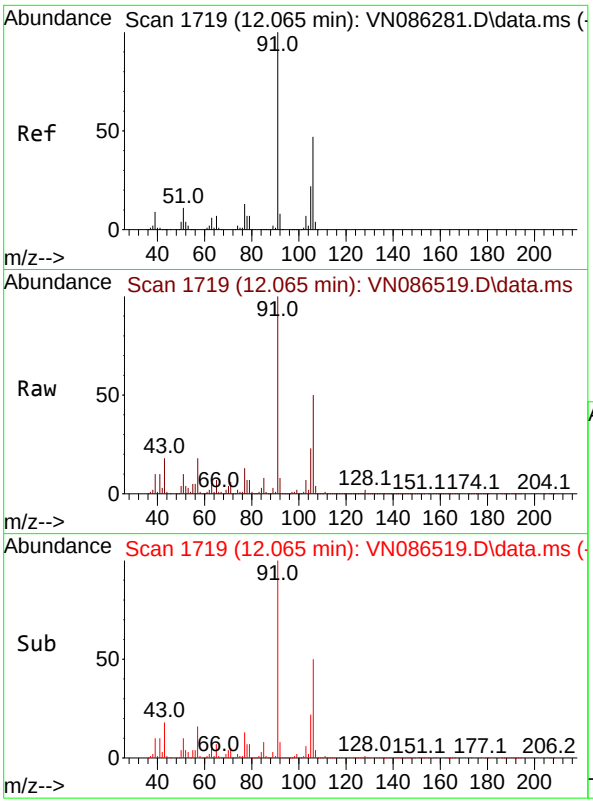


#67
Ethyl Benzene
Concen: 133.903 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion: 91 Resp: 1692072

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5



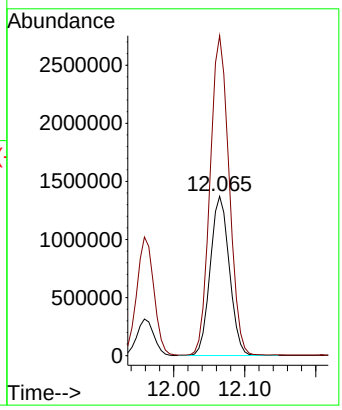


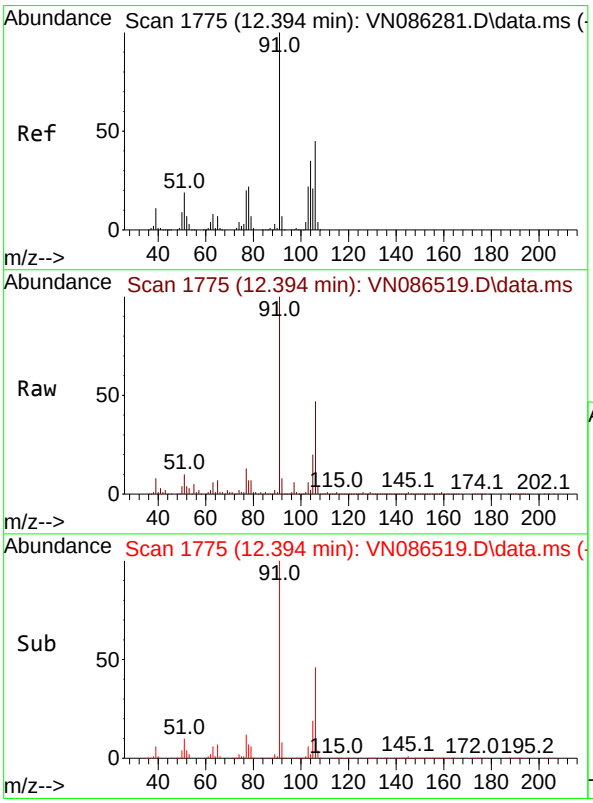
#68
m/p-Xylenes
Concen: 539.524 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion:106 Resp: 2554571

Ion	Ratio	Lower	Upper
106	100		
91	200.0	166.5	249.7

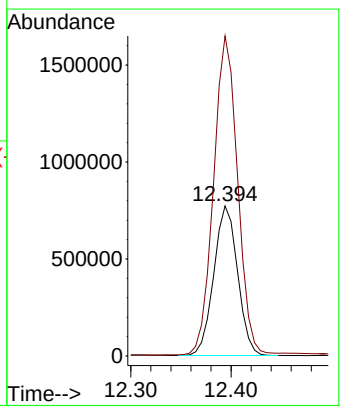


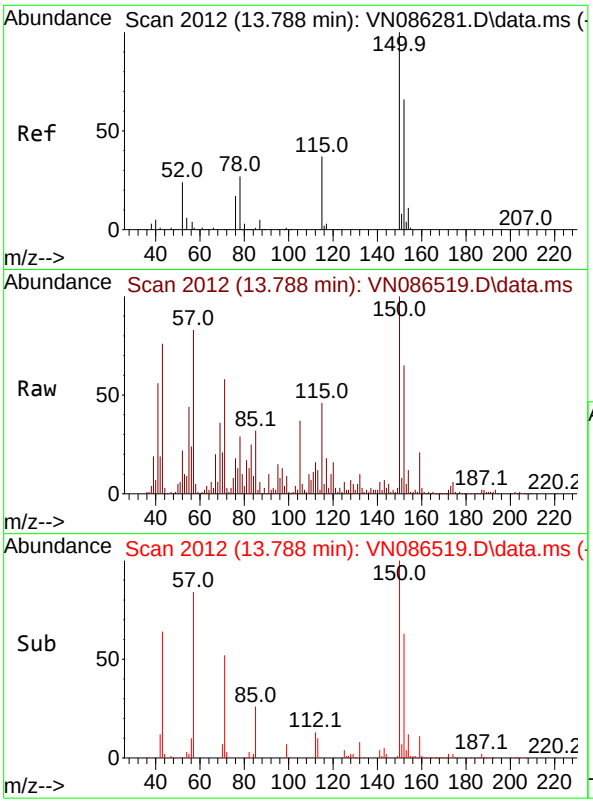


#69
o-Xylene
Concen: 271.196 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion:106 Resp: 1269875

Ion	Ratio	Lower	Upper
106	100		
91	218.0	109.7	329.0



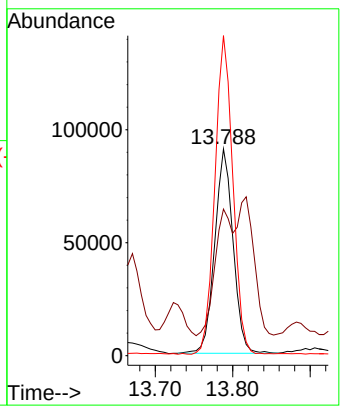


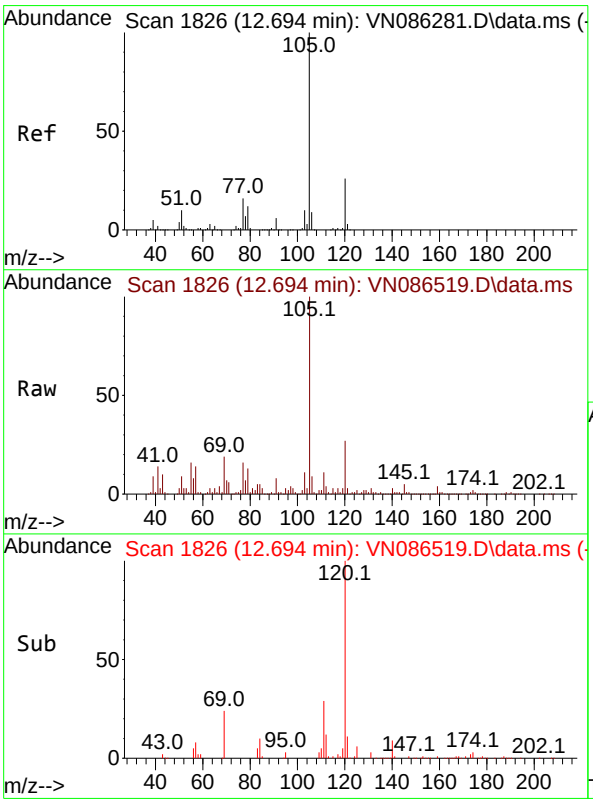
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion:152 Resp: 148688

Ion	Ratio	Lower	Upper
152	100		
115	59.1	31.9	95.9
150	152.2	0.0	352.0

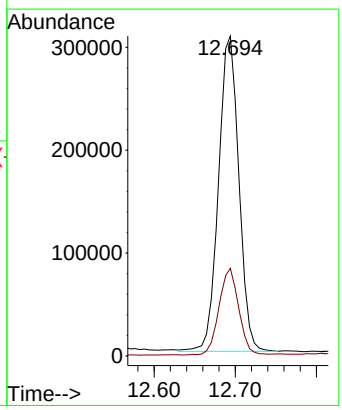


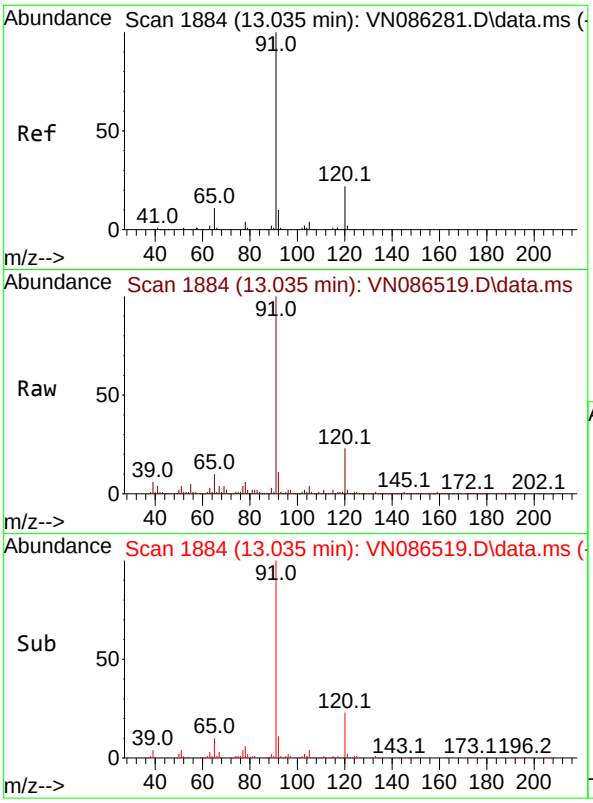


#73
Isopropylbenzene
Concen: 43.924 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion:105 Resp: 534249

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.1	39.3



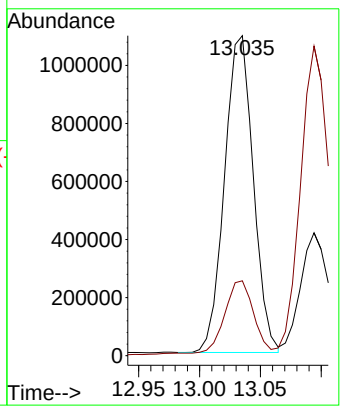


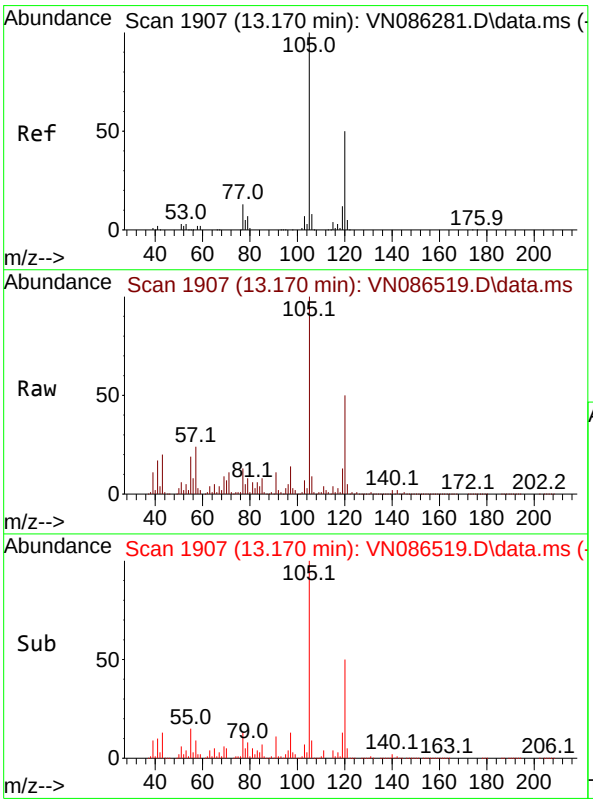
#78
n-propylbenzene
Concen: 125.285 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion: 91 Resp: 1795650

Ion	Ratio	Lower	Upper
91	100		
120	25.1	11.1	33.3

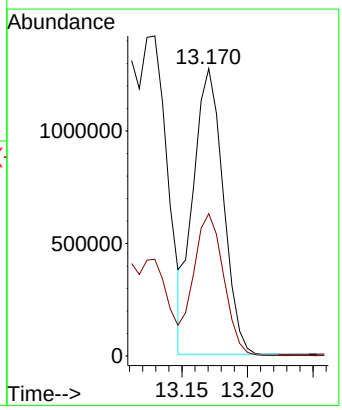


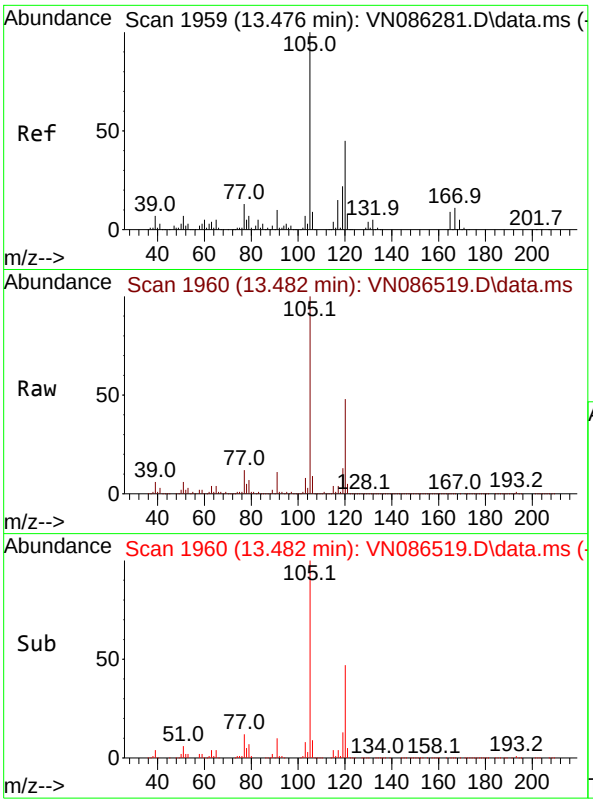


#80
1,3,5-Trimethylbenzene
Concen: 203.043 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion:105 Resp: 2021306

Ion	Ratio	Lower	Upper
105	100		
120	50.1	24.5	73.5



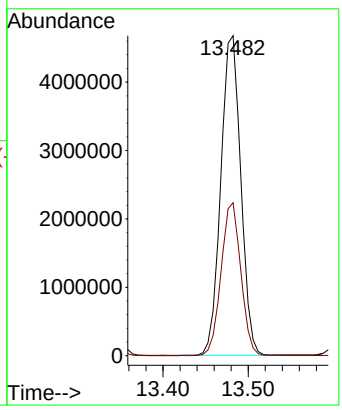


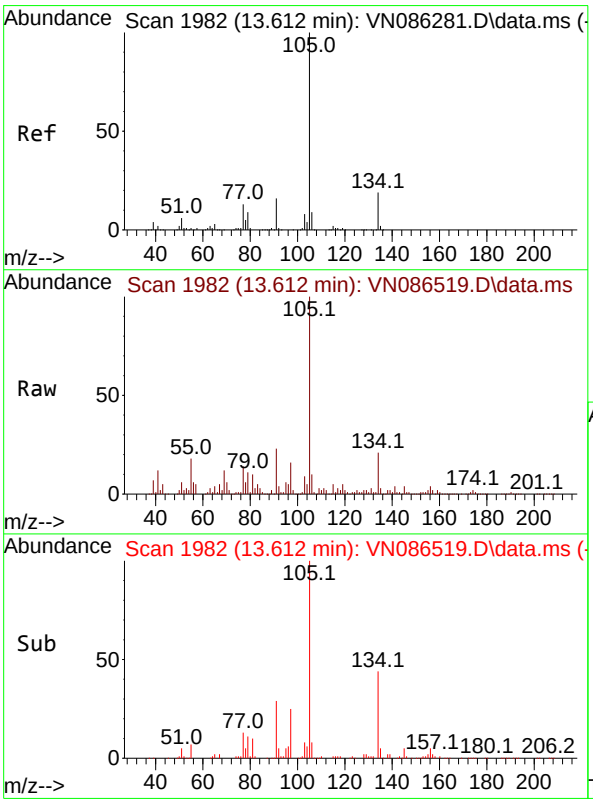
#84
1,2,4-Trimethylbenzene
Concen: 750.921 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion:105 Resp: 7609323

Ion	Ratio	Lower	Upper
105	100		
120	47.2	22.4	67.3

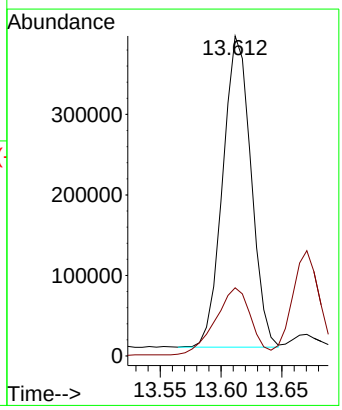


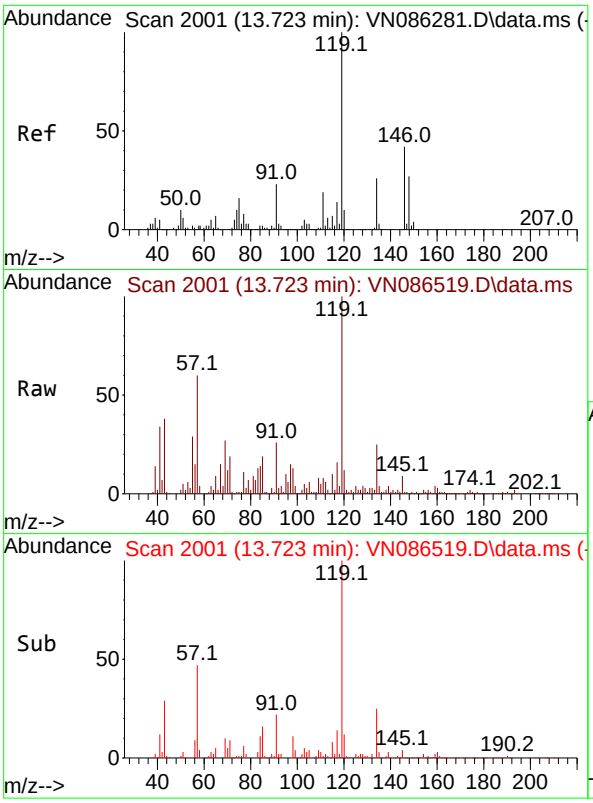


#85
sec-Butylbenzene
Concen: 52.139 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion:105 Resp: 623822

Ion	Ratio	Lower	Upper
105	100		
134	26.8	9.7	29.1



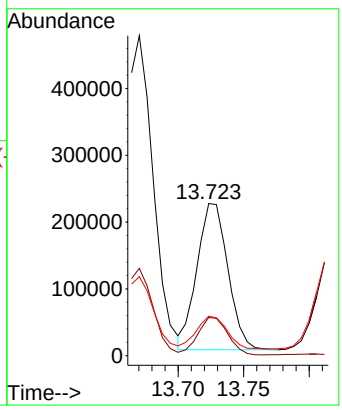


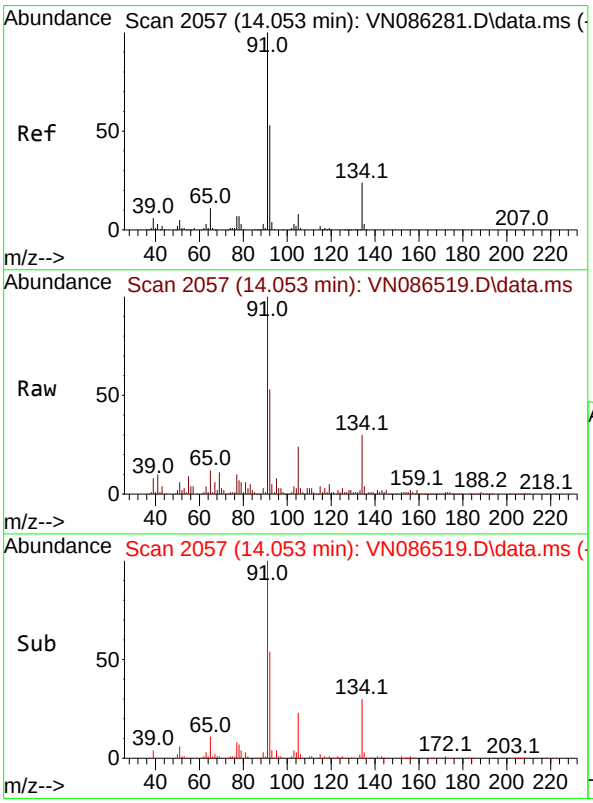
#86
p-Isopropyltoluene
Concen: 36.517 ug/l
RT: 13.723 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Instrument :
MSVOA_N
ClientSampleId :
SS-6ME

Tgt Ion:119 Resp: 360128

Ion	Ratio	Lower	Upper
119	100		
134	24.6	13.1	39.1
91	22.0	11.9	35.9

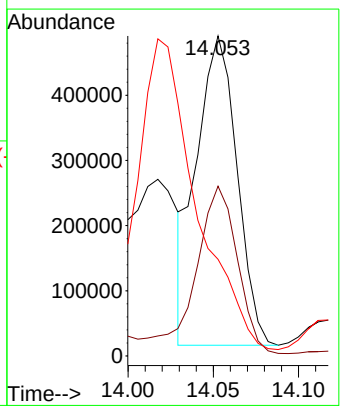




#89
n-Butylbenzene
Concen: 89.563 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086519.D
Acq: 06 May 2025 16:59

Tgt Ion: 91 Resp: 782899

Ion	Ratio	Lower	Upper
91	100		
92	55.5	26.8	80.4
134	0.0	12.2	36.6#



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-6MEDL	SDG No.:	Q1914
Lab Sample ID:	Q1914-07MEDL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	83.8
Sample Wt/Vol:	7.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086494.D	20		05/05/25 18:25	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3900	UD	620	3900	ug/Kg
108-88-3	Toluene	1500	JD	610	3900	ug/Kg
100-41-4	Ethyl Benzene	4700	D	530	3900	ug/Kg
1330-20-7	Total Xylenes	27900	D	1610	11800	ug/Kg
98-82-8	Isopropylbenzene	1700	JD	610	3900	ug/Kg
103-65-1	n-propylbenzene	4500	D	570	3900	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	7600	D	640	3900	ug/Kg
98-06-6	tert-Butylbenzene	3900	UD	530	3900	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	28100	D	500	3900	ug/Kg
135-98-8	sec-Butylbenzene	1900	JD	520	3900	ug/Kg
99-87-6	p-Isopropyltoluene	1300	JD	490	3900	ug/Kg
104-51-8	n-Butylbenzene	2900	JD	1100	3900	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.6		63 - 155	93%	SPK: 50
1868-53-7	Dibromofluoromethane	59.7		70 - 134	119%	SPK: 50
2037-26-5	Toluene-d8	52.5		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.2		38 - 136	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	167000	8.224			
540-36-3	1,4-Difluorobenzene	307000	9.1			
3114-55-4	Chlorobenzene-d5	303000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.788			

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_N\Data\VN050525\
Data File : VN086494.D
Acq On : 05 May 2025 18:25
Operator : JC\MD
Sample : Q1914-07MEDL 20X
Misc : 7.59g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Quant Time: May 06 01:47:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

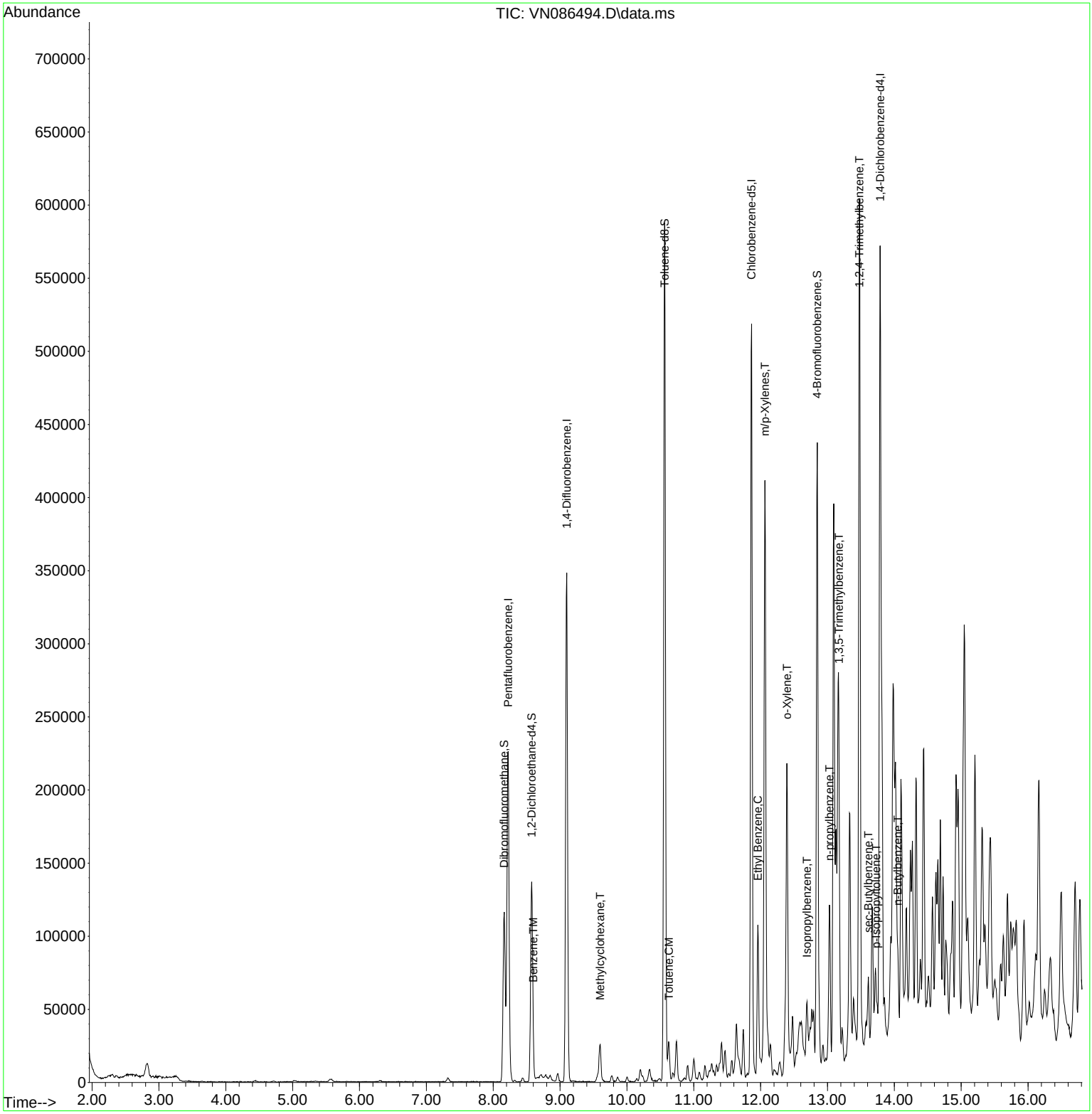
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	166833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112616	46.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.100%			
35) Dibromofluoromethane	8.165	113	85099	59.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.320%			
50) Toluene-d8	10.565	98	400459	52.531	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.847	95	150750	54.216	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.440%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	11288	3.333	ug/l	91
40) Benzene	8.600	78	2092	0.229	ug/l	91
52) Toluene	10.629	92	10664	1.872	ug/l	97
67) Ethyl Benzene	11.959	91	72720	5.964	ug/l	96
68) m/p-Xylenes	12.065	106	106045	23.211	ug/l	96
69) o-Xylene	12.394	106	55675	12.322	ug/l	96
73) Isopropylbenzene	12.694	105	24601	2.133	ug/l	100
78) n-propylbenzene	13.029	91	78099	5.747	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	91353	9.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	343237	35.727	ug/l	98
85) sec-Butylbenzene	13.612	105	28130	2.480	ug/l	85
86) p-Isopropyltoluene	13.729	119	15912	1.702	ug/l	97
89) n-Butylbenzene	14.053	91	30599	3.692	ug/l #	82

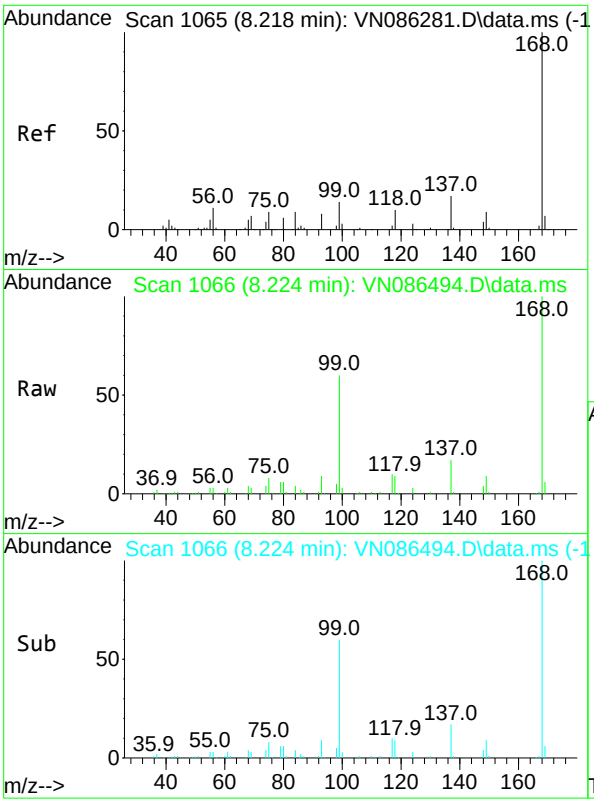
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086494.D
Acq On : 05 May 2025 18:25
Operator : JC\MD
Sample : Q1914-07MEDL 20X
Misc : 7.59g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Quant Time: May 06 01:47:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



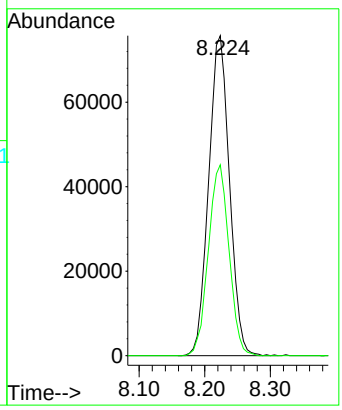


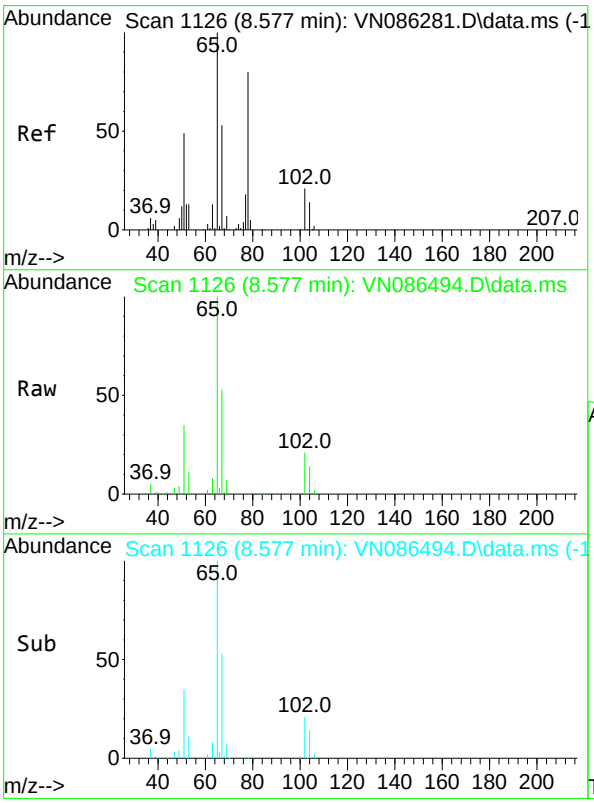
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion:168 Resp: 166833

Ion	Ratio	Lower	Upper
168	100		
99	59.6	52.5	78.7

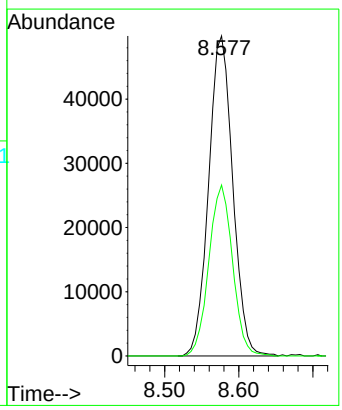


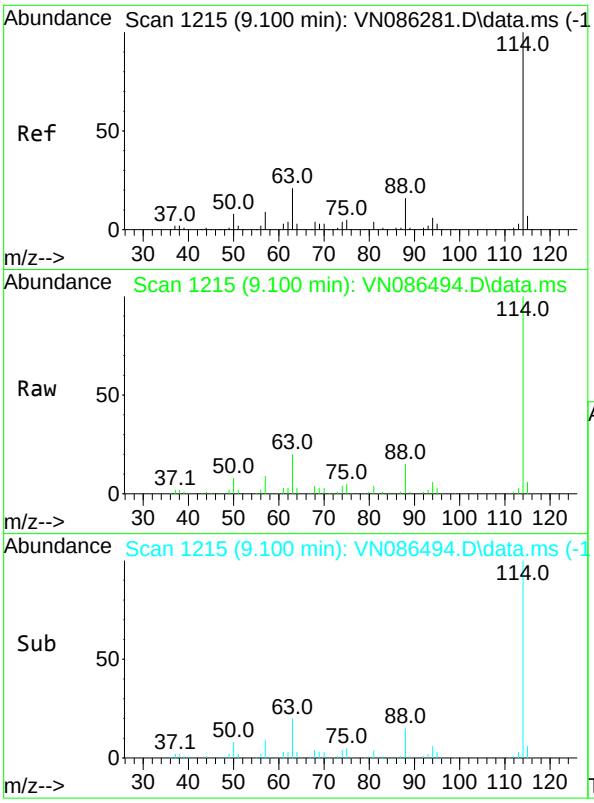


#33
1,2-Dichloroethane-d4
Concen: 46.550 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion: 65 Resp: 112616

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.0



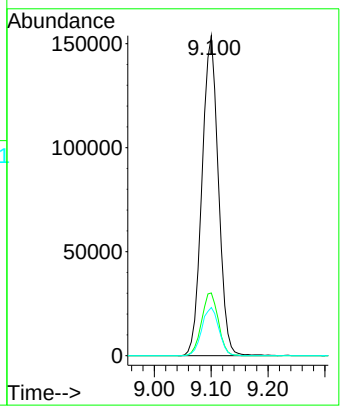


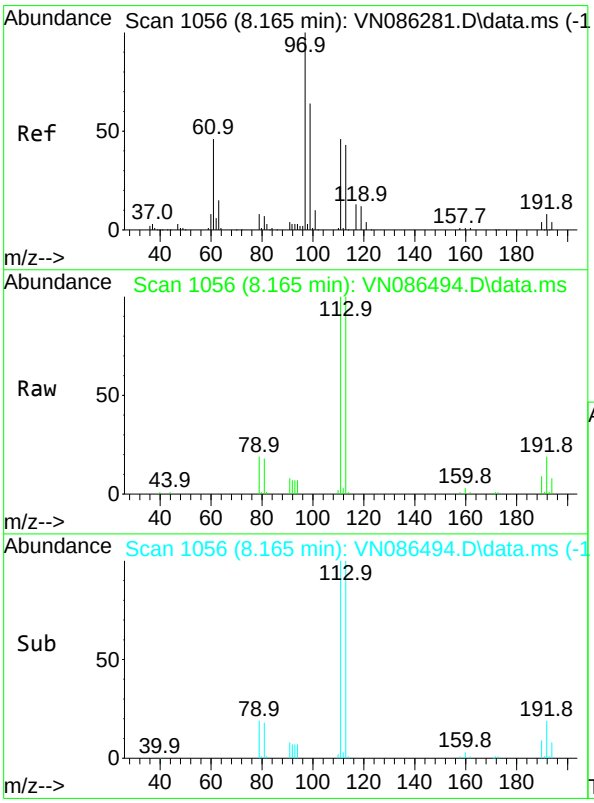
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion:114 Resp: 307337

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.6
88	15.1	0.0	31.8

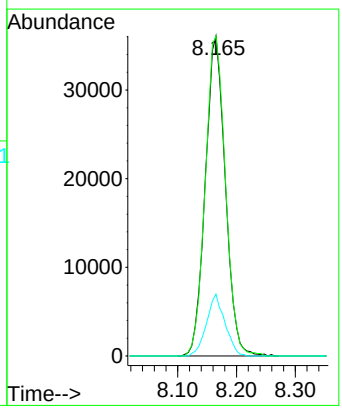


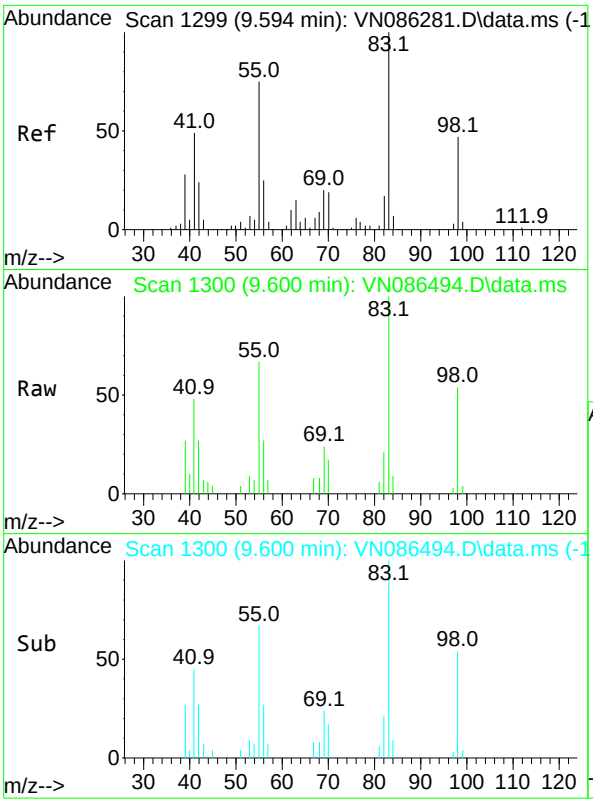


#35
Dibromofluoromethane
Concen: 59.660 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion:113 Resp: 85099

Ion	Ratio	Lower	Upper
113	100		
111	101.1	83.4	125.0
192	17.8	13.7	20.5



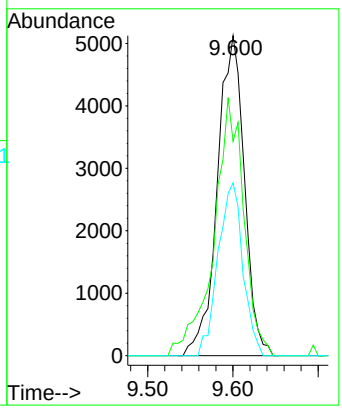


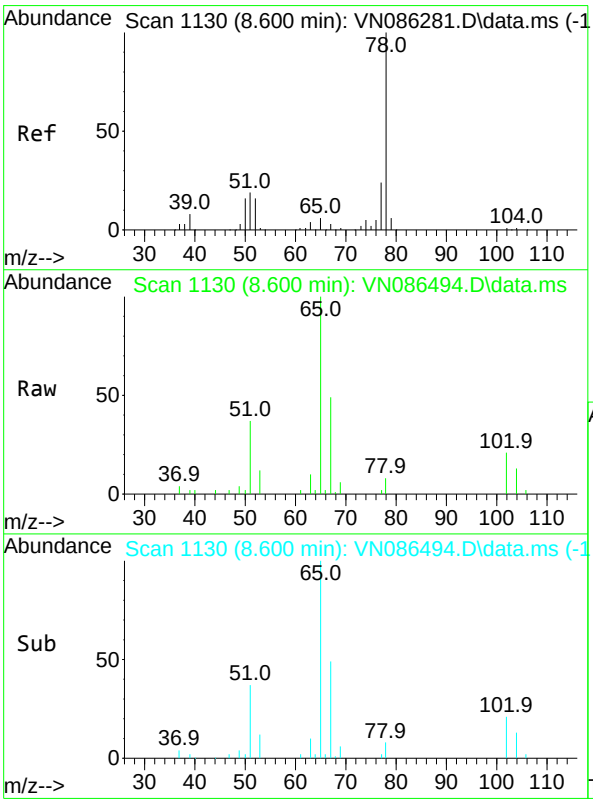
#39
Methylcyclohexane
Concen: 3.333 ug/l
RT: 9.600 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion: 83 Resp: 11288

Ion	Ratio	Lower	Upper
83	100		
55	67.0	59.8	89.8
98	54.0	37.9	56.9

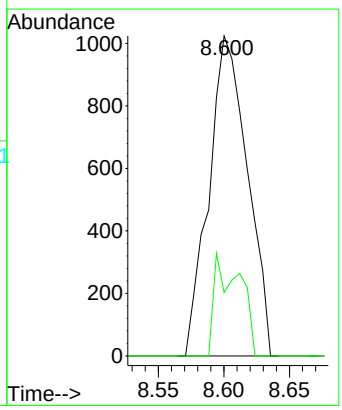


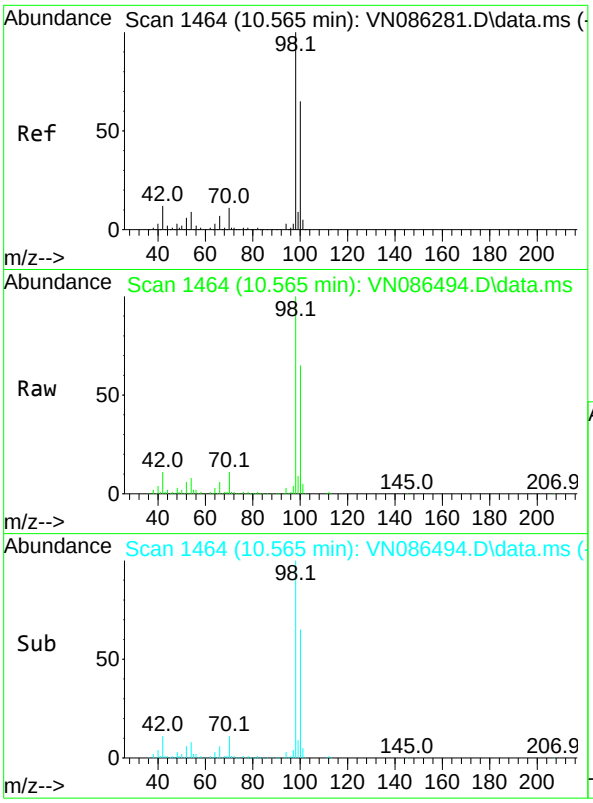


#40
Benzene
Concen: 0.229 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion: 78 Resp: 2092

Ion	Ratio	Lower	Upper
78	100		
77	19.8	19.4	29.2



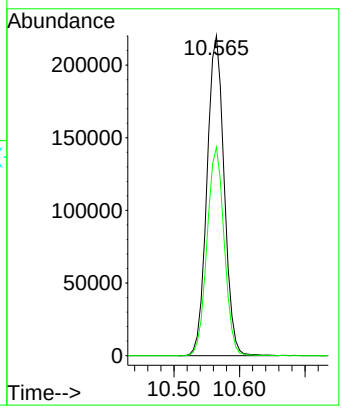


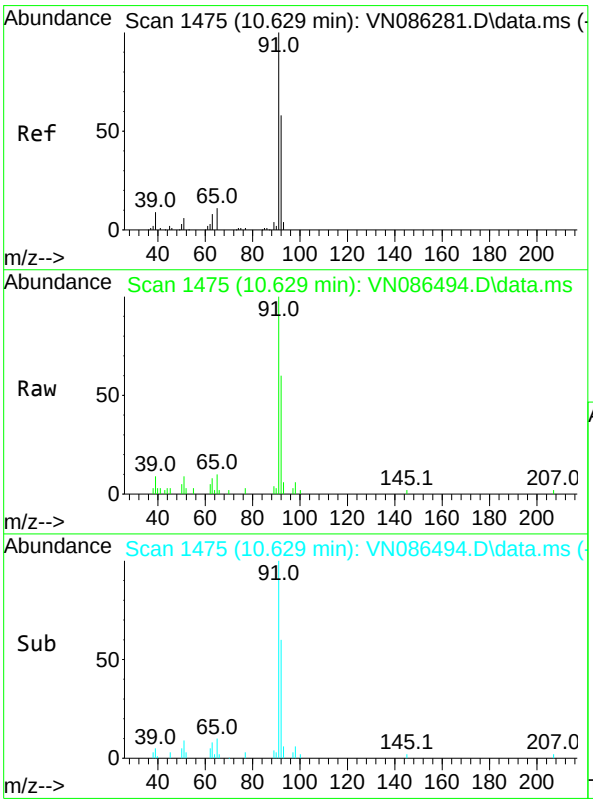
#50
Toluene-d8
Concen: 52.531 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion: 98 Resp: 400459

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7

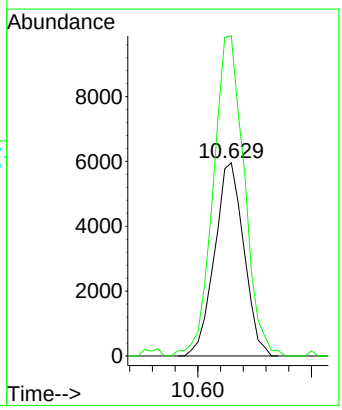


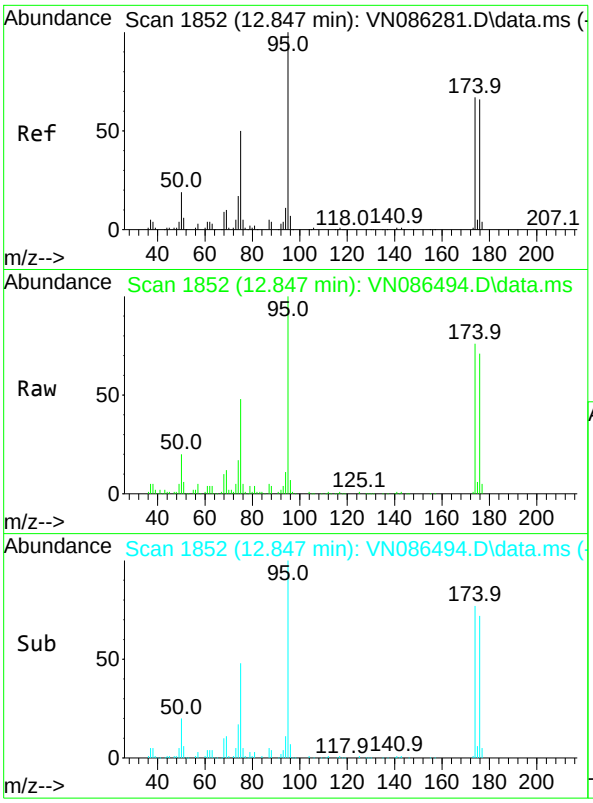


#52
Toluene
Concen: 1.872 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion: 92 Resp: 10664

Ion	Ratio	Lower	Upper
92	100		
91	175.3	137.3	205.9



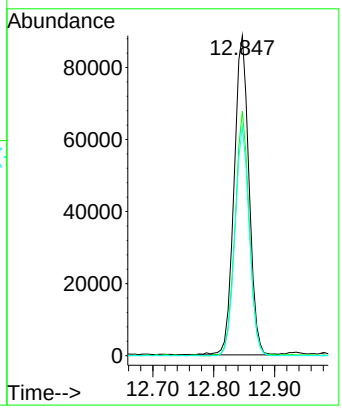


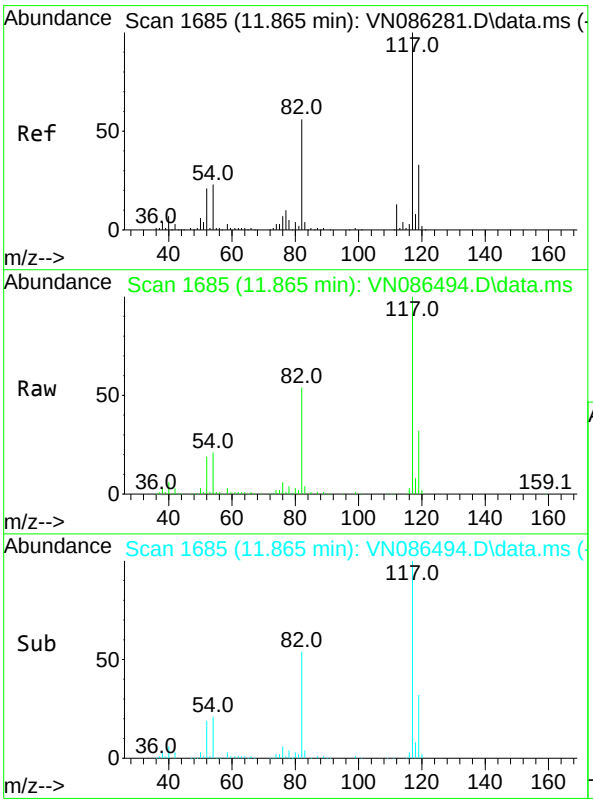
#62
4-Bromofluorobenzene
Concen: 54.216 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion: 95 Resp: 150750

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	133.4
176	69.2	0.0	129.2

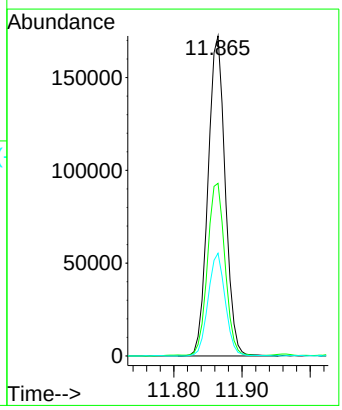


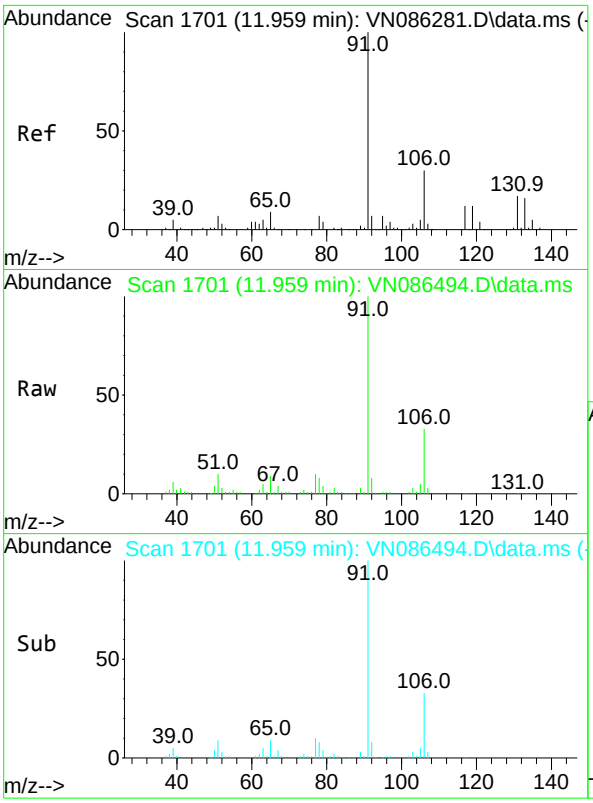


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion:117 Resp: 302781

Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.7	67.1
119	32.1	26.4	39.6



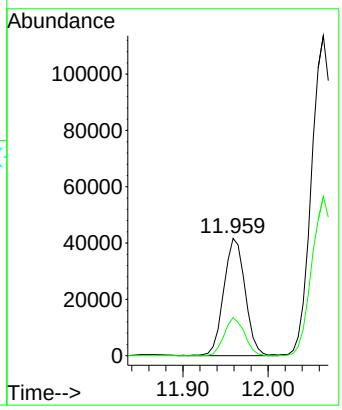


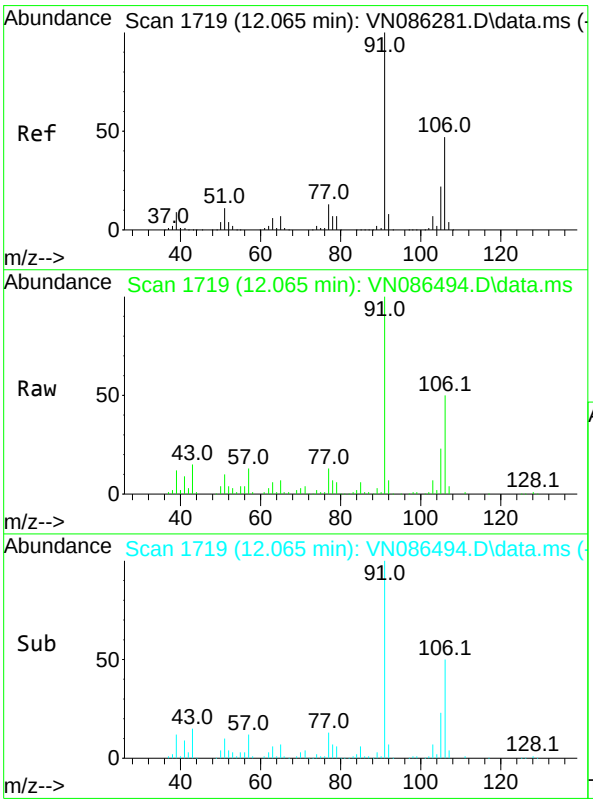
#67
Ethyl Benzene
Concen: 5.964 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion: 91 Resp: 72720

Ion	Ratio	Lower	Upper
91	100		
106	32.5	24.3	36.5

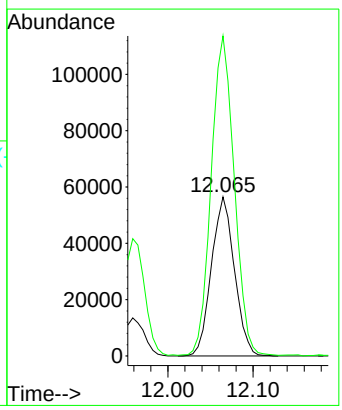


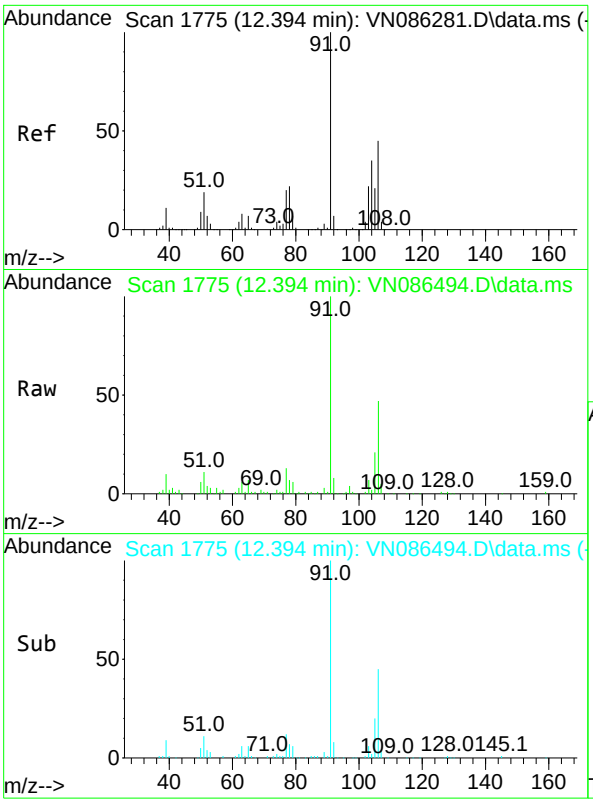


#68
m/p-Xylenes
Concen: 23.211 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion:106 Resp: 106045

Ion	Ratio	Lower	Upper
106	100		
91	201.3	166.5	249.7



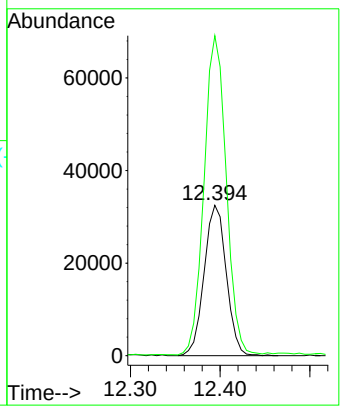


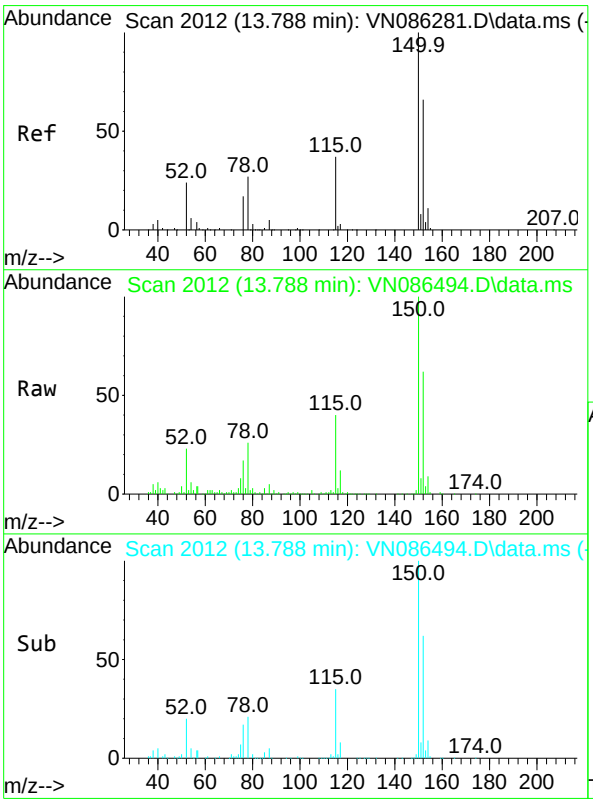
#69
o-Xylene
Concen: 12.322 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion:106 Resp: 55675

Ion	Ratio	Lower	Upper
106	100		
91	212.3	109.7	329.0

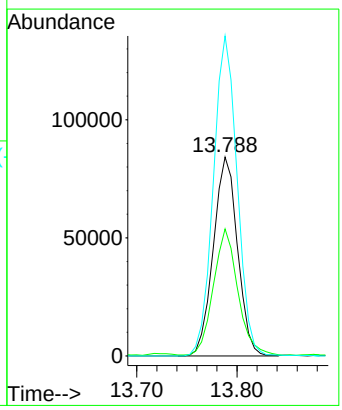


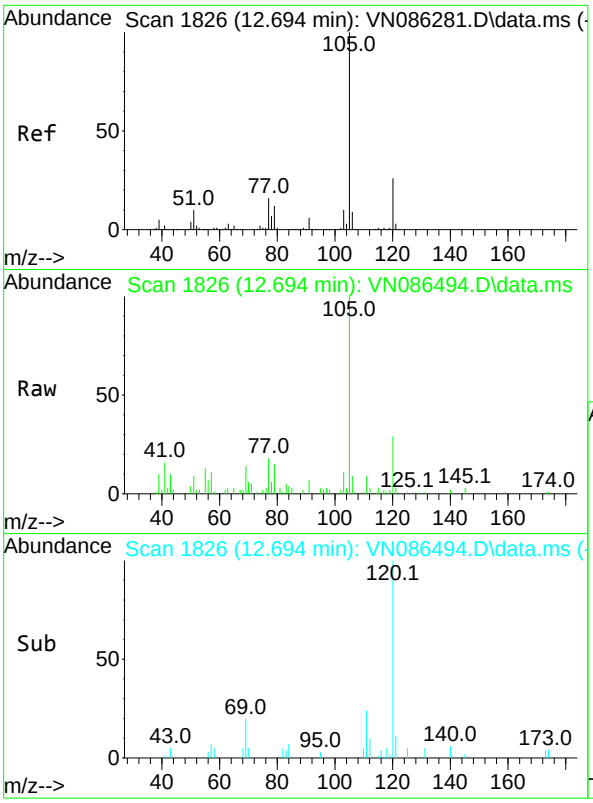


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion:152 Resp: 140970

Ion	Ratio	Lower	Upper
152	100		
115	64.3	31.9	95.9
150	158.6	0.0	352.0



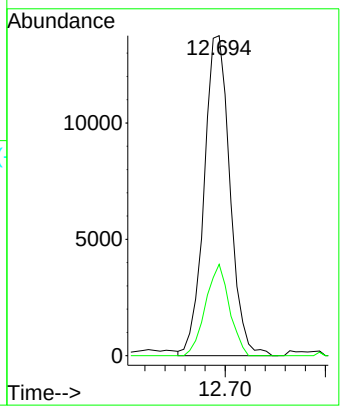


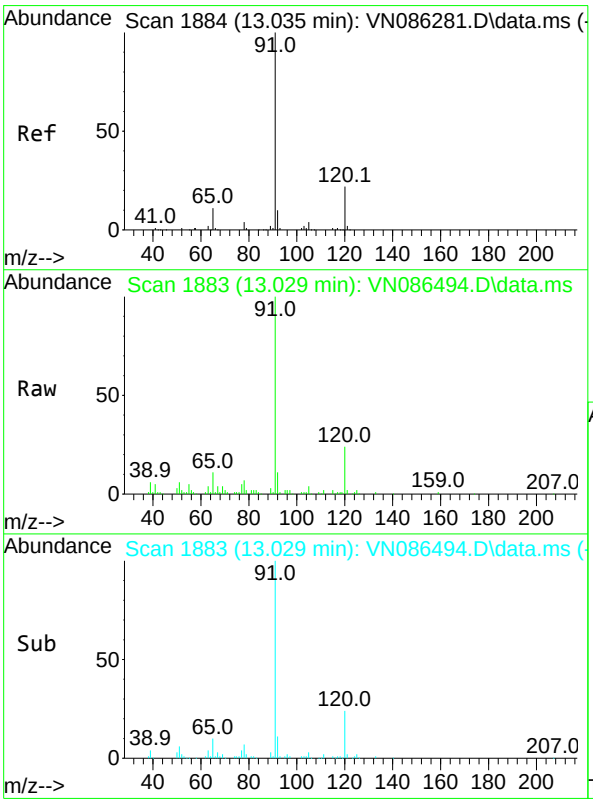
#73
Isopropylbenzene
Concen: 2.133 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion:105 Resp: 24601

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3

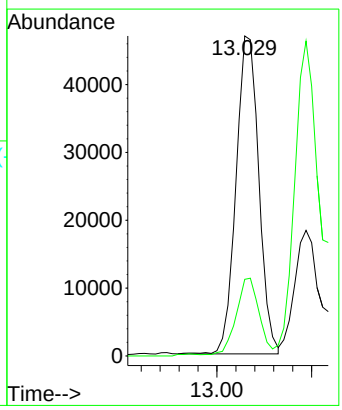


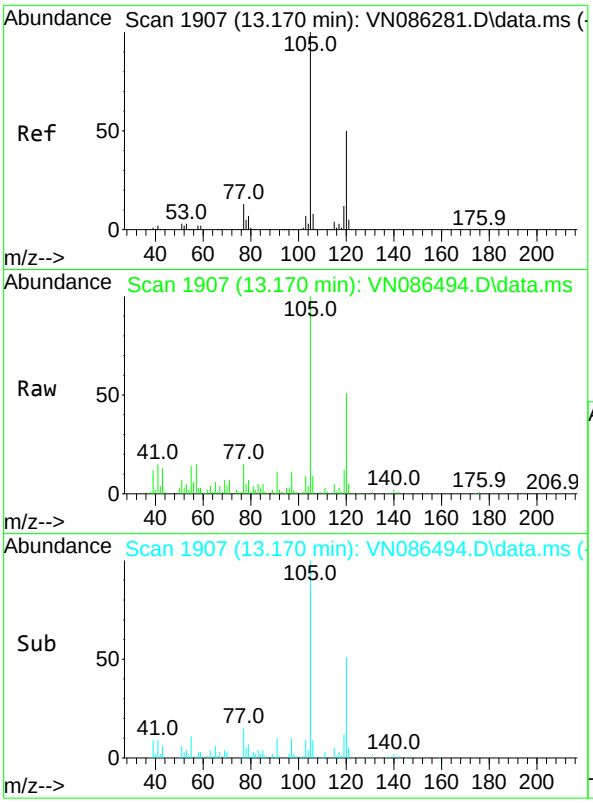


#78
n-propylbenzene
Concen: 5.747 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion: 91 Resp: 78099

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.1	33.3



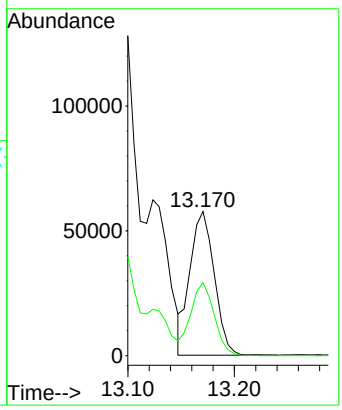


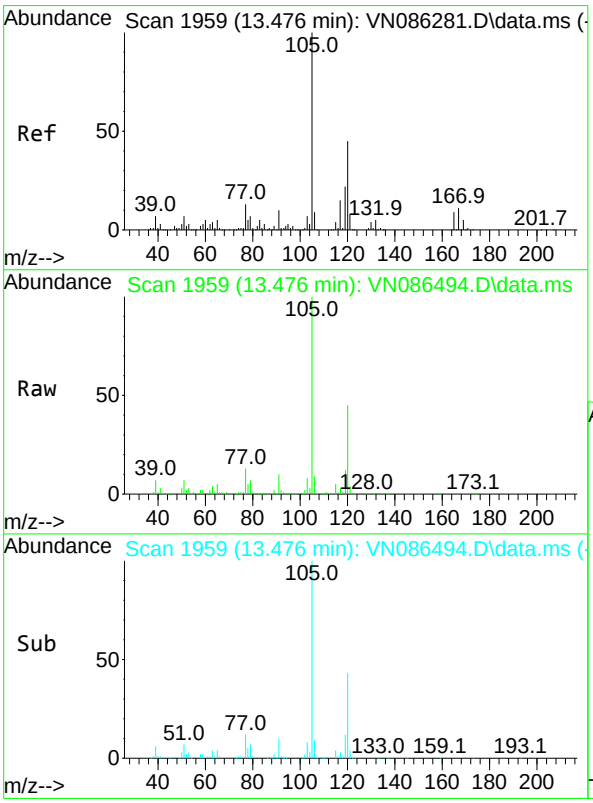
#80
1,3,5-Trimethylbenzene
Concen: 9.679 ug/l
RT: 13.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion:105 Resp: 91353

Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.5	73.5

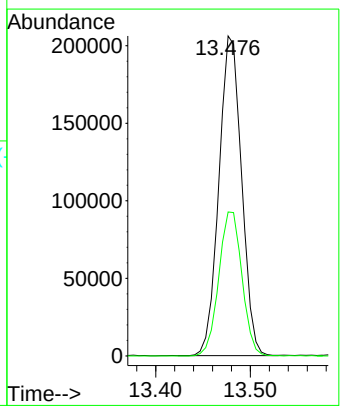


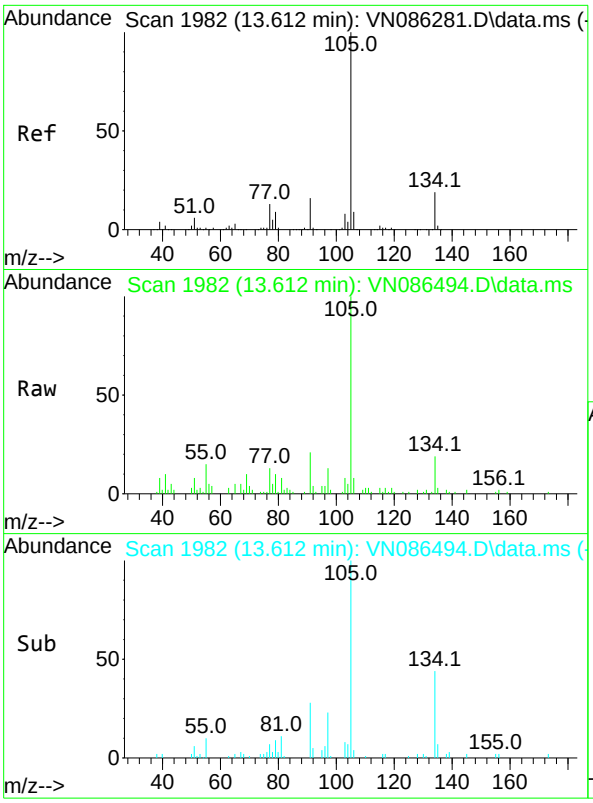


#84
1,2,4-Trimethylbenzene
Concen: 35.727 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion:105 Resp: 343237

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.4	67.3



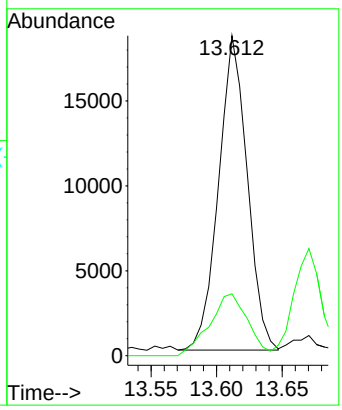


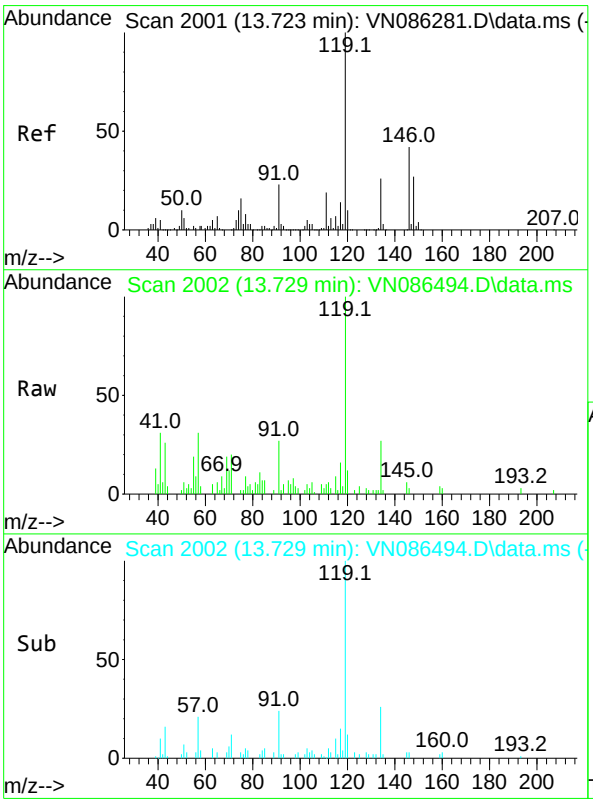
#85
sec-Butylbenzene
Concen: 2.480 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion:105 Resp: 28130

Ion	Ratio	Lower	Upper
105	100		
134	26.1	9.7	29.1

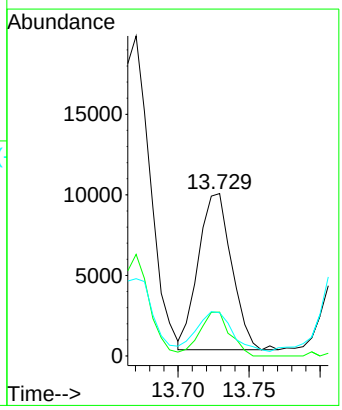


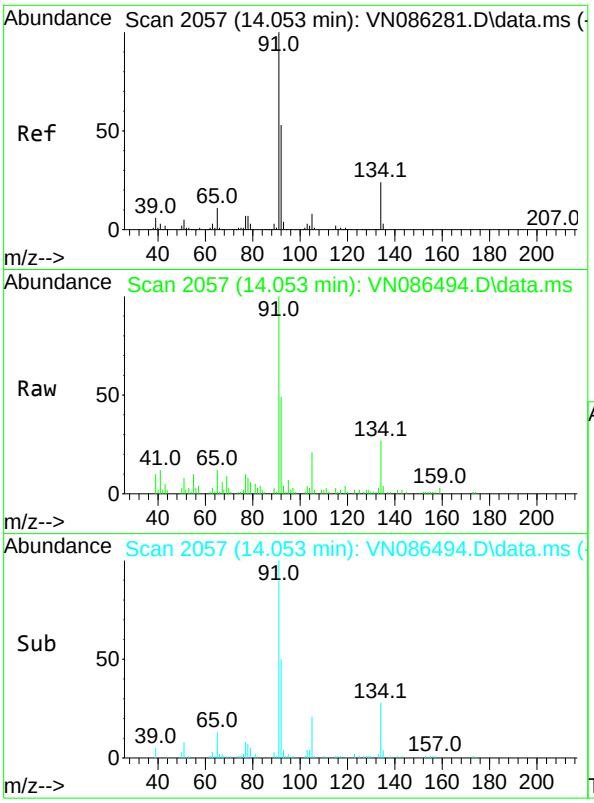


#86
p-Isopropyltoluene
Concen: 1.702 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion:119 Resp: 15912

Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.1	39.1
91	26.6	11.9	35.9



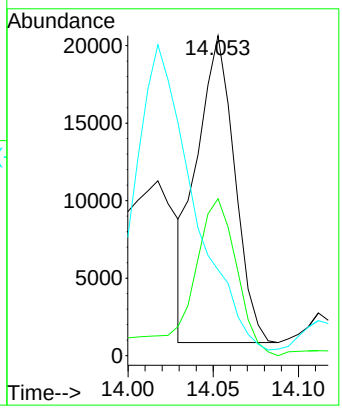


#89
n-Butylbenzene
Concen: 3.692 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

Tgt Ion: 91 Resp: 30599

Ion	Ratio	Lower	Upper
91	100		
92	56.5	26.8	80.4
134	0.0	12.2	36.6#



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-7	SDG No.:	Q1914
Lab Sample ID:	Q1914-08	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85
Sample Wt/Vol:	7.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086520.D	1		05/06/25 17:23	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	120	J	30.8	200	ug/Kg
108-88-3	Toluene	1400		30.4	200	ug/Kg
100-41-4	Ethyl Benzene	2200		26.1	200	ug/Kg
1330-20-7	Total Xylenes	12600		80.4	590	ug/Kg
98-82-8	Isopropylbenzene	670		30.4	200	ug/Kg
103-65-1	n-propylbenzene	1900		28.5	200	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2900		32.0	200	ug/Kg
98-06-6	tert-Butylbenzene	200	U	26.1	200	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	11000	E	25.0	200	ug/Kg
135-98-8	sec-Butylbenzene	780		25.7	200	ug/Kg
99-87-6	p-Isopropyltoluene	520		24.2	200	ug/Kg
104-51-8	n-Butylbenzene	1200		56.6	200	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.4		63 - 155	91%	SPK: 50
1868-53-7	Dibromofluoromethane	55.7		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	52.8		74 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.8		38 - 136	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	8.218			
540-36-3	1,4-Difluorobenzene	370000	9.094			
3114-55-4	Chlorobenzene-d5	347000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.788			

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_N\Data\VN050625\
Data File : VN086520.D
Acq On : 06 May 2025 17:23
Operator : JC\MD
Sample : Q1914-08
Misc : 7.54g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Quant Time: May 07 02:57:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

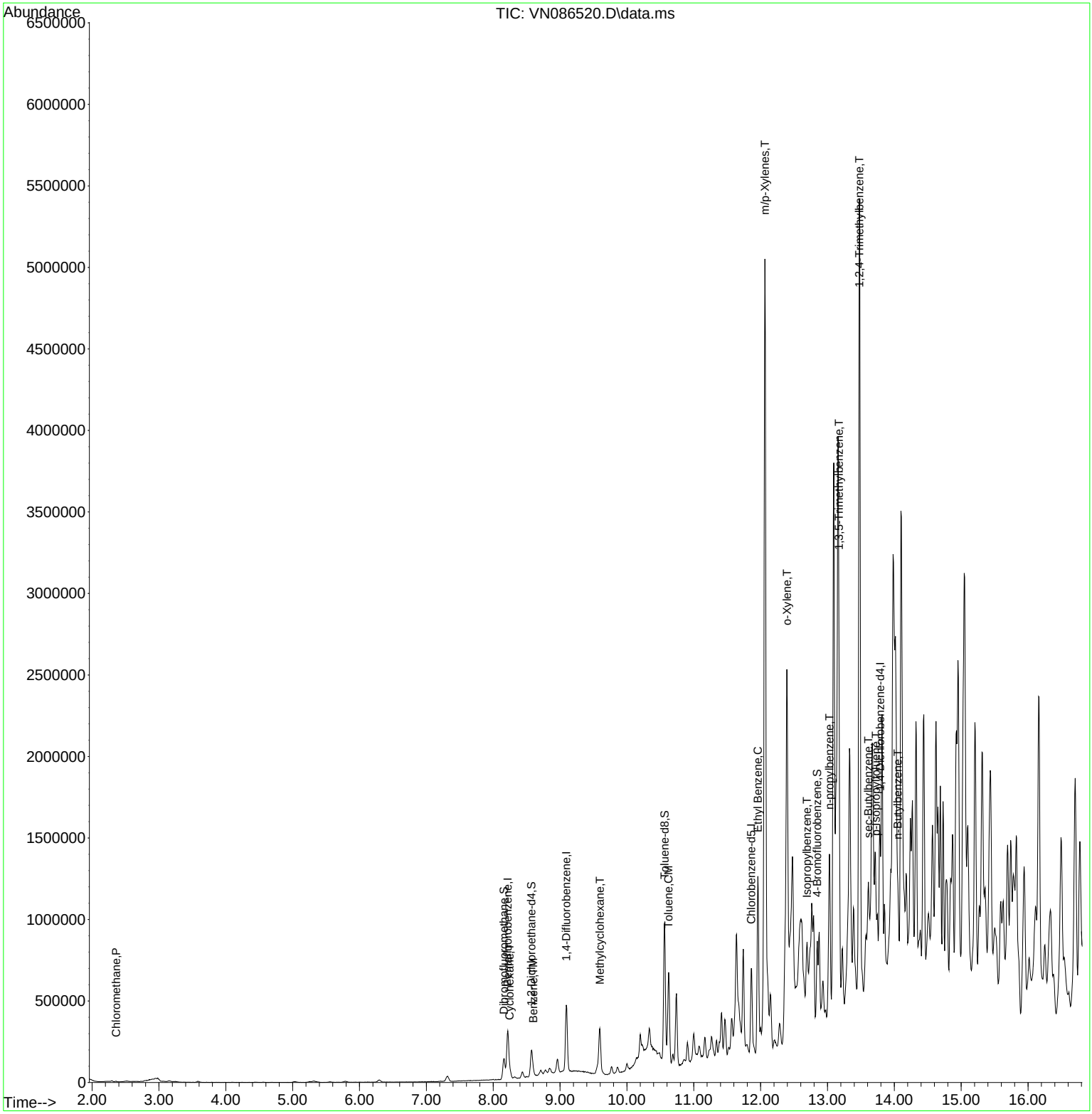
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.218	168	198517	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.094	114	370271	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.859	117	347259	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152767	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.571	65	130584	45.363	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.720%				
35) Dibromofluoromethane	8.159	113	95715	55.698	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.400%				
50) Toluene-d8	10.565	98	484795	52.785	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.560%				
62) 4-Bromofluorobenzene	12.847	95	166788	49.789	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.580%				
Target Compounds							Qvalue
3) Chloromethane	2.359	50	3612	1.056	ug/l		90
31) Cyclohexane	8.247	56	39261	8.416	ug/l	#	93
39) Methylcyclohexane	9.594	83	134843	33.052	ug/l		96
40) Benzene	8.600	78	34163	3.107	ug/l		99
52) Toluene	10.624	92	246705	35.953	ug/l		98
67) Ethyl Benzene	11.959	91	793307	56.728	ug/l		99
68) m/p-Xylenes	12.065	106	1134281	216.469	ug/l		95
69) o-Xylene	12.394	106	559998	108.067	ug/l		100
73) Isopropylbenzene	12.694	105	215076	17.211	ug/l		99
78) n-propylbenzene	13.029	91	710525	48.251	ug/l		90
80) 1,3,5-Trimethylbenzene	13.170	105	757282	74.039	ug/l		97
84) 1,2,4-Trimethylbenzene	13.476	105	2932662	281.680	ug/l		97
85) sec-Butylbenzene	13.612	105	246151	20.024	ug/l		87
86) p-Isopropyltoluene	13.723	119	134722	13.296	ug/l		98
89) n-Butylbenzene	14.053	91	284019	31.624	ug/l	#	83

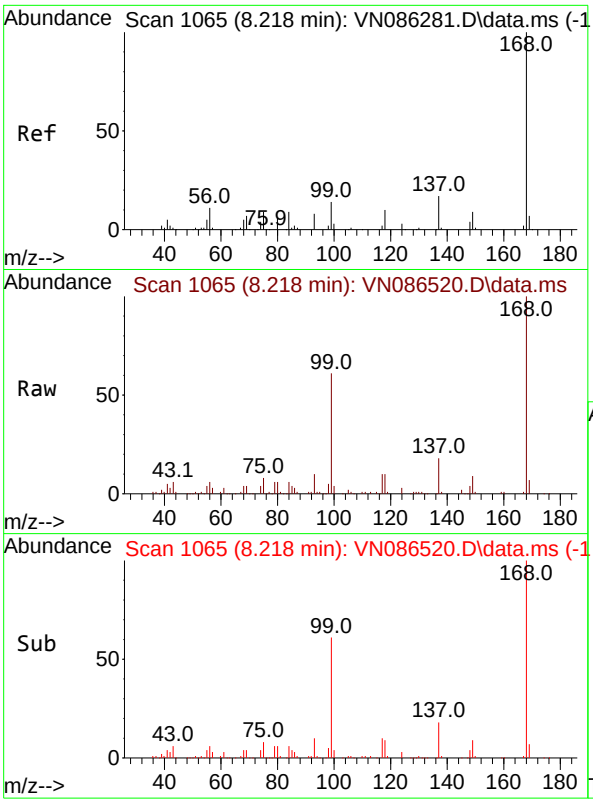
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086520.D
Acq On : 06 May 2025 17:23
Operator : JC\MD
Sample : Q1914-08
Misc : 7.54g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Quant Time: May 07 02:57:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



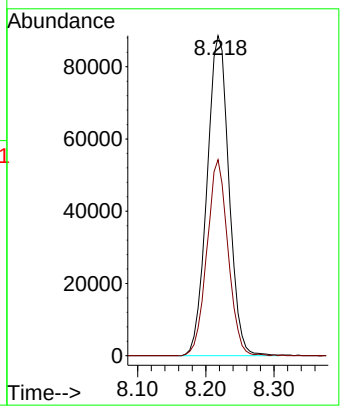


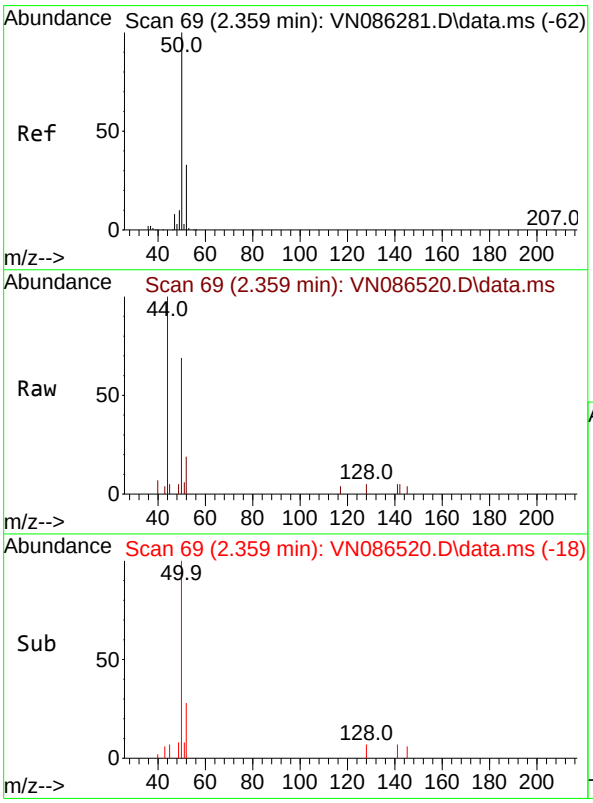
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion:168 Resp: 198517

Ion	Ratio	Lower	Upper
168	100		
99	61.3	52.5	78.7

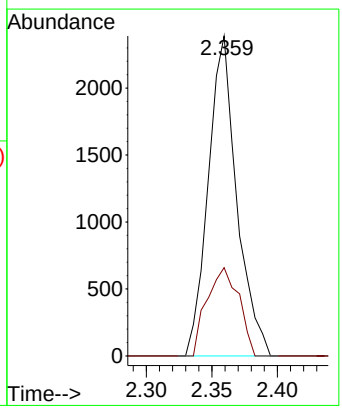


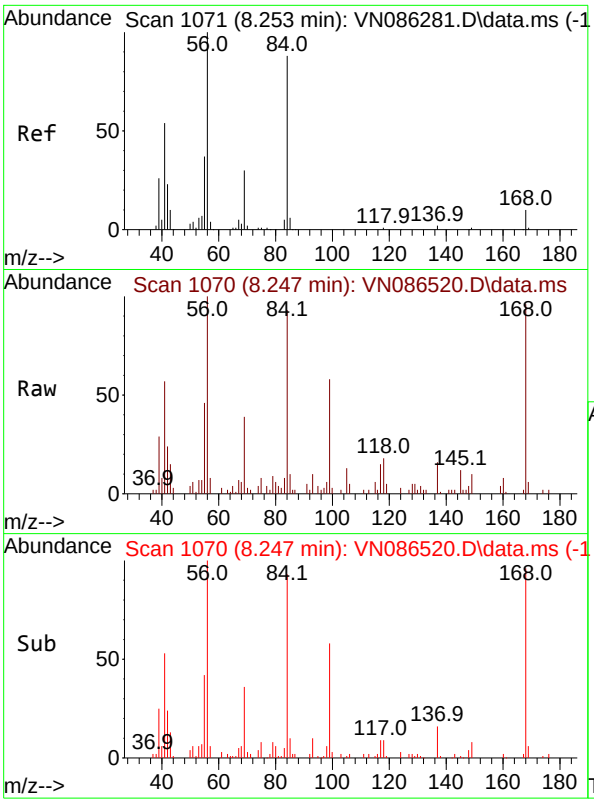


#3
Chloromethane
Concen: 1.056 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 50 Resp: 3612

Ion	Ratio	Lower	Upper
50	100		
52	27.6	26.5	39.7



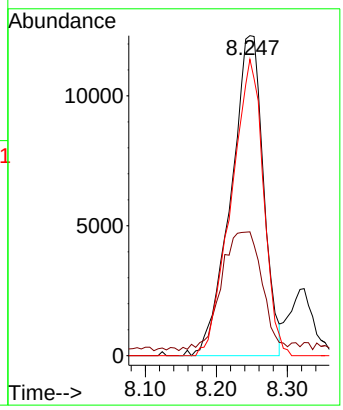


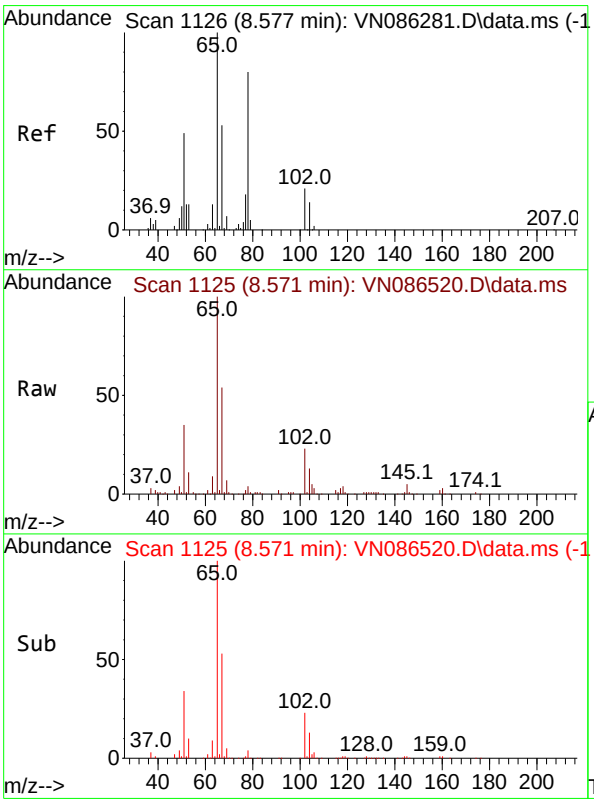
#31
Cyclohexane
Concen: 8.416 ug/l
RT: 8.247 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion: 56 Resp: 39261

Ion	Ratio	Lower	Upper
56	100		
69	37.1	24.2	36.2#
84	92.6	70.3	105.5

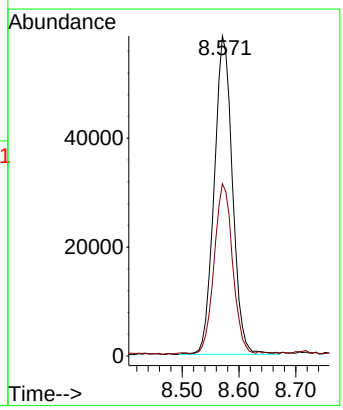


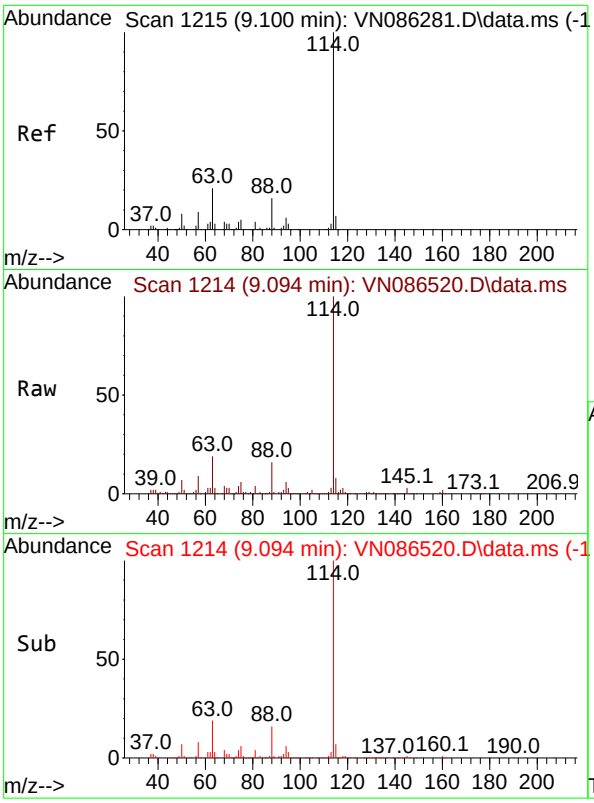


#33
1,2-Dichloroethane-d4
Concen: 45.363 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 65 Resp: 130584

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.0



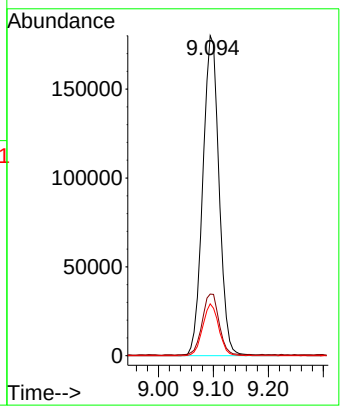


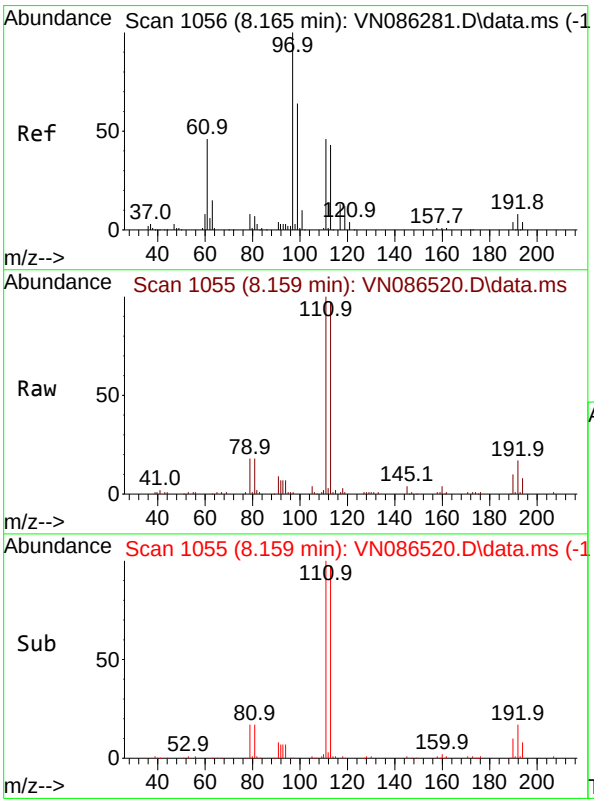
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion:114 Resp: 370271

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	42.6
88	16.2	0.0	31.8

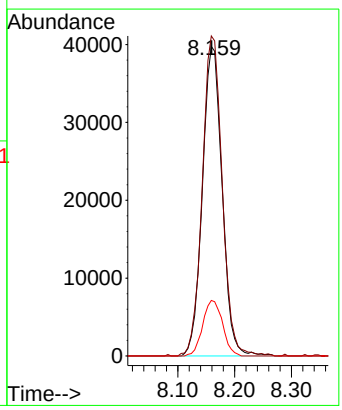


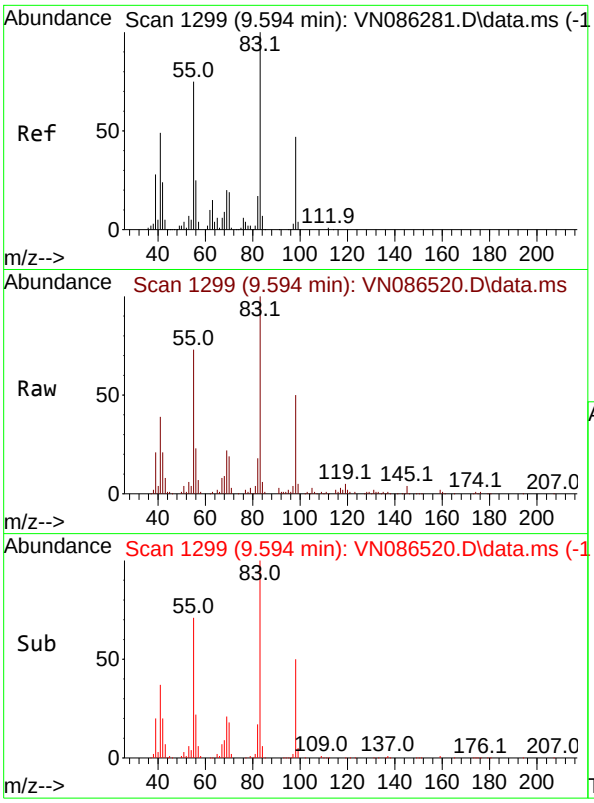


#35
Dibromofluoromethane
Concen: 55.698 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:113 Resp: 95715

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.0
192	18.0	13.7	20.5



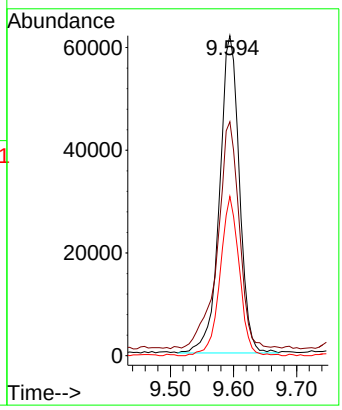


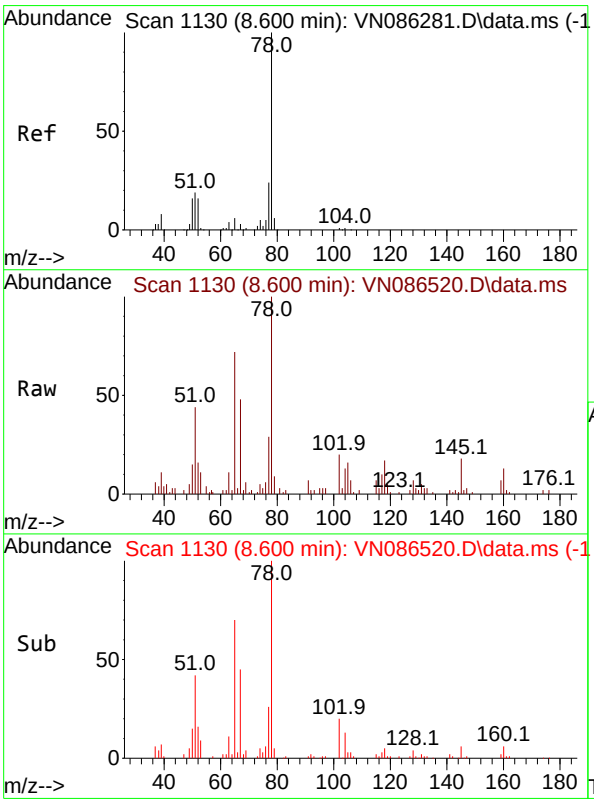
#39
Methylcyclohexane
Concen: 33.052 ug/l
RT: 9.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion: 83 Resp: 134843

Ion	Ratio	Lower	Upper
83	100		
55	71.0	59.8	89.8
98	50.2	37.9	56.9

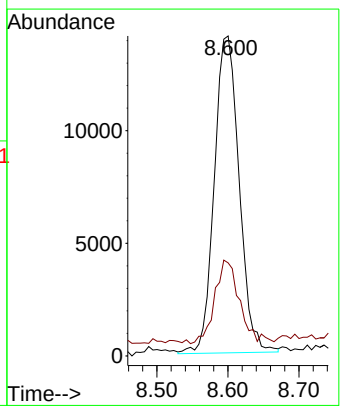


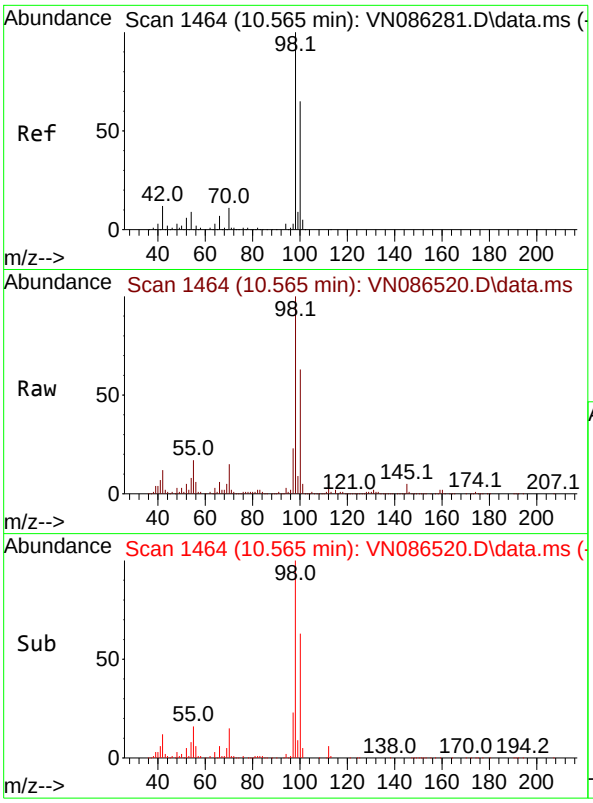


#40
Benzene
Concen: 3.107 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 78 Resp: 34163

Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.2



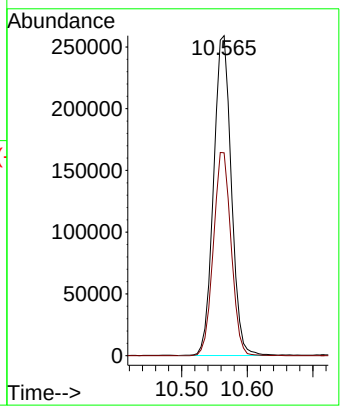


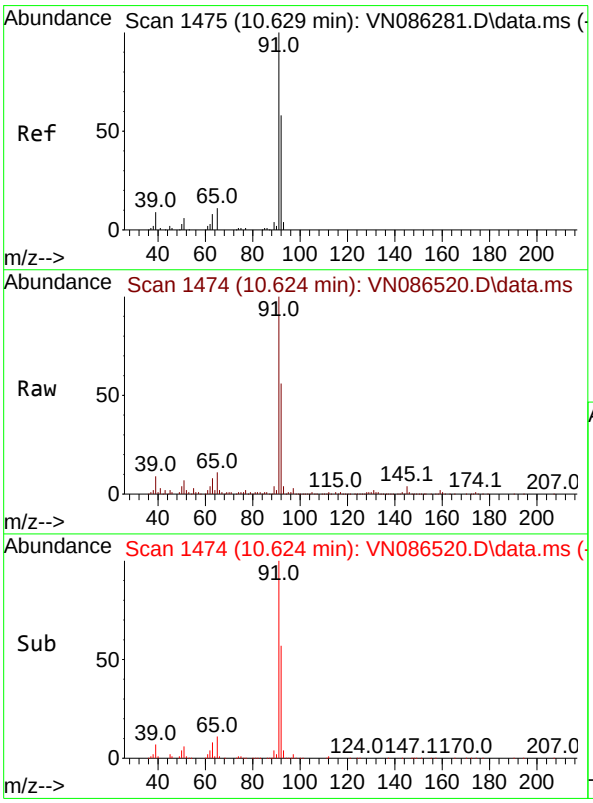
#50
Toluene-d8
Concen: 52.785 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion: 98 Resp: 484795

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.5	78.7

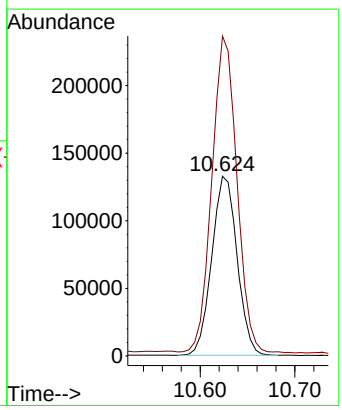


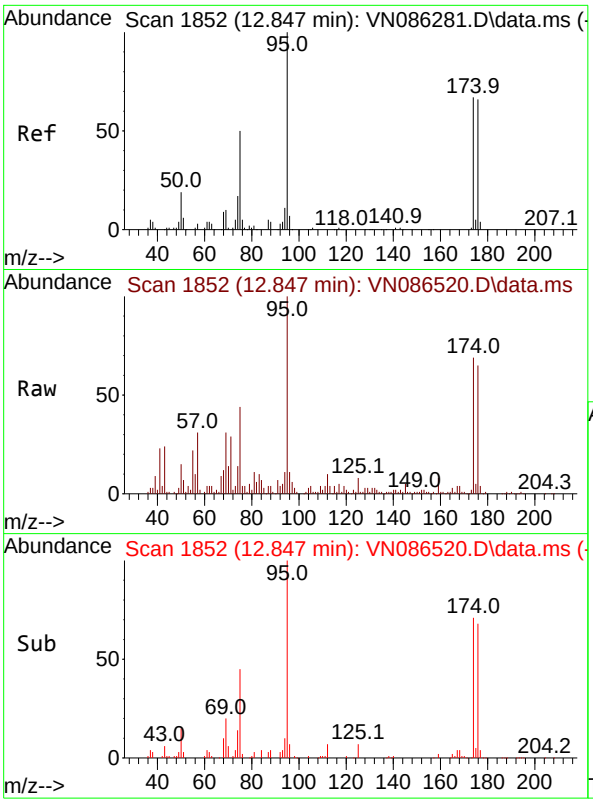


#52
Toluene
Concen: 35.953 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 92 Resp: 246705

Ion	Ratio	Lower	Upper
92	100		
91	174.9	137.3	205.9



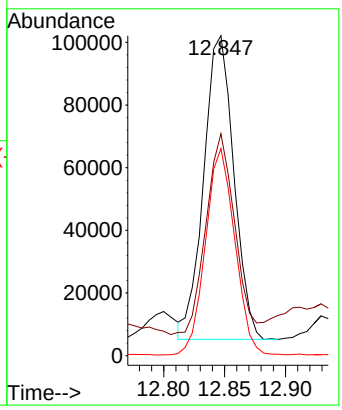


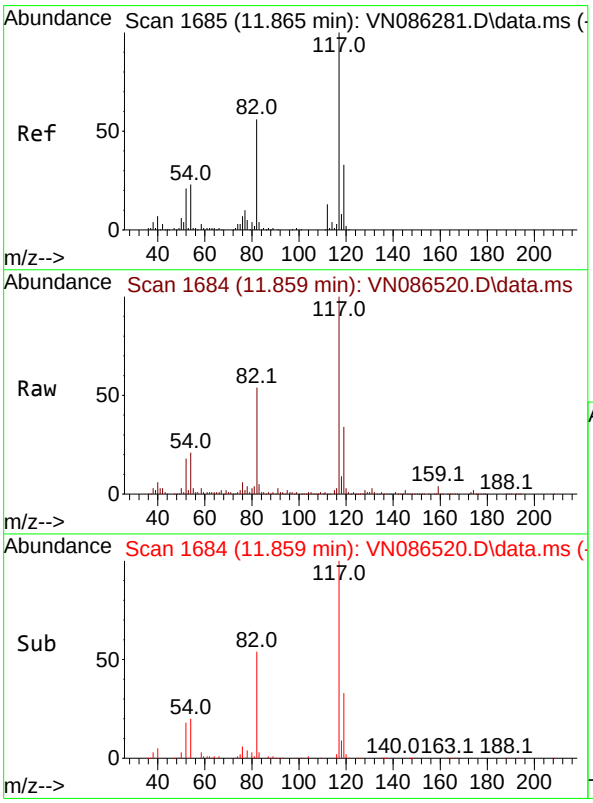
#62
4-Bromofluorobenzene
Concen: 49.789 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion: 95 Resp: 166788

Ion	Ratio	Lower	Upper
95	100		
174	63.7	0.0	133.4
176	66.0	0.0	129.2

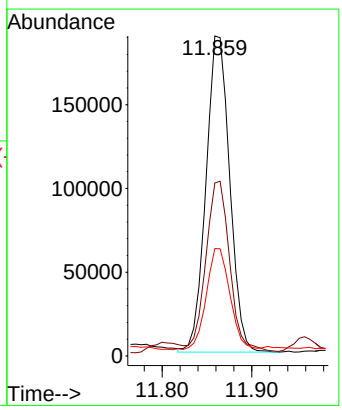


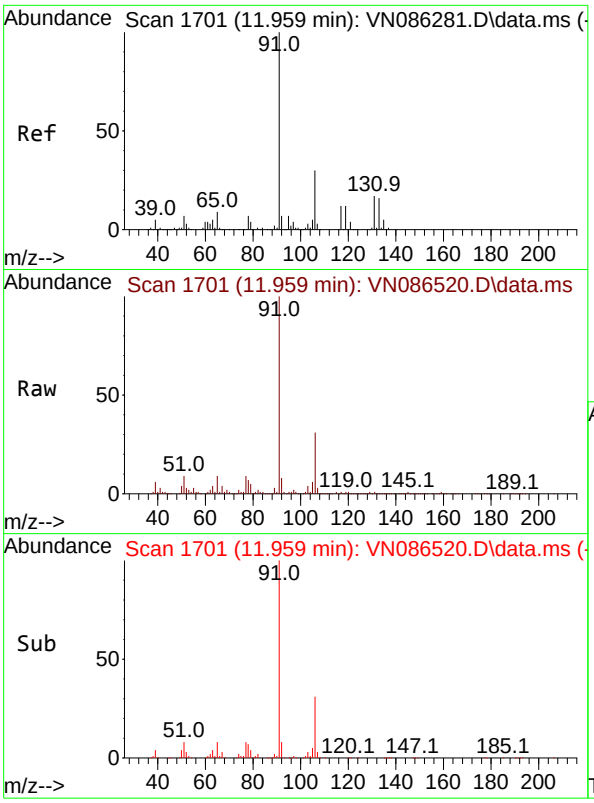


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:117 Resp: 347259

Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.7	67.1
119	31.7	26.4	39.6



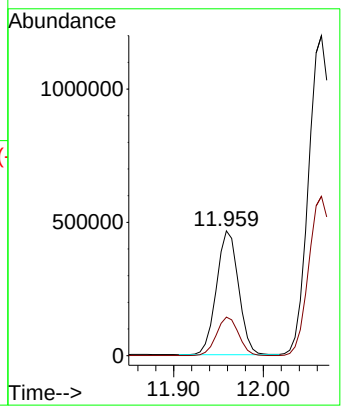


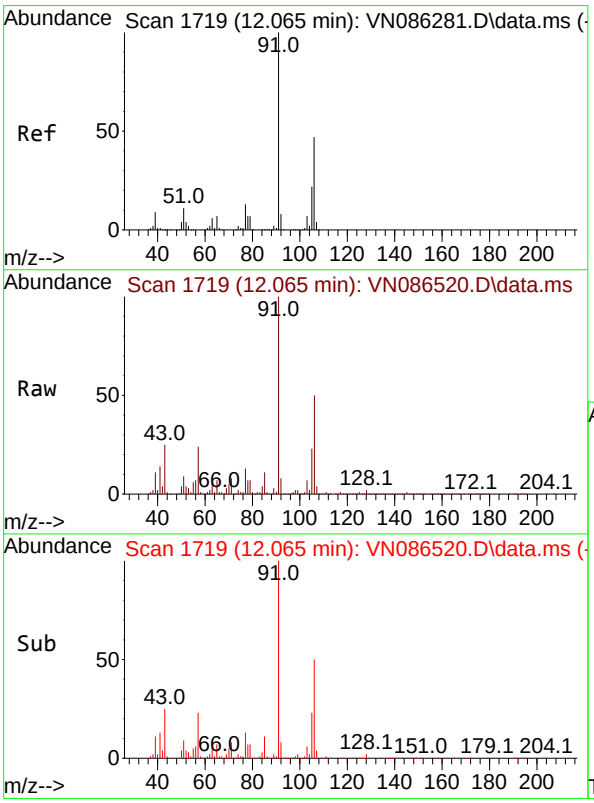
#67
Ethyl Benzene
Concen: 56.728 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion: 91 Resp: 793307

Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.3	36.5

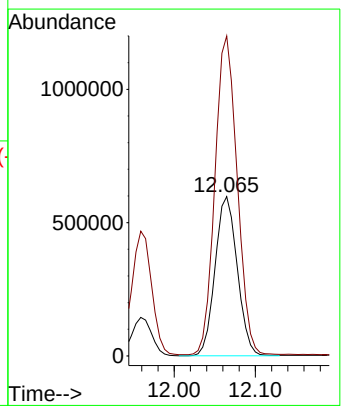


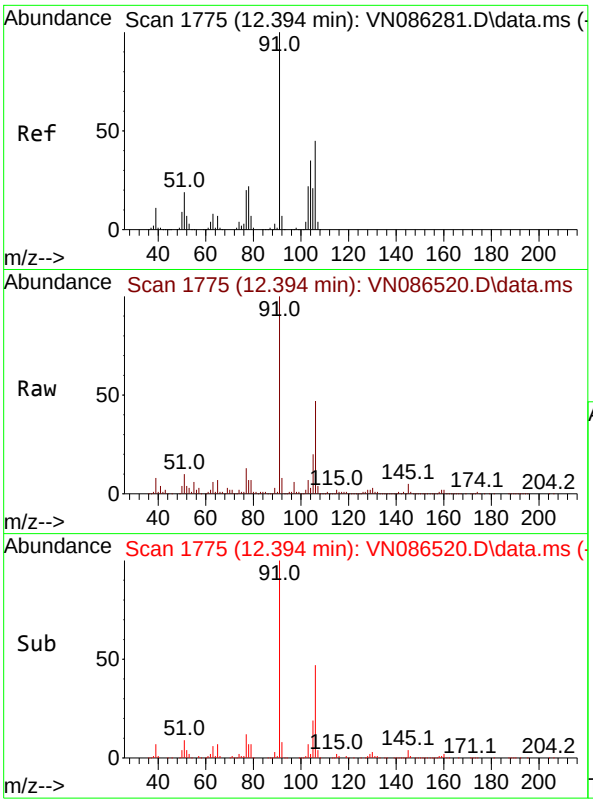


#68
m/p-Xylenes
Concen: 216.469 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:106 Resp: 1134281

Ion	Ratio	Lower	Upper
106	100		
91	200.2	166.5	249.7



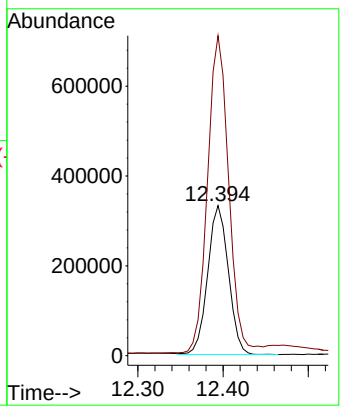


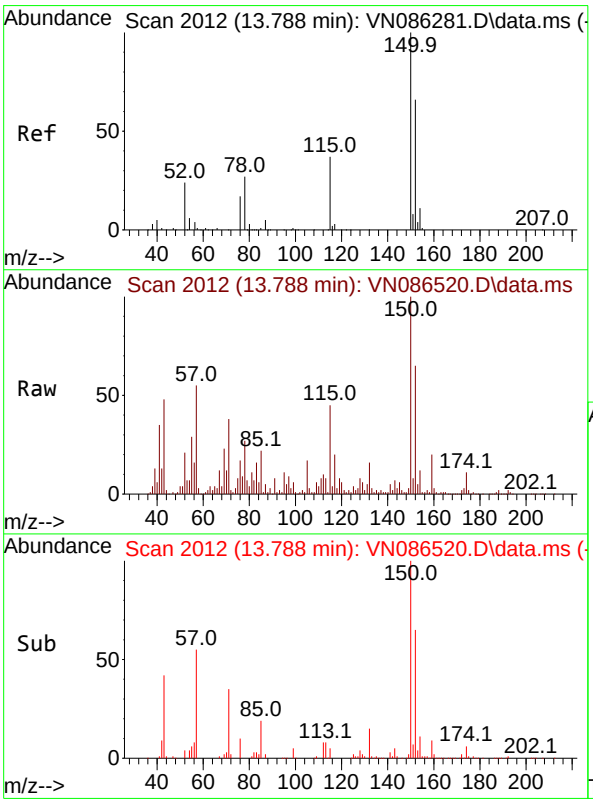
#69
o-Xylene
Concen: 108.067 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion:106 Resp: 559998

Ion	Ratio	Lower	Upper
106	100		
91	218.5	109.7	329.0

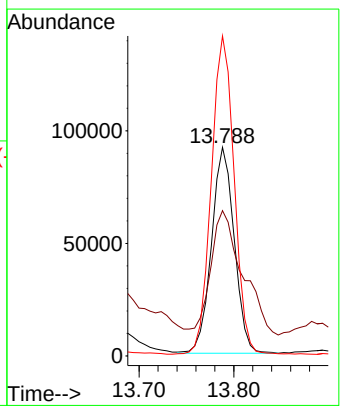


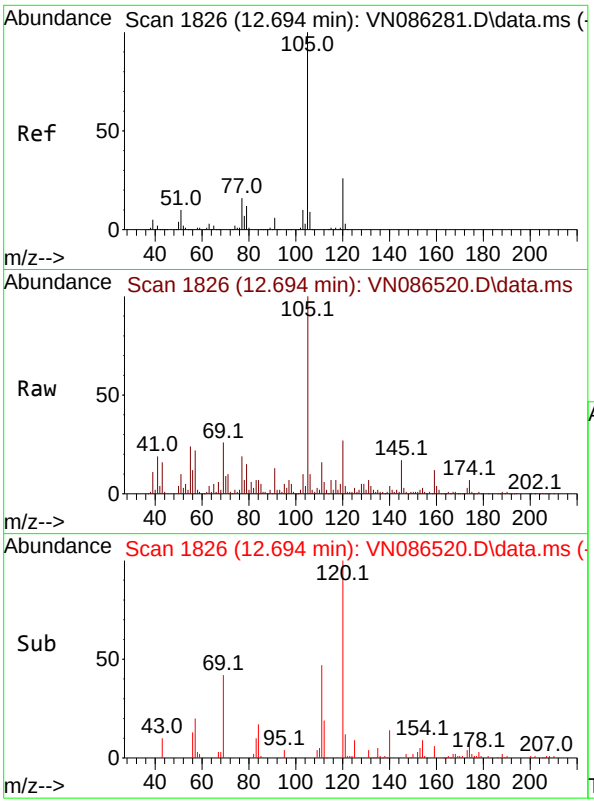


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:152 Resp: 152767

Ion	Ratio	Lower	Upper
152	100		
115	84.3	31.9	95.9
150	155.3	0.0	352.0



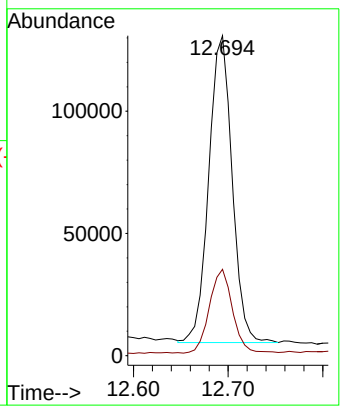


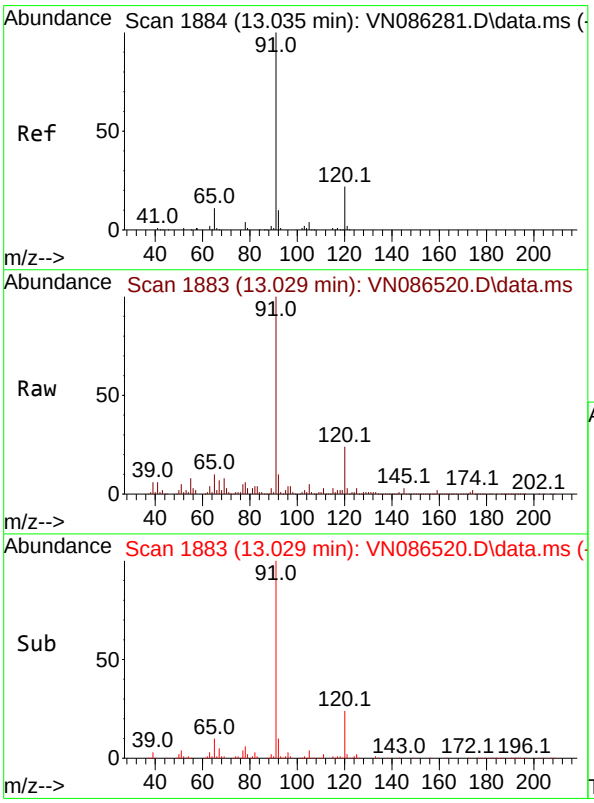
#73
Isopropylbenzene
Concen: 17.211 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion:105 Resp: 215076

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.1	39.3

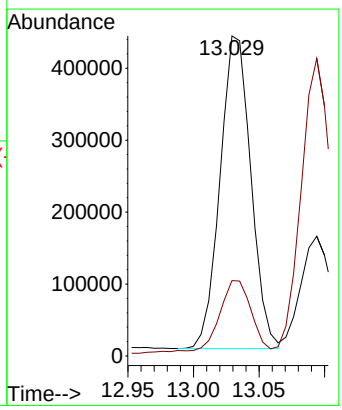


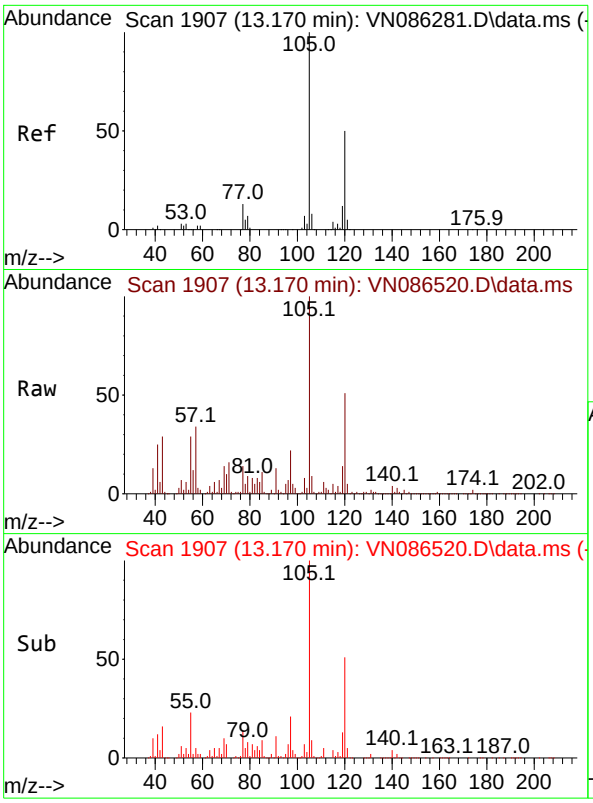


#78
n-propylbenzene
Concen: 48.251 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 91 Resp: 710525

Ion	Ratio	Lower	Upper
91	100		
120	27.0	11.1	33.3



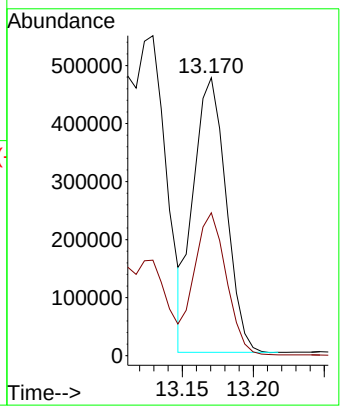


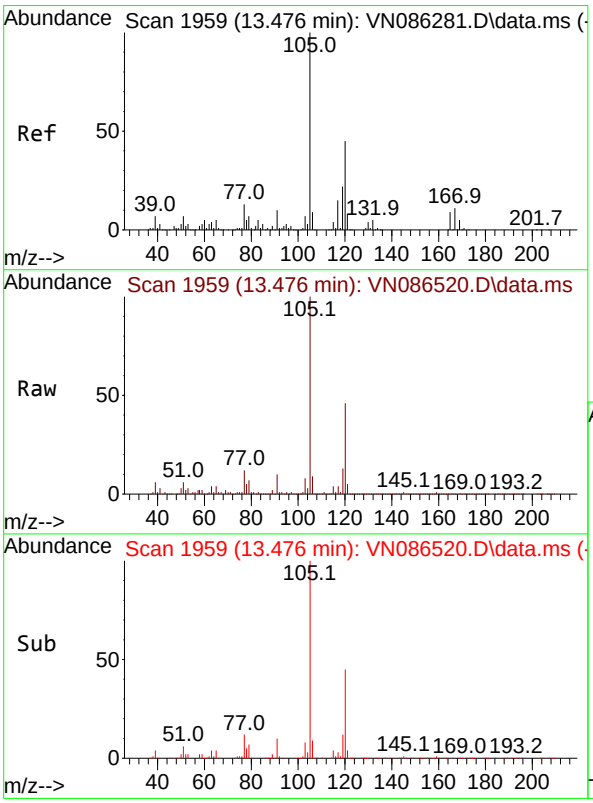
#80
1,3,5-Trimethylbenzene
Concen: 74.039 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion:105 Resp: 757282

Ion	Ratio	Lower	Upper
105	100		
120	51.1	24.5	73.5

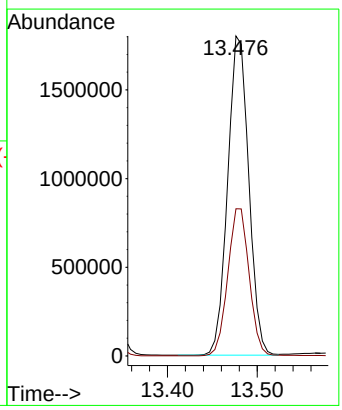


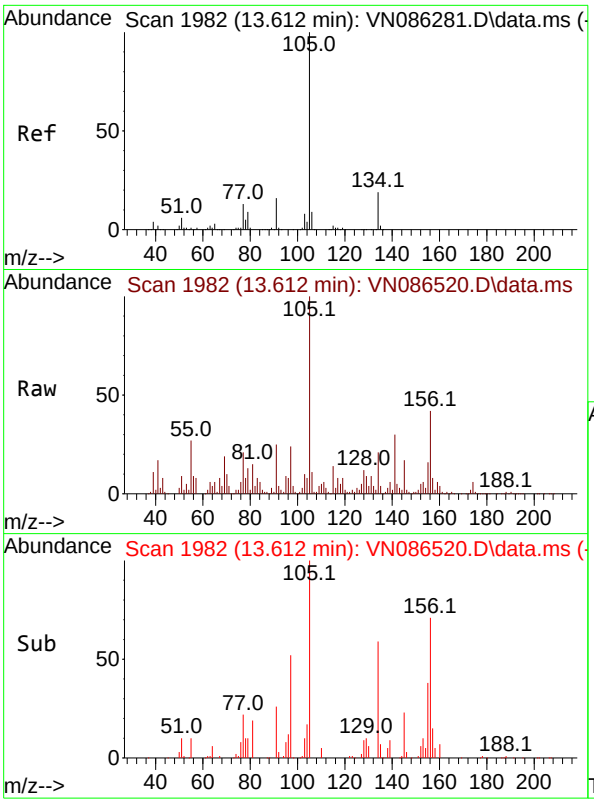


#84
1,2,4-Trimethylbenzene
Concen: 281.680 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:105 Resp: 2932662

Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.4	67.3



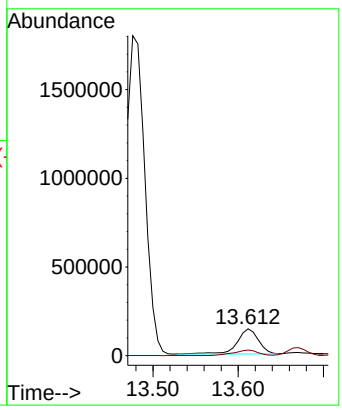


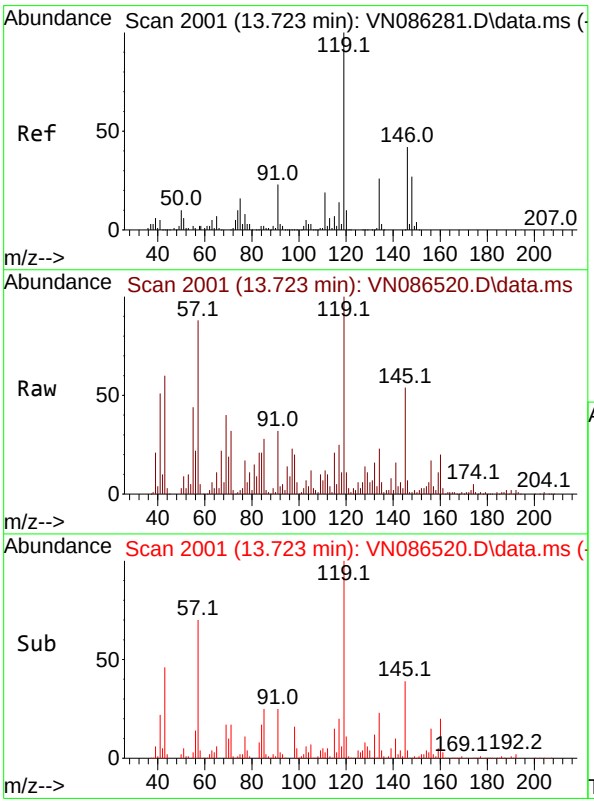
#85
sec-Butylbenzene
Concen: 20.024 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion:105 Resp: 246151

Ion	Ratio	Lower	Upper
105	100		
134	25.5	9.7	29.1

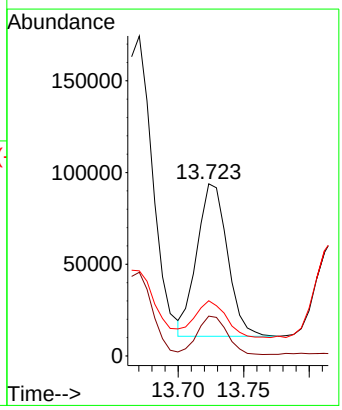


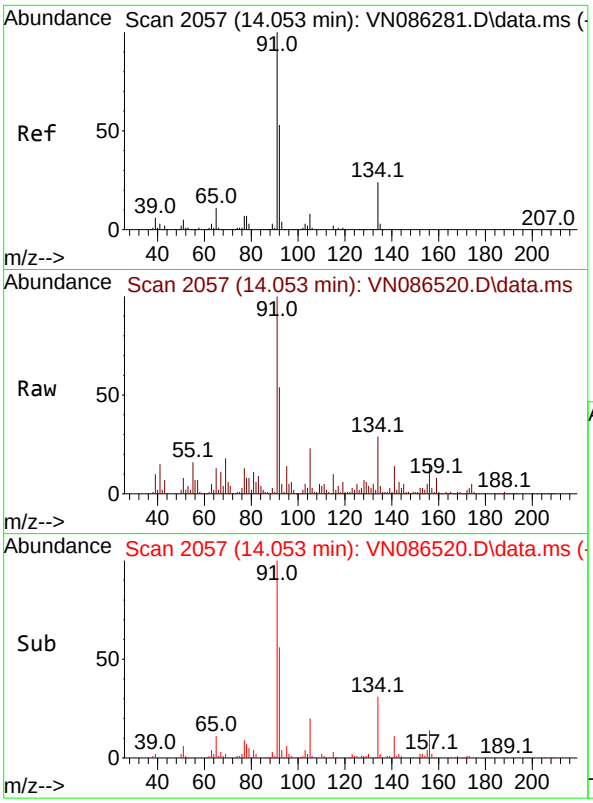


#86
p-Isopropyltoluene
Concen: 13.296 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:119 Resp: 134722

Ion	Ratio	Lower	Upper
119	100		
134	24.4	13.1	39.1
91	24.4	11.9	35.9



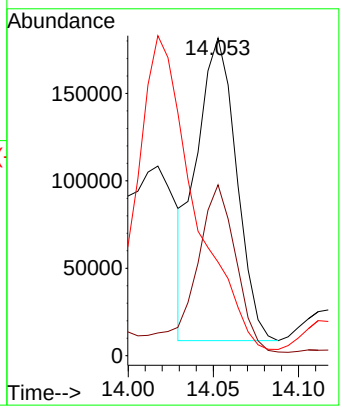


#89
n-Butylbenzene
Concen: 31.624 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Instrument :
MSVOA_N
ClientSampleId :
SS-7

Tgt Ion: 91 Resp: 284019

Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.8	80.4
134	0.0	12.2	36.6#



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-7DL	SDG No.:	Q1914
Lab Sample ID:	Q1914-08DL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	85
Sample Wt/Vol:	7.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086495.D	20		05/05/25 18:49	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3900	UD	620	3900	ug/Kg
108-88-3	Toluene	1300	JD	610	3900	ug/Kg
100-41-4	Ethyl Benzene	2200	JD	520	3900	ug/Kg
1330-20-7	Total Xylenes	12200	D	1610	11700	ug/Kg
98-82-8	Isopropylbenzene	640	JD	610	3900	ug/Kg
103-65-1	n-propylbenzene	1800	JD	570	3900	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3000	JD	640	3900	ug/Kg
98-06-6	tert-Butylbenzene	3900	UD	520	3900	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	11200	D	500	3900	ug/Kg
135-98-8	sec-Butylbenzene	760	JD	510	3900	ug/Kg
99-87-6	p-Isopropyltoluene	560	JD	480	3900	ug/Kg
104-51-8	n-Butylbenzene	3900	UD	1100	3900	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.7		63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	58.3		70 - 134	117%	SPK: 50
2037-26-5	Toluene-d8	50.2		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		38 - 136	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	163000	8.224			
540-36-3	1,4-Difluorobenzene	307000	9.1			
3114-55-4	Chlorobenzene-d5	284000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	128000	13.788			

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_N\Data\VN050525\
Data File : VN086495.D
Acq On : 05 May 2025 18:49
Operator : JC\MD
Sample : Q1914-08DL 20X
Misc : 7.54g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Quant Time: May 06 01:47:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

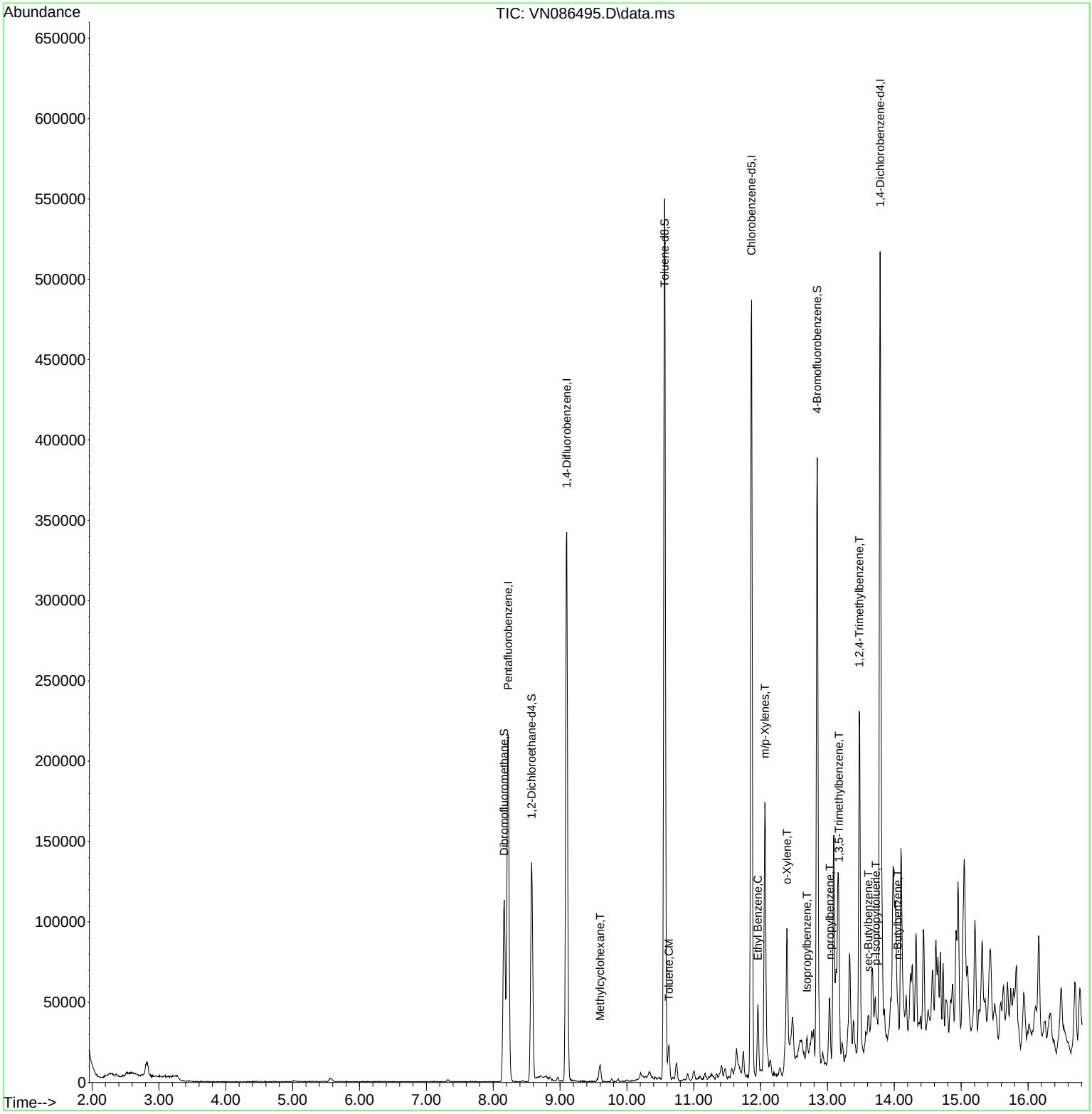
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	162880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112606	47.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.360%			
35) Dibromofluoromethane	8.165	113	83006	58.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.540%			
50) Toluene-d8	10.565	98	382043	50.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.360%			
62) 4-Bromofluorobenzene	12.847	95	138519	49.886	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.780%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	4562	1.349	ug/l	99
52) Toluene	10.629	92	9532	1.676	ug/l	93
67) Ethyl Benzene	11.959	91	32834	2.874	ug/l	96
68) m/p-Xylenes	12.065	106	43743	10.218	ug/l	95
69) o-Xylene	12.394	106	23003	5.433	ug/l	99
73) Isopropylbenzene	12.694	105	8606	0.821	ug/l	97
78) n-propylbenzene	13.035	91	29212	2.365	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	33369	3.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	124985	14.312	ug/l	98
85) sec-Butylbenzene	13.612	105	10040	0.974	ug/l	85
86) p-Isopropyltoluene	13.723	119	6157	0.724	ug/l	96
89) n-Butylbenzene	14.053	91	10058	1.335	ug/l #	75

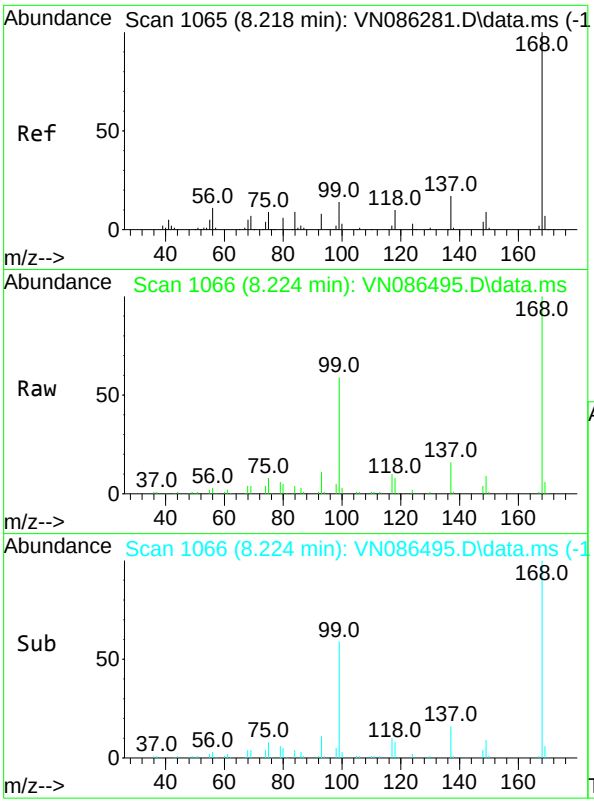
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086495.D
Acq On : 05 May 2025 18:49
Operator : JC\MD
Sample : Q1914-08DL 20X
Misc : 7.54g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Quant Time: May 06 01:47:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



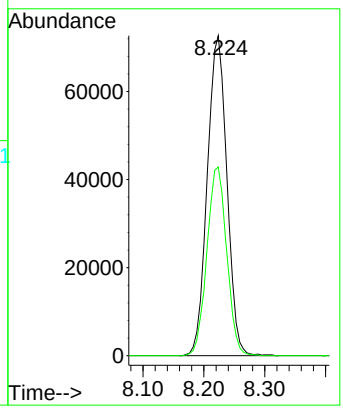


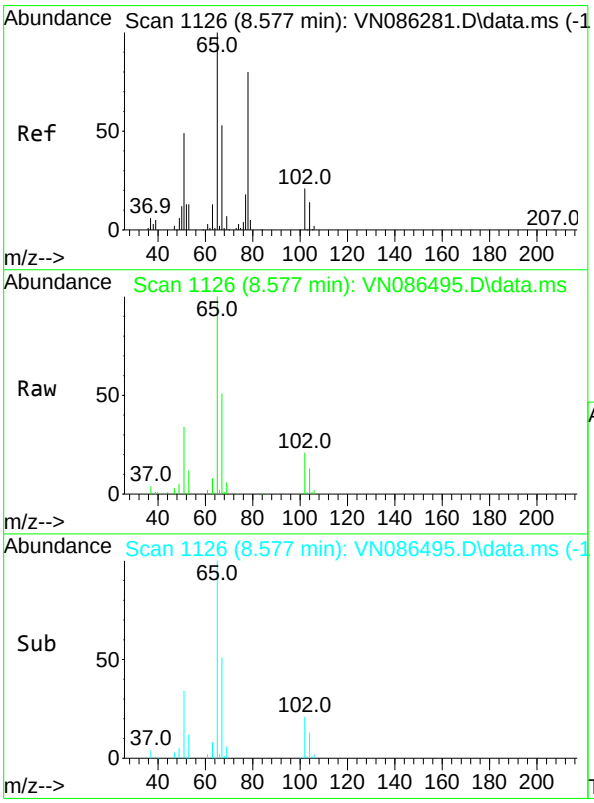
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:168 Resp: 162880

Ion	Ratio	Lower	Upper
168	100		
99	58.9	52.5	78.7

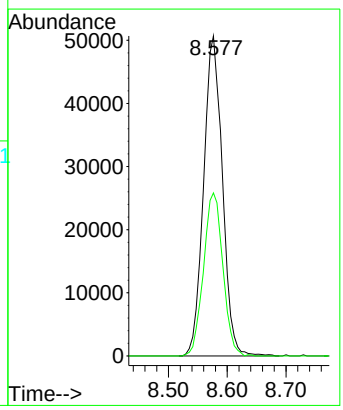


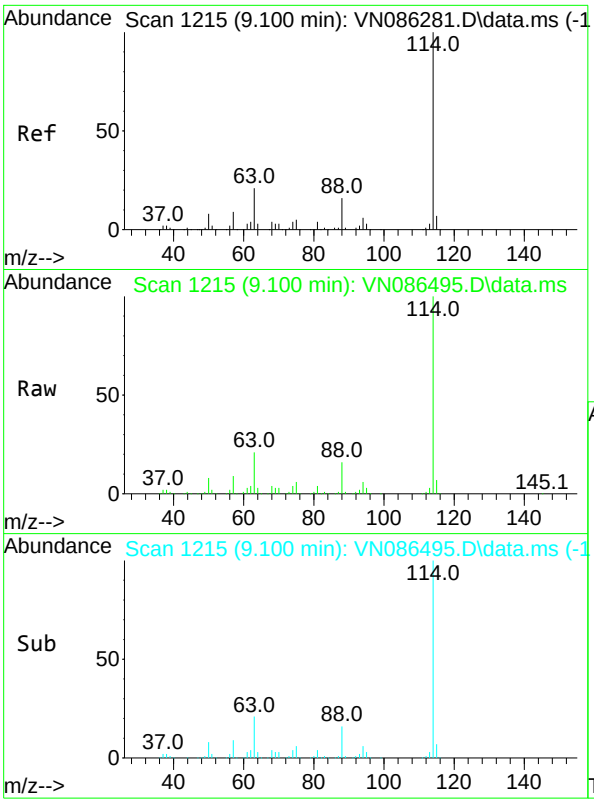


#33
1,2-Dichloroethane-d4
Concen: 47.676 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion: 65 Resp: 112606

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.0



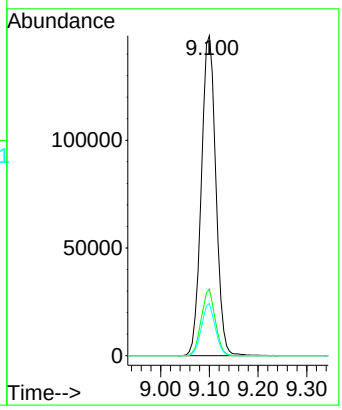


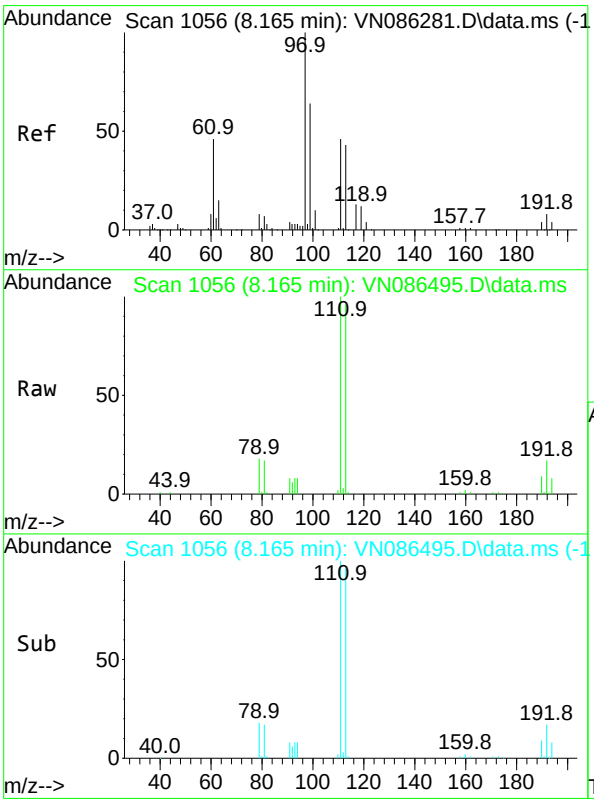
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:114 Resp: 306914

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.6
88	16.3	0.0	31.8

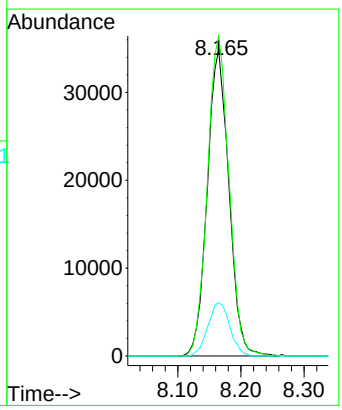


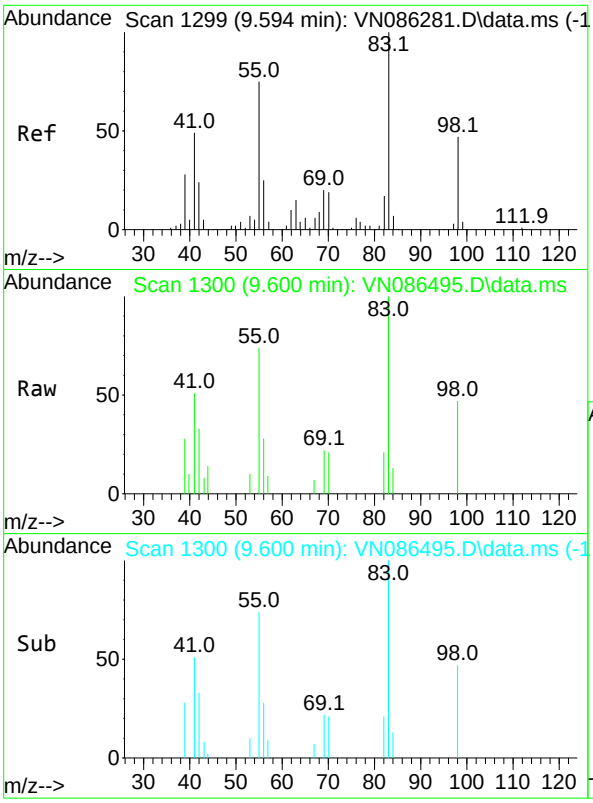


#35
Dibromofluoromethane
Concen: 58.273 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion:113 Resp: 83006

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.0
192	17.6	13.7	20.5



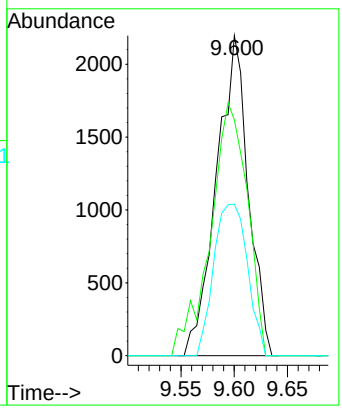


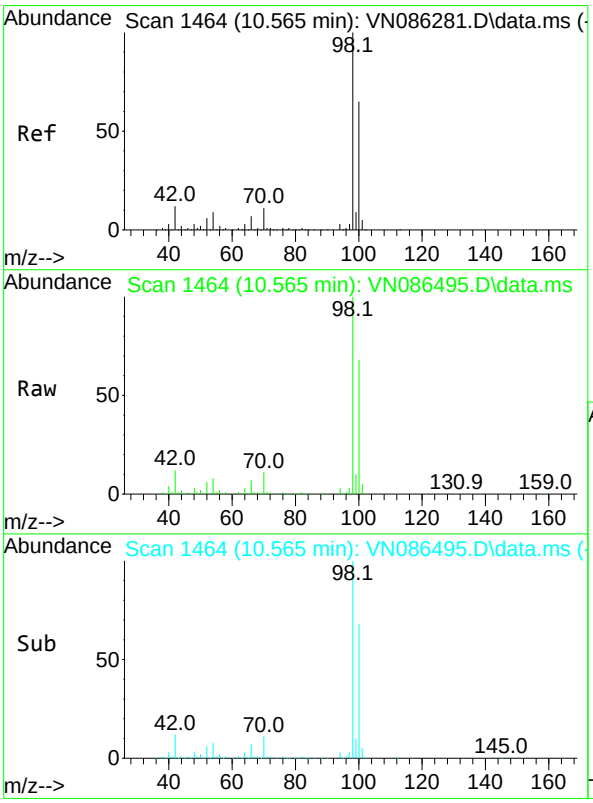
#39
Methylcyclohexane
Concen: 1.349 ug/l
RT: 9.600 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion: 83 Resp: 4562

Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.8	89.8
98	47.4	37.9	56.9

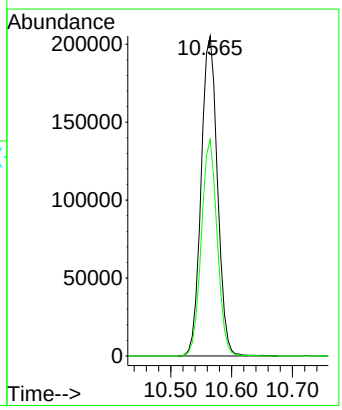


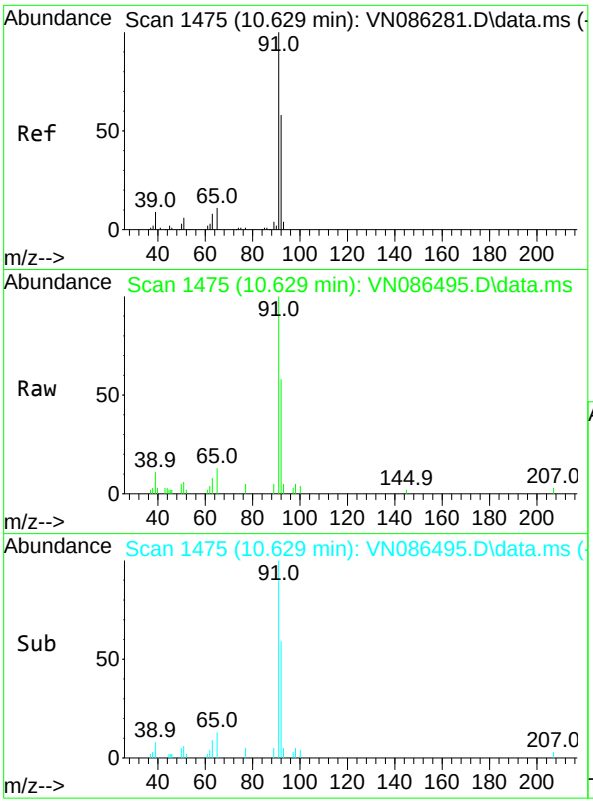


#50
Toluene-d8
Concen: 50.184 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion: 98 Resp: 382043

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.5	78.7



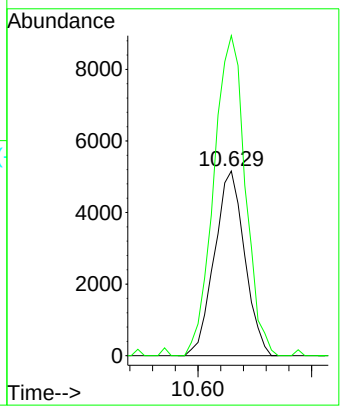


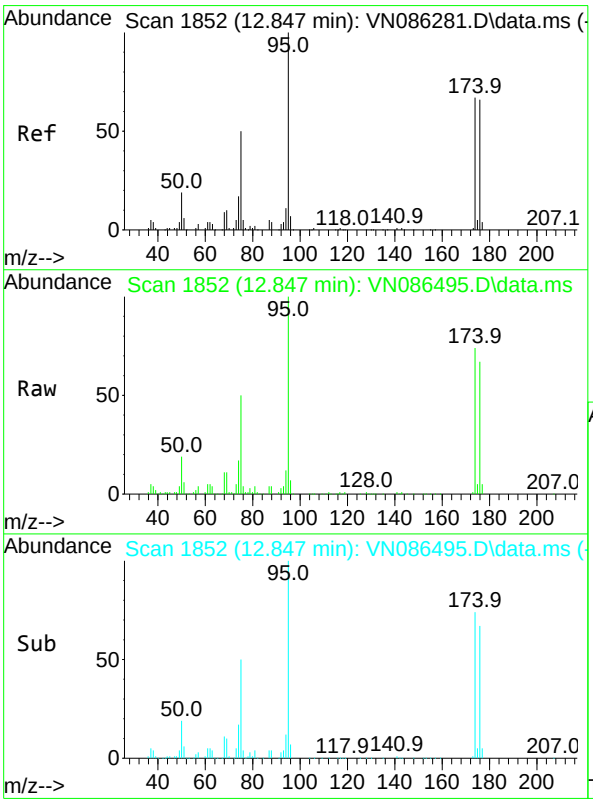
#52
Toluene
Concen: 1.676 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion: 92 Resp: 9532

Ion	Ratio	Lower	Upper
92	100		
91	181.1	137.3	205.9

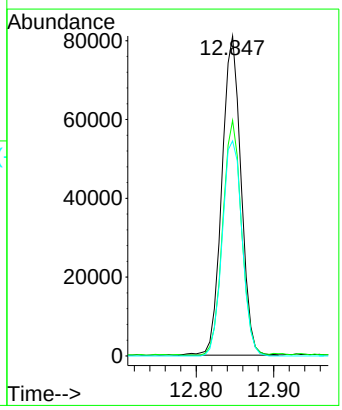


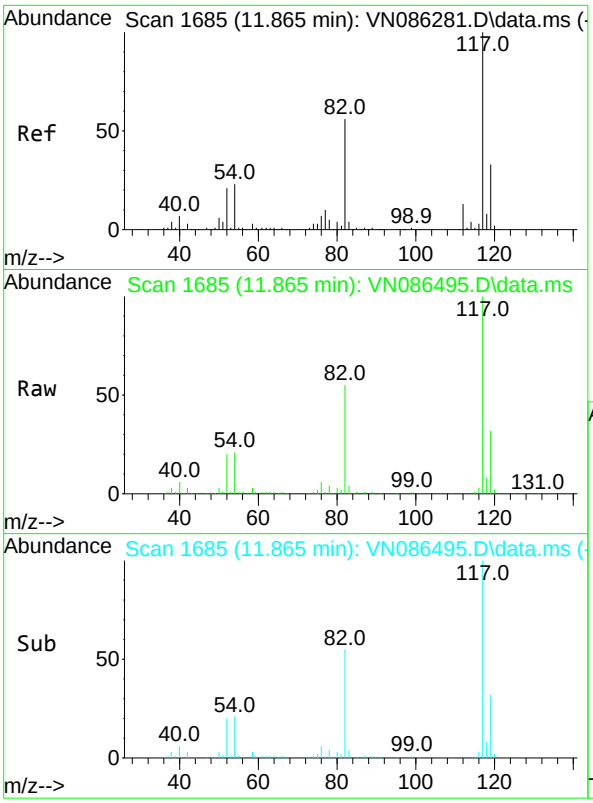


#62
4-Bromofluorobenzene
Concen: 49.886 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion: 95 Resp: 138519

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	133.4
176	70.2	0.0	129.2



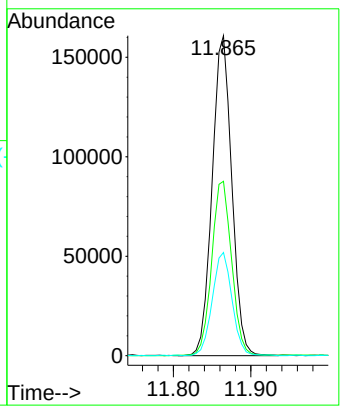


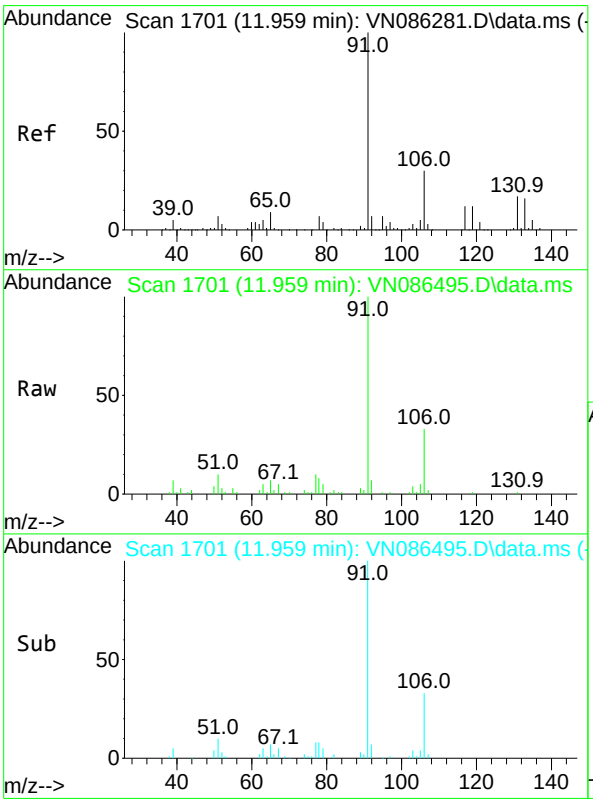
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:117 Resp: 283717

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.7	67.1
119	32.2	26.4	39.6

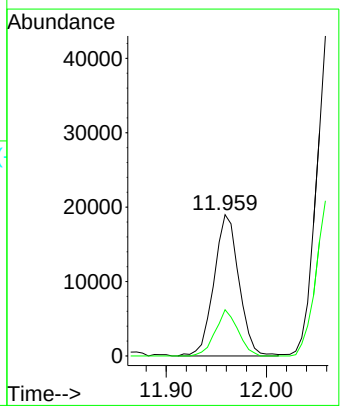


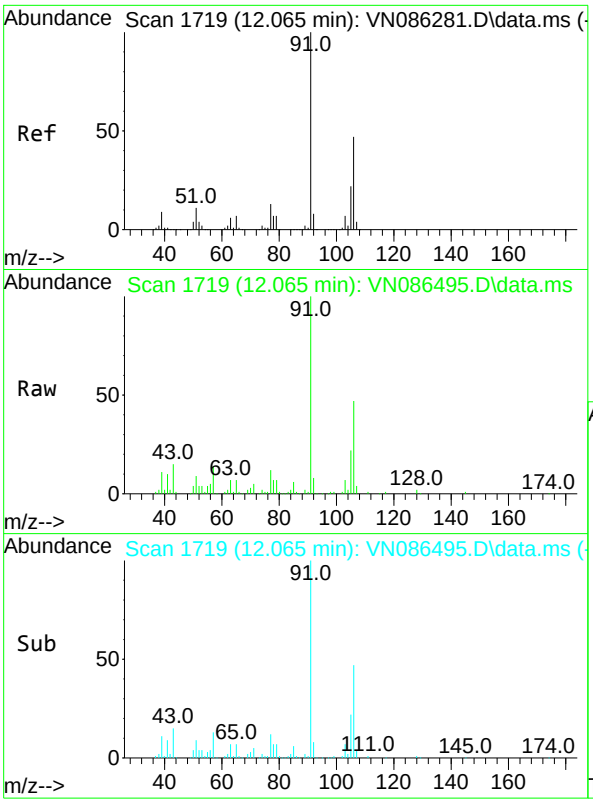


#67
Ethyl Benzene
Concen: 2.874 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion: 91 Resp: 32834

Ion	Ratio	Lower	Upper
91	100		
106	32.7	24.3	36.5



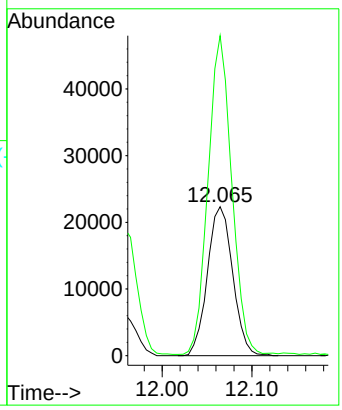


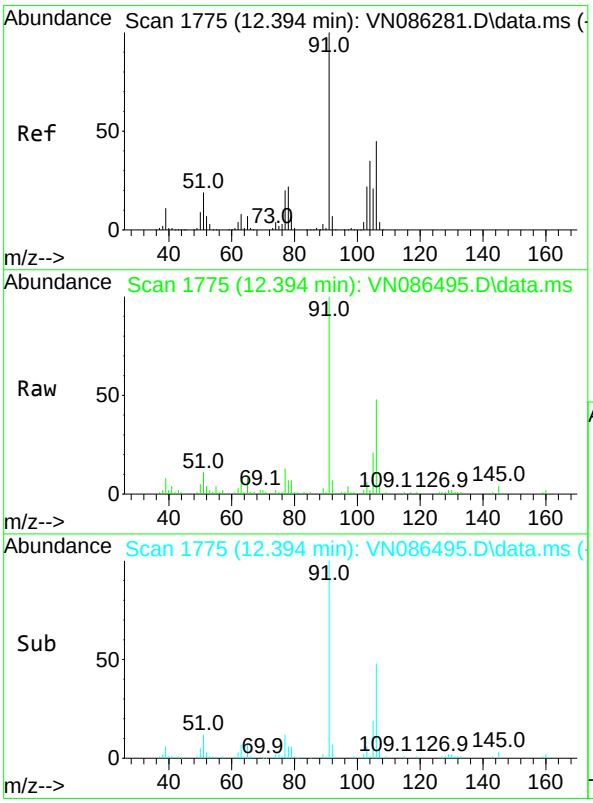
#68
m/p-Xylenes
Concen: 10.218 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:106 Resp: 43743

Ion	Ratio	Lower	Upper
106	100		
91	200.4	166.5	249.7

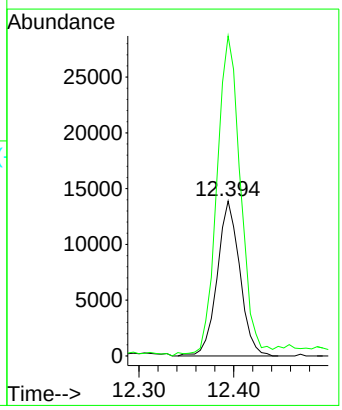


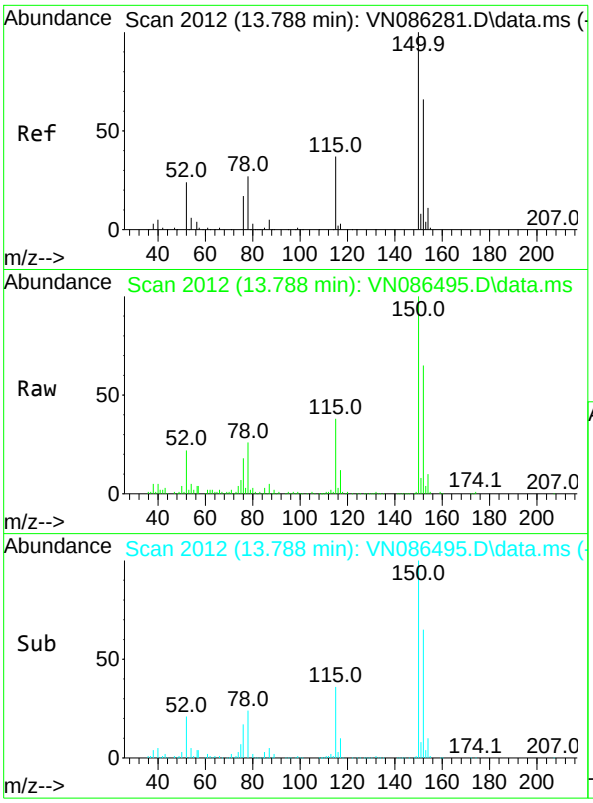


#69
o-Xylene
Concen: 5.433 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion:106 Resp: 23003

Ion	Ratio	Lower	Upper
106	100		
91	217.8	109.7	329.0



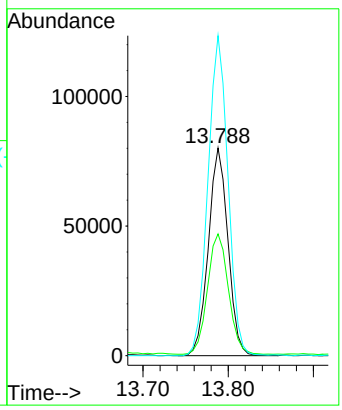


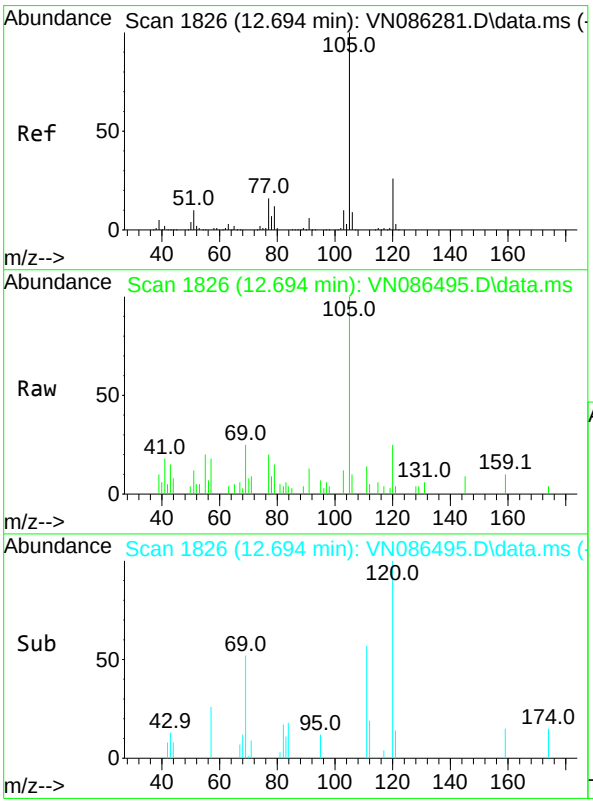
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:152 Resp: 128135

Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.9	95.9
150	157.2	0.0	352.0

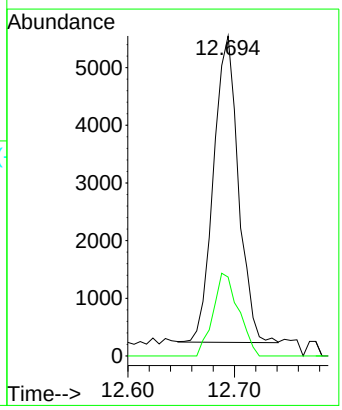


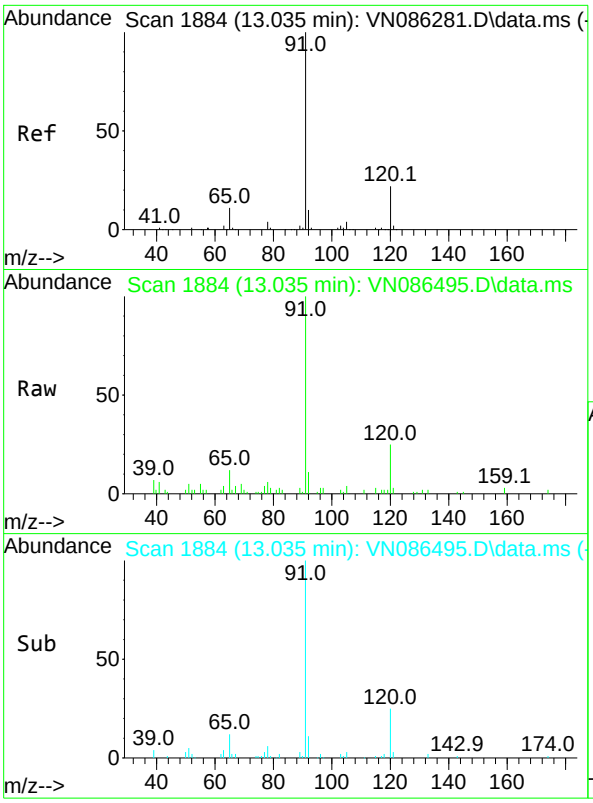


#73
Isopropylbenzene
Concen: 0.821 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion:105 Resp: 8606

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.1	39.3



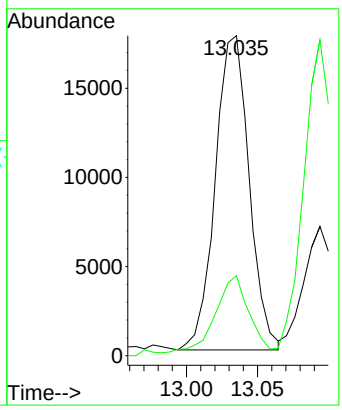


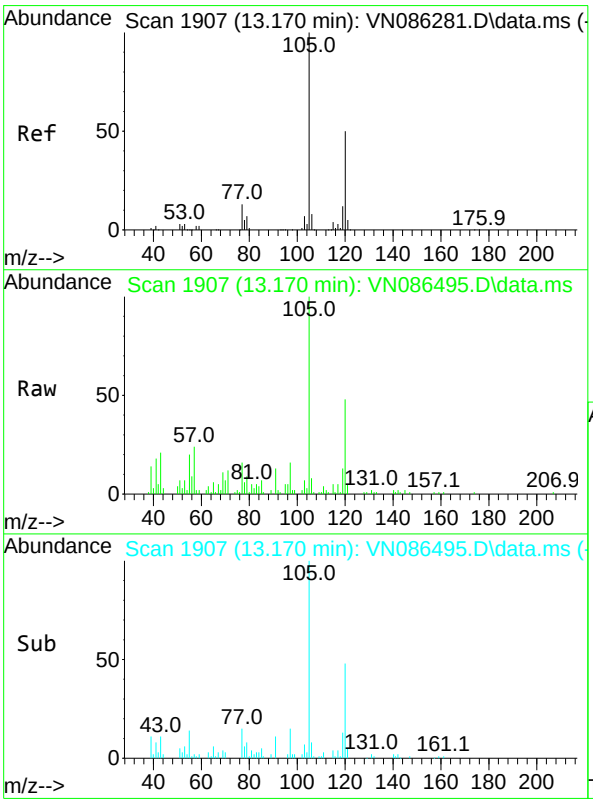
#78
n-propylbenzene
Concen: 2.365 ug/l
RT: 13.035 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion: 91 Resp: 29212

Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.1	33.3

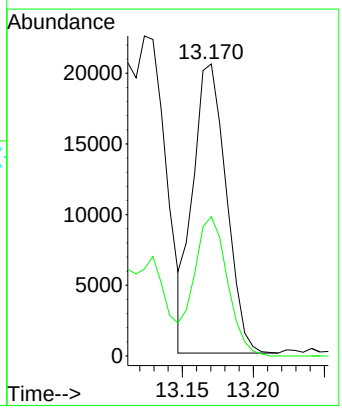


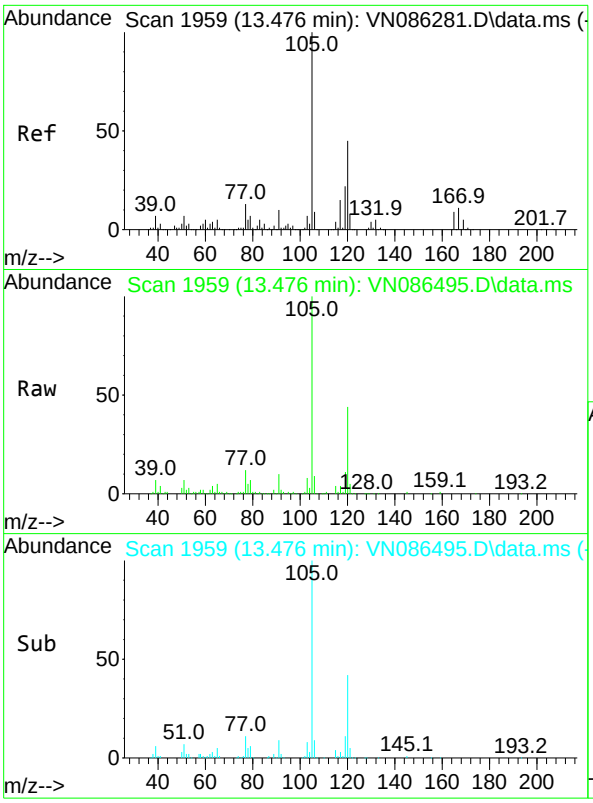


#80
1,3,5-Trimethylbenzene
Concen: 3.890 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion:105 Resp: 33369

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.5	73.5



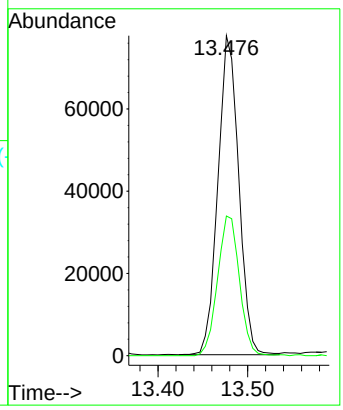


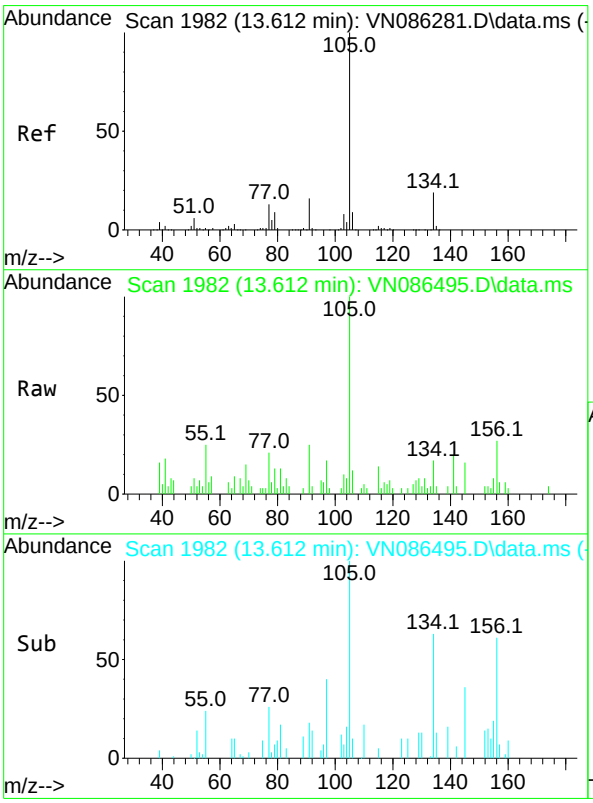
#84
1,2,4-Trimethylbenzene
Concen: 14.312 ug/l
RT: 13.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:105 Resp: 124985

Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.4	67.3

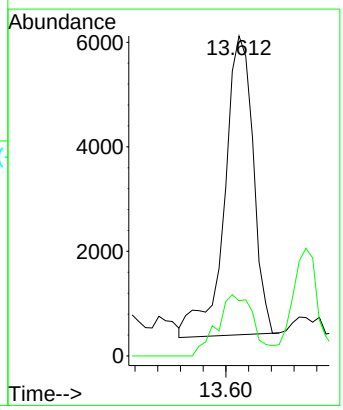


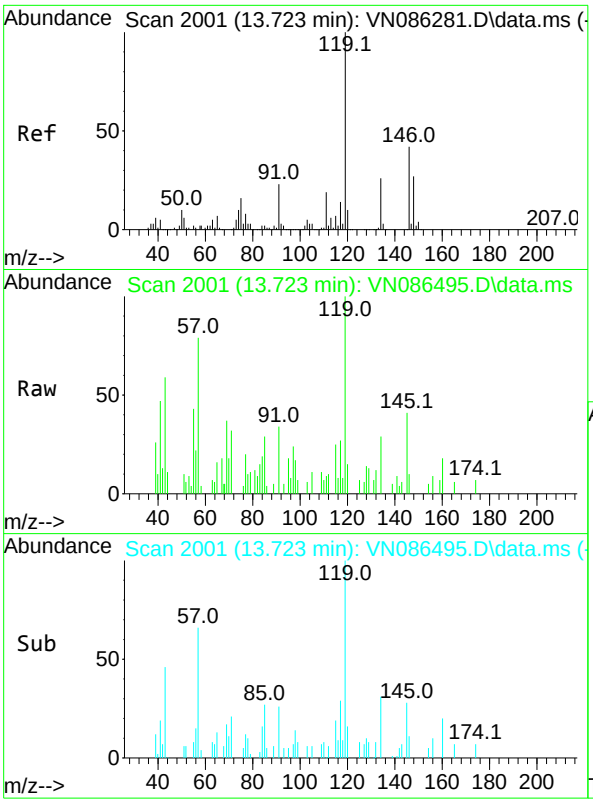


#85
sec-Butylbenzene
Concen: 0.974 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion:105 Resp: 10040

Ion	Ratio	Lower	Upper
105	100		
134	26.1	9.7	29.1



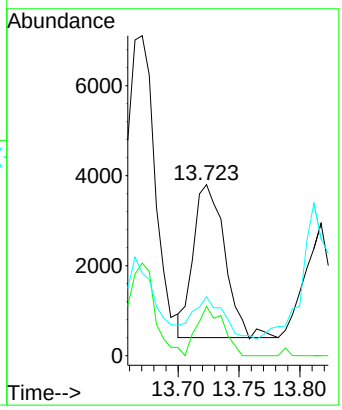


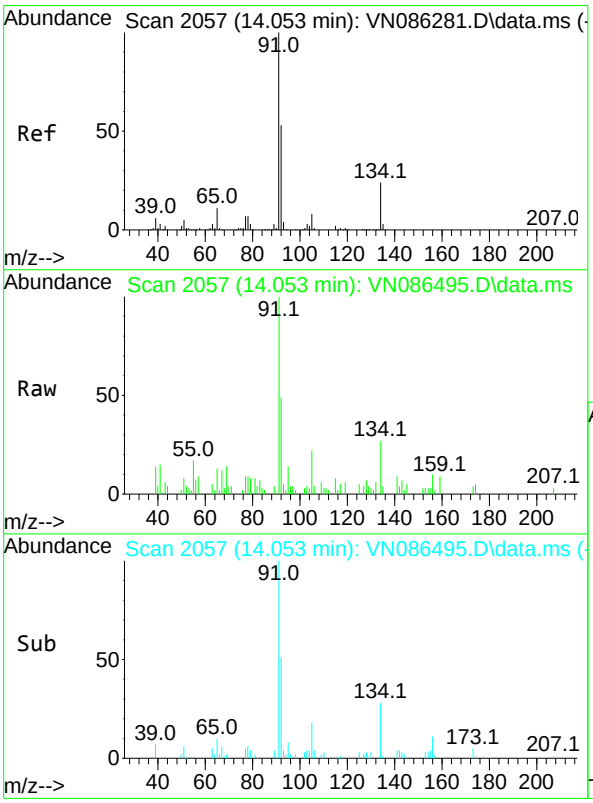
#86
p-Isopropyltoluene
Concen: 0.724 ug/l
RT: 13.723 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:119 Resp: 6157

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.1	39.1
91	27.2	11.9	35.9

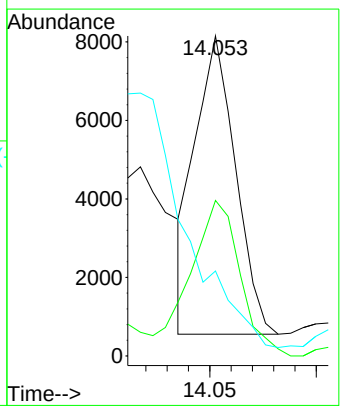




#89
n-Butylbenzene
Concen: 1.335 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion: 91 Resp: 10058

Ion	Ratio	Lower	Upper
91	100		
92	63.7	26.8	80.4
134	0.0	12.2	36.6#



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8	SDG No.:	Q1914
Lab Sample ID:	Q1914-09	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	7.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022114.D	1		05/01/25 18:00	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	19.9		0.55	3.50	ug/Kg
108-88-3	Toluene	640	E	0.55	3.50	ug/Kg
100-41-4	Ethyl Benzene	780	E	0.47	3.50	ug/Kg
1330-20-7	Total Xylenes	4200	E	1.44	10.5	ug/Kg
98-82-8	Isopropylbenzene	320	E	0.55	3.50	ug/Kg
103-65-1	n-propylbenzene	420	E	0.51	3.50	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	470	E	0.57	3.50	ug/Kg
98-06-6	tert-Butylbenzene	3.50	U	0.47	3.50	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	710	E	0.45	3.50	ug/Kg
135-98-8	sec-Butylbenzene	280	E	0.46	3.50	ug/Kg
99-87-6	p-Isopropyltoluene	180	E	0.43	3.50	ug/Kg
104-51-8	n-Butylbenzene	320	E	1.00	3.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	36.9		63 - 155	74%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	100	*	74 - 123	208%	SPK: 50
460-00-4	4-Bromofluorobenzene	220	*	38 - 136	447%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	521000	7.707			
540-36-3	1,4-Difluorobenzene	815000	8.616			
3114-55-4	Chlorobenzene-d5	583000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	512000	13.353			

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_Y\Data\VY050125\
Data File : VY022114.D
Acq On : 01 May 2025 18:00
Operator : SY/MD
Sample : Q1914-09
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Quant Time: May 02 01:32:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	521018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	814848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	583005	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	511573	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	177553	36.894	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 73.780%			
35) Dibromofluoromethane	7.634	113	259836	48.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.540%			
50) Toluene-d8	10.109	98	2107268	103.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 207.660%#			
62) 4-Bromofluorobenzene	12.408	95	1528236	223.683	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 447.360%#			
Target Compounds						Qvalue
20) Methylene Chloride	4.616	84	21583	3.547	ug/l #	77
31) Cyclohexane	7.701	56	2519440	316.693	ug/l	95
39) Methylcyclohexane	9.116	83	12833286	1410.235	ug/l	94
40) Benzene	8.085	78	643784	28.480	ug/l	100
52) Toluene	10.176	92	13461118	919.969	ug/l #	75
67) Ethyl Benzene	11.512	91	23787081m	1115.339	ug/l	
68) m/p-Xylenes	11.621	106	27276221m	3214.042	ug/l	
69) o-Xylene	11.950	106	22804932m	2915.500	ug/l	
73) Isopropylbenzene	12.261	105	15536198	454.561	ug/l	91
78) n-propylbenzene	12.591	91	24251065m	595.810	ug/l	
80) 1,3,5-Trimethylbenzene	12.737	105	18877935m	670.352	ug/l	
84) 1,2,4-Trimethylbenzene	13.036	105	28534345m	1013.017	ug/l	
85) sec-Butylbenzene	13.182	105	14923737	403.805	ug/l #	75
86) p-Isopropyltoluene	13.298	119	8245920	262.753	ug/l	97
89) n-Butylbenzene	13.627	91	12658082	451.254	ug/l #	72

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

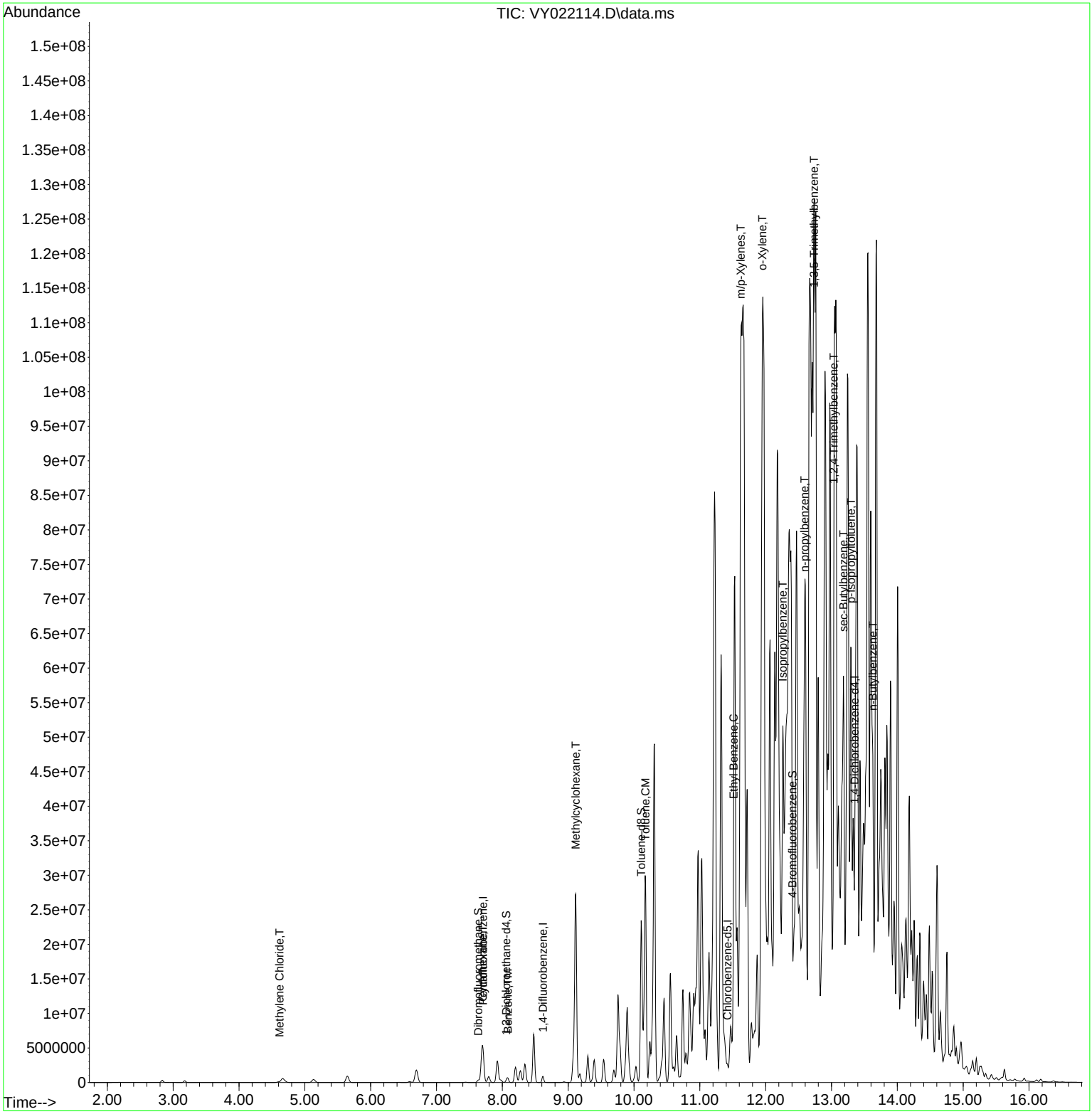
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022114.D
Acq On : 01 May 2025 18:00
Operator : SY/MD
Sample : Q1914-09
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

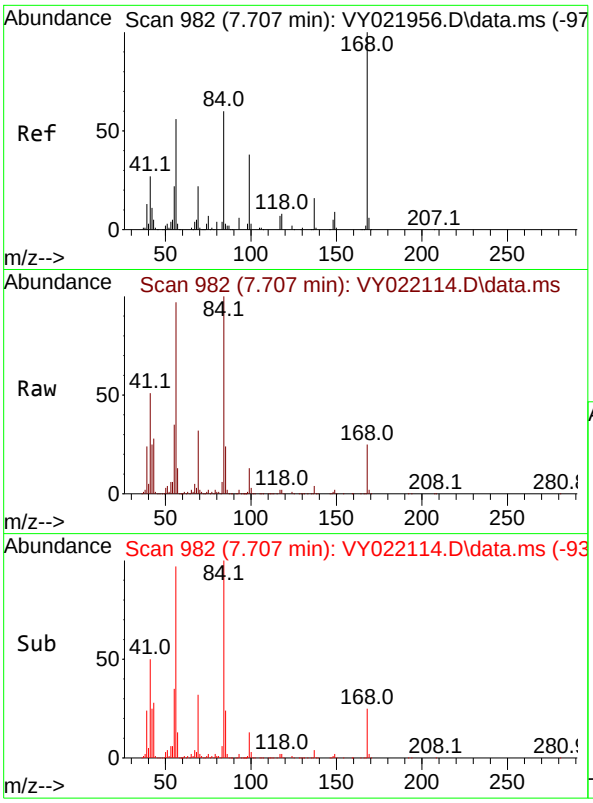
Quant Time: May 02 01:32:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

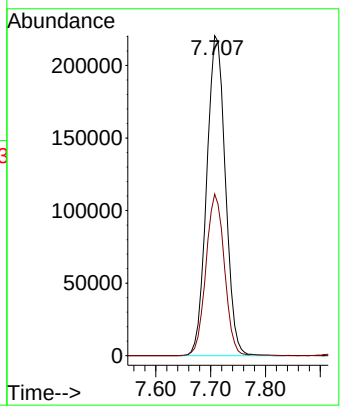




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:168 Resp: 52101

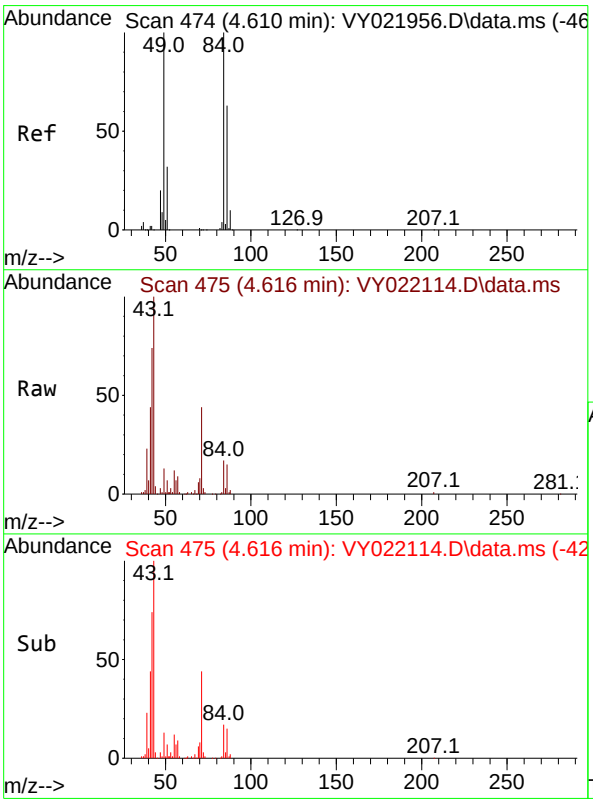
Ion	Ratio	Lower	Upper
168	100		
99	50.5	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

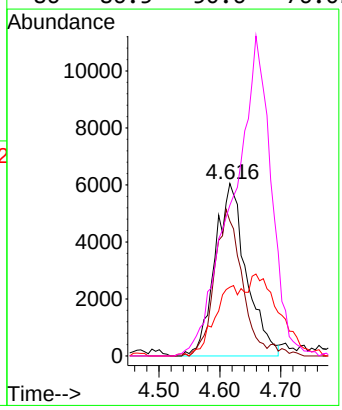
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

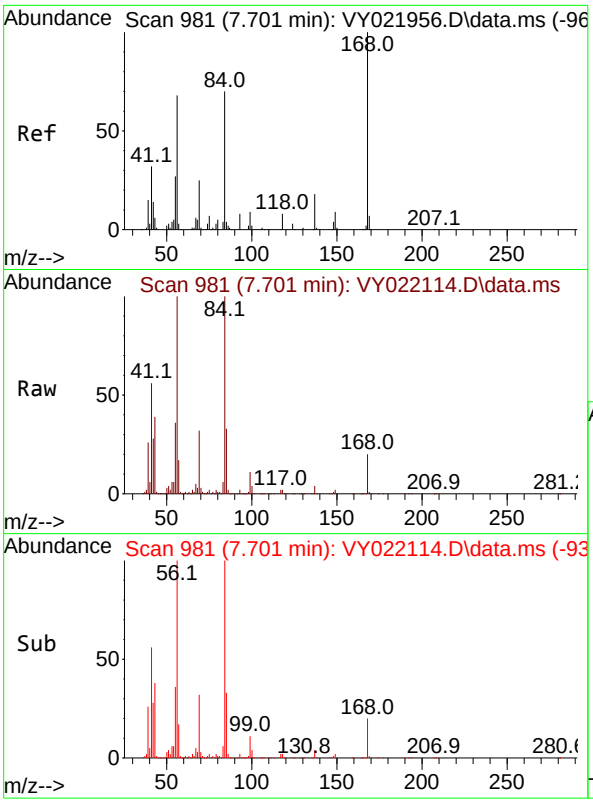


#20
Methylene Chloride
Concen: 3.547 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 84 Resp: 21583

Ion	Ratio	Lower	Upper
84	100		
49	78.2	79.9	119.9#
51	38.9	25.4	38.0#
86	86.5	50.6	76.0#

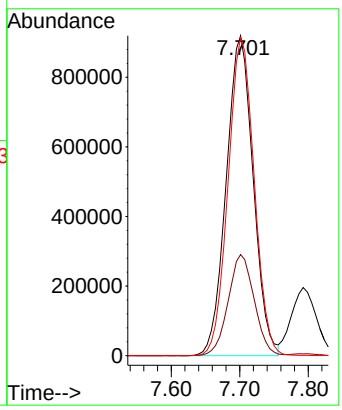




#31
Cyclohexane
Concen: 316.693 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 56 Resp: 251944

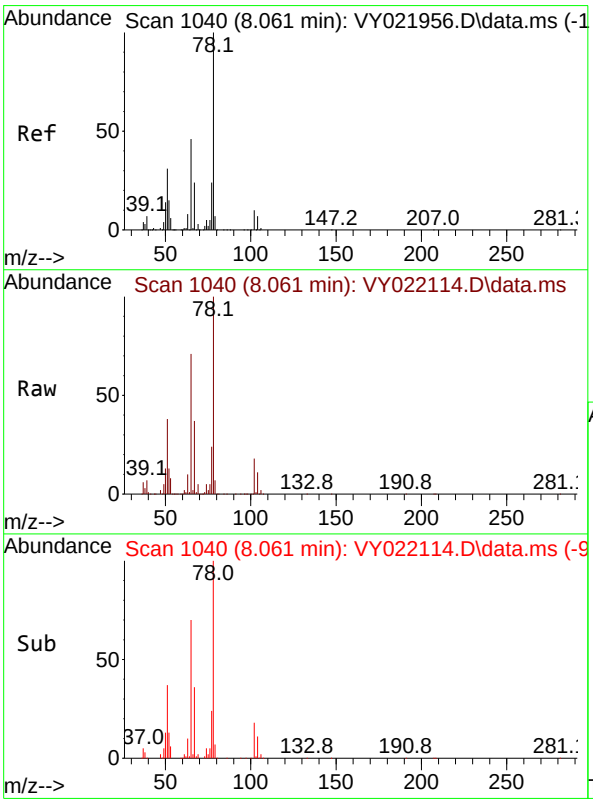
Ion	Ratio	Lower	Upper
56	100		
69	31.6	29.4	44.2
84	99.5	82.2	123.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

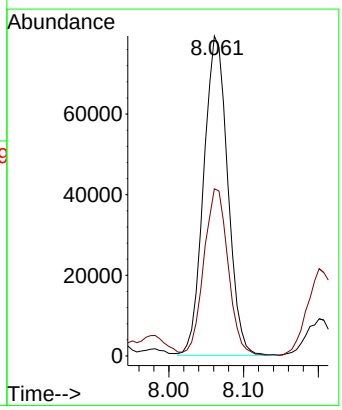
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

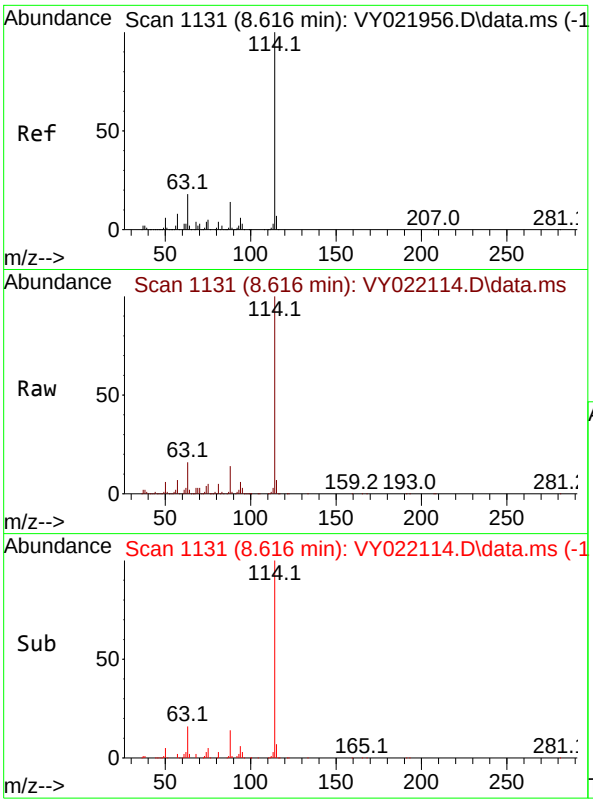


#33
1,2-Dichloroethane-d4
Concen: 36.894 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 65 Resp: 177553

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.8

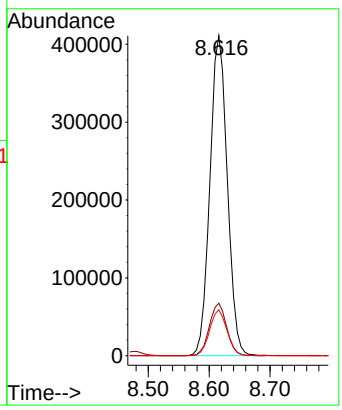




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:114 Resp: 81484

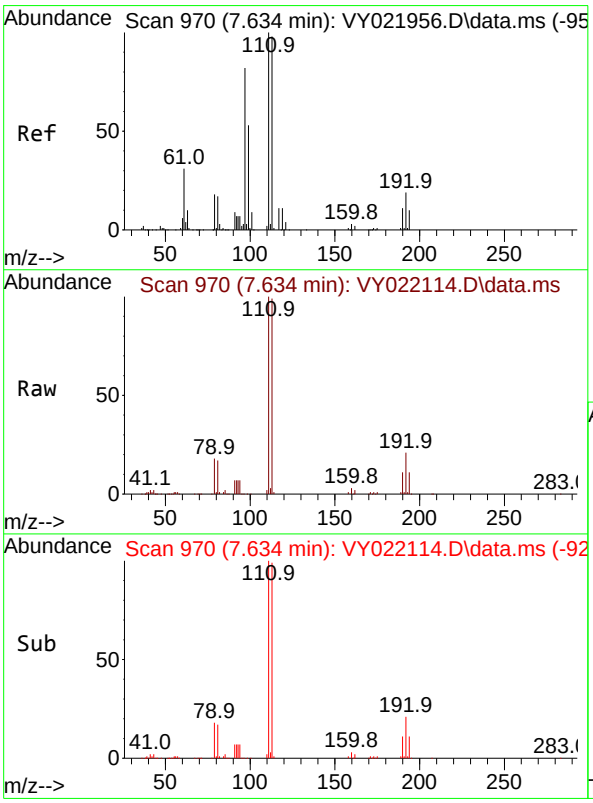
Ion	Ratio	Lower	Upper
114	100		
63	16.4	0.0	35.4
88	14.4	0.0	28.2



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

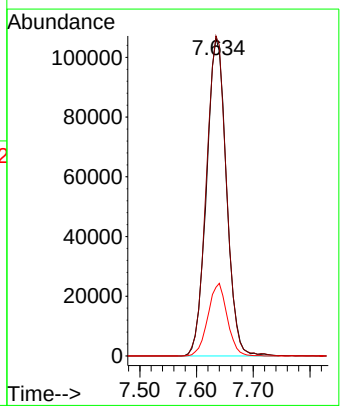
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

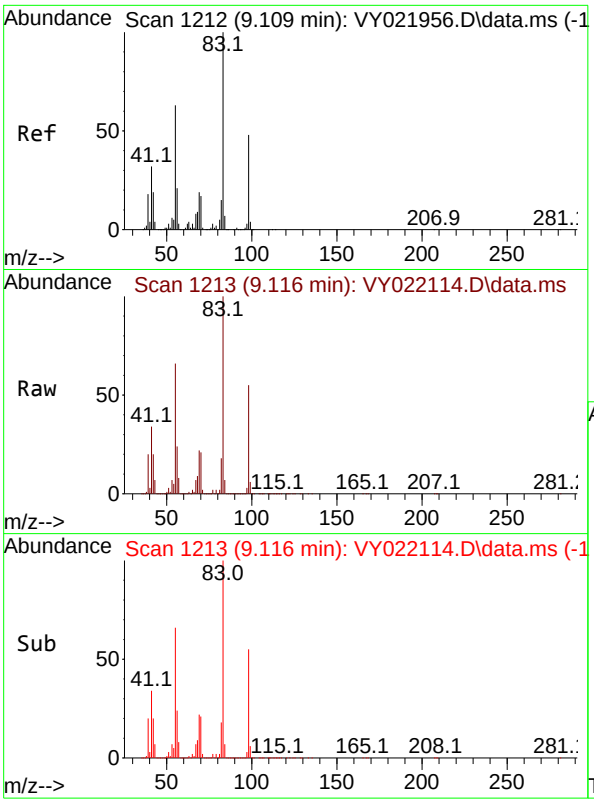


#35
Dibromofluoromethane
Concen: 48.267 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:113 Resp: 259836

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	22.1	15.6	23.4

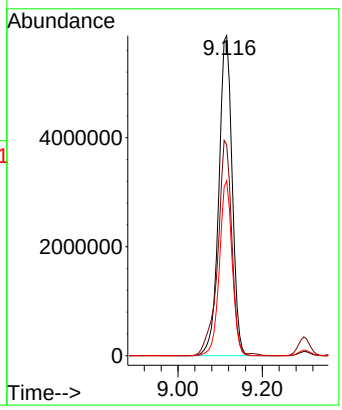




#39
Methylcyclohexane
Concen: 1410.235 ug/l
RT: 9.116 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 83 Resp:1283328

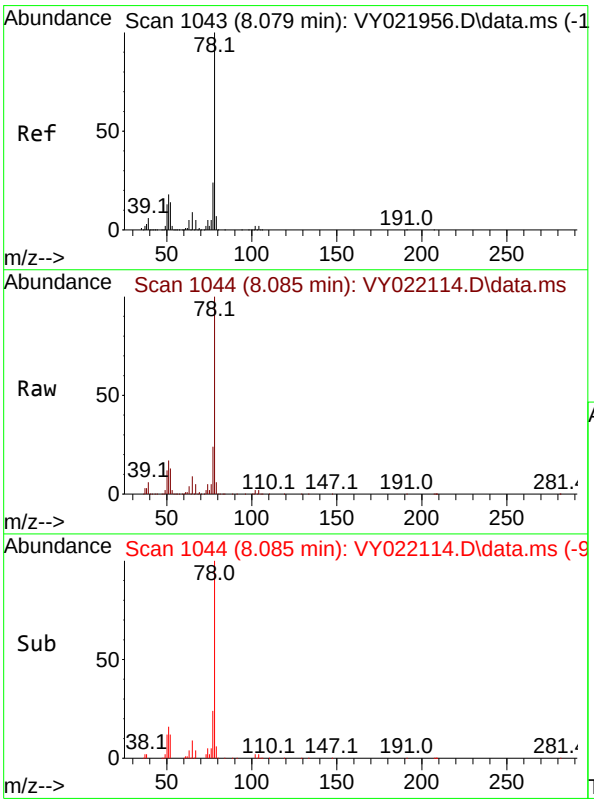
Ion	Ratio	Lower	Upper
83	100		
55	65.9	50.6	75.8
98	54.6	38.6	58.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

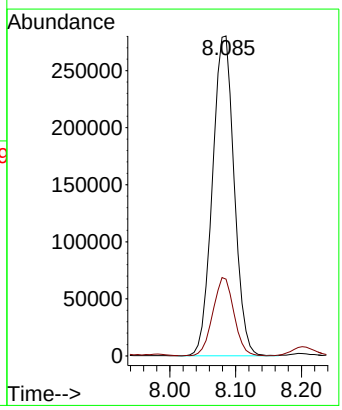
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

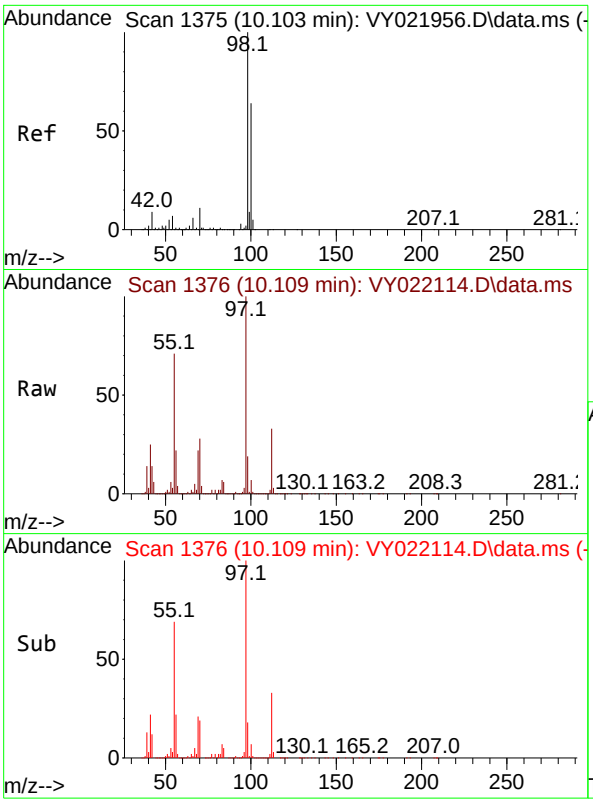


#40
Benzene
Concen: 28.480 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 78 Resp: 643784

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9





#50
Toluene-d8
Concen: 103.831 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

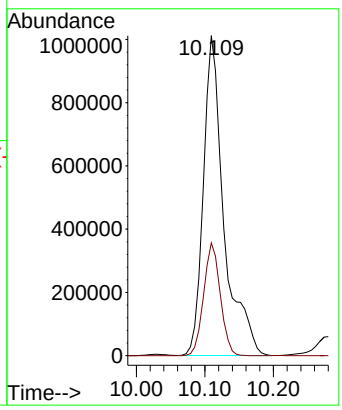
Tgt Ion: 98 Resp: 210726

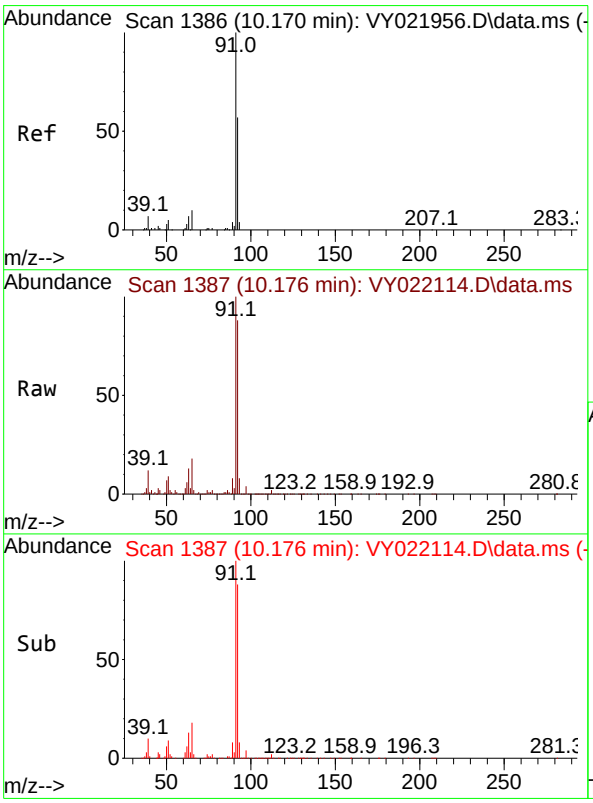
Ion	Ratio	Lower	Upper
98	100		
100	28.5	51.6	77.4#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

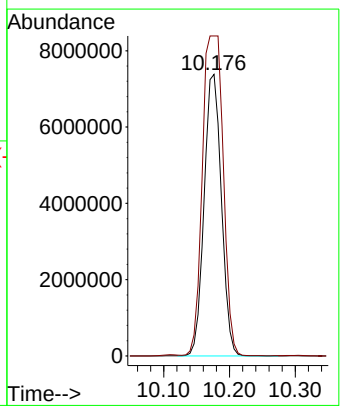


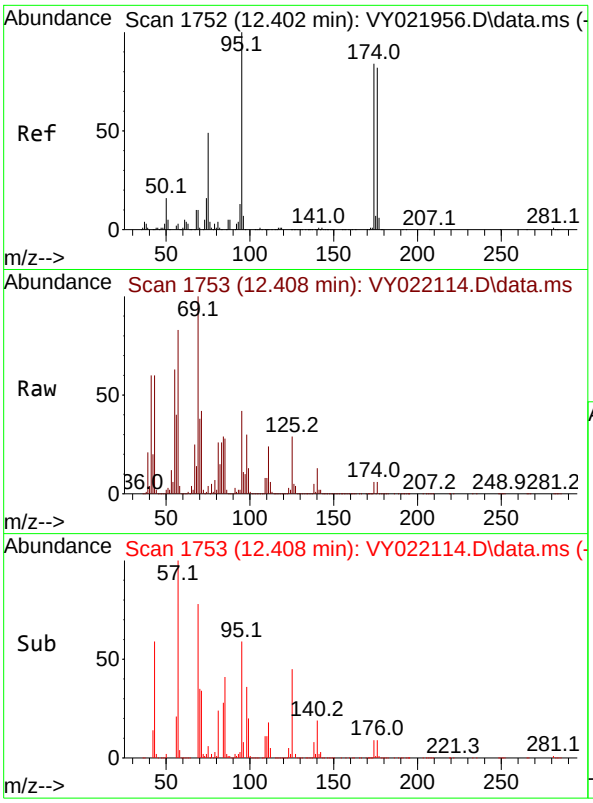


#52
Toluene
Concen: 919.969 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 92 Resp:13461118

Ion	Ratio	Lower	Upper
92	100		
91	137.9	138.6	207.8#

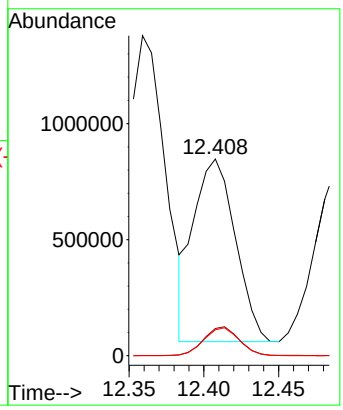




#62
4-Bromofluorobenzene
Concen: 223.683 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 95 Resp: 152823

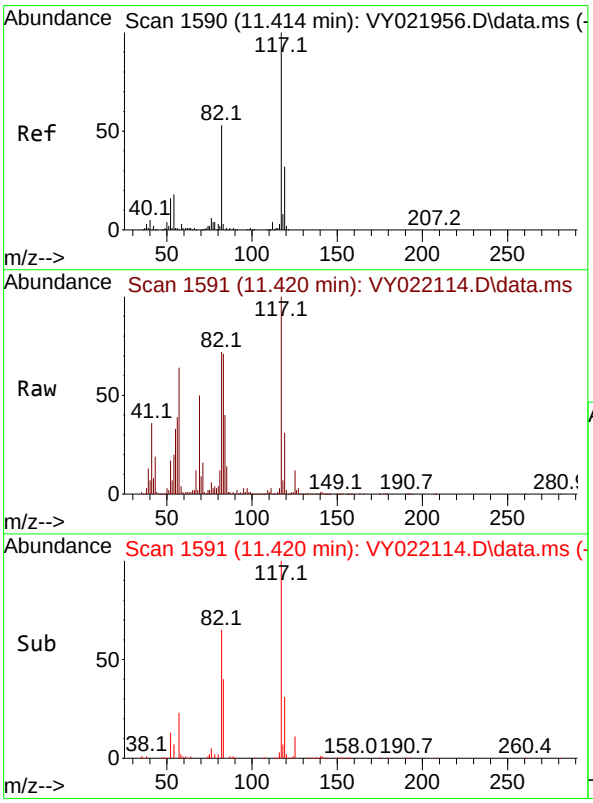
Ion	Ratio	Lower	Upper
95	100		
174	13.6	0.0	179.0
176	13.1	0.0	171.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

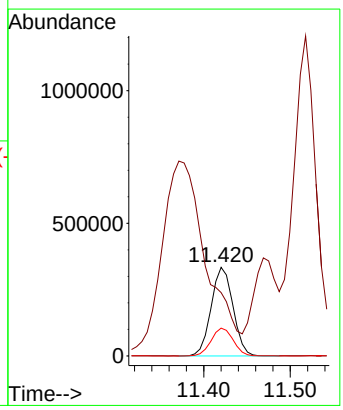
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

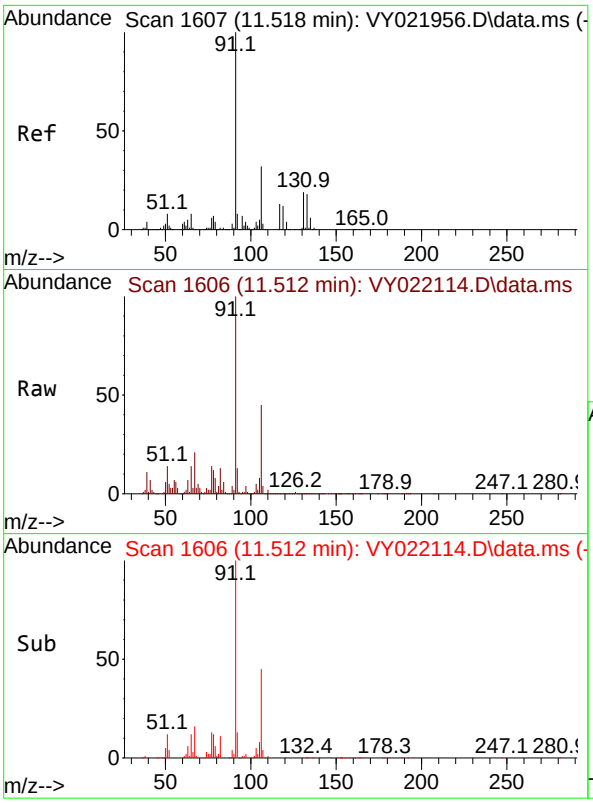


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:117 Resp: 583005

Ion	Ratio	Lower	Upper
117	100		
82	0.0	42.1	63.1#
119	31.4	25.7	38.5

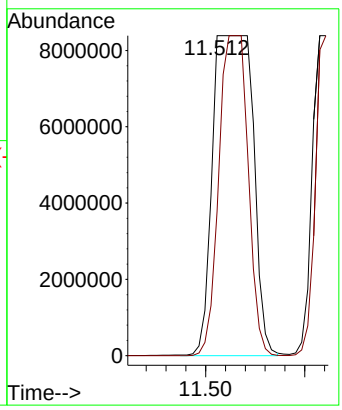




#67
Ethyl Benzene
Concen: 1115.339 ug/l m
RT: 11.512 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 91 Resp:2378708

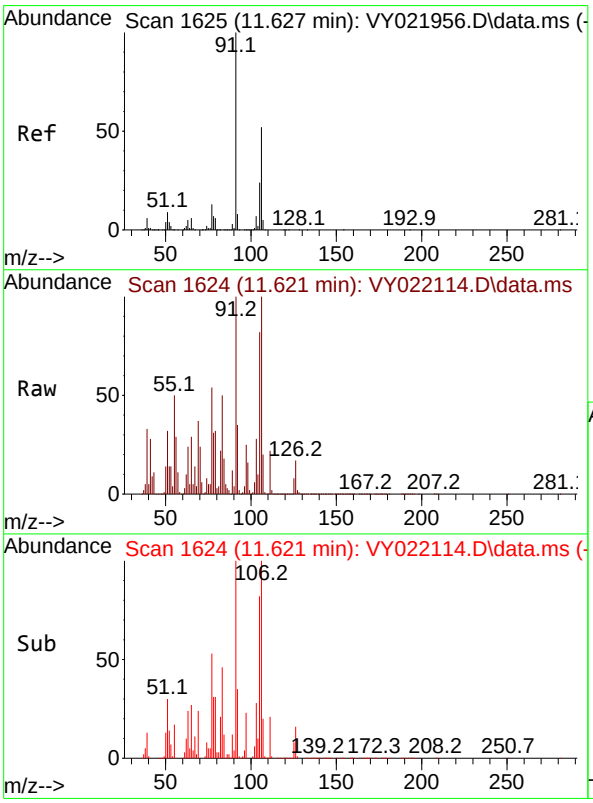
Ion	Ratio	Lower	Upper
91	100		
106	45.1	25.9	38.9#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

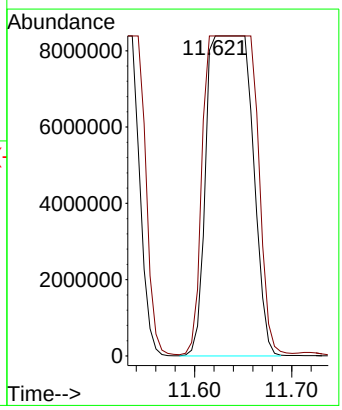
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

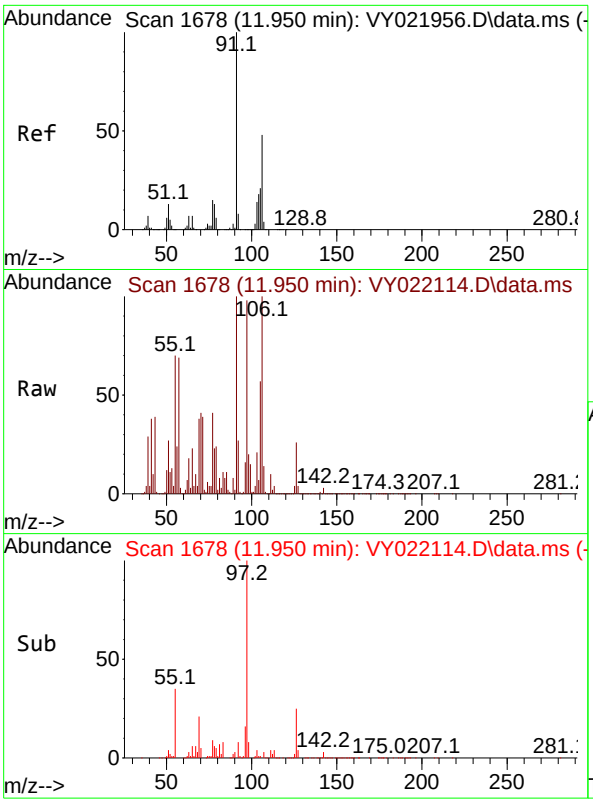


#68
m/p-Xylenes
Concen: 3214.042 ug/l m
RT: 11.621 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:106 Resp:27276221

Ion	Ratio	Lower	Upper
106	100		
91	0.0	156.2	234.2#





#69
o-Xylene
Concen: 2915.500 ug/l m
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

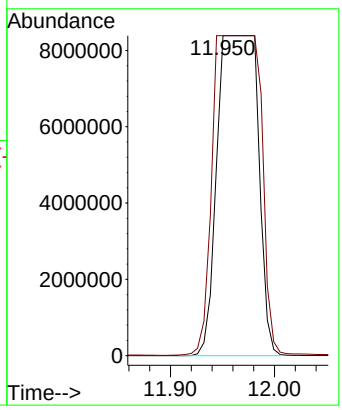
Tgt Ion:106 Resp:2280493

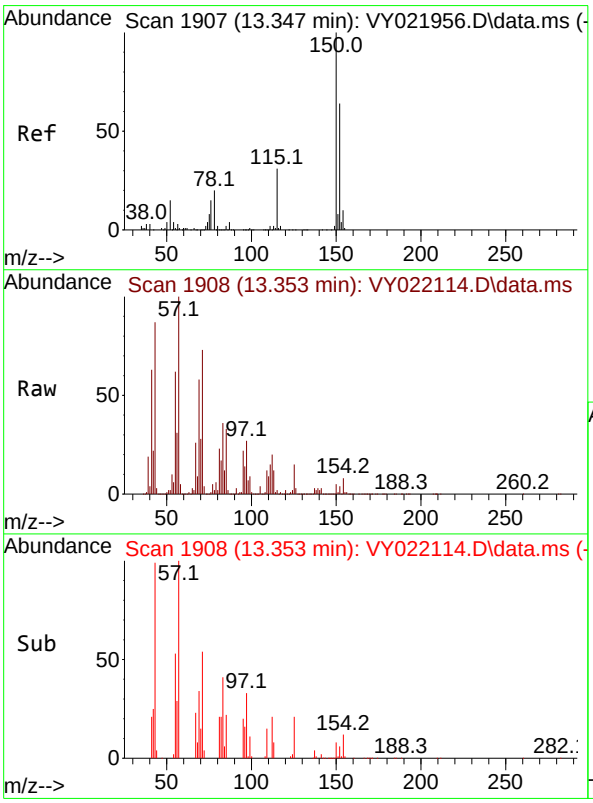
Ion	Ratio	Lower	Upper
106	100		
91	0.0	103.0	308.9#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

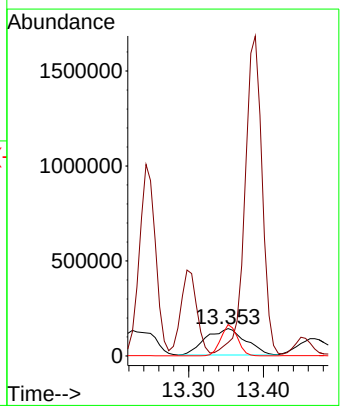


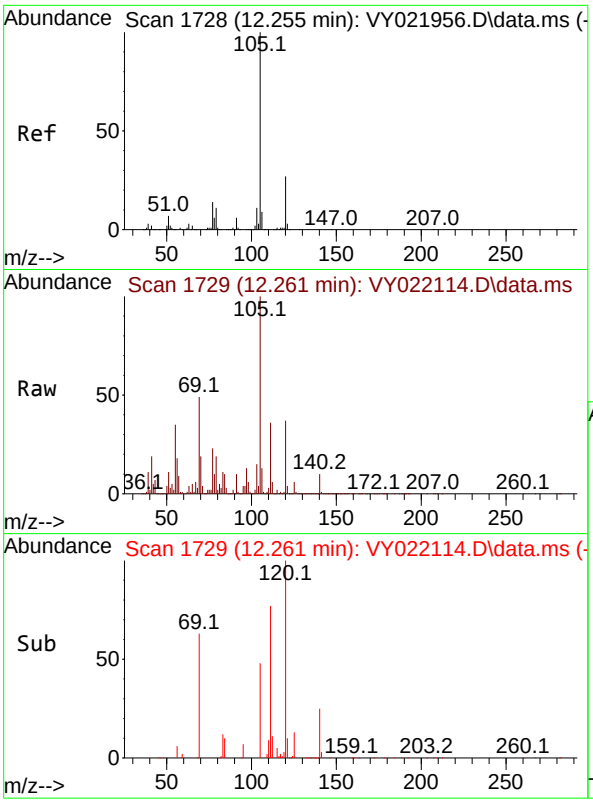


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:152 Resp: 511573

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.0	84.0#
150	50.2	0.0	345.6

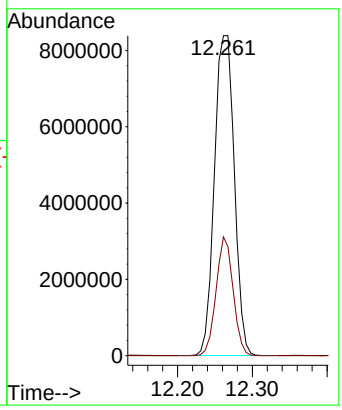




#73
Isopropylbenzene
Concen: 454.561 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:105 Resp:1553619

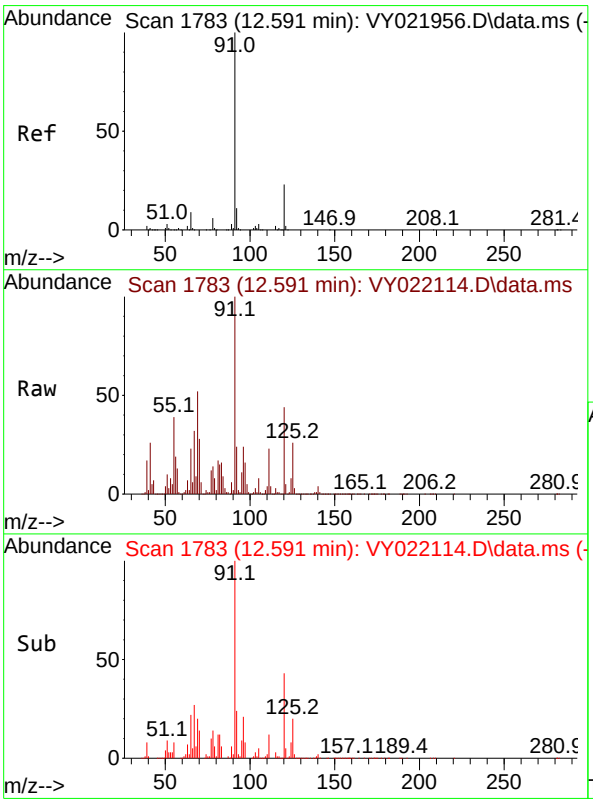
Ion	Ratio	Lower	Upper
105	100		
120	31.8	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

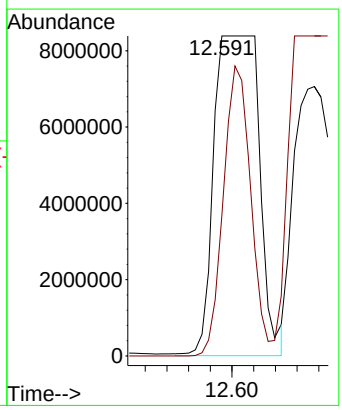
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

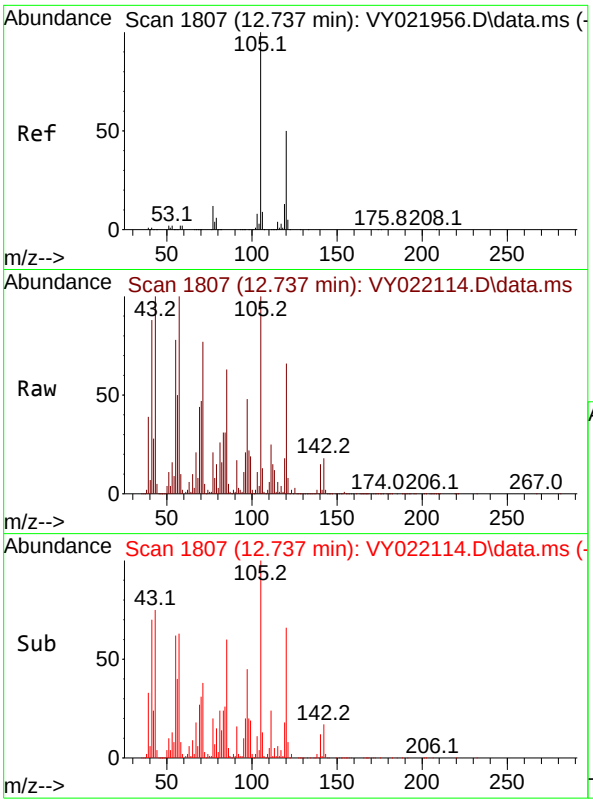


#78
n-propylbenzene
Concen: 595.810 ug/l m
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 91 Resp:24251065

Ion	Ratio	Lower	Upper
91	100		
120	12.5	11.9	35.5





#80
1,3,5-Trimethylbenzene
Concen: 670.352 ug/l m
RT: 12.737 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:105 Resp:1887793

Ion	Ratio	Lower	Upper
105	100		
120	16.1	25.0	75.0#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
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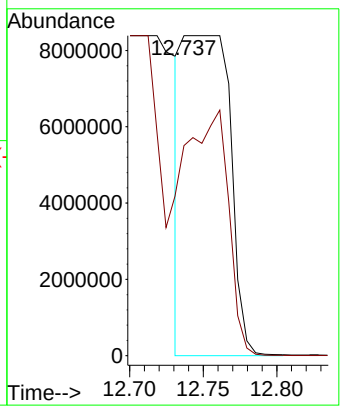
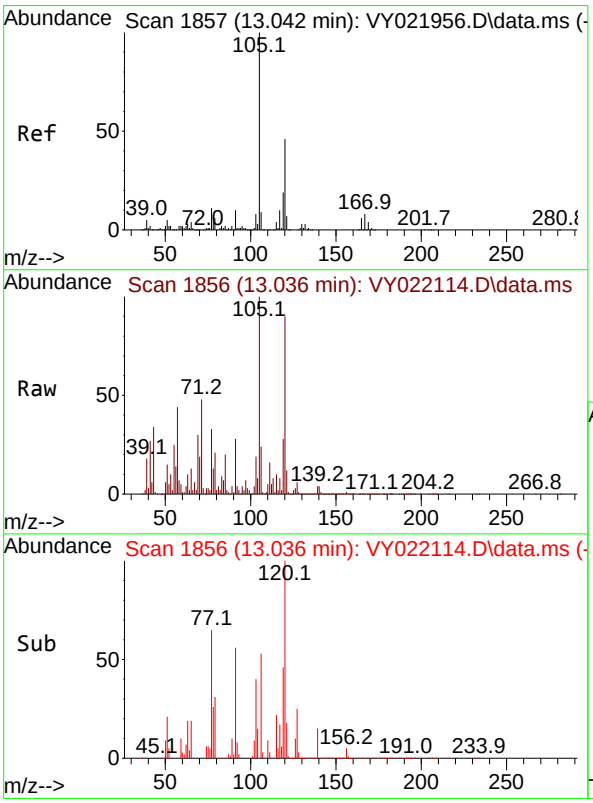
Supervised By :Mahesh Dadoda 05/05/2025

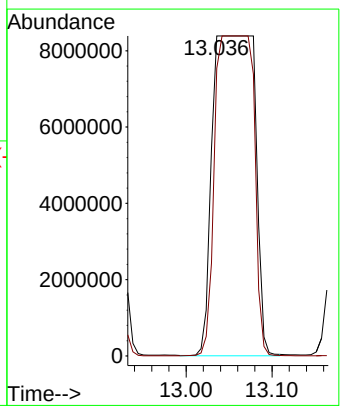


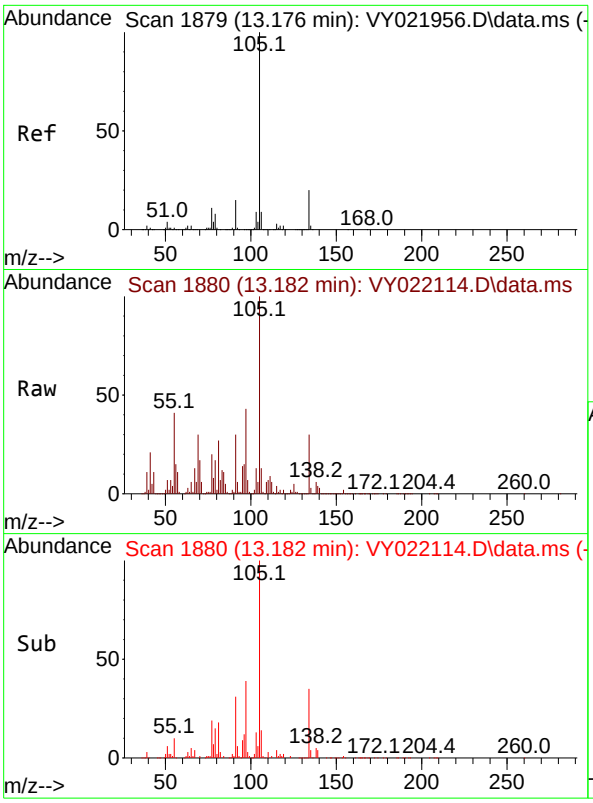


#84
1,2,4-Trimethylbenzene
Concen: 1013.017 ug/l m
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:105 Resp:28534345

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	70.0#

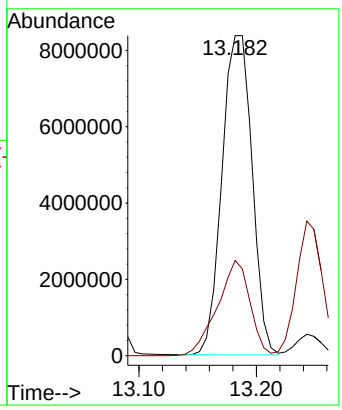




#85
sec-Butylbenzene
Concen: 403.805 ug/l
RT: 13.182 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:105 Resp:1492373

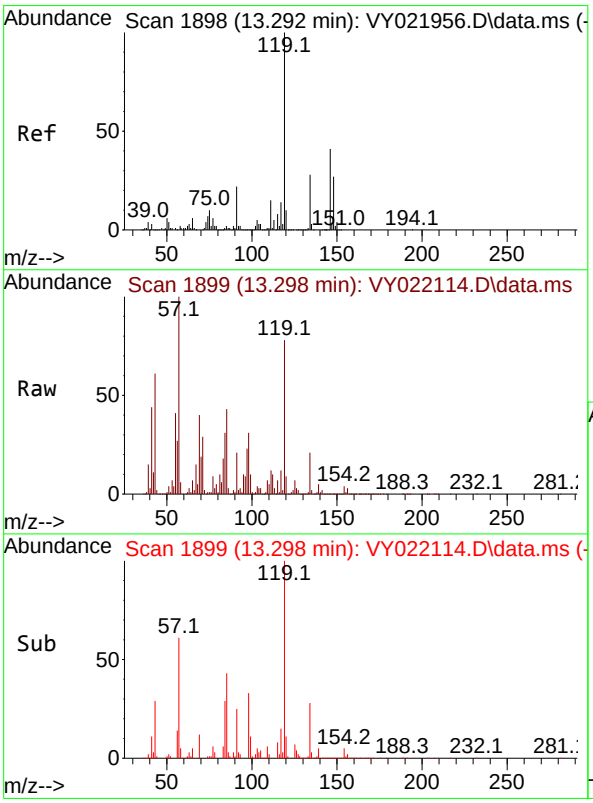
Ion	Ratio	Lower	Upper
105	100		
134	32.1	10.3	30.9#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Manual Integrations
APPROVED

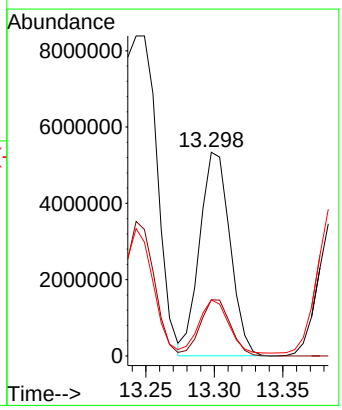
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

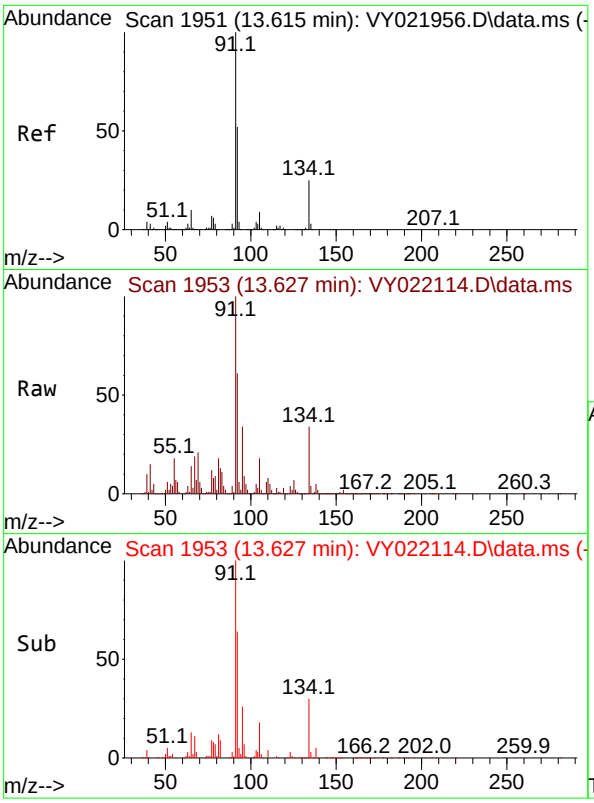


#86
p-Isopropyltoluene
Concen: 262.753 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:119 Resp: 8245920

Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.6	40.7
91	25.2	11.0	33.0

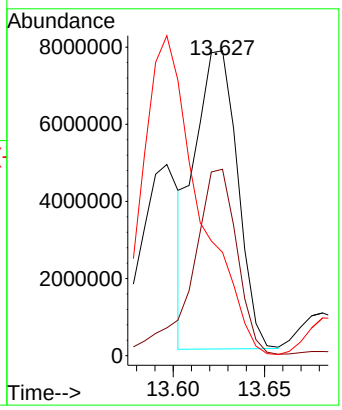




#89
n-Butylbenzene
Concen: 451.254 ug/l
RT: 13.627 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 91 Resp:1265808

Ion	Ratio	Lower	Upper
91	100		
92	64.1	26.5	79.5
134	0.0	13.4	40.1#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8

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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8ME	SDG No.:	Q1914
Lab Sample ID:	Q1914-09ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	8 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086521.D	1		05/06/25 17:48	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	61.4	JD	26.7	170	ug/Kg
108-88-3	Toluene	1200	D	26.4	170	ug/Kg
100-41-4	Ethyl Benzene	2900	D	22.7	170	ug/Kg
1330-20-7	Total Xylenes	16700	ED	69.6	510	ug/Kg
98-82-8	Isopropylbenzene	990	D	26.4	170	ug/Kg
103-65-1	n-propylbenzene	3000	D	24.7	170	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5100	ED	27.7	170	ug/Kg
98-06-6	tert-Butylbenzene	170	UD	22.7	170	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	18300	ED	21.6	170	ug/Kg
135-98-8	sec-Butylbenzene	1300	D	22.3	170	ug/Kg
99-87-6	p-Isopropyltoluene	940	D	21.0	170	ug/Kg
104-51-8	n-Butylbenzene	2400	D	49.0	170	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.8		63 - 155	92%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	52.7		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		38 - 136	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	203000	8.218			
540-36-3	1,4-Difluorobenzene	380000	9.094			
3114-55-4	Chlorobenzene-d5	349000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	167000	13.788			

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_N\Data\VN050625\
Data File : VN086521.D
Acq On : 06 May 2025 17:48
Operator : JC\MD
Sample : Q1914-09ME
Misc : 8.00g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Quant Time: May 07 02:57:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

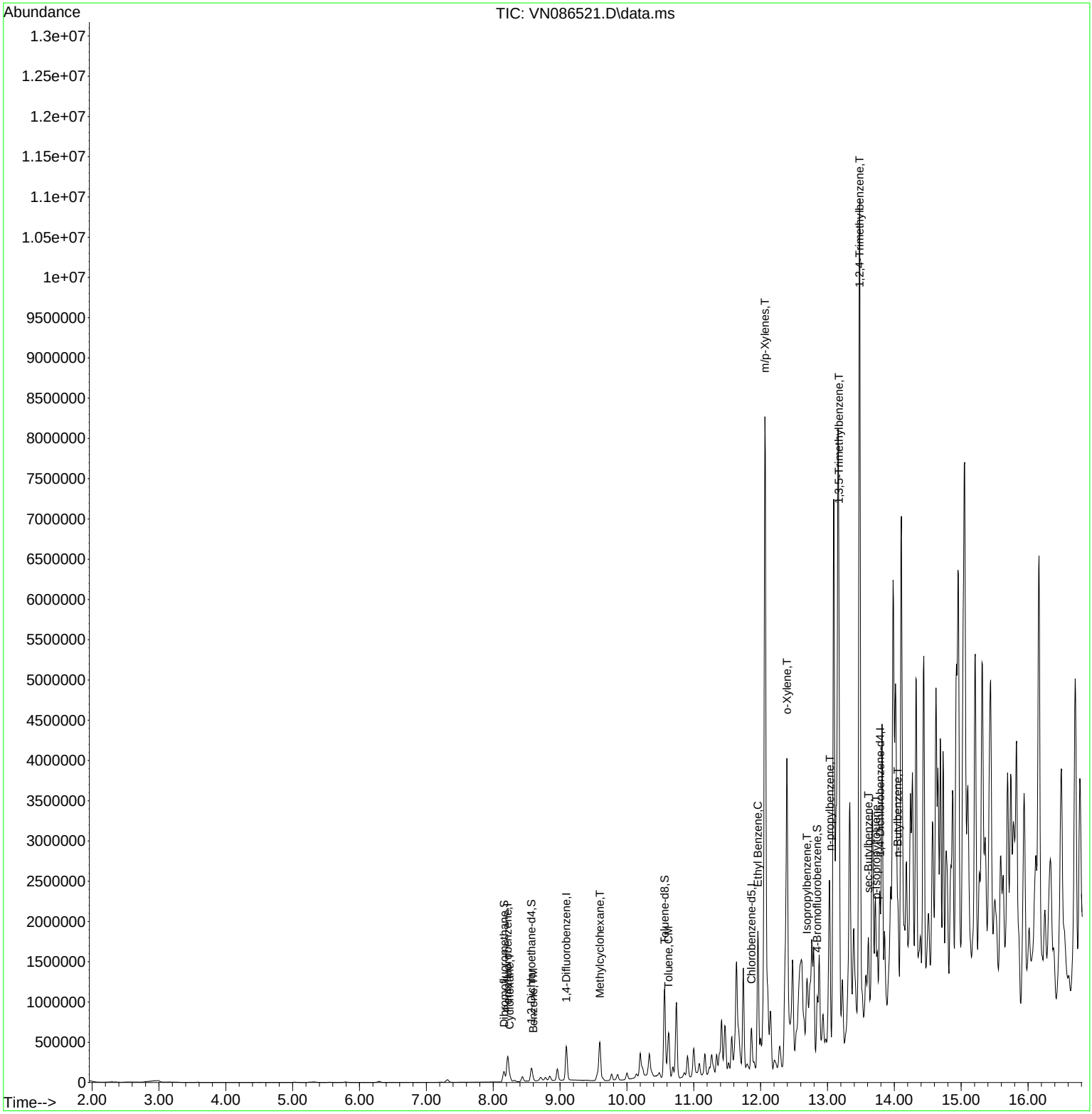
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	202938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	380050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	134777	45.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.600%			
35) Dibromofluoromethane	8.165	113	96495	54.707	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.420%			
50) Toluene-d8	10.565	98	496637	52.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.847	95	181138	52.681	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.360%			
Target Compounds						Qvalue
31) Cyclohexane	8.247	56	46558	9.763	ug/l	97
39) Methylcyclohexane	9.594	83	222725	53.188	ug/l	98
40) Benzene	8.600	78	20484	1.815	ug/l	99
52) Toluene	10.624	92	248064	35.221	ug/l	99
67) Ethyl Benzene	11.959	91	1193226	84.847	ug/l	98
68) m/p-Xylenes	12.065	106	1669102	316.751	ug/l	94
69) o-Xylene	12.394	106	924644	177.435	ug/l	99
73) Isopropylbenzene	12.694	105	398999	29.143	ug/l	98
78) n-propylbenzene	13.035	91	1412818	87.574	ug/l	94
80) 1,3,5-Trimethylbenzene	13.171	105	1689446	150.768	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	6179823	541.792	ug/l	97
85) sec-Butylbenzene	13.612	105	518186	38.477	ug/l	83
86) p-Isopropyltoluene	13.729	119	307625	27.712	ug/l	98
89) n-Butylbenzene	14.053	91	705374	71.689	ug/l #	83

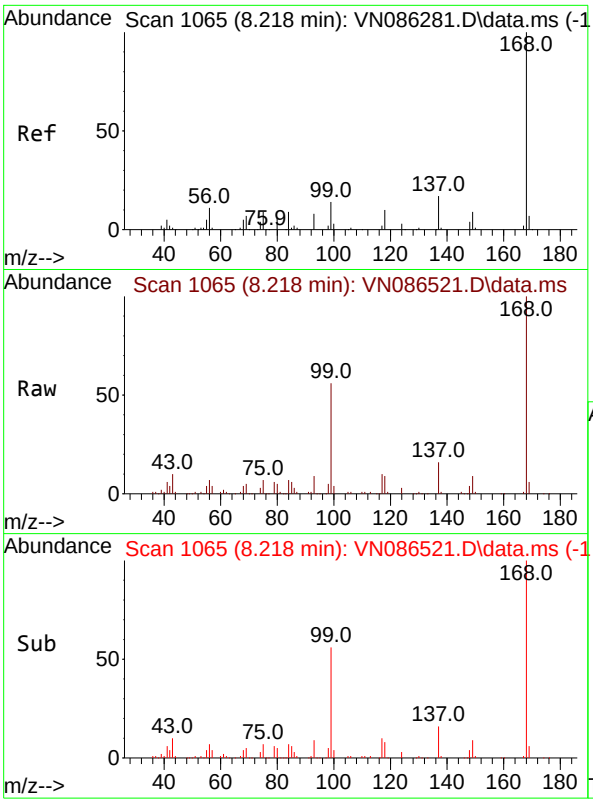
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086521.D
Acq On : 06 May 2025 17:48
Operator : JC\MD
Sample : Q1914-09ME
Misc : 8.00g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Quant Time: May 07 02:57:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



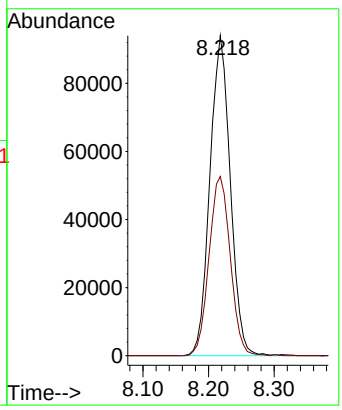


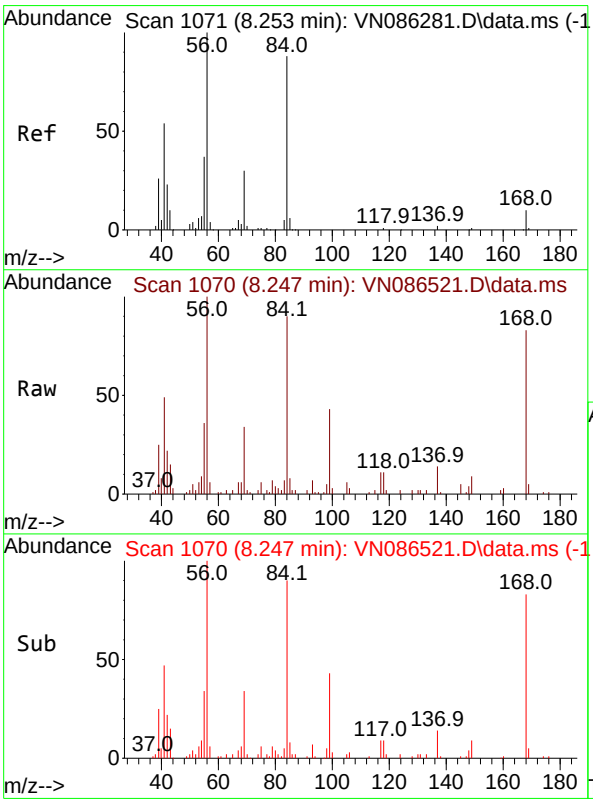
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion:168 Resp: 202938

Ion	Ratio	Lower	Upper
168	100		
99	56.0	52.5	78.7

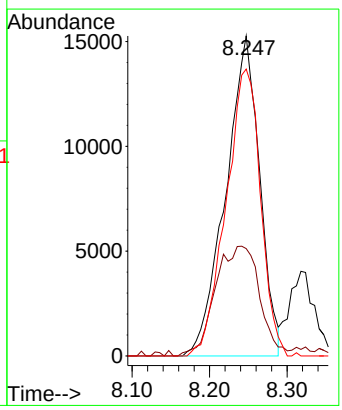


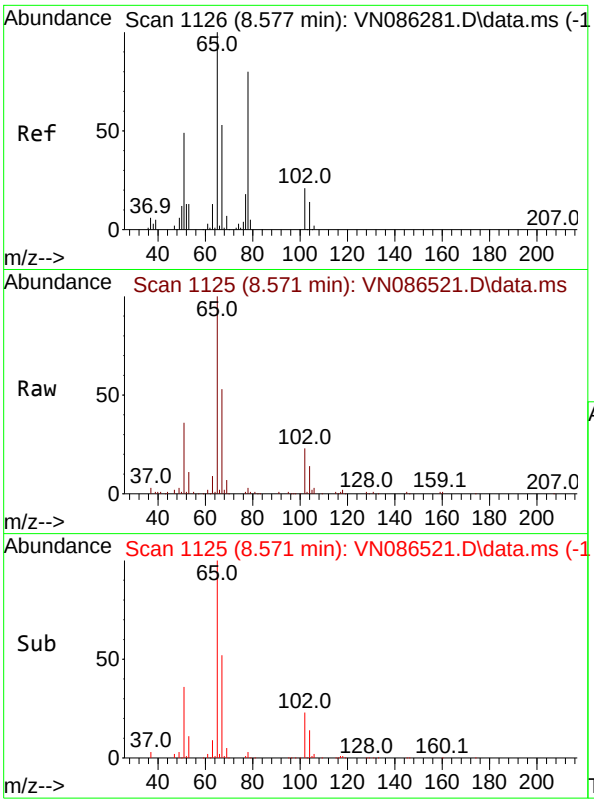


#31
Cyclohexane
Concen: 9.763 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 56 Resp: 46558

Ion	Ratio	Lower	Upper
56	100		
69	33.6	24.2	36.2
84	89.7	70.3	105.5



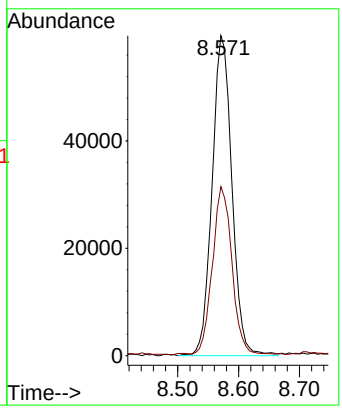


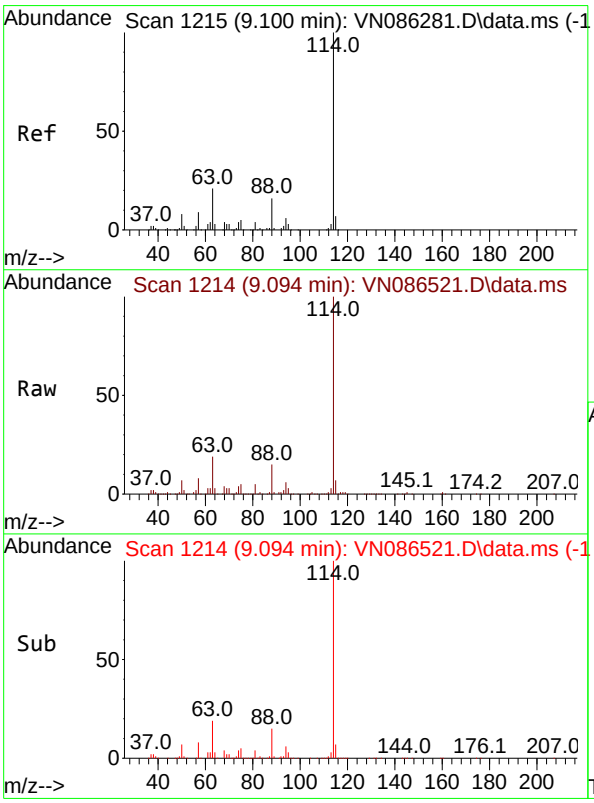
#33
1,2-Dichloroethane-d4
Concen: 45.799 ug/l
RT: 8.571 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion: 65 Resp: 134777

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	106.0

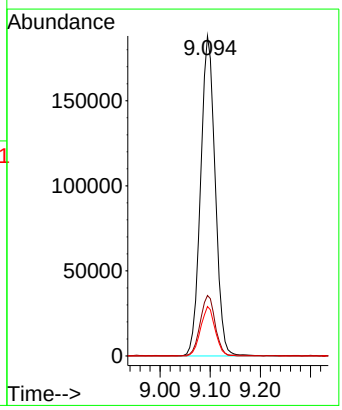


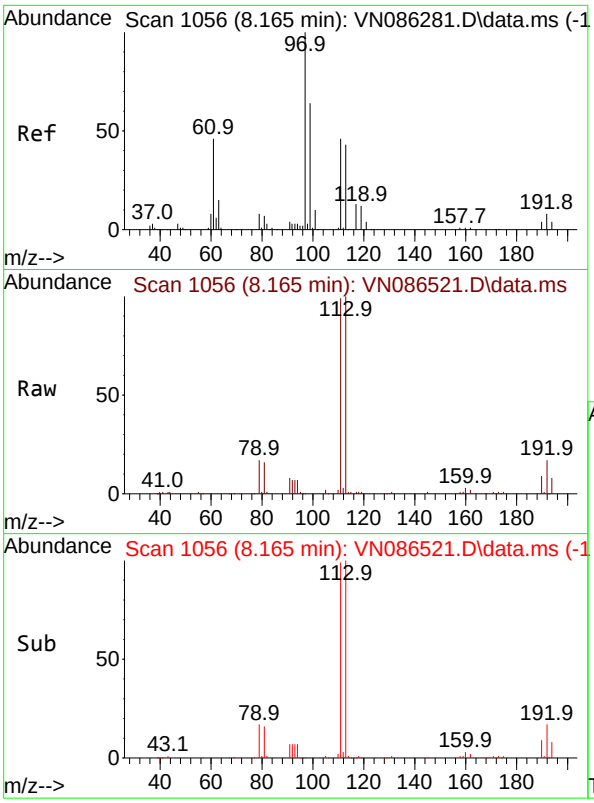


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:114 Resp: 380050

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	42.6
88	15.4	0.0	31.8



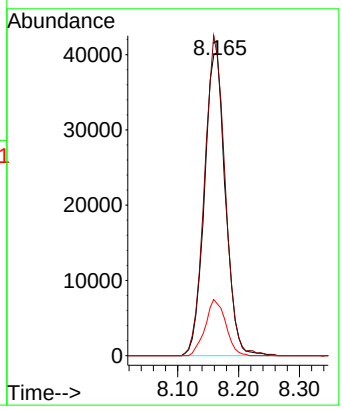


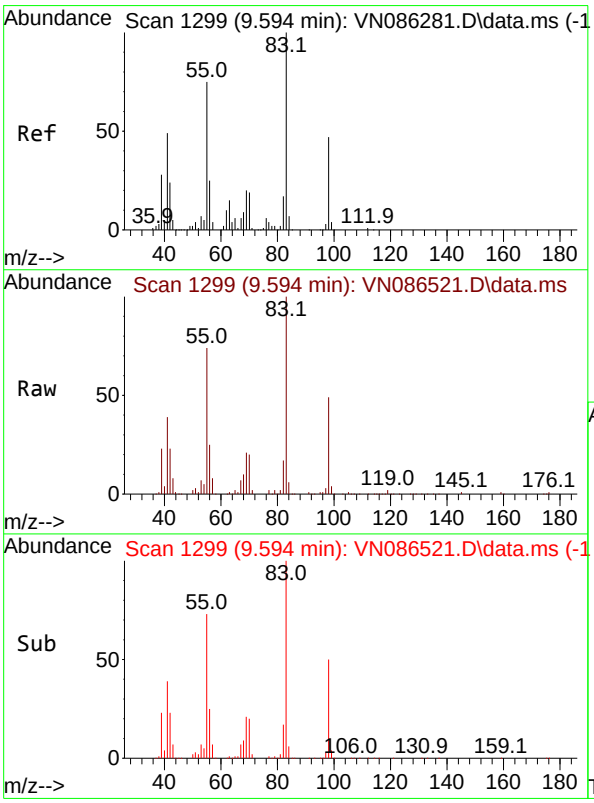
#35
Dibromofluoromethane
Concen: 54.707 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion:113 Resp: 96495

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.0
192	18.0	13.7	20.5

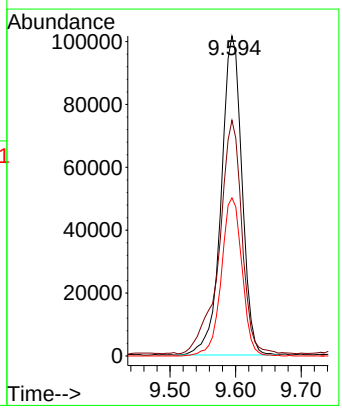


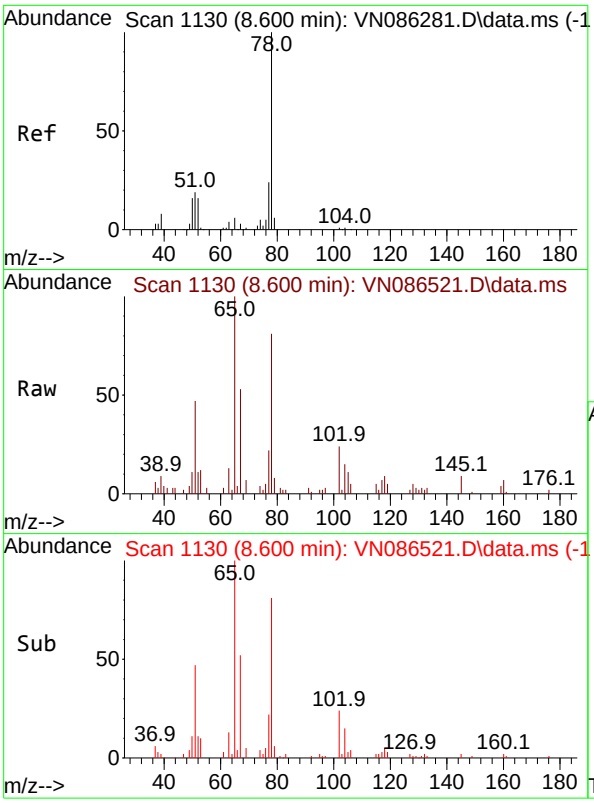


#39
Methylcyclohexane
Concen: 53.188 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 83 Resp: 222725

Ion	Ratio	Lower	Upper
83	100		
55	73.2	59.8	89.8
98	49.5	37.9	56.9



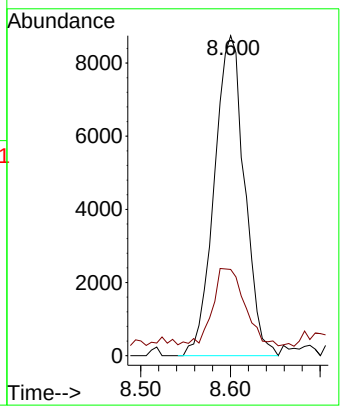


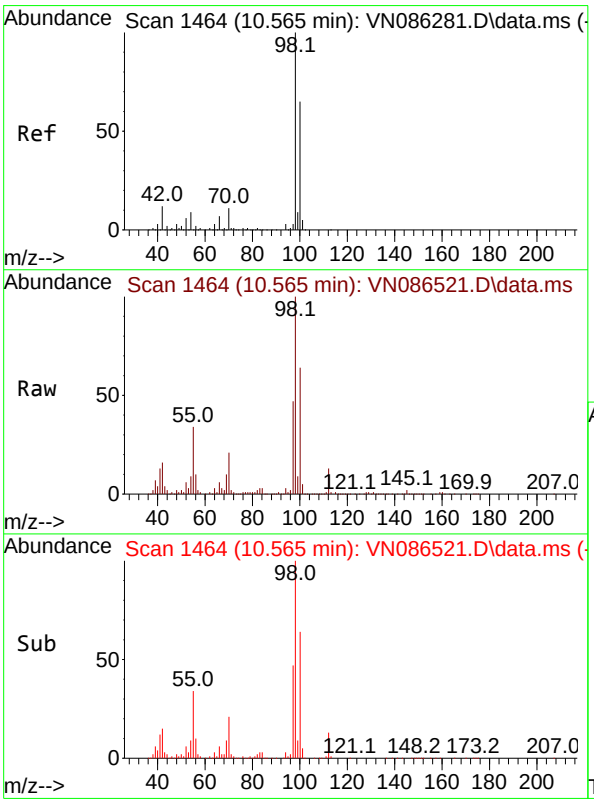
#40
Benzene
Concen: 1.815 ug/l
RT: 8.600 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion: 78 Resp: 20484

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2

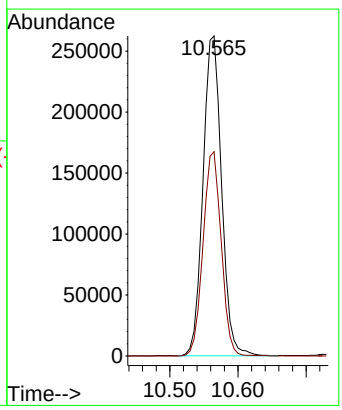


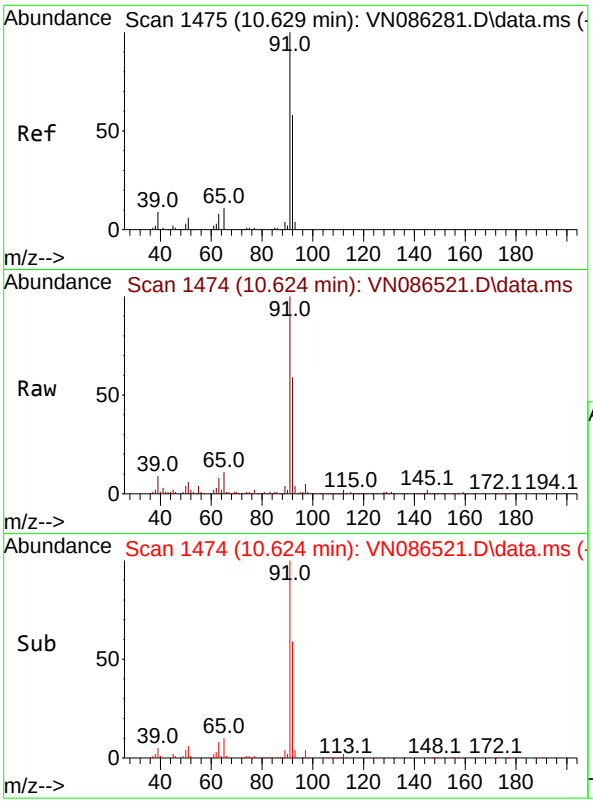


#50
Toluene-d8
Concen: 52.683 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 98 Resp: 496637

Ion	Ratio	Lower	Upper
98	100		
100	62.4	52.5	78.7



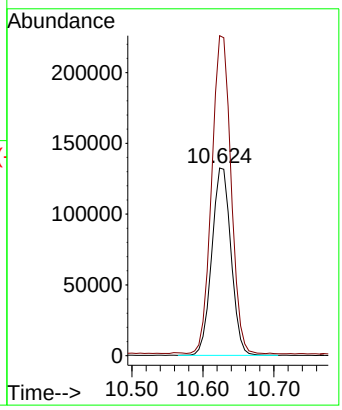


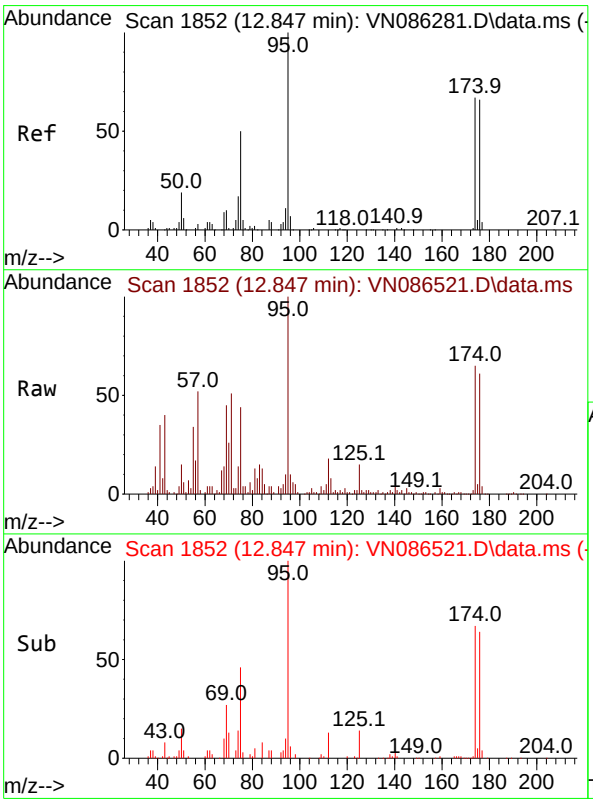
#52
Toluene
Concen: 35.221 ug/l
RT: 10.624 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion: 92 Resp: 248064

Ion	Ratio	Lower	Upper
92	100		
91	170.5	137.3	205.9

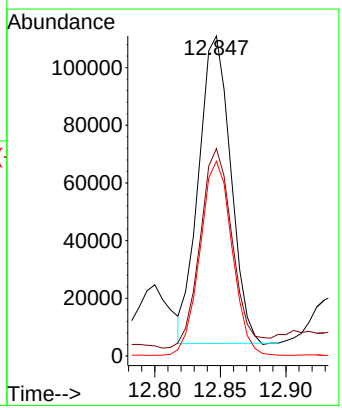


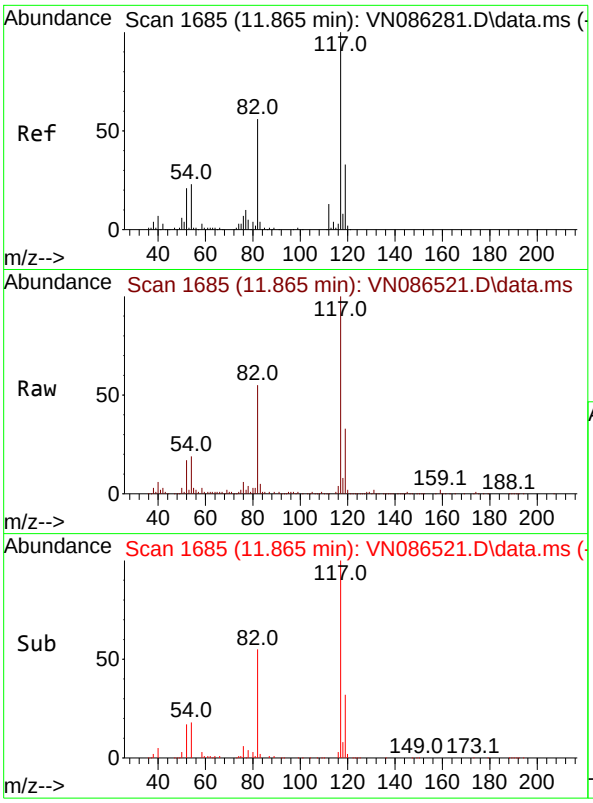


#62
4-Bromofluorobenzene
Concen: 52.681 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 95 Resp: 181138

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	133.4
176	63.0	0.0	129.2



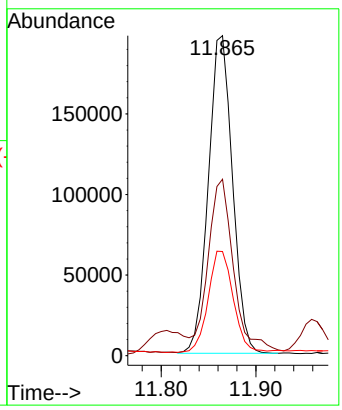


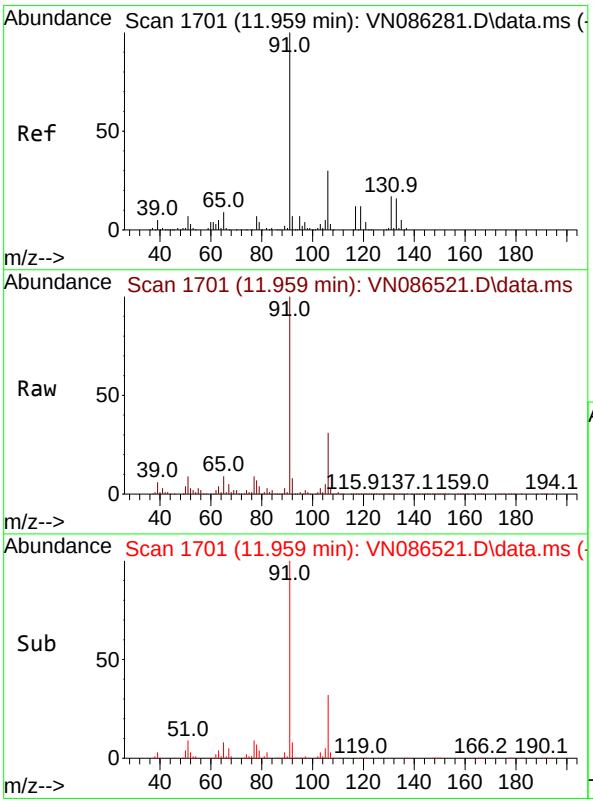
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion:117 Resp: 349216

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.7	67.1
119	31.8	26.4	39.6

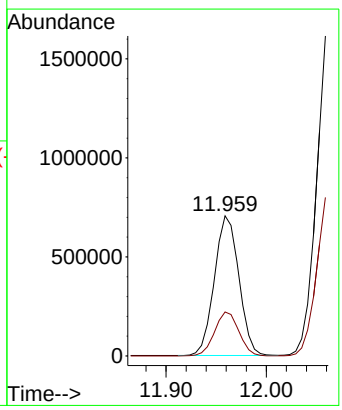


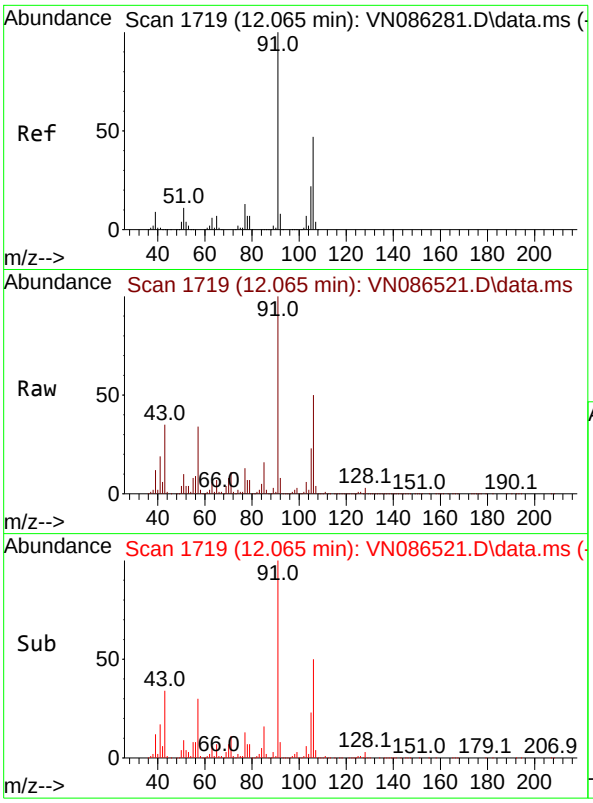


#67
Ethyl Benzene
Concen: 84.847 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 91 Resp: 1193226

Ion	Ratio	Lower	Upper
91	100		
106	31.5	24.3	36.5



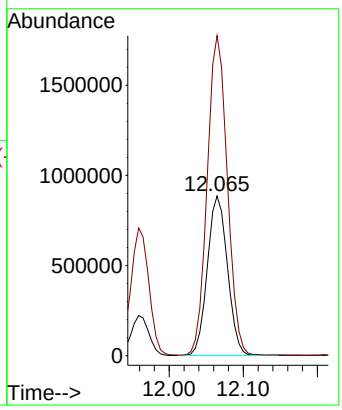


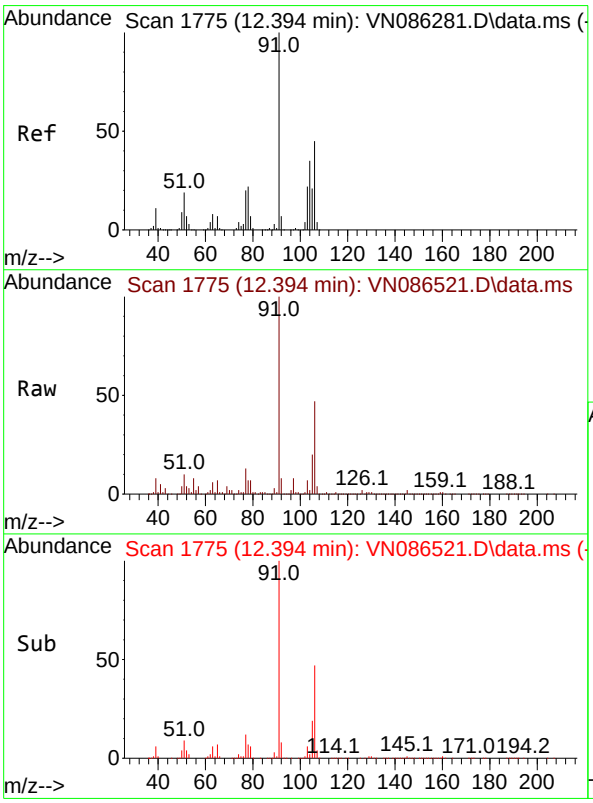
#68
m/p-Xylenes
Concen: 316.751 ug/l
RT: 12.065 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion:106 Resp: 1669102

Ion	Ratio	Lower	Upper
106	100		
91	199.5	166.5	249.7

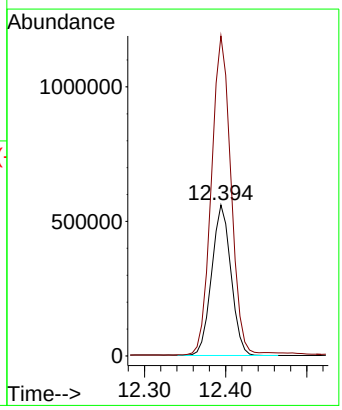


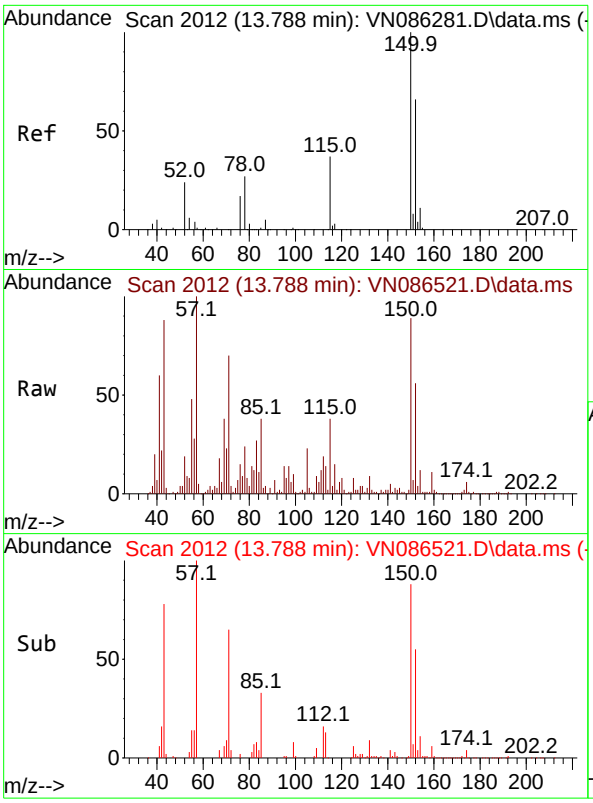


#69
o-Xylene
Concen: 177.435 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:106 Resp: 924644

Ion	Ratio	Lower	Upper
106	100		
91	218.4	109.7	329.0



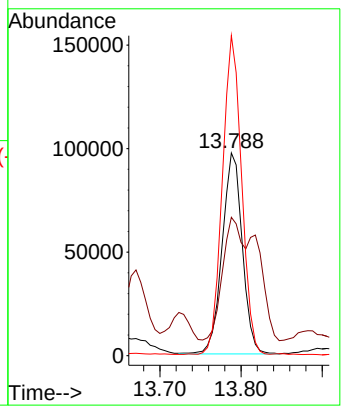


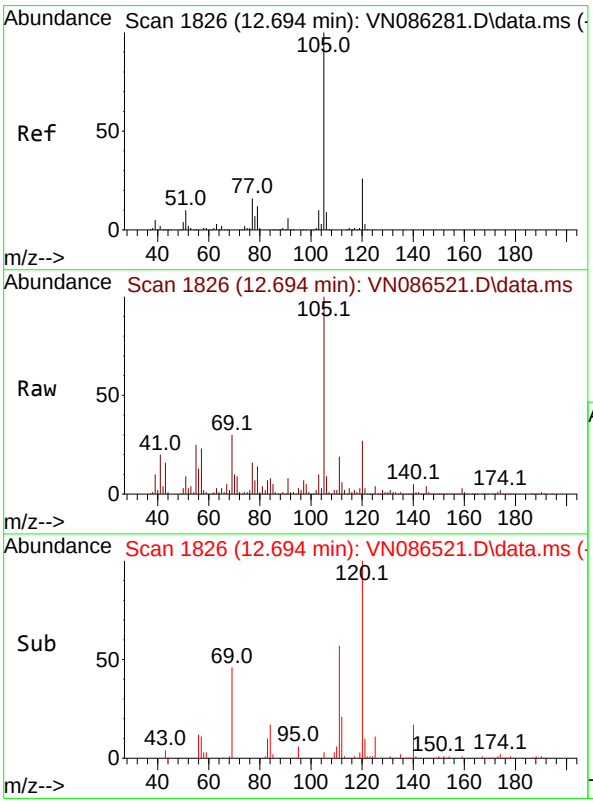
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion:152 Resp: 167366

Ion	Ratio	Lower	Upper
152	100		
115	64.7	31.9	95.9
150	151.0	0.0	352.0

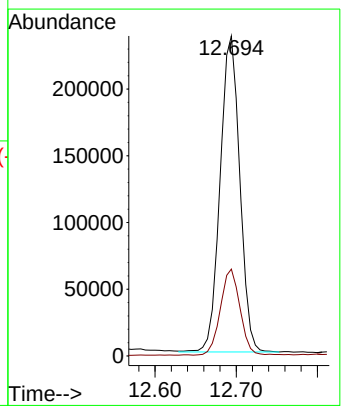


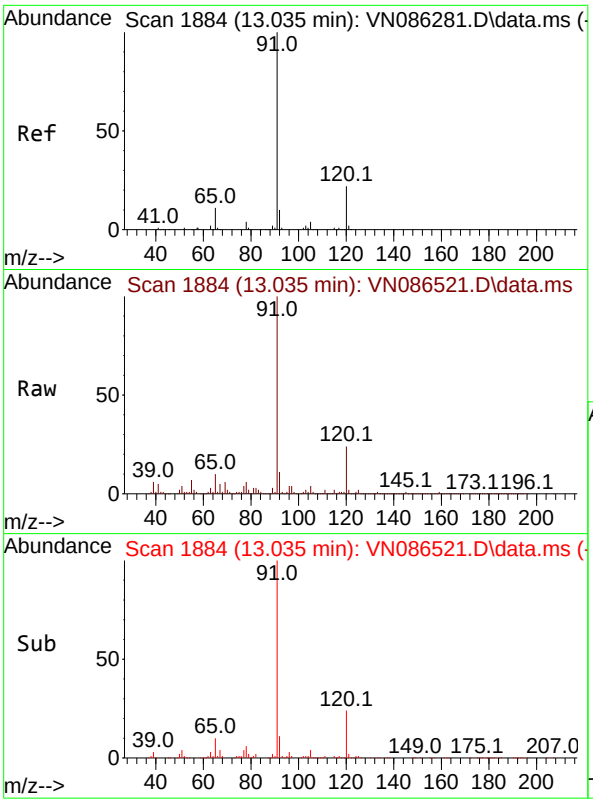


#73
Isopropylbenzene
Concen: 29.143 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:105 Resp: 398999

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.1	39.3



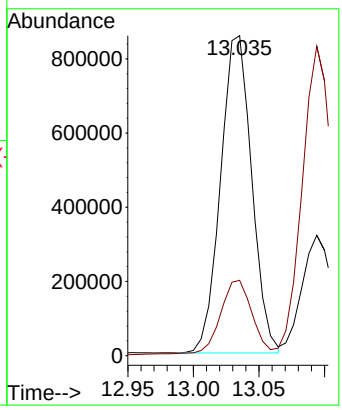


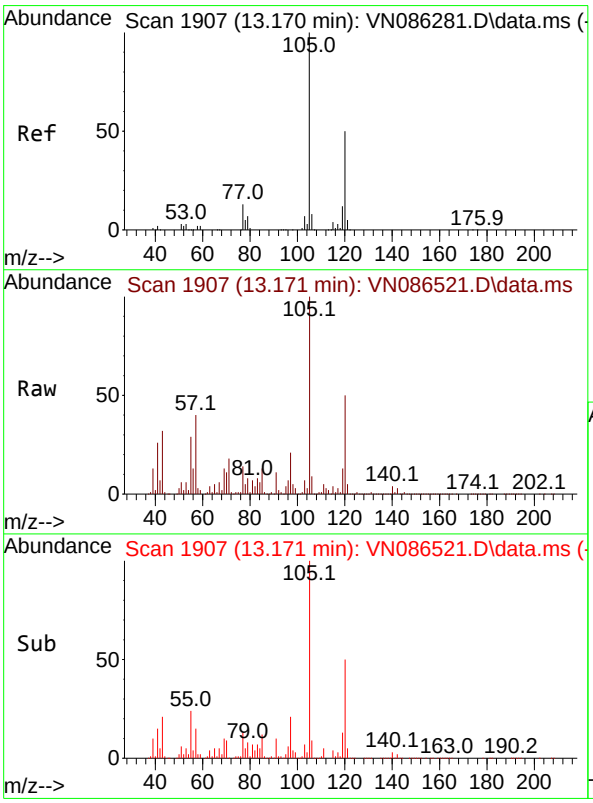
#78
n-propylbenzene
Concen: 87.574 ug/l
RT: 13.035 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion: 91 Resp: 1412818

Ion	Ratio	Lower	Upper
91	100		
120	25.0	11.1	33.3

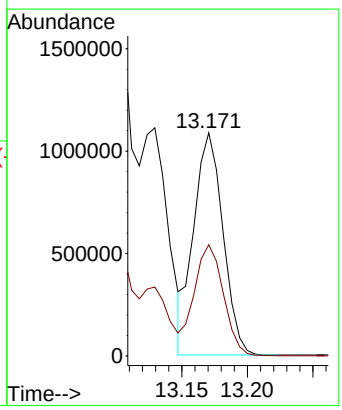


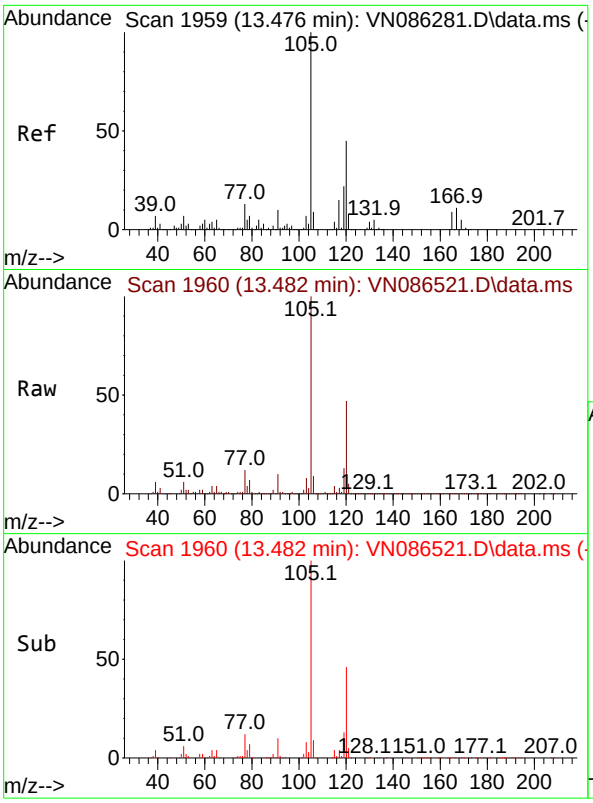


#80
1,3,5-Trimethylbenzene
Concen: 150.768 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:105 Resp: 1689446

Ion	Ratio	Lower	Upper
105	100		
120	50.0	24.5	73.5



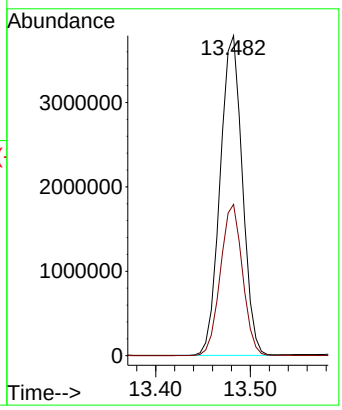


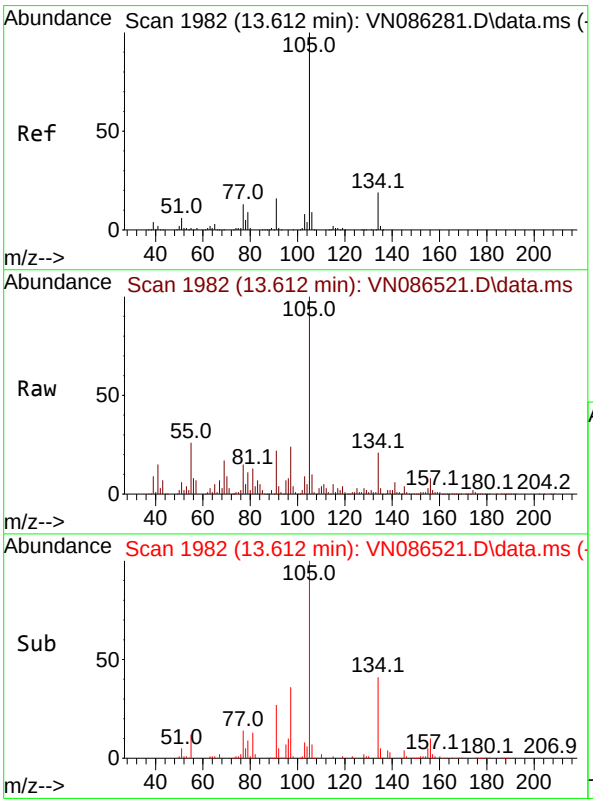
#84
1,2,4-Trimethylbenzene
Concen: 541.792 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion:105 Resp: 6179823

Ion	Ratio	Lower	Upper
105	100		
120	47.2	22.4	67.3

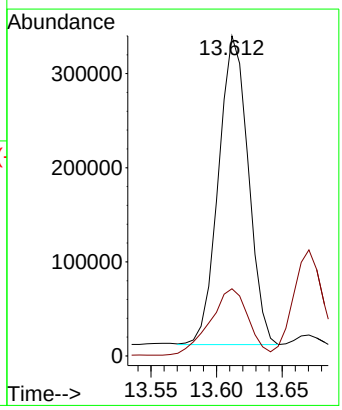


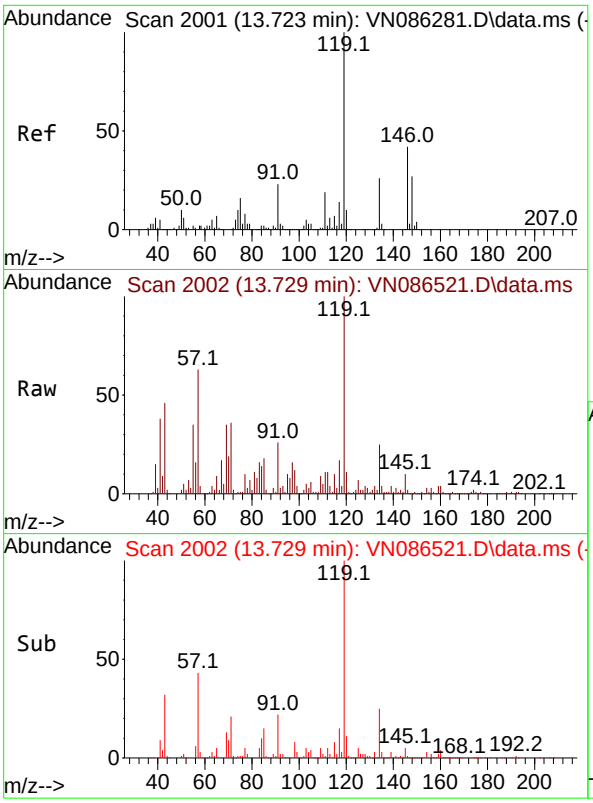


#85
sec-Butylbenzene
Concen: 38.477 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion:105 Resp: 518186

Ion	Ratio	Lower	Upper
105	100		
134	27.3	9.7	29.1



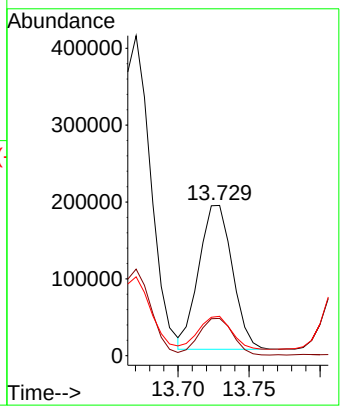


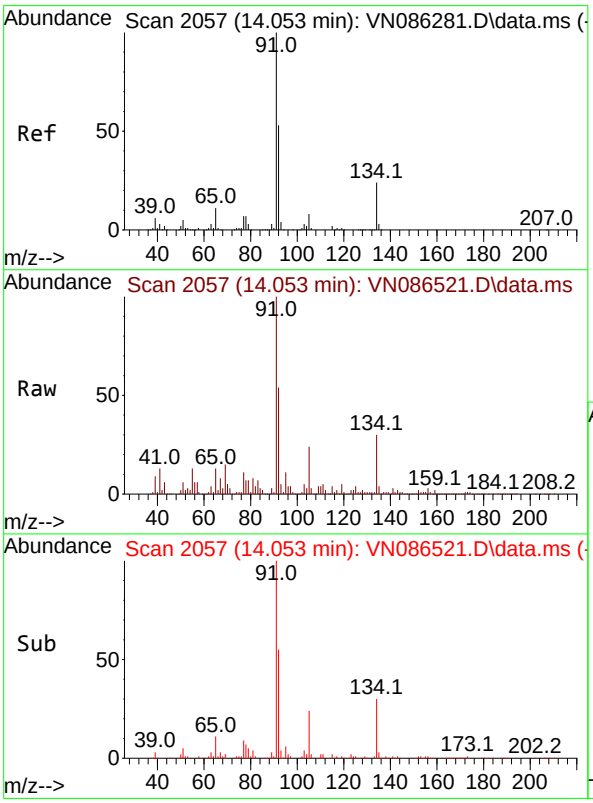
#86
p-Isopropyltoluene
Concen: 27.712 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Instrument :
MSVOA_N
ClientSampleId :
SS-8ME

Tgt Ion:119 Resp: 307625

Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.1	39.1
91	22.4	11.9	35.9

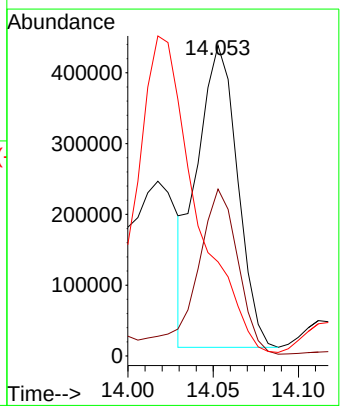




#89
n-Butylbenzene
Concen: 71.689 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086521.D
Acq: 06 May 2025 17:48

Tgt Ion: 91 Resp: 705374

Ion	Ratio	Lower	Upper
91	100		
92	55.6	26.8	80.4
134	0.0	12.2	36.6#



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MEDL	SDG No.:	Q1914
Lab Sample ID:	Q1914-09MEDL	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	8 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086496.D	20		05/05/25 19:14	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3400	UD	530	3400	ug/Kg
108-88-3	Toluene	1100	JD	530	3400	ug/Kg
100-41-4	Ethyl Benzene	2700	JD	450	3400	ug/Kg
1330-20-7	Total Xylenes	15200	D	1390	10200	ug/Kg
98-82-8	Isopropylbenzene	1000	JD	530	3400	ug/Kg
103-65-1	n-propylbenzene	2900	JD	490	3400	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5200	D	550	3400	ug/Kg
98-06-6	tert-Butylbenzene	3400	UD	450	3400	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	18900	D	430	3400	ug/Kg
135-98-8	sec-Butylbenzene	1300	JD	450	3400	ug/Kg
99-87-6	p-Isopropyltoluene	900	JD	420	3400	ug/Kg
104-51-8	n-Butylbenzene	2100	JD	980	3400	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	59.2		70 - 134	118%	SPK: 50
2037-26-5	Toluene-d8	51.5		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		38 - 136	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	168000	8.224			
540-36-3	1,4-Difluorobenzene	313000	9.1			
3114-55-4	Chlorobenzene-d5	300000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.788			

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_N\Data\VN050525\
Data File : VN086496.D
Acq On : 05 May 2025 19:14
Operator : JC\MD
Sample : Q1914-09MEDL 20X
Misc : 8.00g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Quant Time: May 06 01:47:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

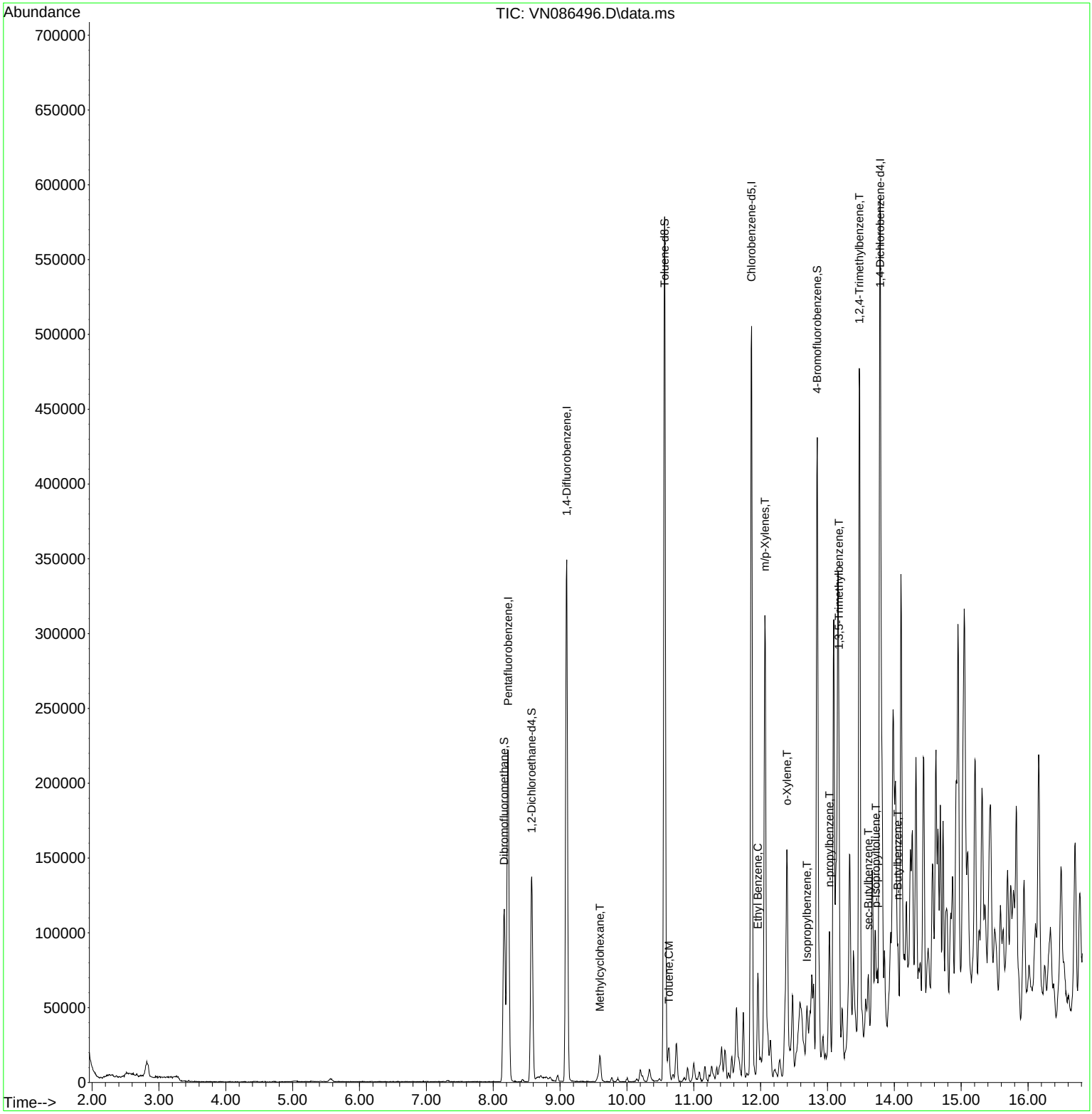
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	167617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115388	47.473	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.940%			
35) Dibromofluoromethane	8.165	113	85959	59.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.480%			
50) Toluene-d8	10.565	98	399600	51.530	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.847	95	151616	53.603	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.200%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.594	83	7511	2.180	ug/l	97
52) Toluene	10.629	92	9774	1.687	ug/l	98
67) Ethyl Benzene	11.959	91	47762	3.950	ug/l	100
68) m/p-Xylenes	12.065	106	64304	14.191	ug/l	99
69) o-Xylene	12.394	106	37316	8.327	ug/l	99
73) Isopropylbenzene	12.694	105	17468	1.512	ug/l	100
78) n-propylbenzene	13.029	91	58874	4.324	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	72303	7.646	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	268975	27.943	ug/l	98
85) sec-Butylbenzene	13.611	105	22229	1.956	ug/l	86
86) p-Isopropyltoluene	13.723	119	12519	1.336	ug/l	99
89) n-Butylbenzene	14.053	91	25951	3.125	ug/l #	83

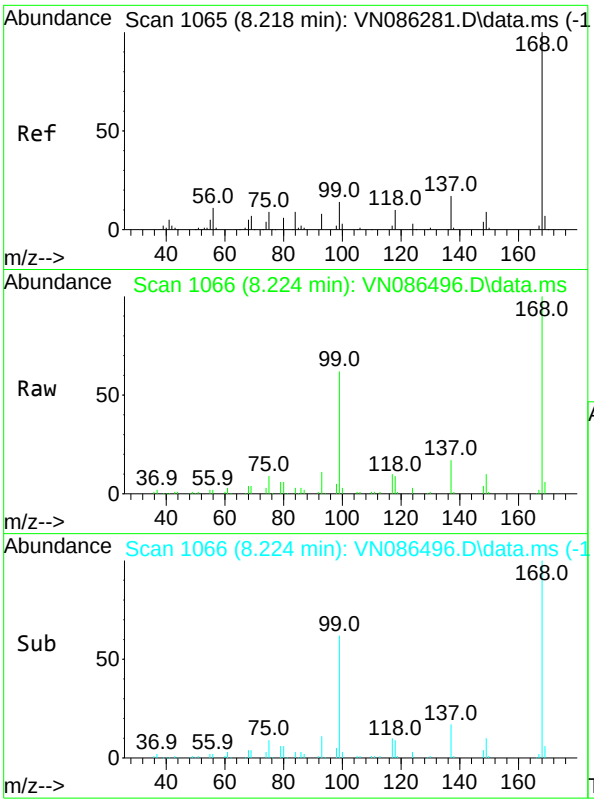
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086496.D
Acq On : 05 May 2025 19:14
Operator : JC\MD
Sample : Q1914-09MEDL 20X
Misc : 8.00g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Quant Time: May 06 01:47:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



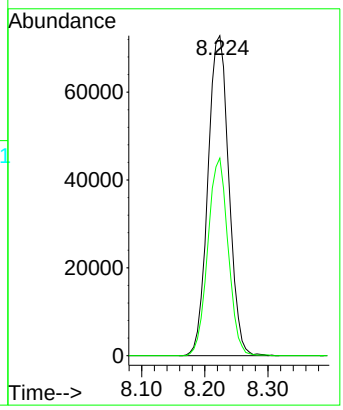


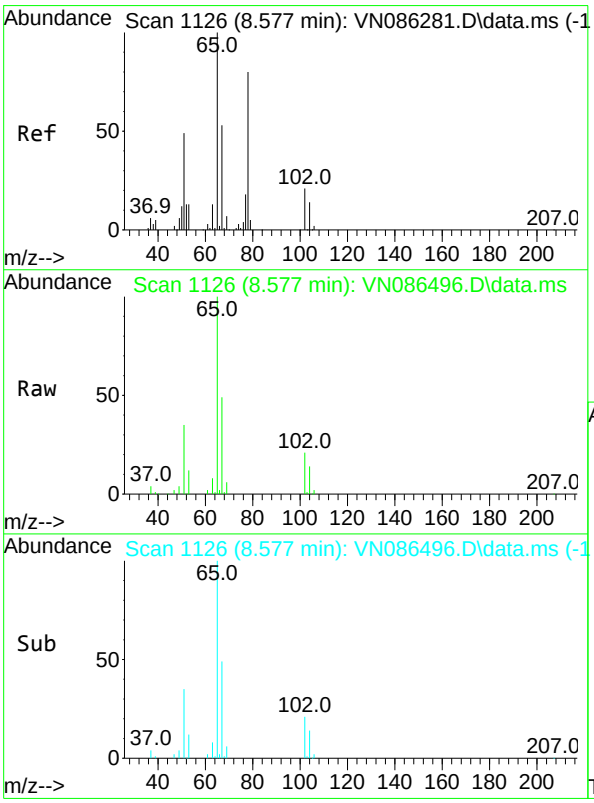
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:168 Resp: 167617

Ion	Ratio	Lower	Upper
168	100		
99	61.8	52.5	78.7

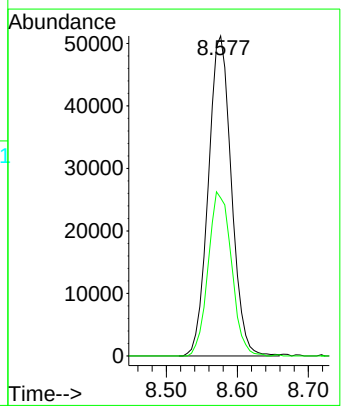


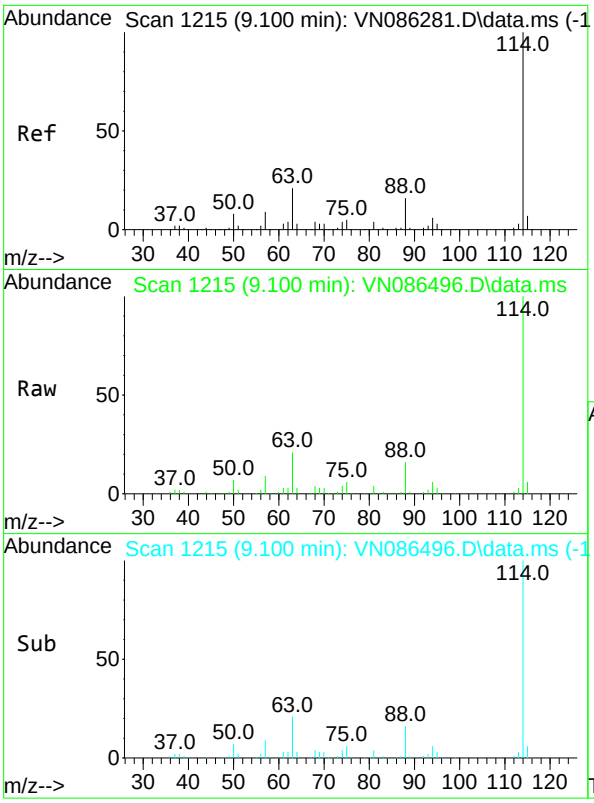


#33
1,2-Dichloroethane-d4
Concen: 47.473 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 65 Resp: 115388

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.0



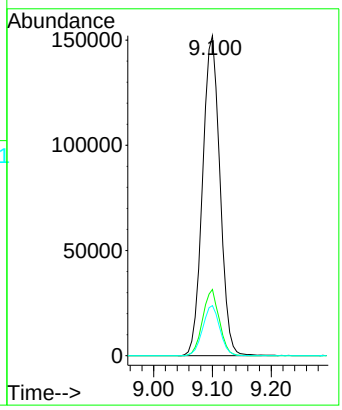


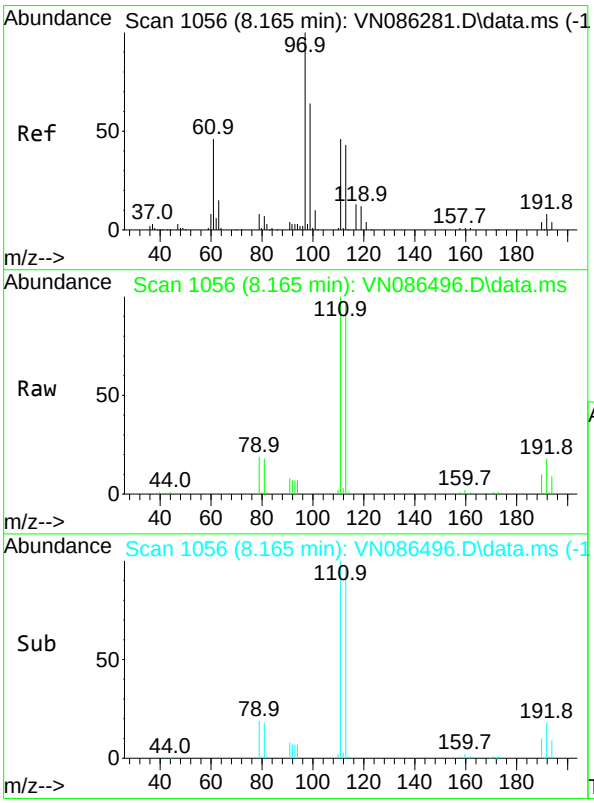
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:114 Resp: 312635

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.6
88	15.7	0.0	31.8

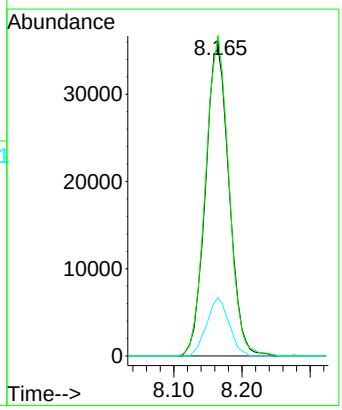


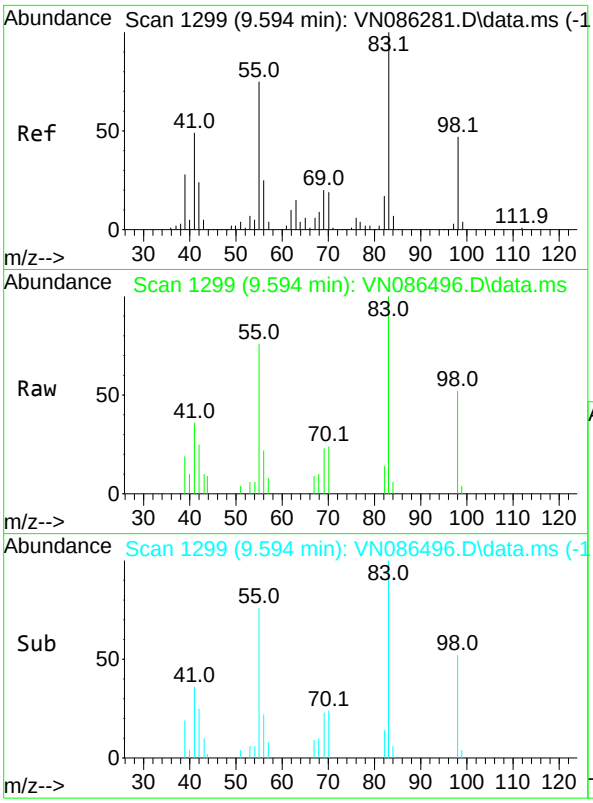


#35
Dibromofluoromethane
Concen: 59.242 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion:113 Resp: 85959

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	17.7	13.7	20.5



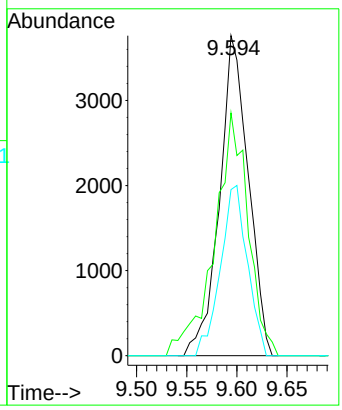


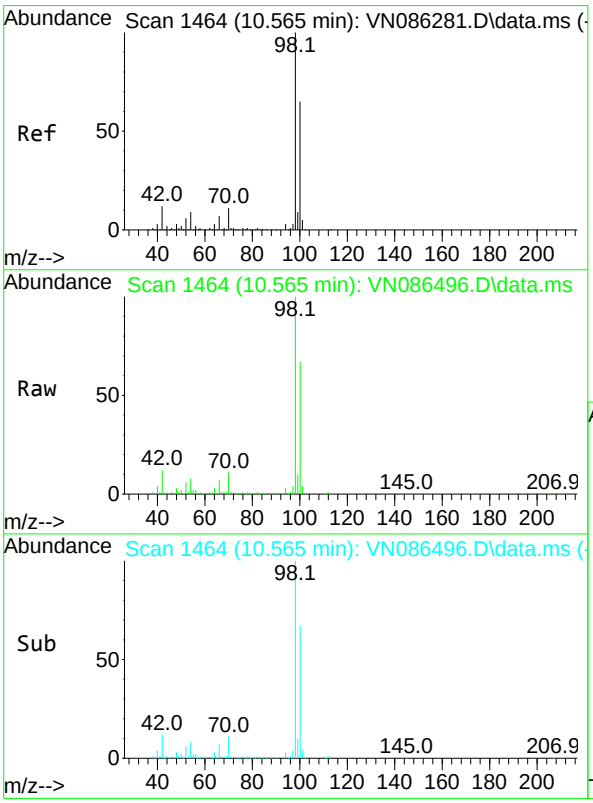
#39
Methylcyclohexane
Concen: 2.180 ug/l
RT: 9.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion: 83 Resp: 7511

Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.8	89.8
98	51.9	37.9	56.9

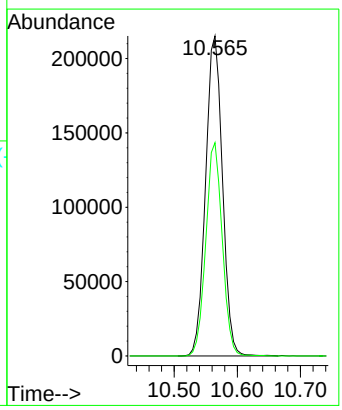


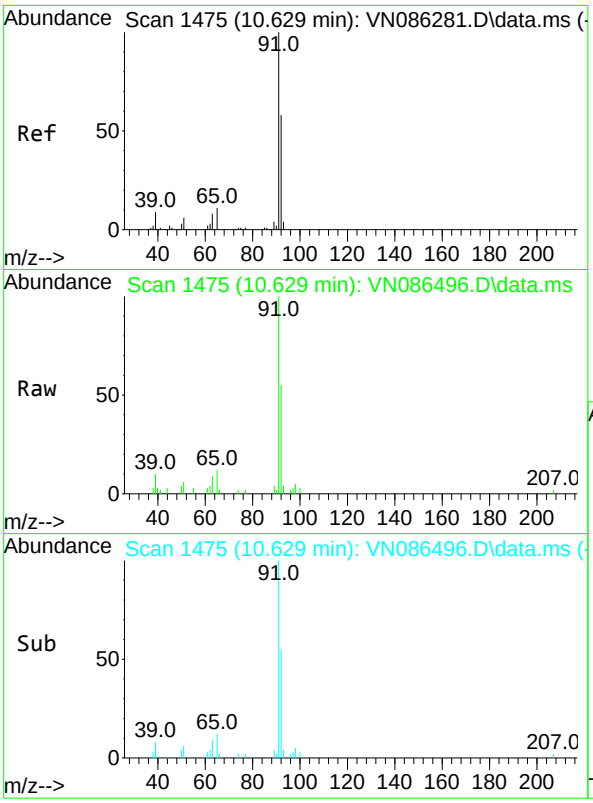


#50
Toluene-d8
Concen: 51.530 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 98 Resp: 399600

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.5	78.7



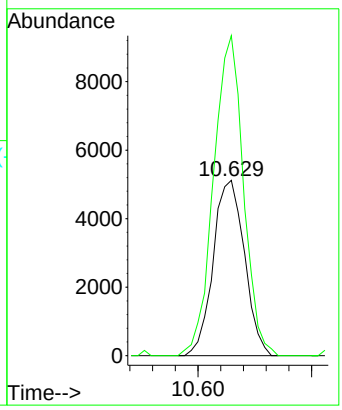


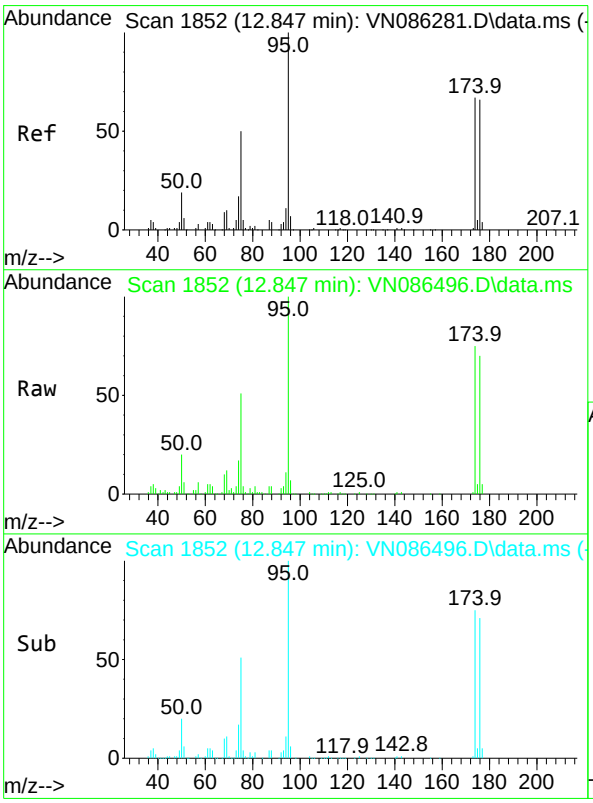
#52
Toluene
Concen: 1.687 ug/l
RT: 10.629 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion: 92 Resp: 9774

Ion	Ratio	Lower	Upper
92	100		
91	174.9	137.3	205.9

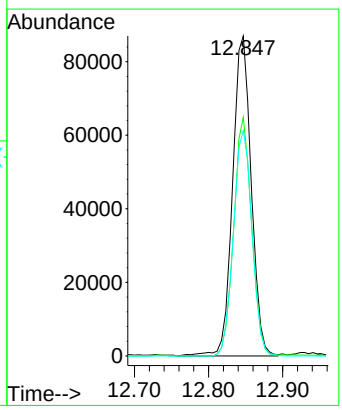


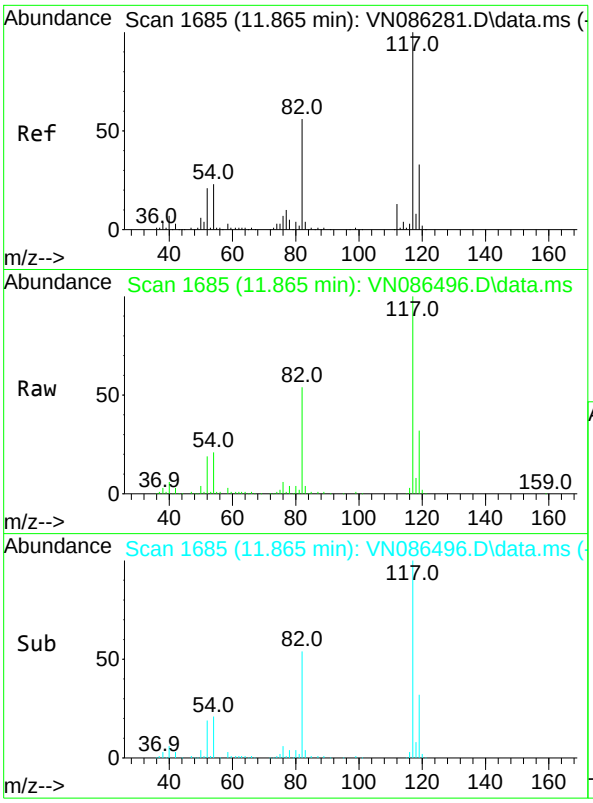


#62
4-Bromofluorobenzene
Concen: 53.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 95 Resp: 151616

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	133.4
176	70.2	0.0	129.2



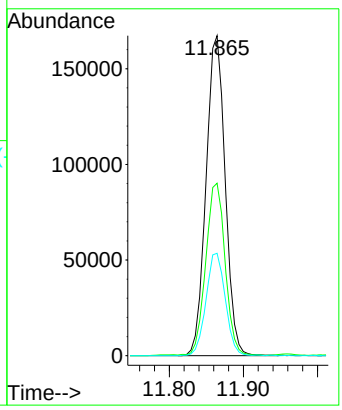


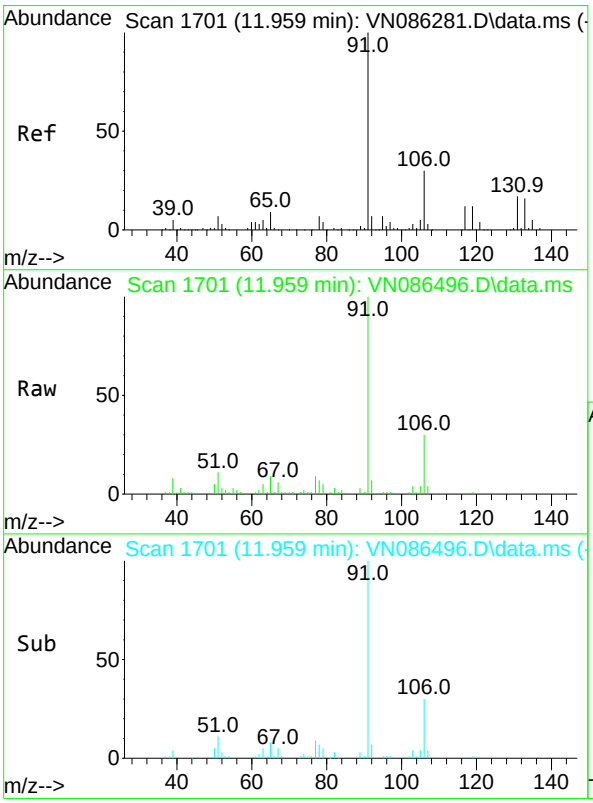
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:117 Resp: 300291

Ion	Ratio	Lower	Upper
117	100		
82	53.7	44.7	67.1
119	32.0	26.4	39.6

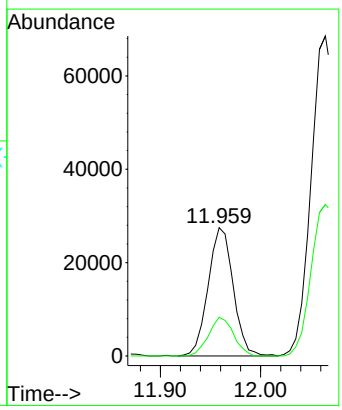


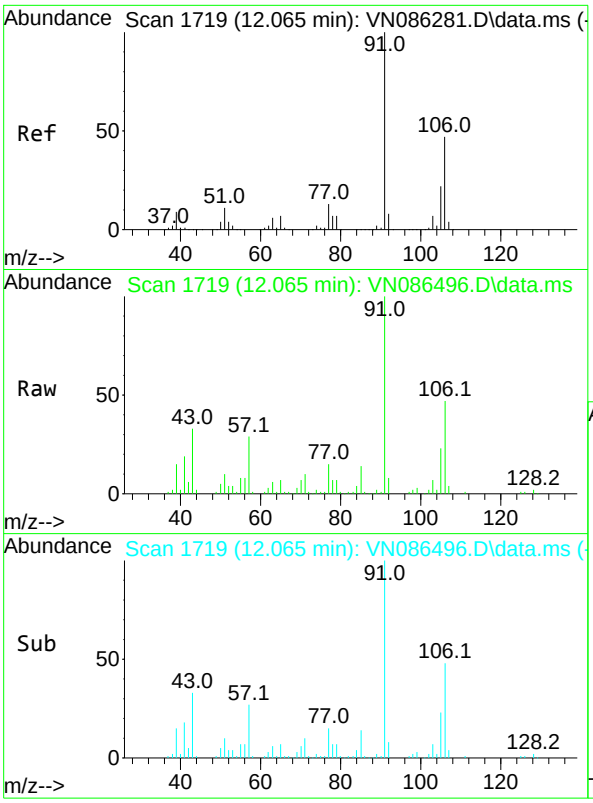


#67
Ethyl Benzene
Concen: 3.950 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 91 Resp: 47762

Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.3	36.5



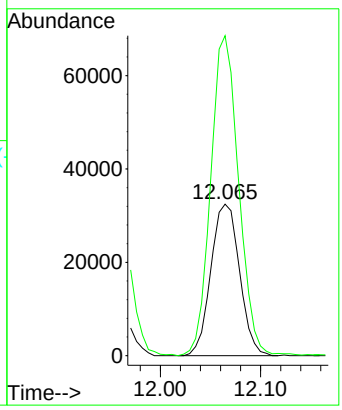


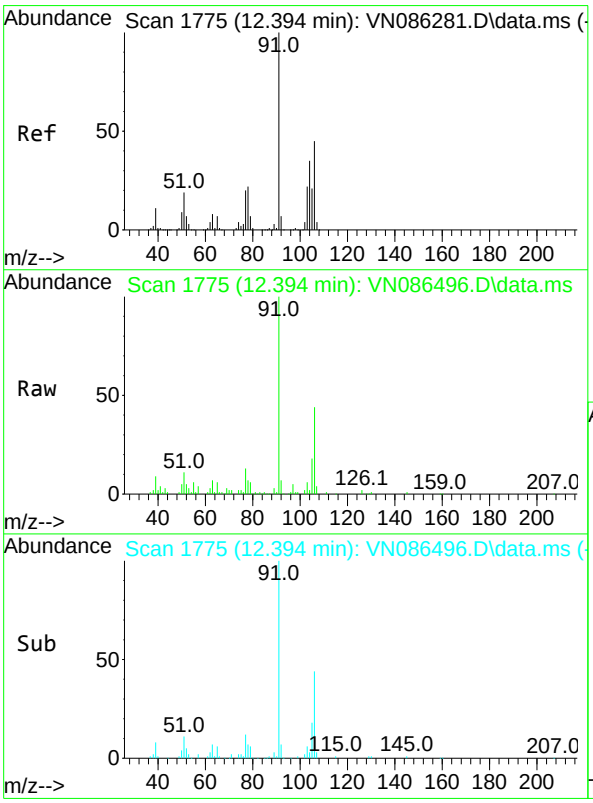
#68
m/p-Xylenes
Concen: 14.191 ug/l
RT: 12.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:106 Resp: 64304

Ion	Ratio	Lower	Upper
106	100		
91	206.1	166.5	249.7

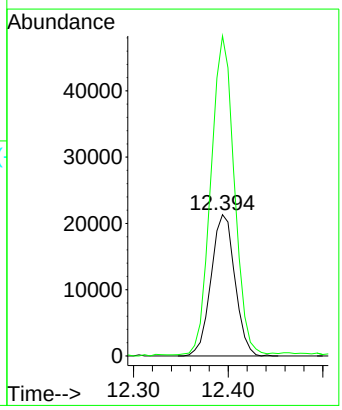


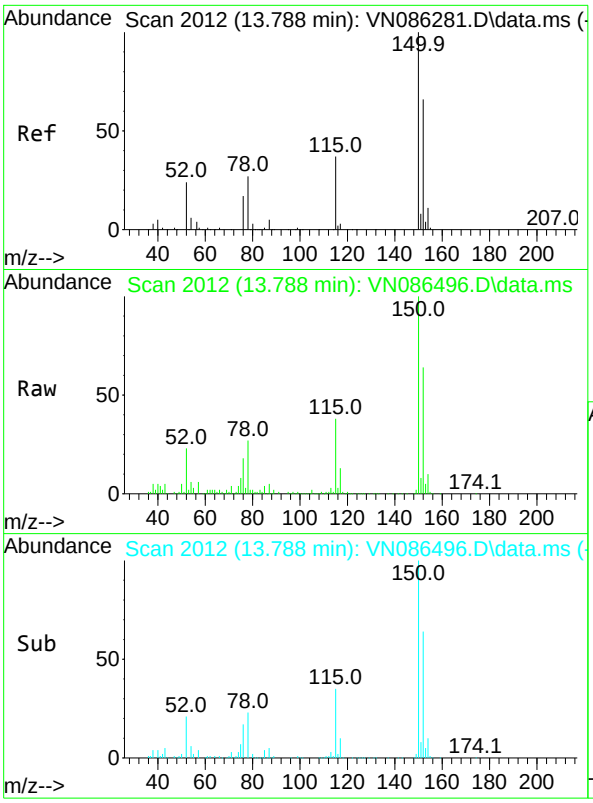


#69
o-Xylene
Concen: 8.327 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion:106 Resp: 37316

Ion	Ratio	Lower	Upper
106	100		
91	221.4	109.7	329.0



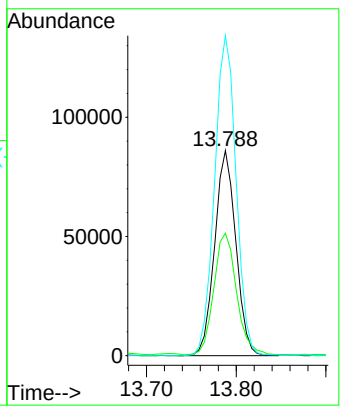


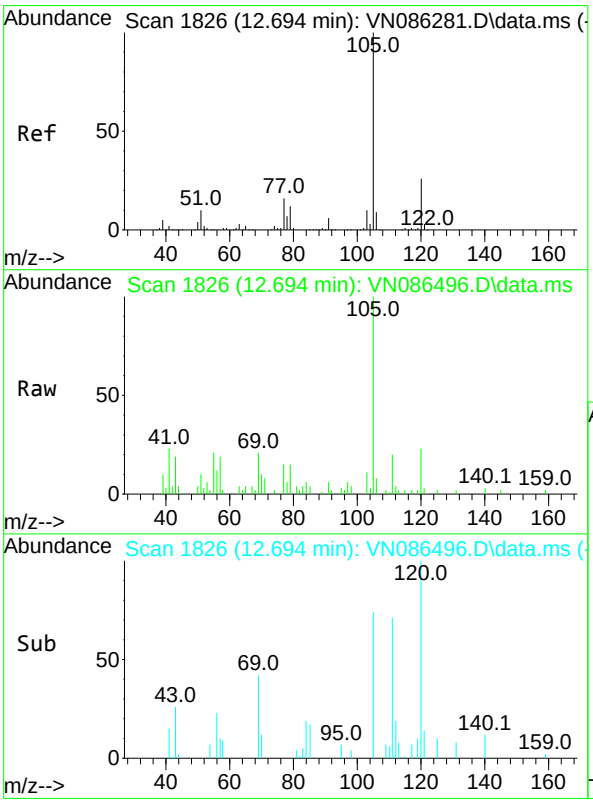
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:152 Resp: 141242

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.9	95.9
150	158.4	0.0	352.0

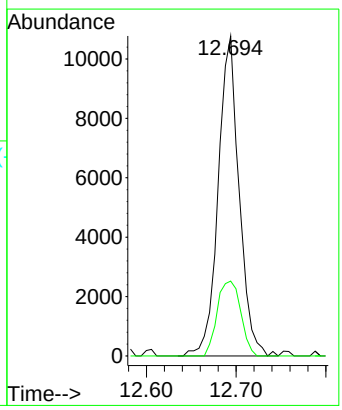


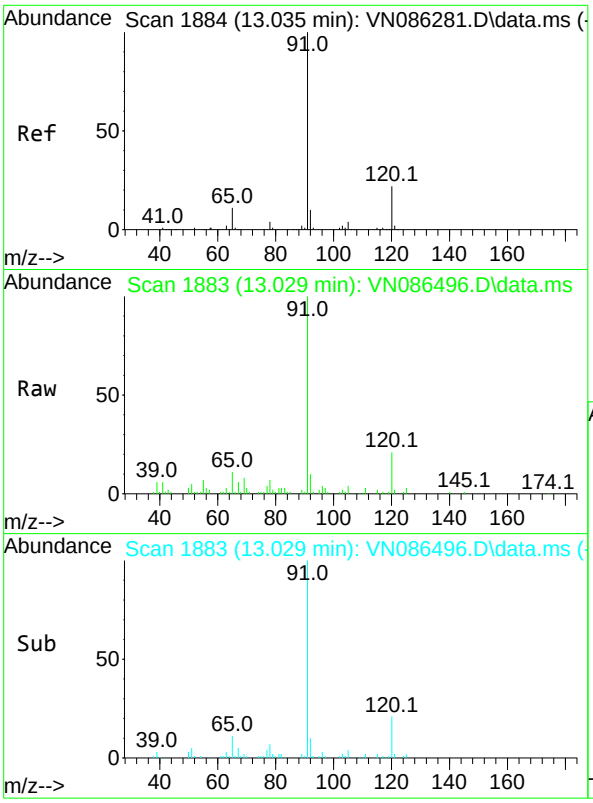


#73
Isopropylbenzene
Concen: 1.512 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion:105 Resp: 17468

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3



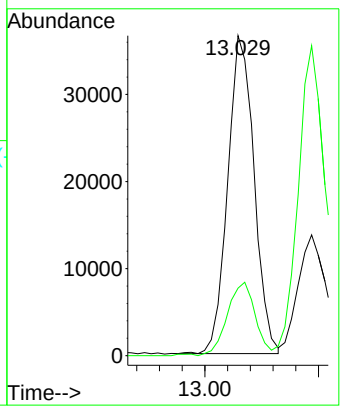


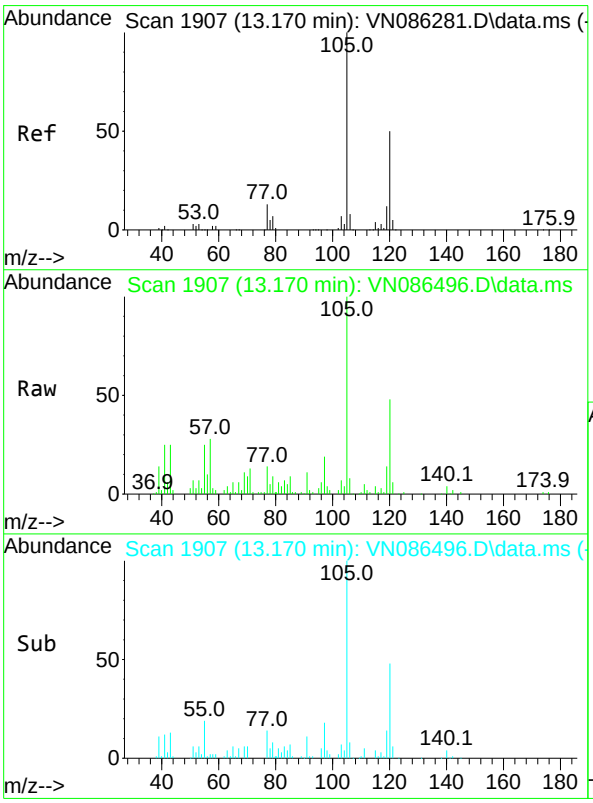
#78
n-propylbenzene
Concen: 4.324 ug/l
RT: 13.029 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion: 91 Resp: 58874

Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.1	33.3

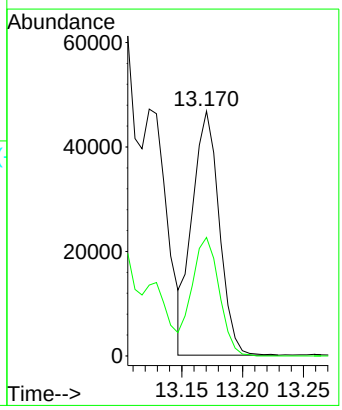


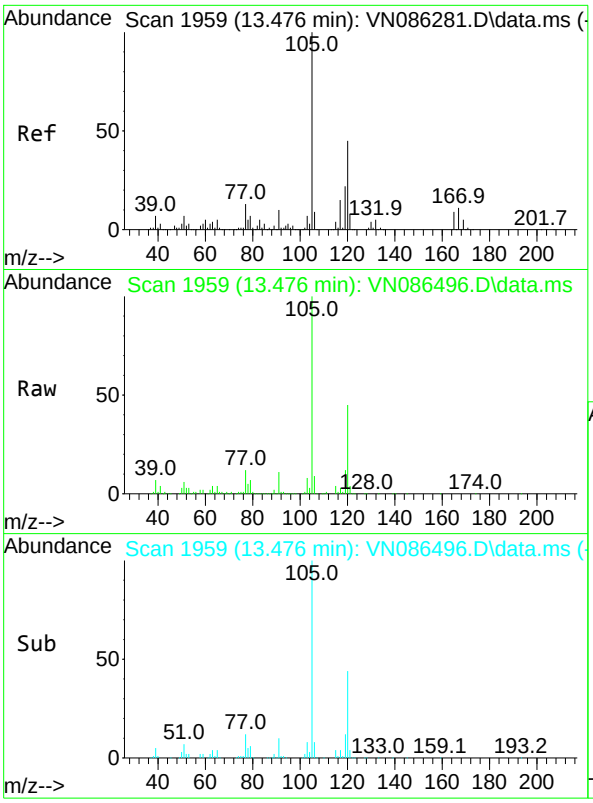


#80
1,3,5-Trimethylbenzene
Concen: 7.646 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion:105 Resp: 72303

Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.5	73.5



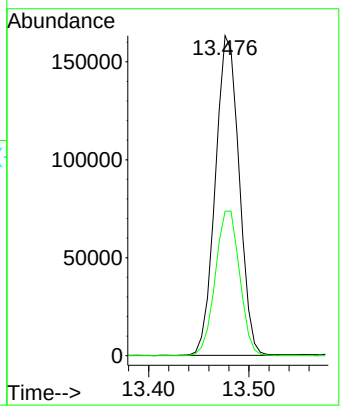


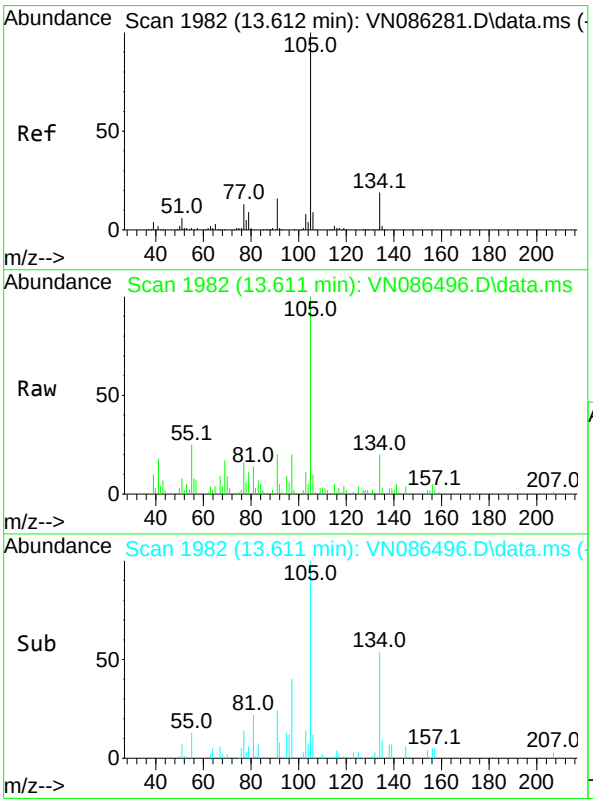
#84
1,2,4-Trimethylbenzene
Concen: 27.943 ug/l
RT: 13.476 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:105 Resp: 268975

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.4	67.3

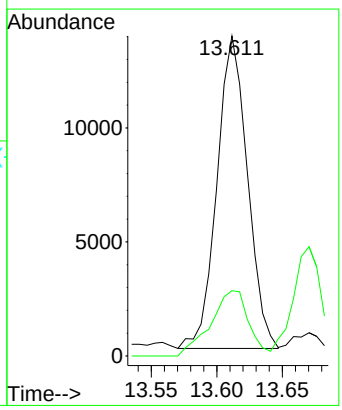


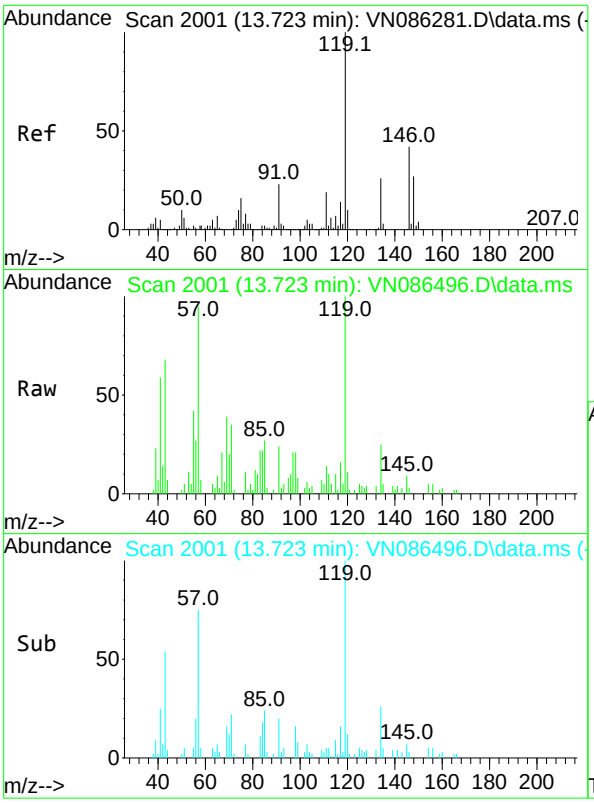


#85
sec-Butylbenzene
Concen: 1.956 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion:105 Resp: 22229

Ion	Ratio	Lower	Upper
105	100		
134	25.8	9.7	29.1



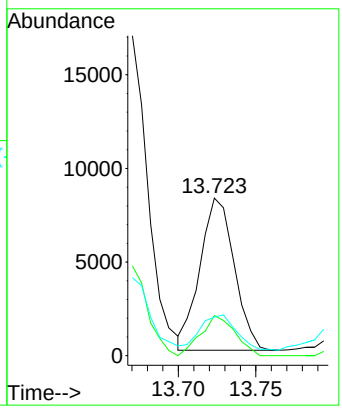


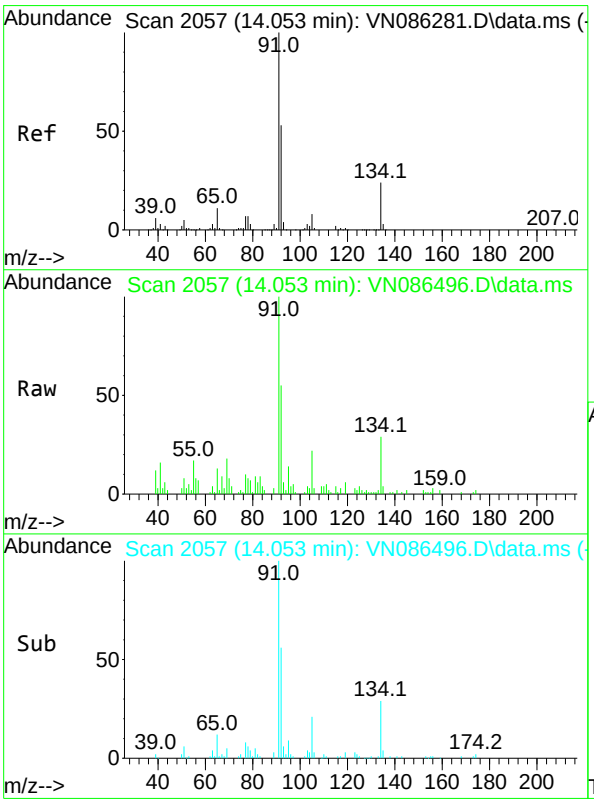
#86
p-Isopropyltoluene
Concen: 1.336 ug/l
RT: 13.723 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:119 Resp: 12519

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.1
91	24.5	11.9	35.9

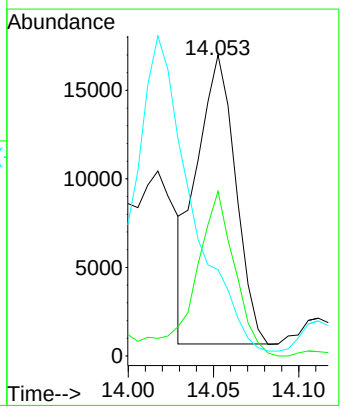




#89
n-Butylbenzene
Concen: 3.125 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 91 Resp: 25951

Ion	Ratio	Lower	Upper
91	100		
92	55.5	26.8	80.4
134	0.0	12.2	36.6#



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-9	SDG No.:	Q1914
Lab Sample ID:	Q1914-12	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	87.1
Sample Wt/Vol:	7.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022178.D	1		05/06/25 13:03	VY050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	3.60	U	0.57	3.60	ug/Kg
108-88-3	Toluene	3.60	U	0.57	3.60	ug/Kg
100-41-4	Ethyl Benzene	3.60	U	0.49	3.60	ug/Kg
1330-20-7	Total Xylenes	10.8	U	1.49	10.8	ug/Kg
98-82-8	Isopropylbenzene	3.60	U	0.57	3.60	ug/Kg
103-65-1	n-propylbenzene	3.60	U	0.53	3.60	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	3.60	U	0.59	3.60	ug/Kg
98-06-6	tert-Butylbenzene	3.60	U	0.49	3.60	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.60	U	0.46	3.60	ug/Kg
135-98-8	sec-Butylbenzene	3.60	U	0.48	3.60	ug/Kg
99-87-6	p-Isopropyltoluene	3.60	U	0.45	3.60	ug/Kg
104-51-8	n-Butylbenzene	3.60	U	1.10	3.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.4		63 - 155	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	49.2		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.8		38 - 136	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	197000	7.713			
540-36-3	1,4-Difluorobenzene	384000	8.616			
3114-55-4	Chlorobenzene-d5	340000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	121000	13.346			

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_Y\Data\VY050625\
Data File : VY022178.D
Acq On : 06 May 2025 13:03
Operator : SY/MD
Sample : Q1914-12
Misc : 7.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-9

Quant Time: May 07 04:34:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

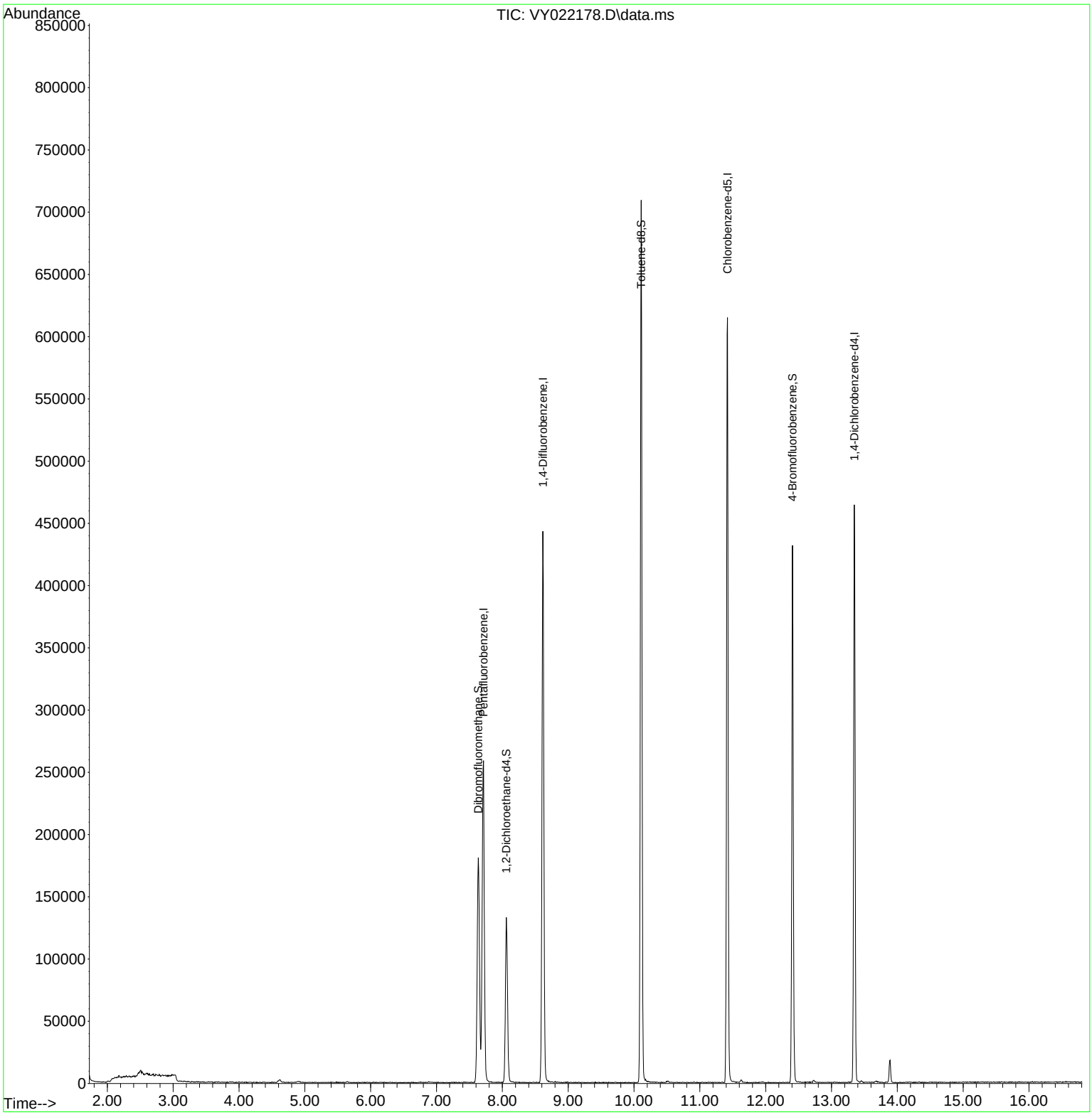
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	197156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	383574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	339845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	120680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	102619	56.350	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.700%			
35) Dibromofluoromethane	7.634	113	131757	51.994	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.109	98	470465	49.245	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.500%			
62) 4-Bromofluorobenzene	12.408	95	124718	38.779	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.560%			
Target Compounds						Qvalue

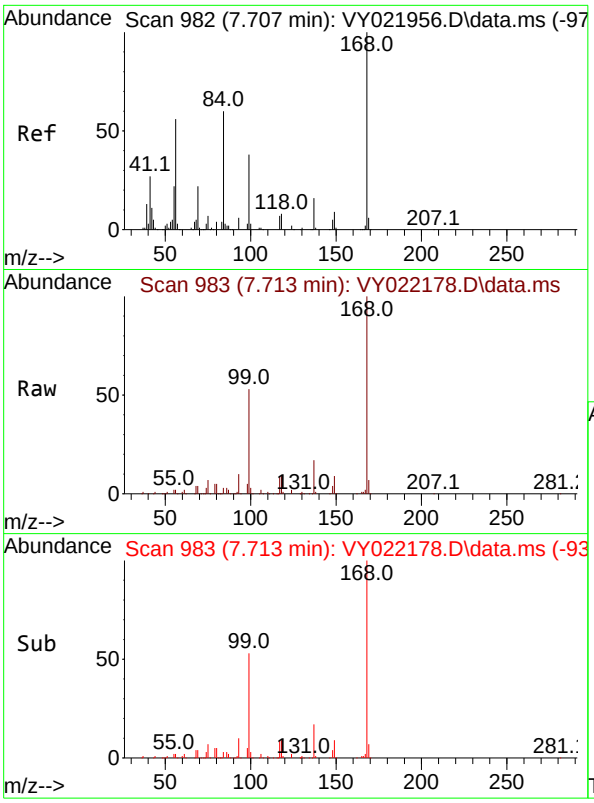
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022178.D
Acq On : 06 May 2025 13:03
Operator : SY/MD
Sample : Q1914-12
Misc : 7.92g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS-9

Quant Time: May 07 04:34:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



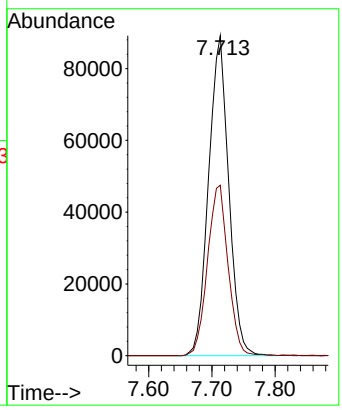


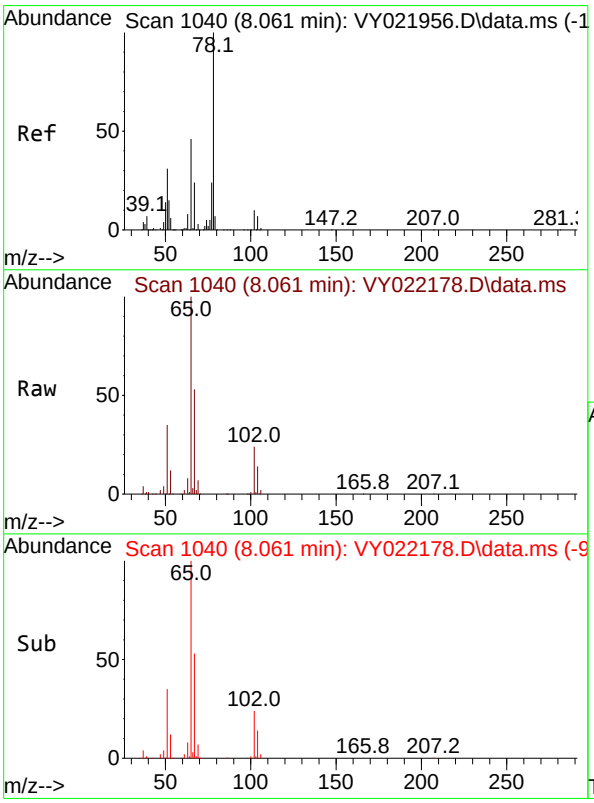
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SS-9

Tgt Ion:168 Resp: 197156

Ion	Ratio	Lower	Upper
168	100		
99	53.2	43.1	64.7

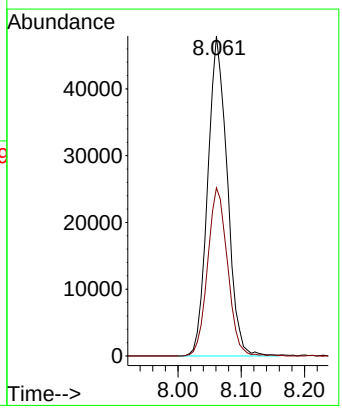


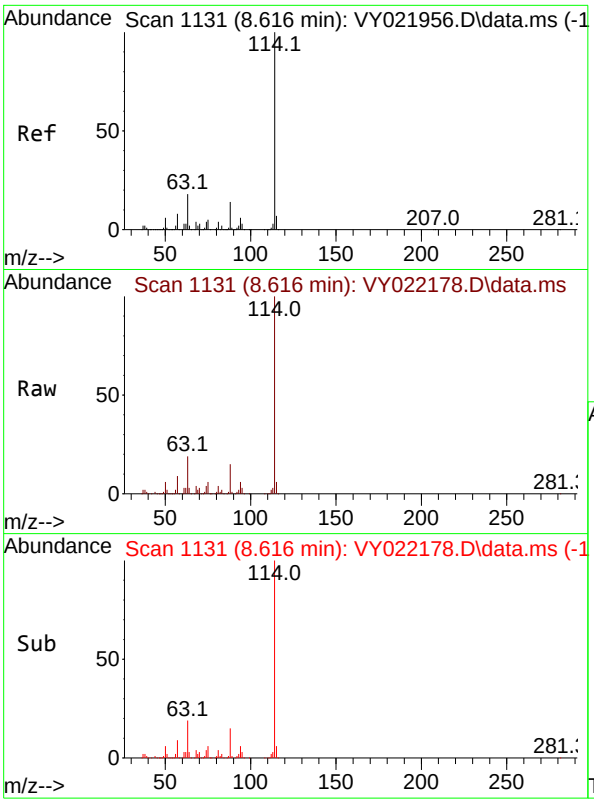


#33
1,2-Dichloroethane-d4
Concen: 56.350 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

Tgt Ion: 65 Resp: 102619

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	105.8



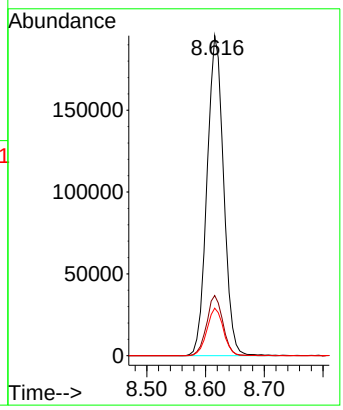


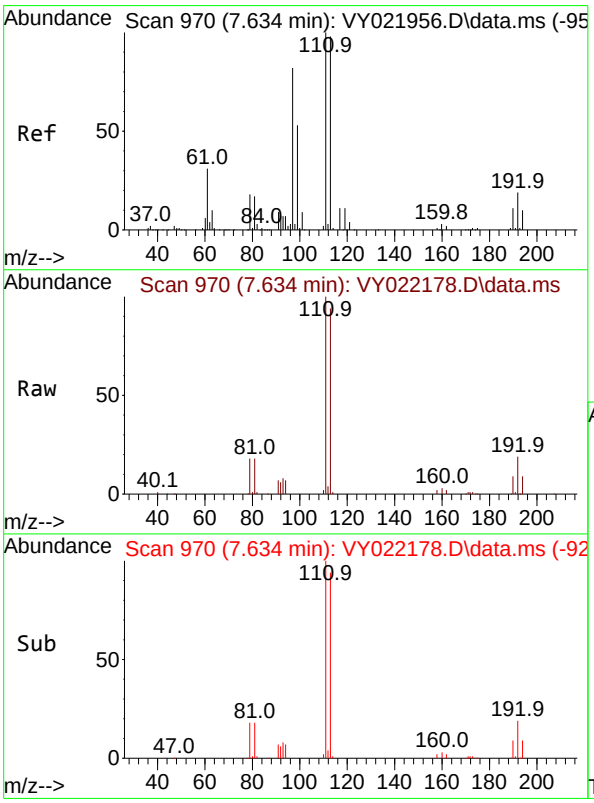
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SS-9

Tgt Ion:114 Resp: 383574

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	35.4
88	14.9	0.0	28.2

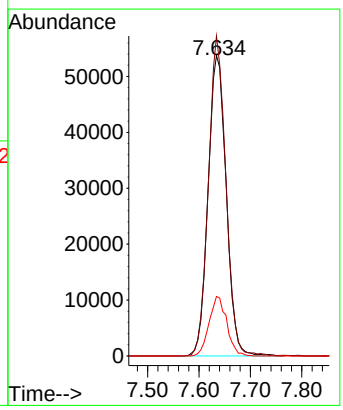


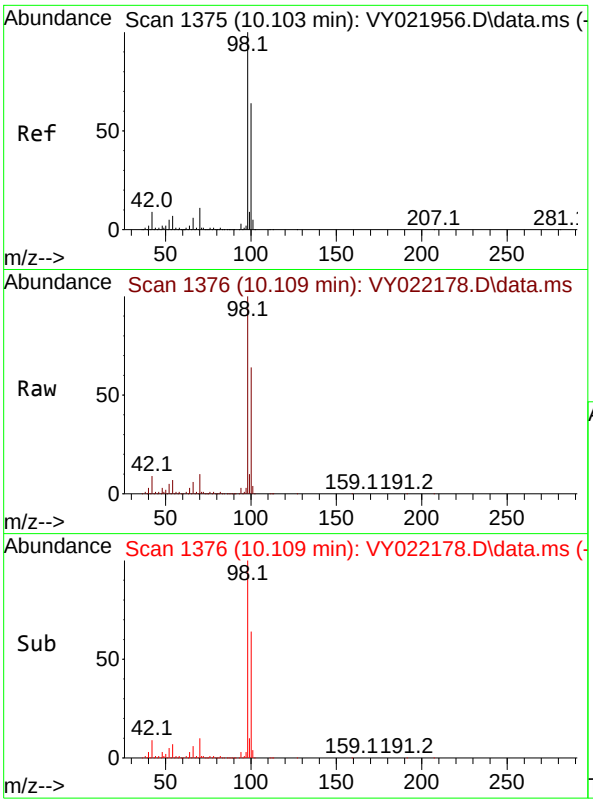


#35
Dibromofluoromethane
Concen: 51.994 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

Tgt Ion:113 Resp: 131757

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	19.3	15.6	23.4



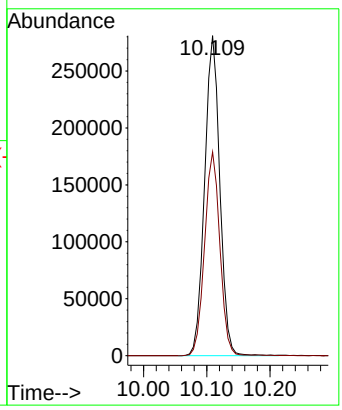


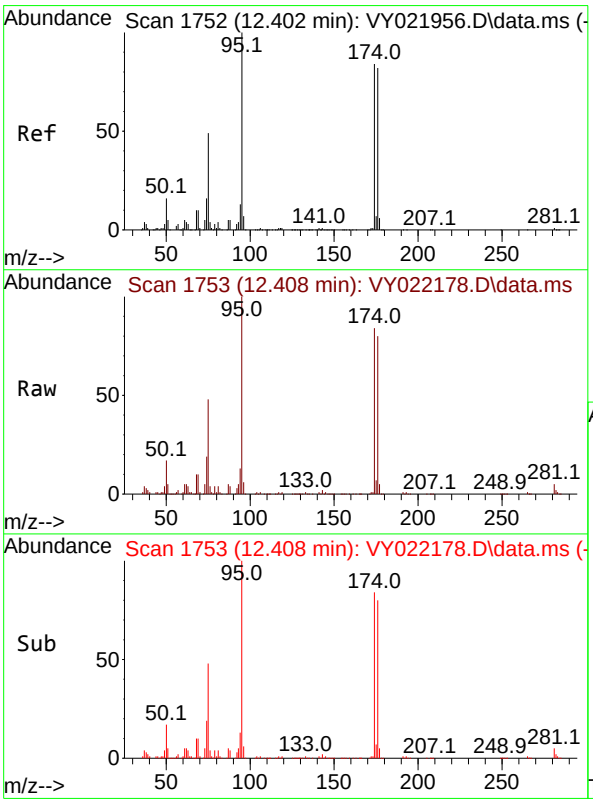
#50
Toluene-d8
Concen: 49.245 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SS-9

Tgt Ion: 98 Resp: 470465

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4

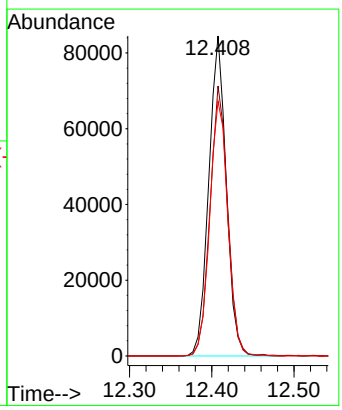


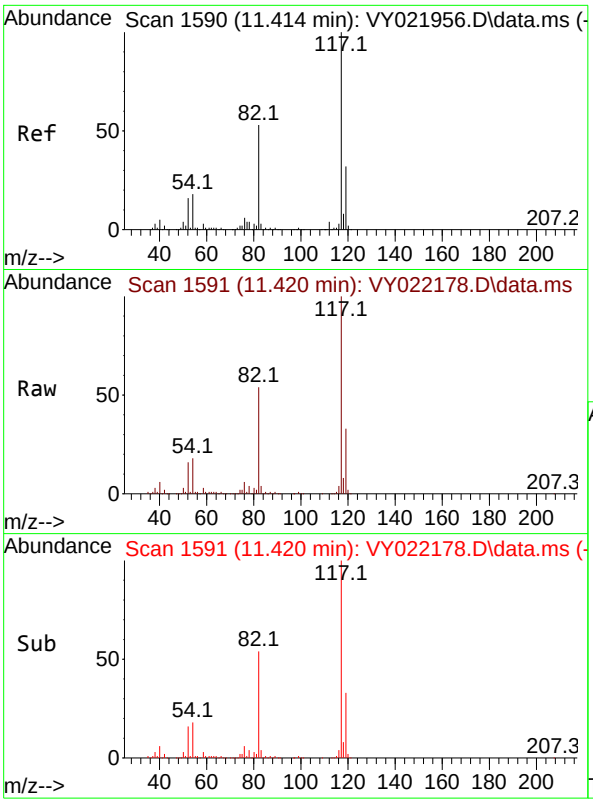


#62
4-Bromofluorobenzene
Concen: 38.779 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

Tgt Ion: 95 Resp: 124718

Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	179.0
176	82.9	0.0	171.8



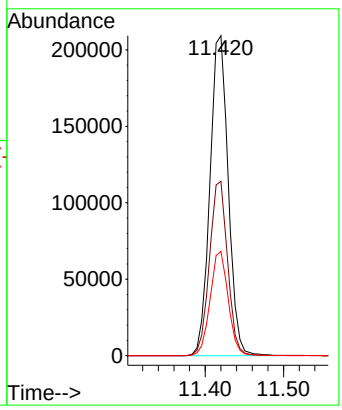


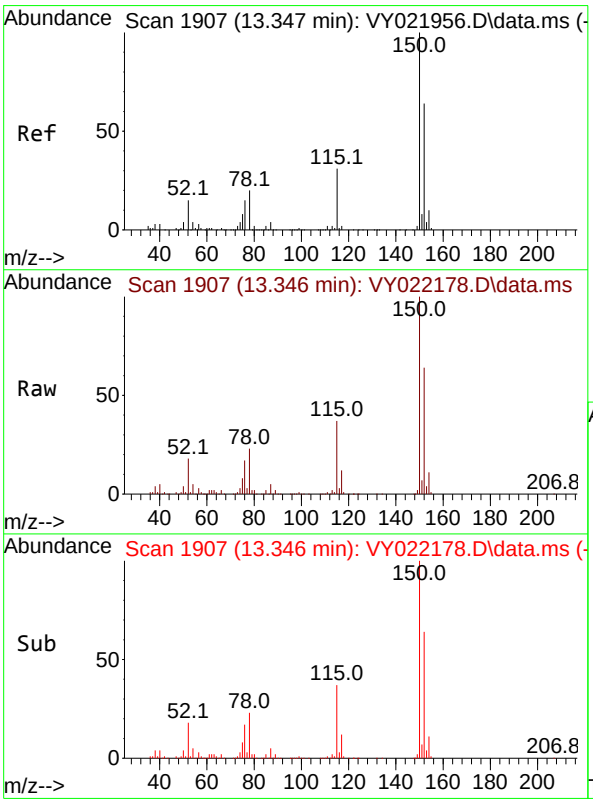
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SS-9

Tgt Ion:117 Resp: 339845

Ion	Ratio	Lower	Upper
117	100		
82	54.5	42.1	63.1
119	32.6	25.7	38.5

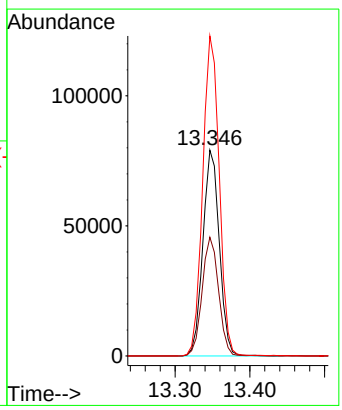




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022178.D
Acq: 06 May 2025 13:03

Tgt Ion:152 Resp: 120680

Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.0	84.0
150	156.2	0.0	345.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	FB04282025	SDG No.:	Q1914
Lab Sample ID:	Q1914-14	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045991.D	1		04/30/25 12:32	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
103-65-1	n-propylbenzene	1.00	U	0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.00	U	0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.00	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	1.00	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	1.00	U	0.13	1.00	ug/L
104-51-8	n-Butylbenzene	1.00	U	0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.2		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	59300	5.55			
540-36-3	1,4-Difluorobenzene	118000	6.757			
3114-55-4	Chlorobenzene-d5	108000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	46100	12.018			

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\VX043025\
Data File : VX045991.D
Acq On : 30 Apr 2025 12:32
Operator : JC/MD
Sample : Q1914-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Quant Time: May 01 03:36:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	59292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	117758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60175	55.497	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.000%			
35) Dibromofluoromethane	5.379	113	43965	52.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.240%			
50) Toluene-d8	8.647	98	146264	50.156	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	54025	50.860	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.720%			

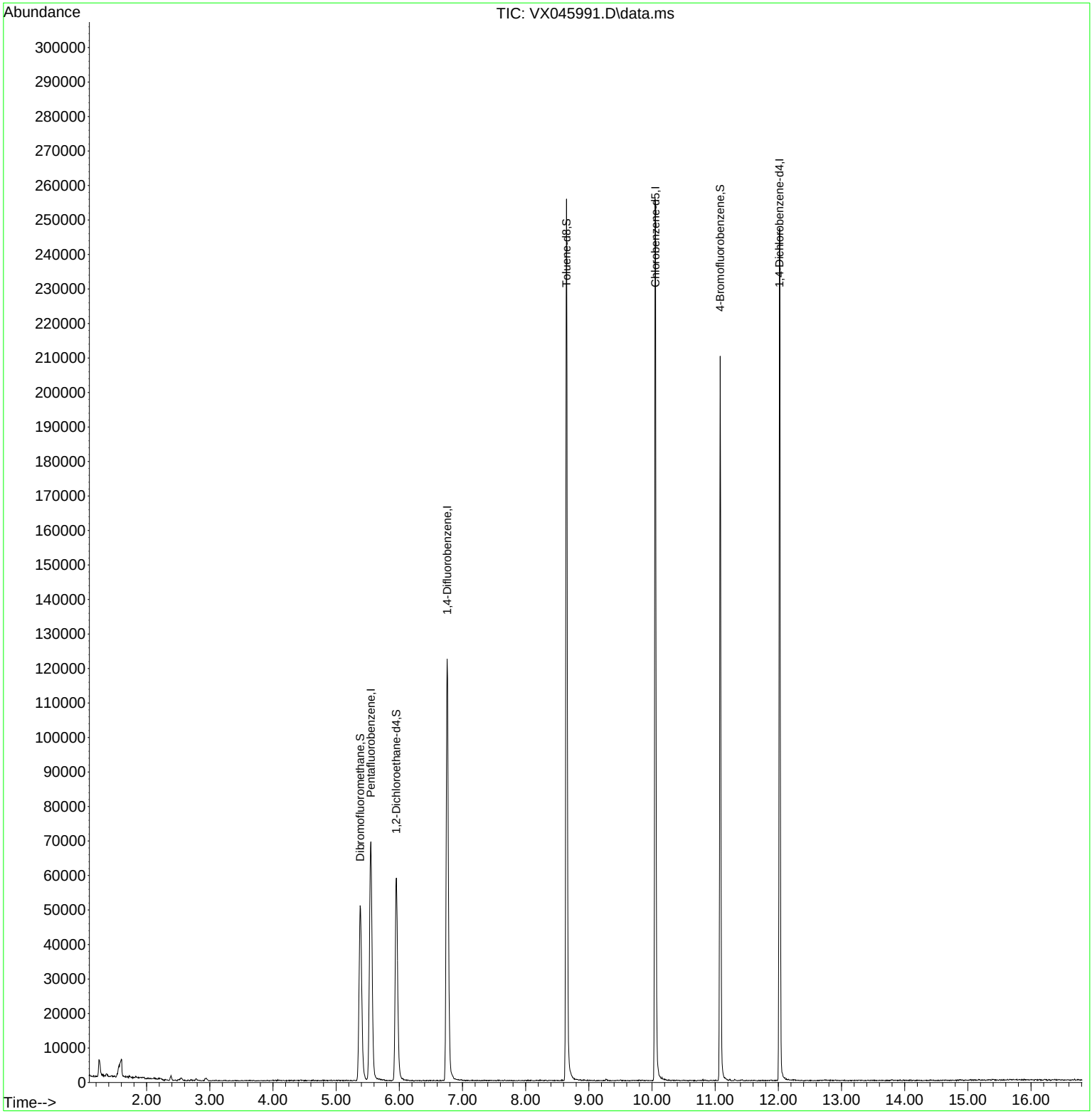
Target Compounds Qvalue

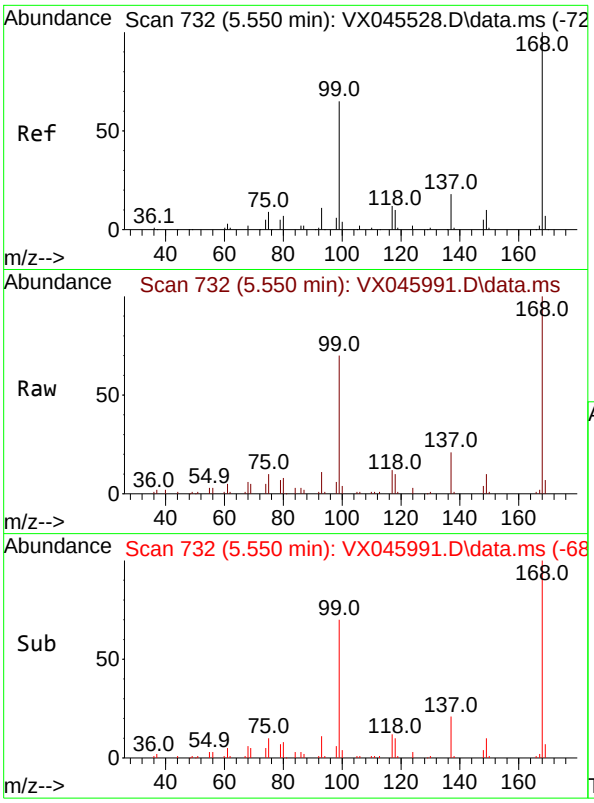
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045991.D
Acq On : 30 Apr 2025 12:32
Operator : JC/MD
Sample : Q1914-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Quant Time: May 01 03:36:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



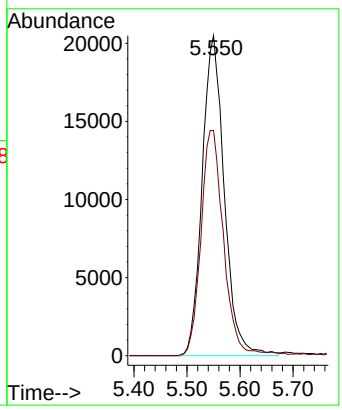


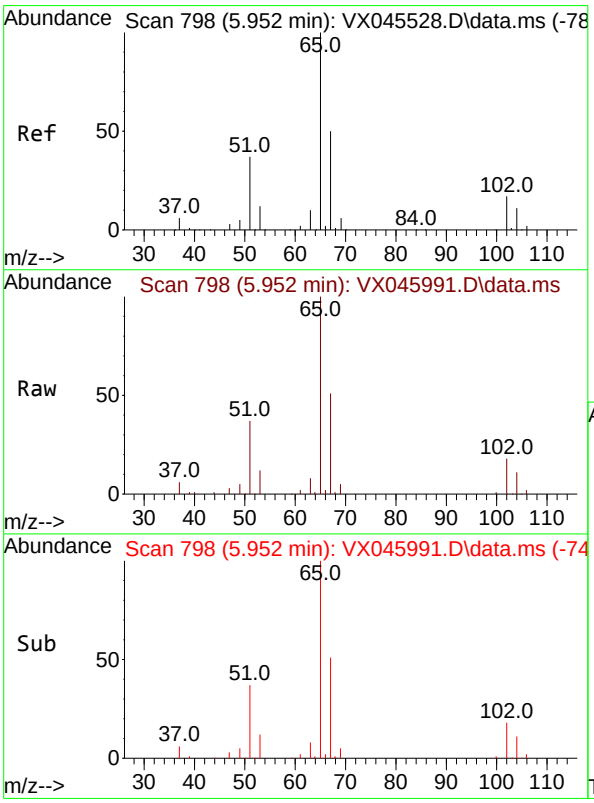
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Tgt Ion:168 Resp: 59292

Ion	Ratio	Lower	Upper
168	100		
99	70.3	52.3	78.5

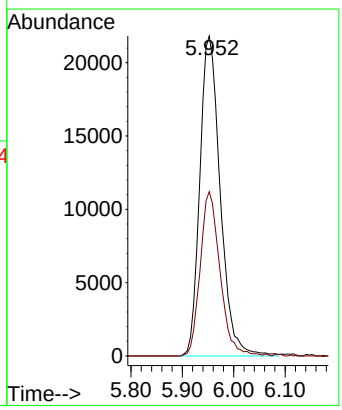


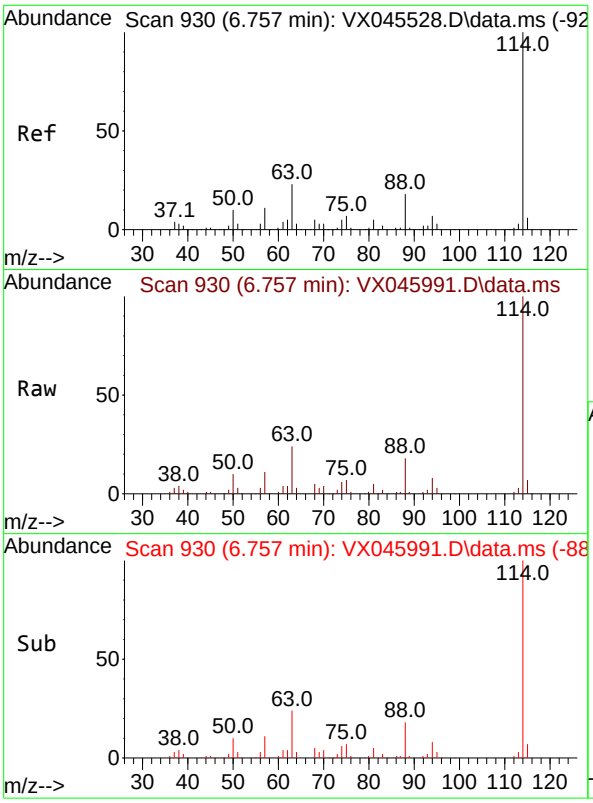


#33
1,2-Dichloroethane-d4
Concen: 55.497 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 65 Resp: 60175

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0



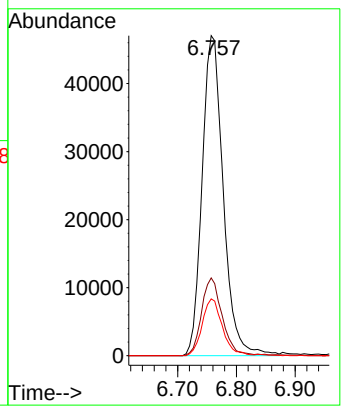


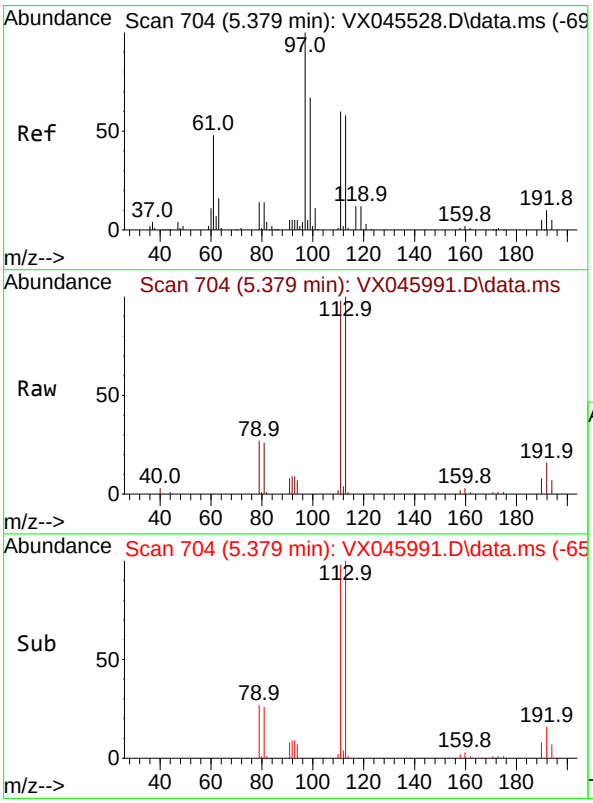
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Tgt Ion:114 Resp: 117758

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.8
88	17.8	0.0	35.4

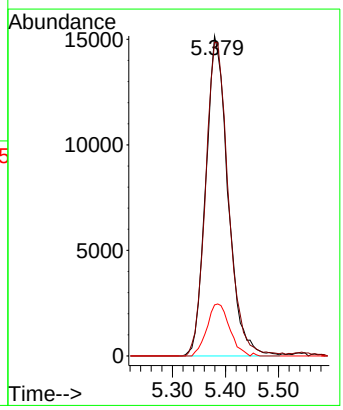


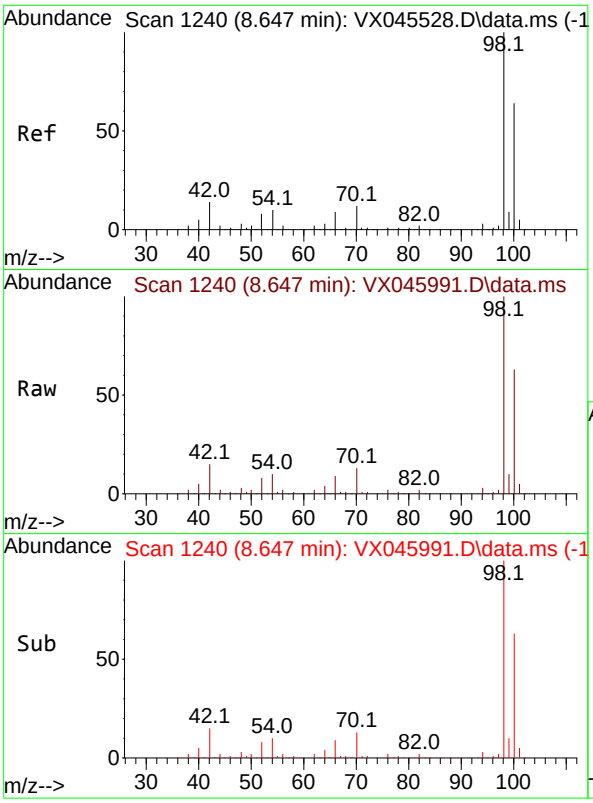


#35
Dibromofluoromethane
Concen: 52.622 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion:113 Resp: 43965

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.6
192	16.5	13.8	20.6



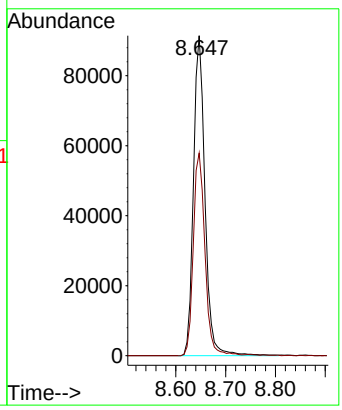


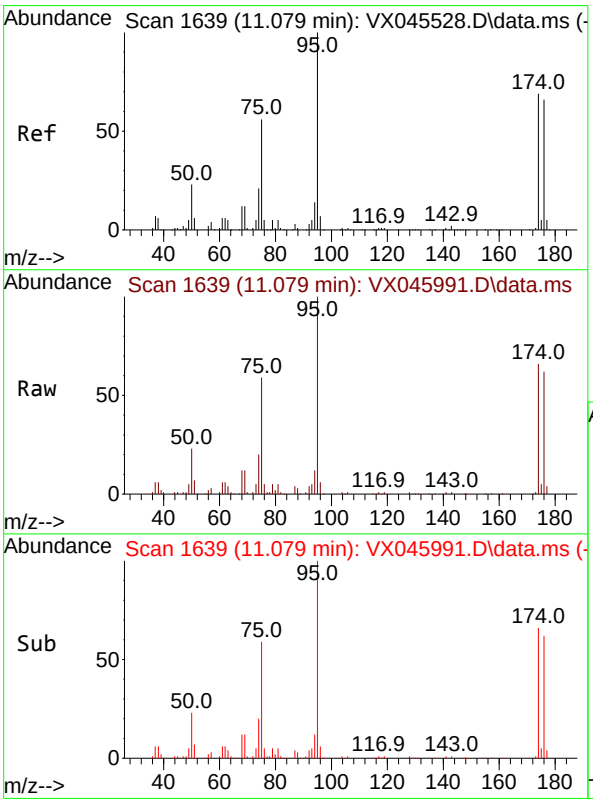
#50
Toluene-d8
Concen: 50.156 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Tgt Ion: 98 Resp: 146264

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4

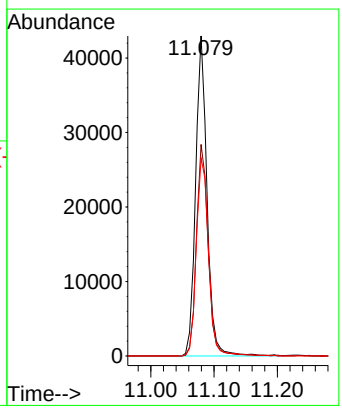


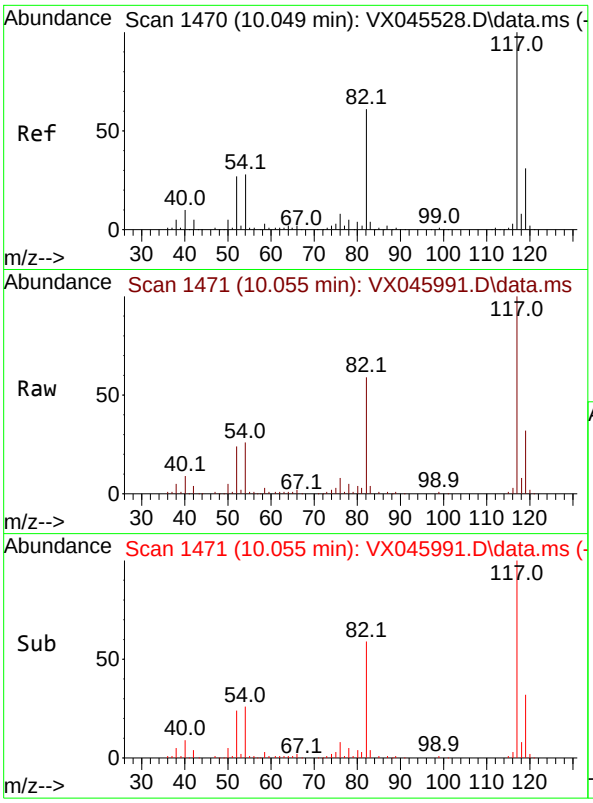


#62
4-Bromofluorobenzene
Concen: 50.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 95 Resp: 54025

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	135.8
176	66.3	0.0	131.4



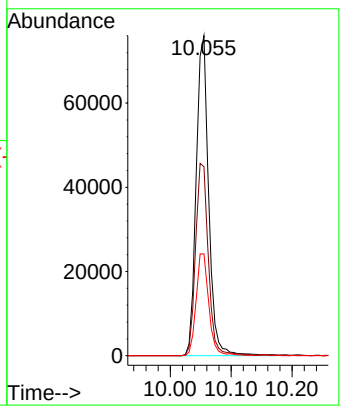


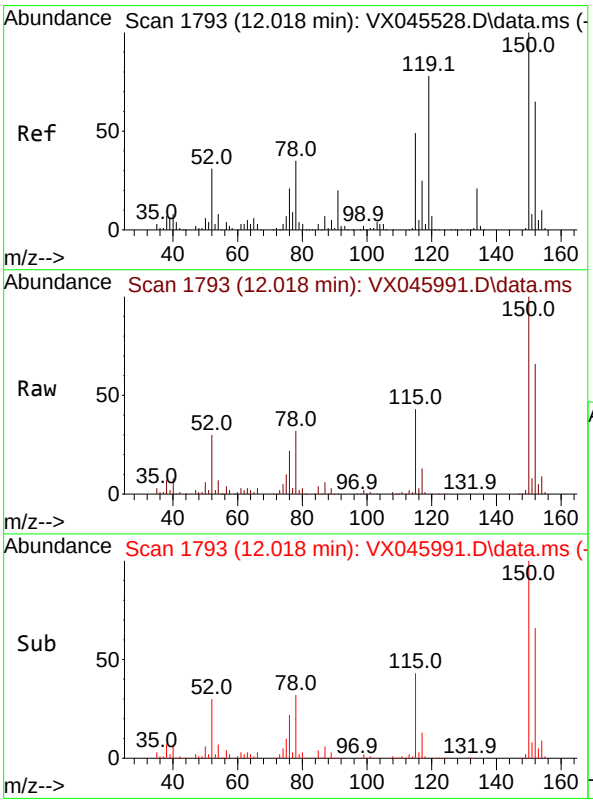
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Tgt Ion:117 Resp: 108001

Ion	Ratio	Lower	Upper
117	100		
82	59.0	49.2	73.8
119	31.8	25.1	37.7

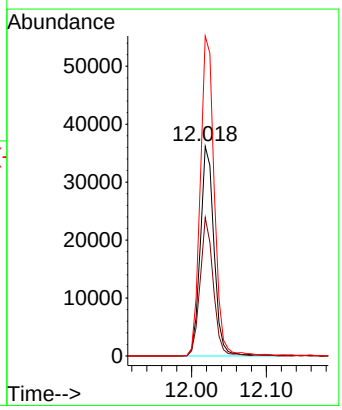




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion:152 Resp: 46147

Ion	Ratio	Lower	Upper
152	100		
115	63.5	46.9	140.7
150	156.0	0.0	349.4



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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_N Calibration Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:29 14:29

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086277.D RRF005 = VN086278.D RRF010 = VN086279.D
RRF020 = VN086280.D RRF050 = VN086281.D RRF100 = VN086282.D

COMPOUND	RRF001	RRF005	RRF010	RRF020	RRF050	RRF100	$\overline{RRF}$	% RSD
Benzene	1.648	1.545	1.389	1.508	1.409	1.411	1.485	6.8
Toluene	1.003	0.963	0.865	0.941	0.892	0.895	0.927	5.6
Ethyl Benzene	2.210	2.112	1.873	2.028	1.918	1.941	2.014	6.4
m/p-Xylenes	0.809	0.795	0.705	0.757	0.727	0.734	0.754	5.4
o-Xylene	0.791	0.792	0.709	0.753	0.713	0.718	0.746	5.2
Isopropylbenzene	4.666	4.271	3.991	4.181	3.728	3.706	4.090	8.9
n-propylbenzene	5.366	5.072	4.629	4.862	4.488	4.501	4.820	7.3
1,3,5-Trimethylbenzene	3.800	3.518	3.178	3.418	3.083	3.088	3.348	8.5
tert-Butylbenzene	3.382	3.057	2.795	2.886	2.608	2.675	2.901	9.8
1,2,4-Trimethylbenzene	3.782	3.644	3.262	3.431	3.171	3.156	3.408	7.6
sec-Butylbenzene	4.451	4.309	3.897	3.991	3.763	3.729	4.023	7.3
p-Isopropyltoluene	3.603	3.487	3.174	3.290	3.158	3.185	3.316	5.6
n-Butylbenzene	3.209	3.013	2.746	2.921	2.838	2.910	2.939	5.4
1,2-Dichloroethane-d4		0.746	0.745	0.707	0.719	0.708	0.725	2.6
Dibromofluoromethane		0.267	0.255	0.230	0.215	0.194	0.232	12.8
Toluene-d8		1.247	1.281	1.185	1.251	1.237	1.240	2.8
4-Bromofluorobenzene		0.459	0.456	0.421	0.459	0.467	0.452	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_N_NEW

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025
Response Via : Initial Calibration

Calibration Files
1 =VN086277.D 5 =VN086278.D 10 =VN086279.D 20 =VN086280.D 50 =VN086281.D 100 =VN086282.D

		Compound	1	5	10	20	50	100	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.606	0.561	0.582	0.624	0.591	0.593	0.593	3.56
3)	P	Chloromethane	1.113	0.904	0.783	0.819	0.754	0.795	0.861	15.46
4)	C	Vinyl Chloride	0.897	0.825	0.785	0.846	0.791	0.788	0.822	5.36#
5)	T	Bromomethane		0.383	0.370	0.395	0.356	0.344	0.370	5.53
6)	T	Chloroethane	0.650	0.580	0.519	0.543	0.500	0.509	0.550	10.31
7)	T	Trichlorofluor...	0.988	0.951	0.859	0.927	0.863	0.875	0.911	5.87
8)	T	Diethyl Ether	0.423	0.421	0.375	0.415	0.374	0.377	0.398	6.12
9)	T	1,1,2-Trichlor...	0.577	0.581	0.522	0.567	0.526	0.532	0.551	4.93
10)	T	Methyl Iodide		0.598	0.564	0.636	0.599	0.631	0.606	4.84
11)	T	Tert butyl alc...		0.145	0.135	0.142	0.124	0.115	0.132	9.44
12)	CM	1,1-Dichloroet...	0.660	0.622	0.553	0.588	0.551	0.557	0.588	7.59#
13)	T	Acrolein		0.121	0.070	0.065	0.061	0.060	0.075	34.06
14)	T	Allyl chloride	1.330	1.082	0.957	1.025	0.929	0.954	1.046	14.33
15)	T	Acrylonitrile	0.332	0.349	0.308	0.343	0.317	0.313	0.327	5.13
16)	T	Acetone	0.423	0.284	0.252	0.283	0.251	0.247	0.290	23.22
17)	T	Carbon Disulfide	2.325	1.864	1.602	1.721	1.558	1.503	1.762	17.28
18)	T	Methyl Acetate	1.024	0.912	0.819	0.864	0.781	0.822	0.870	10.04
19)	T	Methyl tert-bu...	2.478	2.266	2.013	2.199	2.010	2.014	2.163	8.76
20)	T	Methylene Chlo...	0.782	0.707	0.616	0.670	0.619	0.629	0.670	9.71
21)	T	trans-1,2-Dich...	0.703	0.656	0.557	0.620	0.575	0.580	0.615	9.11
22)	T	Diisopropyl ether	2.660	2.385	2.107	2.266	2.109	2.128	2.276	9.58
23)	T	Vinyl Acetate	1.743	1.757	1.524	1.643	1.483	1.396	1.591	9.21
24)	P	1,1-Dichloroet...	1.315	1.274	1.122	1.206	1.136	1.152	1.201	6.57
25)	T	2-Butanone	0.504	0.473	0.420	0.466	0.425	0.420	0.451	7.73
26)	T	2,2-Dichloropr...	1.174	1.154	1.024	1.084	0.983	1.032	1.075	7.07
27)	T	cis-1,2-Dichlo...	0.882	0.810	0.694	0.764	0.714	0.720	0.764	9.32
28)	T	Bromochloromet...	0.545	0.608	0.436	0.465	0.495	0.506	0.509	11.96
29)	T	Tetrahydrofuran	0.337	0.319	0.286	0.314	0.281	0.273	0.302	8.30
30)	C	Chloroform	1.318	1.233	1.122	1.196	1.105	1.104	1.180	7.29#
31)	T	Cyclohexane		1.439	1.140	1.169	1.066	1.062	1.175	13.14
32)	T	1,1,1-Trichlor...	1.095	1.083	0.953	1.026	0.949	0.949	1.009	6.79
33)	S	1,2-Dichloroet...		0.746	0.745	0.707	0.719	0.708	0.725	2.63
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.267	0.255	0.230	0.215	0.194	0.232	12.85
36)	T	1,1-Dichloropr...	0.509	0.488	0.426	0.466	0.443	0.448	0.463	6.68
37)	T	Ethyl Acetate	0.585	0.509	0.458	0.491	0.446	0.439	0.488	11.15
38)	T	Carbon Tetrach...	0.470	0.471	0.409	0.449	0.423	0.426	0.441	5.93
39)	T	Methylcyclohexane	0.611	0.579	0.513	0.549	0.524	0.531	0.551	6.83
40)	TM	Benzene	1.648	1.545	1.389	1.508	1.409	1.411	1.485	6.81
41)	T	Methacrylonitrile	0.327	0.285	0.278	0.283	0.264	0.259	0.283	8.57
42)	TM	1,2-Dichloroet...	0.526	0.496	0.448	0.482	0.444	0.446	0.474	7.09
43)	T	Isopropyl Acetate	2.155	1.263	0.969	0.975	0.866	0.833	1.177	42.71
44)	TM	Trichloroethene	0.390	0.357	0.334	0.352	0.338	0.341	0.352	5.83
45)	C	1,2-Dichloropr...	0.378	0.383	0.355	0.368	0.349	0.347	0.364	4.24#
46)	T	Dibromomethane	0.234	0.244	0.220	0.239	0.227	0.226	0.232	3.74
47)	T	Bromodichlorom...	0.531	0.530	0.477	0.510	0.475	0.477	0.500	5.39
48)	T	Methyl methacr...	0.517	0.436	0.404	0.433	0.395	0.386	0.429	11.14
49)	T	1,4-Dioxane	0.009	0.008	0.007	0.008	0.007	0.006	0.007	15.51
50)	S	Toluene-d8		1.247	1.281	1.185	1.251	1.237	1.240	2.81
51)	T	4-Methyl-2-Pen...	0.522	0.522	0.479	0.521	0.484	0.471	0.500	4.90
52)	CM	Toluene	1.003	0.963	0.865	0.941	0.892	0.895	0.927	5.60#
53)	T	t-1,3-Dichloro...	0.576	0.574	0.528	0.572	0.547	0.554	0.558	3.38
54)	T	cis-1,3-Dichlo...	0.679	0.636	0.580	0.621	0.577	0.587	0.613	6.52
55)	T	1,1,2-Trichlor...	0.367	0.357	0.315	0.332	0.318	0.313	0.333	6.91
56)	T	Ethyl methacry...	0.668	0.644	0.578	0.623	0.579	0.585	0.613	6.23

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
Method File : 82N041525W.M

57)	T	1,3-Dichloropr...	0.629	0.617	0.567	0.602	0.564	0.571	0.592	4.75
58)	T	2-Chloroethyl ...	0.294	0.354	0.242	0.275	0.287	0.294	0.291	12.51
59)	T	2-Hexanone	0.394	0.387	0.355	0.383	0.355	0.349	0.371	5.28
60)	T	Dibromochlorom...	0.377	0.381	0.354	0.375	0.353	0.356	0.366	3.48
61)	T	1,2-Dibromoethane	0.359	0.342	0.319	0.350	0.324	0.323	0.336	4.94
62)	S	4-Bromofluorob...		0.459	0.456	0.421	0.459	0.467	0.452	4.02
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.419	0.399	0.358	0.390	0.371	0.370	0.385	5.83
65)	PM	Chlorobenzene	1.235	1.175	1.058	1.117	1.050	1.059	1.116	6.78
66)	T	1,1,1,2-Tetrac...	0.400	0.396	0.349	0.368	0.347	0.348	0.368	6.70
67)	C	Ethyl Benzene	2.210	2.112	1.873	2.028	1.918	1.941	2.014	6.39#
68)	T	m/p-Xylenes	0.809	0.795	0.705	0.757	0.727	0.734	0.754	5.38
69)	T	o-Xylene	0.791	0.792	0.709	0.753	0.713	0.718	0.746	5.16
70)	T	Styrene	1.306	1.288	1.156	1.245	1.218	1.246	1.243	4.28
71)	P	Bromoform	0.306	0.294	0.258	0.279	0.261	0.264	0.277	7.03
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	4.666	4.271	3.991	4.181	3.728	3.706	4.090	8.89
74)	T	N-amyl acetate	2.690	2.110	1.879	2.000	1.778	1.760	2.036	17.03
75)	P	1,1,2,2-Tetrac...	1.347	1.294	1.181	1.212	1.035	0.985	1.176	12.07
76)	T	1,2,3-Trichlor...	1.518	1.144	1.153	1.182	1.042	1.040	1.180	14.93
77)	T	Bromobenzene	0.968	0.935	0.905	0.946	0.850	0.833	0.906	5.99
78)	T	n-propylbenzene	5.366	5.072	4.629	4.862	4.488	4.501	4.820	7.26
79)	T	2-Chlorotoluene	3.378	3.247	2.908	3.058	2.759	2.745	3.016	8.61
80)	T	1,3,5-Trimethy...	3.800	3.518	3.178	3.418	3.083	3.088	3.348	8.50
81)	T	trans-1,4-Dich...		0.526	0.493	0.494	0.461	0.482	0.491	4.81
82)	T	4-Chlorotoluene	3.304	3.152	2.851	3.047	2.810	2.812	2.996	6.86
83)	T	tert-Butylbenzene	3.382	3.057	2.795	2.886	2.608	2.675	2.901	9.80
84)	T	1,2,4-Trimethy...	3.782	3.644	3.262	3.431	3.171	3.156	3.408	7.62
85)	T	sec-Butylbenzene	4.451	4.309	3.897	3.991	3.763	3.729	4.023	7.34
86)	T	p-Isopropyltol...	3.603	3.487	3.174	3.290	3.158	3.185	3.316	5.63
87)	T	1,3-Dichlorobe...	1.866	1.822	1.618	1.698	1.610	1.608	1.704	6.72
88)	T	1,4-Dichlorobe...	1.942	1.815	1.615	1.713	1.614	1.597	1.716	8.05
89)	T	n-Butylbenzene	3.209	3.013	2.746	2.921	2.838	2.910	2.939	5.43
90)	T	Hexachloroethane	0.617	0.586	0.530	0.557	0.518	0.538	0.558	6.74
91)	T	1,2-Dichlorobe...	1.819	1.820	1.565	1.646	1.559	1.502	1.652	8.35
92)	T	1,2-Dibromo-3-...	0.234	0.274	0.229	0.251	0.222	0.213	0.237	9.21
93)	T	1,2,4-Trichlor...	0.822	0.865	0.730	0.793	0.765	0.771	0.791	5.99
94)	T	Hexachlorobuta...	0.308	0.339	0.286	0.301	0.280	0.278	0.299	7.61
95)	T	Naphthalene	3.012	2.955	2.601	2.904	2.675	2.674	2.804	6.20
96)	T	1,2,3-Trichlor...	0.819	0.810	0.697	0.749	0.708	0.709	0.749	7.25

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086277.D
Acq On : 15 Apr 2025 11:29
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:54:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.224	168	218868	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	404752	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	341637	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145129	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 74 - 125		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 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.124	85	2651	1.022	ug/l		95
3) Chloromethane	2.360	50	4871	1.292	ug/l		93
4) Vinyl Chloride	2.518	62	3928	1.092	ug/l		94
6) Chloroethane	3.124	64	2846	1.182	ug/l	#	86
7) Trichlorofluoromethane	3.495	101	4327	1.086	ug/l	#	79
8) Diethyl Ether	3.965	74	1853	1.065	ug/l		91
9) 1,1,2-Trichlorotrifluo...	4.365	101	2525	1.047	ug/l	#	84
12) 1,1-Dichloroethene	4.342	96	2890	1.122	ug/l		97
14) Allyl chloride	5.018	41	5821	1.272	ug/l		94
15) Acrylonitrile	5.730	53	7256	5.069	ug/l		100
16) Acetone	4.430	43	9264m	2.774	ug/l		
17) Carbon Disulfide	4.706	76	10177	1.319	ug/l		97
18) Methyl Acetate	5.024	43	4481	1.176	ug/l		92
19) Methyl tert-butyl Ether	5.789	73	10847	1.145	ug/l	#	91
20) Methylene Chloride	5.271	84	3423	1.167	ug/l	#	94
21) trans-1,2-Dichloroethene	5.783	96	3079	1.143	ug/l	#	84
22) Diisopropyl ether	6.665	45	11644	1.169	ug/l		98
23) Vinyl Acetate	6.606	43	38143	5.479	ug/l		96
24) 1,1-Dichloroethane	6.565	63	5756	1.095	ug/l	#	85
25) 2-Butanone	7.489	43	11026	5.581	ug/l		99
26) 2,2-Dichloropropane	7.494	77	5139	1.092	ug/l		99
27) cis-1,2-Dichloroethene	7.489	96	3859	1.154	ug/l		90
28) Bromochloromethane	7.800	49	2387	1.071	ug/l	#	92
29) Tetrahydrofuran	7.841	42	7367	5.577	ug/l		93
30) Chloroform	7.959	83	5771	1.118	ug/l		98
32) 1,1,1-Trichloroethane	8.165	97	4792	1.085	ug/l	#	51
36) 1,1-Dichloropropene	8.371	75	4123	1.099	ug/l		94
37) Ethyl Acetate	7.559	43	4732	1.198	ug/l	#	91
38) Carbon Tetrachloride	8.359	117	3808	1.066	ug/l		100
39) Methylcyclohexane	9.594	83	4950	1.110	ug/l		96
40) Benzene	8.606	78	13340	1.110	ug/l		97
41) Methacrylonitrile	7.765	41	2651	1.158	ug/l	#	94
42) 1,2-Dichloroethane	8.665	62	4258	1.111	ug/l		96
43) Isopropyl Acetate	8.683	43	17444	0.619	ug/l	#	75
44) Trichloroethene	9.353	130	3157	1.108	ug/l		87
45) 1,2-Dichloropropane	9.612	63	3063	1.041	ug/l	#	86

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086277.D
Acq On : 15 Apr 2025 11:29
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:54:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
46) Dibromomethane	9.706	93	1891	1.009 ug/l	91
47) Bromodichloromethane	9.888	83	4302	1.062 ug/l #	97
48) Methyl methacrylate	9.683	41	4185	1.206 ug/l	94
49) 1,4-Dioxane	9.688	88	1477	25.032 ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	21143	5.227 ug/l	98
52) Toluene	10.624	92	8120	1.083 ug/l	99
53) t-1,3-Dichloropropene	10.841	75	4663	1.032 ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	5497	1.107 ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	2967	1.099 ug/l	93
56) Ethyl methacrylate	10.871	69	5409	1.090 ug/l	90
57) 1,3-Dichloropropane	11.159	76	5091	1.063 ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	11885	5.048 ug/l	97
59) 2-Hexanone	11.194	43	15945	5.315 ug/l	98
60) Dibromochloromethane	11.353	129	3054	1.031 ug/l	96
61) 1,2-Dibromoethane	11.465	107	2908	1.068 ug/l	90
64) Tetrachloroethene	11.106	164	2864	1.090 ug/l	95
65) Chlorobenzene	11.882	112	8440	1.107 ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	2734	1.087 ug/l #	62
67) Ethyl Benzene	11.959	91	15099	1.097 ug/l	96
68) m/p-Xylenes	12.071	106	11055	2.144 ug/l	98
69) o-Xylene	12.394	106	5408	1.061 ug/l	97
70) Styrene	12.406	104	8925	1.051 ug/l	96
71) Bromoform	12.576	173	2089	1.103 ug/l #	80
73) Isopropylbenzene	12.694	105	13542	1.141 ug/l	98
74) N-amyl acetate	12.494	43	7807	1.321 ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	3910	1.145 ug/l	94
76) 1,2,3-Trichloropropane	12.988	75	4407m	1.293 ug/l	
77) Bromobenzene	12.982	156	2811	1.069 ug/l	90
78) n-propylbenzene	13.029	91	15576	1.113 ug/l	98
79) 2-Chlorotoluene	13.124	91	9804	1.120 ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	11029	1.135 ug/l	99
82) 4-Chlorotoluene	13.218	91	9589	1.103 ug/l	98
83) tert-Butylbenzene	13.435	119	9817	1.166 ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	10977	1.110 ug/l	96
85) sec-Butylbenzene	13.612	105	12920	1.106 ug/l	98
86) p-Isopropyltoluene	13.729	119	10458	1.086 ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	5415	1.095 ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	5636m	1.132 ug/l	
89) n-Butylbenzene	14.053	91	9315	1.092 ug/l	99
90) Hexachloroethane	14.329	117	1792	1.107 ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	5279	1.101 ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	679	0.987 ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	2387	1.040 ug/l	93
94) Hexachlorobutadiene	15.494	225	893	1.030 ug/l	78
95) Naphthalene	15.641	128	8743	1.074 ug/l	97
96) 1,2,3-Trichlorobenzene	15.829	180	2378	1.094 ug/l	91

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

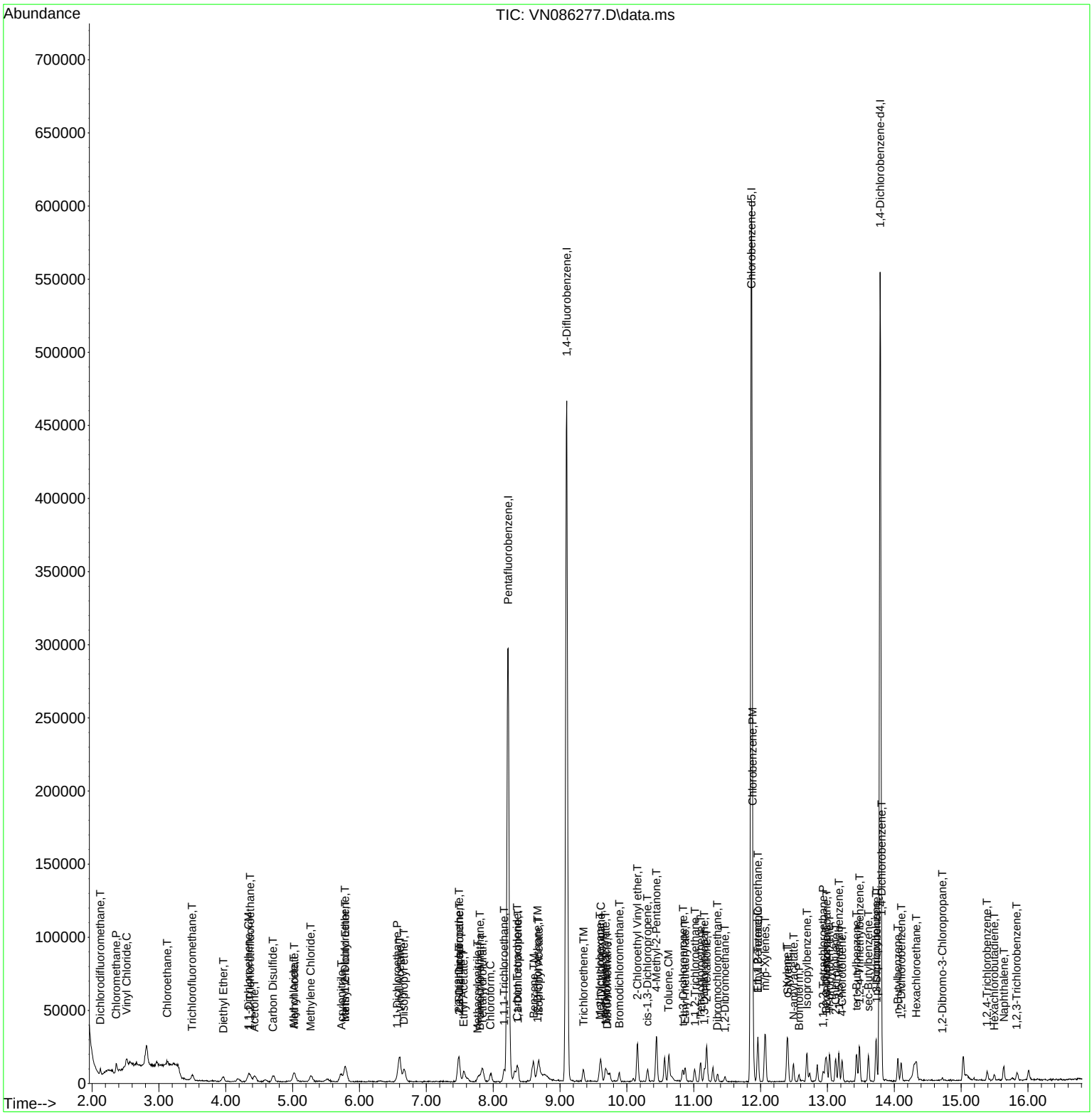
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086277.D
Acq On : 15 Apr 2025 11:29
Operator : JC\MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

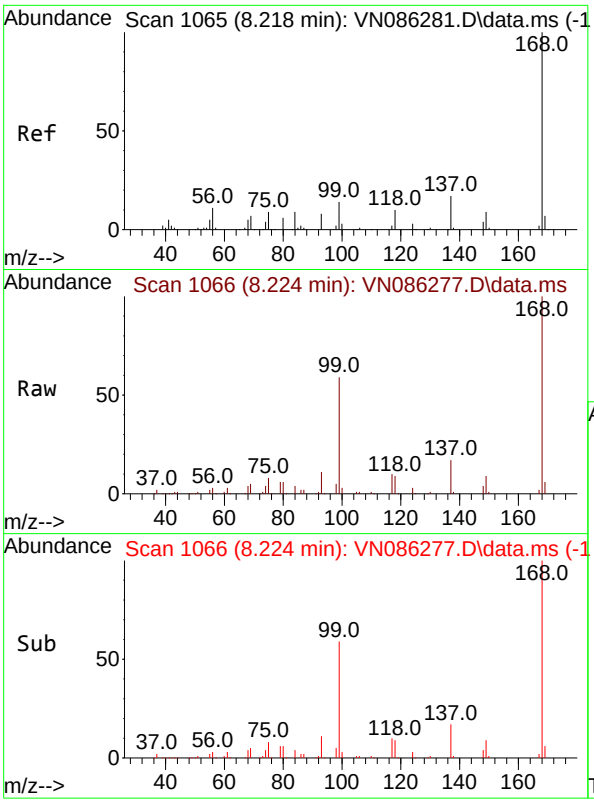
Quant Time: Apr 16 03:54:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

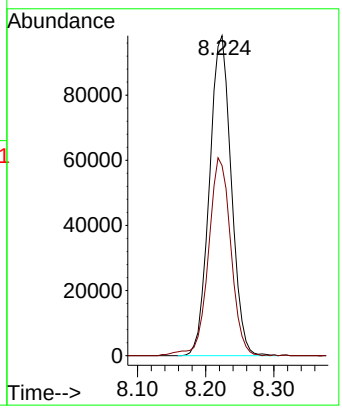




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:168 Resp: 21886

Ion	Ratio	Lower	Upper
168	100		
99	59.4	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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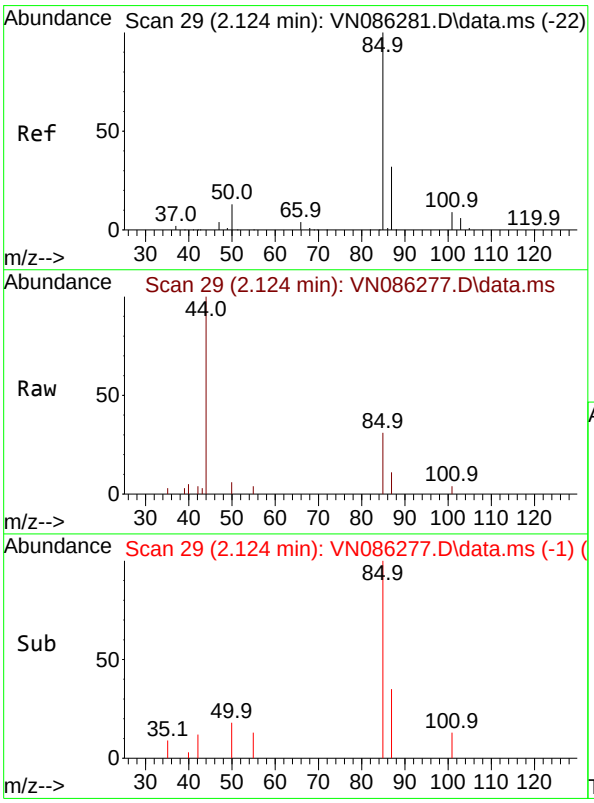
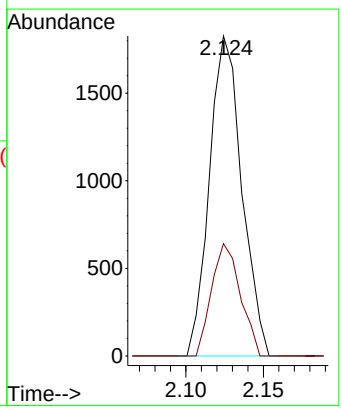
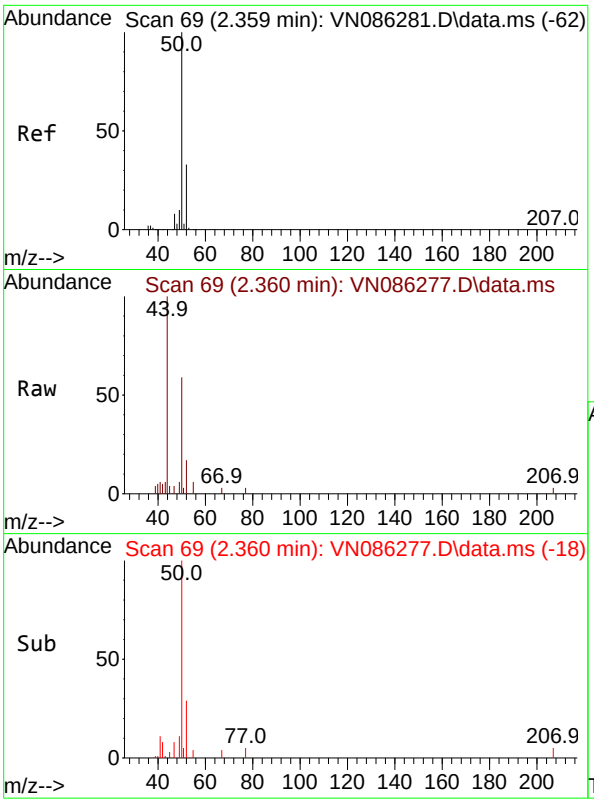


#2
Dichlorodifluoromethane
Concen: 1.022 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 85 Resp: 2651

Ion	Ratio	Lower	Upper
85	100		
87	35.1	16.3	48.8

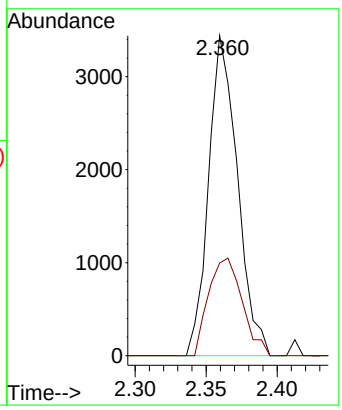




#3
Chloromethane
Concen: 1.292 ug/l
RT: 2.360 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 50 Resp: 487

Ion	Ratio	Lower	Upper
50	100		
52	29.0	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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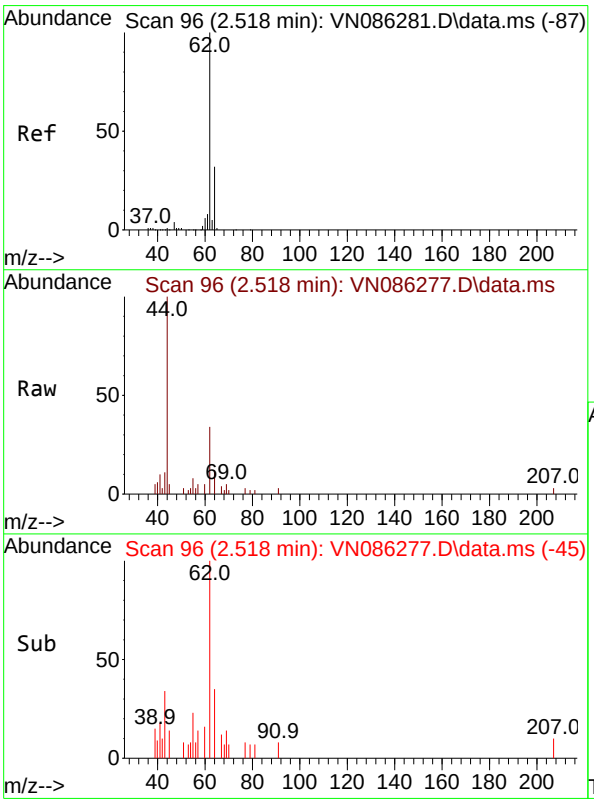
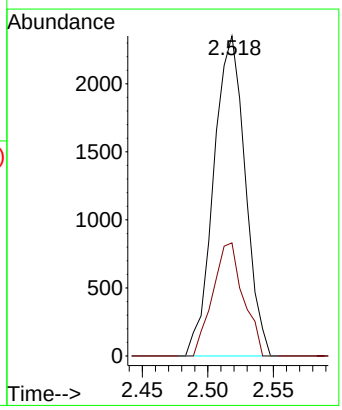
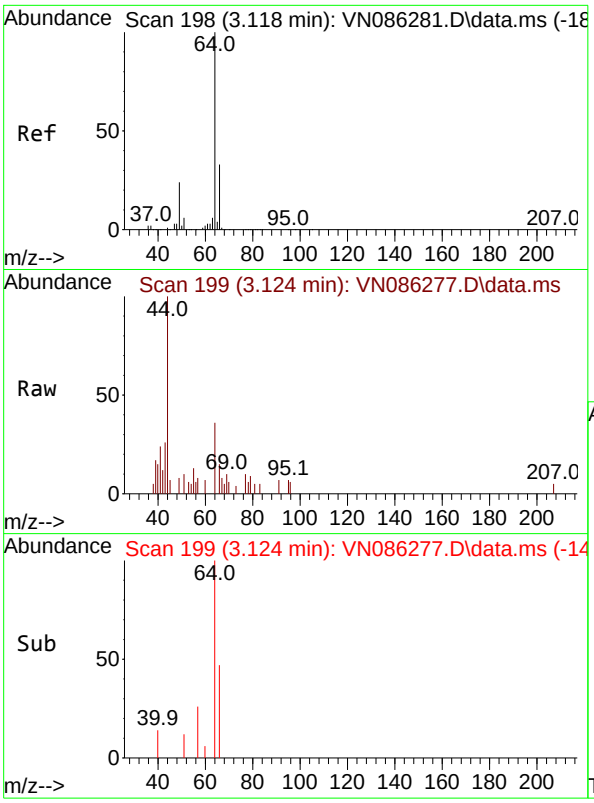


#4
Vinyl Chloride
Concen: 1.092 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 62 Resp: 3928

Ion	Ratio	Lower	Upper
62	100		
64	35.3	25.6	38.4

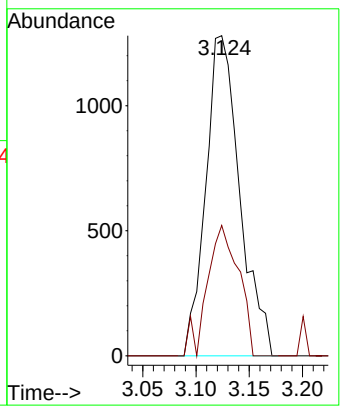




#6
Chloroethane
Concen: 1.182 ug/l
RT: 3.124 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 64 Resp: 284

Ion	Ratio	Lower	Upper
64	100		
66	40.7	26.2	39.2#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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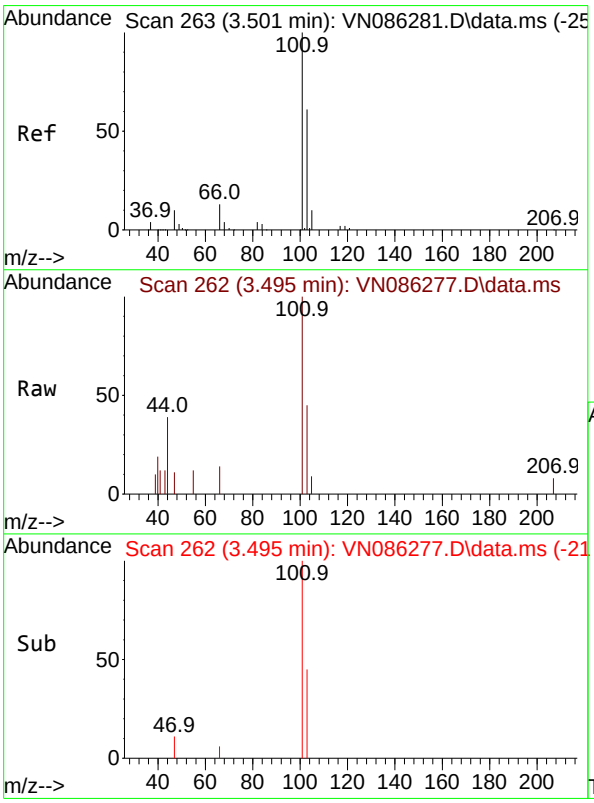
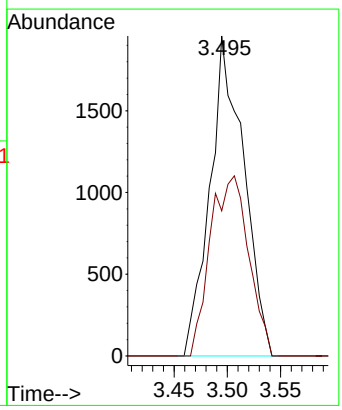
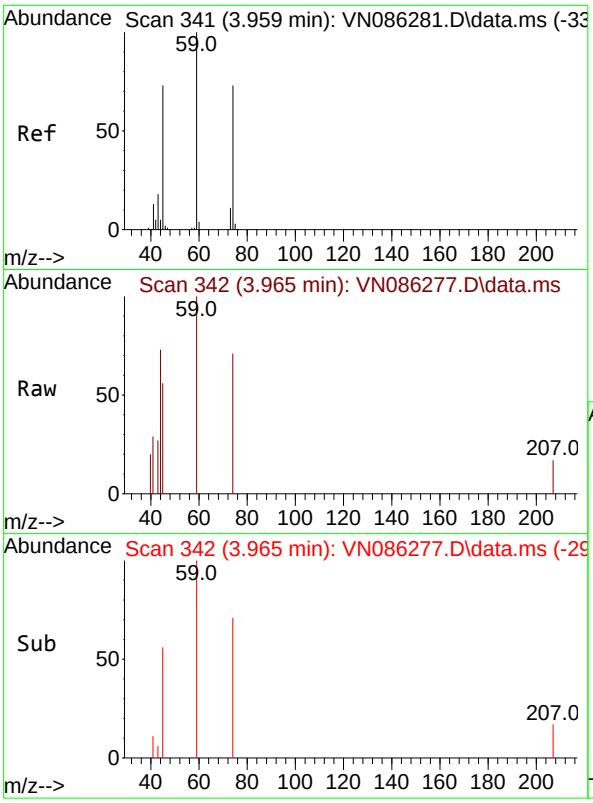


#7
Trichlorofluoromethane
Concen: 1.086 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:101 Resp: 4327

Ion	Ratio	Lower	Upper
101	100		
103	45.4	49.2	73.8#





#8
Diethyl Ether
Concen: 1.065 ug/l
RT: 3.965 min Scan# 34
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 74 Resp: 185

Ion	Ratio	Lower	Upper
74	100		
45	105.3	48.0	144.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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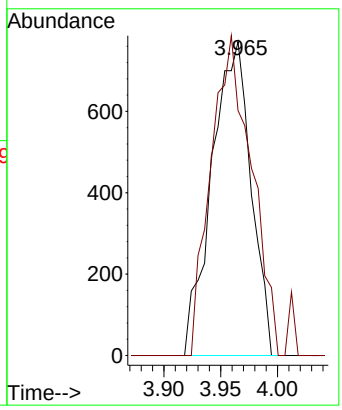
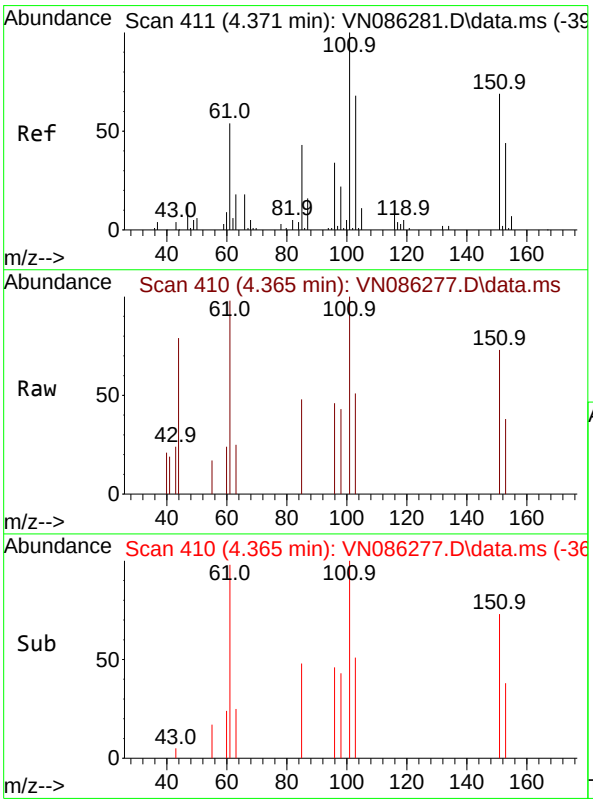
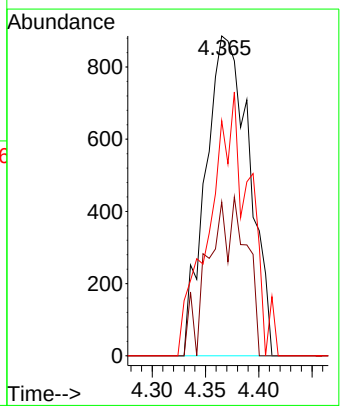


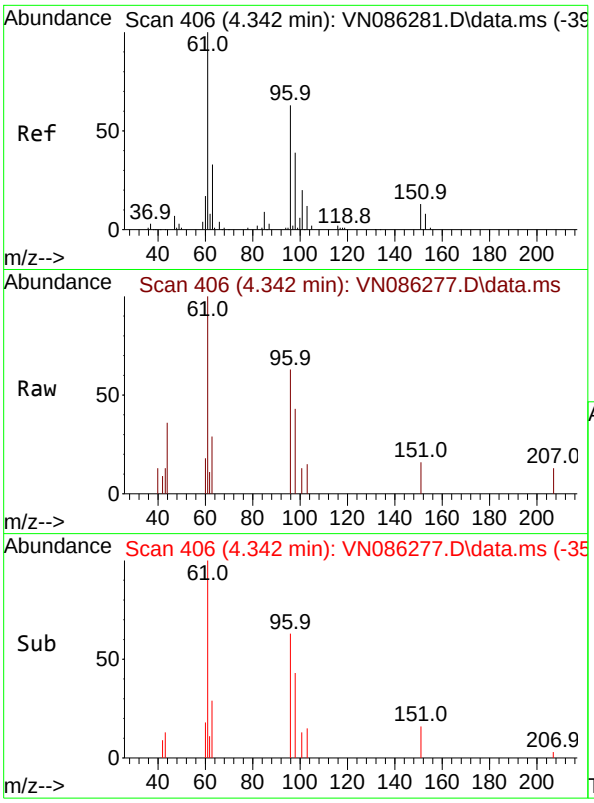


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.047 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:101 Resp: 2525

Ion	Ratio	Lower	Upper
101	100		
85	23.9	34.7	52.1#
151	75.8	56.1	84.1

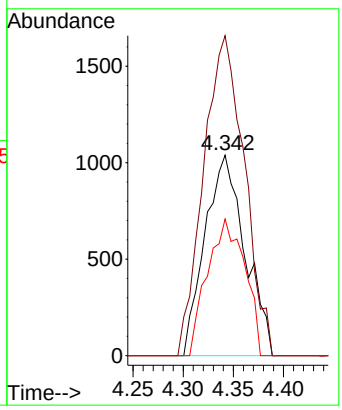




#12
1,1-Dichloroethene
Concen: 1.122 ug/l
RT: 4.342 min Scan# 4(
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 96 Resp: 289(

Ion	Ratio	Lower	Upper
96	100		
61	159.6	126.6	189.8
98	68.1	49.6	74.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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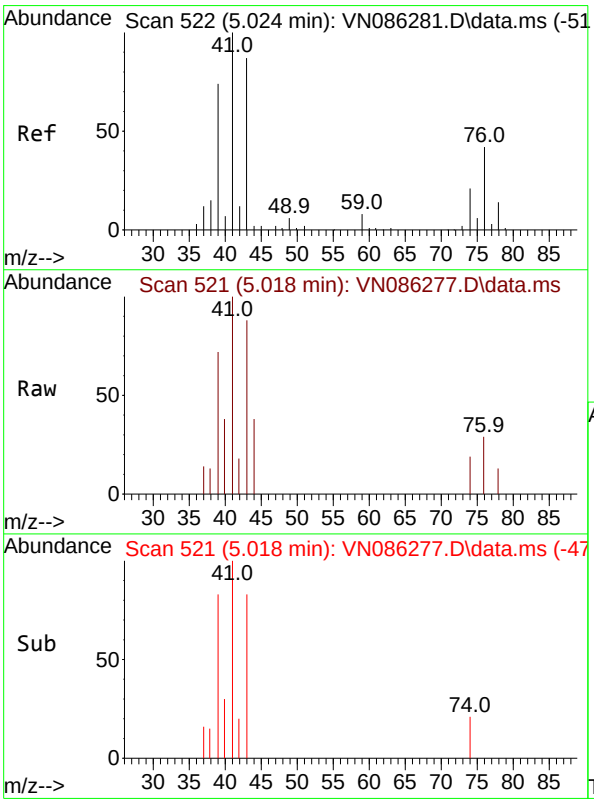
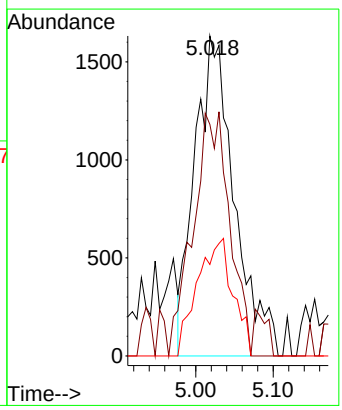
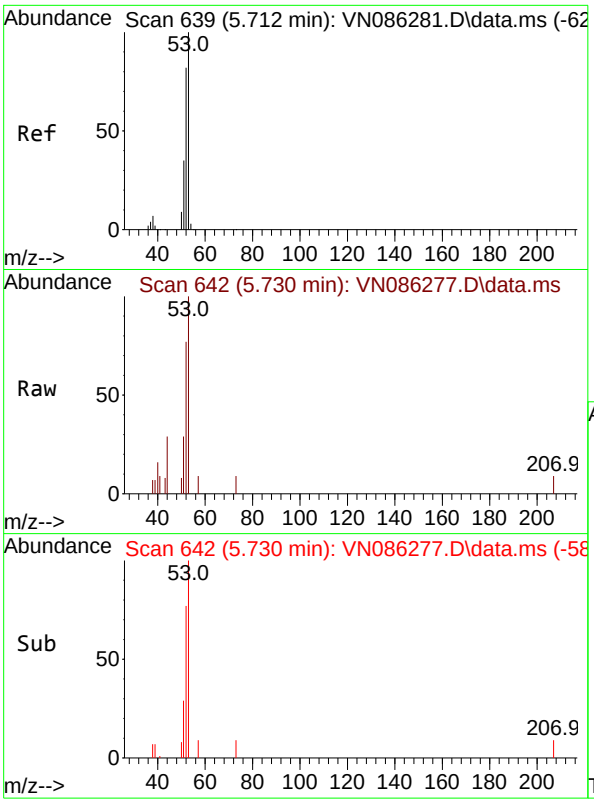


#14
Allyl chloride
Concen: 1.272 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 41 Resp: 5821

Ion	Ratio	Lower	Upper
41	100		
39	70.2	59.2	88.8
76	32.9	31.2	46.8

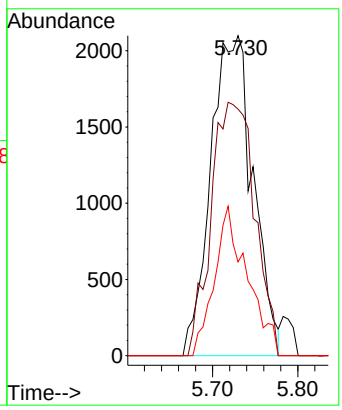




#15
Acrylonitrile
Concen: 5.069 ug/l
RT: 5.730 min Scan# 64
Delta R.T. 0.018 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 53 Resp: 725

Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.5	98.3
51	36.3	28.6	42.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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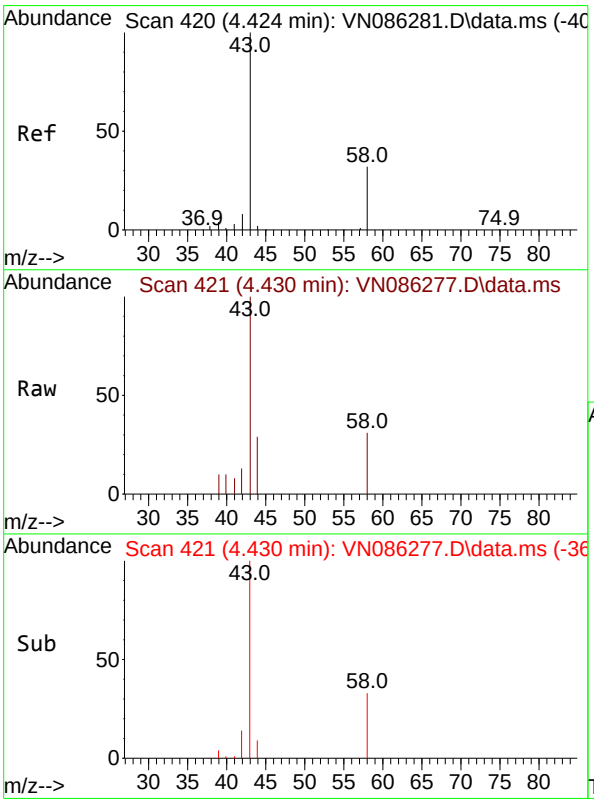
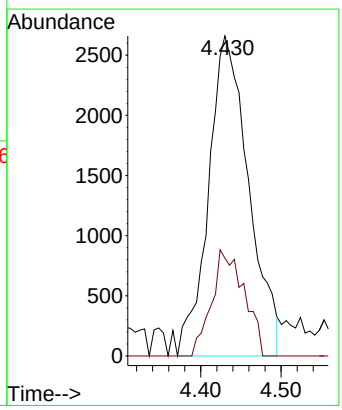
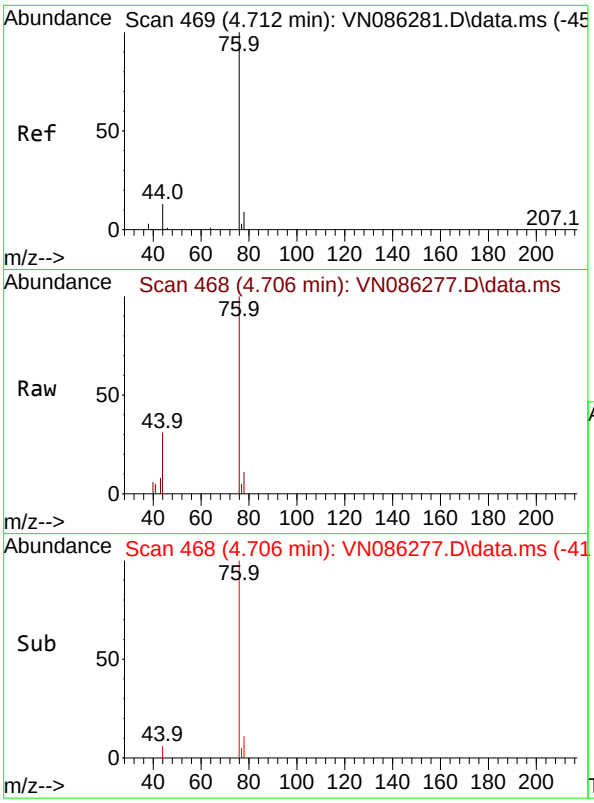


#16
Acetone
Concen: 2.774 ug/l m
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 9264

Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.3	37.9

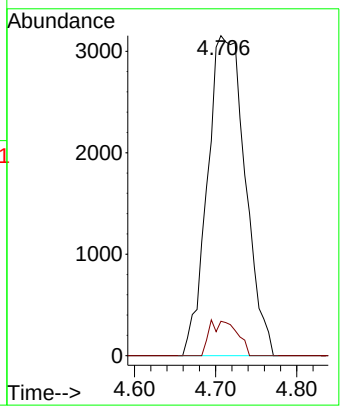




#17
Carbon Disulfide
Concen: 1.319 ug/l
RT: 4.706 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 76 Resp: 1017

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.6	11.4



Instrument :
MSVOA_N
ClientSampleId :
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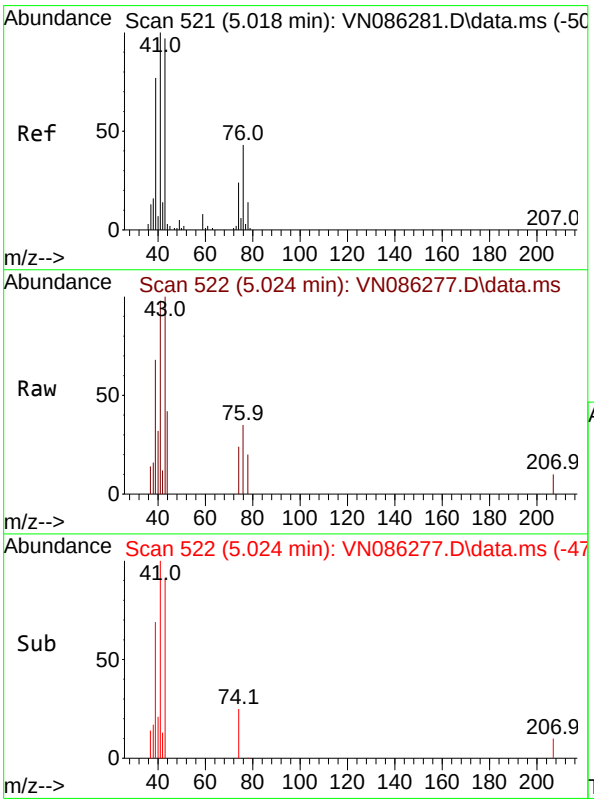
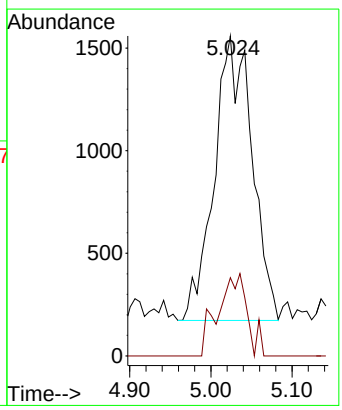
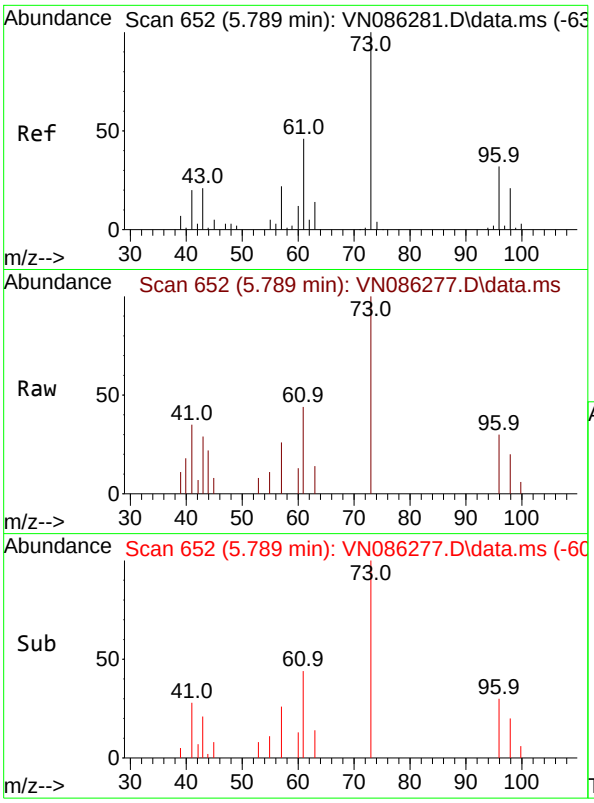


#18
Methyl Acetate
Concen: 1.176 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 4481

Ion	Ratio	Lower	Upper
43	100		
74	20.9	19.8	29.6

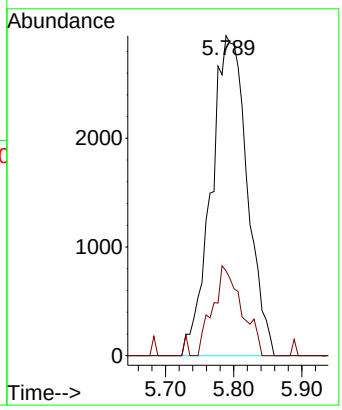




#19
Methyl tert-butyl Ether
Concen: 1.145 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 73 Resp: 1084

Ion	Ratio	Lower	Upper
73	100		
57	26.5	17.6	26.4#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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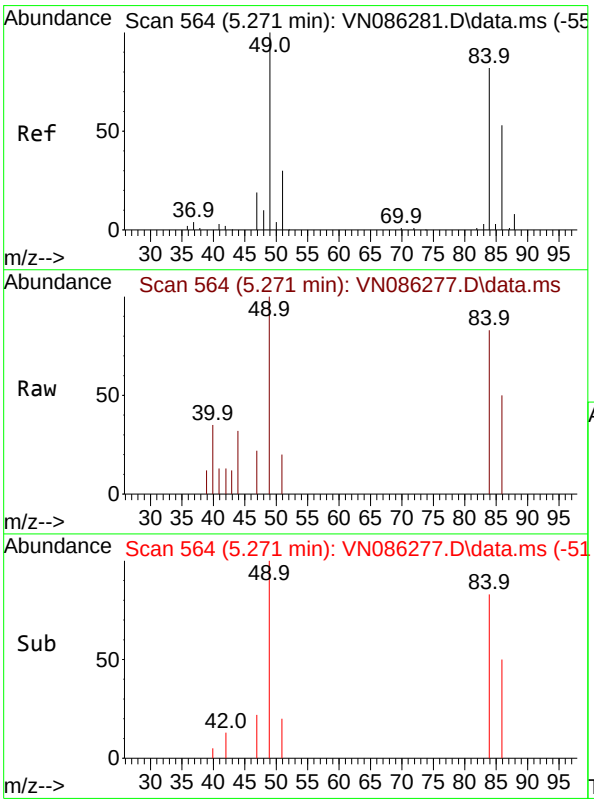
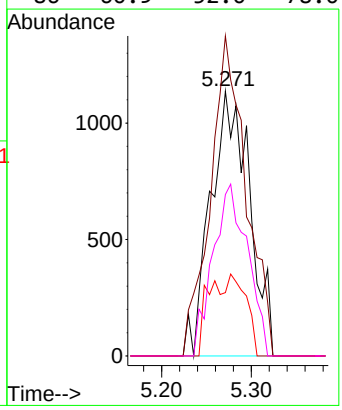
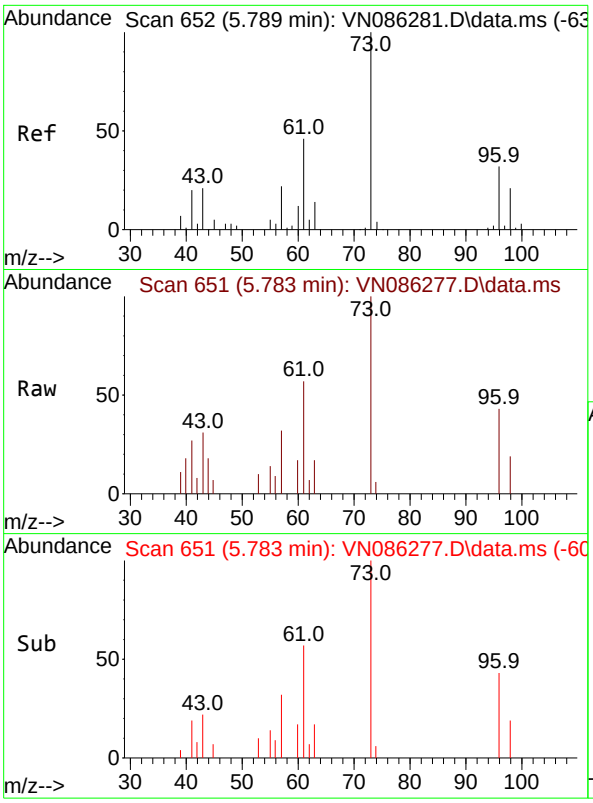


#20
Methylene Chloride
Concen: 1.167 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 84 Resp: 3423

Ion	Ratio	Lower	Upper
84	100		
49	120.8	98.2	147.2
51	23.9	29.8	44.6#
86	60.9	52.0	78.0

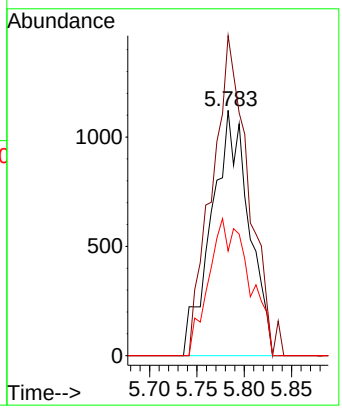




#21
trans-1,2-Dichloroethene
Concen: 1.143 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 96 Resp: 307

Ion	Ratio	Lower	Upper
96	100		
61	130.5	114.6	171.8
98	42.7	51.2	76.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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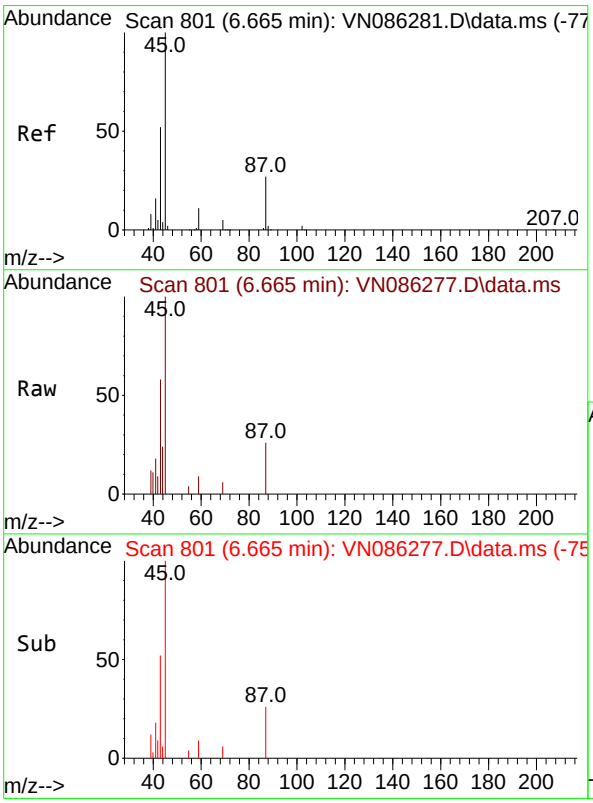
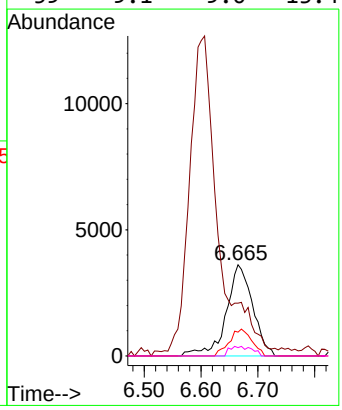
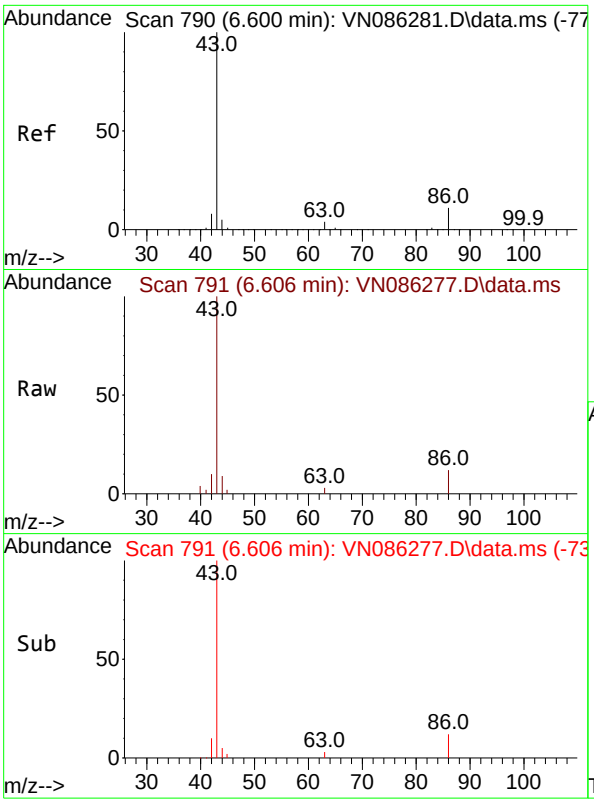


#22
Diisopropyl ether
Concen: 1.169 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 45 Resp: 11644

Ion	Ratio	Lower	Upper
45	100		
43	51.1	41.8	62.8
87	26.2	21.6	32.4
59	9.1	9.0	13.4





#23
Vinyl Acetate
Concen: 5.479 ug/l
RT: 6.606 min Scan# 7
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 3814

Ion	Ratio	Lower	Upper
43	100		
86	12.3	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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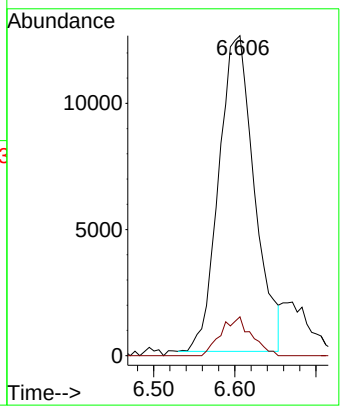
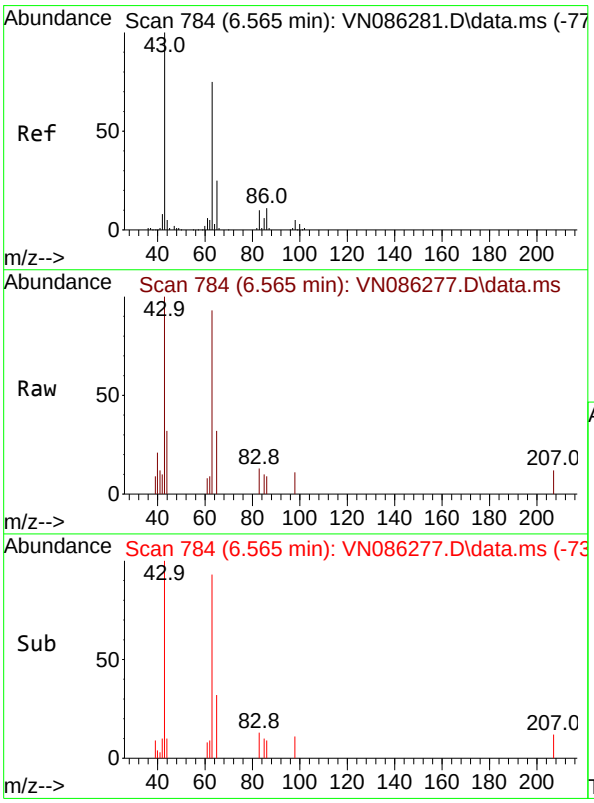
Supervised By :Semsettin Yesilyurt 04/16/2025

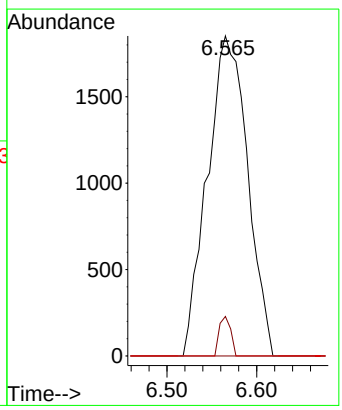


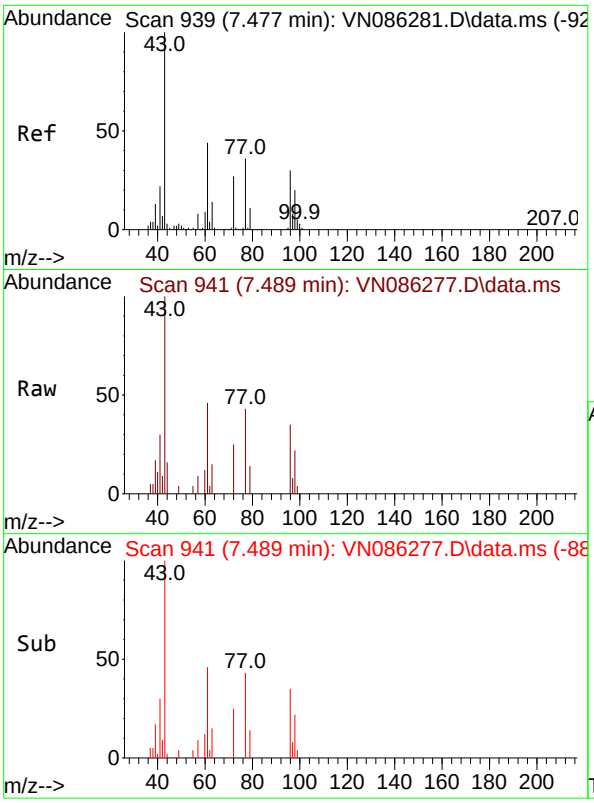


#24
1,1-Dichloroethane
Concen: 1.095 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 63 Resp: 5756

Ion	Ratio	Lower	Upper
63	100		
98	12.3	3.4	10.2#
100	0.0	2.1	6.5#

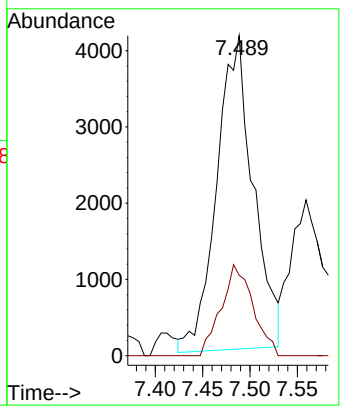




#25
2-Butanone
Concen: 5.581 ug/l
RT: 7.489 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 1102

Ion	Ratio	Lower	Upper
43	100		
72	26.5	21.7	32.5



Instrument :
MSVOA_N
ClientSampleId :
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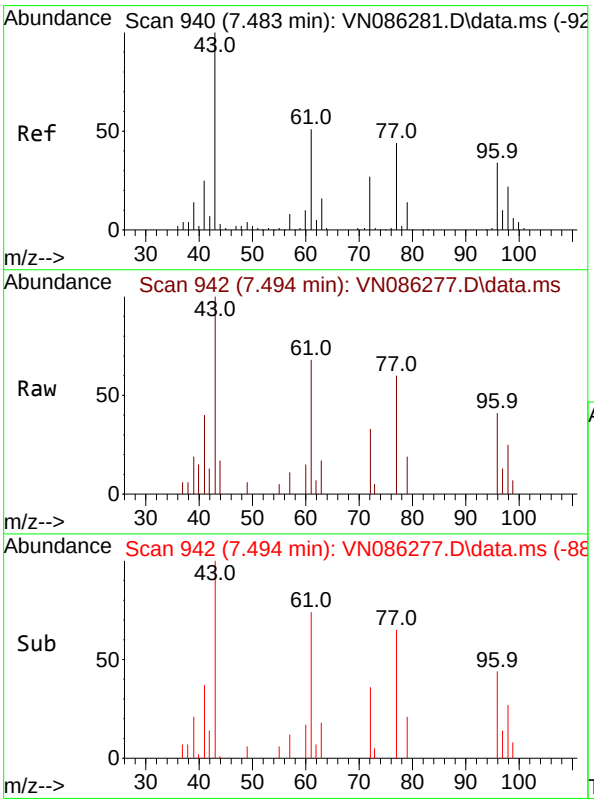
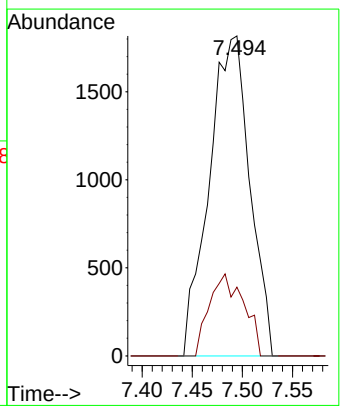
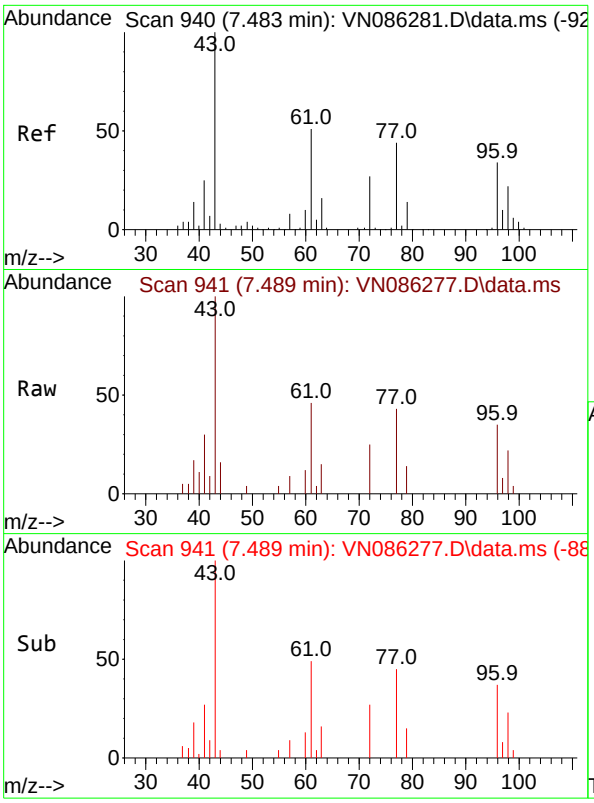


#26
2,2-Dichloropropane
Concen: 1.092 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 77 Resp: 5139

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.2	33.5

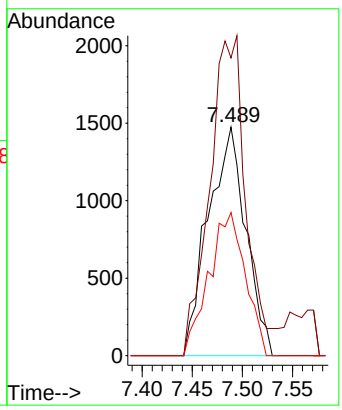




#27
cis-1,2-Dichloroethene
Concen: 1.154 ug/l
RT: 7.489 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 96 Resp: 385

Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	299.0
98	60.5	0.0	129.6



Instrument :
MSVOA_N
ClientSampleId :
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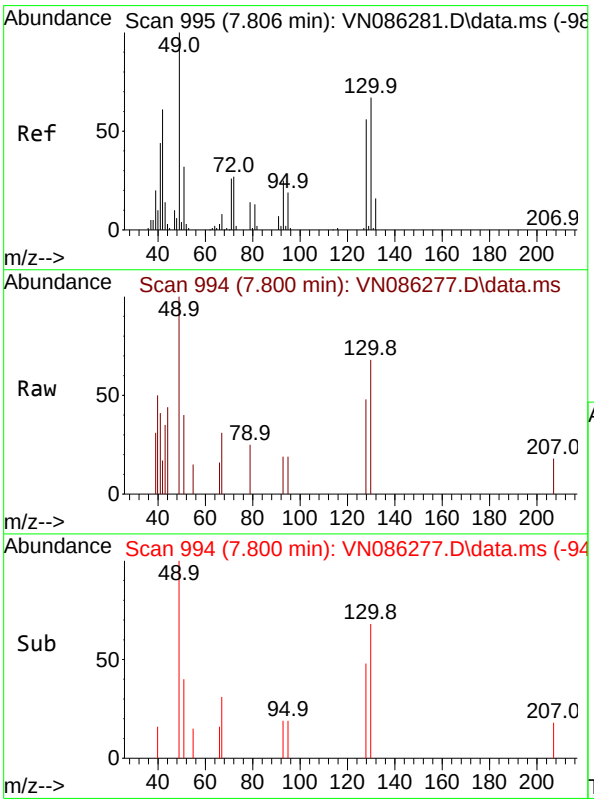
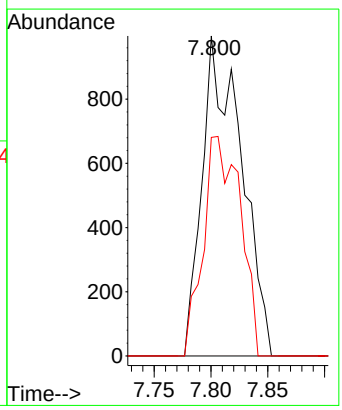
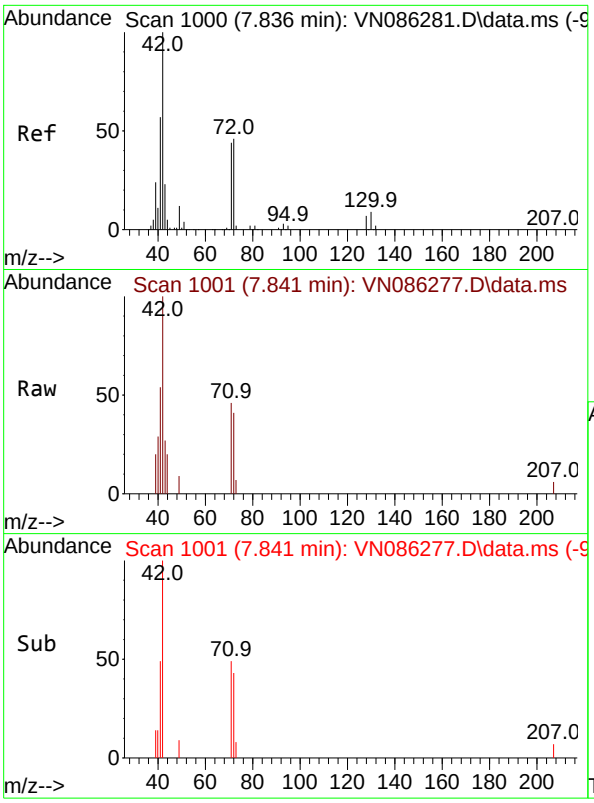


#28
Bromochloromethane
Concen: 1.071 ug/l
RT: 7.800 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 49 Resp: 2387

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	64.9	57.1	85.7





#29
Tetrahydrofuran
Concen: 5.577 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 42 Resp: 736

Ion	Ratio	Lower	Upper
42	100		
72	40.8	36.2	54.4
71	37.4	34.0	51.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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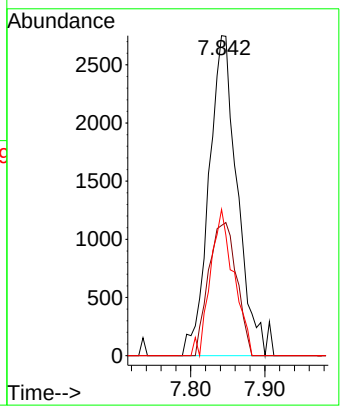
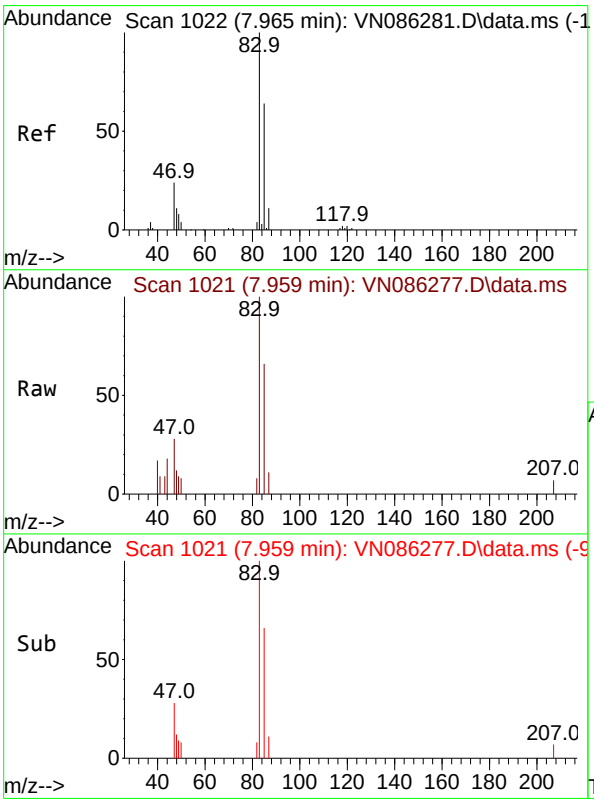
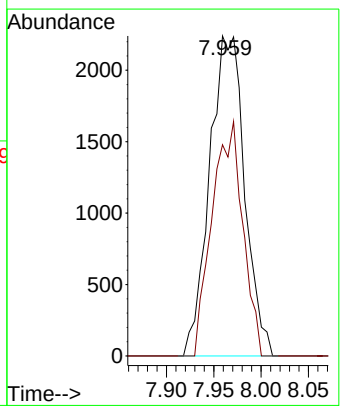


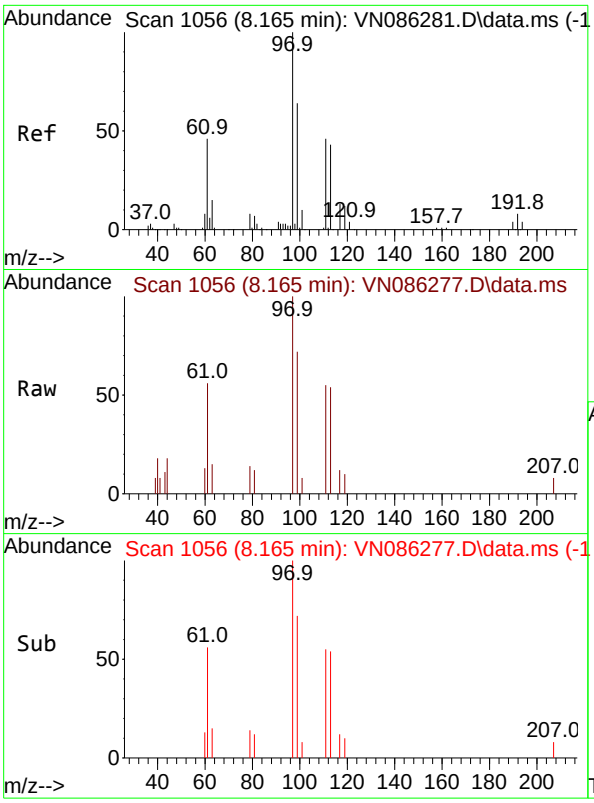


#30
Chloroform
Concen: 1.118 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 83 Resp: 5771

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.5	77.3

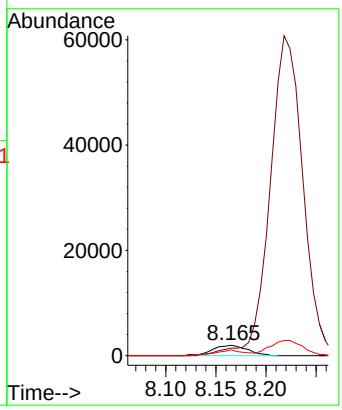




#32
1,1,1-Trichloroethane
Concen: 1.085 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 97 Resp: 479

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.7	79.1#
61	46.6	39.5	59.3



Instrument :
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ClientSampleId :
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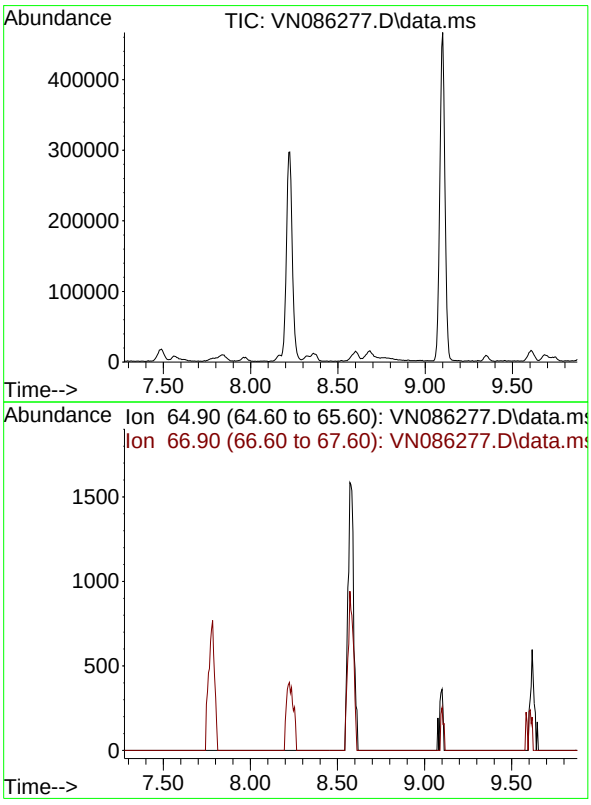
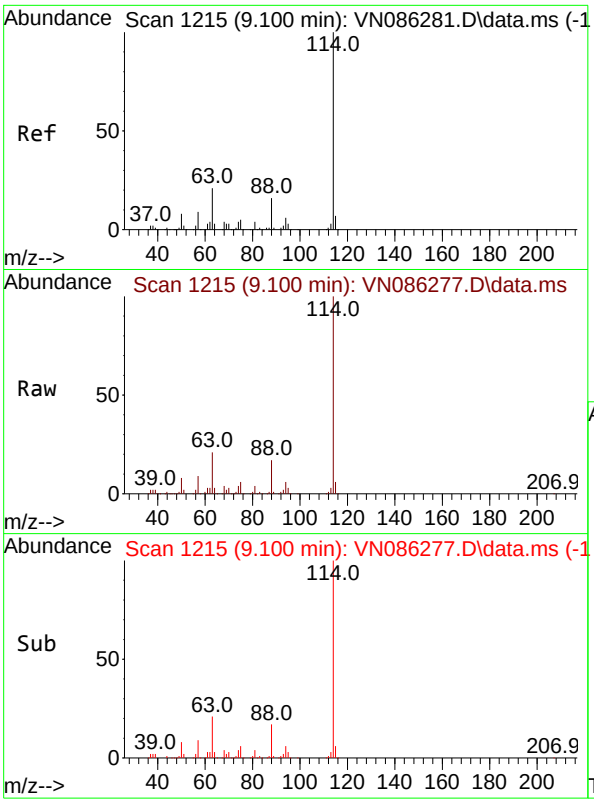


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.58 min

Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	53.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:114 Resp: 40475

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.6
88	16.7	0.0	31.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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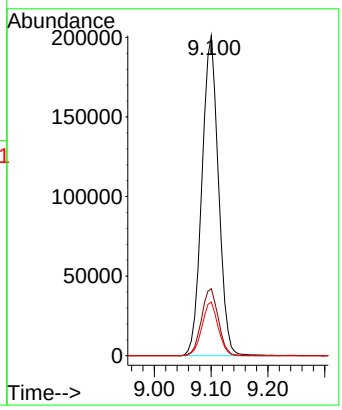
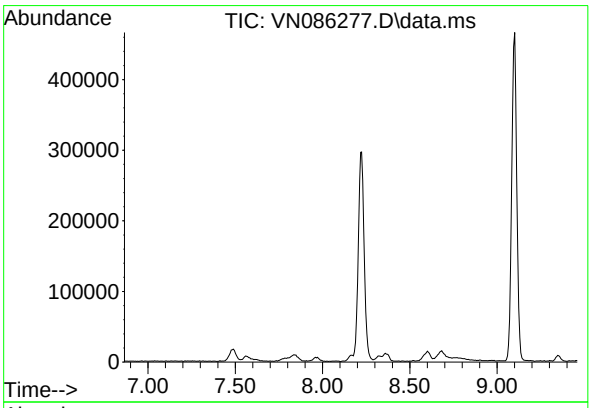


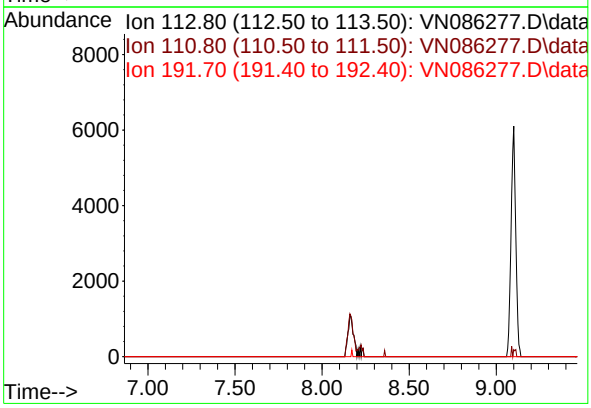


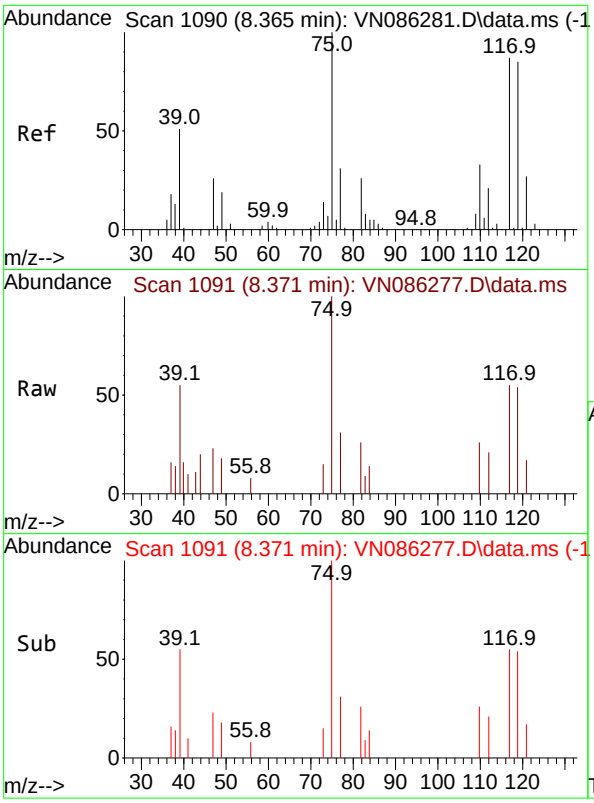
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.16 min

Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	104.2
192	17.1

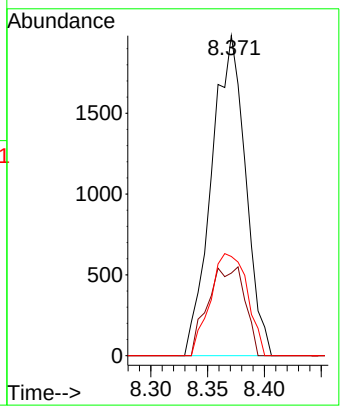




#36
1,1-Dichloropropene
Concen: 1.099 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 75 Resp: 412

Ion	Ratio	Lower	Upper
75	100		
110	30.0	16.8	50.4
77	34.7	24.9	37.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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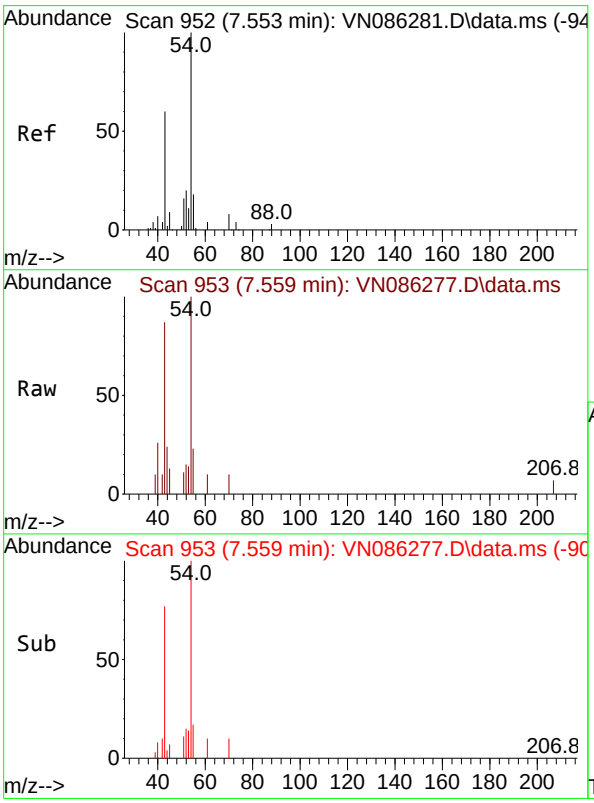
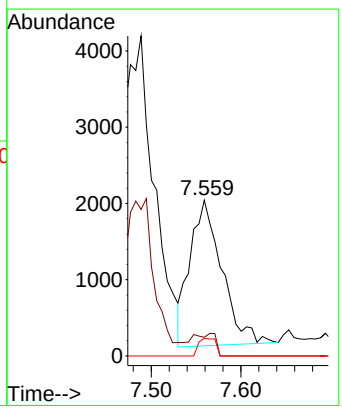
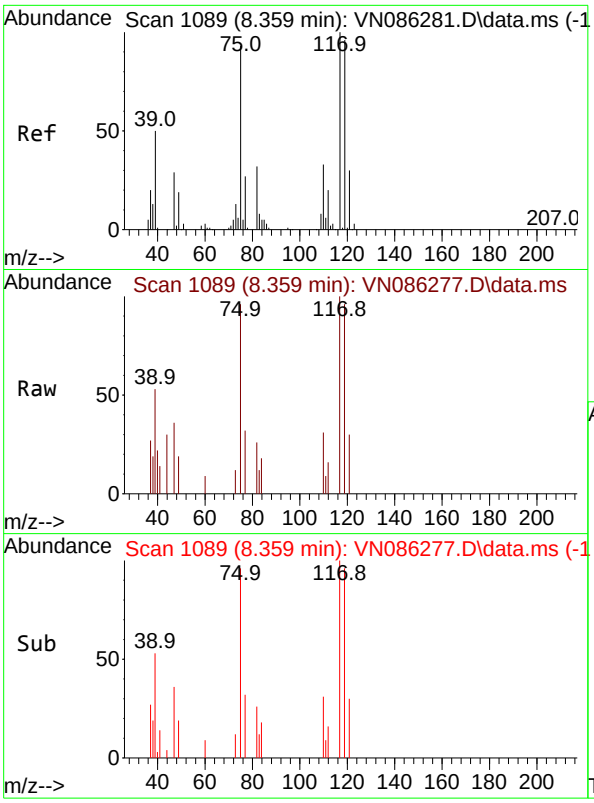


#37
Ethyl Acetate
Concen: 1.198 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 4732

Ion	Ratio	Lower	Upper
43	100		
61	11.6	11.1	16.7
70	6.4	9.2	13.8#

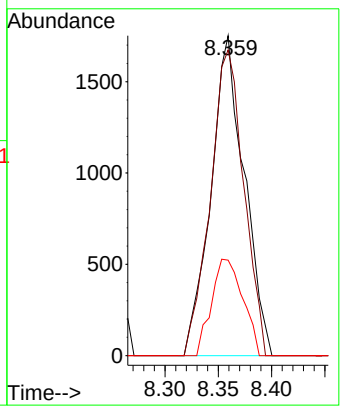




#38
Carbon Tetrachloride
Concen: 1.066 ug/l
RT: 8.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:117 Resp: 380

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.8	115.2
121	29.9	23.8	35.8



Instrument :
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ClientSampleId :
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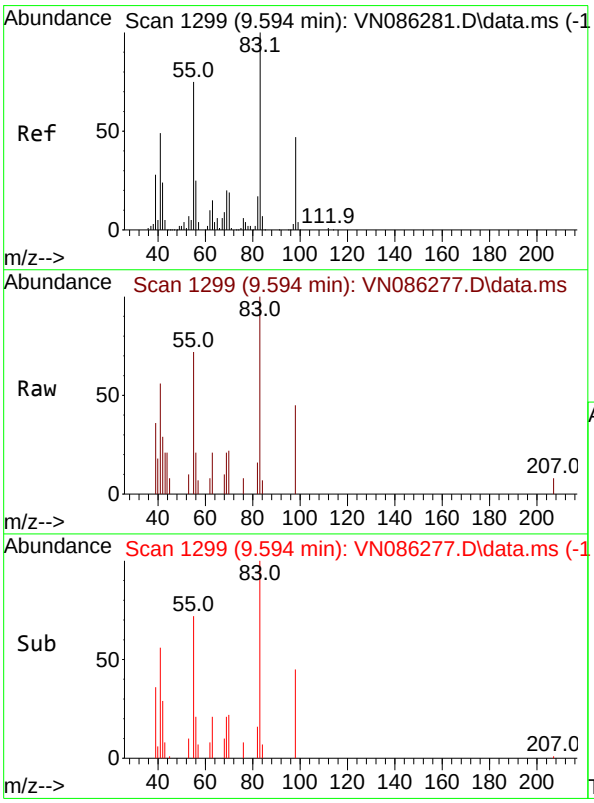
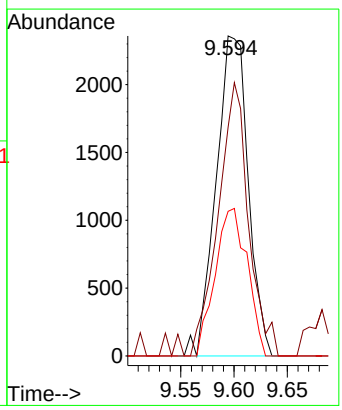
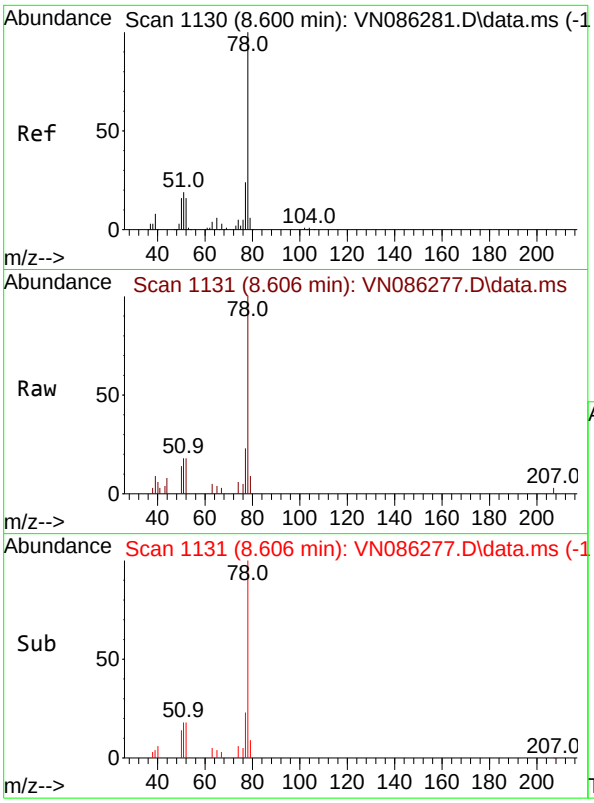


#39
Methylcyclohexane
Concen: 1.110 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 83 Resp: 4950

Ion	Ratio	Lower	Upper
83	100		
55	71.5	59.8	89.8
98	45.2	37.9	56.9

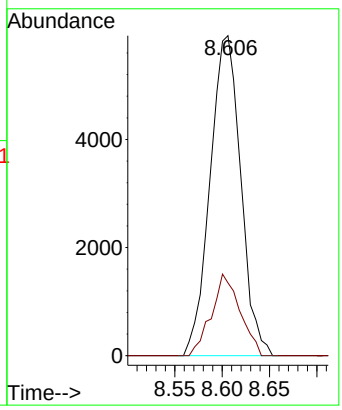




#40
Benzene
Concen: 1.110 ug/l
RT: 8.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 78 Resp: 1334

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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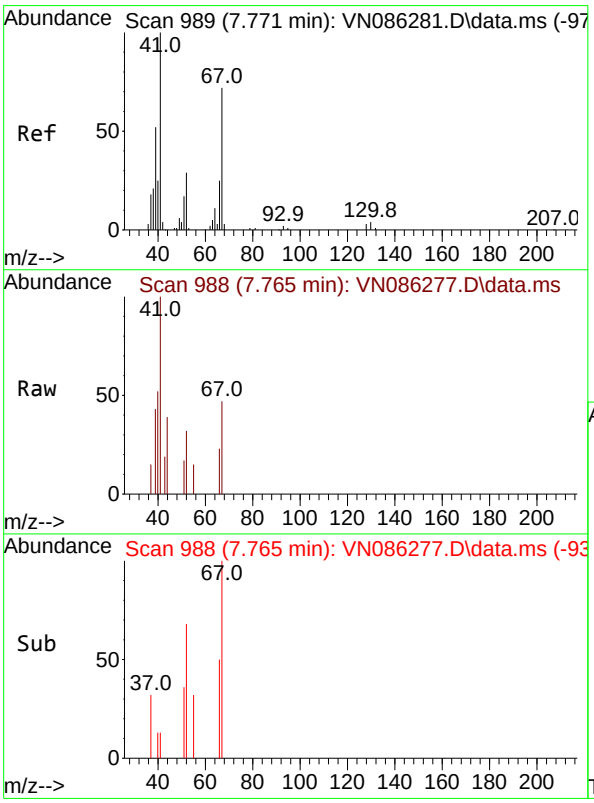
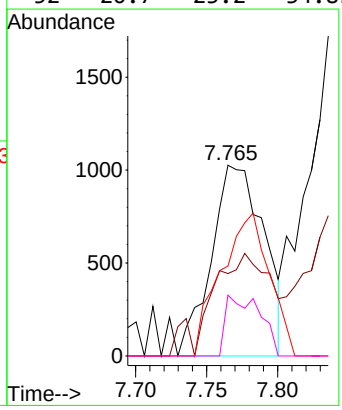
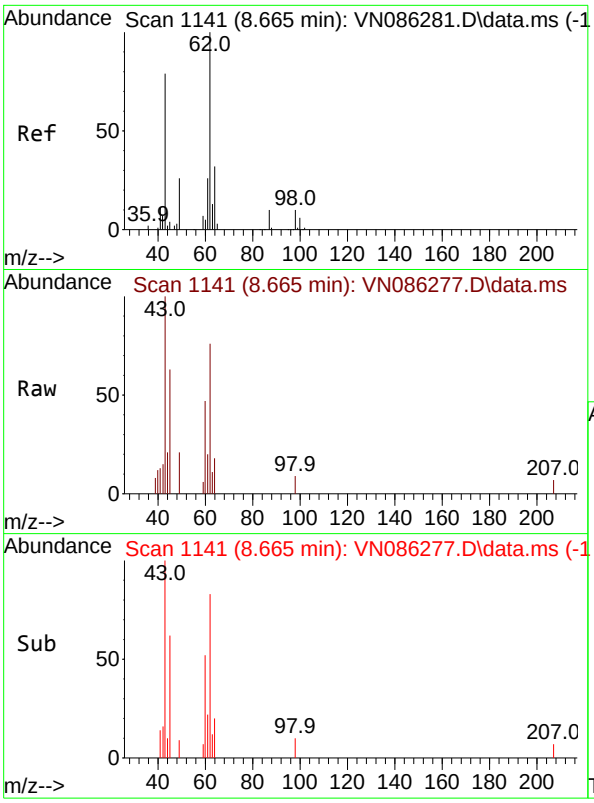


#41
Methacrylonitrile
Concen: 1.158 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 41 Resp: 2651

Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.0	64.4
67	68.9	58.8	88.2
52	20.7	23.2	34.8#





#42
1,2-Dichloroethane
Concen: 1.111 ug/l
RT: 8.665 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 62 Resp: 425

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	19.2

Instrument :
MSVOA_N
ClientSampleId :
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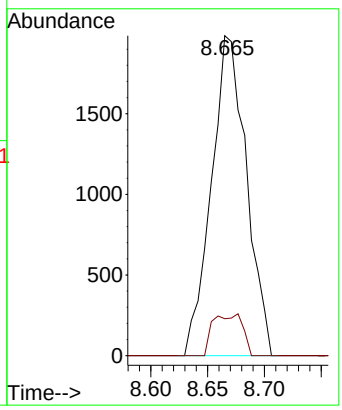
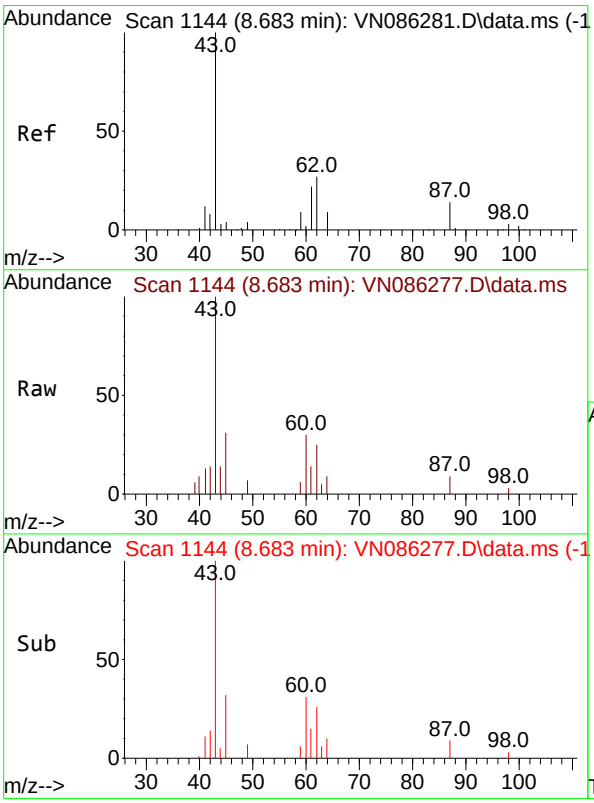
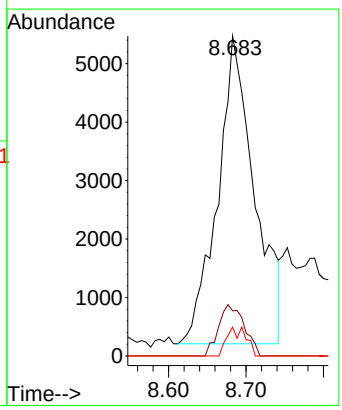


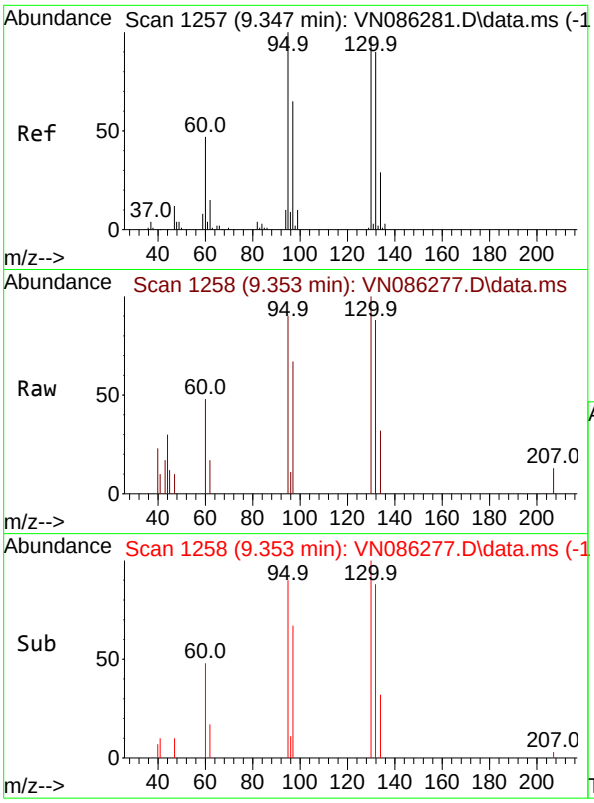


#43
Isopropyl Acetate
Concen: 0.619 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 17444

Ion	Ratio	Lower	Upper
43	100		
61	11.6	20.5	30.7#
87	4.9	10.5	15.7#

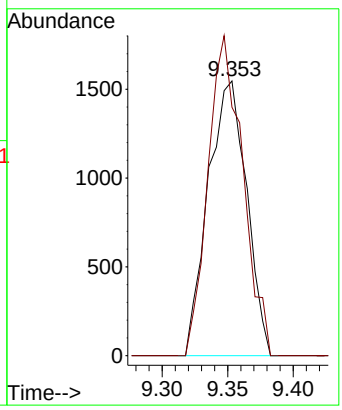




#44
Trichloroethene
Concen: 1.108 ug/l
RT: 9.353 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:130 Resp: 315

Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	207.2



Instrument :
MSVOA_N
ClientSampleId :
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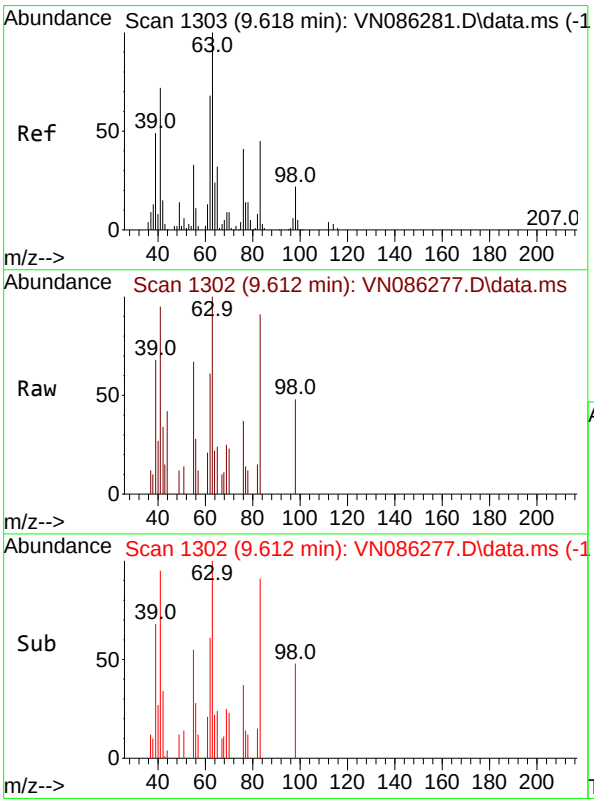
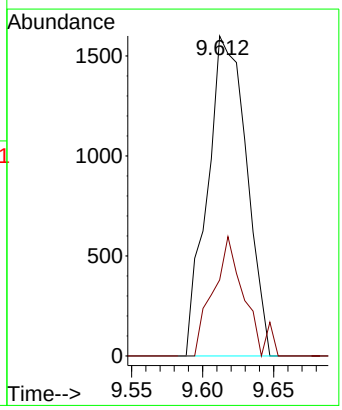
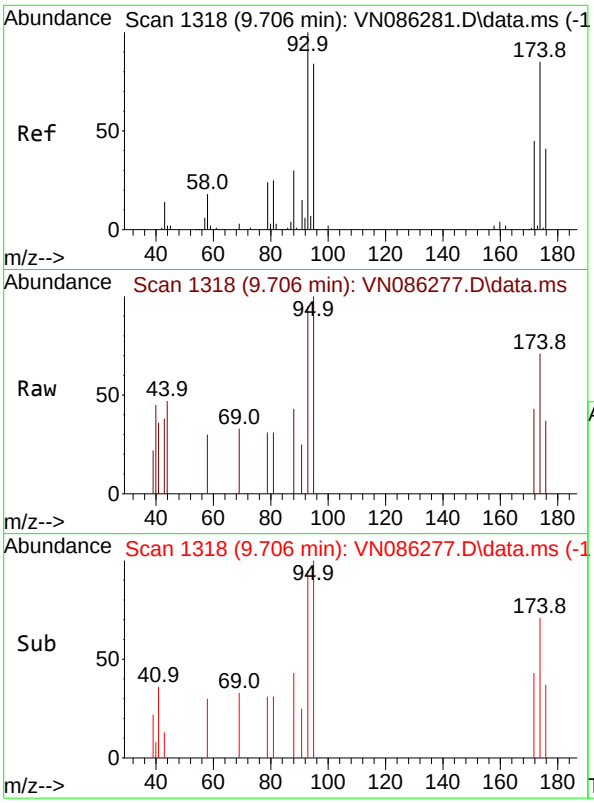


#45
1,2-Dichloropropane
Concen: 1.041 ug/l
RT: 9.612 min Scan# 1302
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 63 Resp: 3063

Ion	Ratio	Lower	Upper
63	100		
65	23.8	25.4	38.2#

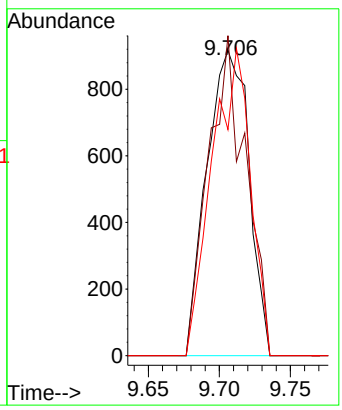




#46
Dibromomethane
Concen: 1.009 ug/l
RT: 9.706 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 93 Resp: 189

Ion	Ratio	Lower	Upper
93	100		
95	92.9	66.2	99.4
174	91.8	67.8	101.6



Instrument :
MSVOA_N
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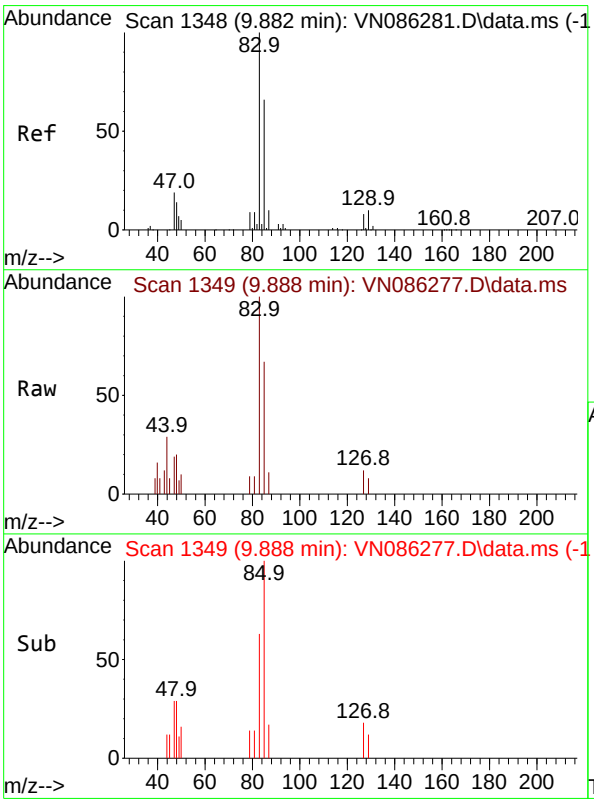
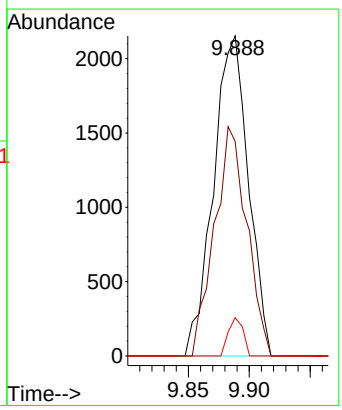
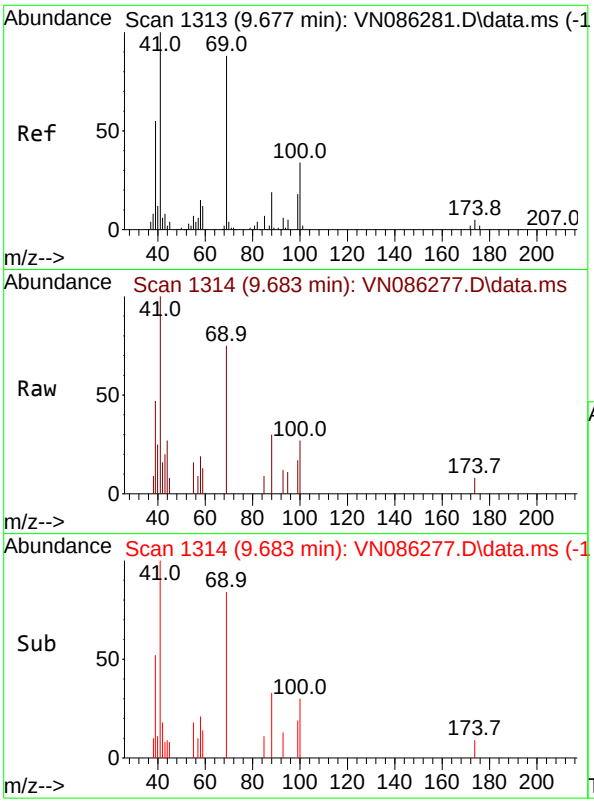


#47
Bromodichloromethane
Concen: 1.062 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 83 Resp: 4302

Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.6	78.8
127	11.9	6.1	9.1#

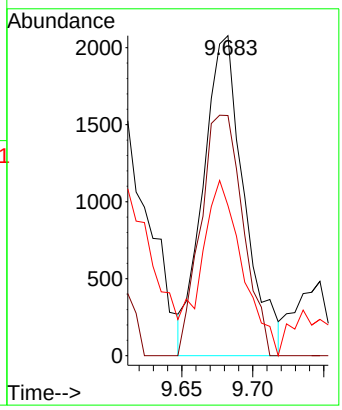




#48
Methyl methacrylate
Concen: 1.206 ug/l
RT: 9.683 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 41 Resp: 418

Ion	Ratio	Lower	Upper
41	100		
69	77.7	68.2	102.2
39	54.6	45.2	67.8



Instrument :
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ClientSampleId :
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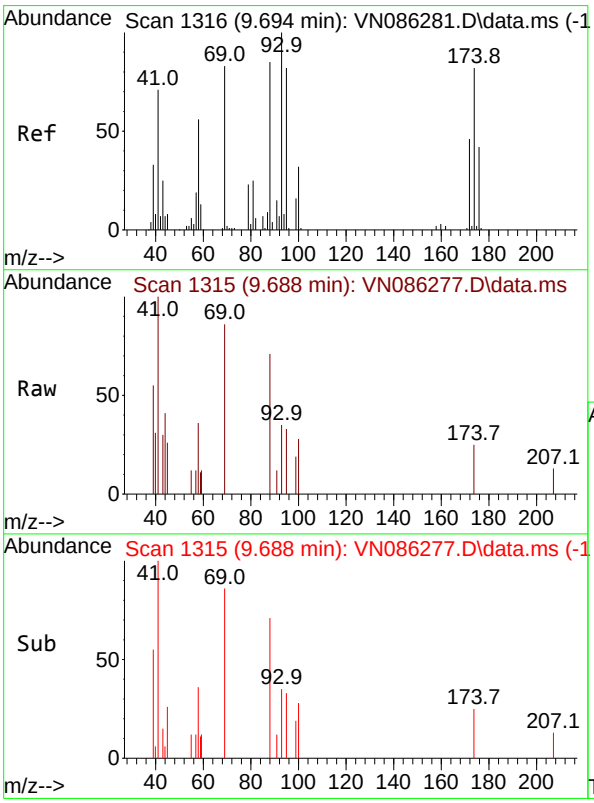
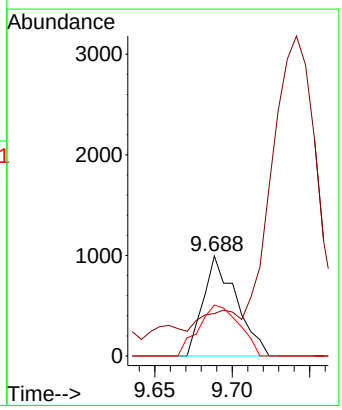
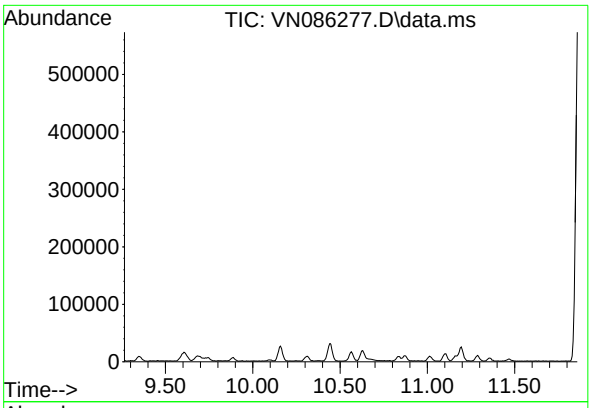


#49
1,4-Dioxane
Concen: 25.032 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 88 Resp: 1477

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	62.7	57.4	86.2





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.56 min

Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	65.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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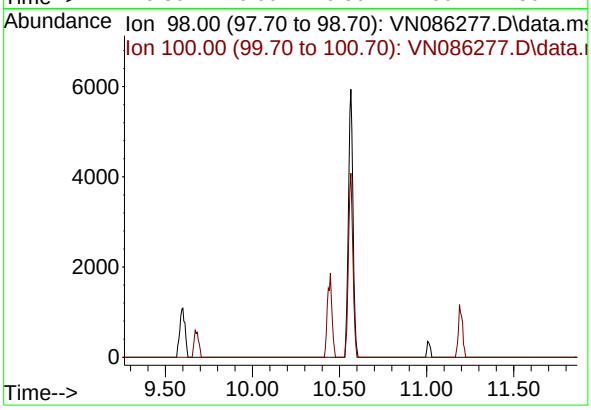
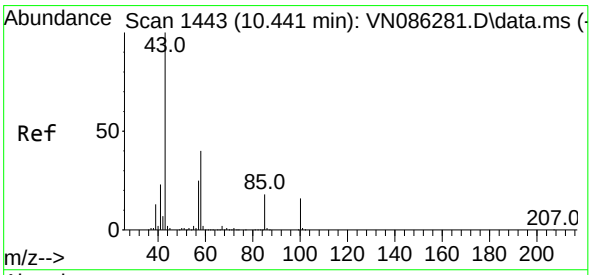
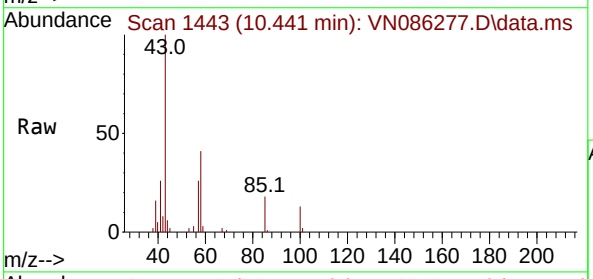
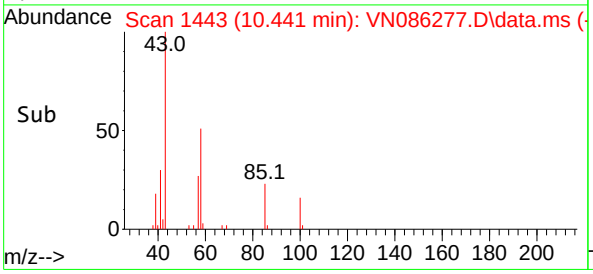




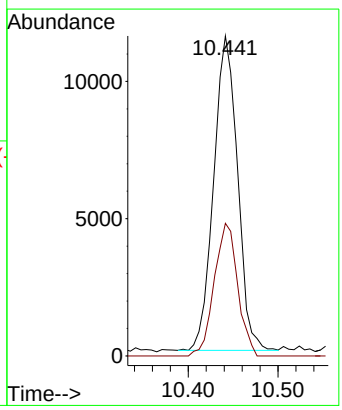


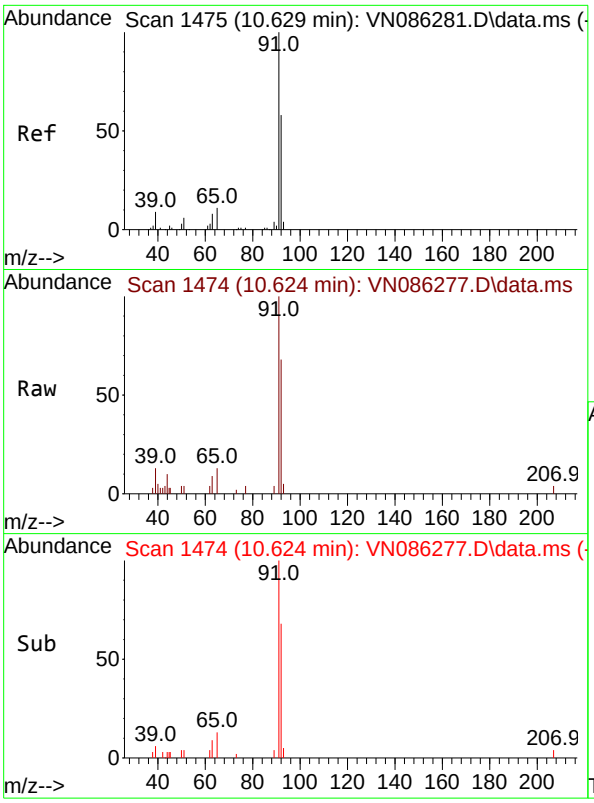


#51
4-Methyl-2-Pentanone
Concen: 5.227 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 21143

Ion	Ratio	Lower	Upper
43	100		
58	41.3	32.2	48.4

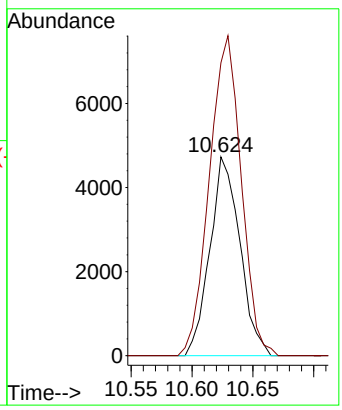




#52
Toluene
Concen: 1.083 ug/l
RT: 10.624 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 92 Resp: 812

Ion	Ratio	Lower	Upper
92	100		
91	170.7	137.3	205.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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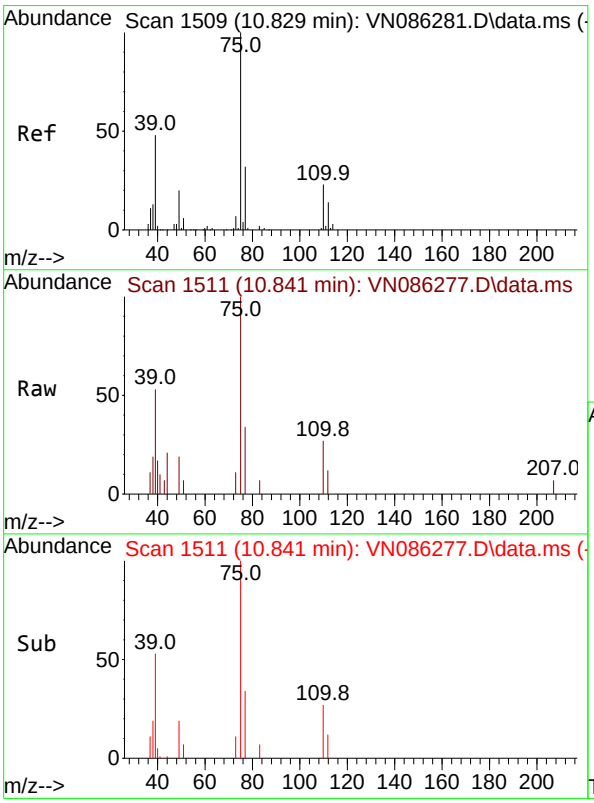
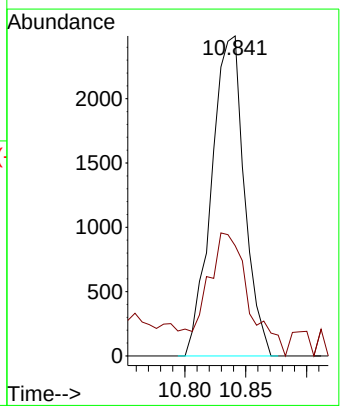
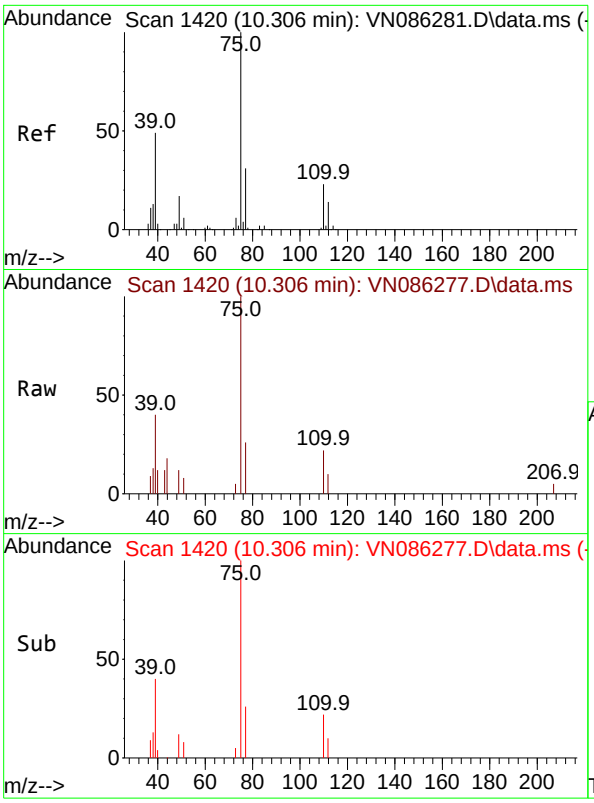


#53
t-1,3-Dichloropropene
Concen: 1.032 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.012 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 75 Resp: 4663

Ion	Ratio	Lower	Upper
75	100		
77	28.0	25.4	38.0

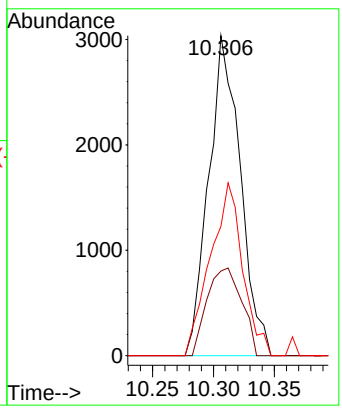




#54
cis-1,3-Dichloropropene
Concen: 1.107 ug/l
RT: 10.306 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 75 Resp: 549

Ion	Ratio	Lower	Upper
75	100		
77	26.4	25.2	37.8
39	40.4	39.3	58.9



Instrument :
MSVOA_N
ClientSampleId :
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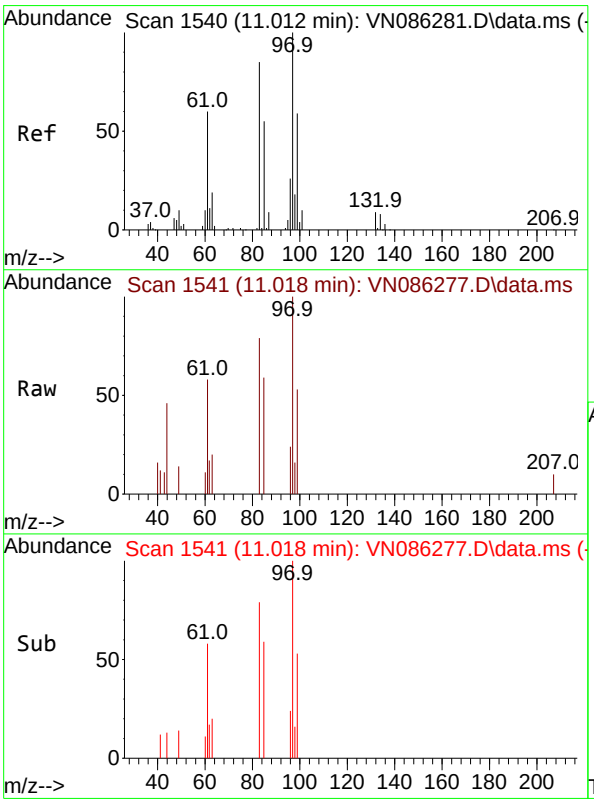
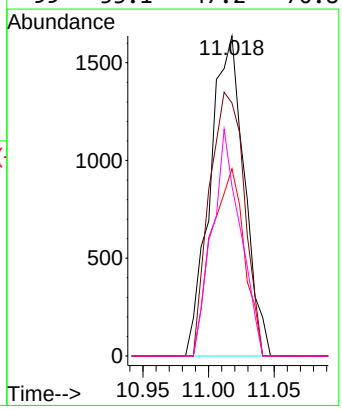
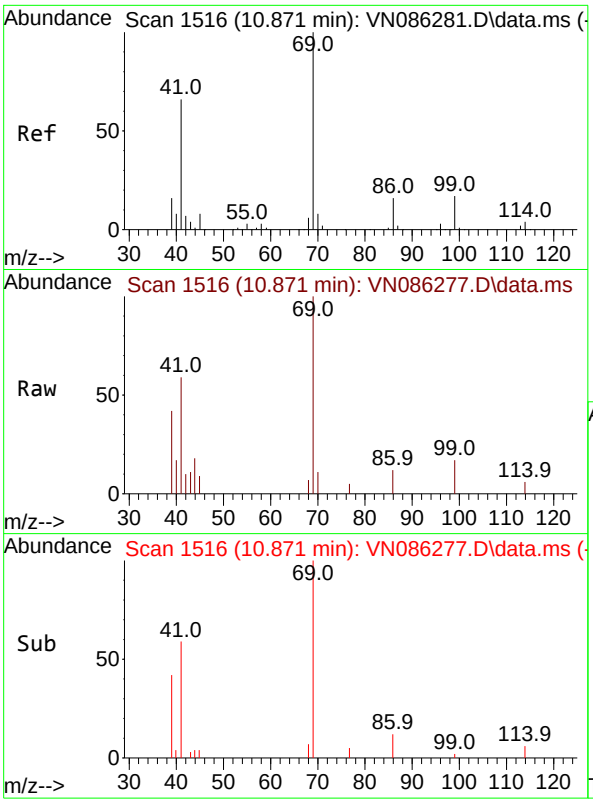


#55
1,1,2-Trichloroethane
Concen: 1.099 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 97 Resp: 2967

Ion	Ratio	Lower	Upper
97	100		
83	79.0	68.4	102.6
85	58.5	43.9	65.9
99	53.1	47.2	70.8

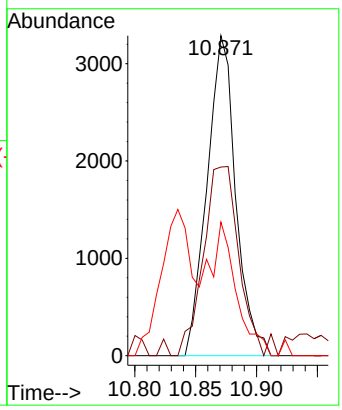




#56
Ethyl methacrylate
Concen: 1.090 ug/l
RT: 10.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 69 Resp: 540

Ion	Ratio	Lower	Upper
69	100		
41	72.0	51.7	77.5
39	38.9	26.3	39.5



Instrument :
MSVOA_N
ClientSampleId :
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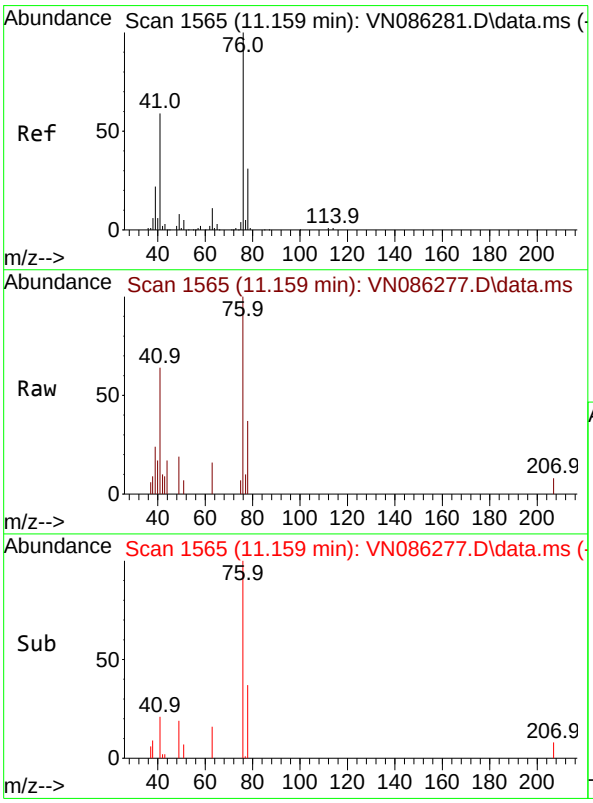
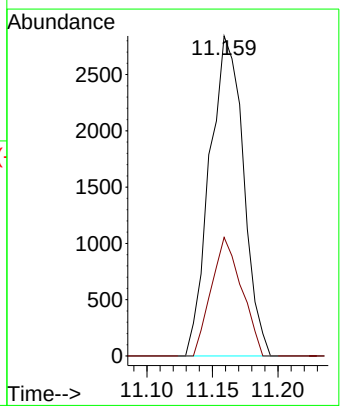
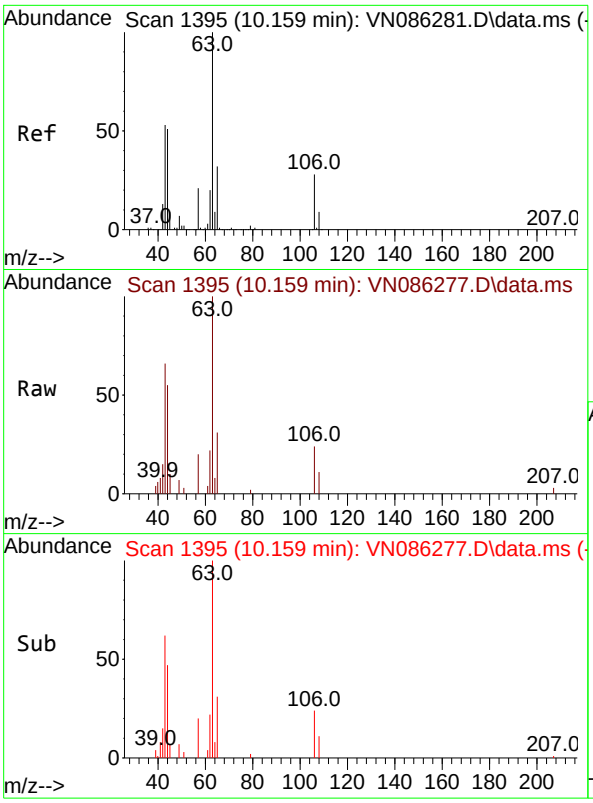


#57
1,3-Dichloropropane
Concen: 1.063 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 76 Resp: 5091

Ion	Ratio	Lower	Upper
76	100		
78	33.3	25.6	38.4

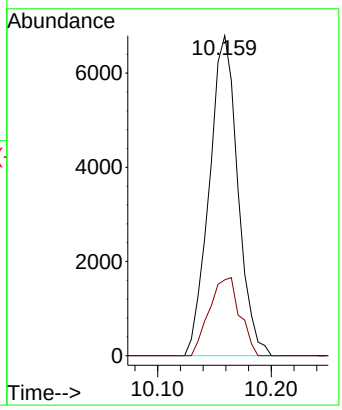




#58
2-Chloroethyl Vinyl ether
Concen: 5.048 ug/l
RT: 10.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 63 Resp: 1188

Ion	Ratio	Lower	Upper
63	100		
106	26.0	22.2	33.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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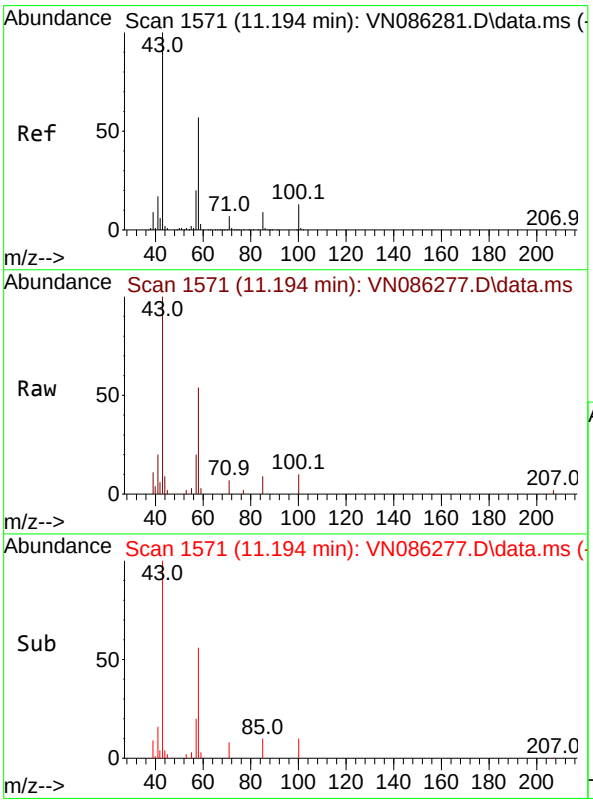
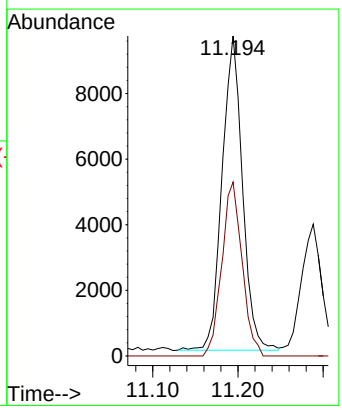
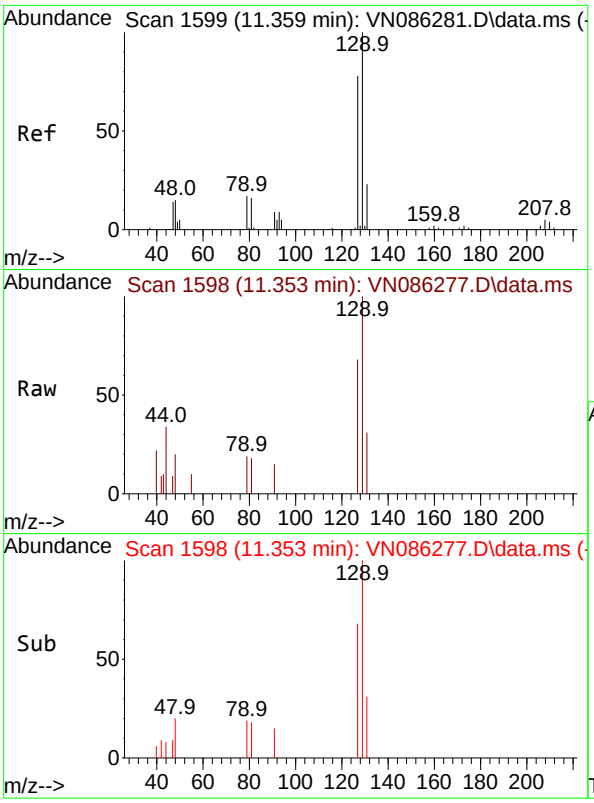


#59
2-Hexanone
Concen: 5.315 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 15945

Ion	Ratio	Lower	Upper
43	100		
58	54.9	28.3	85.0

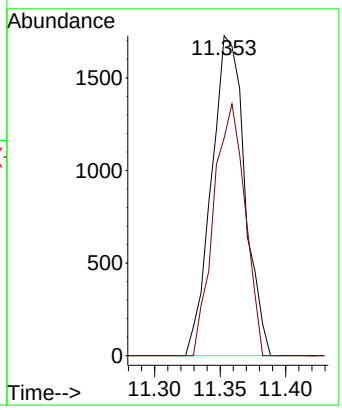




#60
Dibromochloromethane
Concen: 1.031 ug/l
RT: 11.353 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:129 Resp: 305

Ion	Ratio	Lower	Upper
129	100		
127	74.0	38.7	116.1



Instrument :
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ClientSampleId :
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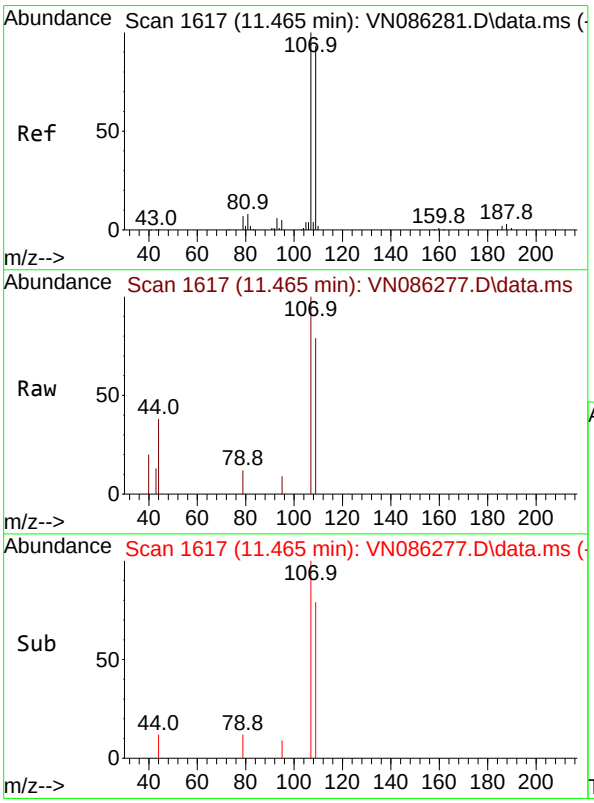
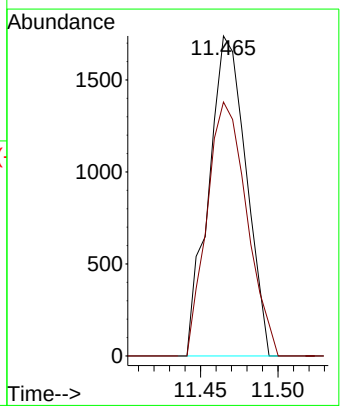
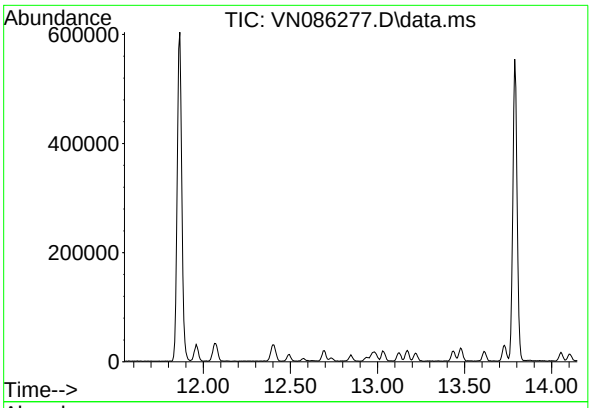


#61
1,2-Dibromoethane
Concen: 1.068 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:107 Resp: 2908

Ion	Ratio	Lower	Upper
107	100		
109	84.7	75.4	113.0





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.85 min

Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	66.7
176	64.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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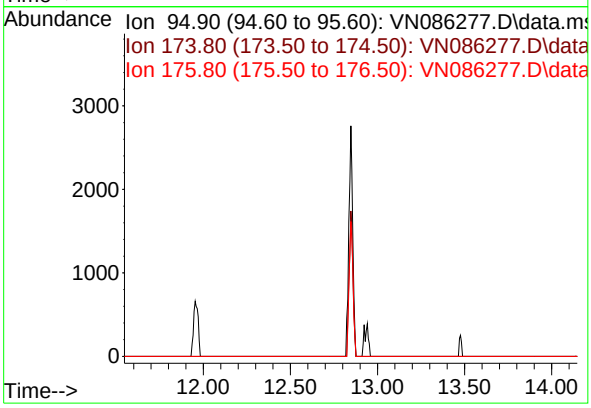
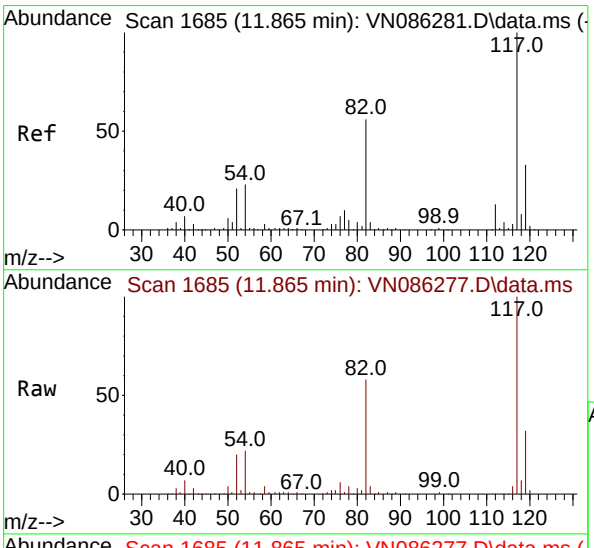
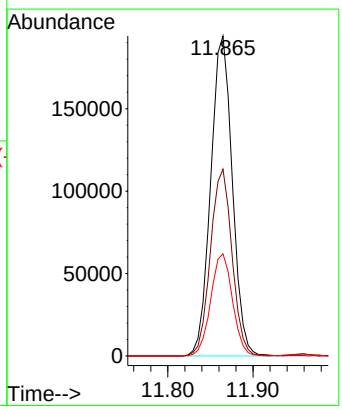


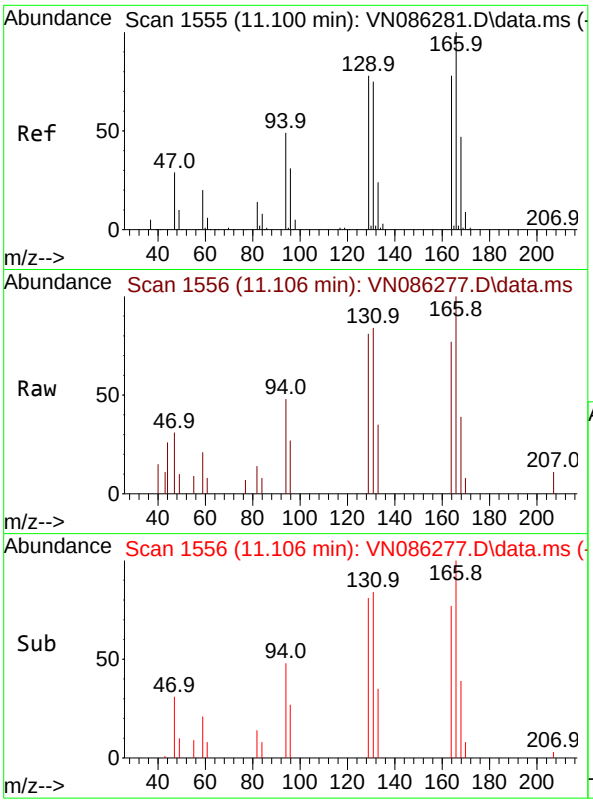


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:117 Resp: 341637

Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.7	67.1
119	31.9	26.4	39.6

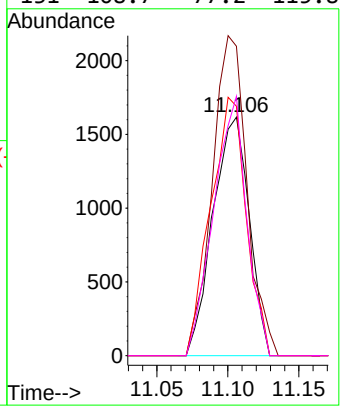




#64
Tetrachloroethene
Concen: 1.090 ug/l
RT: 11.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:164 Resp: 286

Ion	Ratio	Lower	Upper
164	100		
166	129.7	103.0	154.4
129	104.6	80.1	120.1
131	108.7	77.2	115.8



Instrument :
MSVOA_N
ClientSampleId :
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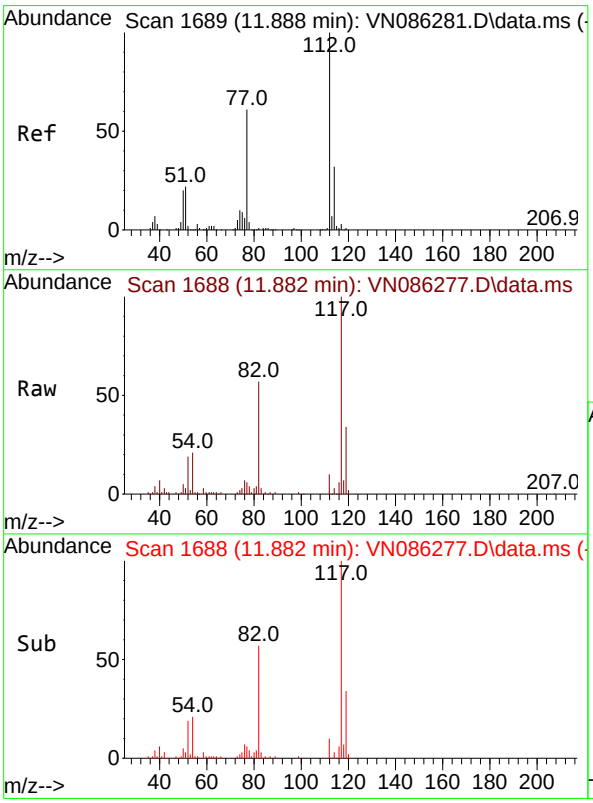
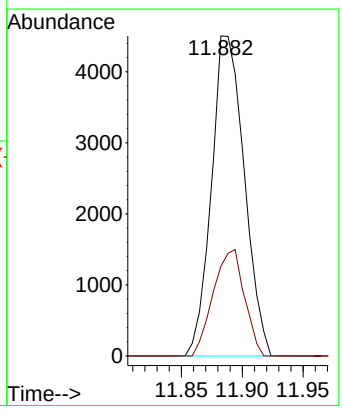
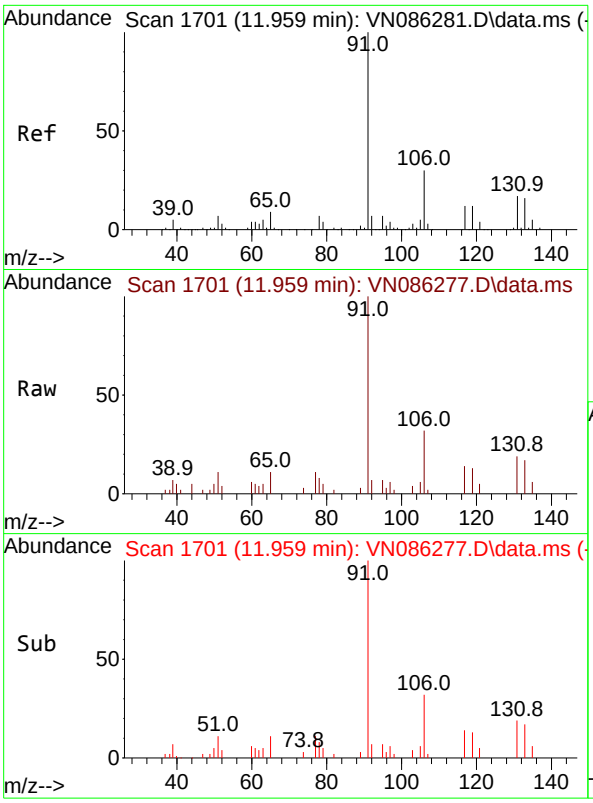


#65
Chlorobenzene
Concen: 1.107 ug/l
RT: 11.882 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:112 Resp: 8440

Ion	Ratio	Lower	Upper
112	100		
114	28.1	25.4	38.0

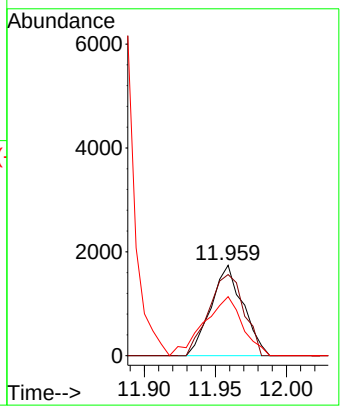




#66
1,1,1,2-Tetrachloroethane
Concen: 1.087 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:131 Resp: 273

Ion	Ratio	Lower	Upper
131	100		
133	98.6	47.1	141.3
119	0.0	33.8	101.4



Instrument :
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ClientSampleId :
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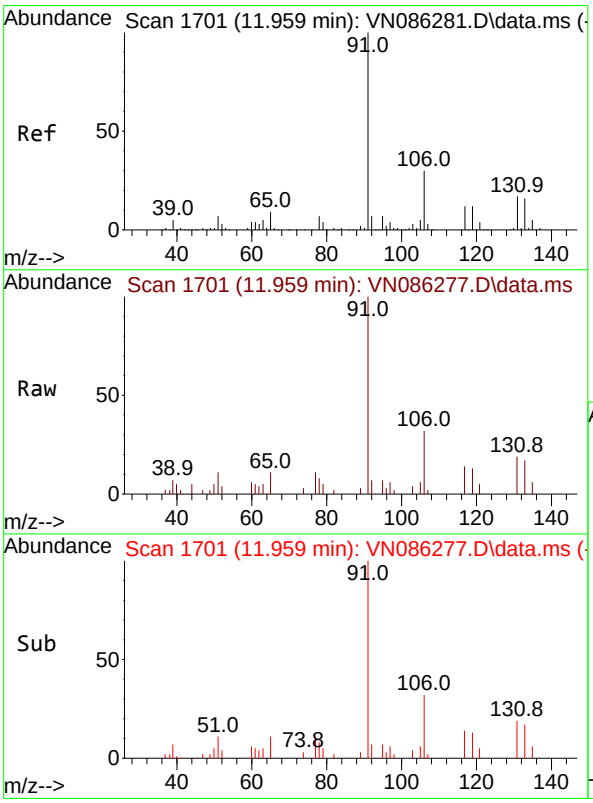
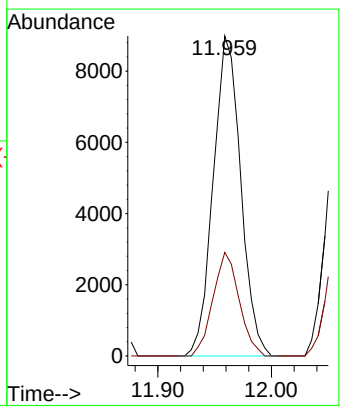
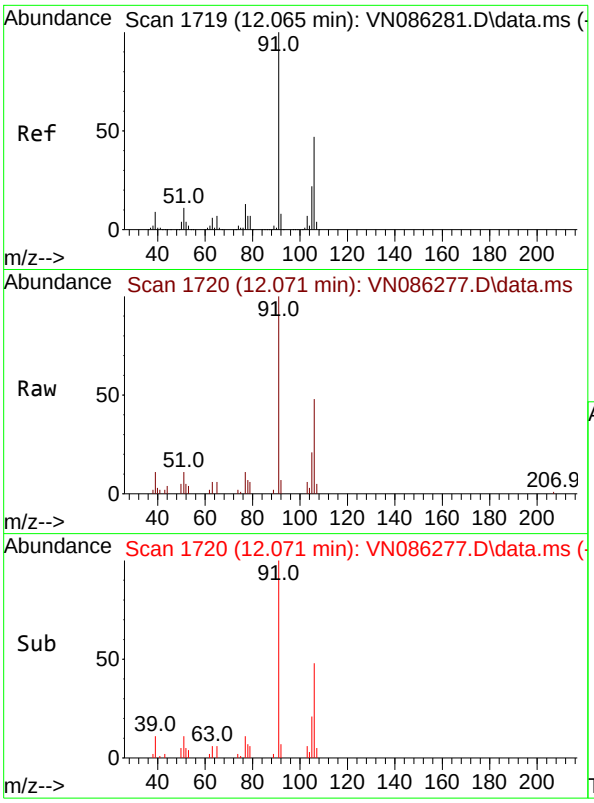


#67
Ethyl Benzene
Concen: 1.097 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 91 Resp: 15099

Ion	Ratio	Lower	Upper
91	100		
106	32.3	24.3	36.5





#68
m/p-Xylenes
Concen: 2.144 ug/l
RT: 12.071 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:106 Resp: 1105

Ion	Ratio	Lower	Upper
106	100		
91	211.7	166.5	249.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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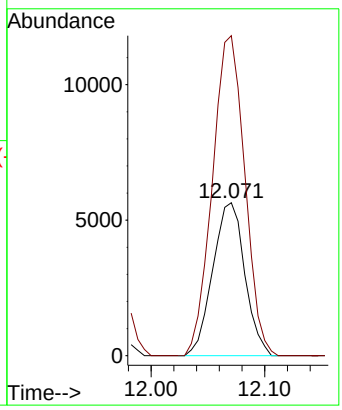
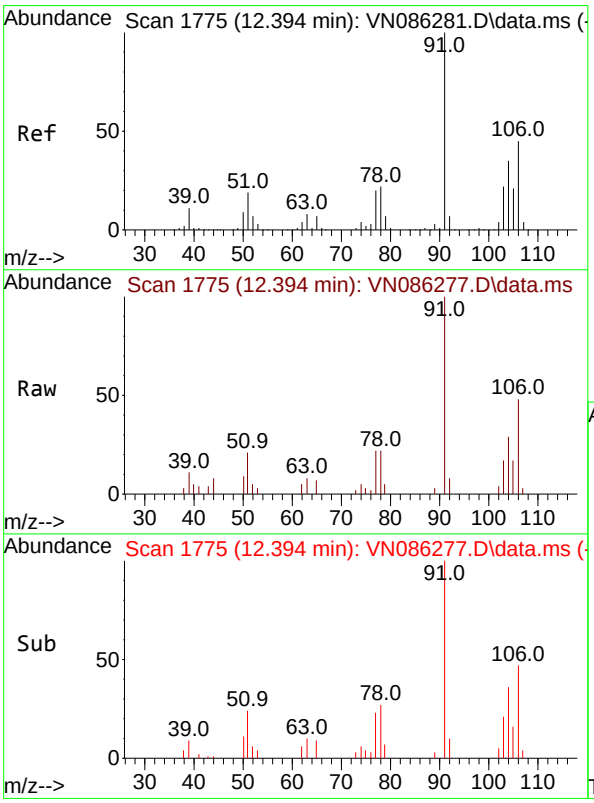
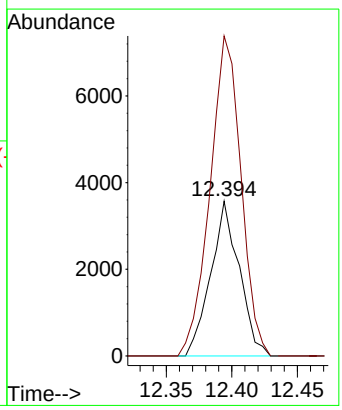


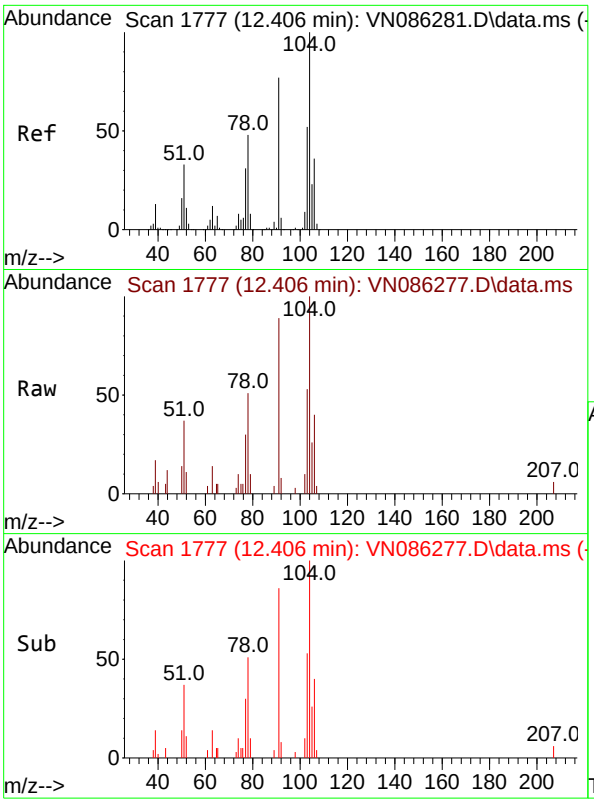


#69
o-Xylene
Concen: 1.061 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:106 Resp: 5408

Ion	Ratio	Lower	Upper
106	100		
91	224.6	109.7	329.0

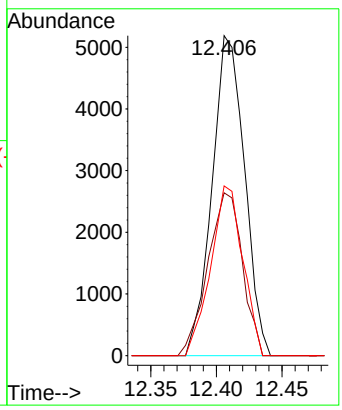




#70
Styrene
Concen: 1.051 ug/l
RT: 12.406 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:104 Resp: 892

Ion	Ratio	Lower	Upper
104	100		
78	54.2	40.6	61.0
103	52.4	43.6	65.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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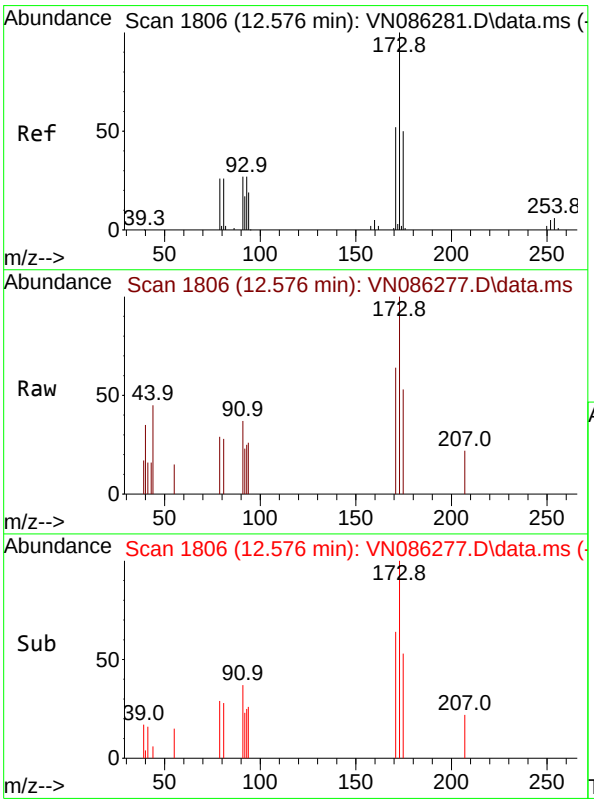
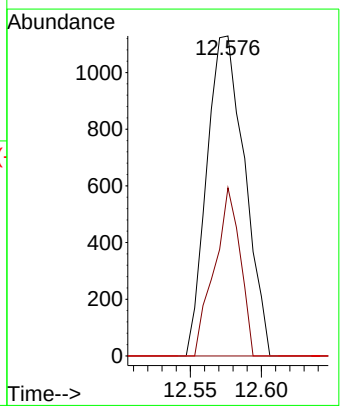
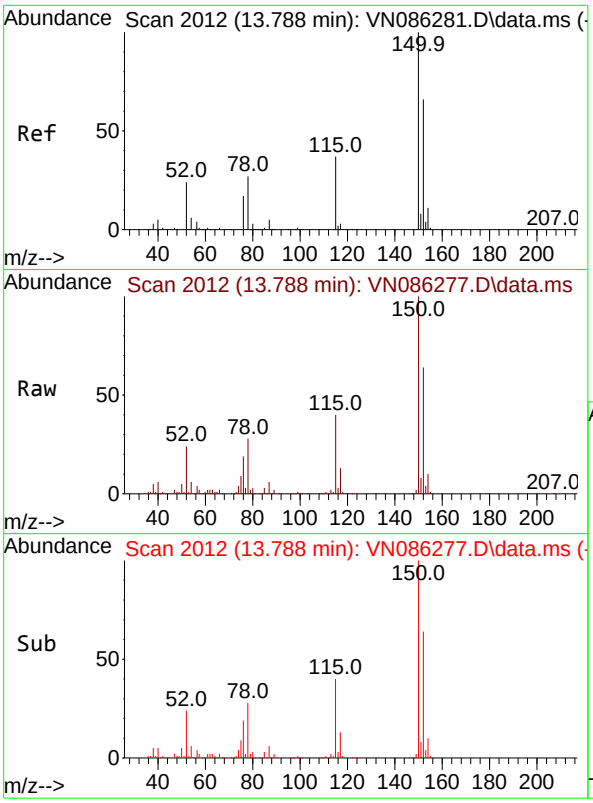


#71
Bromoform
Concen: 1.103 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:173 Resp: 2089

Ion	Ratio	Lower	Upper
173	100		
175	35.7	24.6	73.6
254	0.0	0.0	0.0

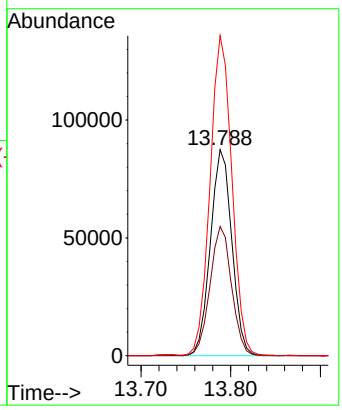




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:152 Resp: 14512

Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.9	95.9
150	158.0	0.0	352.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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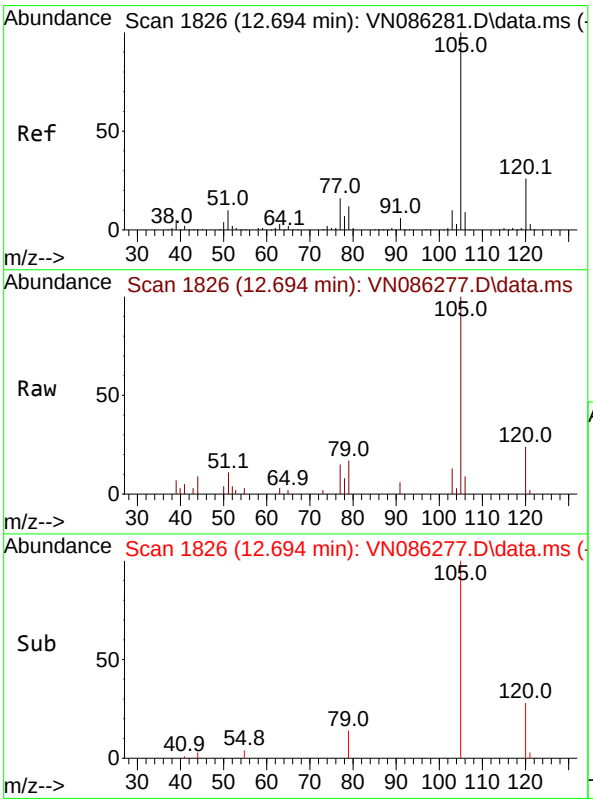
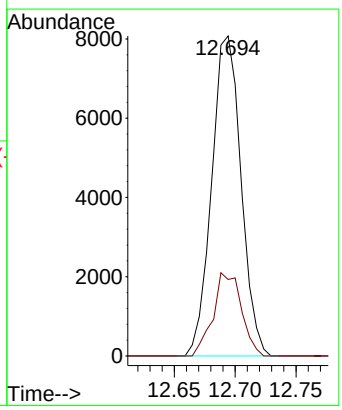
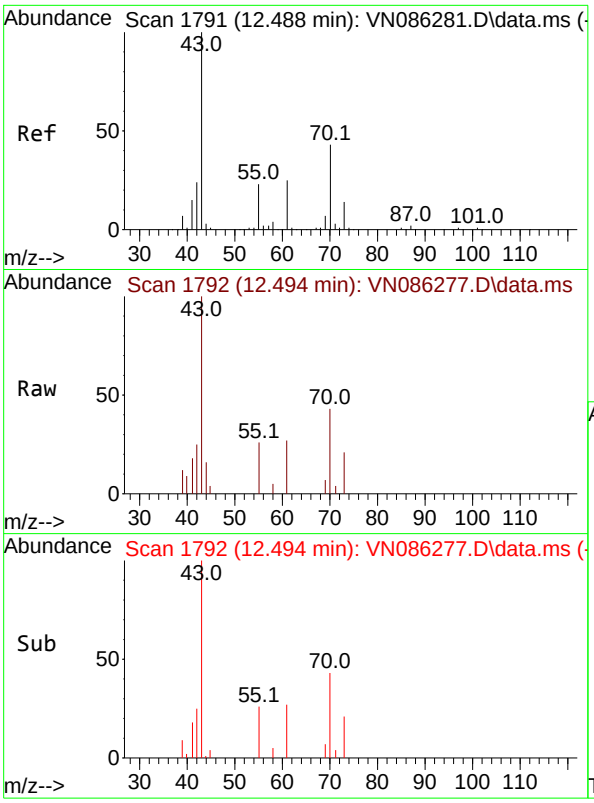


#73
Isopropylbenzene
Concen: 1.141 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:105 Resp: 13542

Ion	Ratio	Lower	Upper
105	100		
120	25.0	13.1	39.3

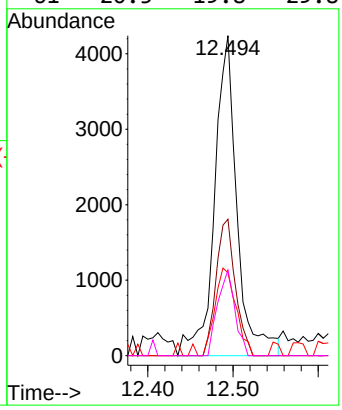




#74
N-amyl acetate
Concen: 1.321 ug/l
RT: 12.494 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 780

Ion	Ratio	Lower	Upper
43	100		
70	36.5	35.0	52.4
55	25.5	19.0	28.4
61	20.5	19.8	29.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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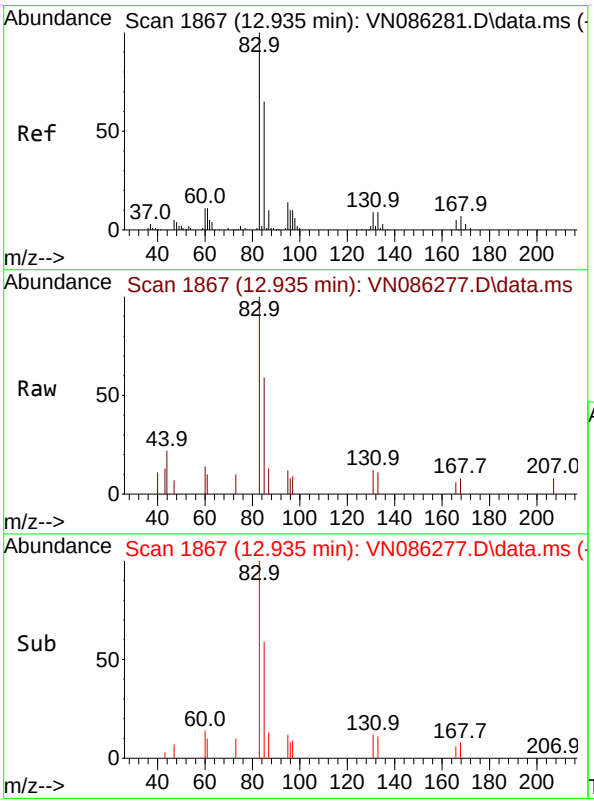
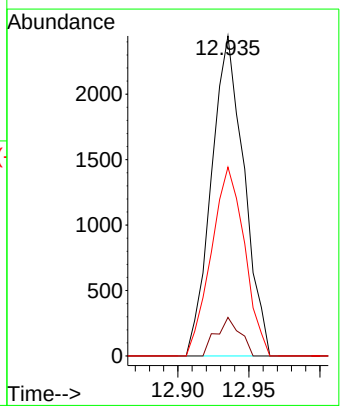
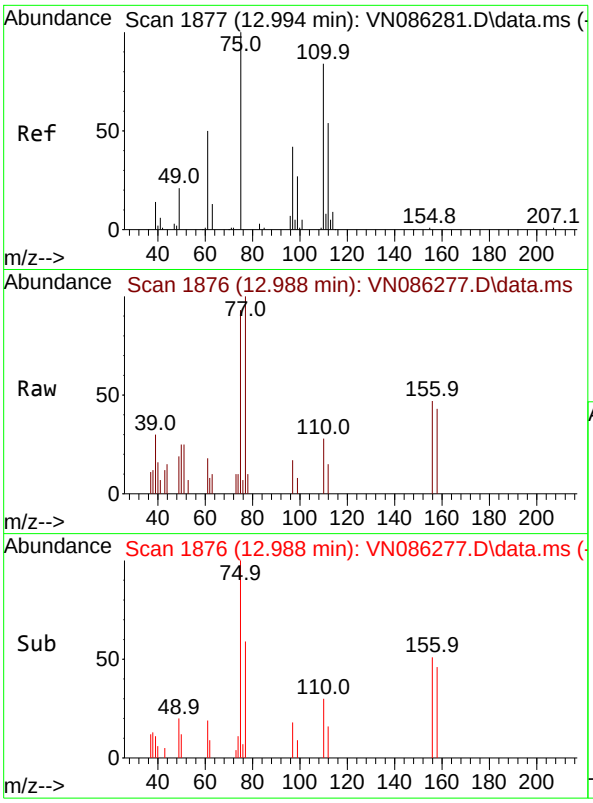


#75
1,1,2,2-Tetrachloroethane
Concen: 1.145 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 83 Resp: 3910

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.7	14.1
85	60.2	32.7	98.1





#76
1,2,3-Trichloropropane
Concen: 1.293 ug/l m
RT: 12.988 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 75 Resp: 440

Ion	Ratio	Lower	Upper
75	100		
77	166.9	98.8	296.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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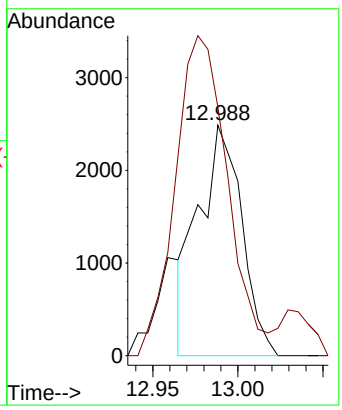
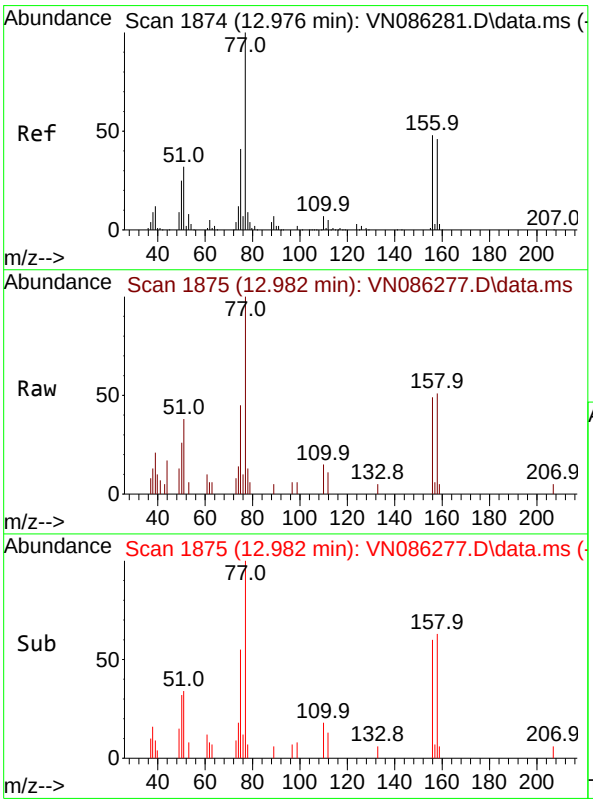
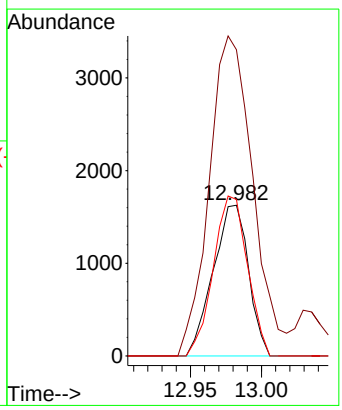


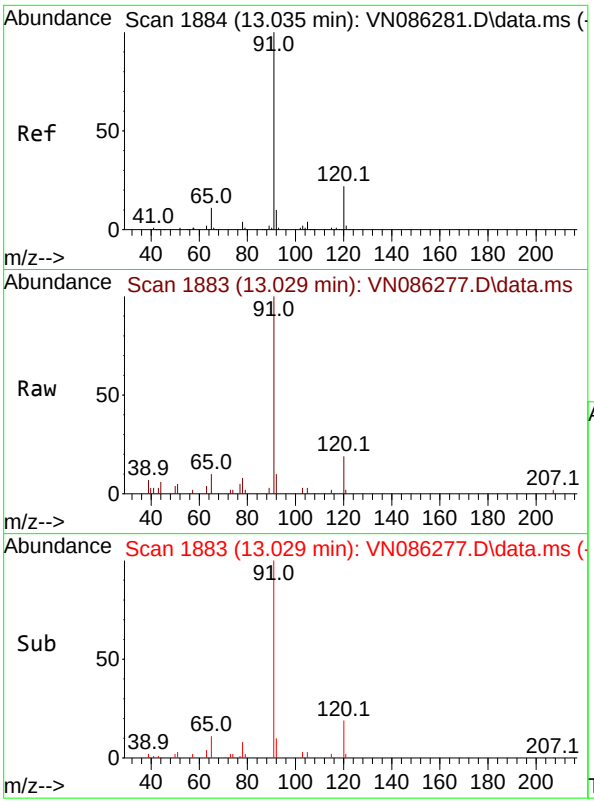


#77
Bromobenzene
Concen: 1.069 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:156 Resp: 2811

Ion	Ratio	Lower	Upper
156	100		
77	261.7	121.1	363.1
158	102.7	47.9	143.6





#78
n-propylbenzene
Concen: 1.113 ug/l
RT: 13.029 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 91 Resp: 1557

Ion	Ratio	Lower	Upper
91	100		
120	21.1	11.1	33.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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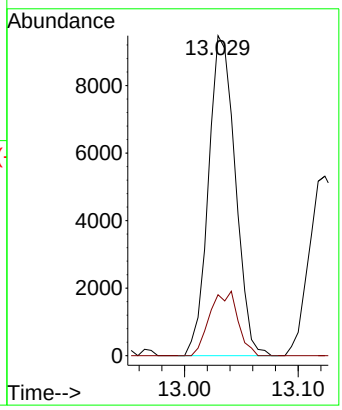
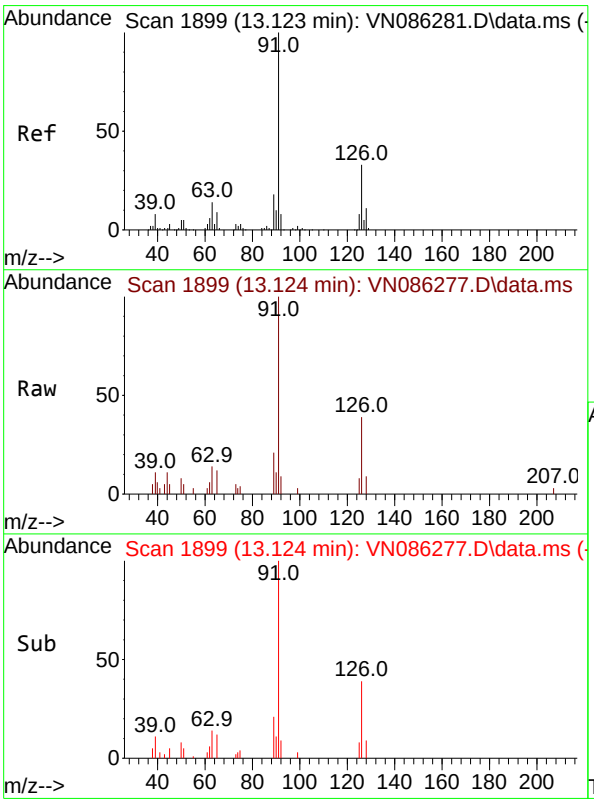
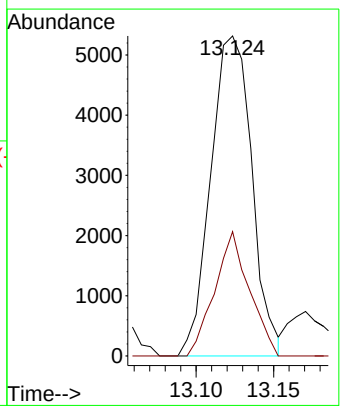


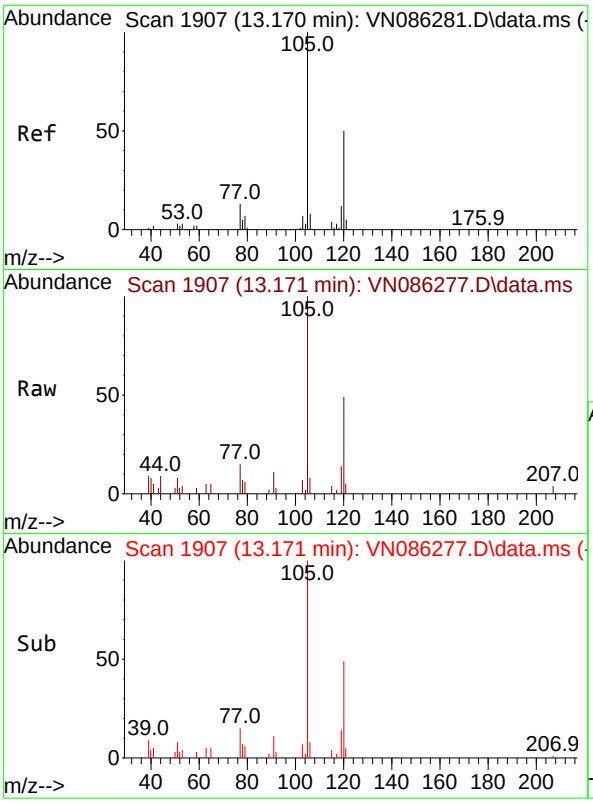


#79
2-Chlorotoluene
Concen: 1.120 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 91 Resp: 9804

Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.1	48.2





#80
1,3,5-Trimethylbenzene
Concen: 1.135 ug/l
RT: 13.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

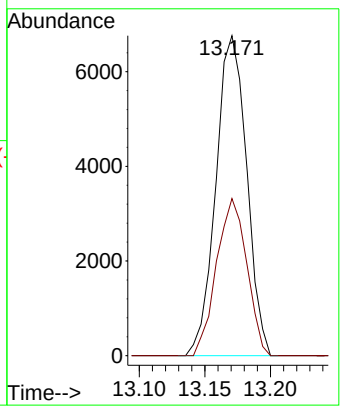
Tgt Ion:105 Resp: 1102

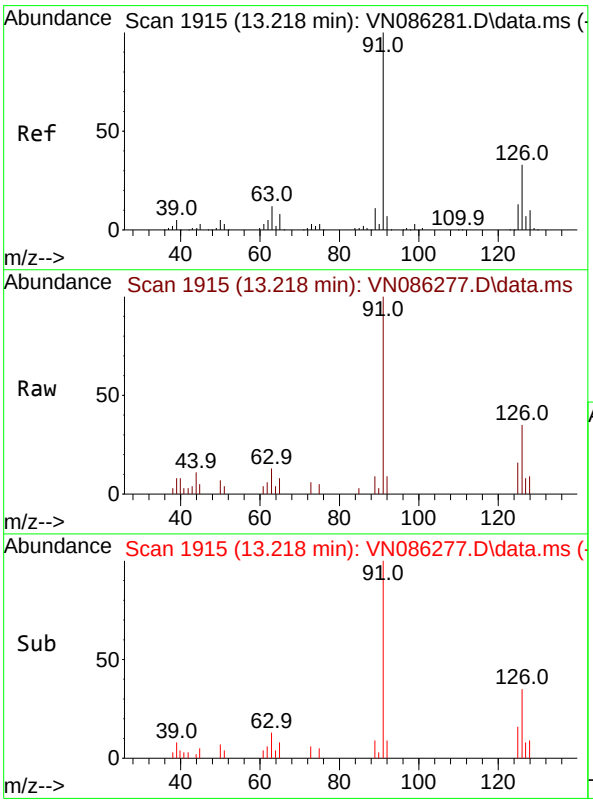
Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.5	73.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

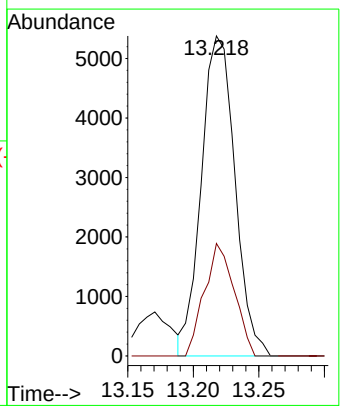


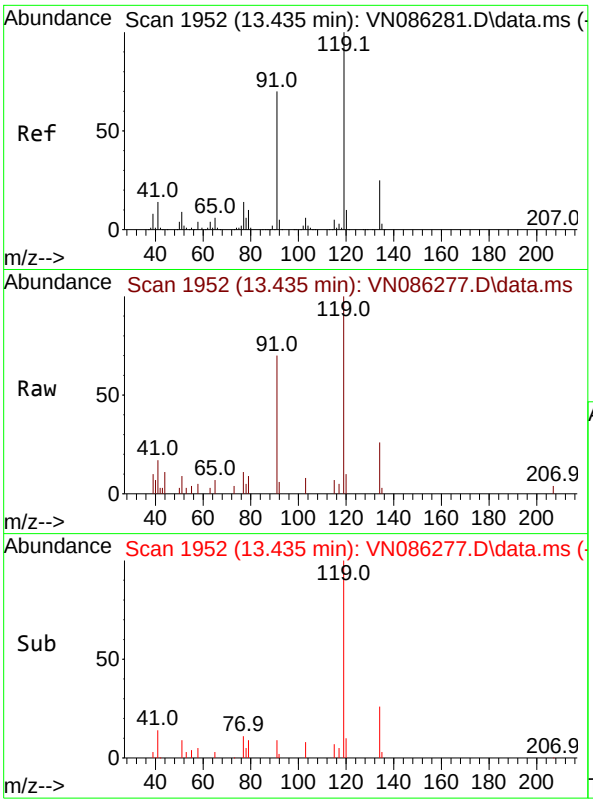


#82
4-Chlorotoluene
Concen: 1.103 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 91 Resp: 9589

Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.2	48.6

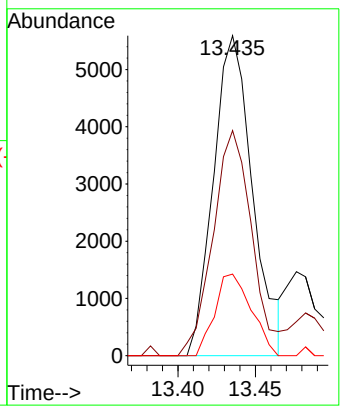




#83
tert-Butylbenzene
Concen: 1.166 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:119 Resp: 981

Ion	Ratio	Lower	Upper
119	100		
91	69.5	34.4	103.3
134	23.7	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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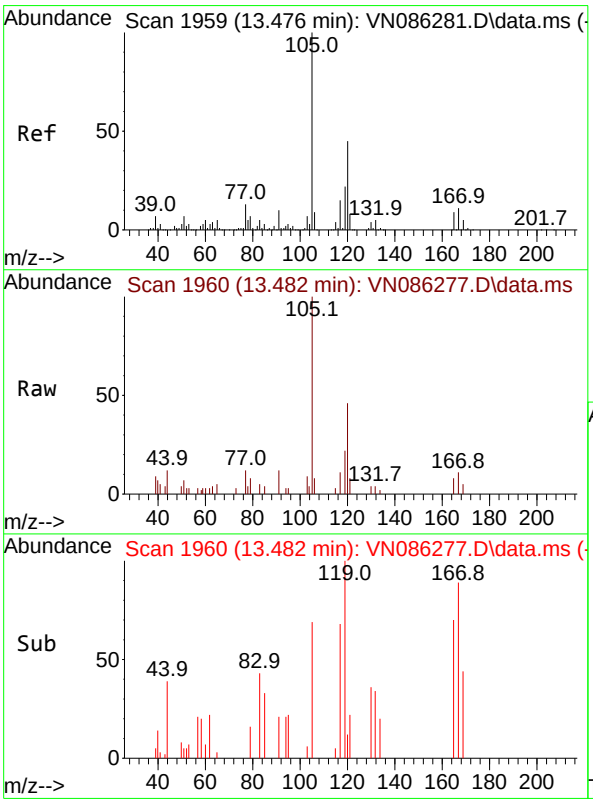
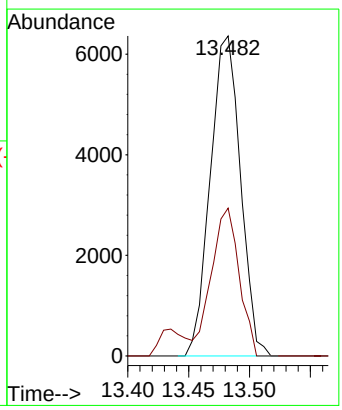
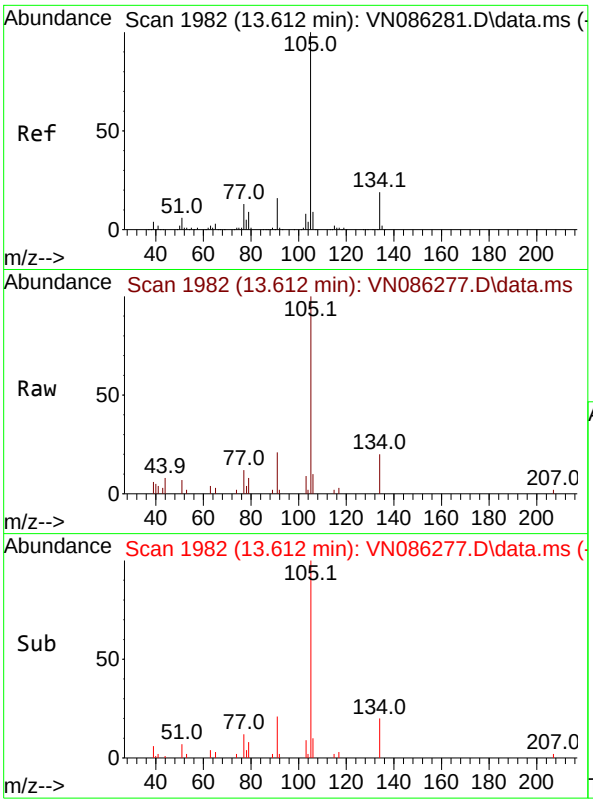


#84
1,2,4-Trimethylbenzene
Concen: 1.110 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:105 Resp: 10977

Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.4	67.3

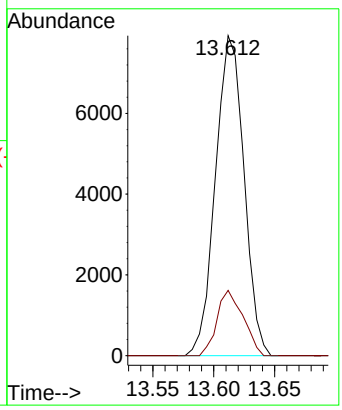




#85
sec-Butylbenzene
Concen: 1.106 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:105 Resp: 1292

Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.7	29.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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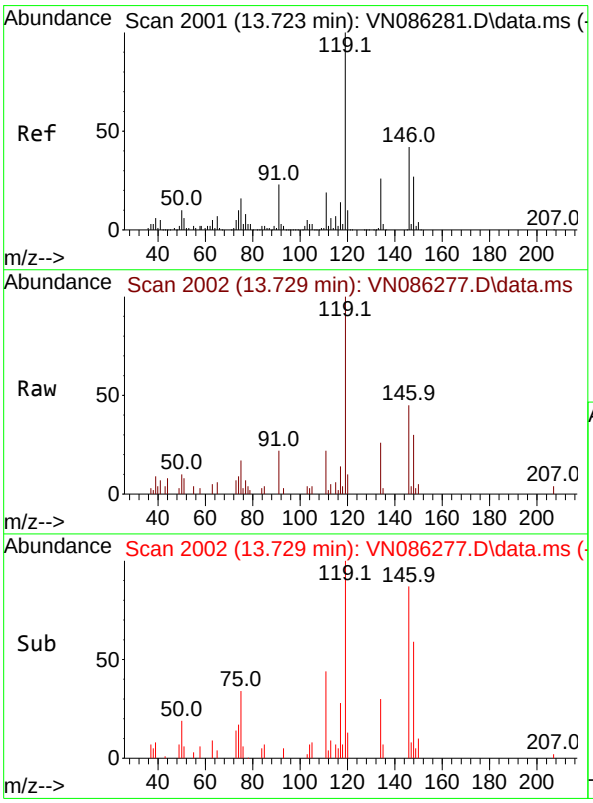
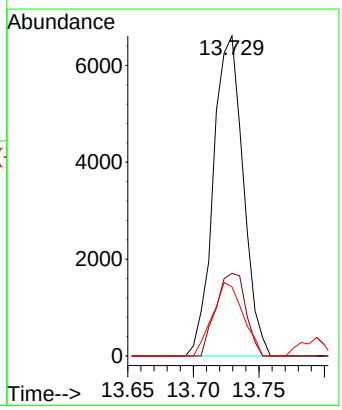
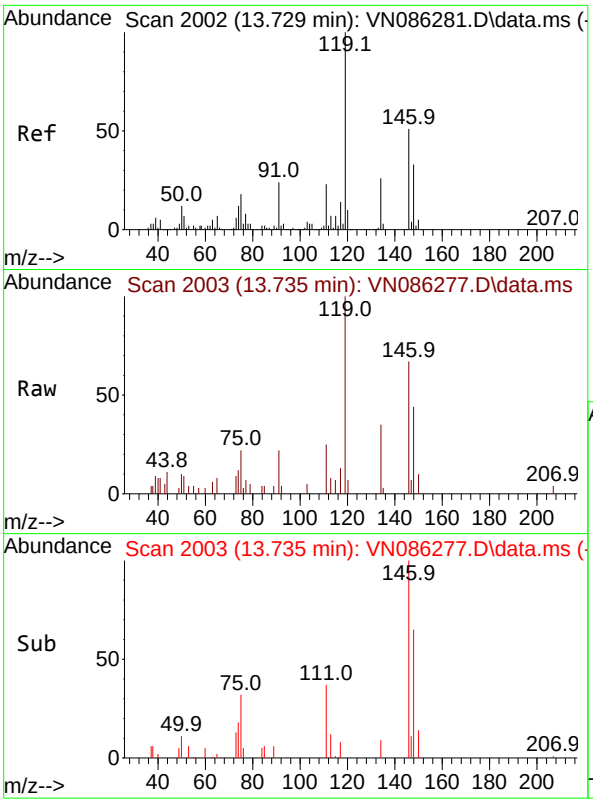


#86
p-Isopropyltoluene
Concen: 1.086 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:119 Resp: 10458

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	23.4	11.9	35.9

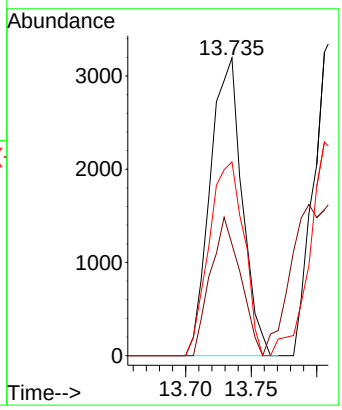




#87
1,3-Dichlorobenzene
Concen: 1.095 ug/l
RT: 13.735 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:146 Resp: 541

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.7
148	71.0	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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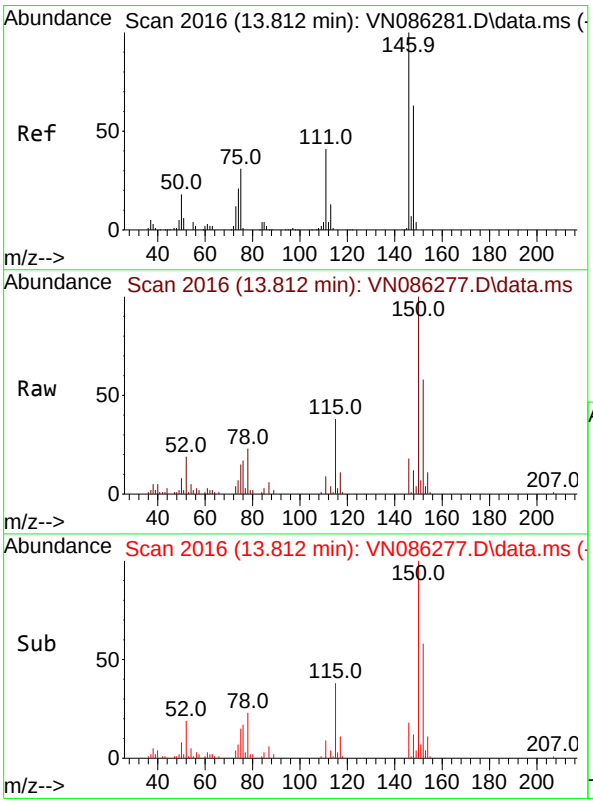
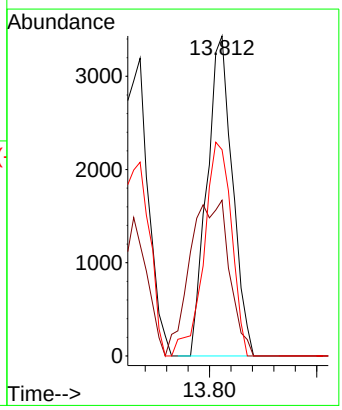
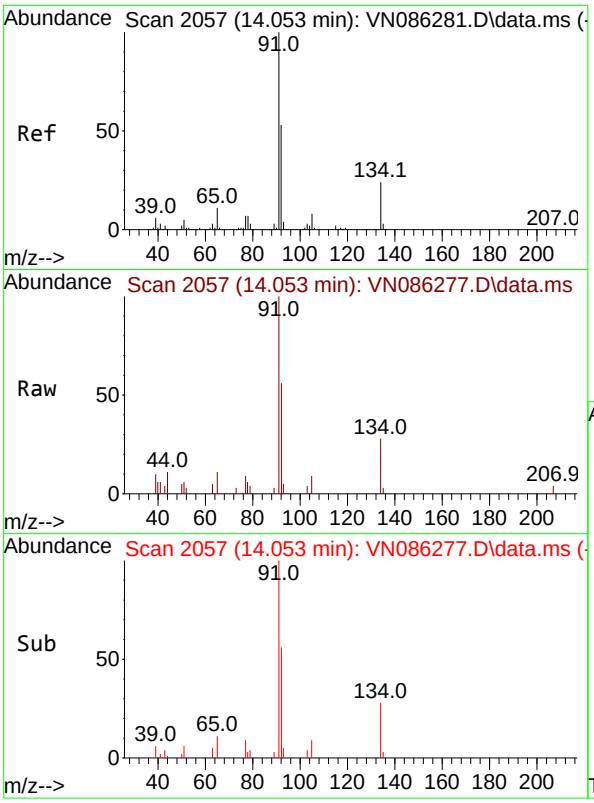


#88
1,4-Dichlorobenzene
Concen: 1.132 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:146 Resp: 5636

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.9
148	68.2	31.9	95.9





#89
n-Butylbenzene
Concen: 1.092 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 91 Resp: 931

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.4
134	23.3	12.2	36.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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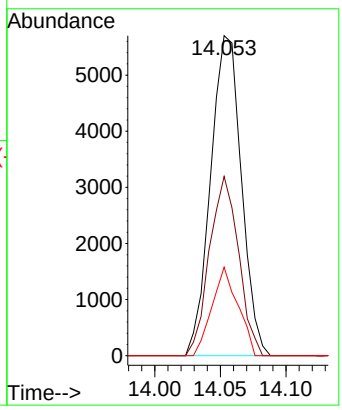
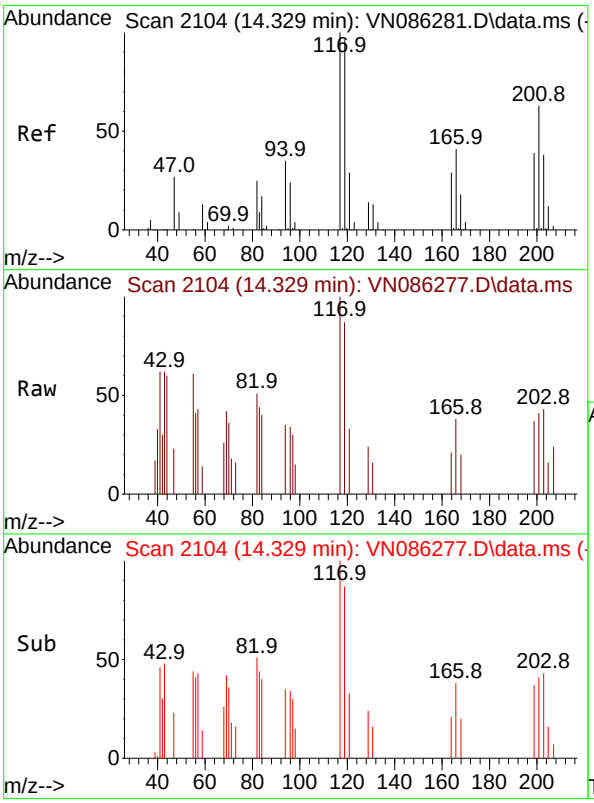
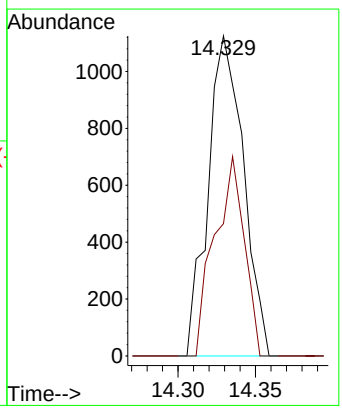


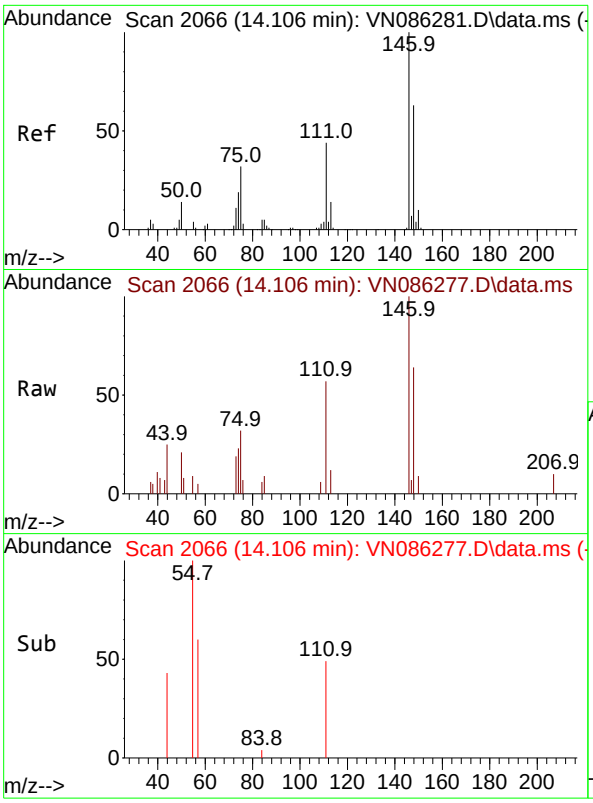


#90
Hexachloroethane
Concen: 1.107 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:117 Resp: 1792

Ion	Ratio	Lower	Upper
117	100		
201	52.0	31.4	94.2

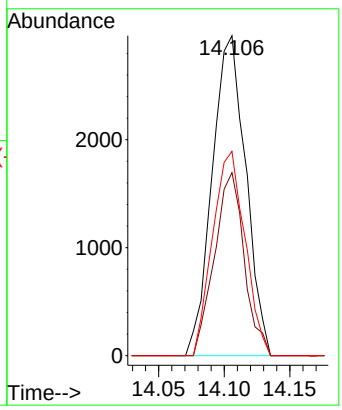




#91
1,2-Dichlorobenzene
Concen: 1.101 ug/l
RT: 14.106 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:146 Resp: 527

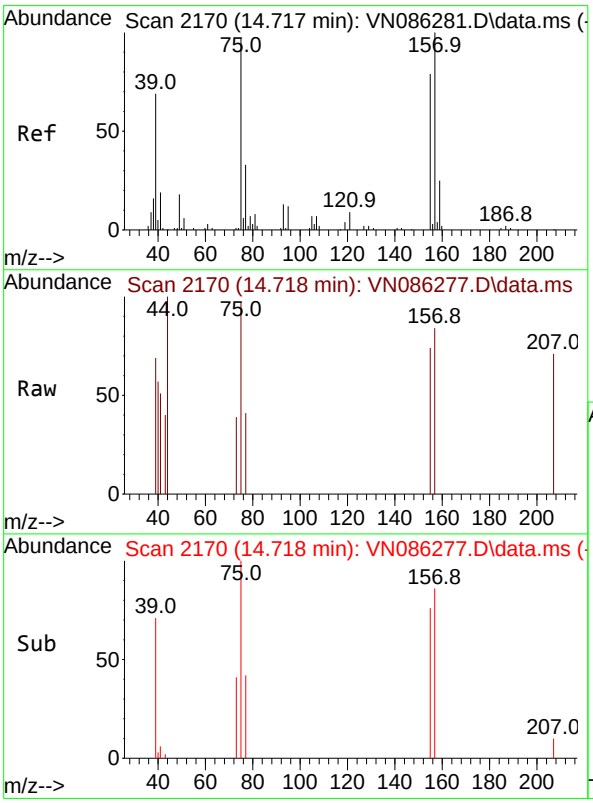
Ion	Ratio	Lower	Upper
146	100		
111	50.7	22.4	67.0
148	61.5	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

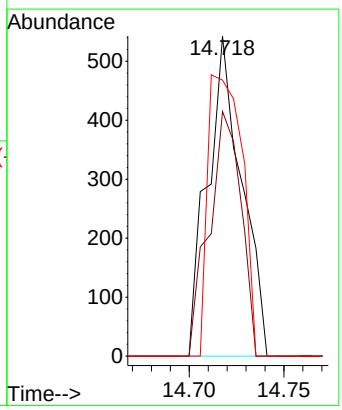
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

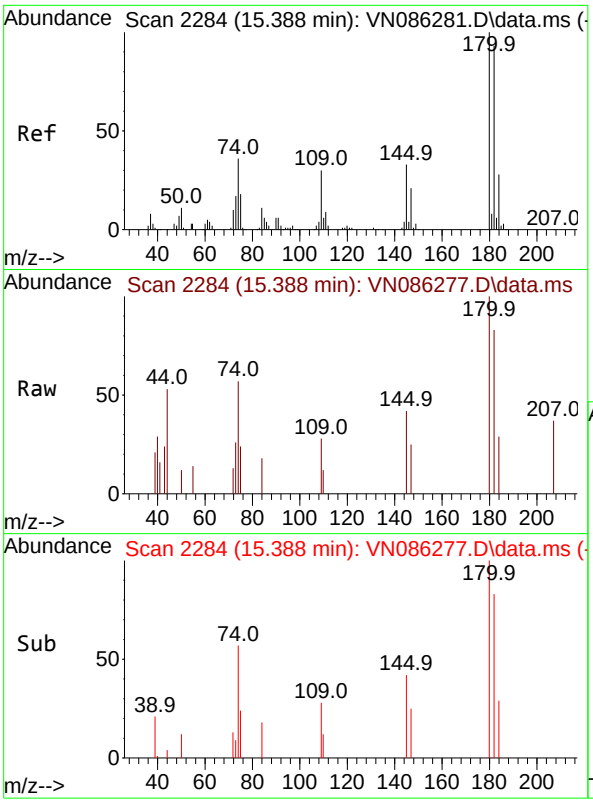


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.987 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 75 Resp: 679

Ion	Ratio	Lower	Upper
75	100		
155	71.9	40.3	120.9
157	88.7	49.0	147.2

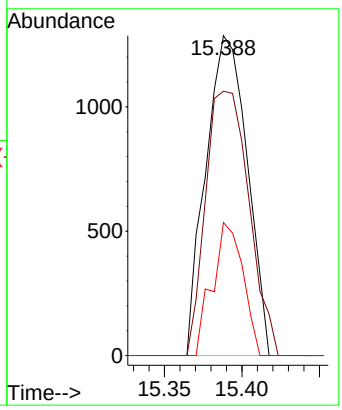




#93
1,2,4-Trichlorobenzene
Concen: 1.040 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:180 Resp: 238

Ion	Ratio	Lower	Upper
180	100		
182	86.6	47.0	141.0
145	30.7	16.4	49.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations
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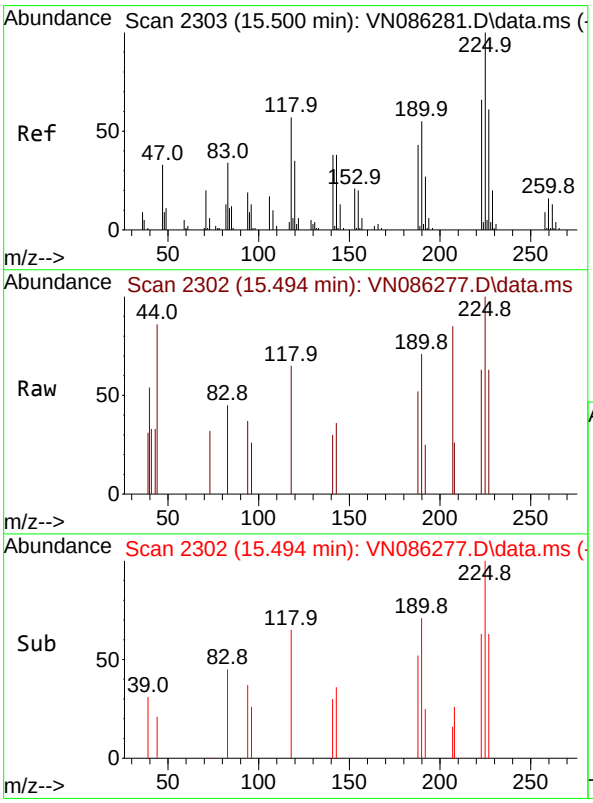
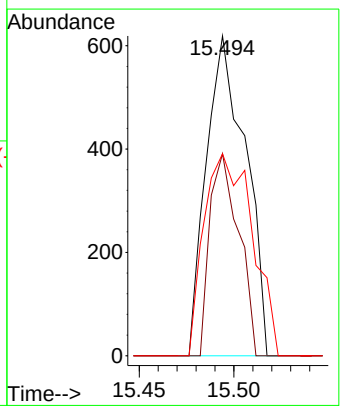
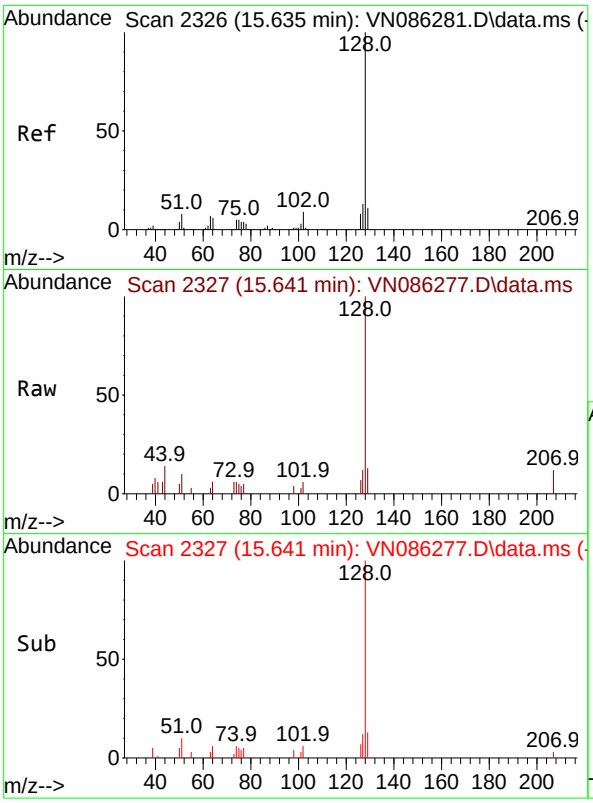


#94
Hexachlorobutadiene
Concen: 1.030 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:225 Resp: 893

Ion	Ratio	Lower	Upper
225	100		
223	46.5	32.8	98.3
227	77.6	31.4	94.0

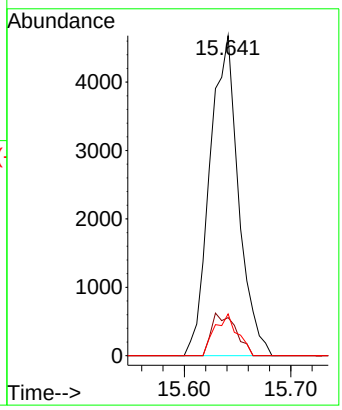




#95
Naphthalene
Concen: 1.074 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:128 Resp: 874

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.2	15.4
129	10.4	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

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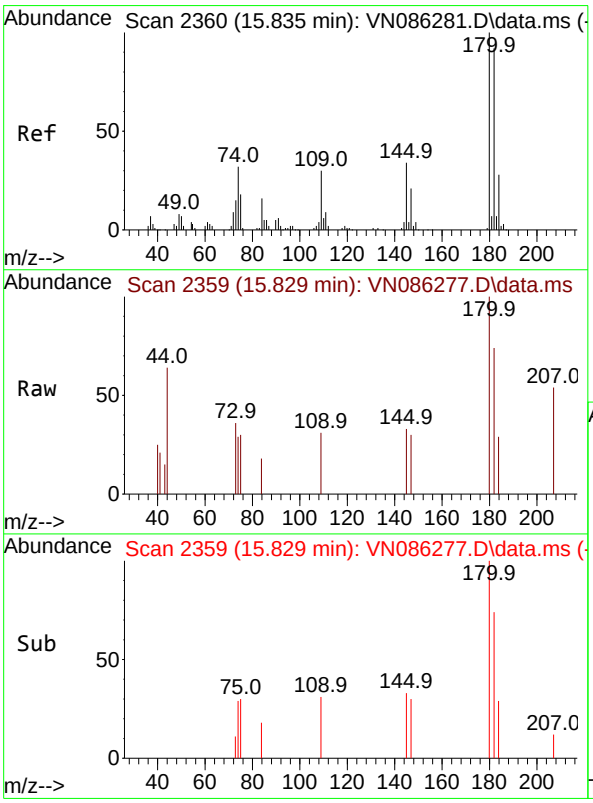
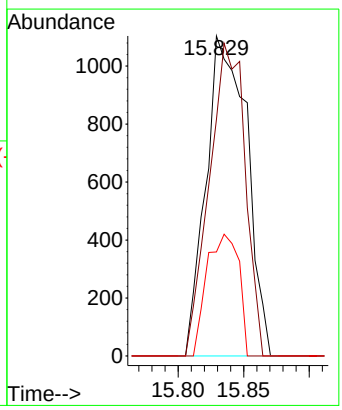


#96
1,2,3-Trichlorobenzene
Concen: 1.094 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:180 Resp: 2378

Ion	Ratio	Lower	Upper
180	100		
182	86.0	47.3	142.0
145	29.9	17.2	51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086278.D
Acq On : 15 Apr 2025 12:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	8.224	168	234470	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	9.100	114	436245	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.865	117	375851	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167796	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.577	65	17487	5.143	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.280%#			
35) Dibromofluoromethane	8.171	113	11660	5.759	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.520%#			
50) Toluene-d8	10.565	98	54403	5.028	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.060%#			
62) 4-Bromofluorobenzene	12.847	95	20034	5.076	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.160%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.124	85	13162	4.735	ug/l		95
3) Chloromethane	2.359	50	21191	5.246	ug/l		96
4) Vinyl Chloride	2.512	62	19342	5.018	ug/l		99
5) Bromomethane	2.948	94	8981	5.180	ug/l		91
6) Chloroethane	3.112	64	13592	5.268	ug/l		98
7) Trichlorofluoromethane	3.495	101	22304	5.223	ug/l		92
8) Diethyl Ether	3.959	74	9862	5.291	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.377	101	13633	5.278	ug/l		99
10) Methyl Iodide	4.589	142	14033	4.941	ug/l		94
11) Tert butyl alcohol	5.518	59	16966	27.348	ug/l	#	88
12) 1,1-Dichloroethene	4.342	96	14583	5.284	ug/l		94
13) Acrolein	4.177	56	14133	35.938	ug/l		91
14) Allyl chloride	5.018	41	25369	5.174	ug/l		98
15) Acrylonitrile	5.712	53	40960	26.709	ug/l		99
16) Acetone	4.430	43	33298	23.124	ug/l		100
17) Carbon Disulfide	4.712	76	43706	5.289	ug/l		98
18) Methyl Acetate	5.024	43	21384	5.239	ug/l		97
19) Methyl tert-butyl Ether	5.789	73	53138	5.238	ug/l		92
20) Methylene Chloride	5.277	84	16566	5.270	ug/l		97
21) trans-1,2-Dichloroethene	5.783	96	15380	5.331	ug/l		98
22) Diisopropyl ether	6.665	45	55913	5.239	ug/l	#	98
23) Vinyl Acetate	6.600	43	205955m	27.614	ug/l		
24) 1,1-Dichloroethane	6.559	63	29865	5.304	ug/l		99
25) 2-Butanone	7.483	43	55470	26.210	ug/l		100
26) 2,2-Dichloropropane	7.488	77	27048	5.365	ug/l		99
27) cis-1,2-Dichloroethene	7.483	96	18982	5.301	ug/l		97
28) Bromochloromethane	7.806	49	14246	5.967	ug/l		95
29) Tetrahydrofuran	7.841	42	37437	26.453	ug/l		99
30) Chloroform	7.965	83	28901	5.225	ug/l		98
31) Cyclohexane	8.253	56	33730	6.122	ug/l		96
32) 1,1,1-Trichloroethane	8.165	97	25387	5.365	ug/l		89
36) 1,1-Dichloropropene	8.371	75	21310	5.270	ug/l		100
37) Ethyl Acetate	7.559	43	22206	5.216	ug/l		99
38) Carbon Tetrachloride	8.359	117	20544	5.335	ug/l		92
39) Methylcyclohexane	9.594	83	25242	5.251	ug/l		99
40) Benzene	8.600	78	67406	5.202	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086278.D
Acq On : 15 Apr 2025 12:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 03:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	12454	5.047	ug/l		95
42) 1,2-Dichloroethane	8.671	62	21638	5.237	ug/l		100
43) Isopropyl Acetate	8.682	43	55105	5.444	ug/l	#	90
44) Trichloroethene	9.353	130	15562	5.067	ug/l		95
45) 1,2-Dichloropropane	9.618	63	16719	5.272	ug/l		94
46) Dibromomethane	9.706	93	10633	5.262	ug/l		97
47) Bromodichloromethane	9.888	83	23118	5.297	ug/l		95
48) Methyl methacrylate	9.682	41	19018	5.087	ug/l		98
49) 1,4-Dioxane	9.688	88	6722	105.699	ug/l		97
51) 4-Methyl-2-Pentanone	10.441	43	113773	26.097	ug/l		100
52) Toluene	10.624	92	42032	5.199	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	25020	5.136	ug/l		99
54) cis-1,3-Dichloropropene	10.306	75	27737	5.183	ug/l		95
55) 1,1,2-Trichloroethane	11.018	97	15559	5.349	ug/l		98
56) Ethyl methacrylate	10.871	69	28102	5.256	ug/l		97
57) 1,3-Dichloropropane	11.159	76	26905	5.213	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.153	63	77113	30.387	ug/l		100
59) 2-Hexanone	11.194	43	84443	26.113	ug/l		99
60) Dibromochloromethane	11.359	129	16611	5.201	ug/l		100
61) 1,2-Dibromoethane	11.471	107	14929	5.087	ug/l		97
64) Tetrachloroethene	11.100	164	14998	5.188	ug/l		96
65) Chlorobenzene	11.888	112	44164	5.265	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.959	131	14896	5.383	ug/l		98
67) Ethyl Benzene	11.959	91	79376	5.244	ug/l		97
68) m/p-Xylenes	12.071	106	59758	10.537	ug/l		99
69) o-Xylene	12.394	106	29751	5.305	ug/l		98
70) Styrene	12.406	104	48407	5.180	ug/l		99
71) Bromoform	12.576	173	11065	5.311	ug/l	#	97
73) Isopropylbenzene	12.694	105	71658	5.221	ug/l		100
74) N-amyl acetate	12.488	43	35409	5.182	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	21720	5.503	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	19196m	4.870	ug/l		
77) Bromobenzene	12.976	156	15681	5.156	ug/l		93
78) n-propylbenzene	13.035	91	85101	5.261	ug/l		99
79) 2-Chlorotoluene	13.123	91	54490	5.384	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	59035	5.255	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	8832m	5.357	ug/l		
82) 4-Chlorotoluene	13.217	91	52887	5.260	ug/l		99
83) tert-Butylbenzene	13.435	119	51302	5.270	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	61145	5.347	ug/l		98
85) sec-Butylbenzene	13.612	105	72305	5.355	ug/l		99
86) p-Isopropyltoluene	13.723	119	58514	5.258	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	30570	5.347	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	30447	5.287	ug/l		94
89) n-Butylbenzene	14.053	91	50562	5.126	ug/l		99
90) Hexachloroethane	14.329	117	9832	5.252	ug/l		97
91) 1,2-Dichlorobenzene	14.100	146	30546	5.511	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4593	5.772	ug/l		93
93) 1,2,4-Trichlorobenzene	15.388	180	14506	5.465	ug/l		99
94) Hexachlorobutadiene	15.500	225	5680	5.669	ug/l		97
95) Naphthalene	15.641	128	49586	5.270	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	13599	5.412	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086278.D
Acq On : 15 Apr 2025 12:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 03:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086278.D
Acq On : 15 Apr 2025 12:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 16 03:55:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
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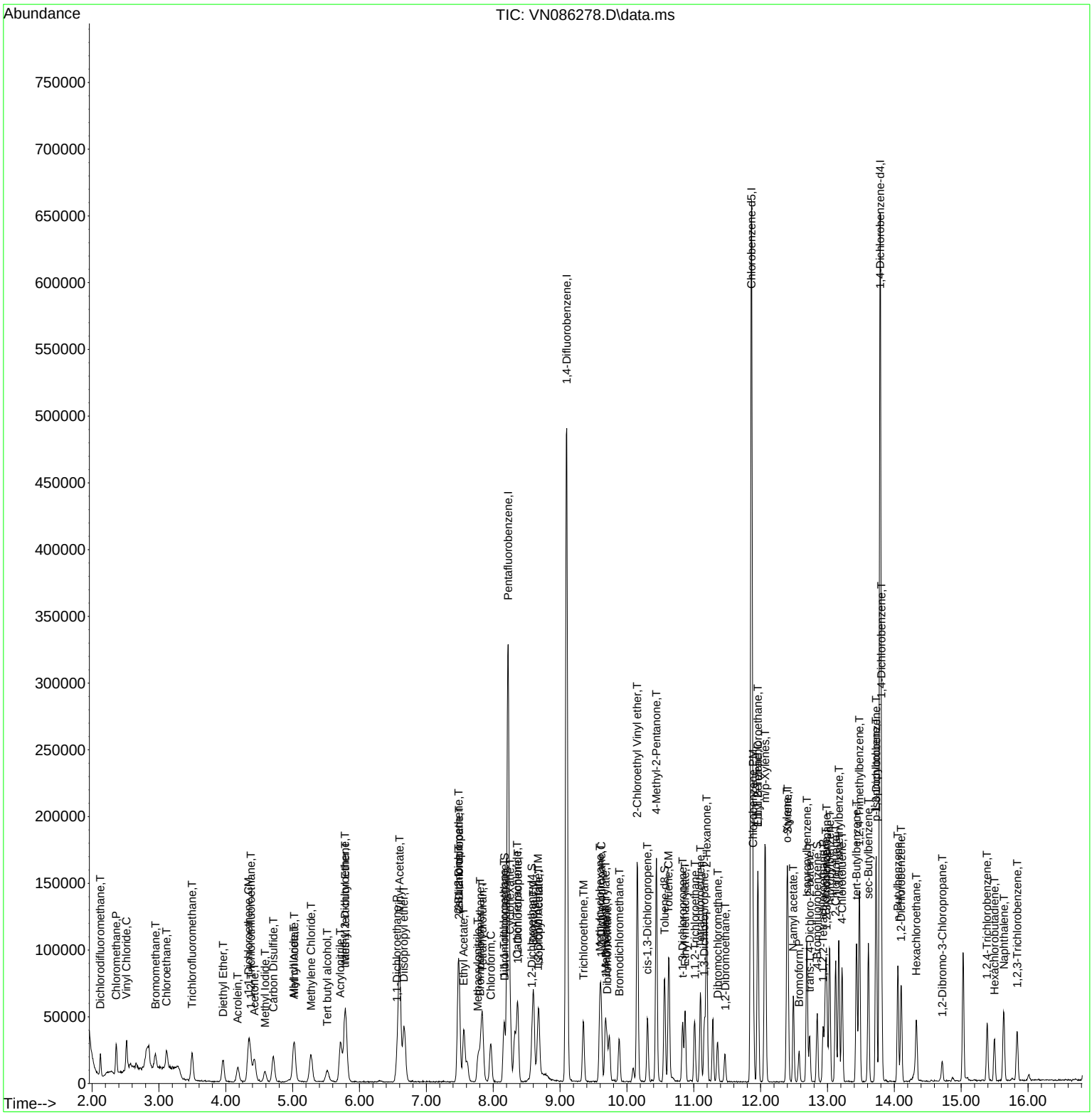
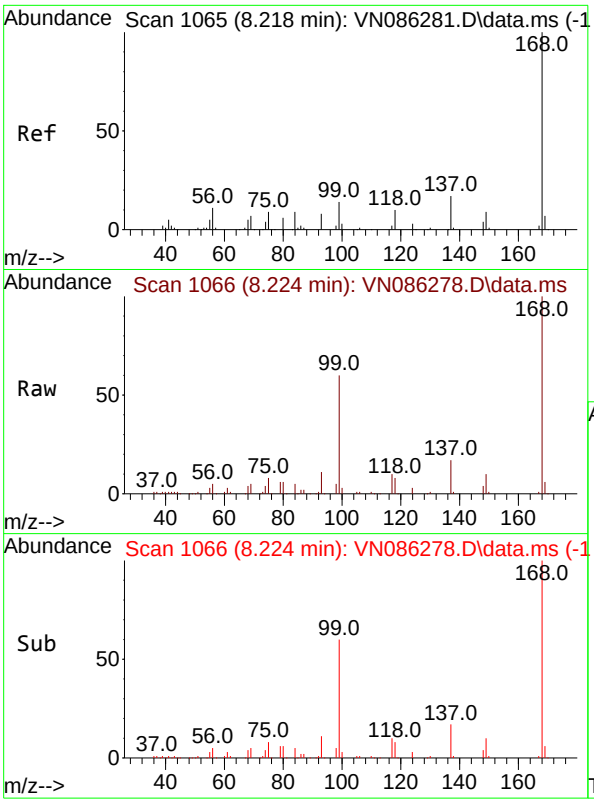
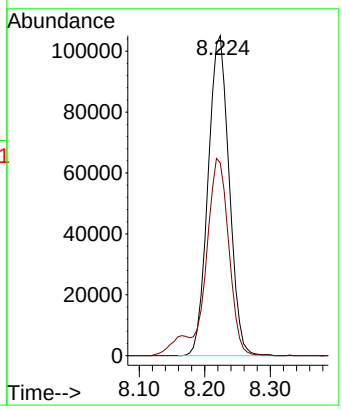




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:168 Resp: 23447

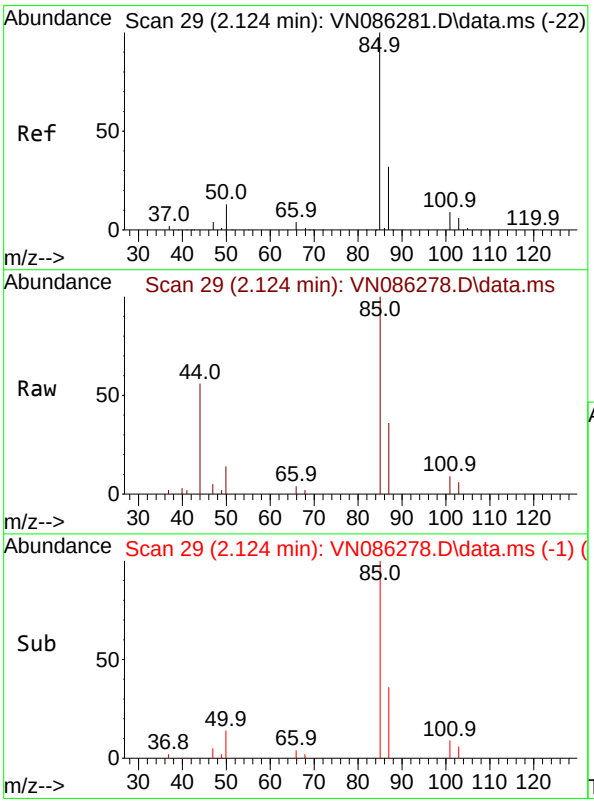
Ion	Ratio	Lower	Upper
168	100		
99	60.2	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

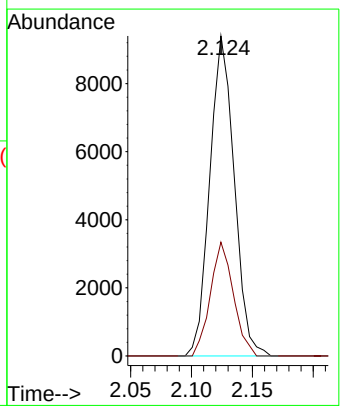
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

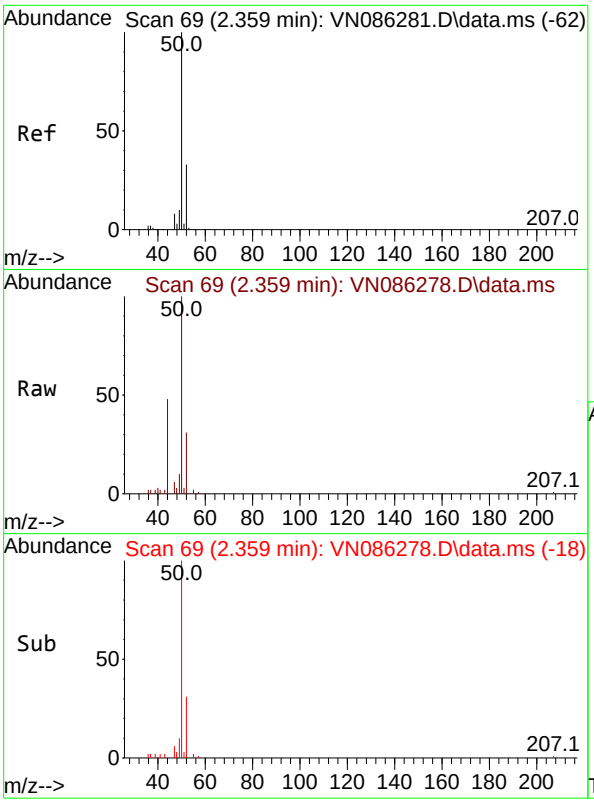


#2
Dichlorodifluoromethane
Concen: 4.735 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 85 Resp: 13162

Ion	Ratio	Lower	Upper
85	100		
87	35.6	16.3	48.8

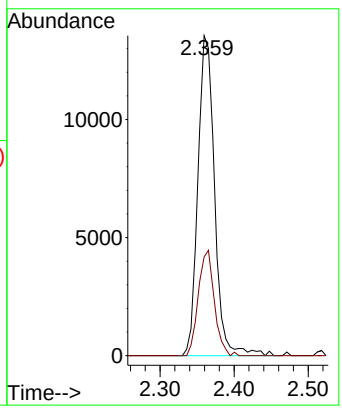




#3
Chloromethane
Concen: 5.246 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 50 Resp: 2119

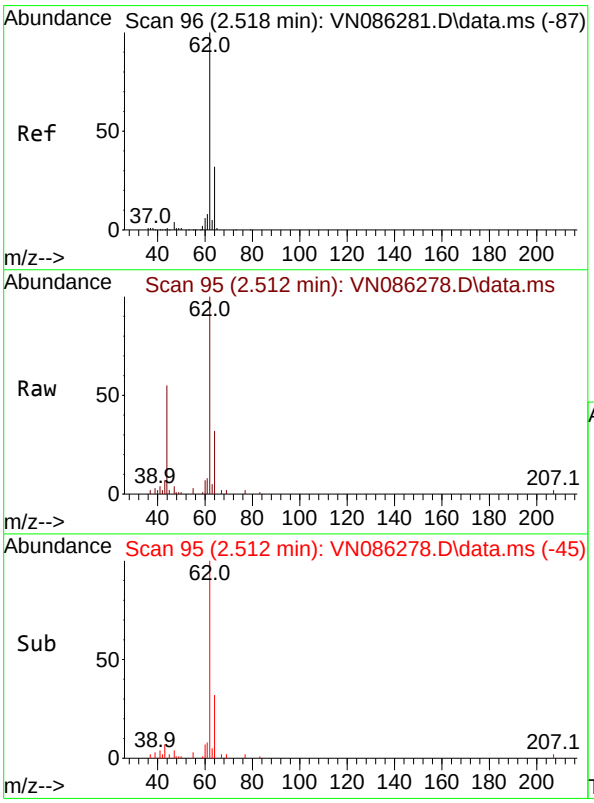
Ion	Ratio	Lower	Upper
50	100		
52	30.8	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

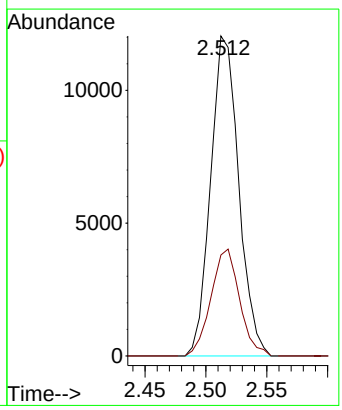
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

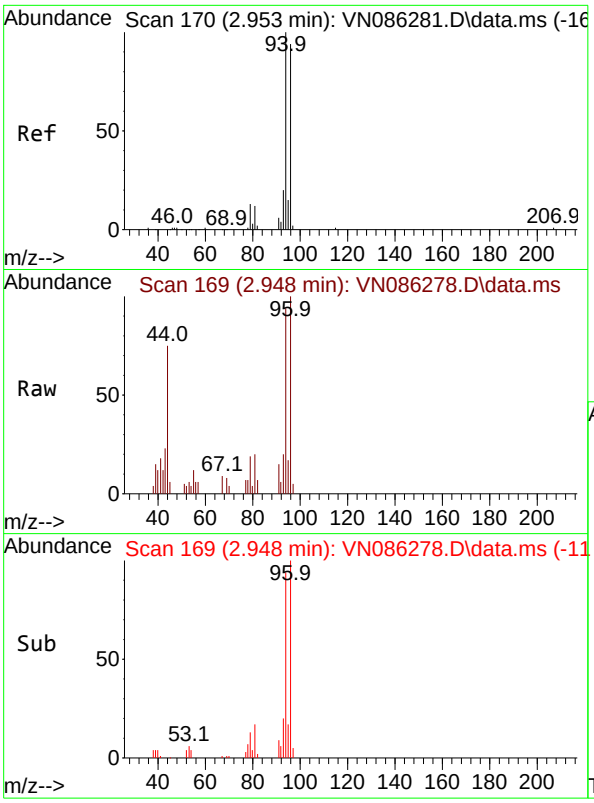


#4
Vinyl Chloride
Concen: 5.018 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 62 Resp: 19342

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.6	38.4

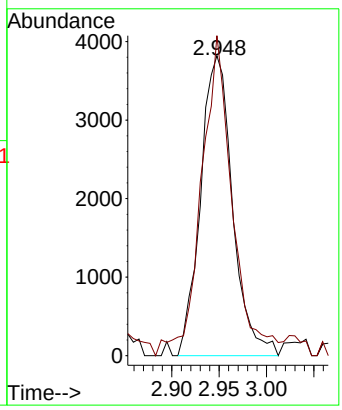




#5
Bromomethane
Concen: 5.180 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 94 Resp: 898

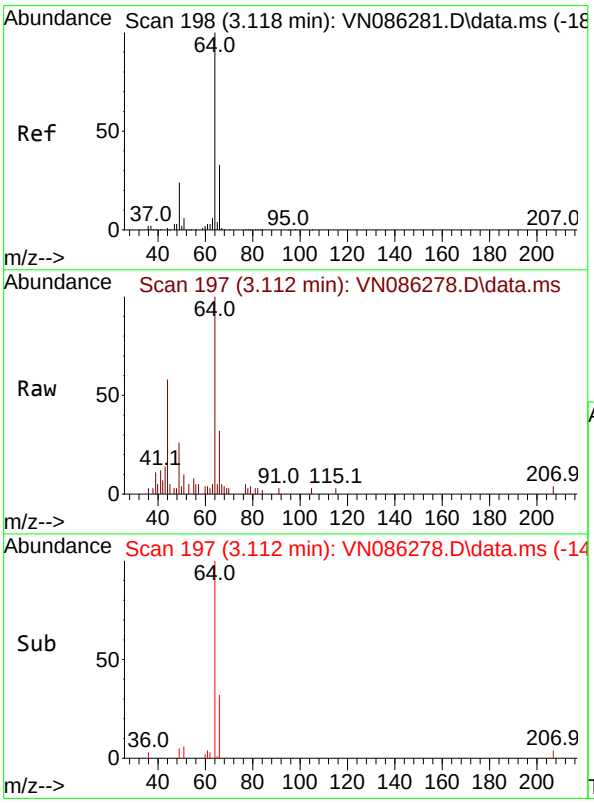
Ion	Ratio	Lower	Upper
94	100		
96	102.3	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

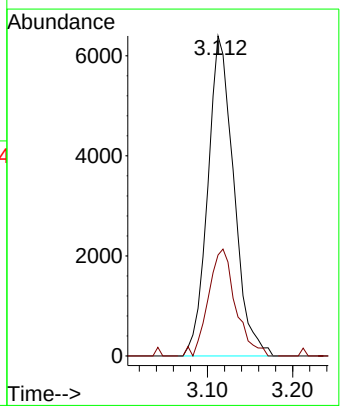
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

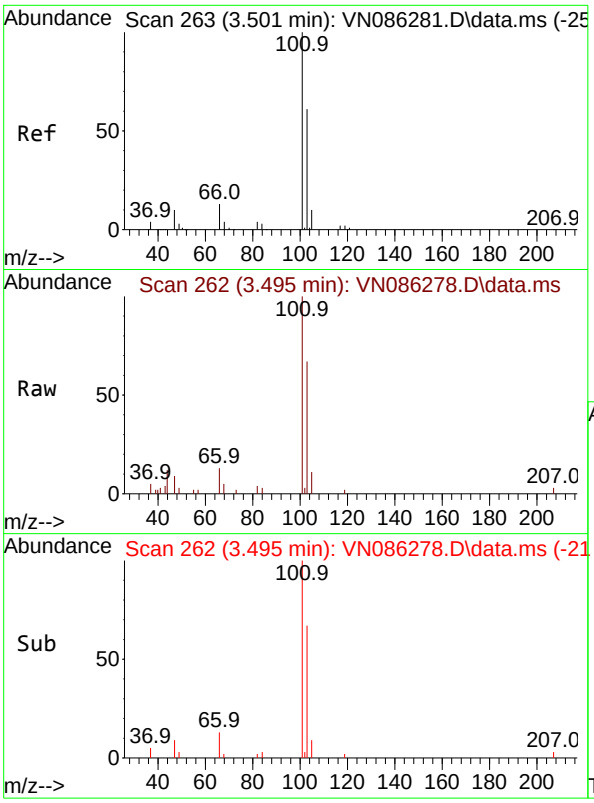


#6
Chloroethane
Concen: 5.268 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 64 Resp: 13592

Ion	Ratio	Lower	Upper
64	100		
66	31.6	26.2	39.2





#7
Trichlorofluoromethane
Concen: 5.223 ug/l
RT: 3.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

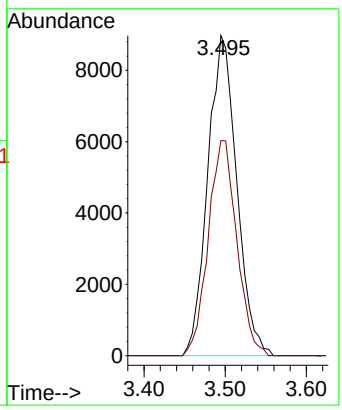
Tgt Ion:101 Resp: 2230

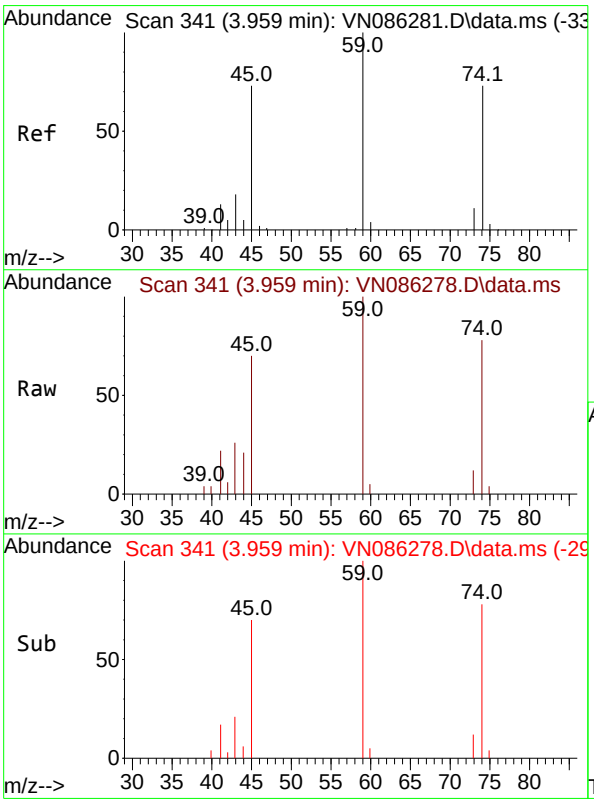
Ion	Ratio	Lower	Upper
101	100		
103	67.3	49.2	73.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

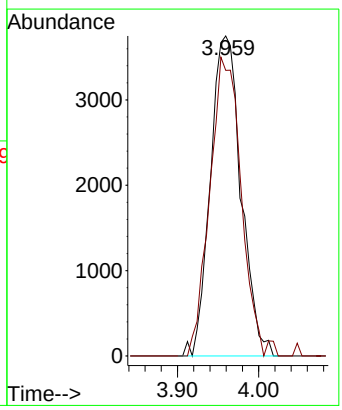


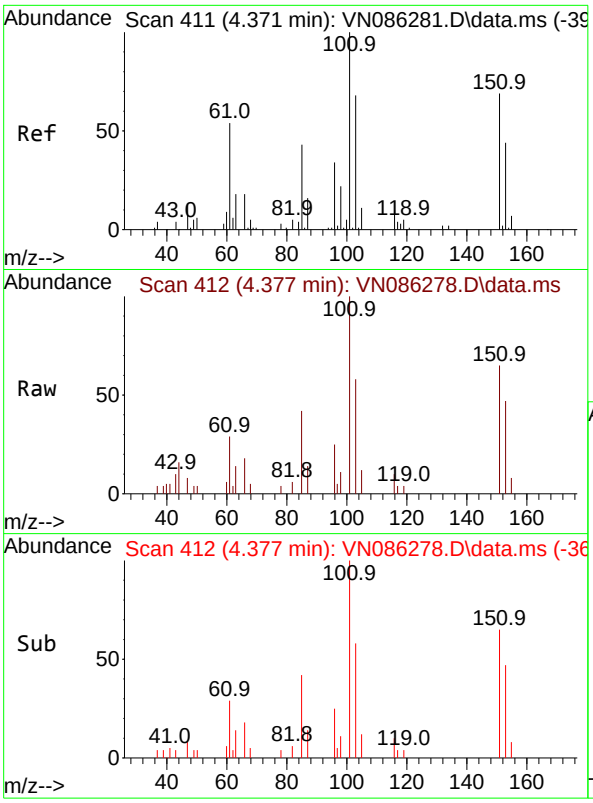


#8
Diethyl Ether
Concen: 5.291 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 74 Resp: 9862

Ion	Ratio	Lower	Upper
74	100		
45	94.4	48.0	144.2

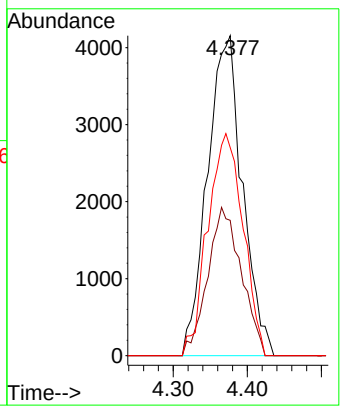




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.278 ug/l
RT: 4.377 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:101 Resp: 1363

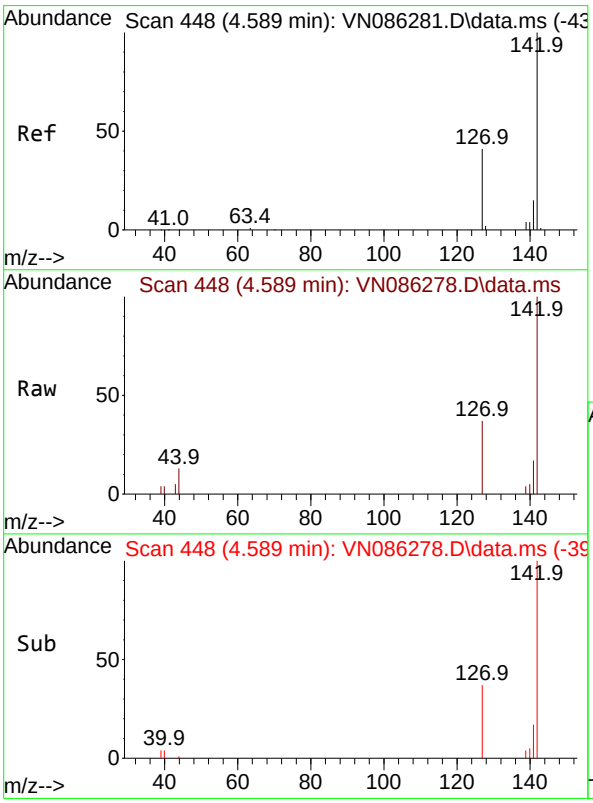
Ion	Ratio	Lower	Upper
101	100		
85	44.6	34.7	52.1
151	69.9	56.1	84.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

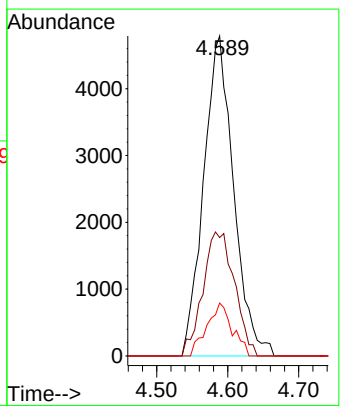
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

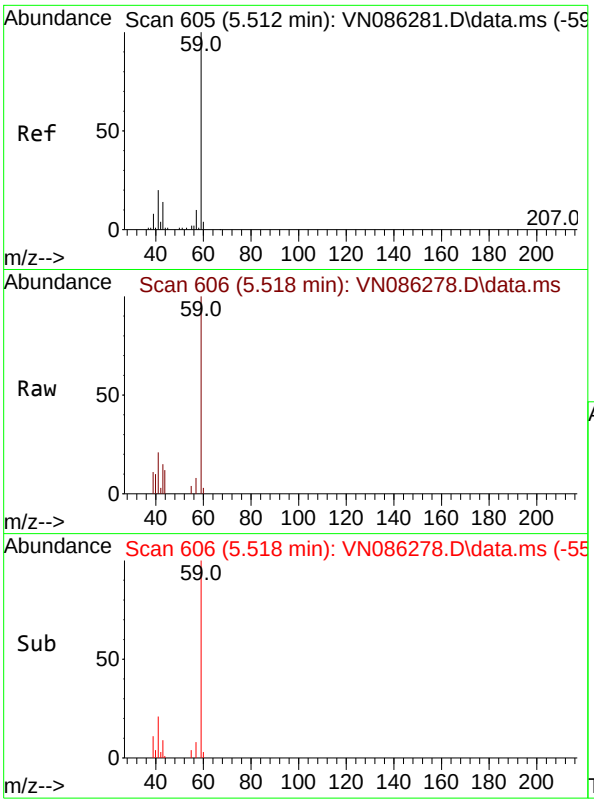


#10
Methyl Iodide
Concen: 4.941 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:142 Resp: 14033

Ion	Ratio	Lower	Upper
142	100		
127	37.0	32.7	49.1
141	16.5	11.7	17.5

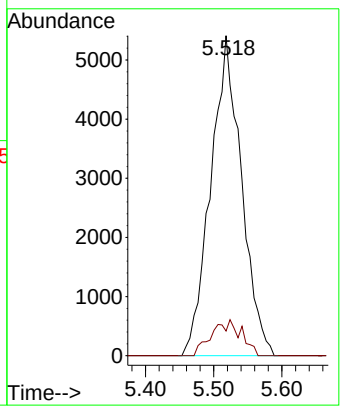




#11
Tert butyl alcohol
Concen: 27.348 ug/l
RT: 5.518 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 59 Resp: 1696

Ion	Ratio	Lower	Upper
59	100		
57	5.8	8.3	12.5#



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
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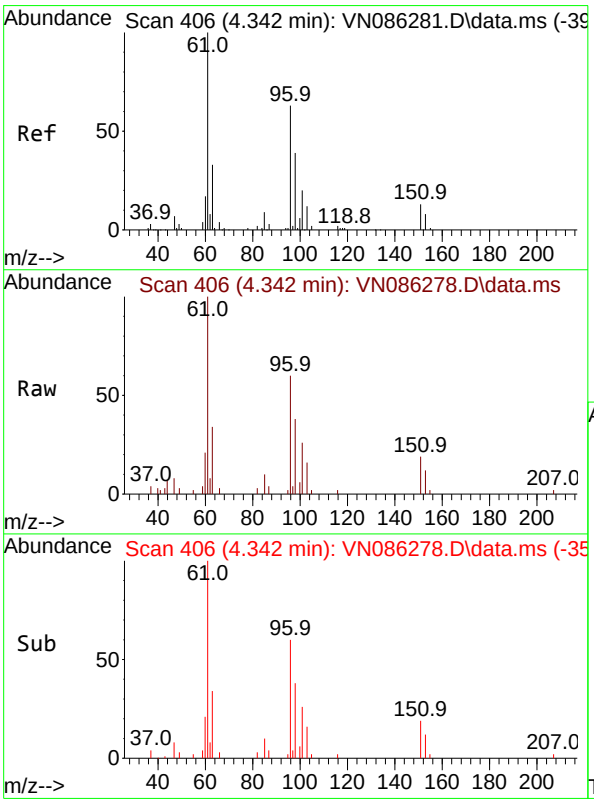
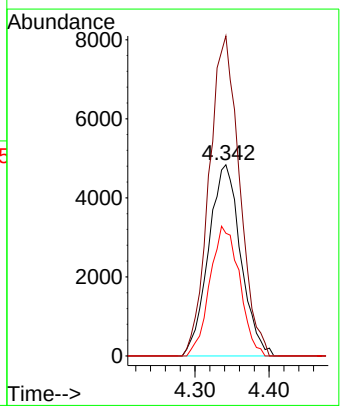
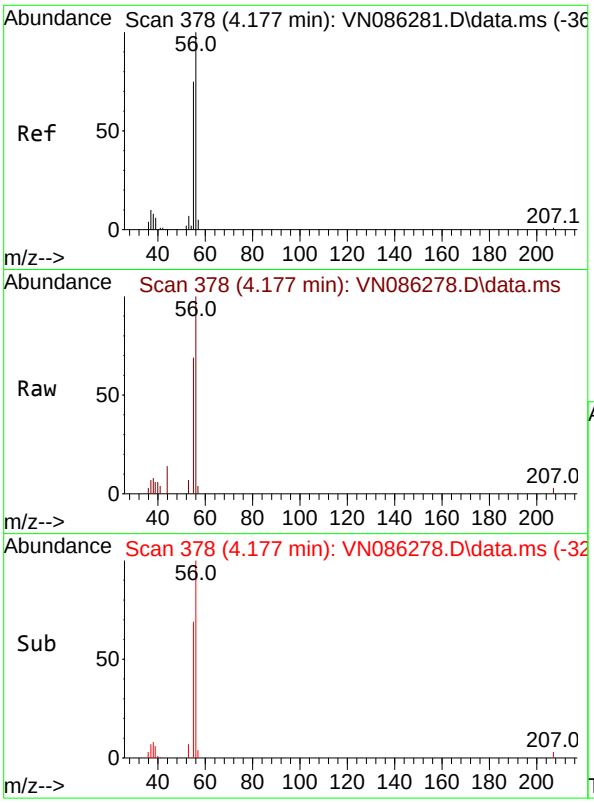


#12
1,1-Dichloroethene
Concen: 5.284 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 96 Resp: 14583

Ion	Ratio	Lower	Upper
96	100		
61	167.4	126.6	189.8
98	64.2	49.6	74.4

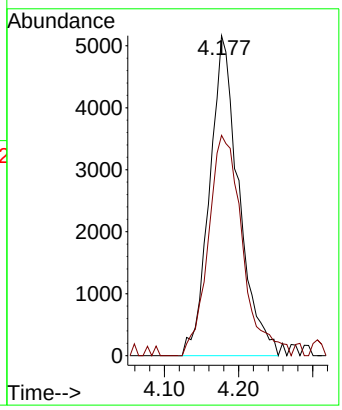




#13
Acrolein
Concen: 35.938 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 56 Resp: 1413

Ion	Ratio	Lower	Upper
56	100		
55	80.3	58.5	87.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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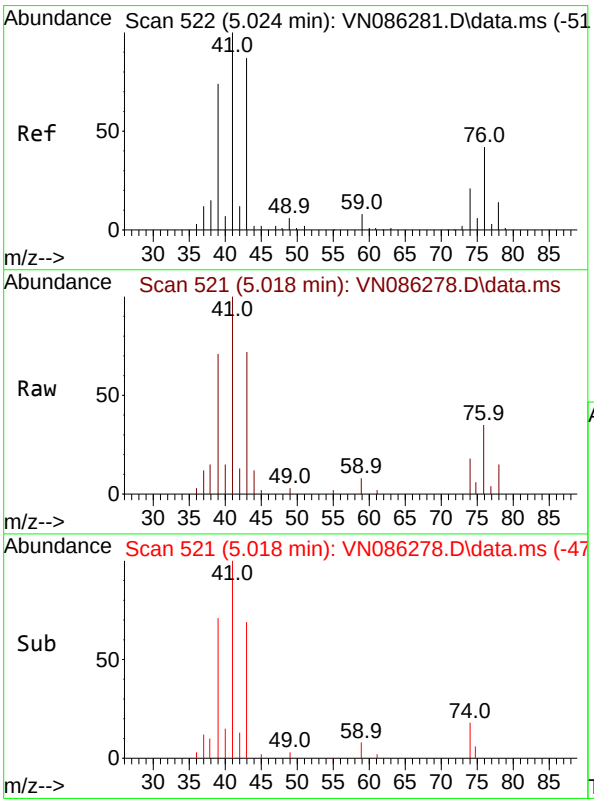
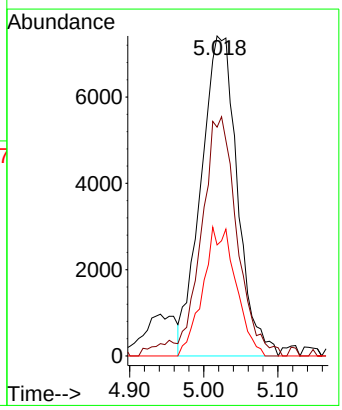
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

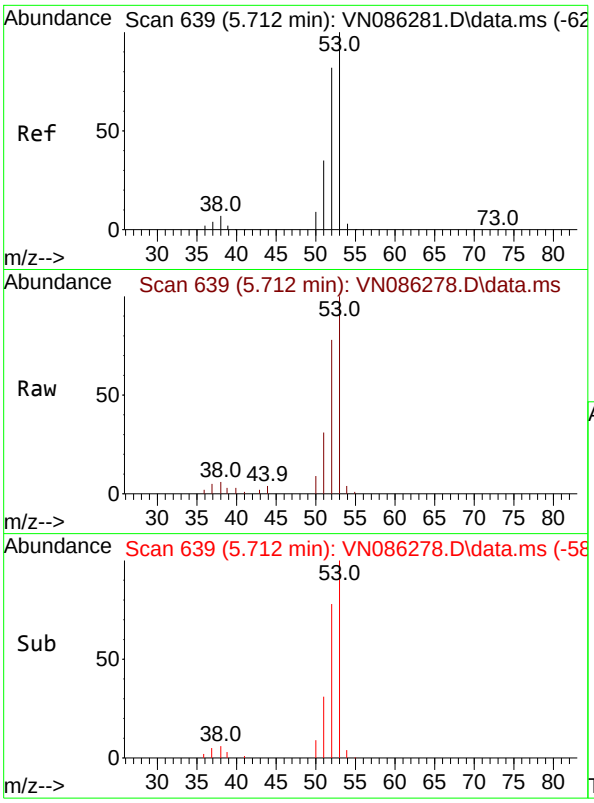


#14
Allyl chloride
Concen: 5.174 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 41 Resp: 25369

Ion	Ratio	Lower	Upper
41	100		
39	74.8	59.2	88.8
76	36.4	31.2	46.8





#15
Acrylonitrile
Concen: 26.709 ug/l
RT: 5.712 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 53 Resp: 4096

Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.5	98.3
51	35.5	28.6	42.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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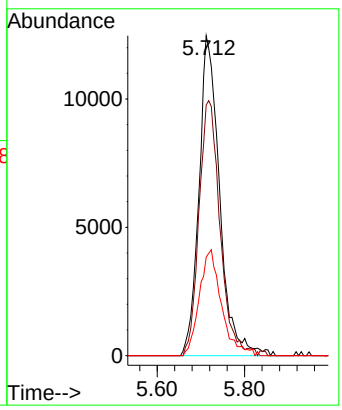
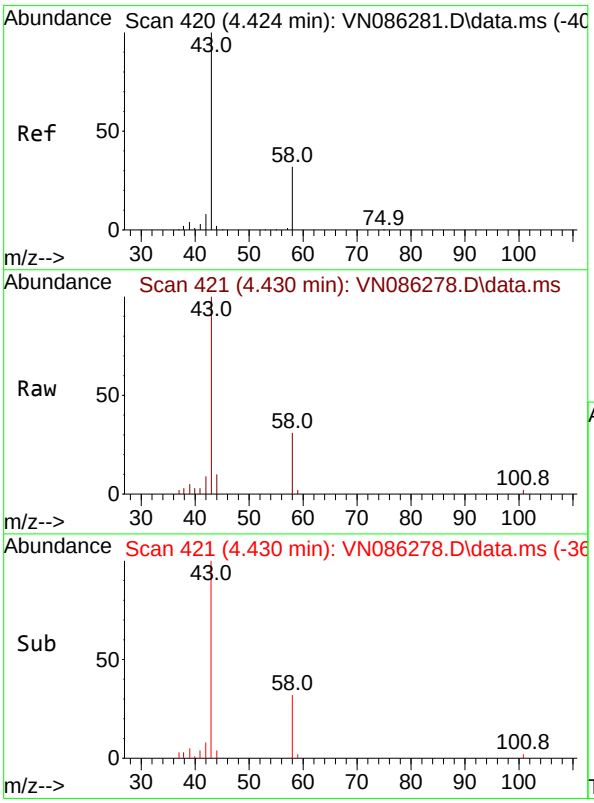
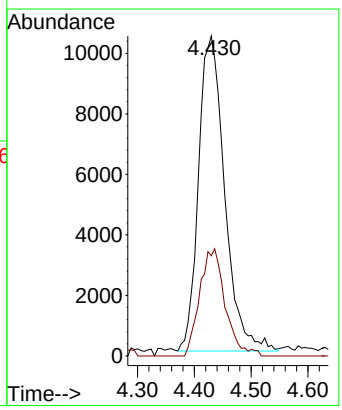


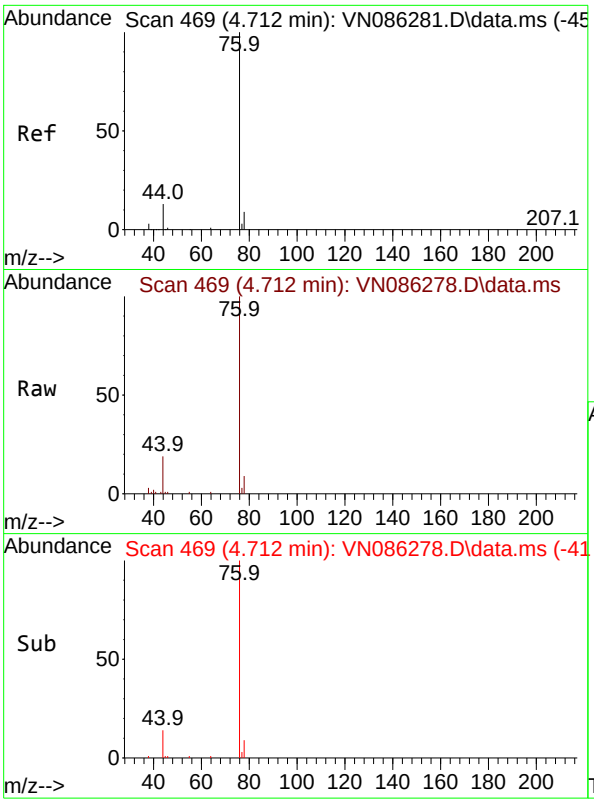


#16
Acetone
Concen: 23.124 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 33298

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.3	37.9

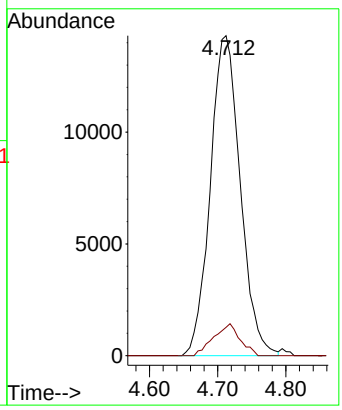




#17
Carbon Disulfide
Concen: 5.289 ug/l
RT: 4.712 min Scan# 4(
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 76 Resp: 4370(

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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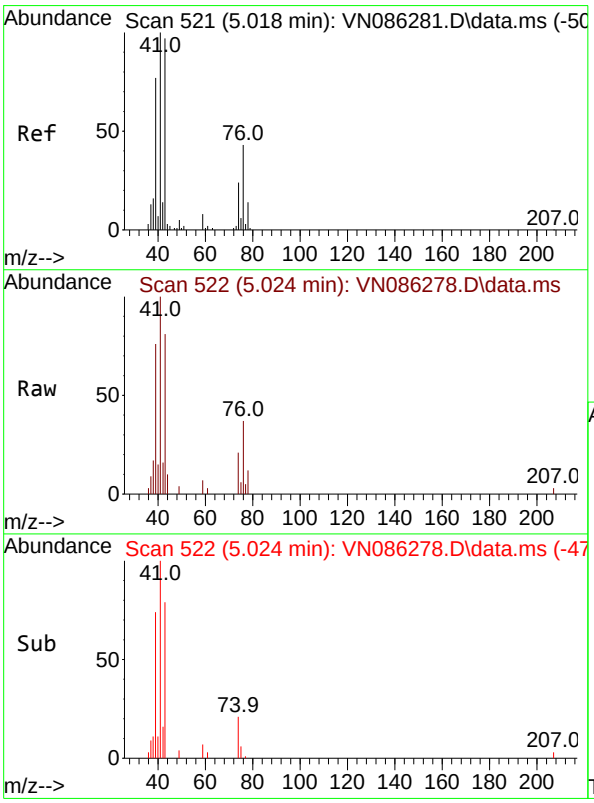
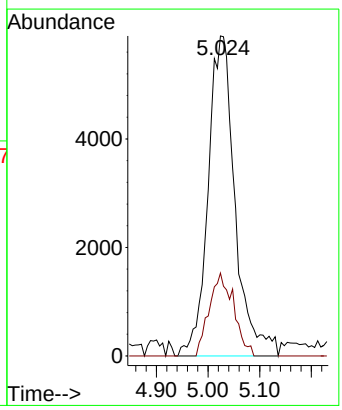
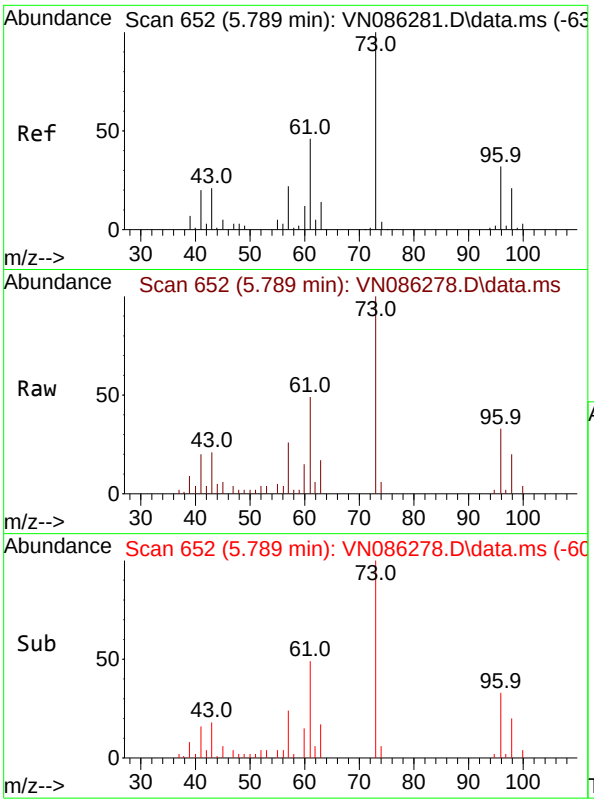


#18
Methyl Acetate
Concen: 5.239 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 21384

Ion	Ratio	Lower	Upper
43	100		
74	23.4	19.8	29.6

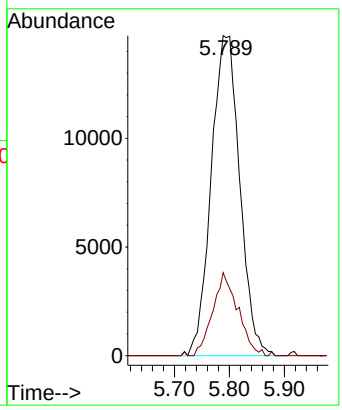




#19
Methyl tert-butyl Ether
Concen: 5.238 ug/l
RT: 5.789 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 73 Resp: 5313

Ion	Ratio	Lower	Upper
73	100		
57	26.0	17.6	26.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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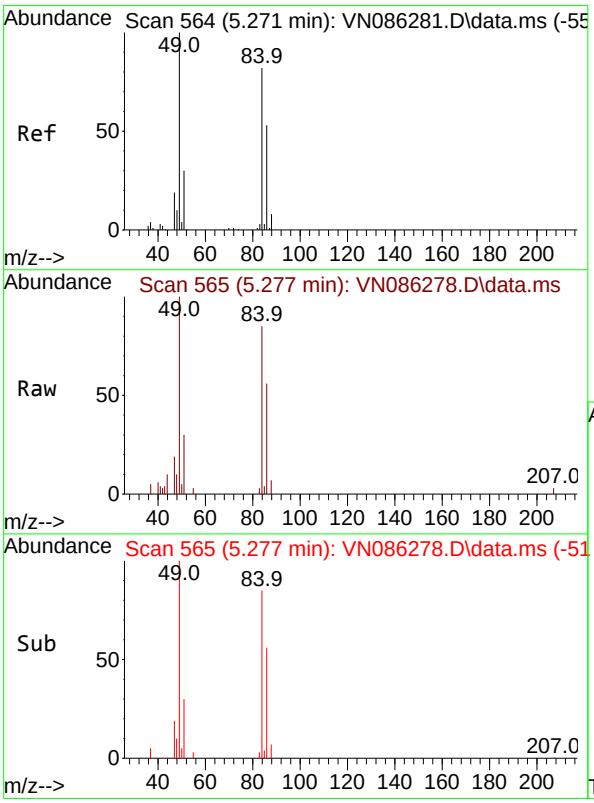
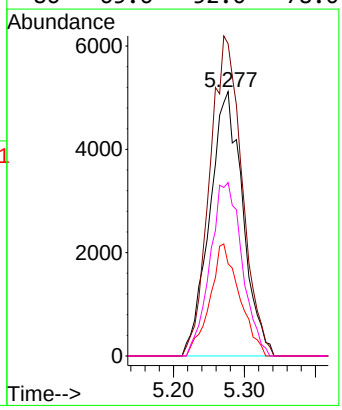
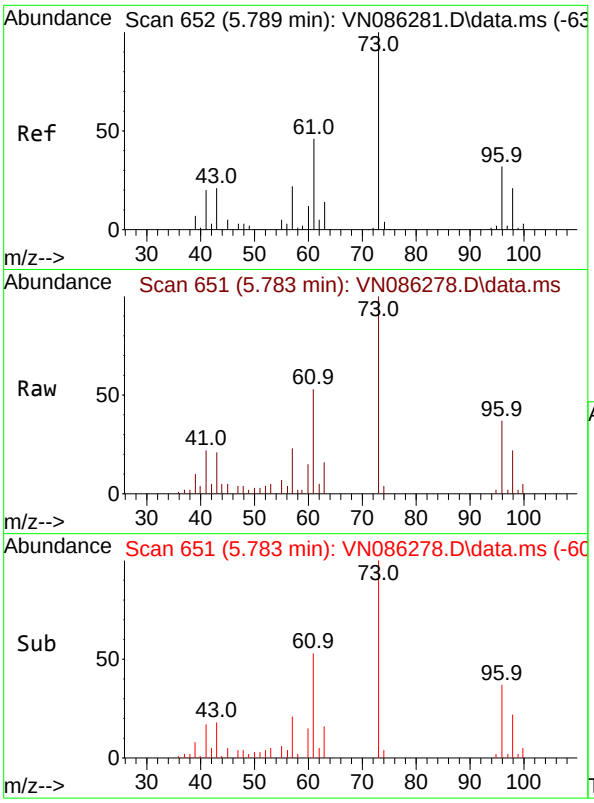


#20
Methylene Chloride
Concen: 5.270 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 84 Resp: 16566

Ion	Ratio	Lower	Upper
84	100		
49	118.1	98.2	147.2
51	34.9	29.8	44.6
86	65.6	52.0	78.0

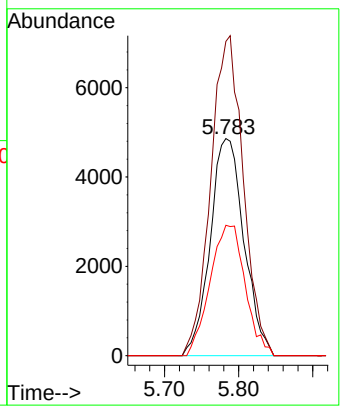




#21
trans-1,2-Dichloroethene
Concen: 5.331 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 96 Resp: 1538

Ion	Ratio	Lower	Upper
96	100		
61	144.8	114.6	171.8
98	60.1	51.2	76.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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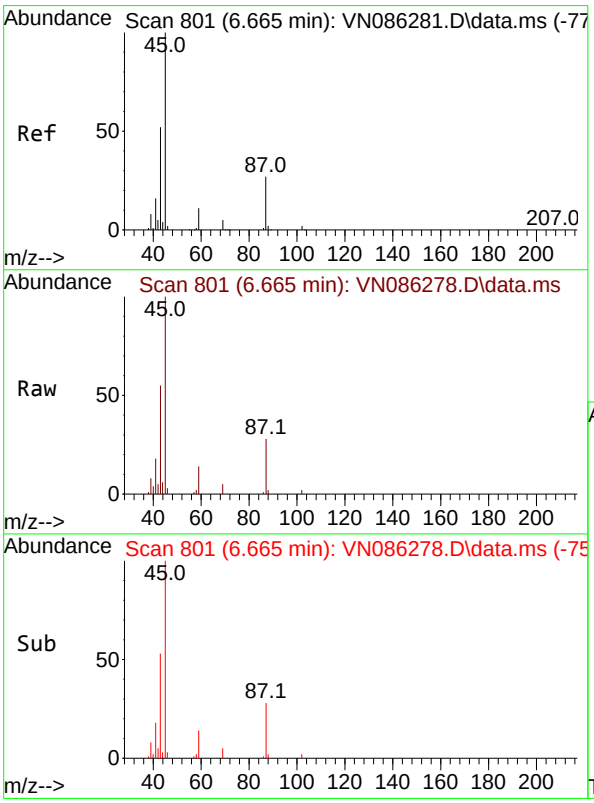
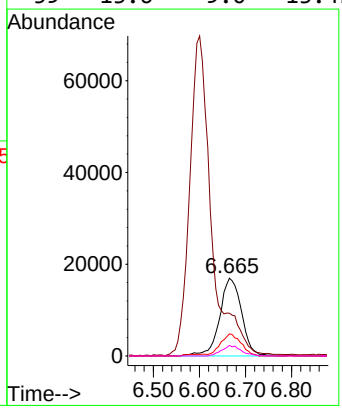
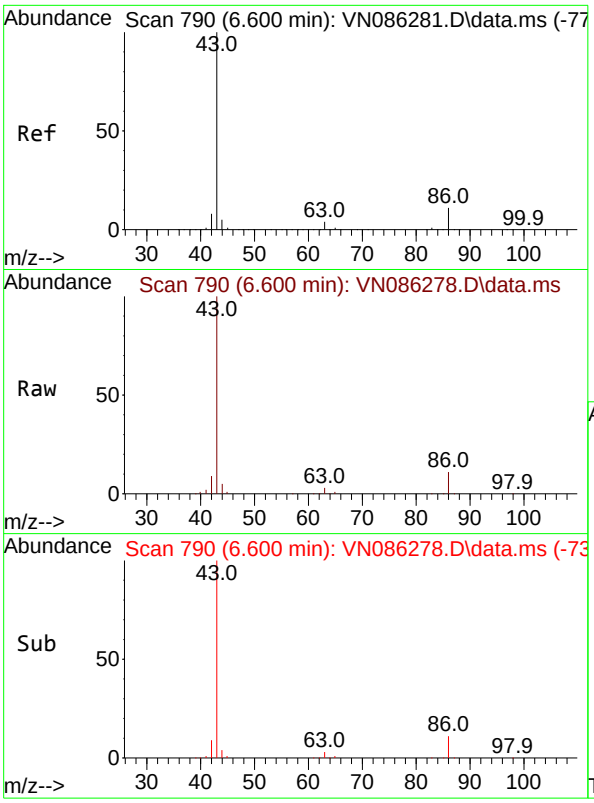


#22
Diisopropyl ether
Concen: 5.239 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 45 Resp: 55913

Ion	Ratio	Lower	Upper
45	100		
43	52.8	41.8	62.8
87	28.4	21.6	32.4
59	13.6	9.0	13.4#





#23
Vinyl Acetate
Concen: 27.614 ug/l m
RT: 6.600 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 20595

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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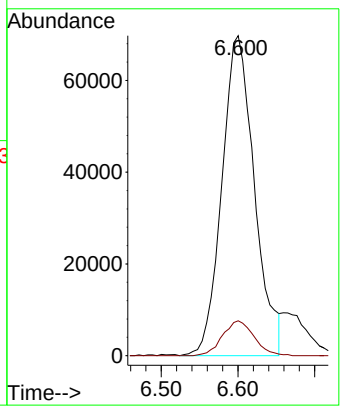
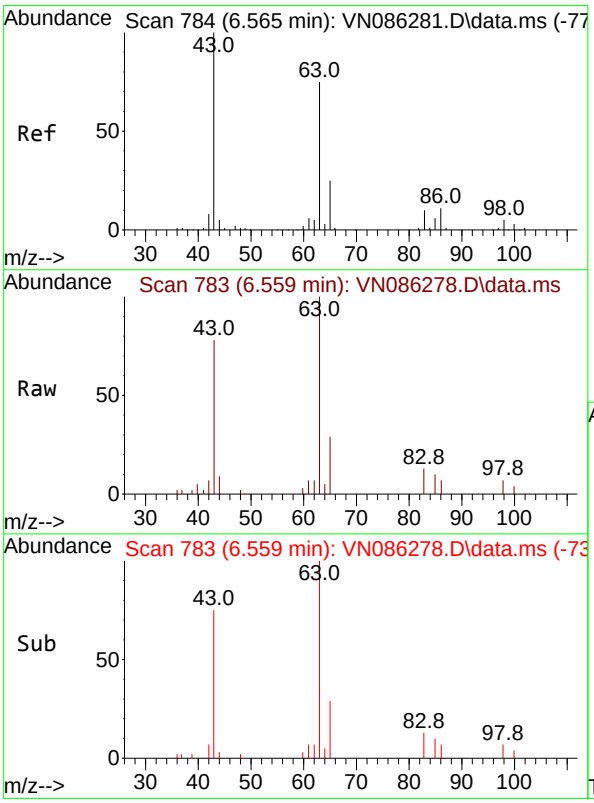
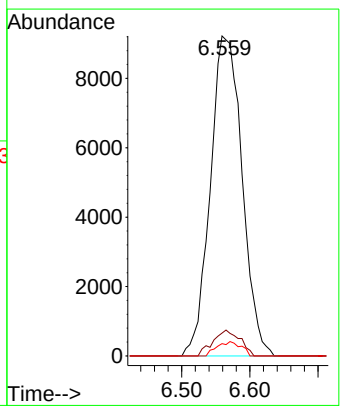


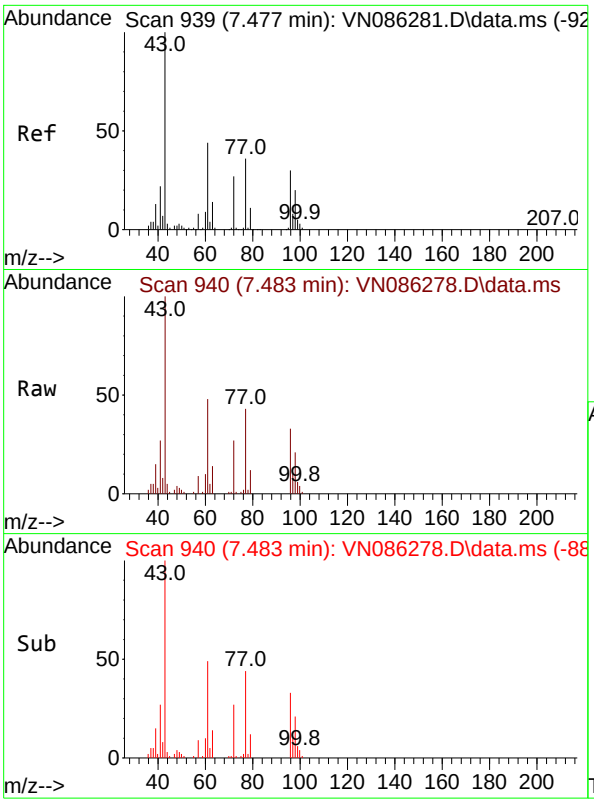


#24
1,1-Dichloroethane
Concen: 5.304 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 63 Resp: 29865

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.2
100	3.9	2.1	6.5





#25
2-Butanone
Concen: 26.210 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 5547

Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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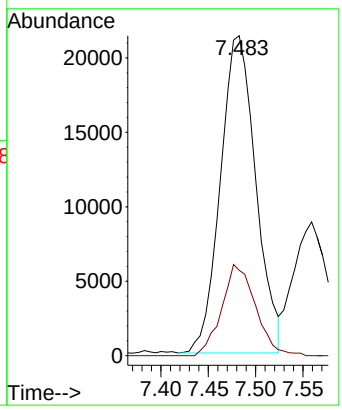
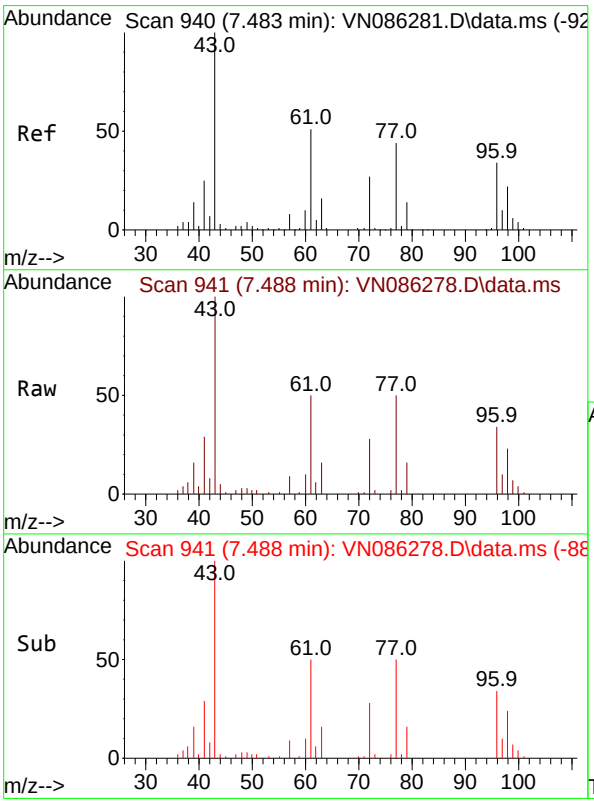
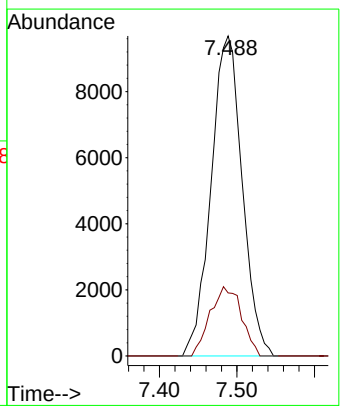


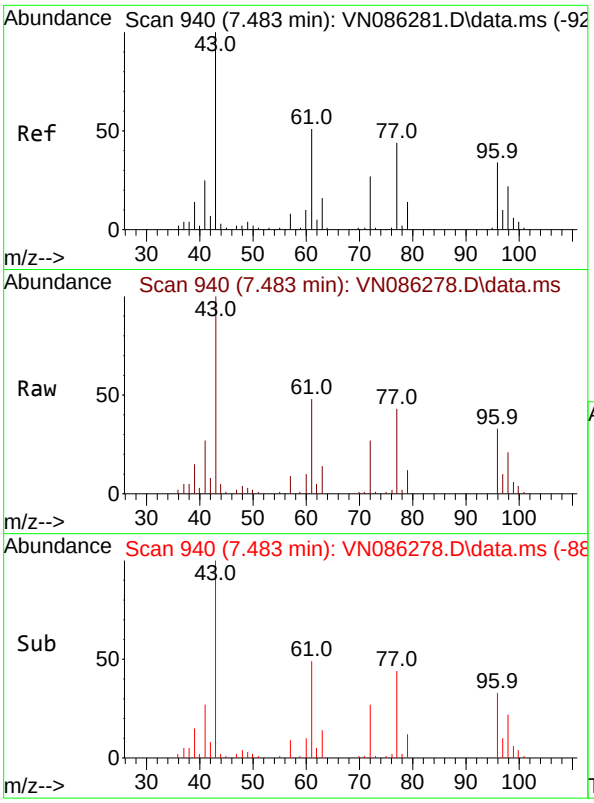


#26
2,2-Dichloropropane
Concen: 5.365 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 77 Resp: 27048

Ion	Ratio	Lower	Upper
77	100		
97	21.7	11.2	33.5

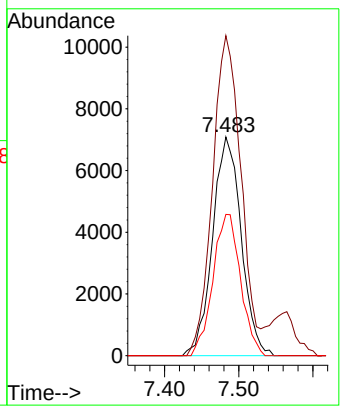




#27
cis-1,2-Dichloroethene
Concen: 5.301 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 96 Resp: 1898

Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	299.0
98	62.3	0.0	129.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
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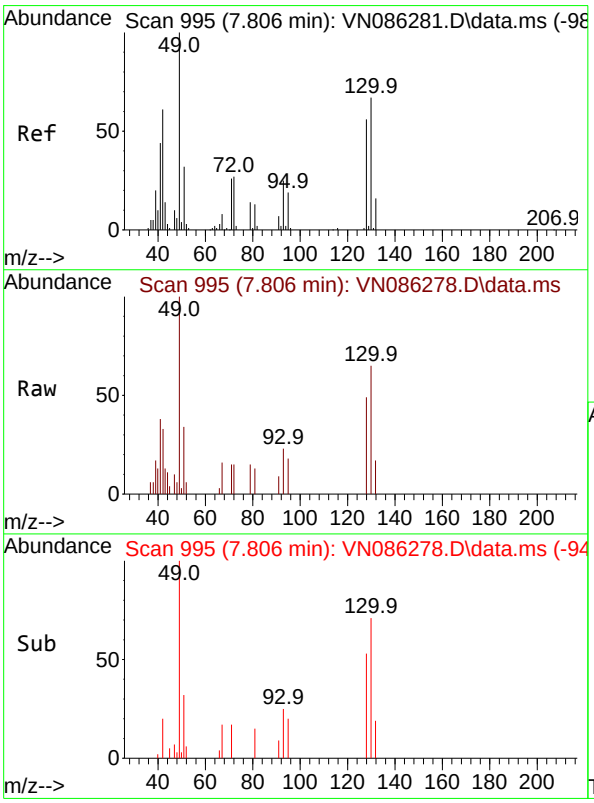
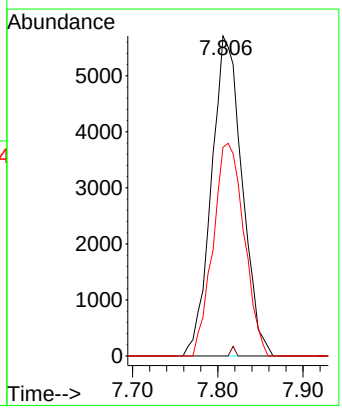
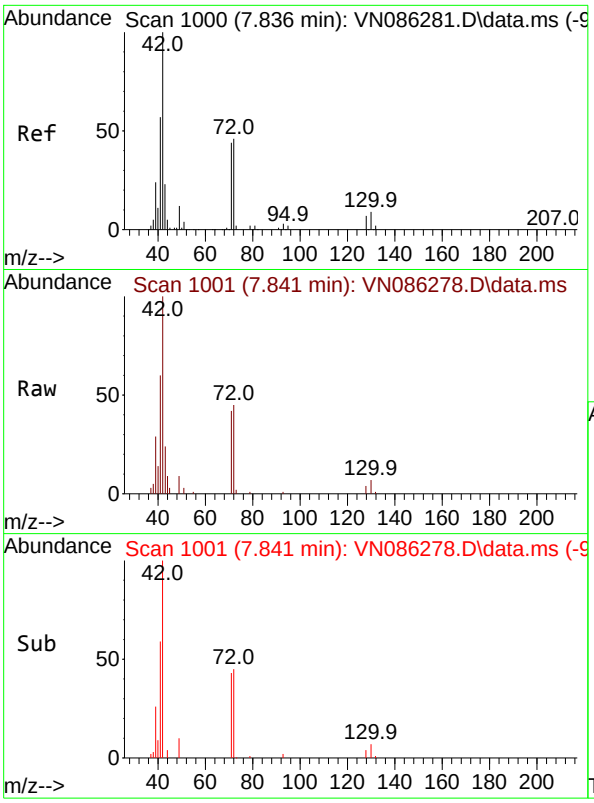


#28
Bromochloromethane
Concen: 5.967 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 49 Resp: 14246

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.4
130	67.3	57.1	85.7





#29
Tetrahydrofuran
Concen: 26.453 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 42 Resp: 3743

Ion	Ratio	Lower	Upper
42	100		
72	44.3	36.2	54.4
71	42.1	34.0	51.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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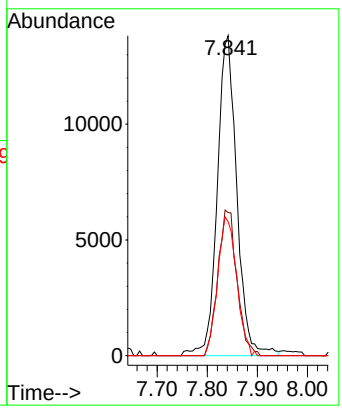
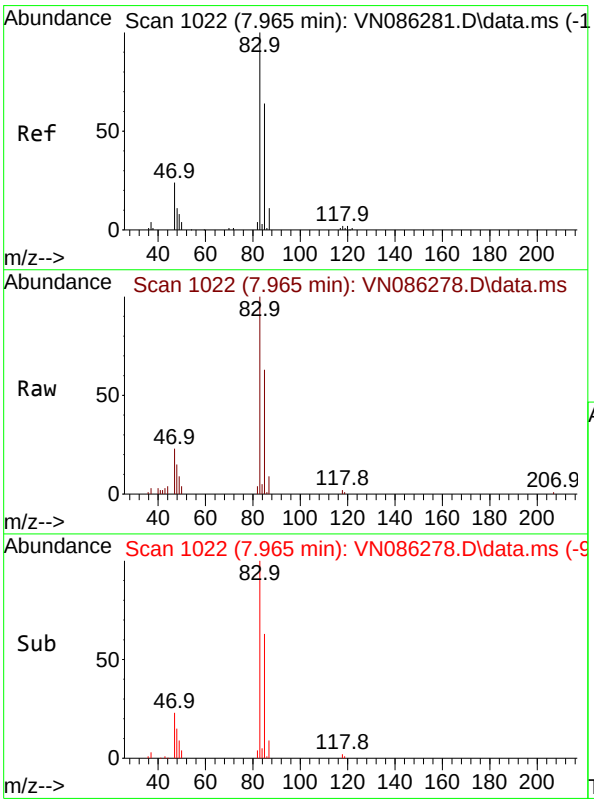
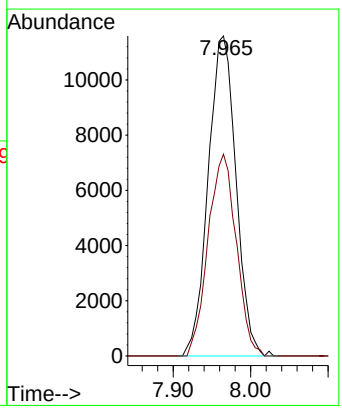


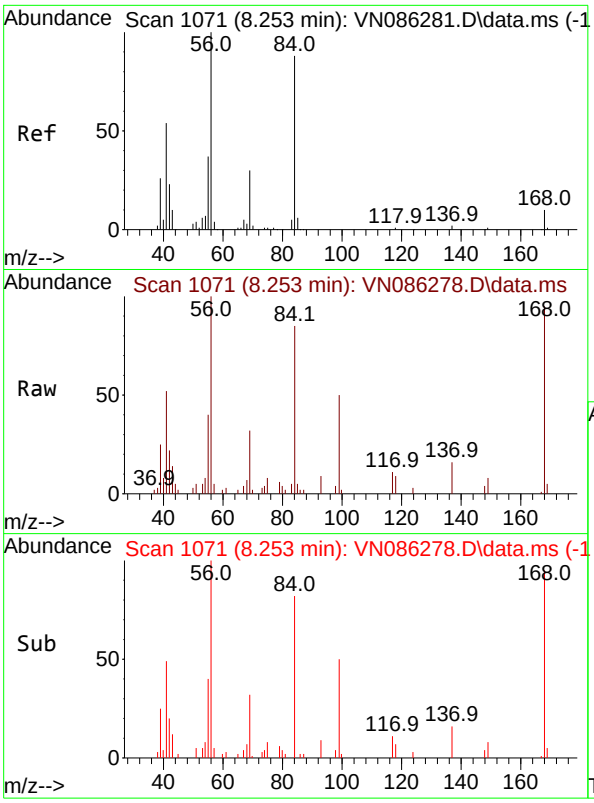


#30
Chloroform
Concen: 5.225 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 83 Resp: 28901

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.5	77.3

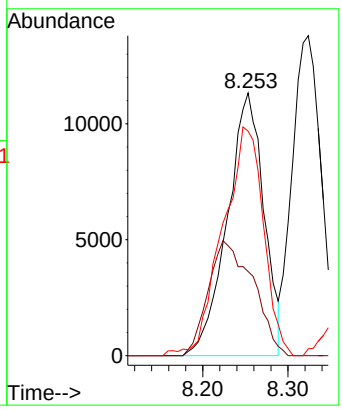




#31
Cyclohexane
Concen: 6.122 ug/l
RT: 8.253 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 56 Resp: 3373

Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.2	36.2
84	83.8	70.3	105.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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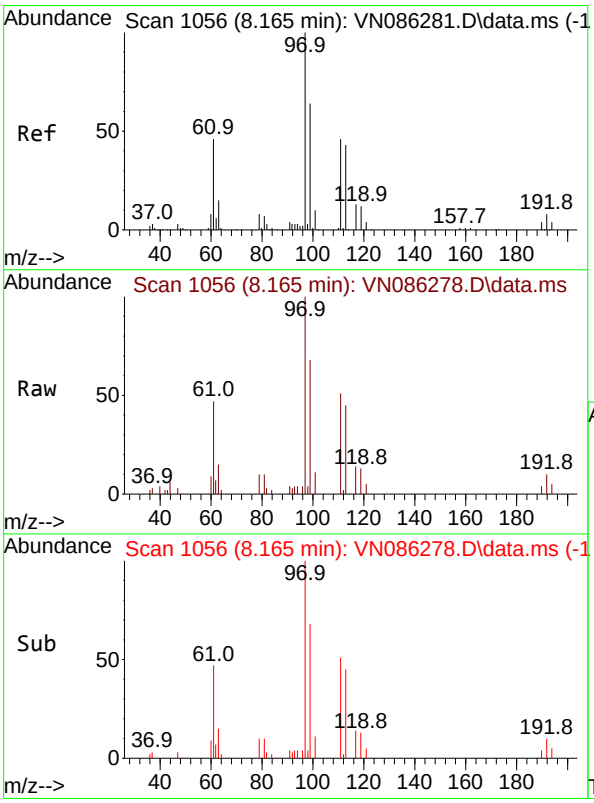
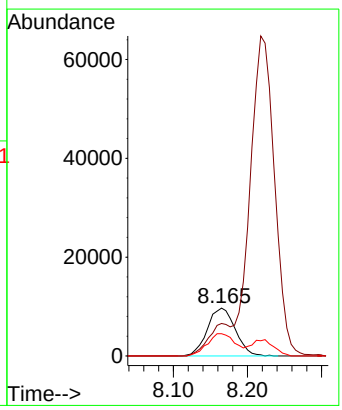
Supervised By :Semsettin Yesilyurt 04/16/2025

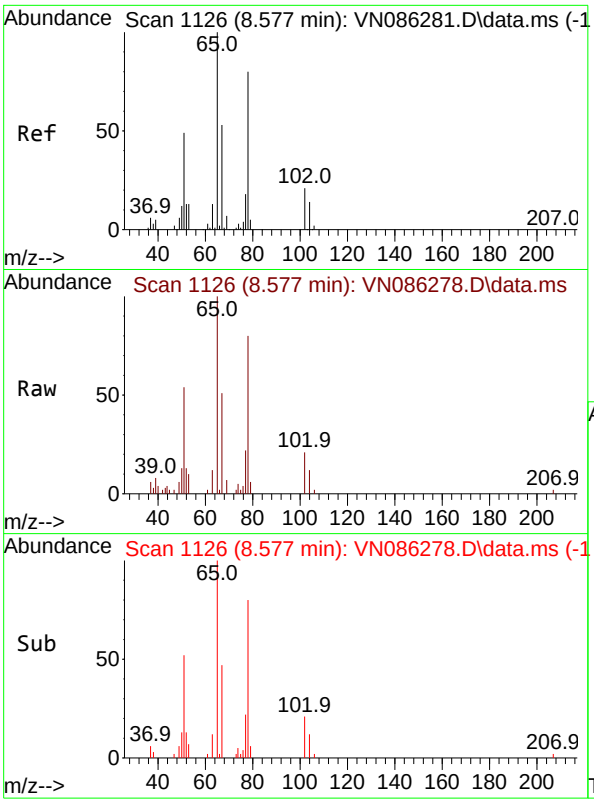


#32
1,1,1-Trichloroethane
Concen: 5.365 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 97 Resp: 25387

Ion	Ratio	Lower	Upper
97	100		
99	53.1	52.7	79.1
61	46.2	39.5	59.3

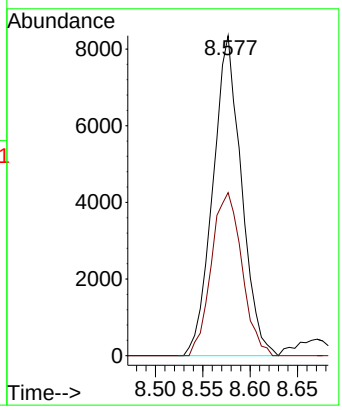




#33
1,2-Dichloroethane-d4
Concen: 5.143 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 65 Resp: 1748

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	106.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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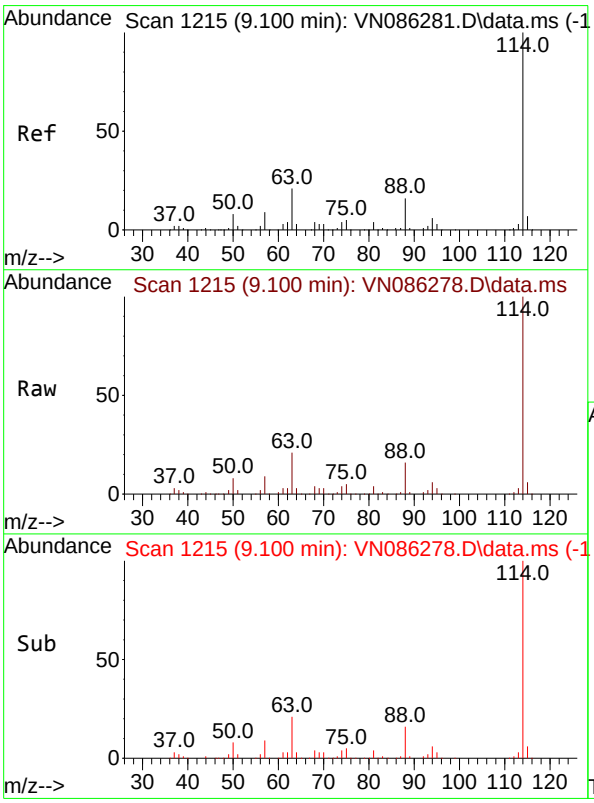
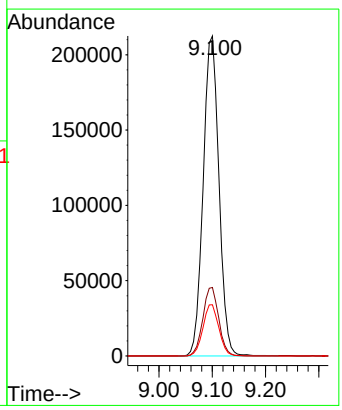
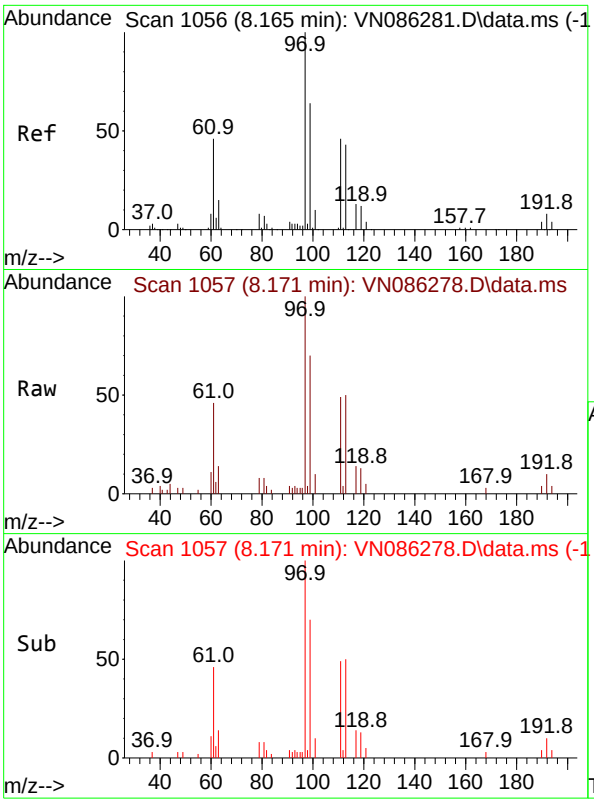


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:114 Resp: 436245

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.6
88	16.0	0.0	31.8

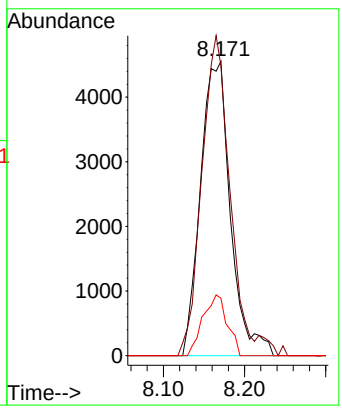




#35
Dibromofluoromethane
Concen: 5.759 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:113 Resp: 1166

Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.4	125.0
192	16.7	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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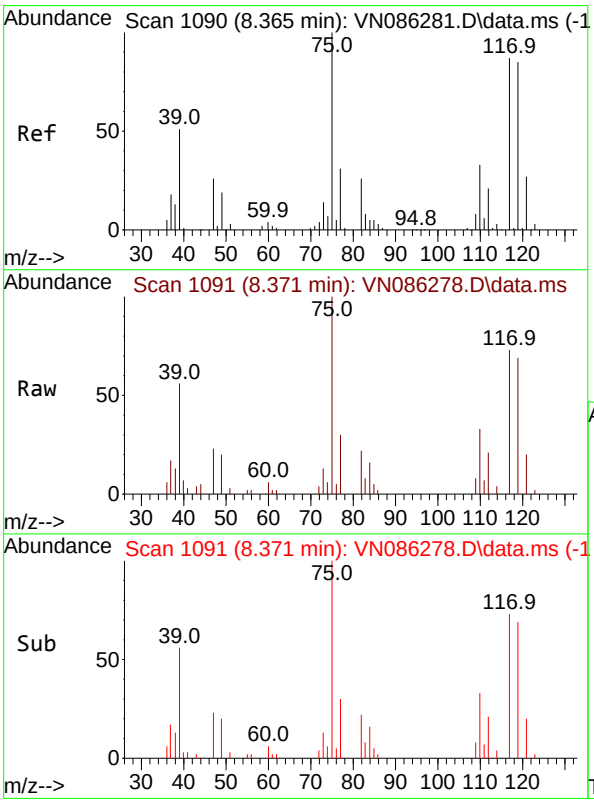
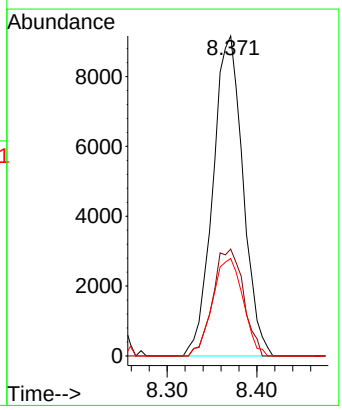
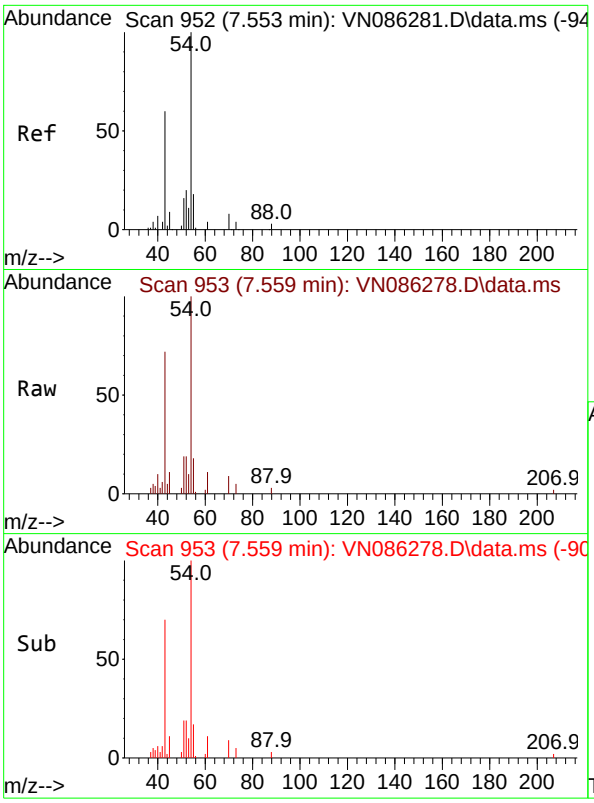


#36
1,1-Dichloropropene
Concen: 5.270 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 75 Resp: 21310

Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.8	50.4
77	31.0	24.9	37.3





#37
Ethyl Acetate
Concen: 5.216 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 2220

Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.1	16.7
70	11.0	9.2	13.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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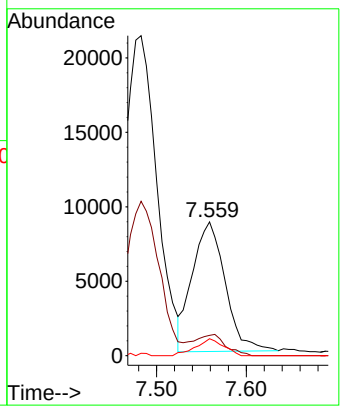
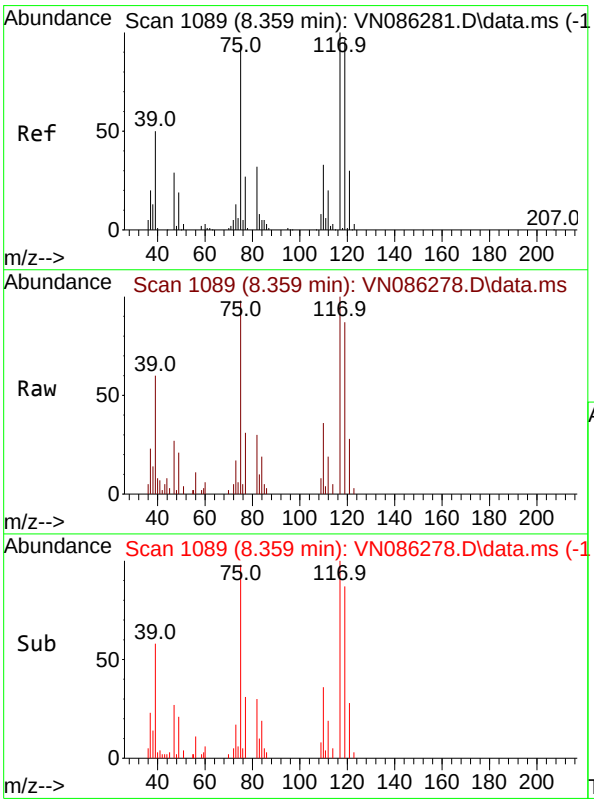
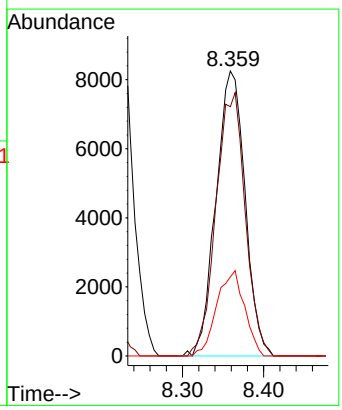


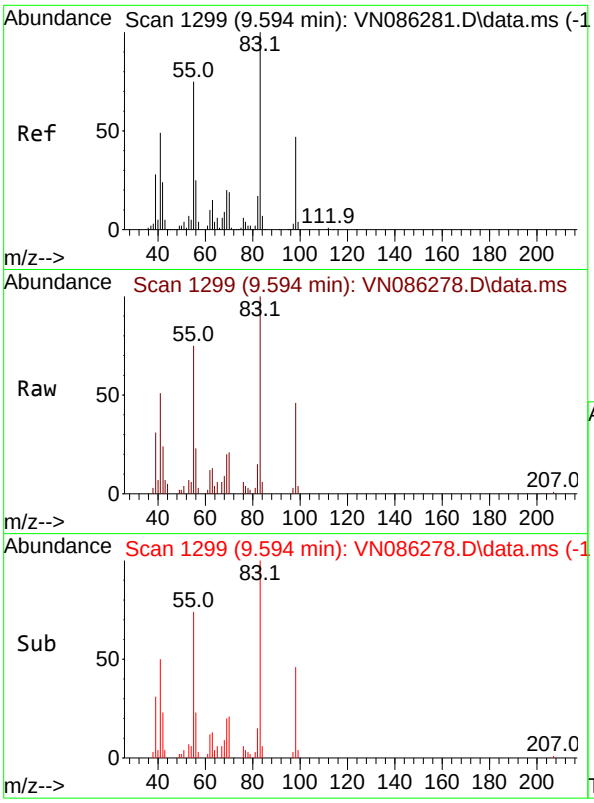


#38
Carbon Tetrachloride
Concen: 5.335 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:117 Resp: 20544

Ion	Ratio	Lower	Upper
117	100		
119	87.5	76.8	115.2
121	27.7	23.8	35.8





#39
Methylcyclohexane
Concen: 5.251 ug/l
RT: 9.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 83 Resp: 2524

Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.8	89.8
98	46.3	37.9	56.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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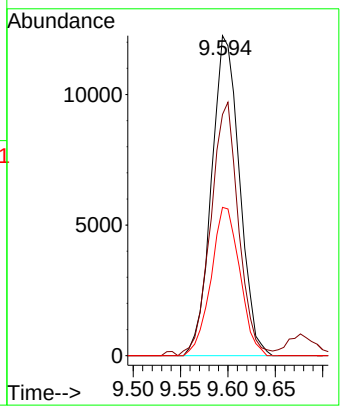
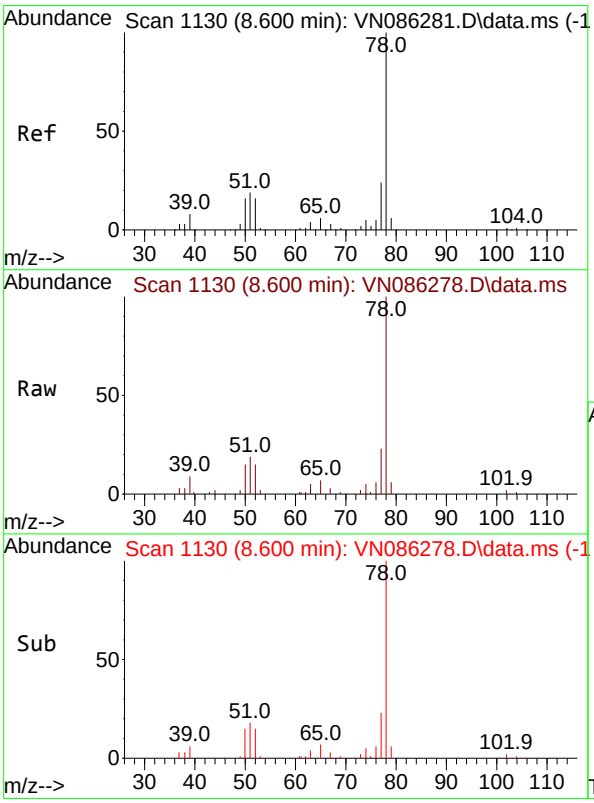
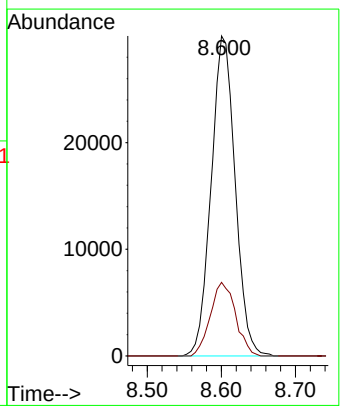


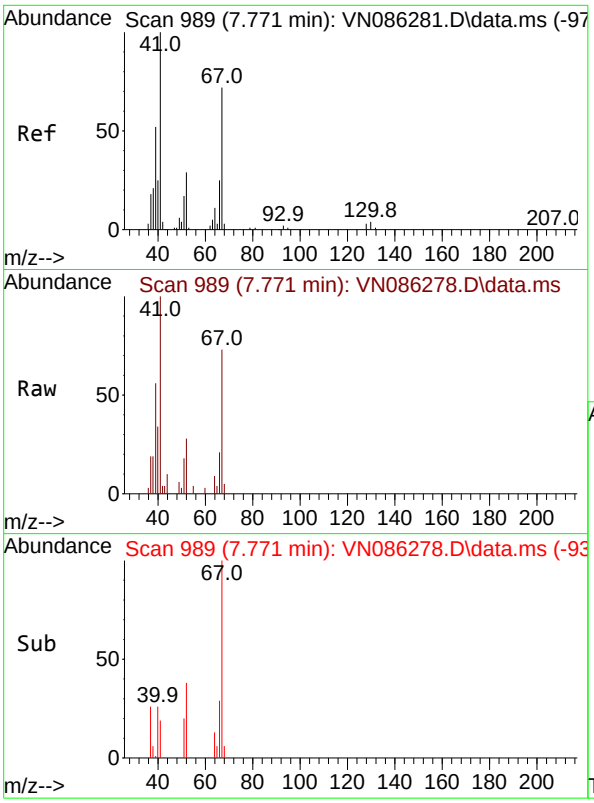


#40
Benzene
Concen: 5.202 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 78 Resp: 67406

Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.2

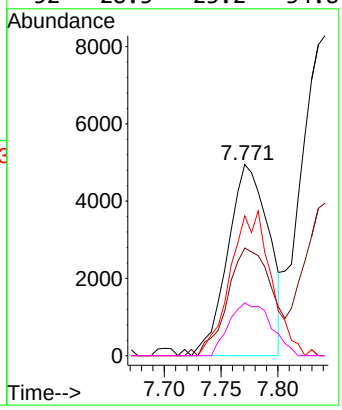




#41
Methacrylonitrile
Concen: 5.047 ug/l
RT: 7.771 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 41 Resp: 1245

Ion	Ratio	Lower	Upper
41	100		
39	61.1	43.0	64.4
67	75.0	58.8	88.2
52	28.3	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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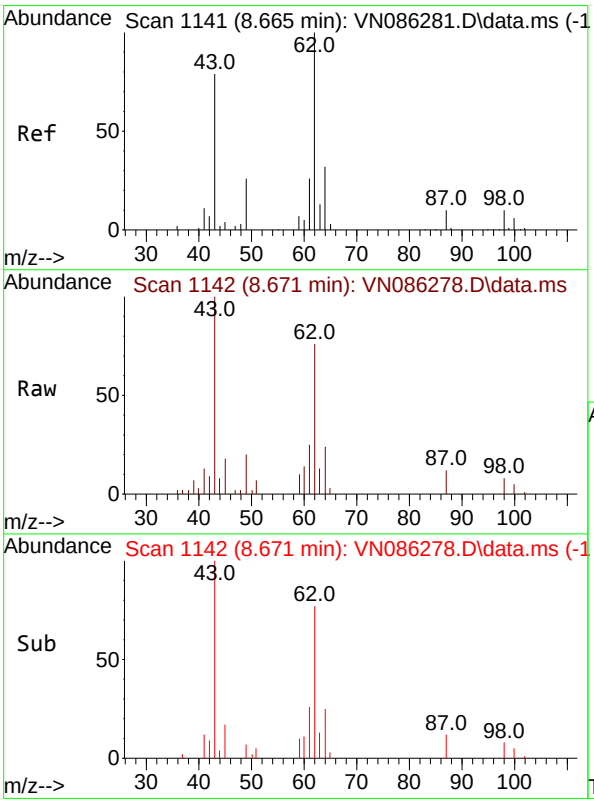
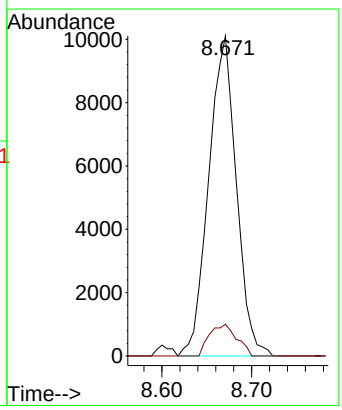
Supervised By :Semsettin Yesilyurt 04/16/2025

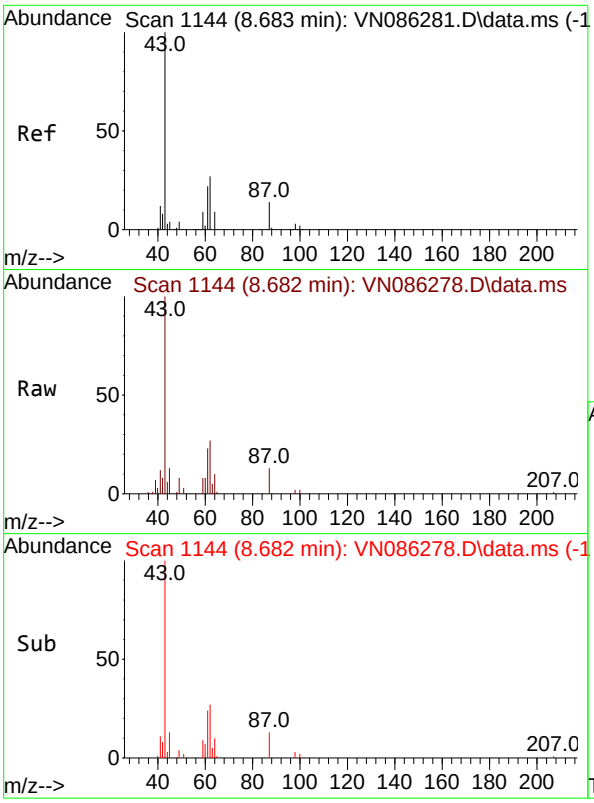


#42
1,2-Dichloroethane
Concen: 5.237 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 62 Resp: 21638

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43
Isopropyl Acetate
Concen: 5.444 ug/l
RT: 8.682 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 5510

Ion	Ratio	Lower	Upper
43	100		
61	20.2	20.5	30.7#
87	10.1	10.5	15.7#

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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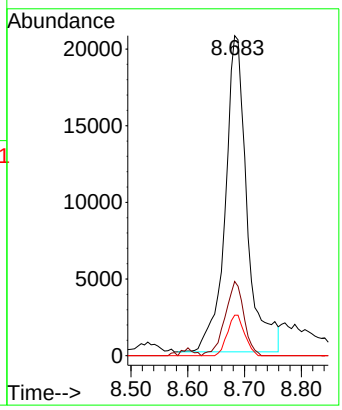
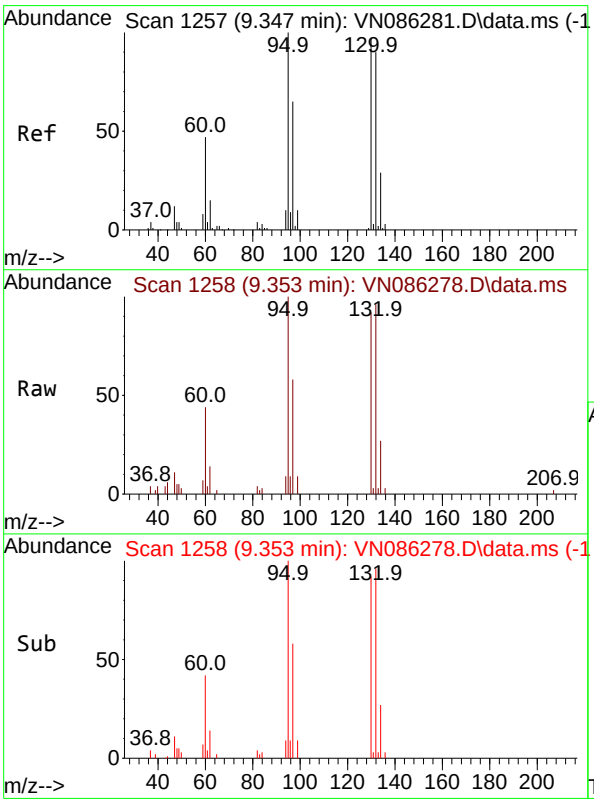
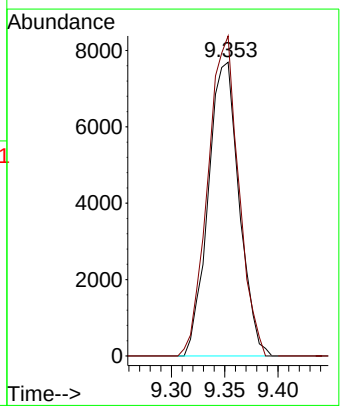


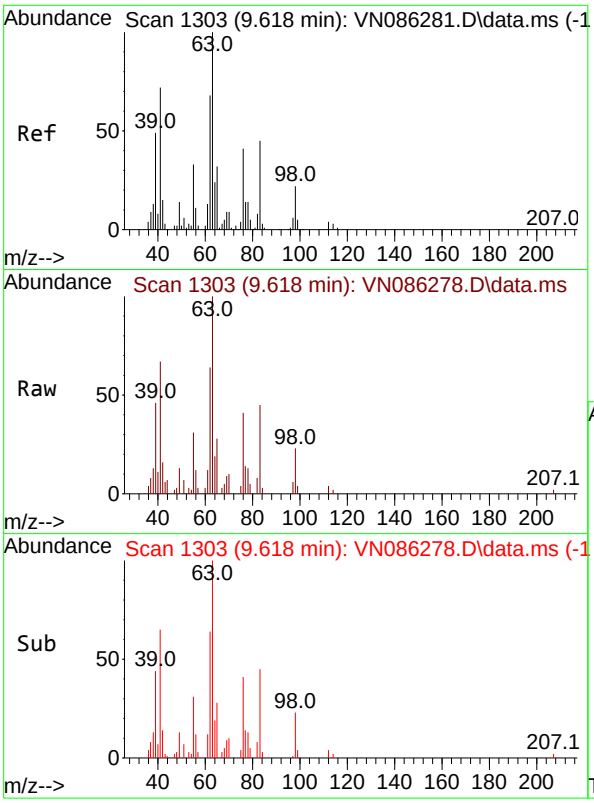


#44
Trichloroethene
Concen: 5.067 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:130 Resp: 15562

Ion	Ratio	Lower	Upper
130	100		
95	108.9	0.0	207.2

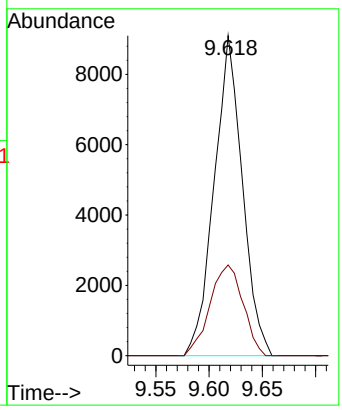




#45
1,2-Dichloropropane
Concen: 5.272 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 63 Resp: 1671

Ion	Ratio	Lower	Upper
63	100		
65	28.4	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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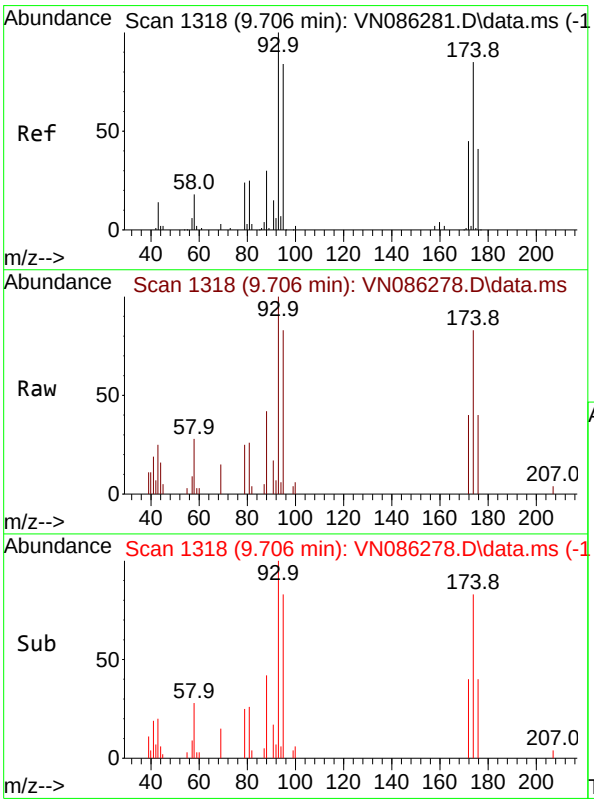
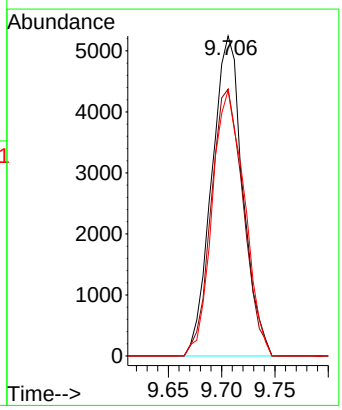
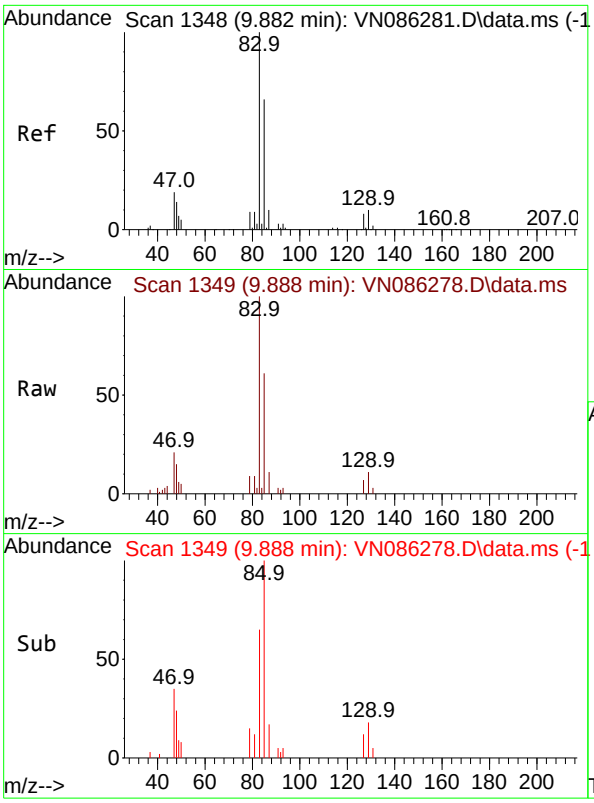


#46
Dibromomethane
Concen: 5.262 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 93 Resp: 10633

Ion	Ratio	Lower	Upper
93	100		
95	86.1	66.2	99.4
174	86.0	67.8	101.6

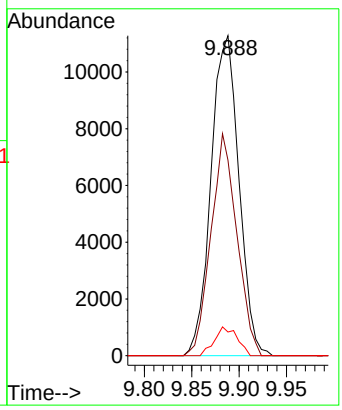




#47
Bromodichloromethane
Concen: 5.297 ug/l
RT: 9.888 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 83 Resp: 2311

Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.6	78.8
127	7.4	6.1	9.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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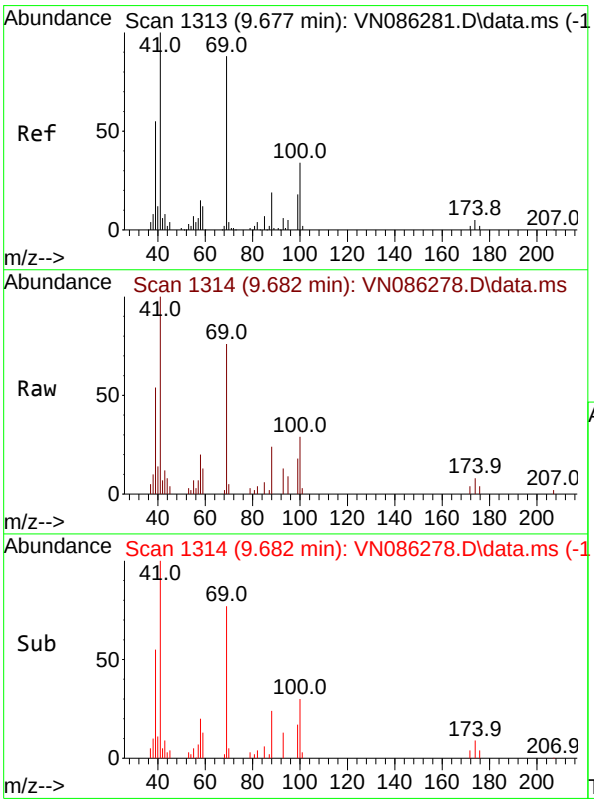
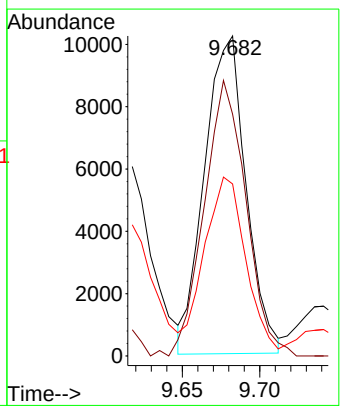
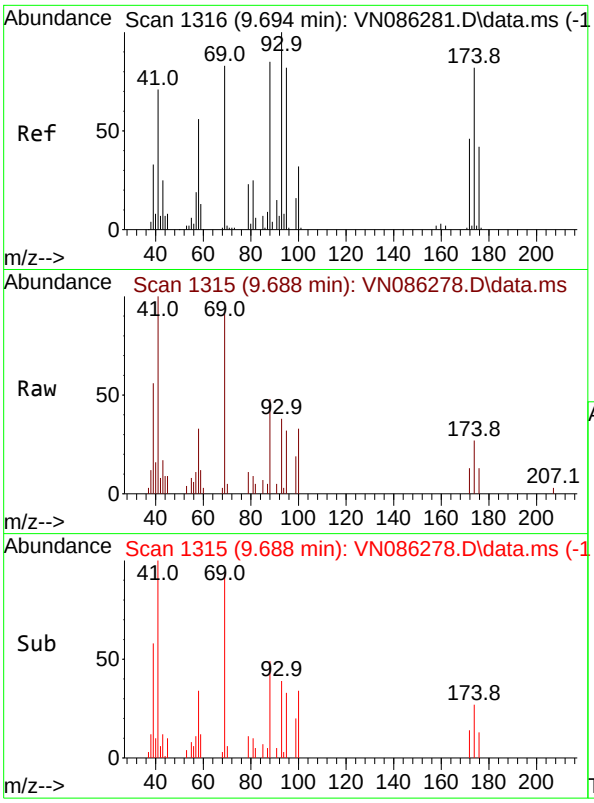


#48
Methyl methacrylate
Concen: 5.087 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 41 Resp: 19018

Ion	Ratio	Lower	Upper
41	100		
69	87.2	68.2	102.2
39	57.1	45.2	67.8

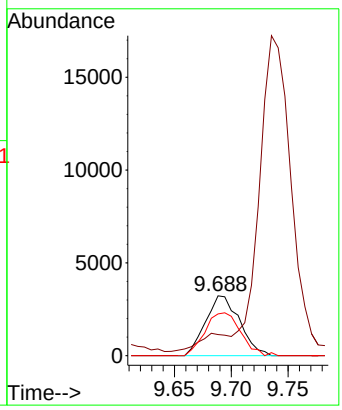




#49
1,4-Dioxane
Concen: 105.699 ug/l
RT: 9.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 88 Resp: 672

Ion	Ratio	Lower	Upper
88	100		
43	28.2	23.8	35.8
58	74.9	57.4	86.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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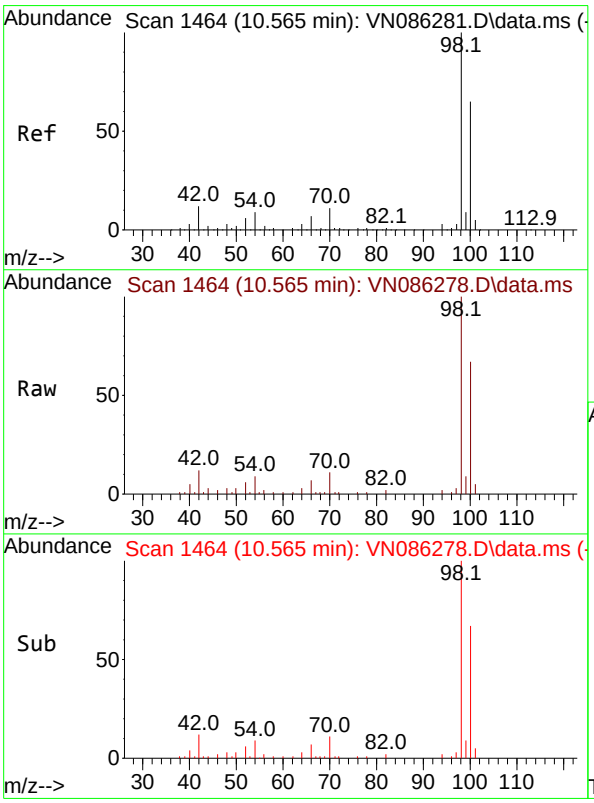
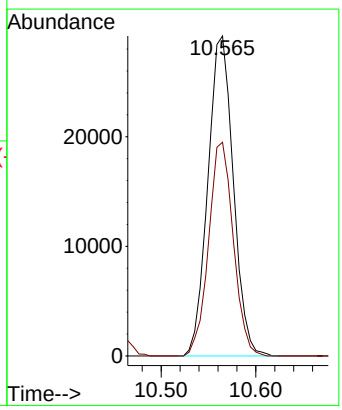
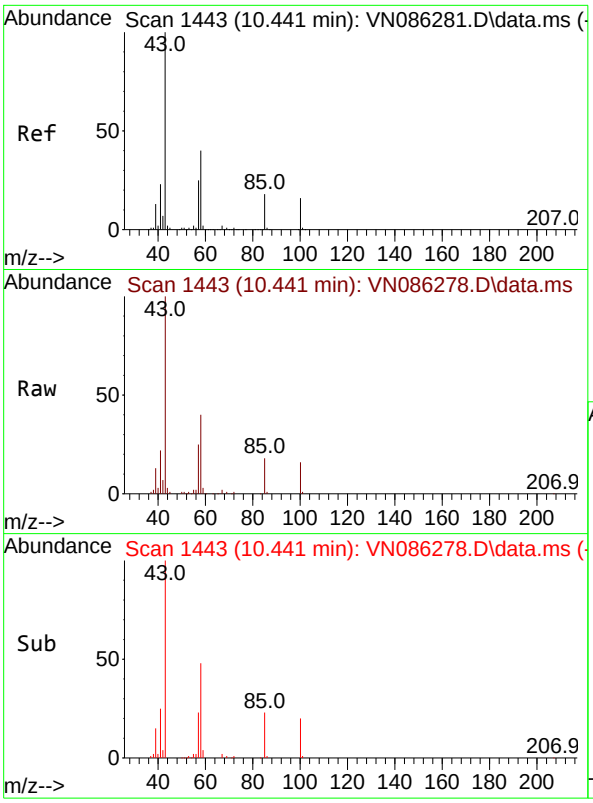


#50
Toluene-d8
Concen: 5.028 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 98 Resp: 54403

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.5	78.7

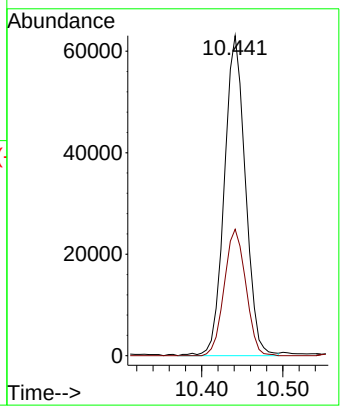




#51
4-Methyl-2-Pentanone
Concen: 26.097 ug/l
RT: 10.441 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 11377

Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.2	48.4



Instrument :
MSVOA_N
ClientSampleId :
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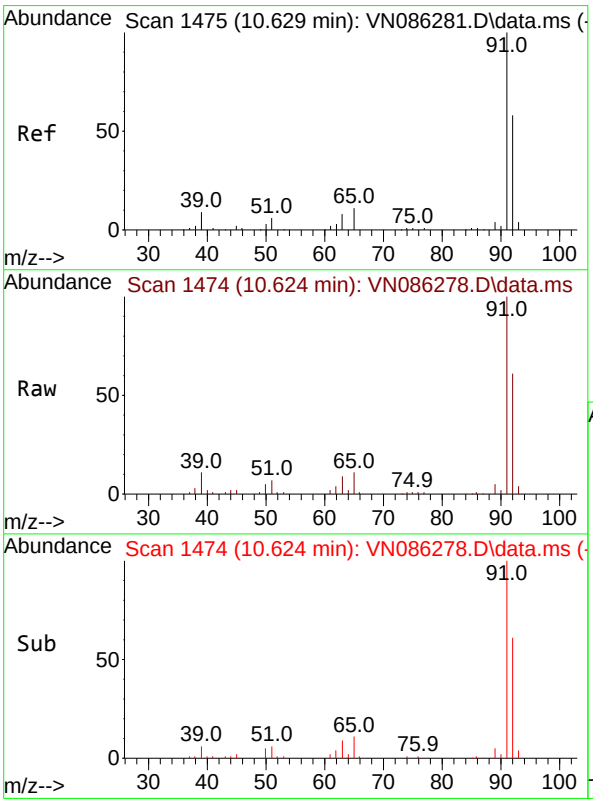
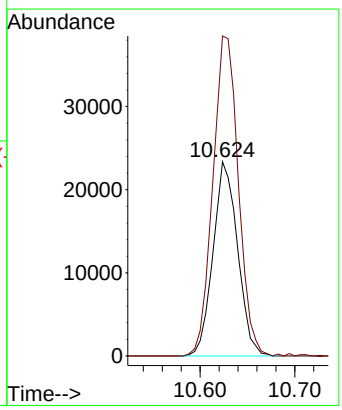
Supervised By :Semsettin Yesilyurt 04/16/2025

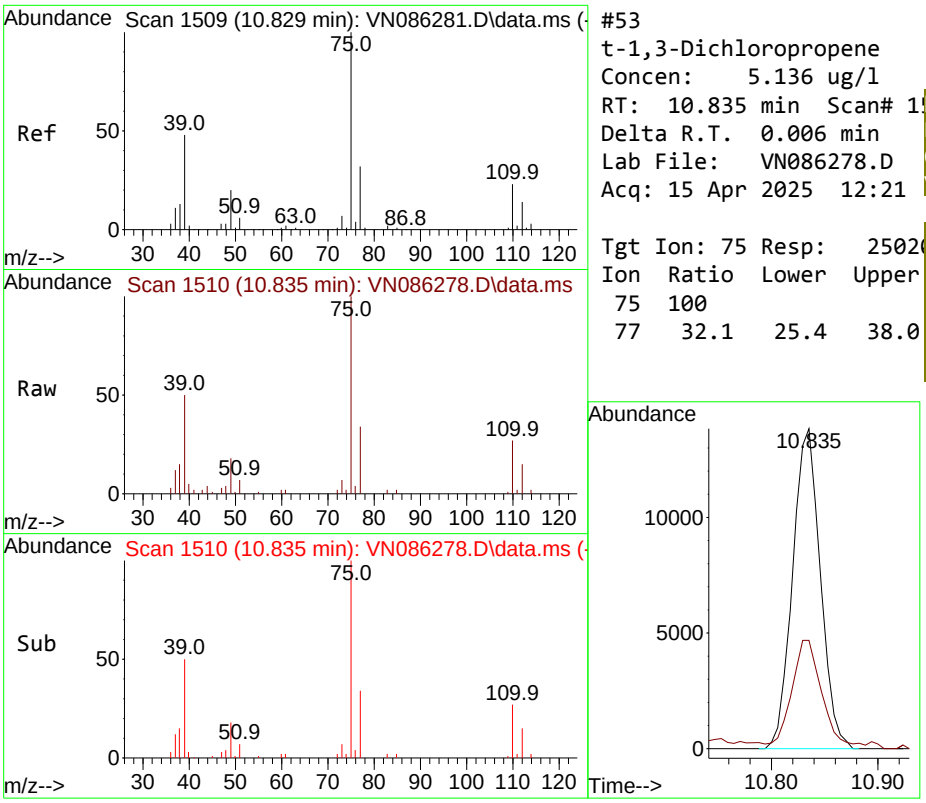


#52
Toluene
Concen: 5.199 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 92 Resp: 42032

Ion	Ratio	Lower	Upper
92	100		
91	171.2	137.3	205.9





#53
t-1,3-Dichloropropene
Concen: 5.136 ug/l
RT: 10.835 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 75 Resp: 2502

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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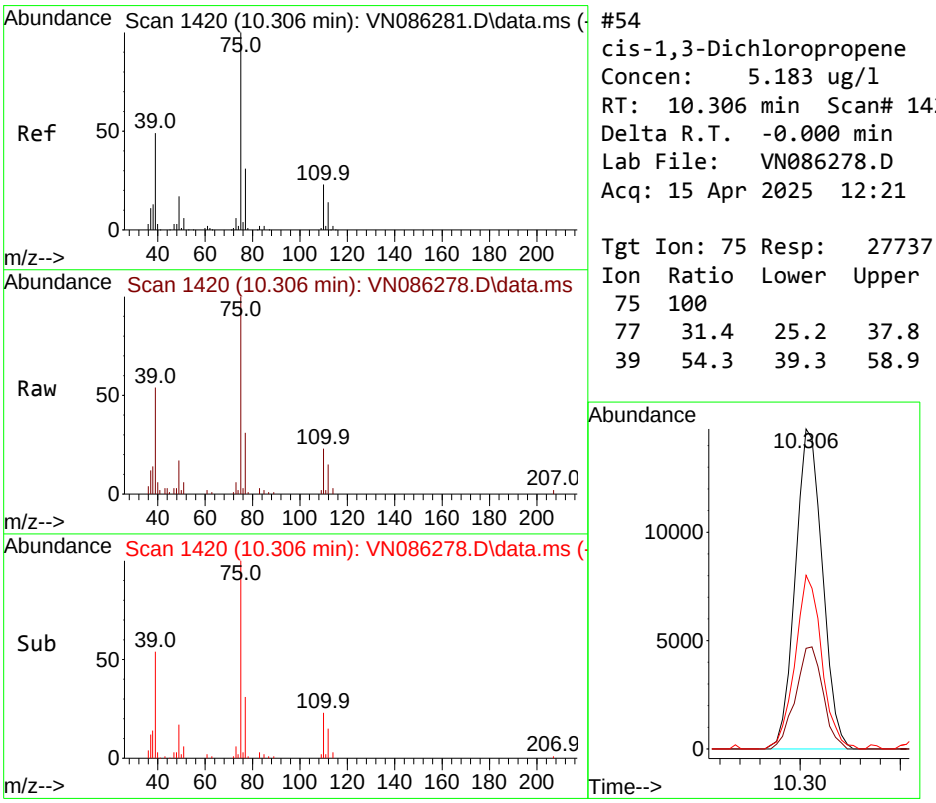
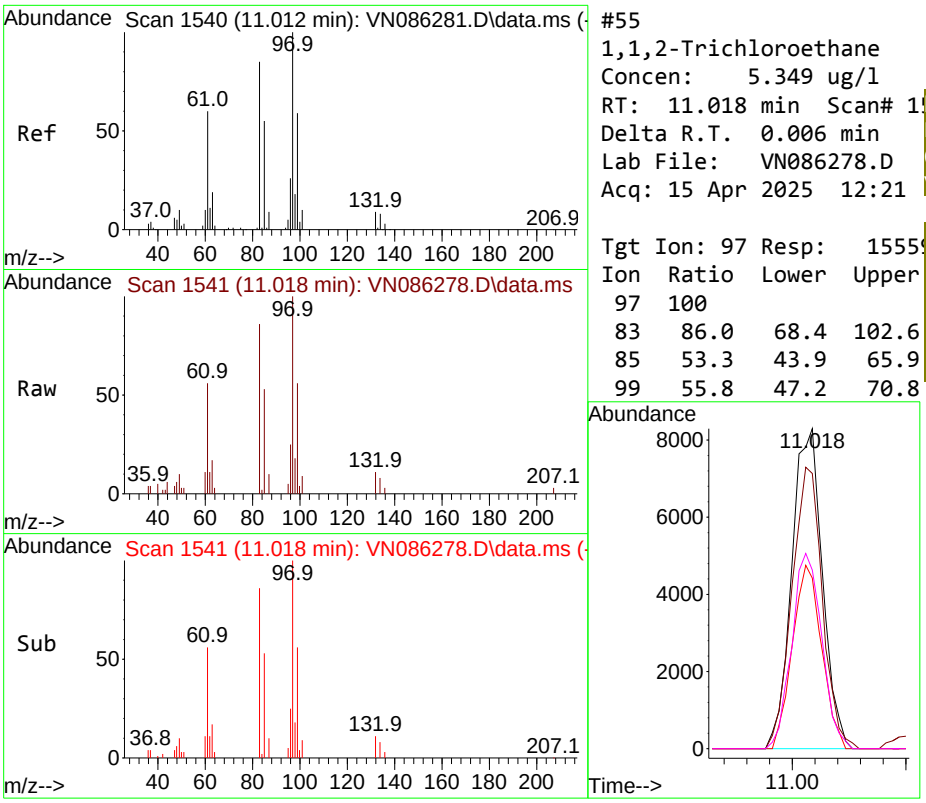


#54
cis-1,3-Dichloropropene
Concen: 5.183 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 75 Resp: 27737

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8
39	54.3	39.3	58.9



#55
1,1,2-Trichloroethane
Concen: 5.349 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 97 Resp: 1555

Ion	Ratio	Lower	Upper
97	100		
83	86.0	68.4	102.6
85	53.3	43.9	65.9
99	55.8	47.2	70.8

Instrument :
MSVOA_N
ClientSampleId :
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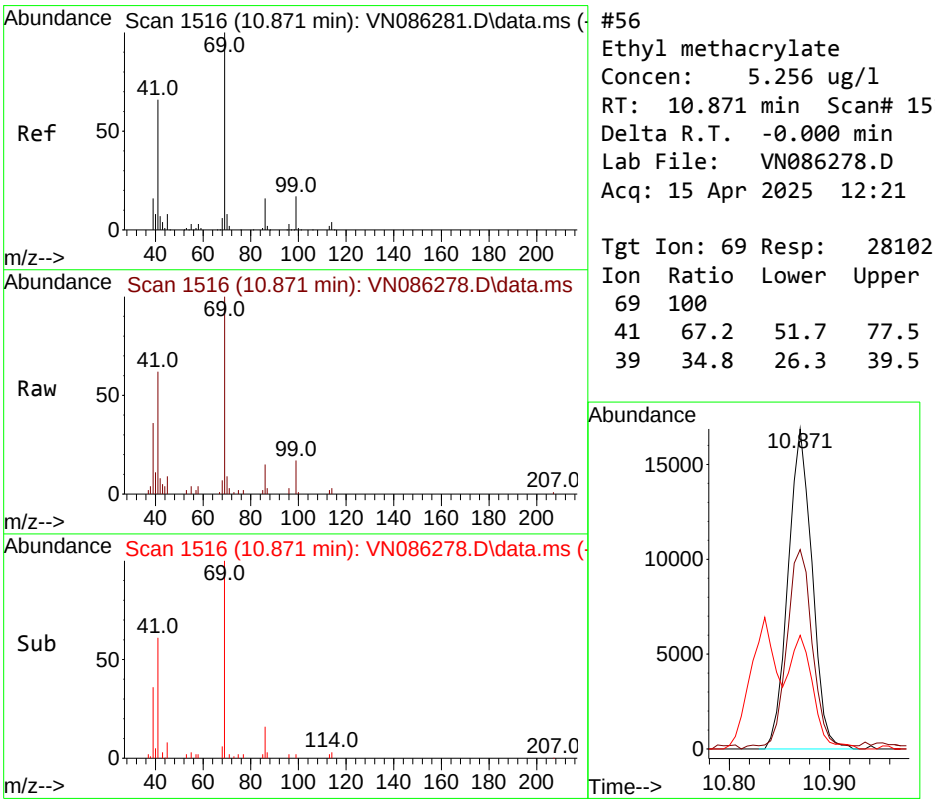
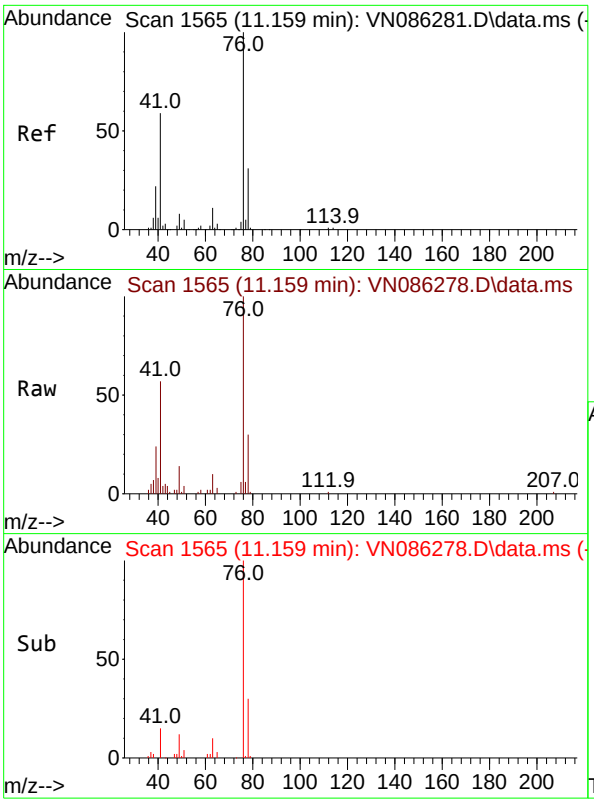


#56
Ethyl methacrylate
Concen: 5.256 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 69 Resp: 28102

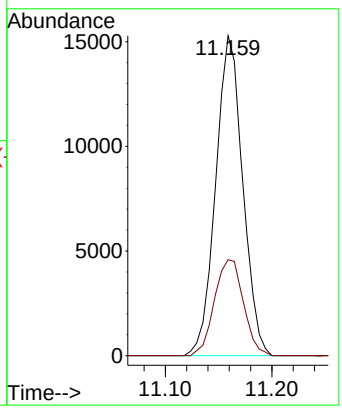
Ion	Ratio	Lower	Upper
69	100		
41	67.2	51.7	77.5
39	34.8	26.3	39.5



#57
1,3-Dichloropropane
Concen: 5.213 ug/l
RT: 11.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 76 Resp: 2690

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
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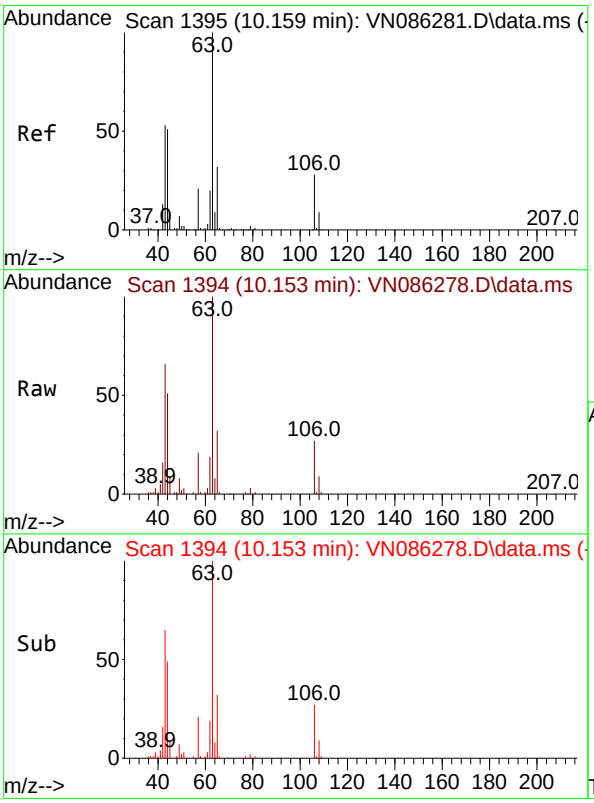
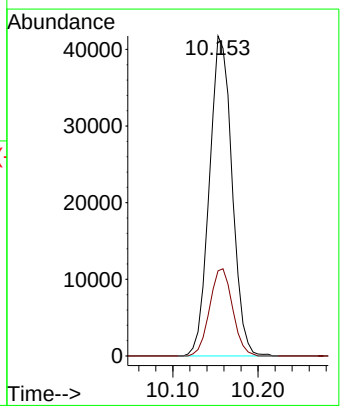
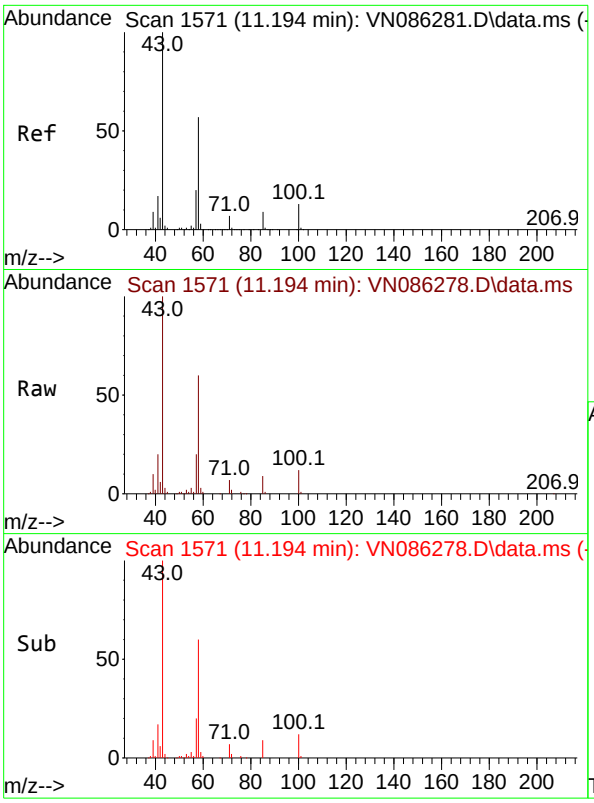


#58
2-Chloroethyl Vinyl ether
Concen: 30.387 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 63 Resp: 77113

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.2	33.2





#59
2-Hexanone
Concen: 26.113 ug/l
RT: 11.194 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 8444

Ion	Ratio	Lower	Upper
43	100		
58	56.3	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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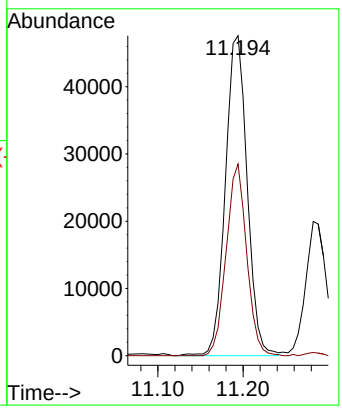
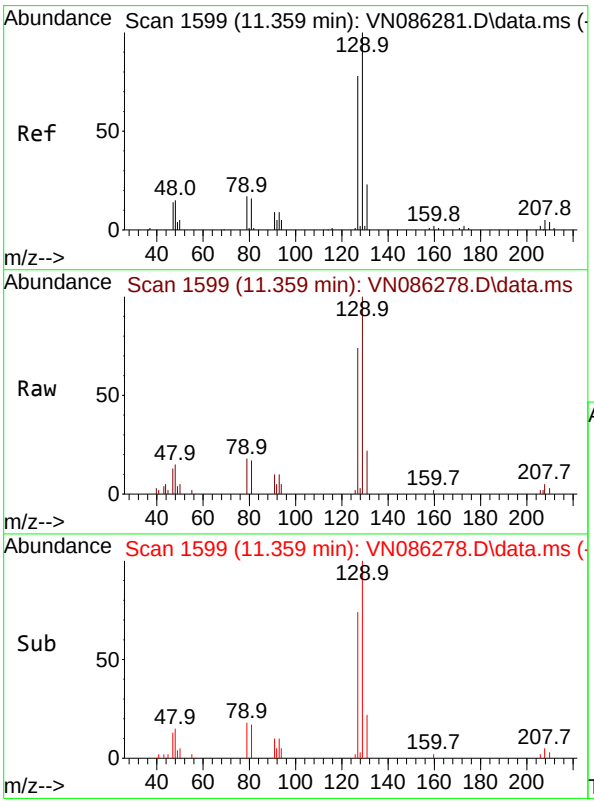
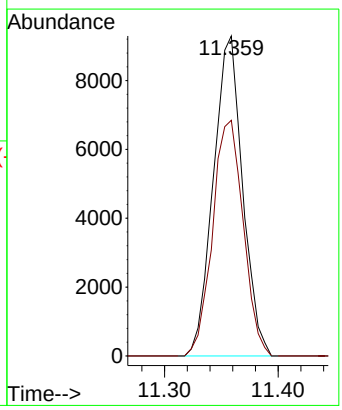


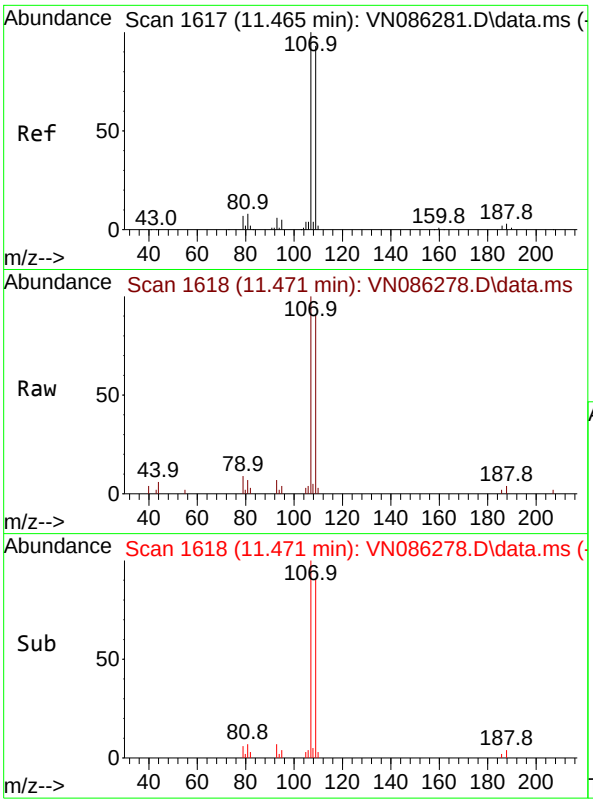


#60
Dibromochloromethane
Concen: 5.201 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:129 Resp: 16611

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.7	116.1

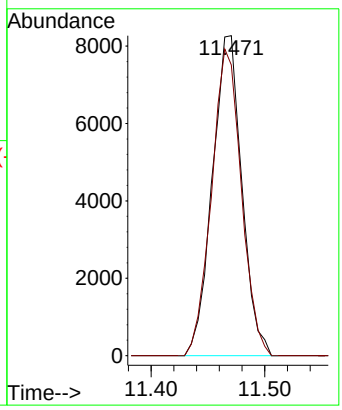




#61
1,2-Dibromoethane
Concen: 5.087 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:107 Resp: 1492

Ion	Ratio	Lower	Upper
107	100		
109	96.8	75.4	113.0



Instrument :
MSVOA_N
ClientSampleId :
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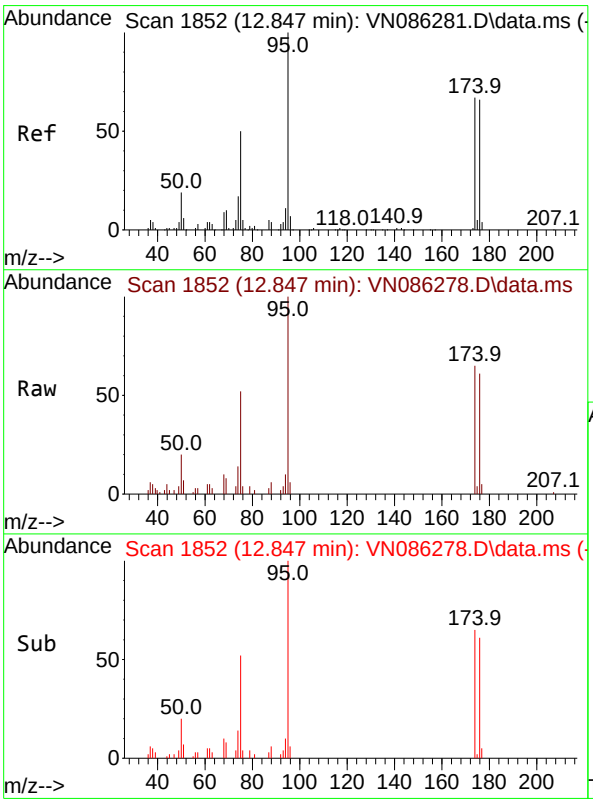
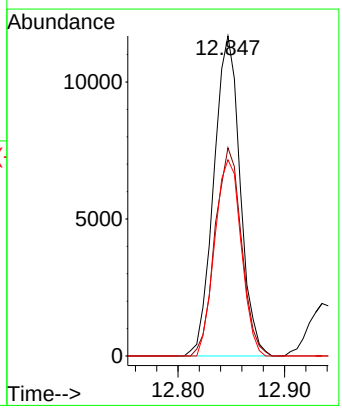
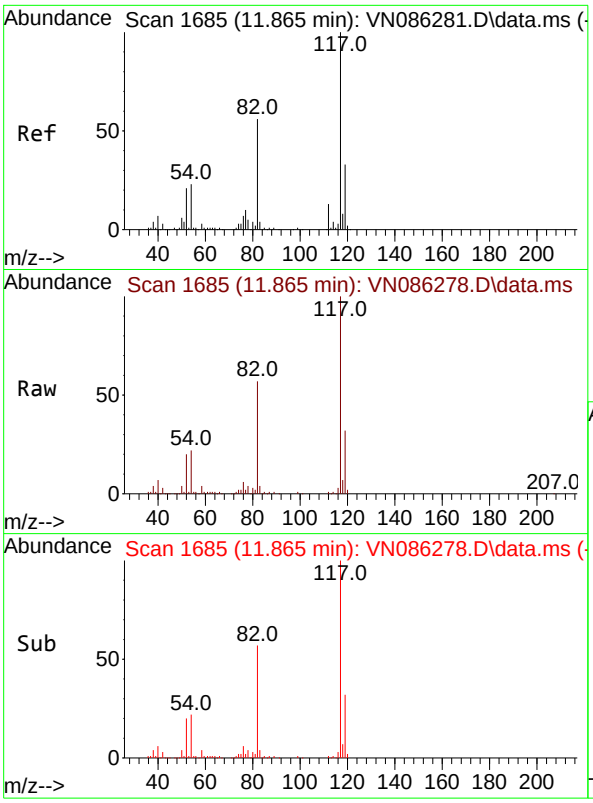


#62
4-Bromofluorobenzene
Concen: 5.076 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 95 Resp: 20034

Ion	Ratio	Lower	Upper
95	100		
174	65.4	0.0	133.4
176	61.7	0.0	129.2

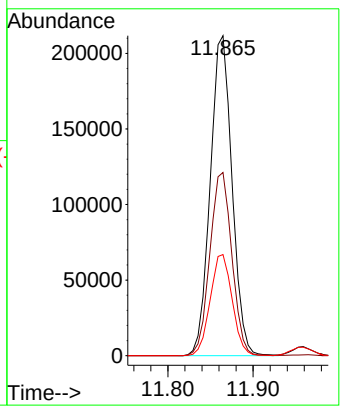




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:117 Resp: 37585

Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.7	67.1
119	31.6	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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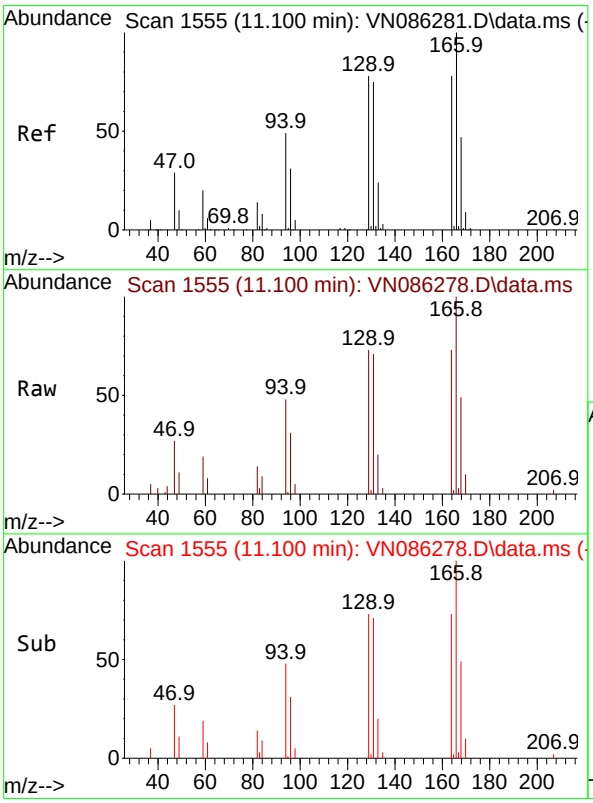
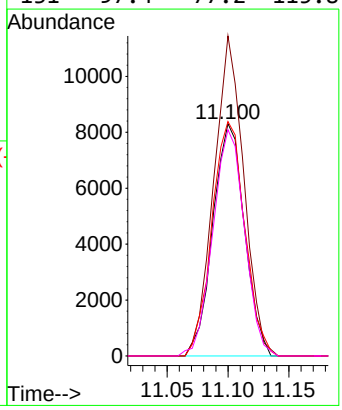
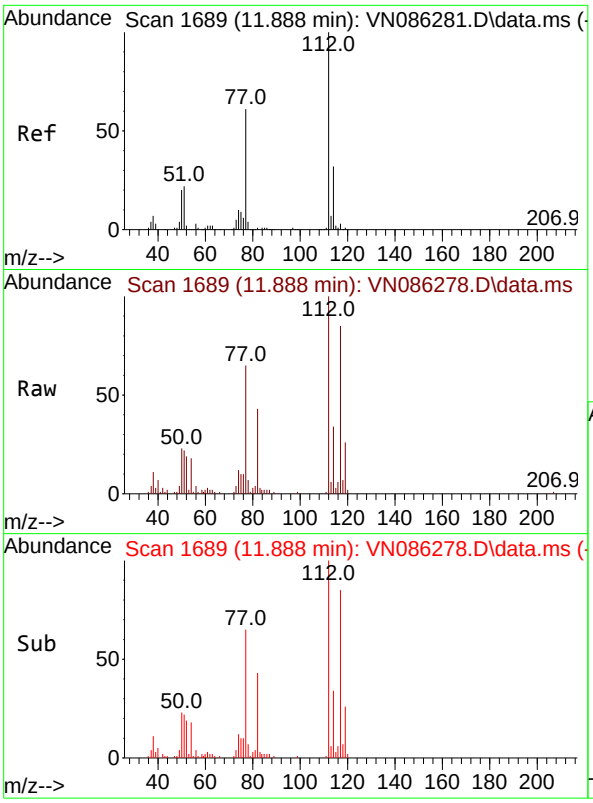


#64
Tetrachloroethene
Concen: 5.188 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:164 Resp: 14998

Ion	Ratio	Lower	Upper
164	100		
166	137.7	103.0	154.4
129	100.9	80.1	120.1
131	97.4	77.2	115.8

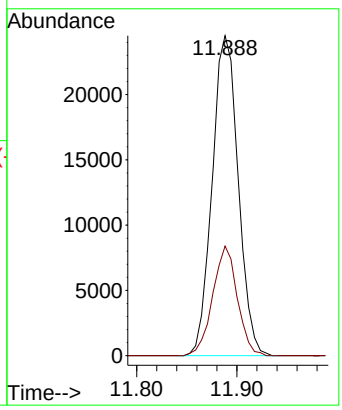




#65
Chlorobenzene
Concen: 5.265 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:112 Resp: 4416

Ion	Ratio	Lower	Upper
112	100		
114	34.2	25.4	38.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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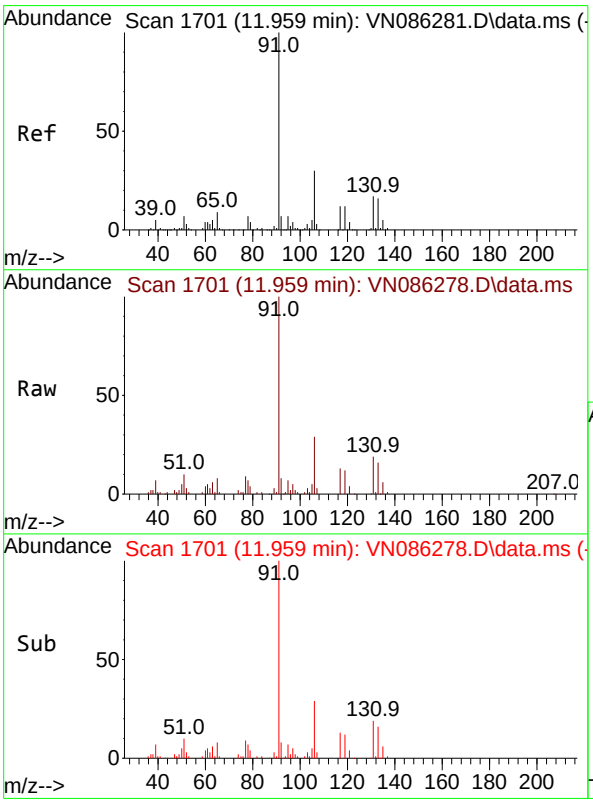
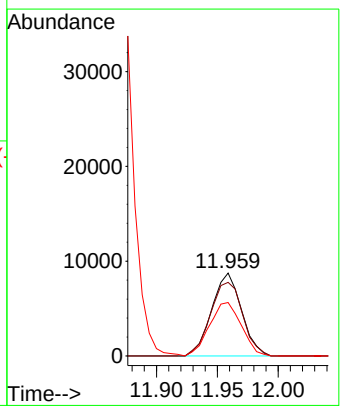
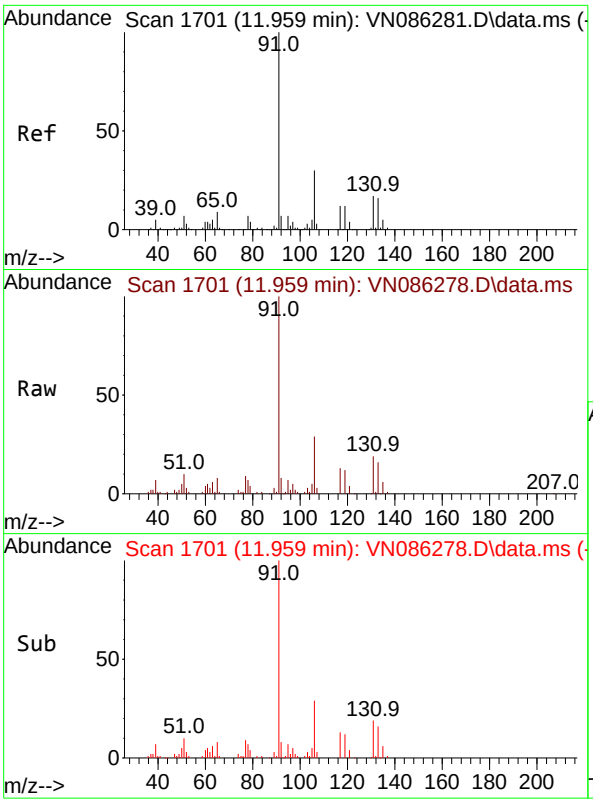


#66
1,1,1,2-Tetrachloroethane
Concen: 5.383 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:131 Resp: 14896

Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.1	141.3
119	68.8	33.8	101.4

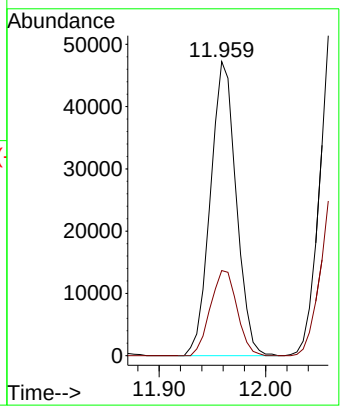




#67
Ethyl Benzene
Concen: 5.244 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 91 Resp: 7937

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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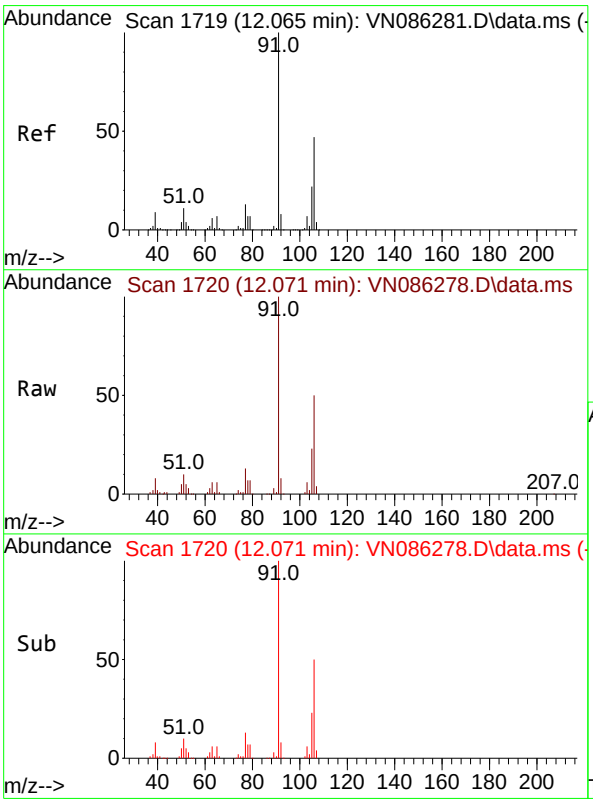
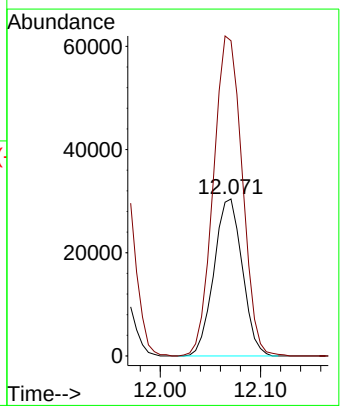
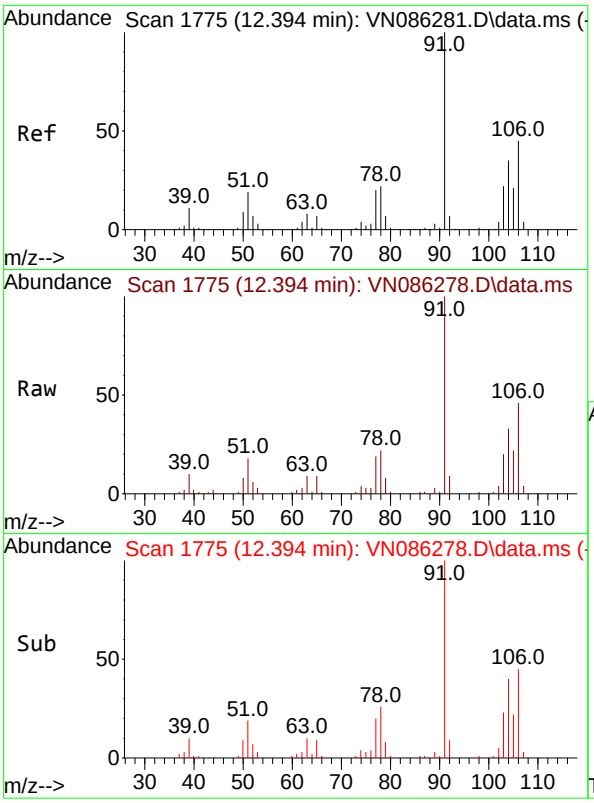


#68
m/p-Xylenes
Concen: 10.537 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:106 Resp: 59758

Ion	Ratio	Lower	Upper
106	100		
91	207.0	166.5	249.7

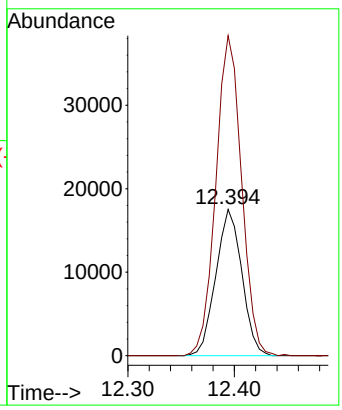




#69
o-Xylene
Concen: 5.305 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:106 Resp: 2975

Ion	Ratio	Lower	Upper
106	100		
91	216.1	109.7	329.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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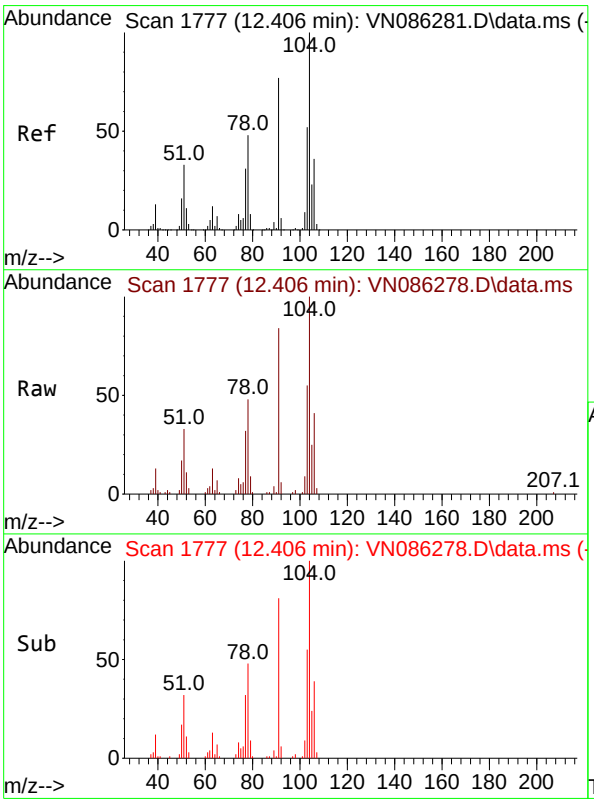
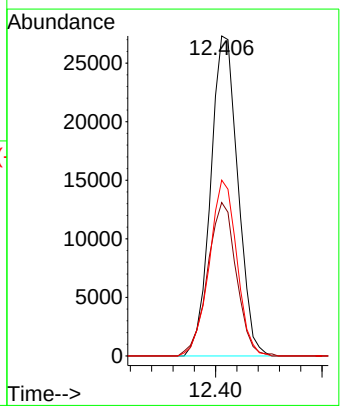
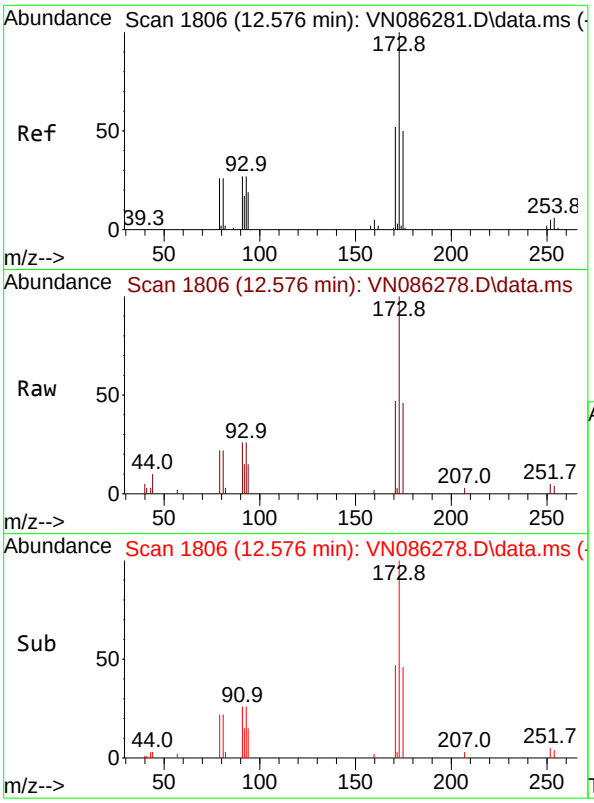


#70
Styrene
Concen: 5.180 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:104 Resp: 48407

Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.6	61.0
103	55.8	43.6	65.4

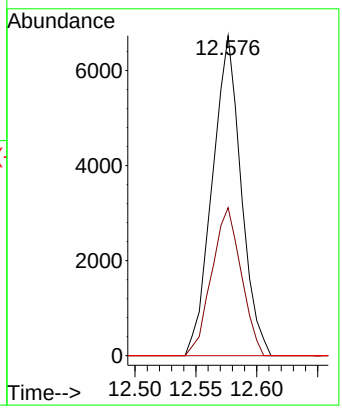




#71
Bromoform
Concen: 5.311 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:173 Resp: 1106

Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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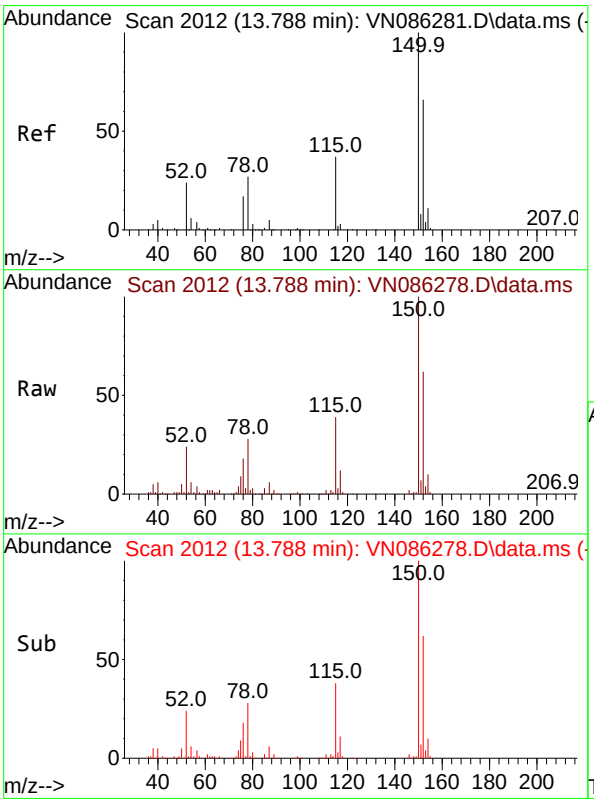
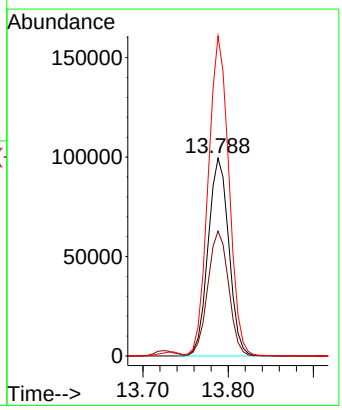
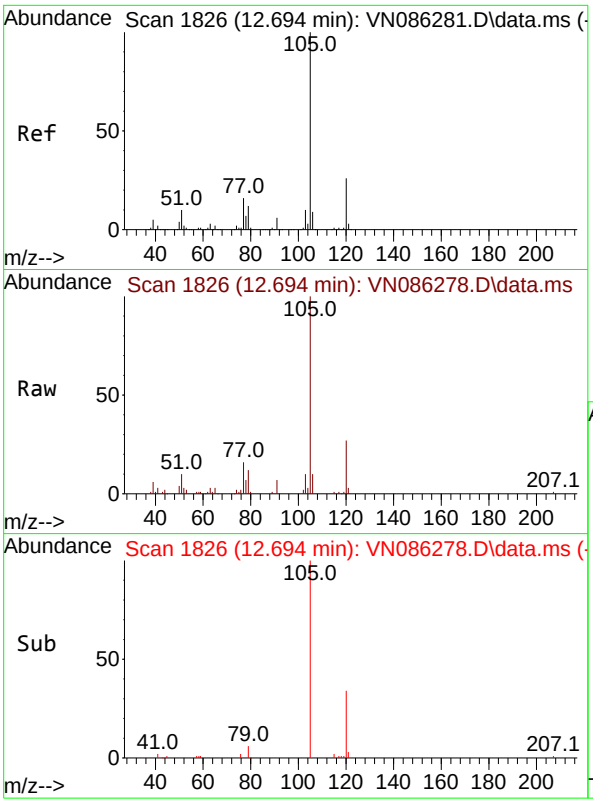


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:152 Resp: 167796

Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.9	95.9
150	161.6	0.0	352.0

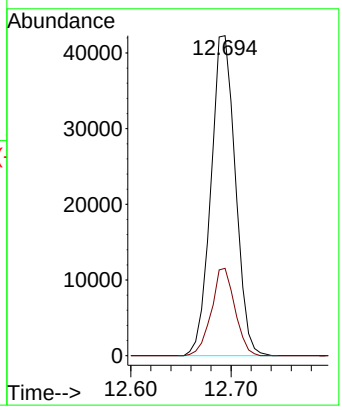




#73
Isopropylbenzene
Concen: 5.221 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:105 Resp: 7165

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3



Instrument :
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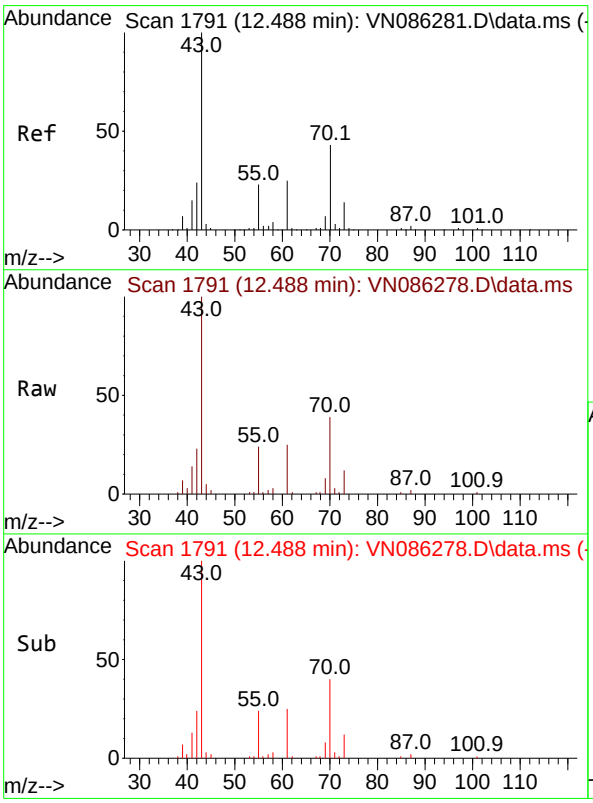
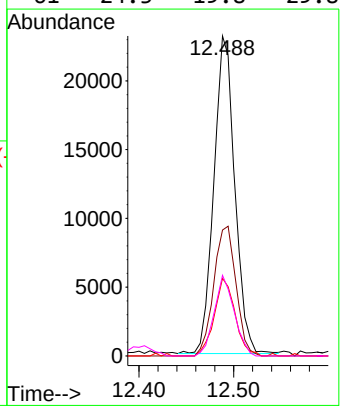
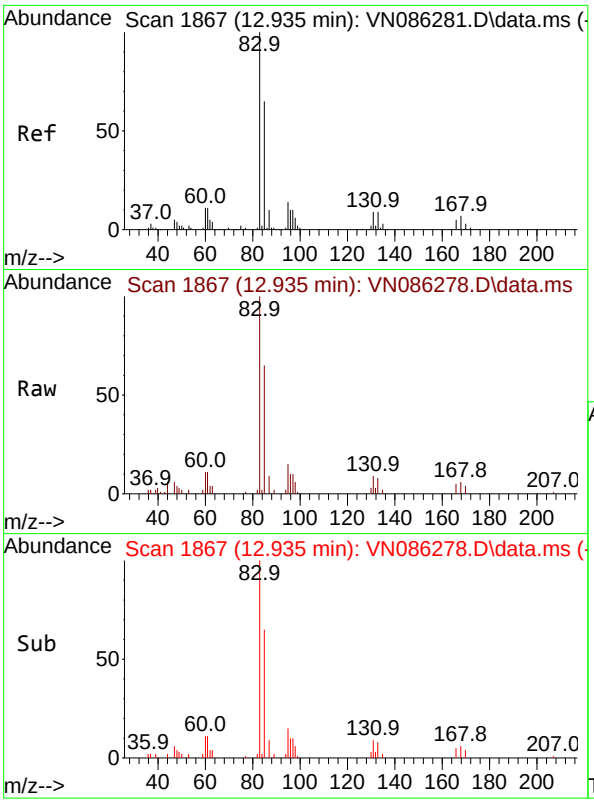


#74
N-amyl acetate
Concen: 5.182 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 43 Resp: 35409

Ion	Ratio	Lower	Upper
43	100		
70	43.4	35.0	52.4
55	24.4	19.0	28.4
61	24.3	19.8	29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 5.503 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 83 Resp: 2172

Ion	Ratio	Lower	Upper
83	100		
131	8.3	4.7	14.1
85	64.4	32.7	98.1

Instrument :
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VSTDICC005

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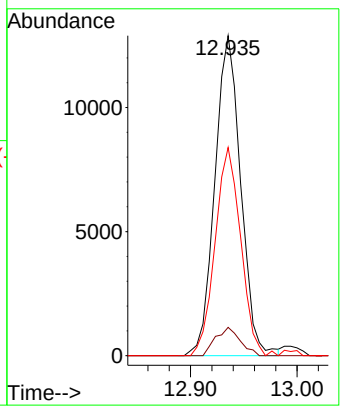
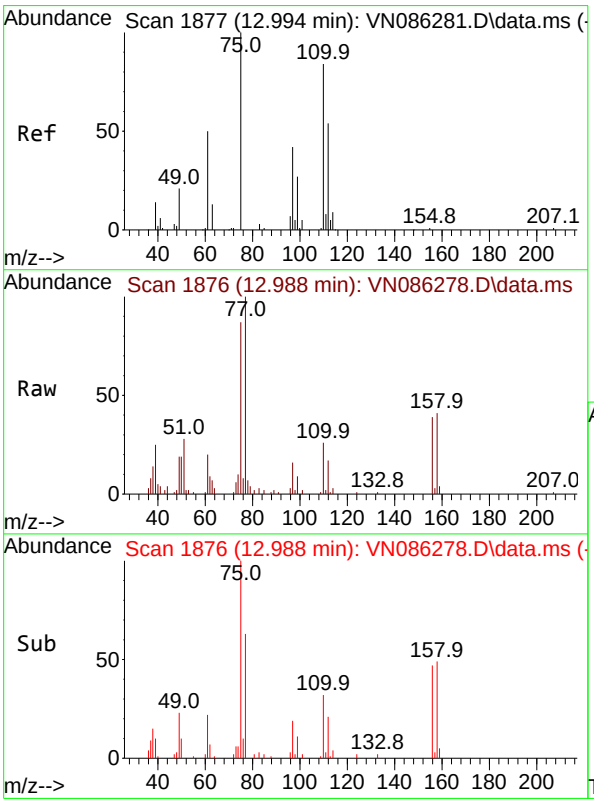
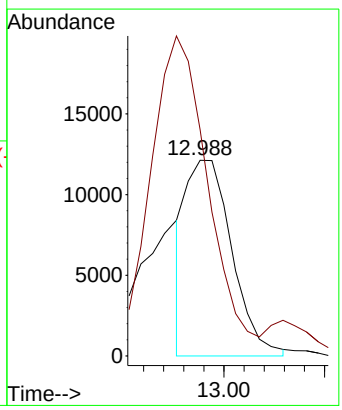


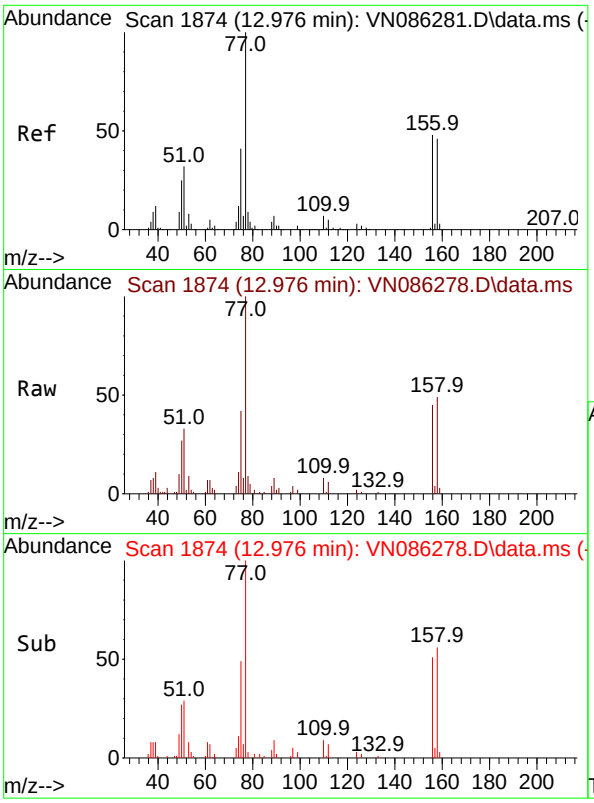


#76
1,2,3-Trichloropropane
Concen: 4.870 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 75 Resp: 19196

Ion	Ratio	Lower	Upper
75	100		
77	208.2	98.8	296.4

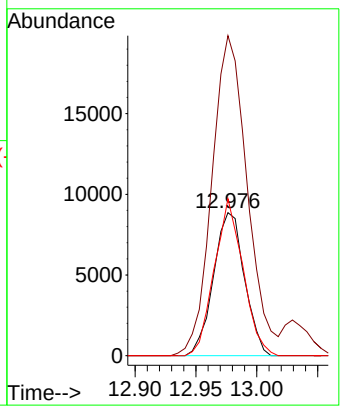




#77
Bromobenzene
Concen: 5.156 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:156 Resp: 1568

Ion	Ratio	Lower	Upper
156	100		
77	254.9	121.1	363.1
158	101.7	47.9	143.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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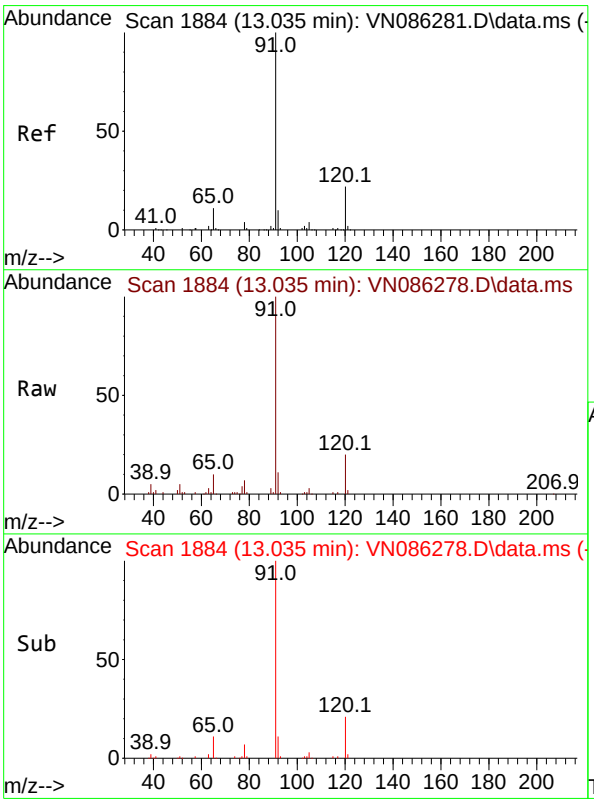
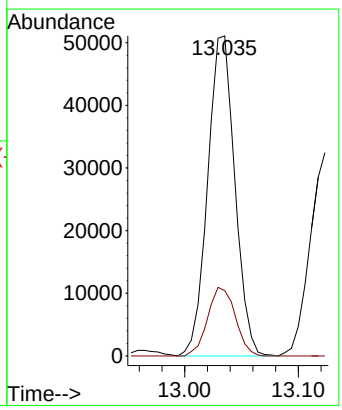
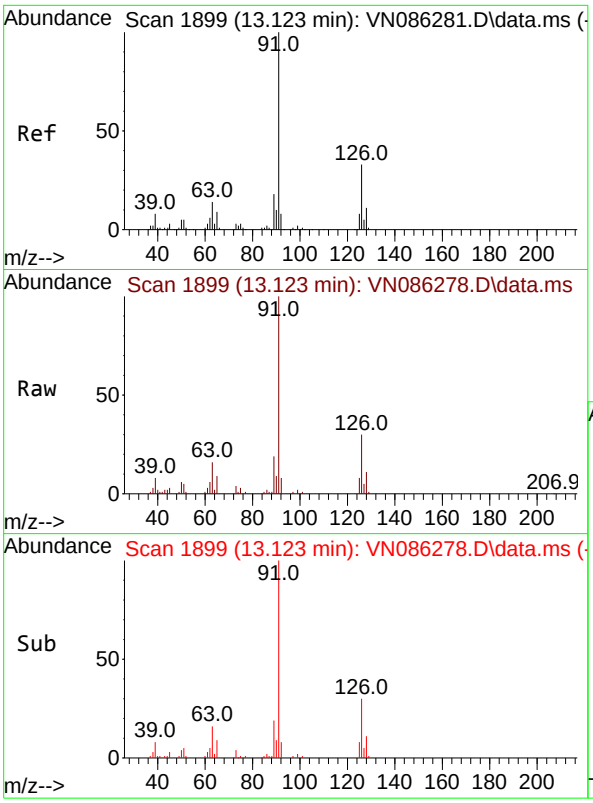


#78
n-propylbenzene
Concen: 5.261 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 91 Resp: 85101

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.3





#79
2-Chlorotoluene
Concen: 5.384 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 91 Resp: 5449

Ion	Ratio	Lower	Upper
91	100		
126	30.8	16.1	48.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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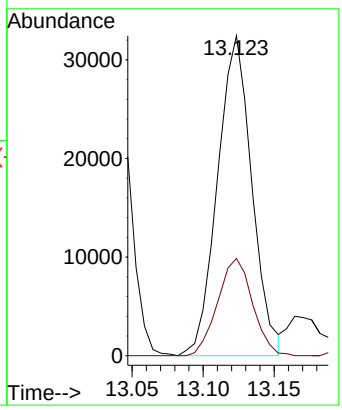
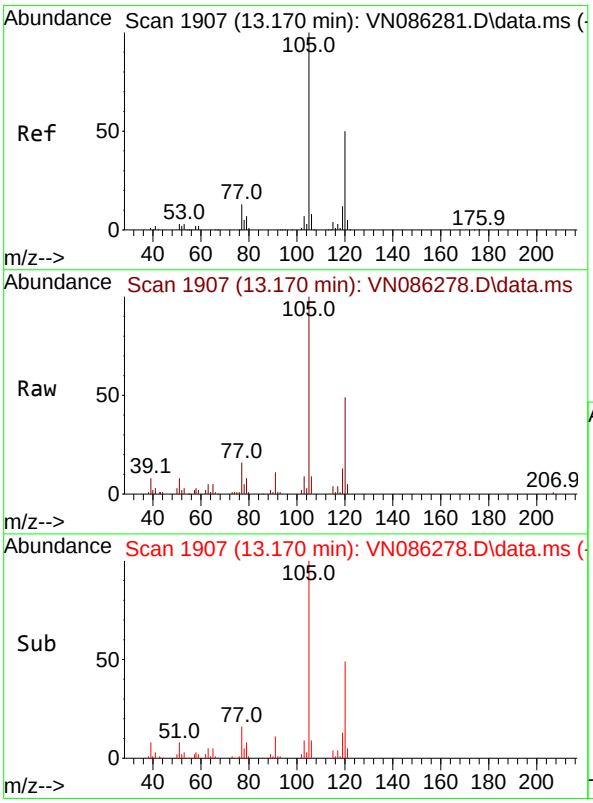
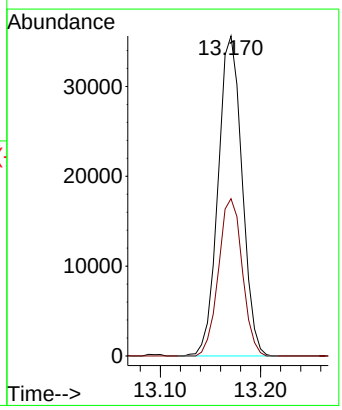


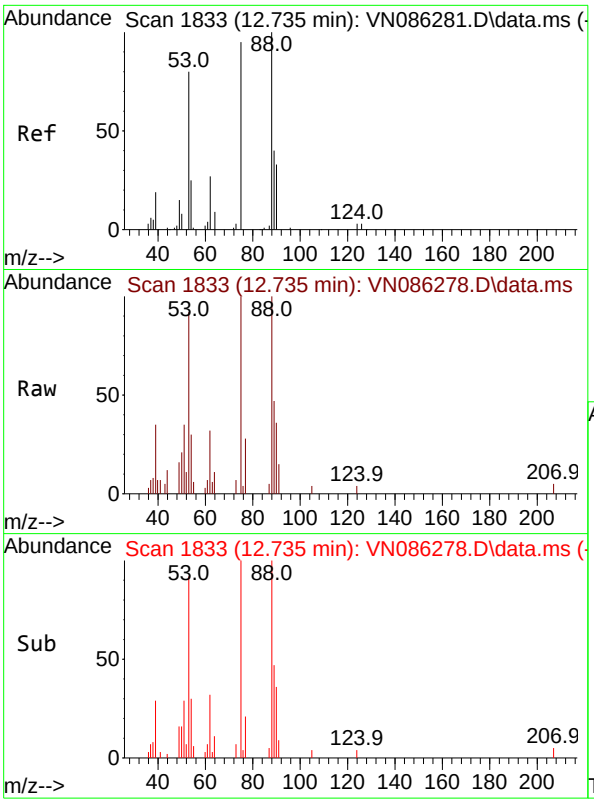


#80
1,3,5-Trimethylbenzene
Concen: 5.255 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:105 Resp: 59035

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 5.357 ug/l m
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 75 Resp: 883

Ion	Ratio	Lower	Upper
75	100		
53	92.8	79.2	118.8
89	44.1	35.7	53.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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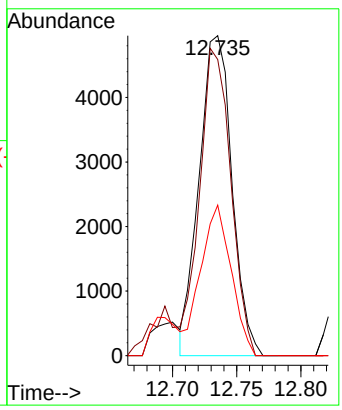
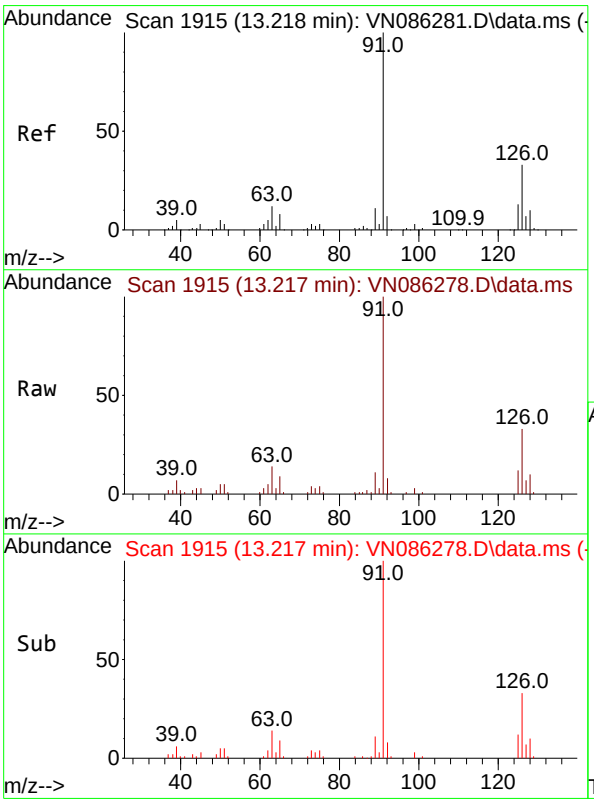
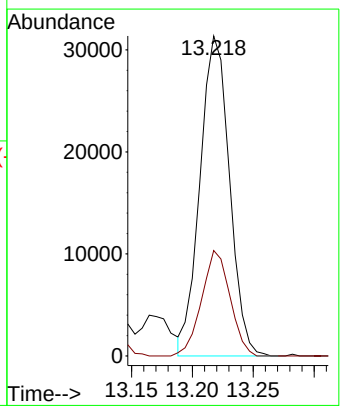


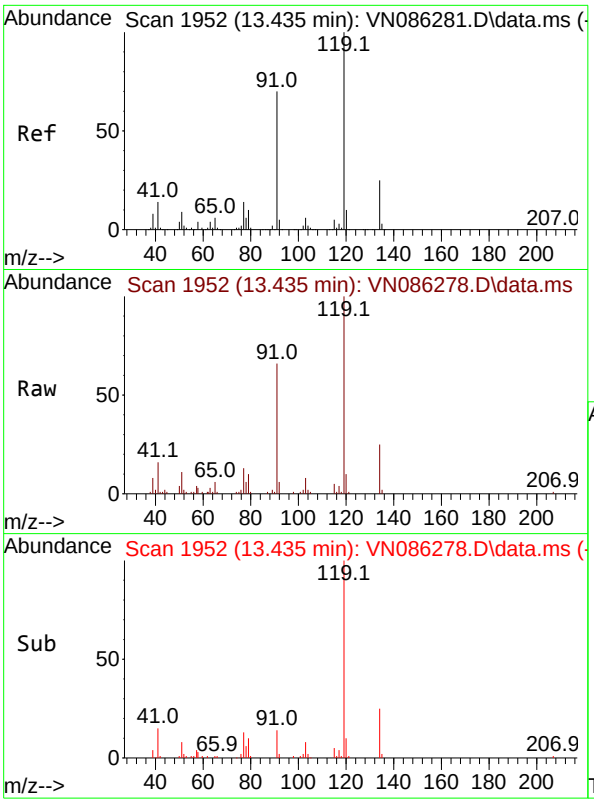


#82
4-Chlorotoluene
Concen: 5.260 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 91 Resp: 52887

Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.6

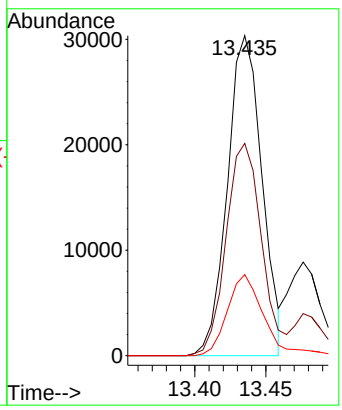




#83
tert-Butylbenzene
Concen: 5.270 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:119 Resp: 5130

Ion	Ratio	Lower	Upper
119	100		
91	68.4	34.4	103.3
134	26.7	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
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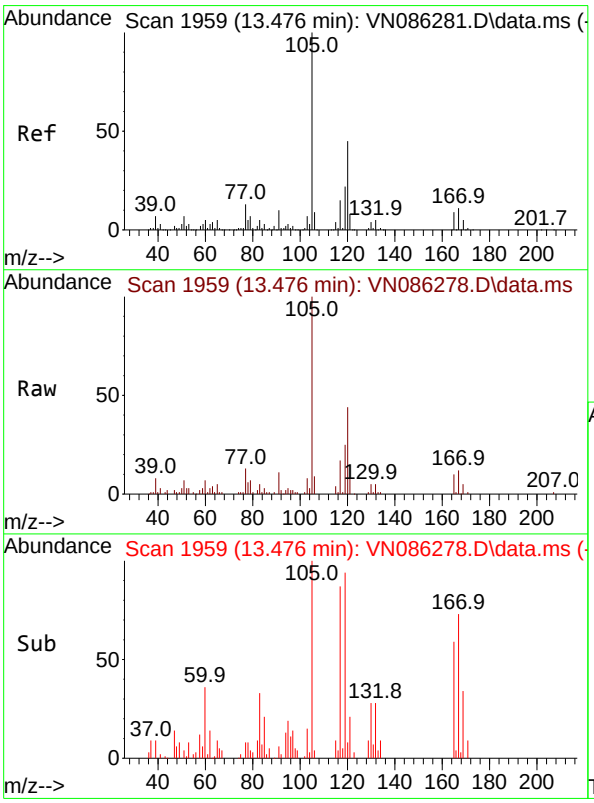
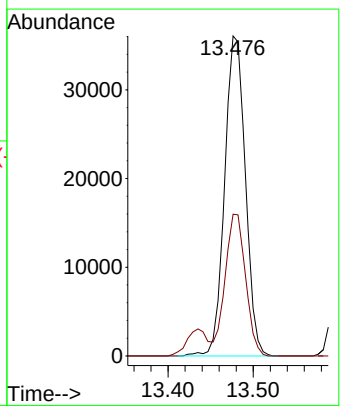
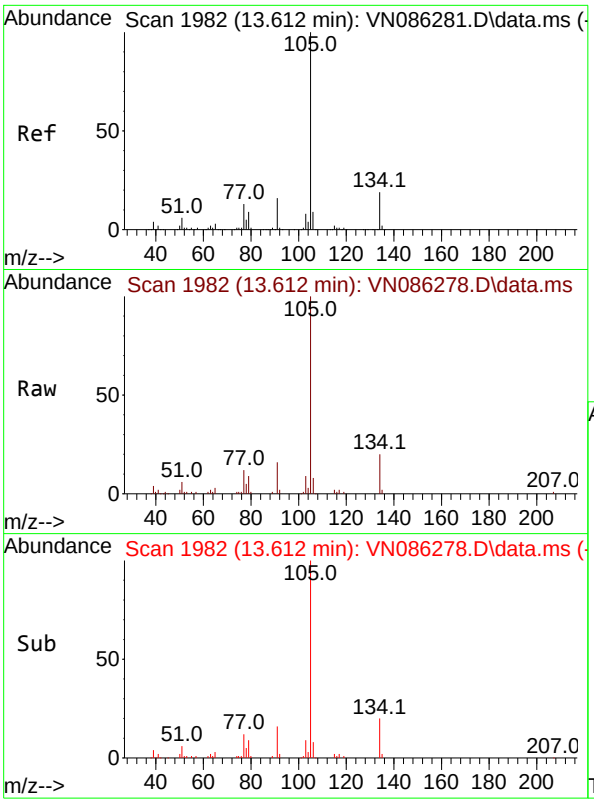


#84
1,2,4-Trimethylbenzene
Concen: 5.347 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:105 Resp: 61145

Ion	Ratio	Lower	Upper
105	100		
120	43.4	22.4	67.3





#85
sec-Butylbenzene
Concen: 5.355 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:105 Resp: 7230

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	29.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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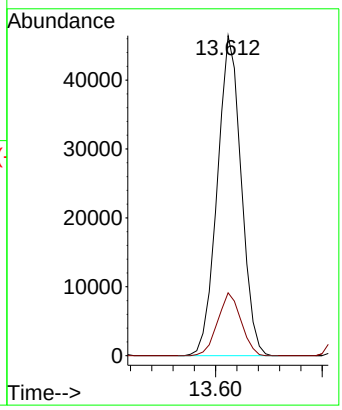
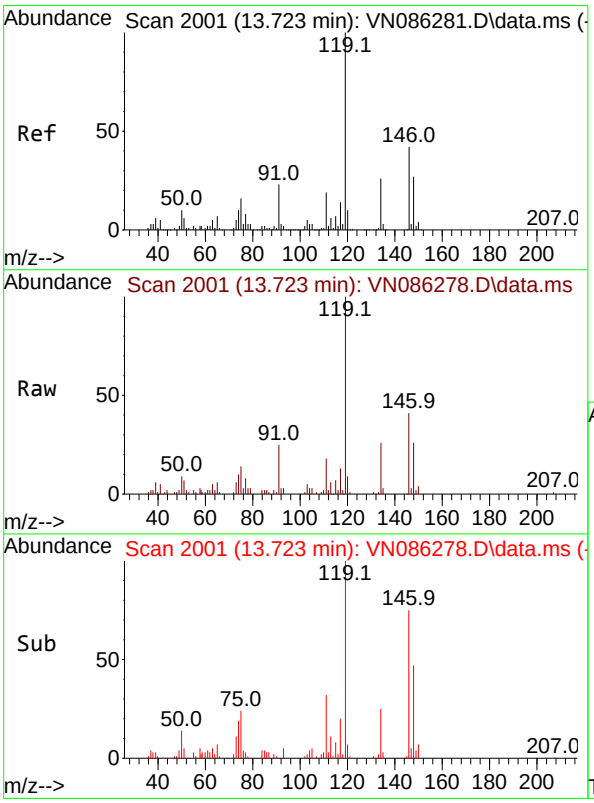
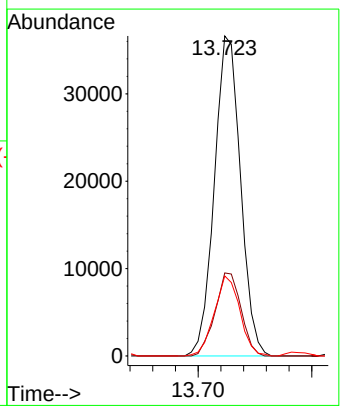


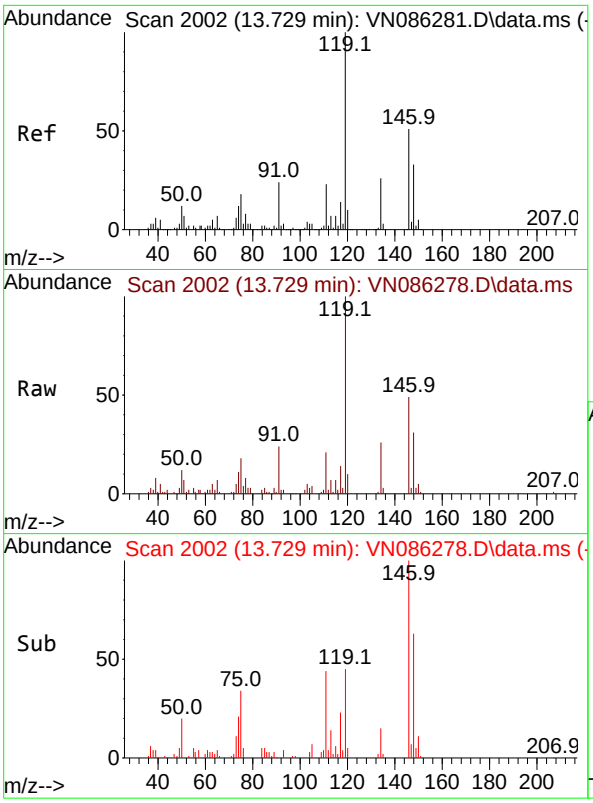


#86
p-Isopropyltoluene
Concen: 5.258 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:119 Resp: 58514

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.1	39.1
91	24.4	11.9	35.9

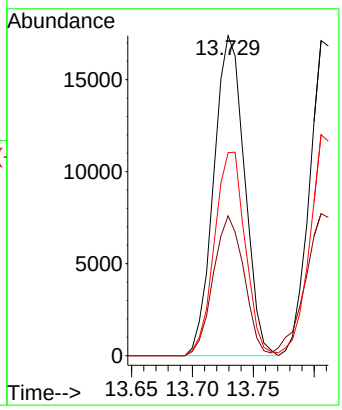




#87
1,3-Dichlorobenzene
Concen: 5.347 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:146 Resp: 3057

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.7
148	63.7	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
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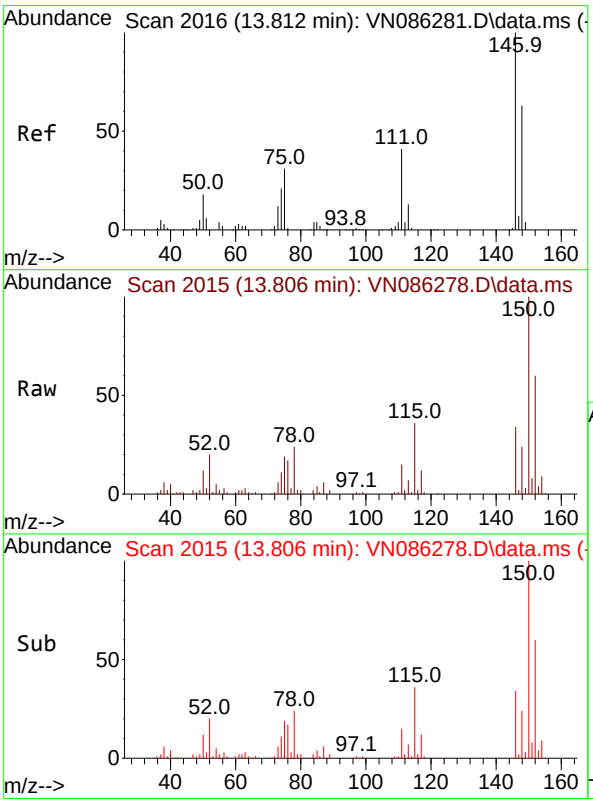
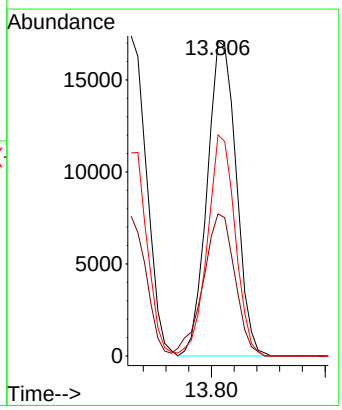
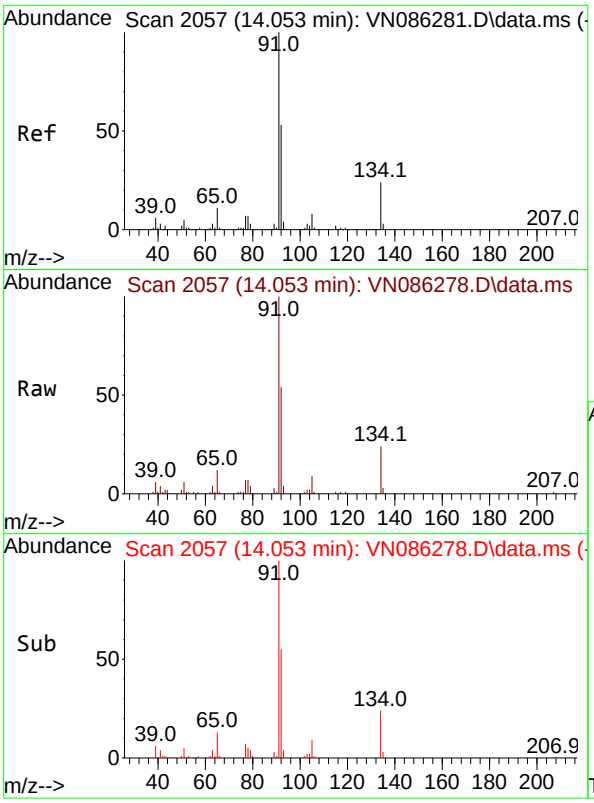


#88
1,4-Dichlorobenzene
Concen: 5.287 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:146 Resp: 30447

Ion	Ratio	Lower	Upper
146	100		
111	49.3	21.3	63.9
148	66.7	31.9	95.9





#89
n-Butylbenzene
Concen: 5.126 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

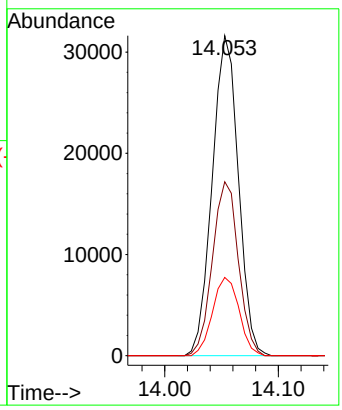
Tgt Ion: 91 Resp: 5056

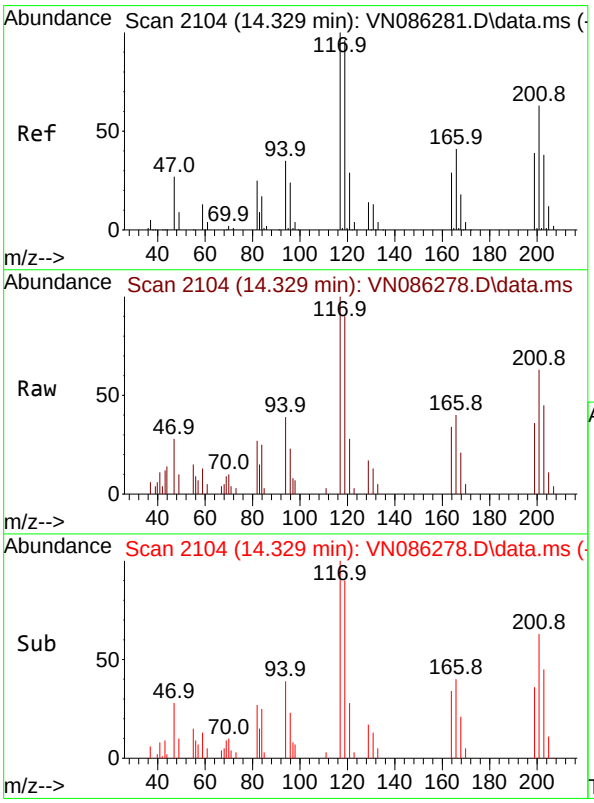
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.4
134	24.9	12.2	36.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

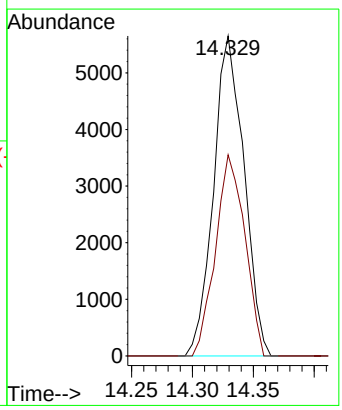


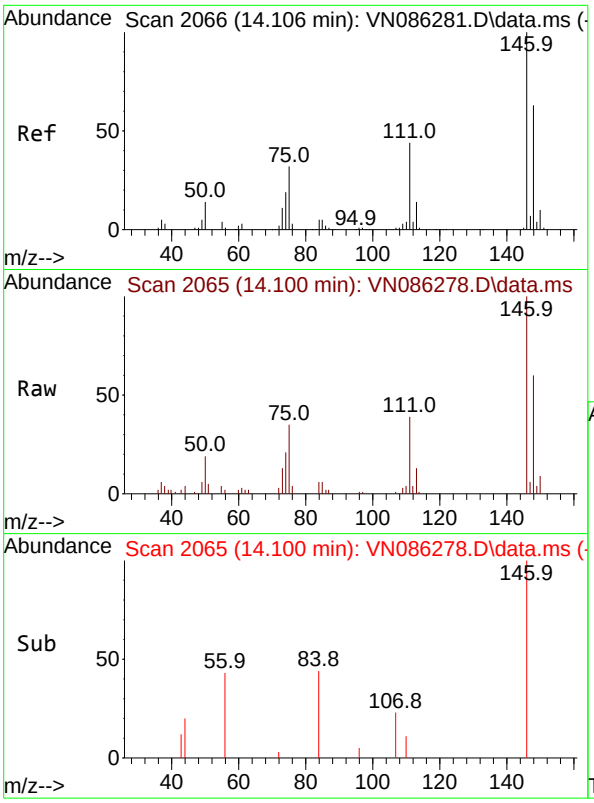


#90
Hexachloroethane
Concen: 5.252 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:117 Resp: 9832

Ion	Ratio	Lower	Upper
117	100		
201	60.5	31.4	94.2

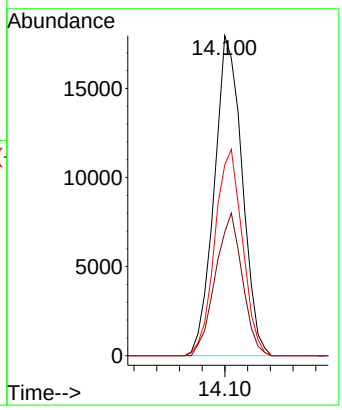




#91
1,2-Dichlorobenzene
Concen: 5.511 ug/l
RT: 14.100 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:146 Resp: 3054

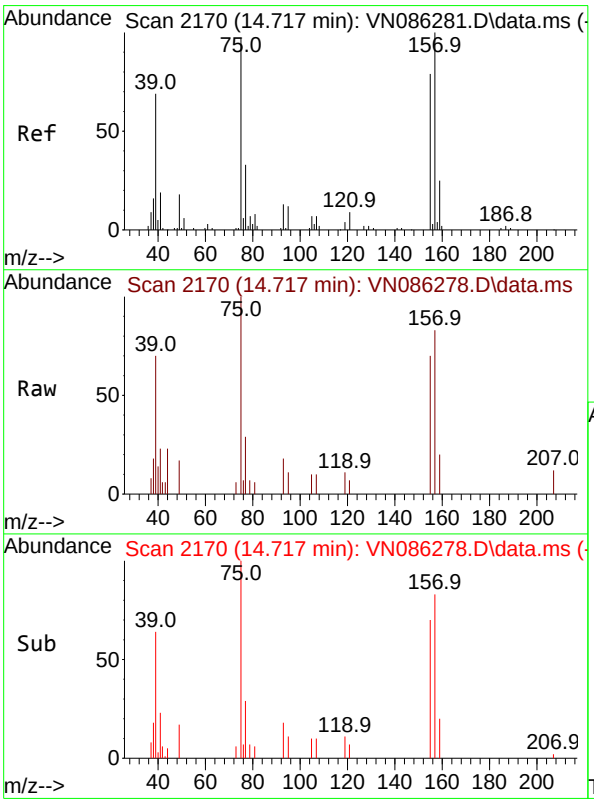
Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.4	67.0
148	64.0	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

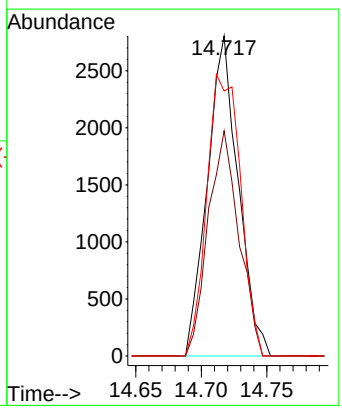
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

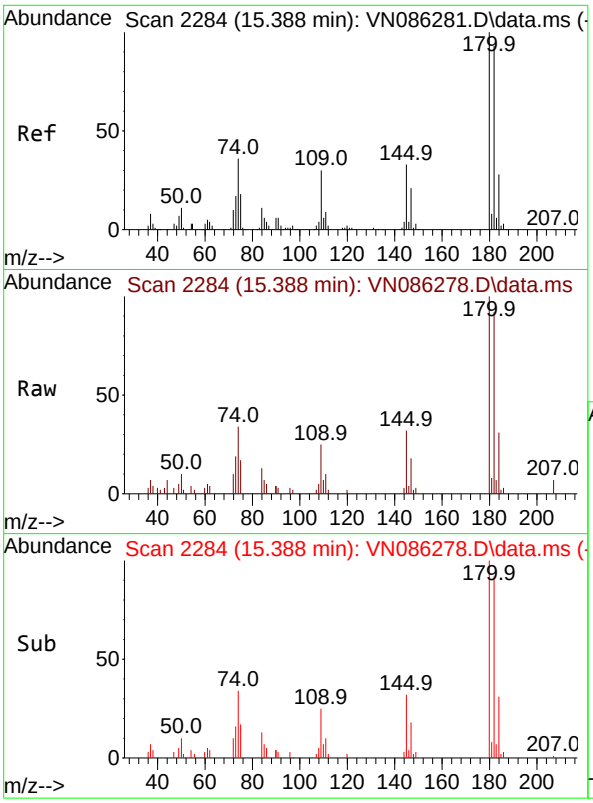


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.772 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion: 75 Resp: 4593

Ion	Ratio	Lower	Upper
75	100		
155	70.0	40.3	120.9
157	96.0	49.0	147.2

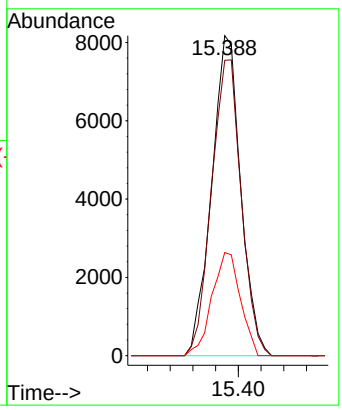




#93
1,2,4-Trichlorobenzene
Concen: 5.465 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:180 Resp: 1450

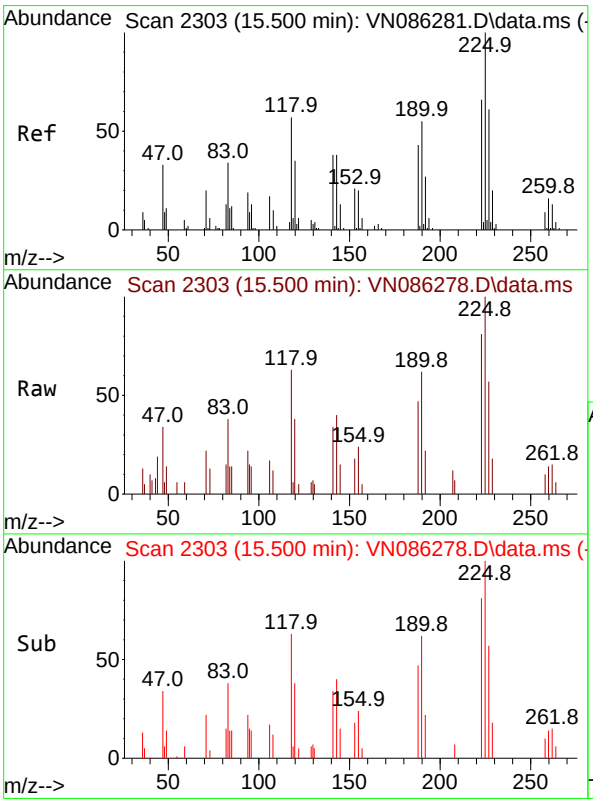
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.0
145	31.5	16.4	49.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

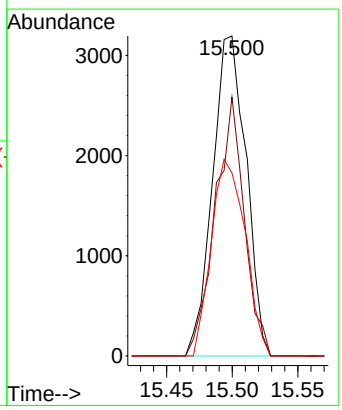
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

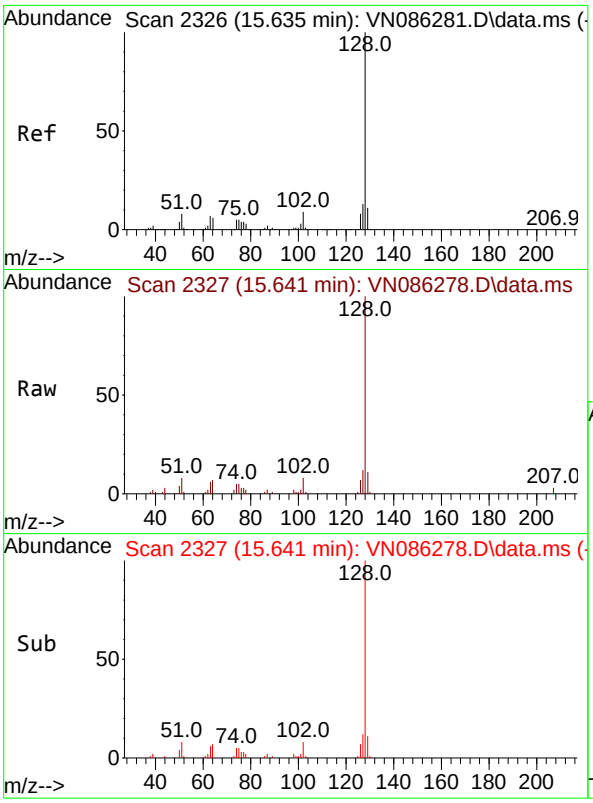


#94
Hexachlorobutadiene
Concen: 5.669 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:225 Resp: 5680

Ion	Ratio	Lower	Upper
225	100		
223	70.3	32.8	98.3
227	62.4	31.4	94.0

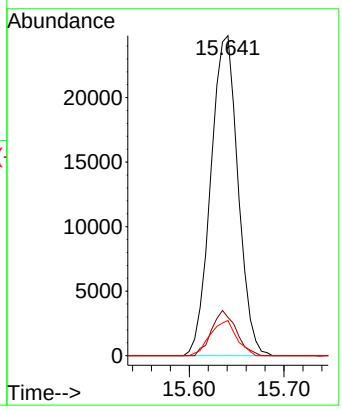




#95
Naphthalene
Concen: 5.270 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:128 Resp: 4958

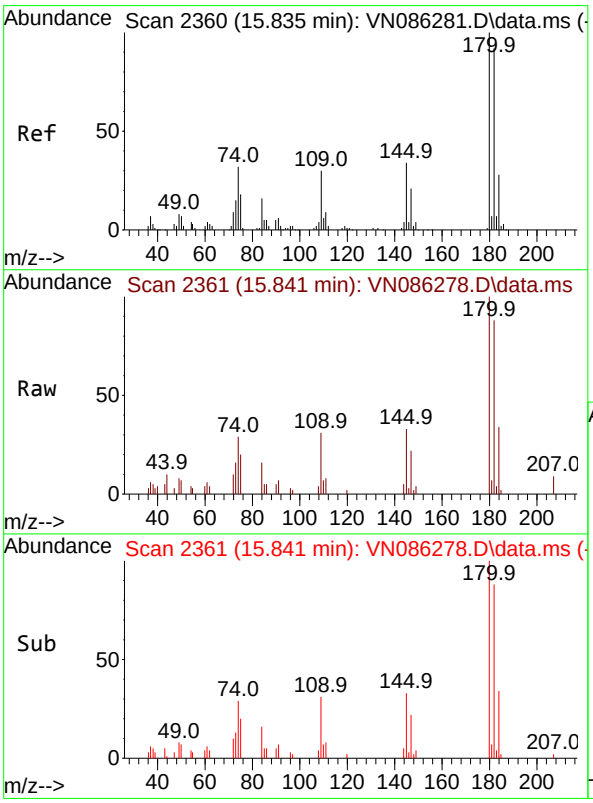
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.6	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

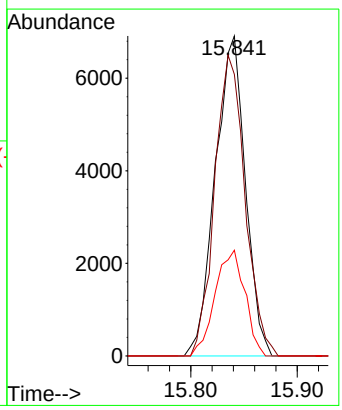
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 5.412 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086278.D
Acq: 15 Apr 2025 12:21

Tgt Ion:180 Resp: 13599

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	32.7	17.2	51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086279.D
Acq On : 15 Apr 2025 12:45
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:56:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	253576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	468933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	411009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	37770	10.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	20.540%#		
35) Dibromofluoromethane	8.159	113	23907	10.985	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.960%#		
50) Toluene-d8	10.565	98	120121	10.327	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	20.660%#		
62) 4-Bromofluorobenzene	12.847	95	42791	10.086	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	20.180%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	29521	9.821	ug/l	96
3) Chloromethane	2.359	50	39728	9.094	ug/l	94
4) Vinyl Chloride	2.518	62	39819	9.551	ug/l	99
5) Bromomethane	2.965	94	18776	10.013	ug/l	87
6) Chloroethane	3.124	64	26337	9.439	ug/l	92
7) Trichlorofluoromethane	3.506	101	43539	9.428	ug/l	99
8) Diethyl Ether	3.959	74	19000	9.425	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	26478	9.478	ug/l	99
10) Methyl Iodide	4.589	142	28586	9.308	ug/l	98
11) Tert butyl alcohol	5.506	59	34343	51.188	ug/l	99
12) 1,1-Dichloroethene	4.342	96	28022	9.389	ug/l	90
13) Acrolein	4.183	56	17703	44.165	ug/l	99
14) Allyl chloride	5.024	41	48555m	9.157	ug/l	
15) Acrylonitrile	5.718	53	78184	47.141	ug/l	97
16) Acetone	4.430	43	63789	45.485	ug/l	99
17) Carbon Disulfide	4.712	76	81234	9.090	ug/l	99
18) Methyl Acetate	5.024	43	41546	9.413	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	102069	9.304	ug/l	95
20) Methylene Chloride	5.277	84	31218	9.183	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	28271	9.060	ug/l	99
22) Diisopropyl ether	6.671	45	106867	9.259	ug/l	97
23) Vinyl Acetate	6.600	43	386388	47.903	ug/l	100
24) 1,1-Dichloroethane	6.571	63	56906	9.345	ug/l	96
25) 2-Butanone	7.477	43	106429	46.500	ug/l	98
26) 2,2-Dichloropropane	7.488	77	51934	9.525	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	35180	9.084	ug/l	99
28) Bromochloromethane	7.806	49	22094	8.557	ug/l	98
29) Tetrahydrofuran	7.835	42	72642	47.462	ug/l	100
30) Chloroform	7.965	83	56896	9.511	ug/l	95
31) Cyclohexane	8.253	56	57797	9.699	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	48313	9.441	ug/l	93
36) 1,1-Dichloropropene	8.371	75	39999	9.202	ug/l	98
37) Ethyl Acetate	7.559	43	42951	9.385	ug/l	99
38) Carbon Tetrachloride	8.359	117	38345	9.263	ug/l	99
39) Methylcyclohexane	9.594	83	48076	9.305	ug/l	98
40) Benzene	8.606	78	130256	9.352	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086279.D
Acq On : 15 Apr 2025 12:45
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 16 03:56:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	26058	9.824	ug/l		98
42) 1,2-Dichloroethane	8.671	62	41980	9.452	ug/l		100
43) Isopropyl Acetate	8.682	43	90916	9.381	ug/l		95
44) Trichloroethene	9.347	130	31281	9.476	ug/l		94
45) 1,2-Dichloropropane	9.618	63	33270	9.759	ug/l		98
46) Dibromomethane	9.706	93	20677	9.519	ug/l		97
47) Bromodichloromethane	9.882	83	44773	9.543	ug/l		97
48) Methyl methacrylate	9.676	41	37900	9.430	ug/l		98
49) 1,4-Dioxane	9.688	88	13198	193.063	ug/l		99
51) 4-Methyl-2-Pentanone	10.441	43	224548	47.916	ug/l		98
52) Toluene	10.623	92	81084	9.330	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	49510	9.454	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	54411	9.459	ug/l		97
55) 1,1,2-Trichloroethane	11.012	97	29512	9.439	ug/l		93
56) Ethyl methacrylate	10.871	69	54203	9.431	ug/l		98
57) 1,3-Dichloropropane	11.159	76	53151	9.581	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	113279	41.526	ug/l		99
59) 2-Hexanone	11.194	43	166643	47.941	ug/l		100
60) Dibromochloromethane	11.353	129	33195	9.668	ug/l		98
61) 1,2-Dibromoethane	11.465	107	29886	9.473	ug/l		99
64) Tetrachloroethene	11.100	164	29467	9.321	ug/l		99
65) Chlorobenzene	11.888	112	86997	9.485	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	28657	9.471	ug/l		97
67) Ethyl Benzene	11.959	91	153929	9.300	ug/l		99
68) m/p-Xylenes	12.065	106	115926	18.692	ug/l		99
69) o-Xylene	12.394	106	58314	9.508	ug/l		99
70) Styrene	12.406	104	95045	9.301	ug/l		100
71) Bromoform	12.576	173	21240	9.323	ug/l	#	100
73) Isopropylbenzene	12.694	105	142461	9.757	ug/l		100
74) N-amyl acetate	12.488	43	67074	9.228	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	42167	10.045	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	41148m	9.813	ug/l		
77) Bromobenzene	12.976	156	32305	9.986	ug/l		99
78) n-propylbenzene	13.035	91	165250	9.605	ug/l		99
79) 2-Chlorotoluene	13.123	91	103789	9.641	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	113458	9.494	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	17595	10.033	ug/l		92
82) 4-Chlorotoluene	13.217	91	101784	9.518	ug/l		99
83) tert-Butylbenzene	13.435	119	99779	9.636	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	116448	9.573	ug/l		99
85) sec-Butylbenzene	13.612	105	139108	9.686	ug/l		99
86) p-Isopropyltoluene	13.729	119	113316	9.572	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	57753	9.497	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	57656	9.412	ug/l		98
89) n-Butylbenzene	14.053	91	98010	9.340	ug/l		99
90) Hexachloroethane	14.329	117	18922	9.503	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	55856	9.473	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8165	9.646	ug/l		98
93) 1,2,4-Trichlorobenzene	15.388	180	26050	9.227	ug/l		99
94) Hexachlorobutadiene	15.494	225	10205	9.575	ug/l		97
95) Naphthalene	15.635	128	92844	9.277	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	24879	9.308	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086279.D
Acq On : 15 Apr 2025 12:45
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 16 03:56:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
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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_N\Data\VN041525\
Data File : VN086279.D
Acq On : 15 Apr 2025 12:45
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 16 03:56:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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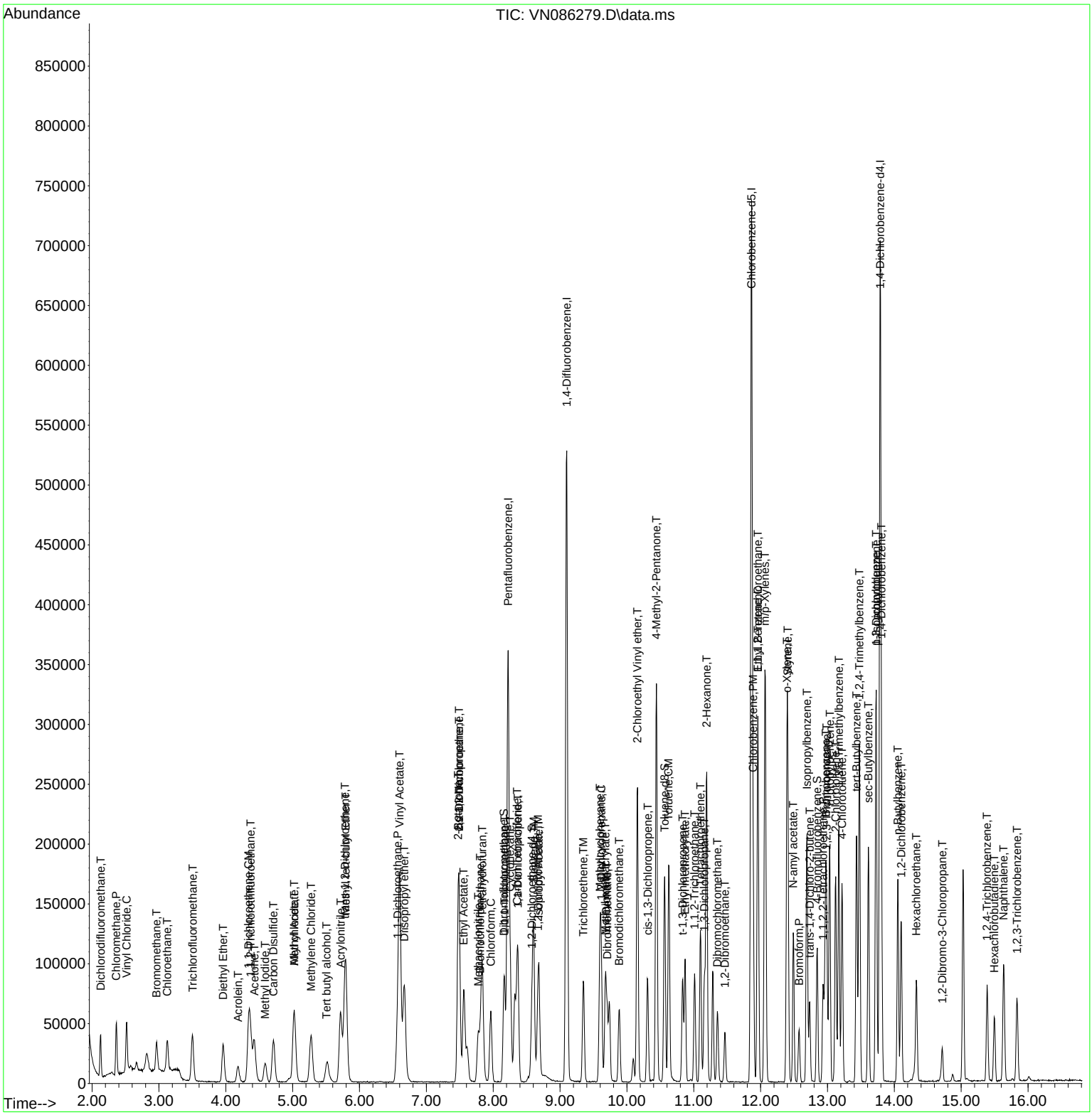
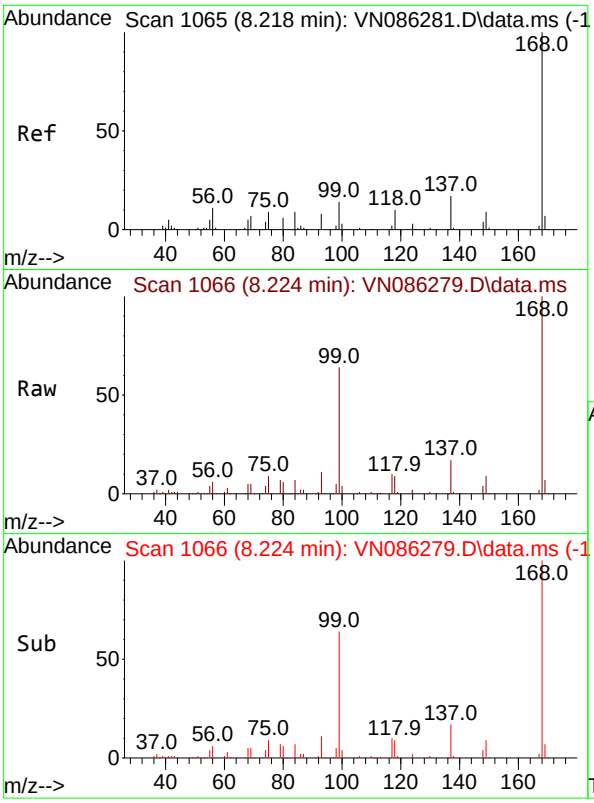
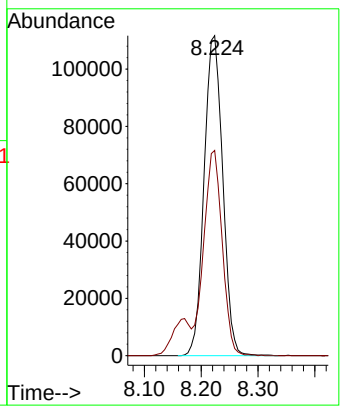




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:168 Resp: 25357

Ion	Ratio	Lower	Upper
168	100		
99	64.1	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
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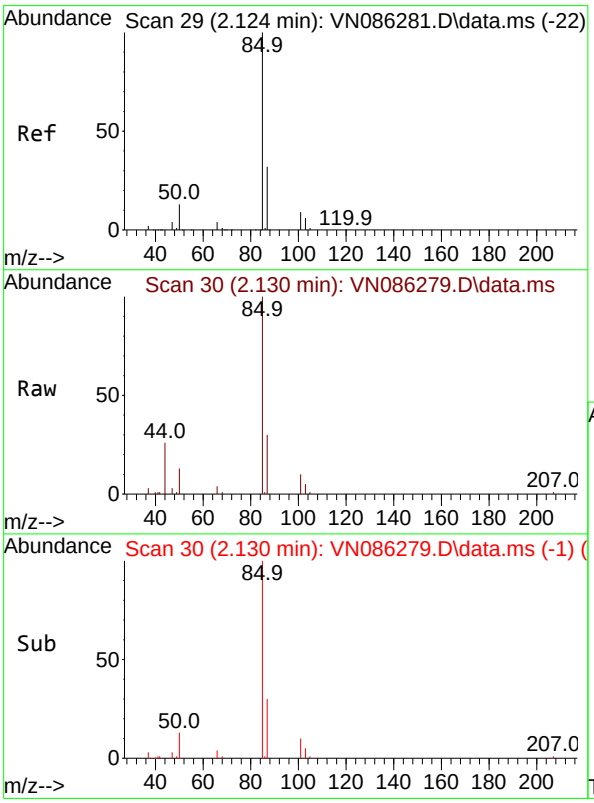
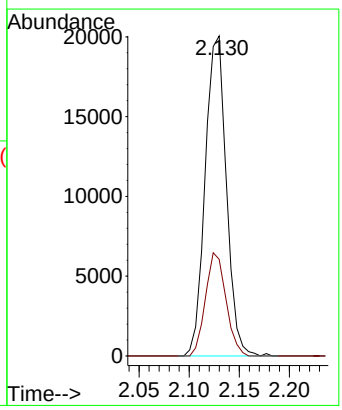
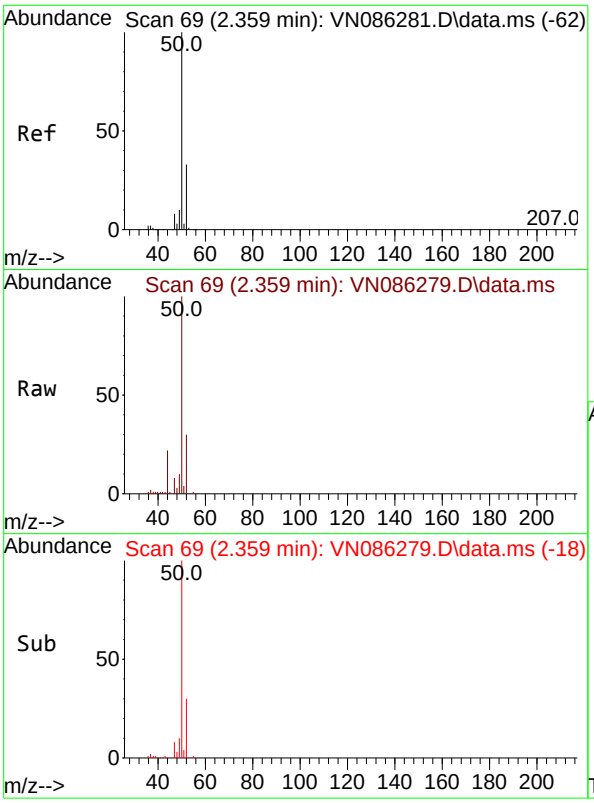


#2
Dichlorodifluoromethane
Concen: 9.821 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 85 Resp: 29521

Ion	Ratio	Lower	Upper
85	100		
87	30.2	16.3	48.8

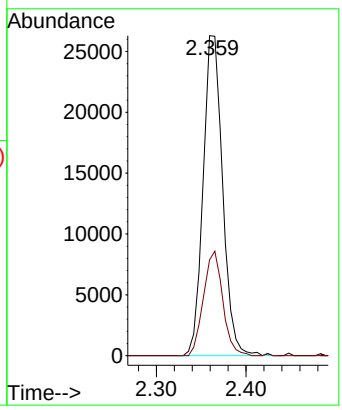




#3
Chloromethane
Concen: 9.094 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 50 Resp: 3972

Ion	Ratio	Lower	Upper
50	100		
52	30.0	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
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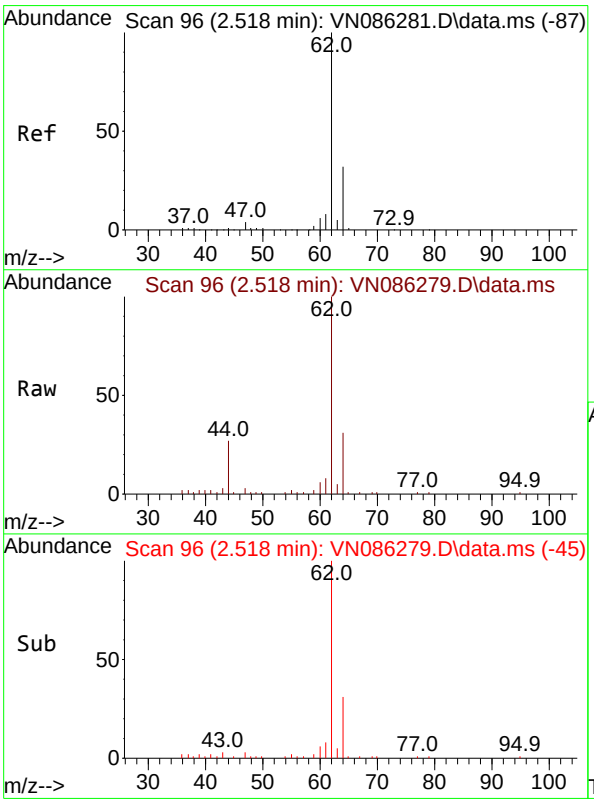
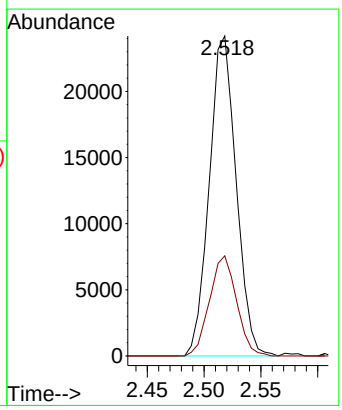
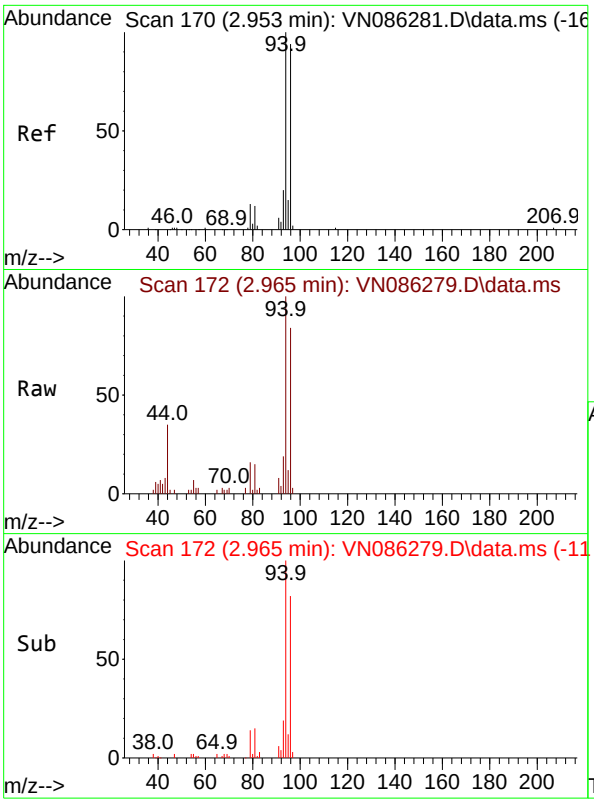


#4
Vinyl Chloride
Concen: 9.551 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 62 Resp: 39819

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.6	38.4

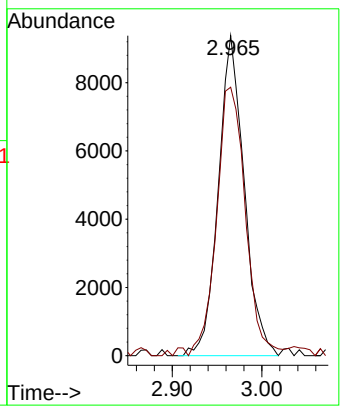




#5
Bromomethane
Concen: 10.013 ug/l
RT: 2.965 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 94 Resp: 1877

Ion	Ratio	Lower	Upper
94	100		
96	81.7	75.2	112.8



Instrument :
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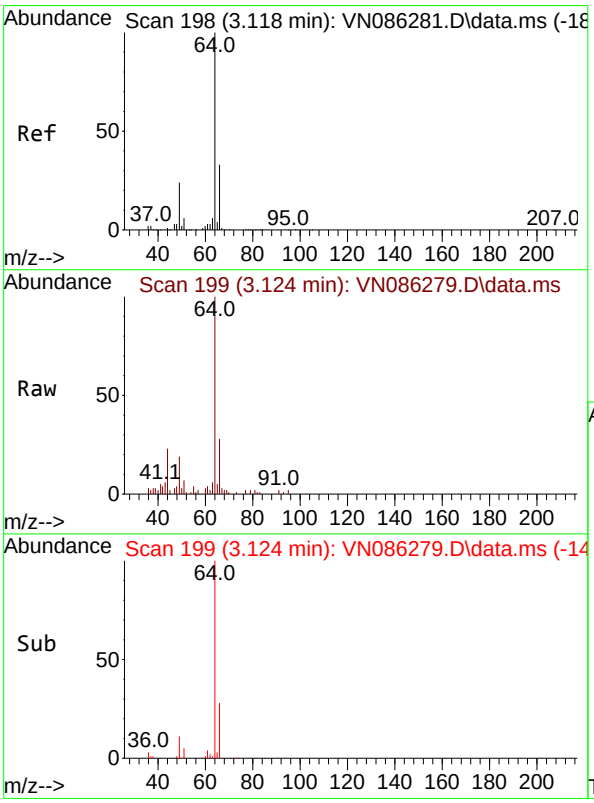
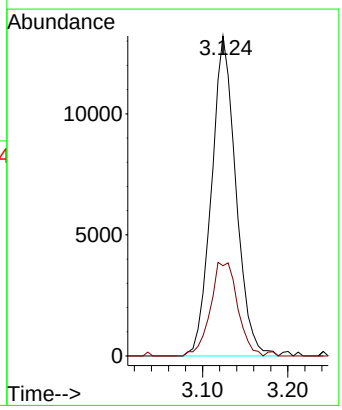
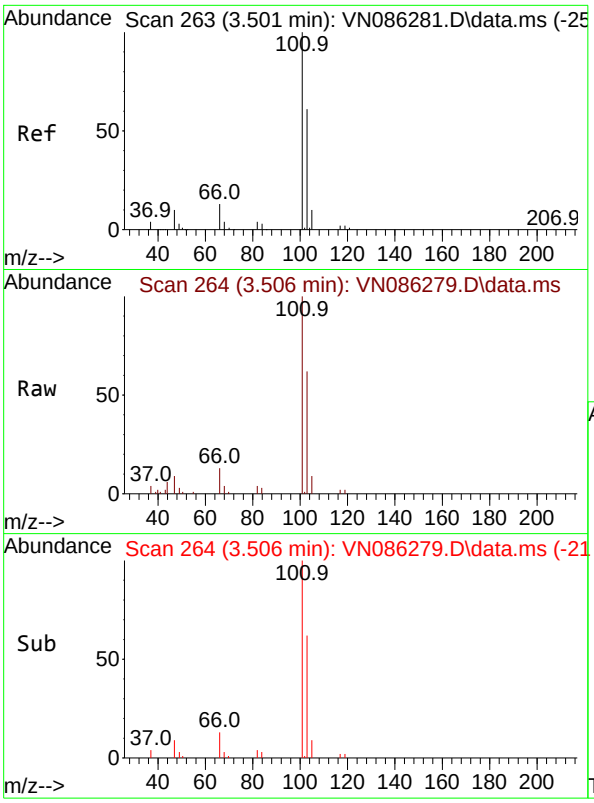


#6
Chloroethane
Concen: 9.439 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 64 Resp: 26337

Ion	Ratio	Lower	Upper
64	100		
66	28.2	26.2	39.2

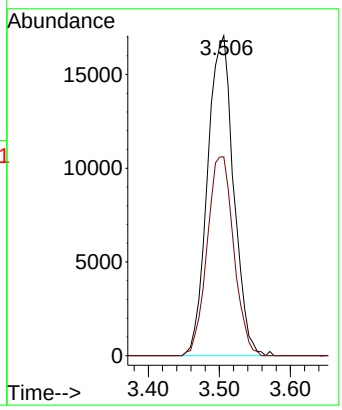




#7
Trichlorofluoromethane
Concen: 9.428 ug/l
RT: 3.506 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:101 Resp: 4353

Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.2	73.8



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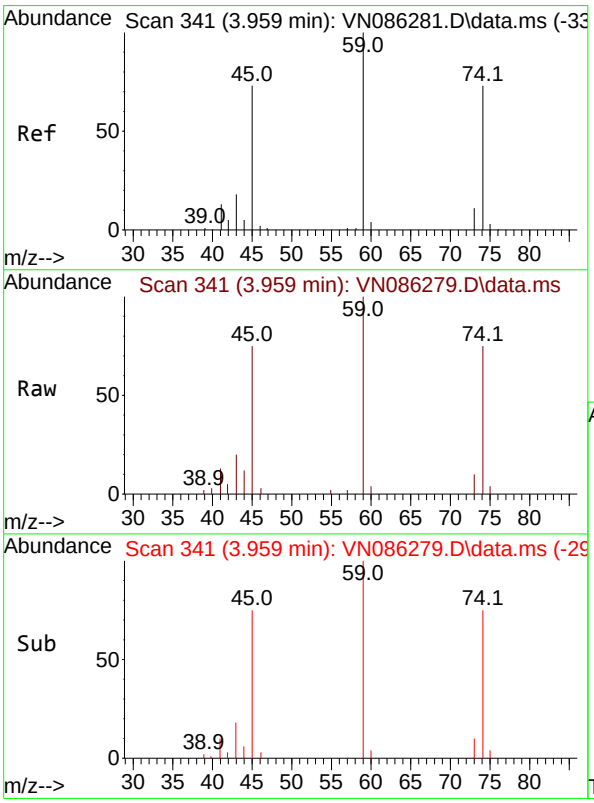
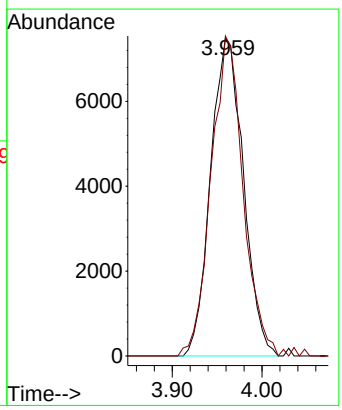
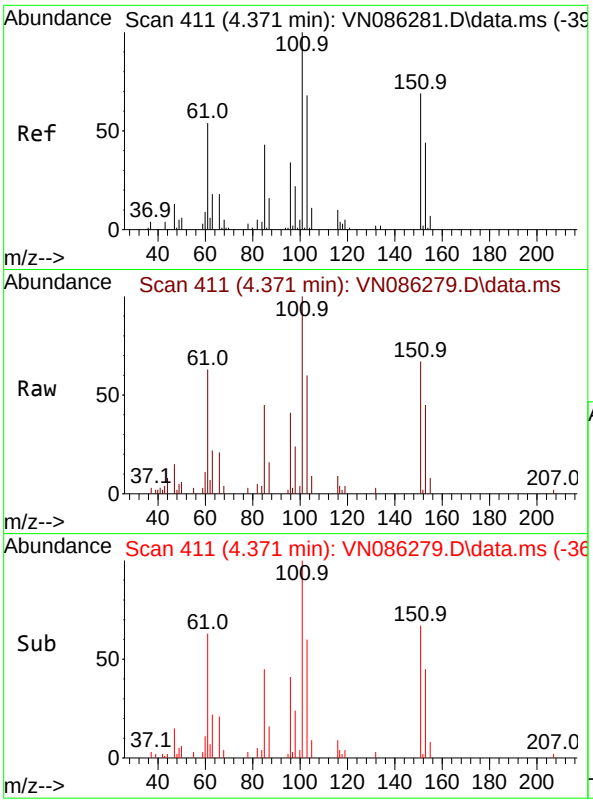


#8
Diethyl Ether
Concen: 9.425 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 74 Resp: 19000

Ion	Ratio	Lower	Upper
74	100		
45	98.3	48.0	144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.478 ug/l
RT: 4.371 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:101 Resp: 2647

Ion	Ratio	Lower	Upper
101	100		
85	44.2	34.7	52.1
151	69.8	56.1	84.1

Instrument :
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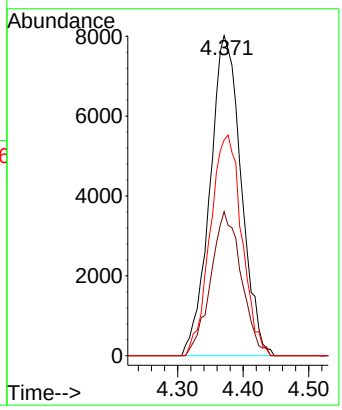
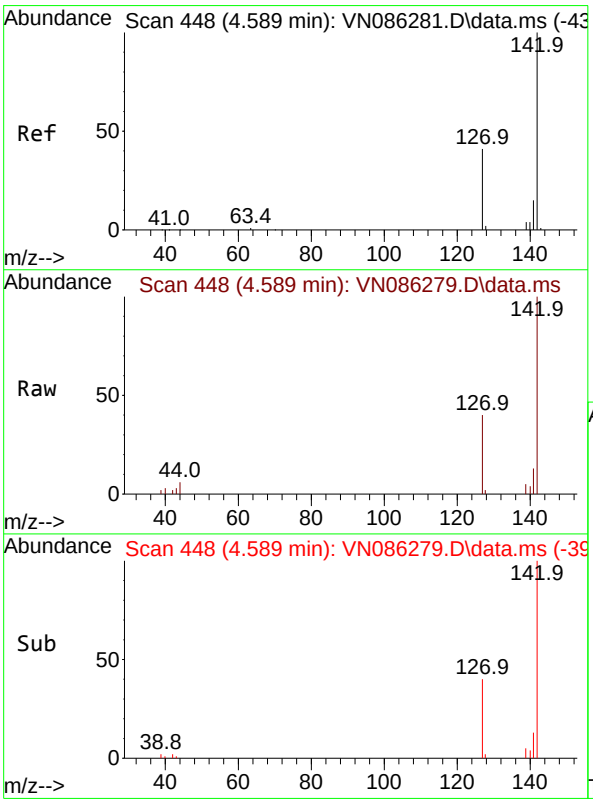
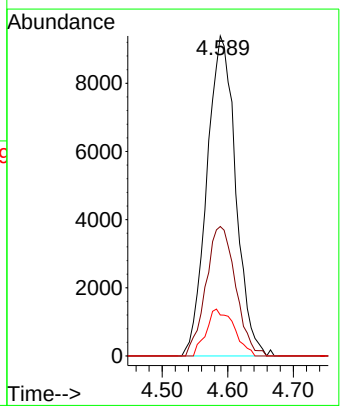


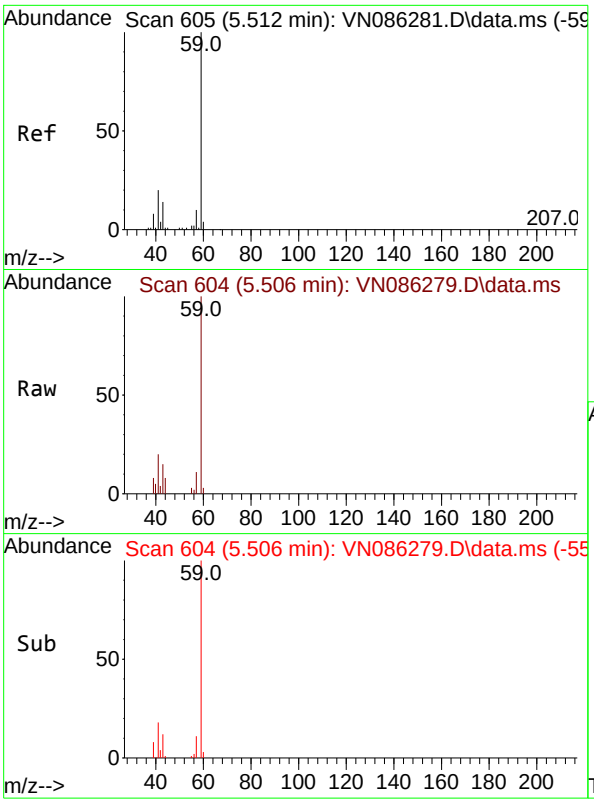


#10
Methyl Iodide
Concen: 9.308 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:142 Resp: 28586

Ion	Ratio	Lower	Upper
142	100		
127	40.4	32.7	49.1
141	12.8	11.7	17.5

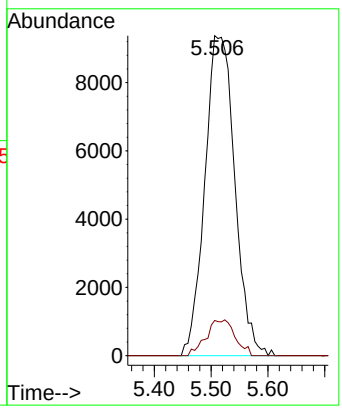




#11
Tert butyl alcohol
Concen: 51.188 ug/l
RT: 5.506 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 59 Resp: 3434

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



Instrument :
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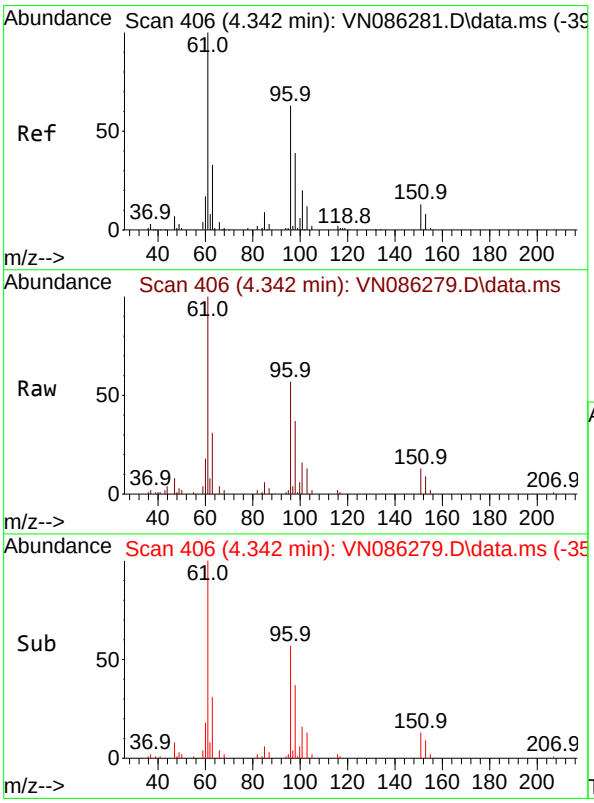
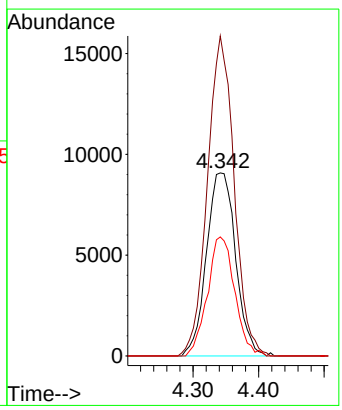
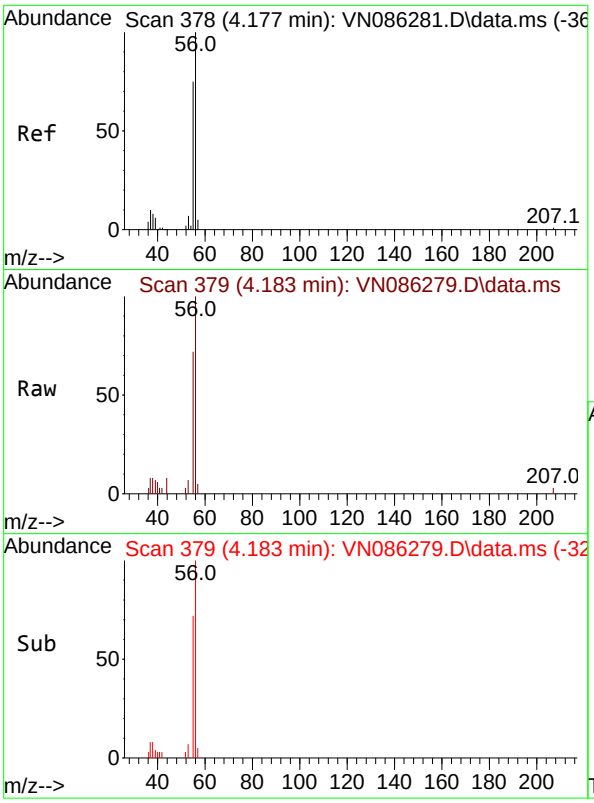


#12
1,1-Dichloroethene
Concen: 9.389 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 96 Resp: 28022

Ion	Ratio	Lower	Upper
96	100		
61	174.9	126.6	189.8
98	65.1	49.6	74.4

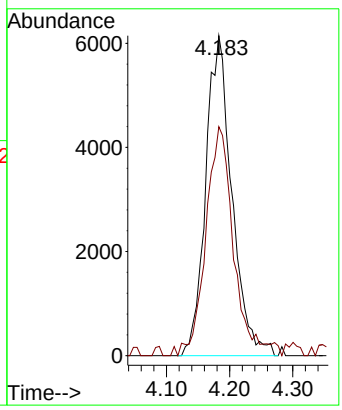




#13
Acrolein
Concen: 44.165 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 56 Resp: 1770

Ion	Ratio	Lower	Upper
56	100		
55	74.3	58.5	87.7



Instrument :
MSVOA_N
ClientSampleId :
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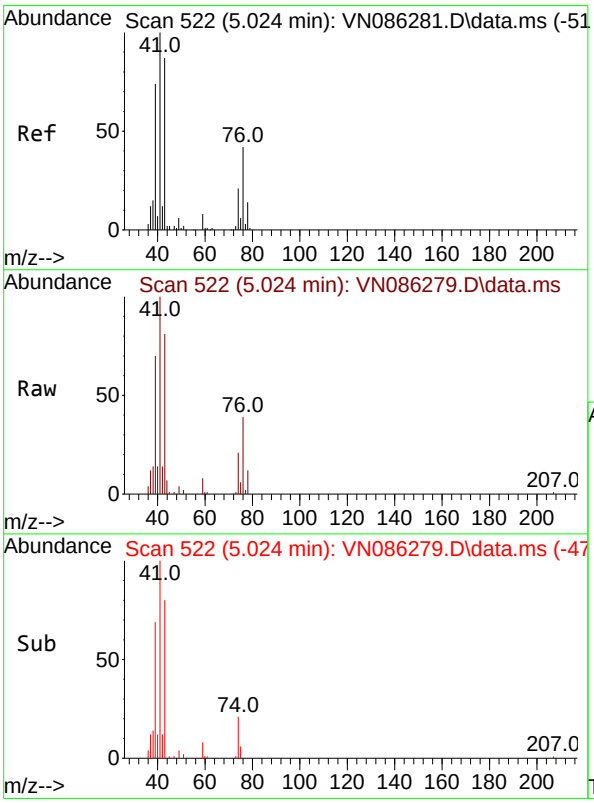
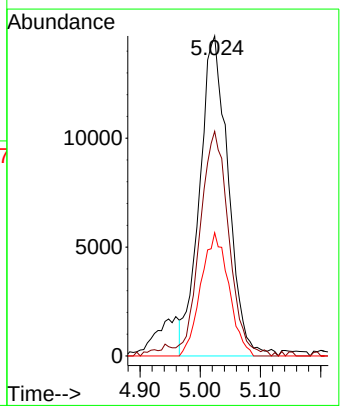
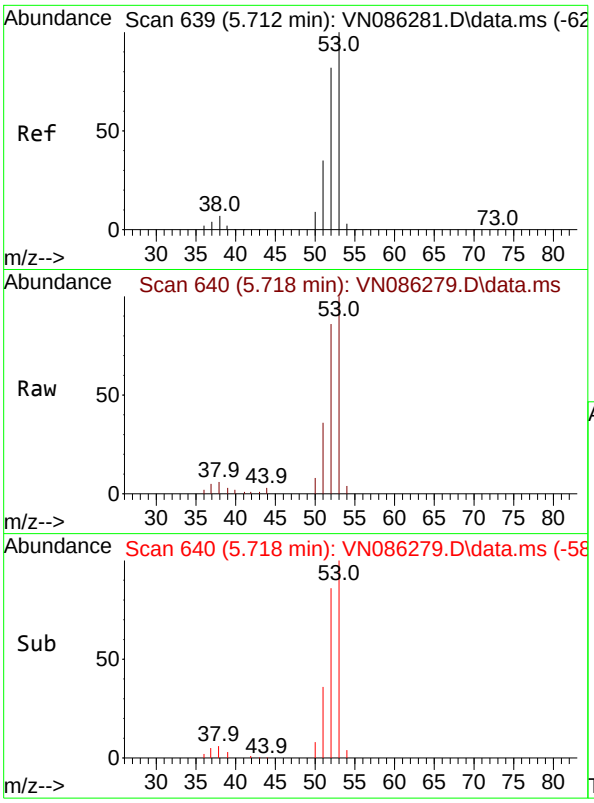


#14
Allyl chloride
Concen: 9.157 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 41 Resp: 48555

Ion	Ratio	Lower	Upper
41	100		
39	70.8	59.2	88.8
76	37.4	31.2	46.8

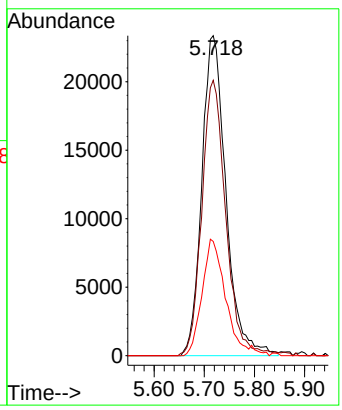




#15
Acrylonitrile
Concen: 47.141 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 53 Resp: 7818

Ion	Ratio	Lower	Upper
53	100		
52	85.3	65.5	98.3
51	35.8	28.6	42.8



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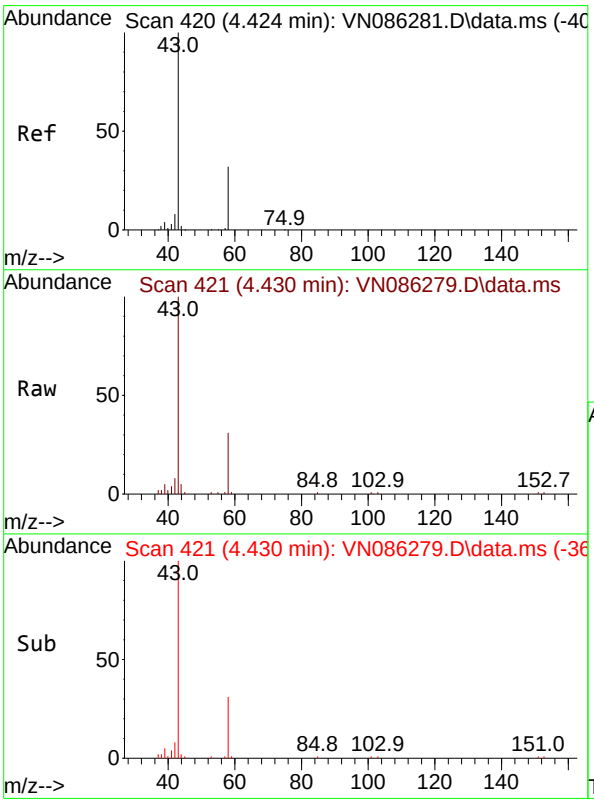
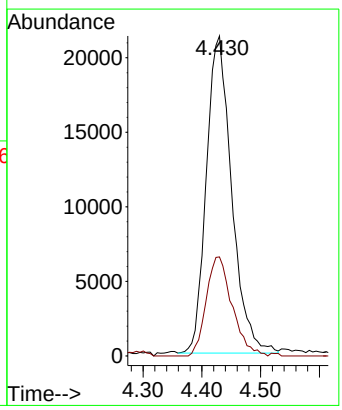
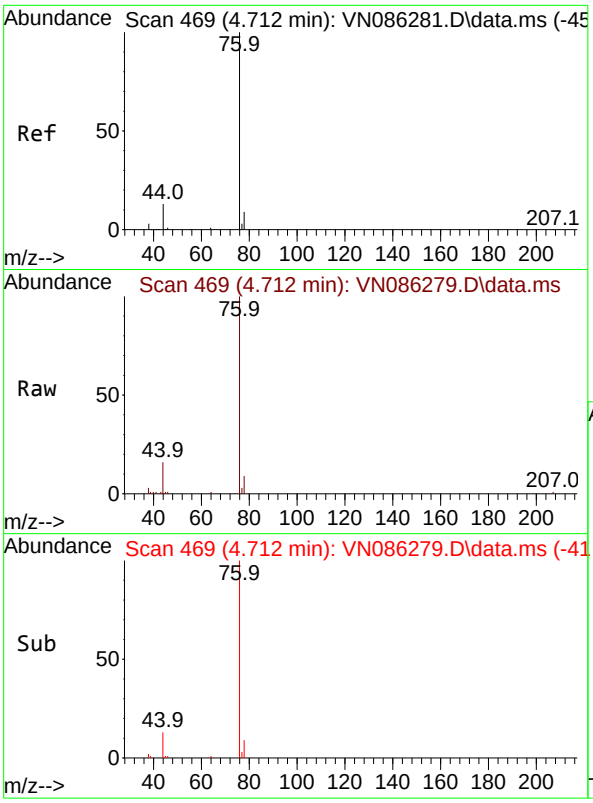


#16
Acetone
Concen: 45.485 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 63789

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.3	37.9

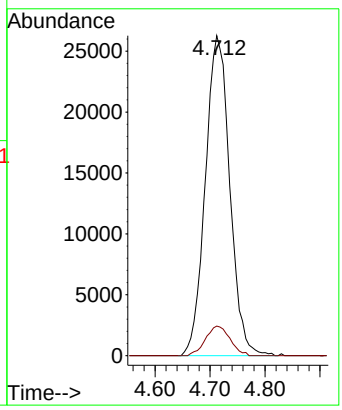




#17
Carbon Disulfide
Concen: 9.090 ug/l
RT: 4.712 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 76 Resp: 8123

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.6	11.4



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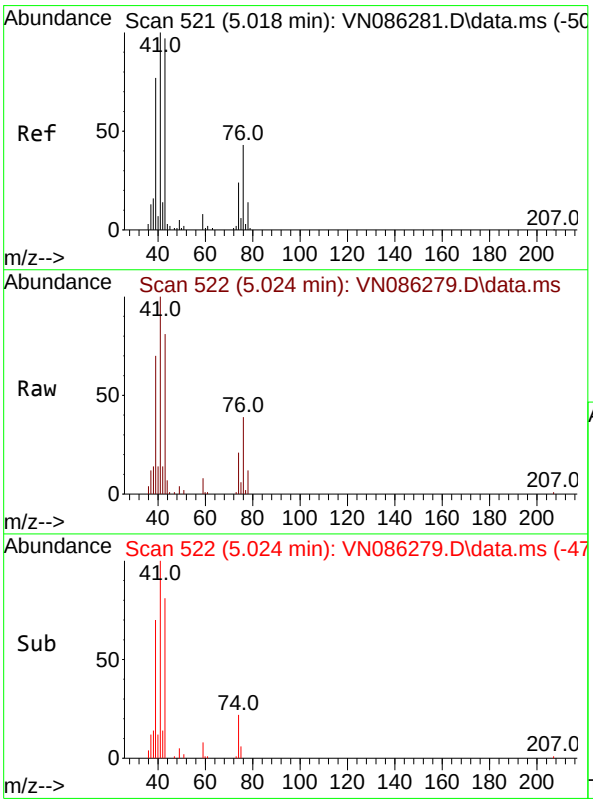
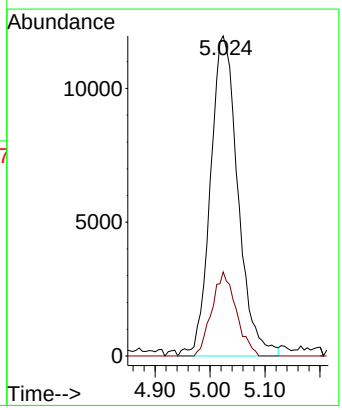
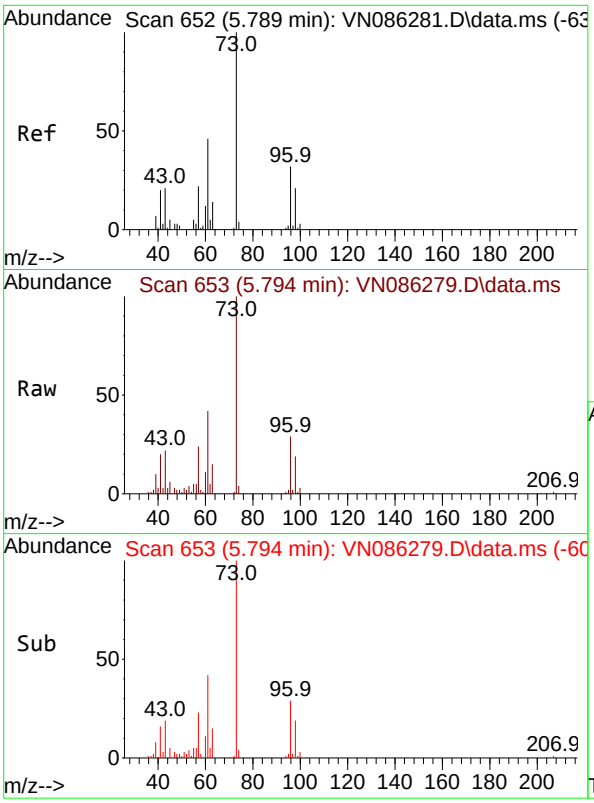


#18
Methyl Acetate
Concen: 9.413 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 41546

Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.8	29.6

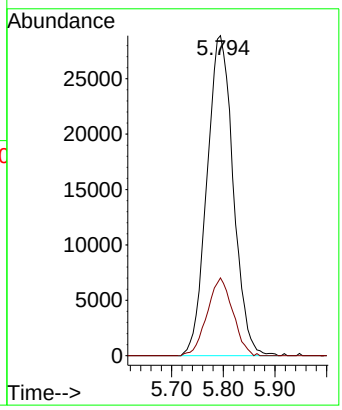




#19
Methyl tert-butyl Ether
Concen: 9.304 ug/l
RT: 5.794 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 73 Resp: 10206

Ion	Ratio	Lower	Upper
73	100		
57	24.3	17.6	26.4



Instrument :
MSVOA_N
ClientSampleId :
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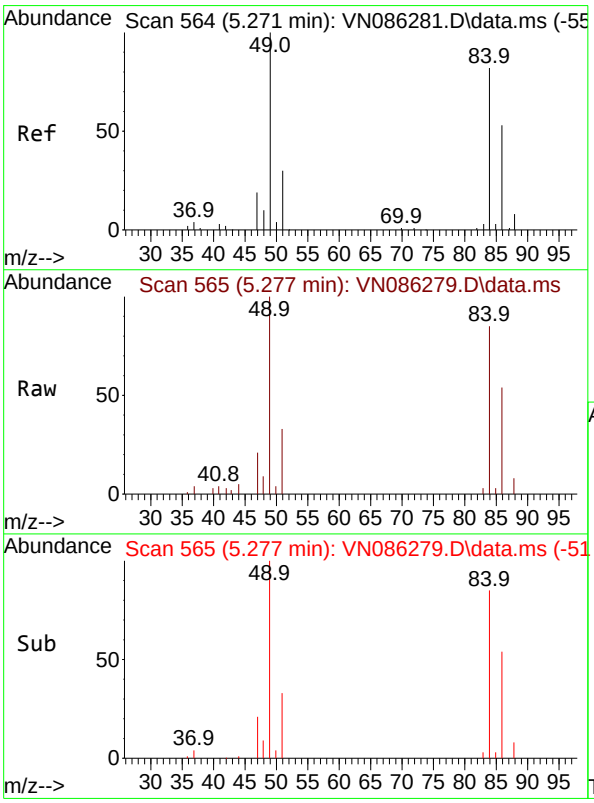
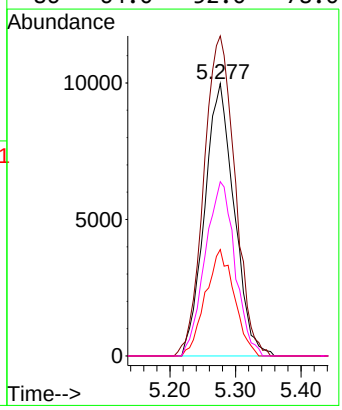
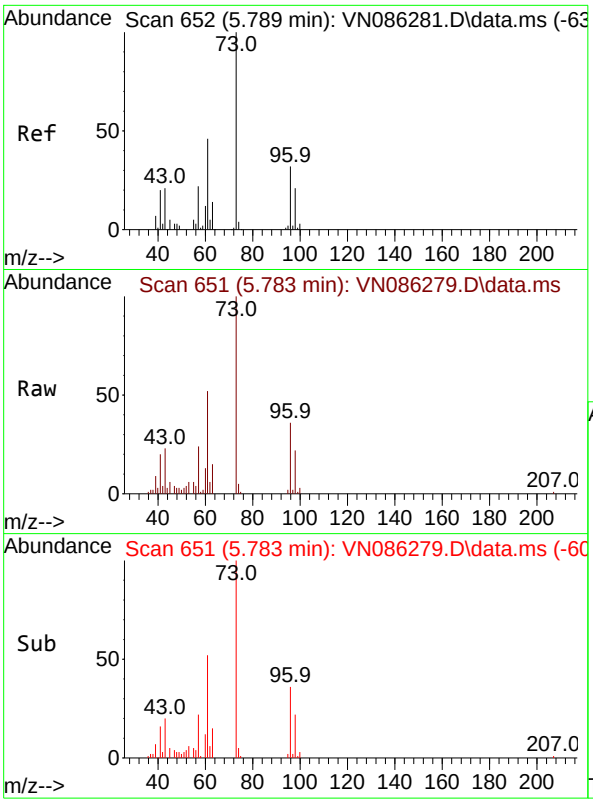


#20
Methylene Chloride
Concen: 9.183 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 84 Resp: 31218

Ion	Ratio	Lower	Upper
84	100		
49	117.5	98.2	147.2
51	39.1	29.8	44.6
86	64.0	52.0	78.0

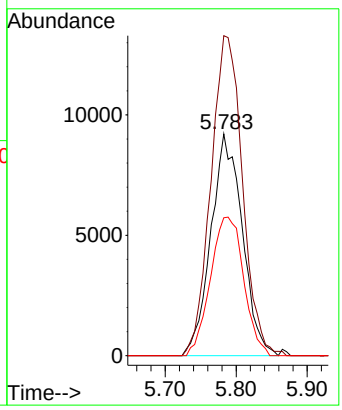




#21
trans-1,2-Dichloroethene
Concen: 9.060 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 96 Resp: 2827

Ion	Ratio	Lower	Upper
96	100		
61	144.3	114.6	171.8
98	62.1	51.2	76.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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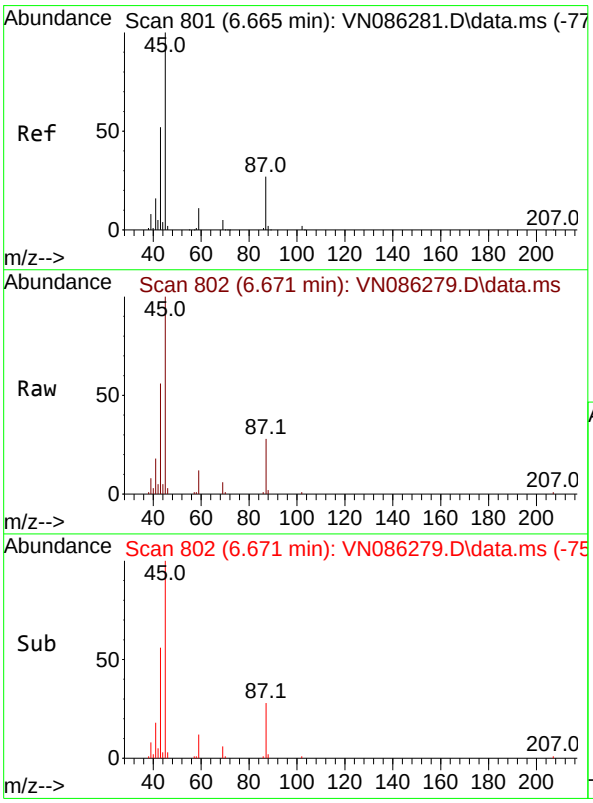
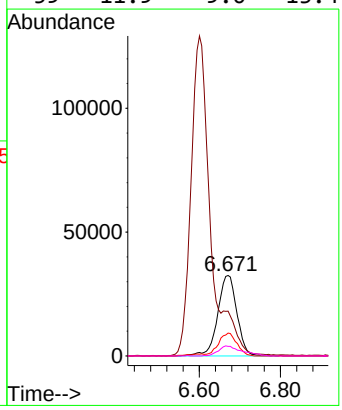
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

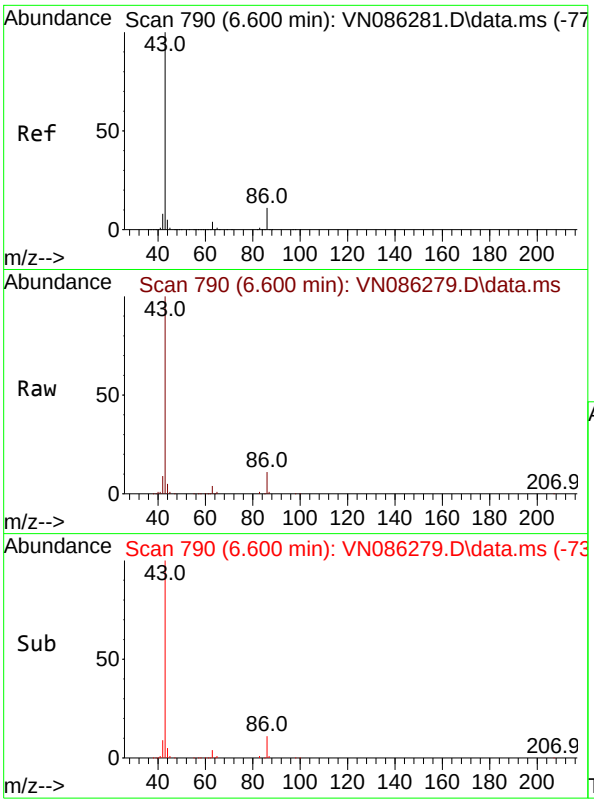


#22
Diisopropyl ether
Concen: 9.259 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 45 Resp: 106867

Ion	Ratio	Lower	Upper
45	100		
43	54.4	41.8	62.8
87	28.4	21.6	32.4
59	11.9	9.0	13.4





#23
Vinyl Acetate
Concen: 47.903 ug/l
RT: 6.600 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 38638

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	13.0

Instrument :
MSVOA_N
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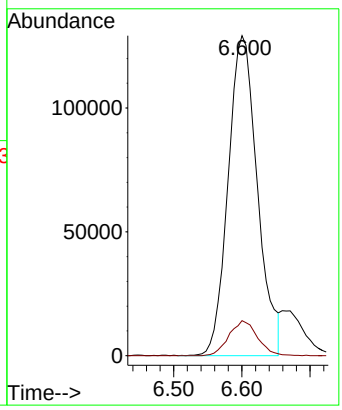
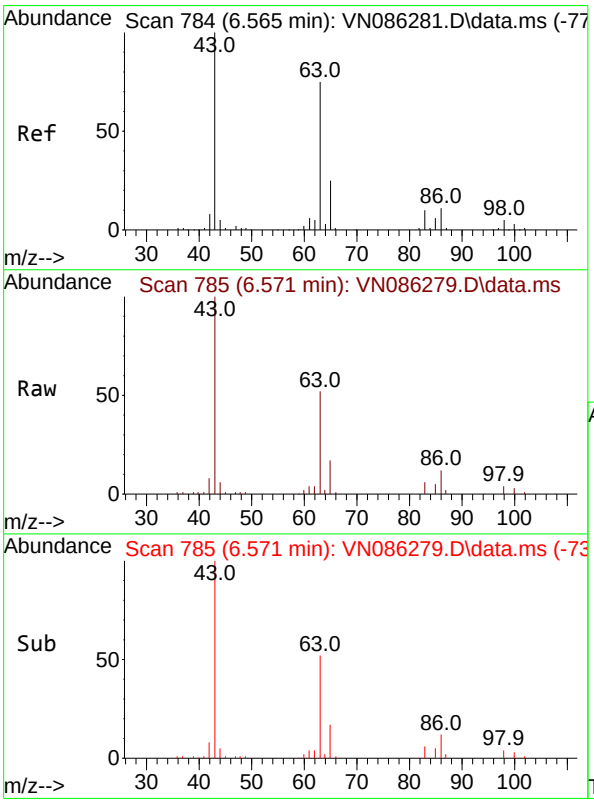
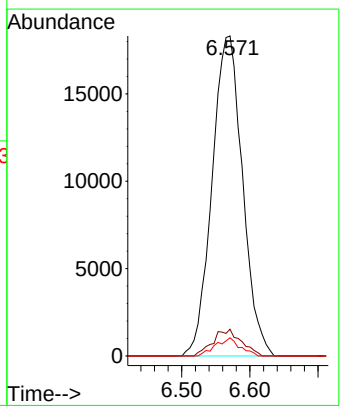


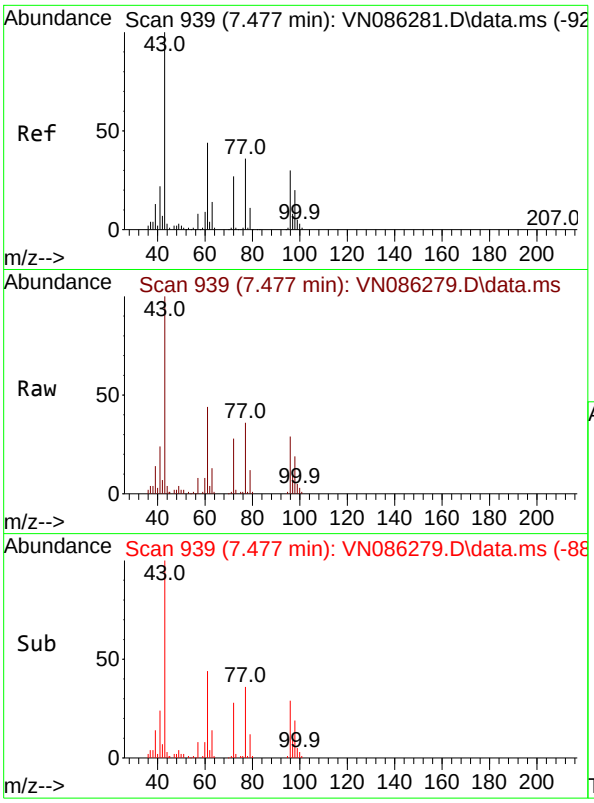


#24
1,1-Dichloroethane
Concen: 9.345 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 63 Resp: 56906

Ion	Ratio	Lower	Upper
63	100		
98	8.4	3.4	10.2
100	5.7	2.1	6.5





#25
2-Butanone
Concen: 46.500 ug/l
RT: 7.477 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 10642

Ion	Ratio	Lower	Upper
43	100		
72	28.3	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
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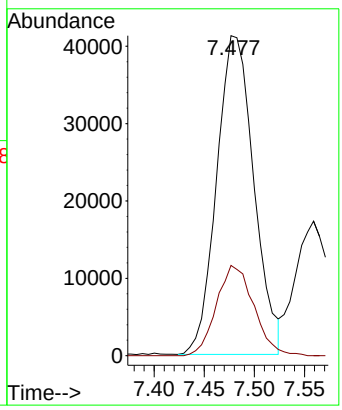
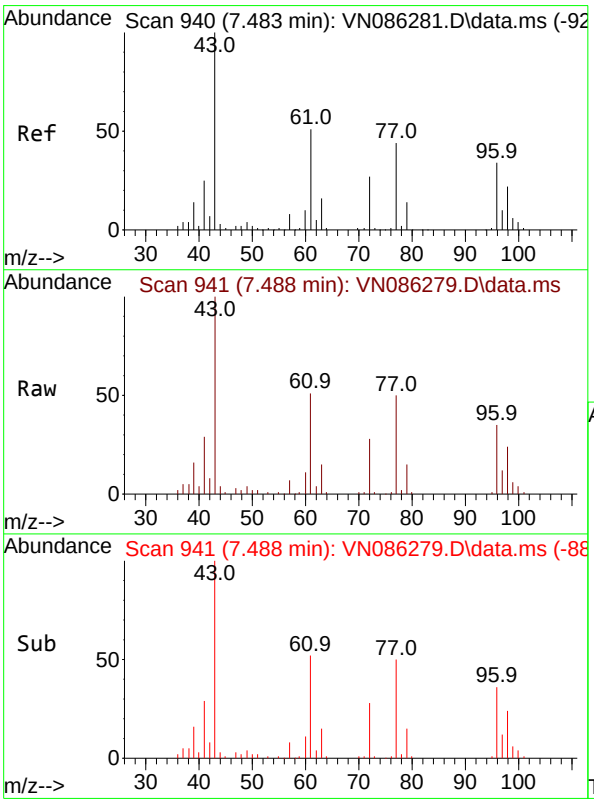
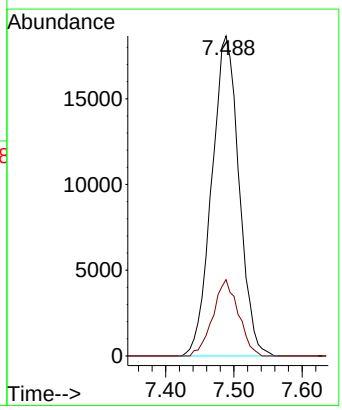


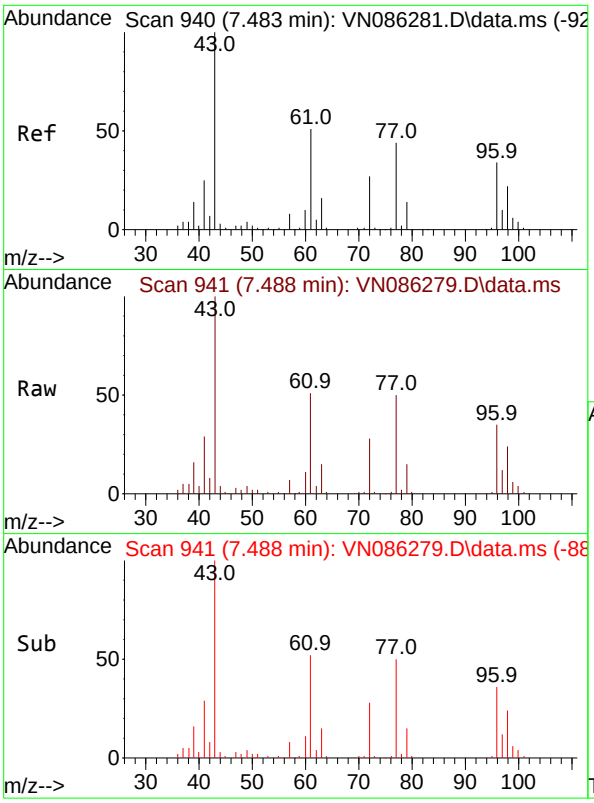


#26
2,2-Dichloropropane
Concen: 9.525 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 77 Resp: 51934

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.2	33.5





#27
cis-1,2-Dichloroethene
Concen: 9.084 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 96 Resp: 3518

Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	299.0
98	66.1	0.0	129.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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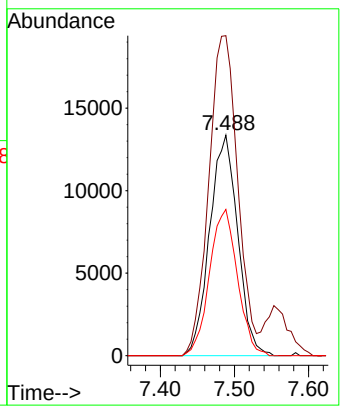
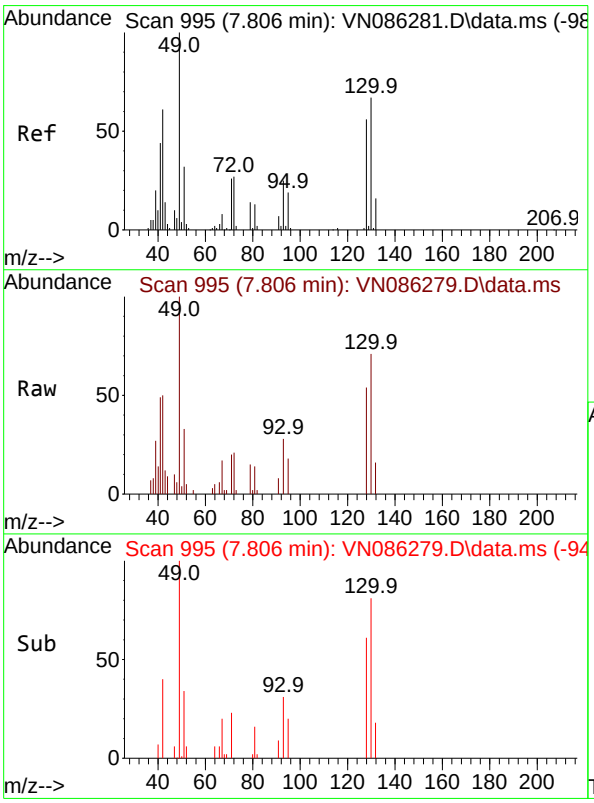
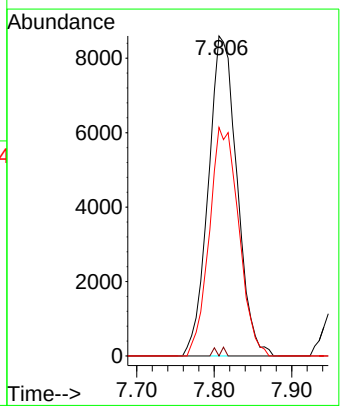


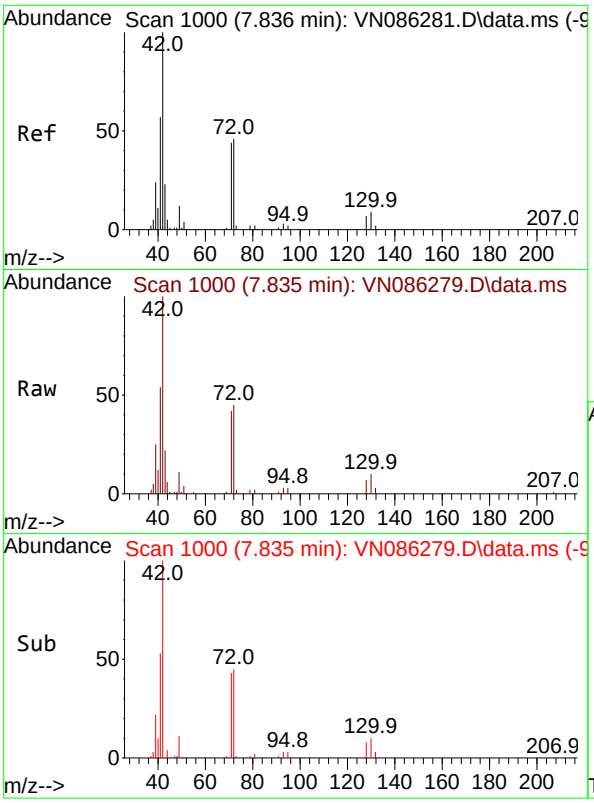


#28
Bromochloromethane
Concen: 8.557 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 49 Resp: 22094

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.4
130	73.4	57.1	85.7

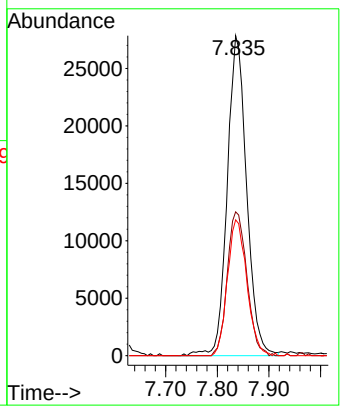




#29
Tetrahydrofuran
Concen: 47.462 ug/l
RT: 7.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 42 Resp: 7264

Ion	Ratio	Lower	Upper
42	100		
72	45.4	36.2	54.4
71	42.6	34.0	51.0



Instrument :
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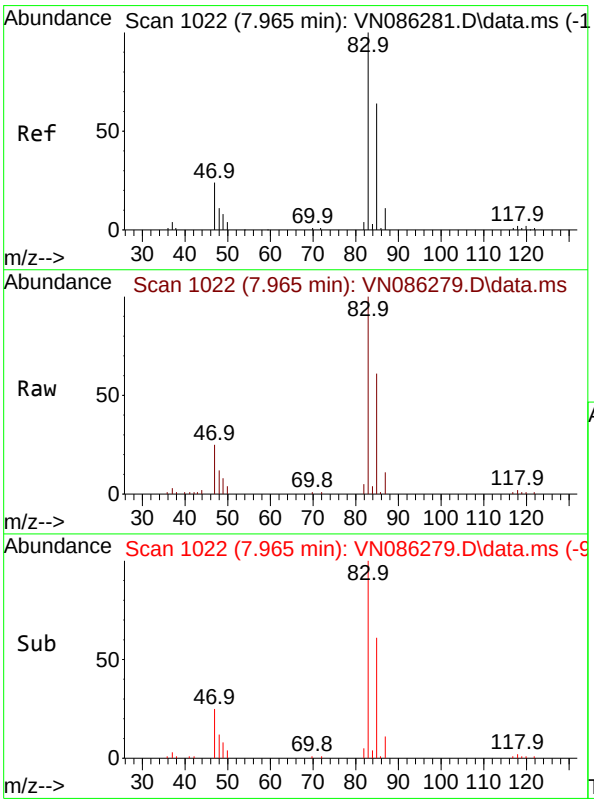
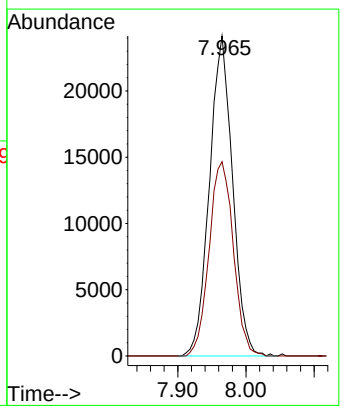
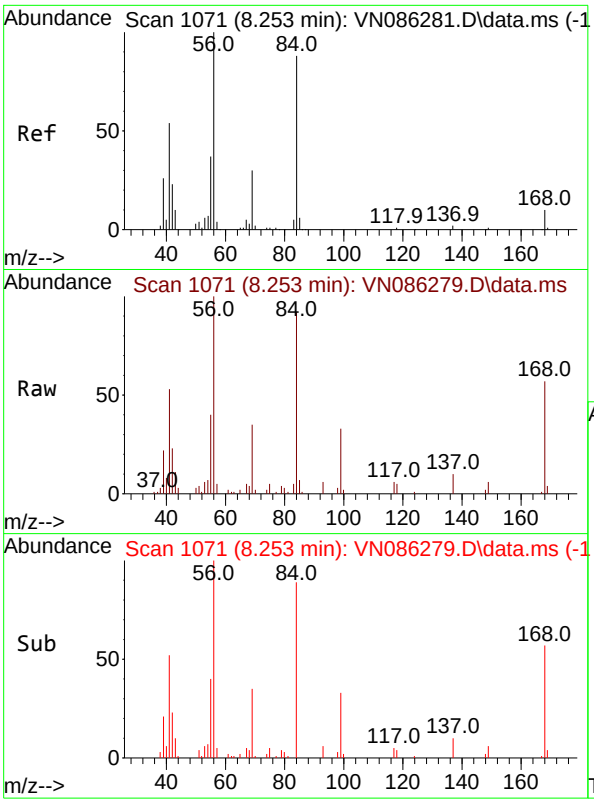


#30
Chloroform
Concen: 9.511 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 83 Resp: 56896

Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.5	77.3

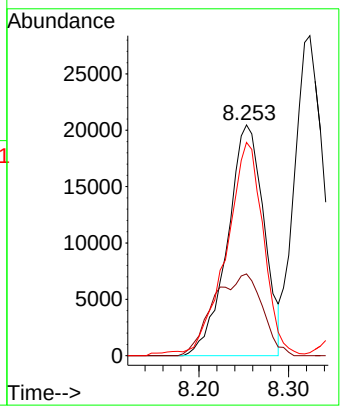




#31
Cyclohexane
Concen: 9.699 ug/l
RT: 8.253 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 56 Resp: 5779

Ion	Ratio	Lower	Upper
56	100		
69	35.4	24.2	36.2
84	90.6	70.3	105.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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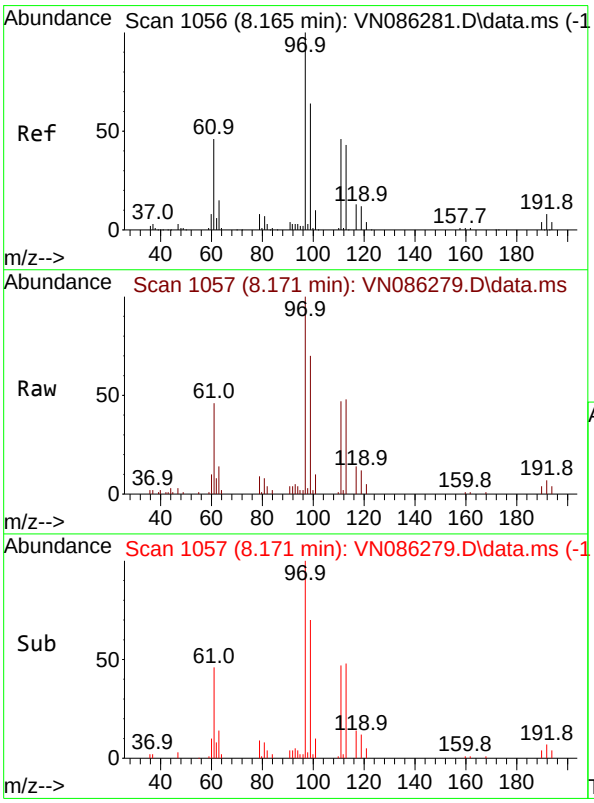
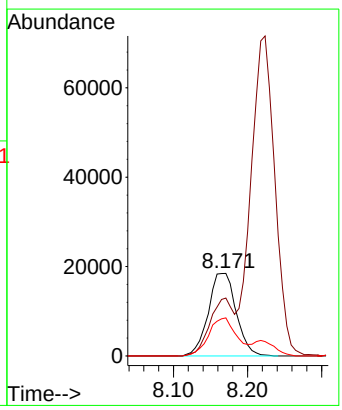
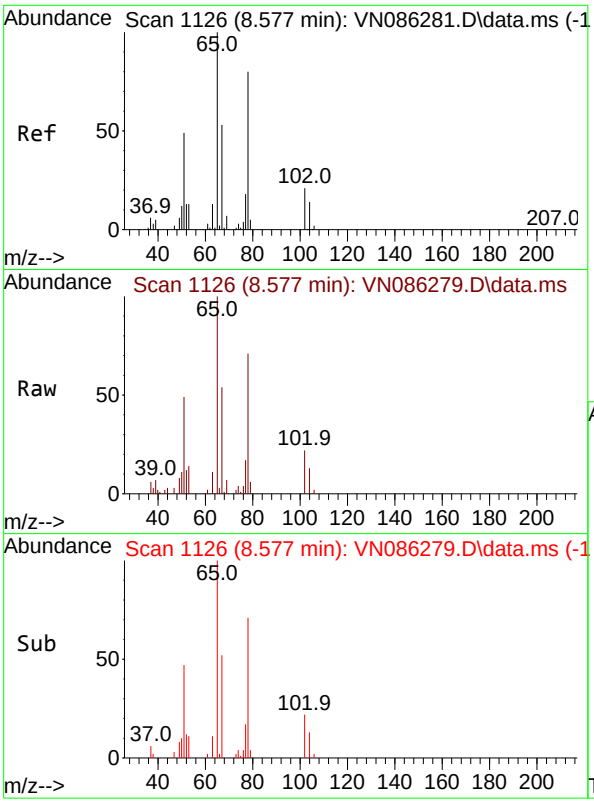


#32
1,1,1-Trichloroethane
Concen: 9.441 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 97 Resp: 48313

Ion	Ratio	Lower	Upper
97	100		
99	58.8	52.7	79.1
61	46.1	39.5	59.3

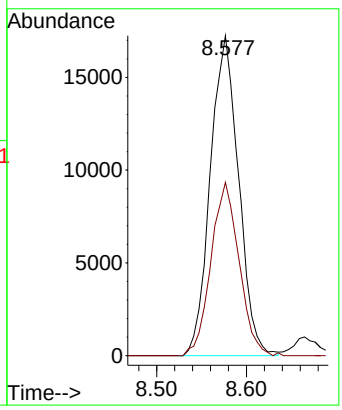




#33
1,2-Dichloroethane-d4
Concen: 10.272 ug/l
RT: 8.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 65 Resp: 3777

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.0



Instrument :
MSVOA_N
ClientSampleId :
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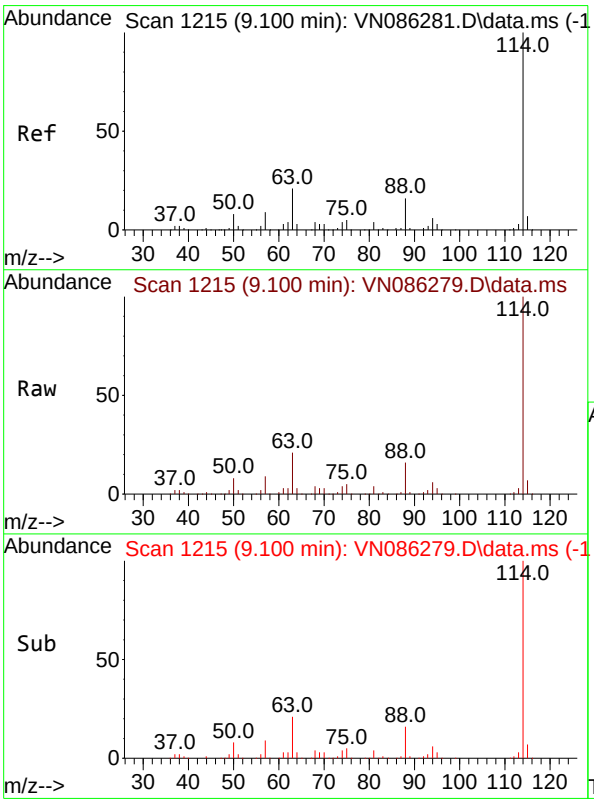
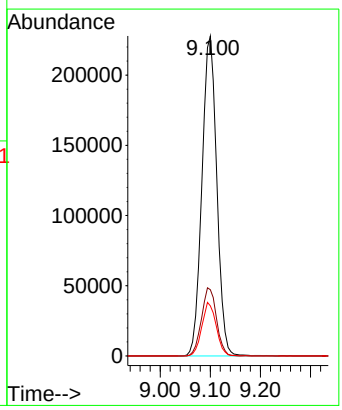
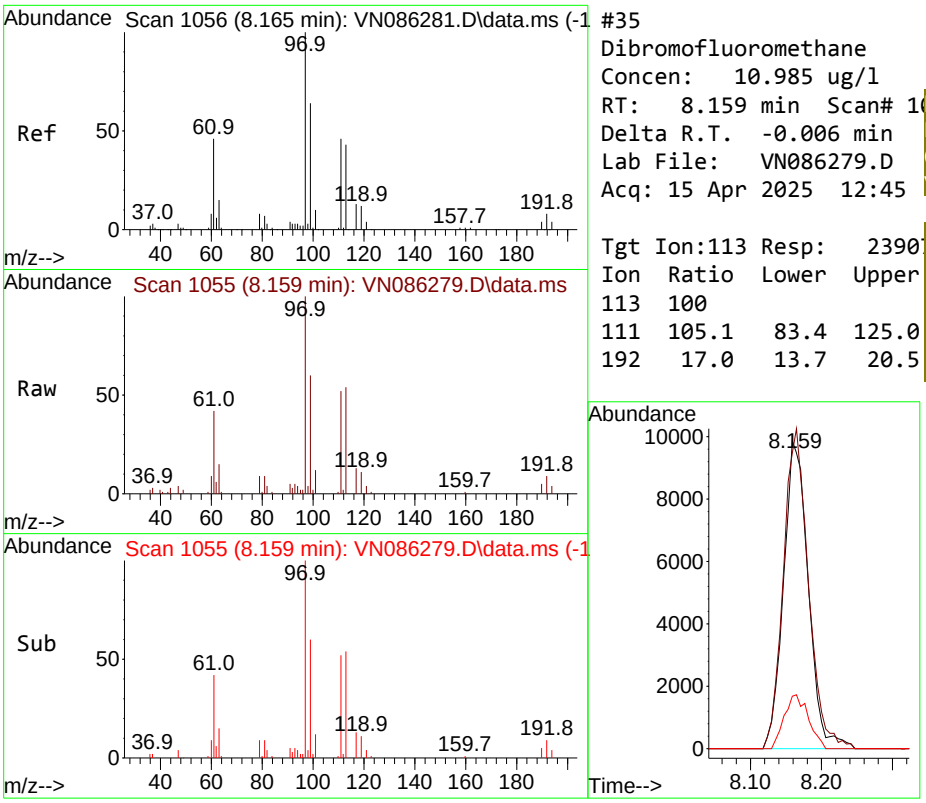


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:114 Resp: 468933

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.6
88	15.7	0.0	31.8





#35
Dibromofluoromethane
Concen: 10.985 ug/l
RT: 8.159 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:113 Resp: 2390

Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.4	125.0
192	17.0	13.7	20.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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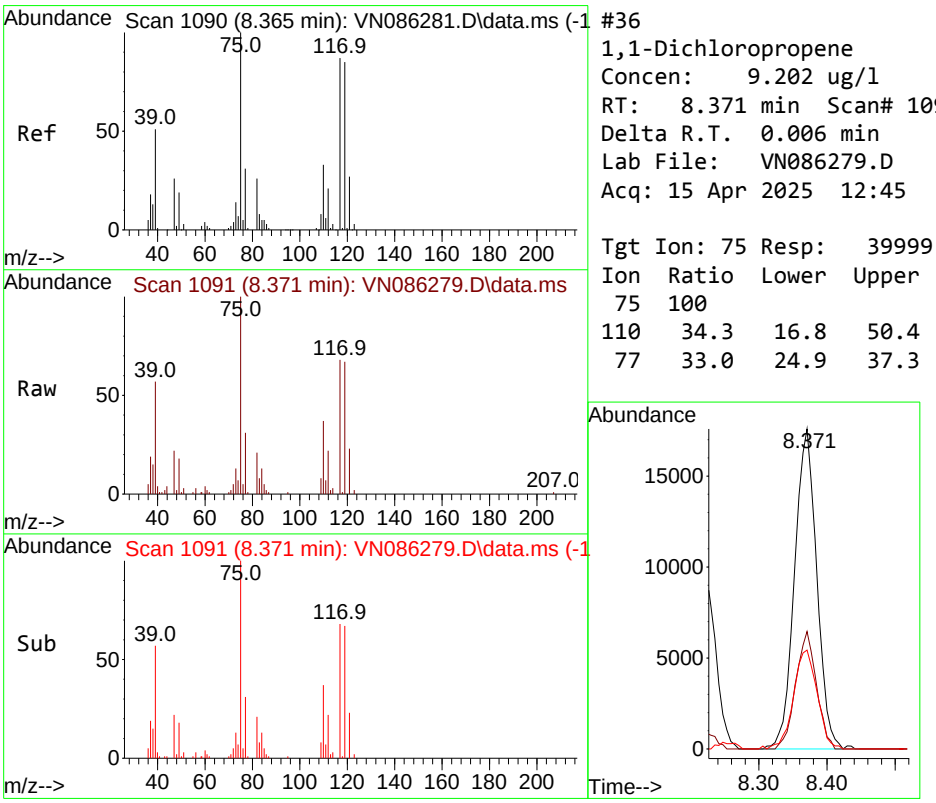
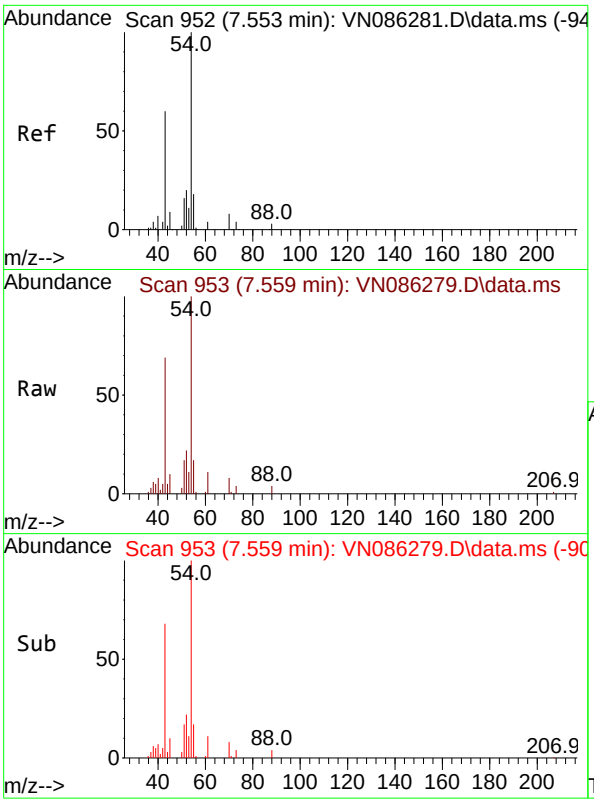


#36
1,1-Dichloropropene
Concen: 9.202 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 75 Resp: 39999

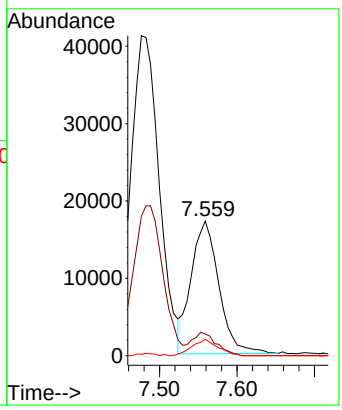
Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.8	50.4
77	33.0	24.9	37.3



#37
Ethyl Acetate
Concen: 9.385 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 4295

Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.1	16.7
70	11.3	9.2	13.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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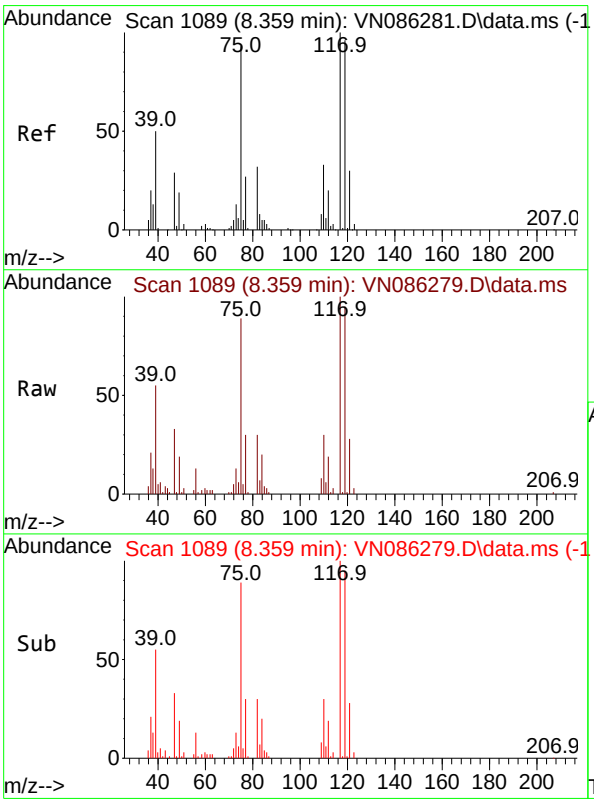
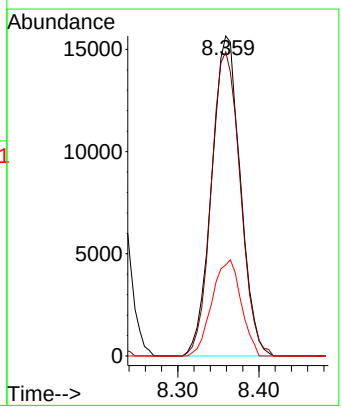
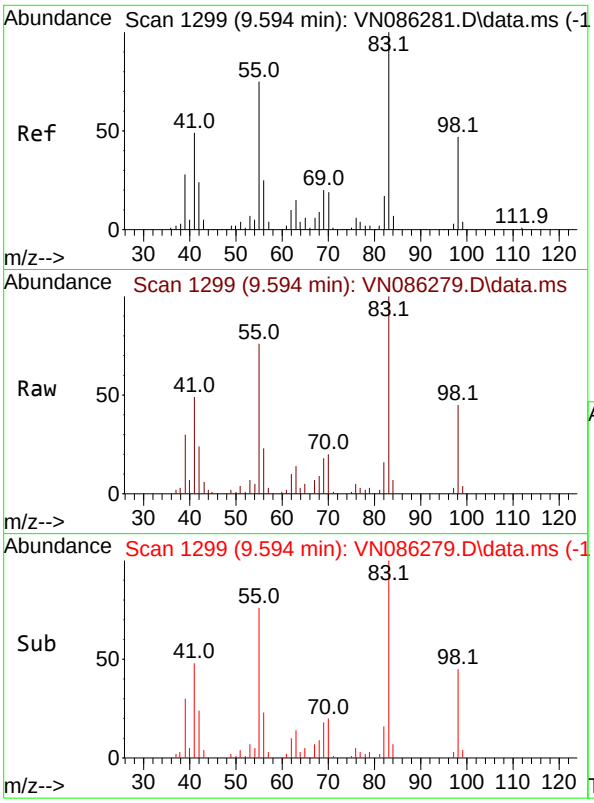


#38
Carbon Tetrachloride
Concen: 9.263 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:117 Resp: 38345

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.8	115.2
121	28.4	23.8	35.8





#39
Methylcyclohexane
Concen: 9.305 ug/l
RT: 9.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 83 Resp: 4807

Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.8	89.8
98	45.0	37.9	56.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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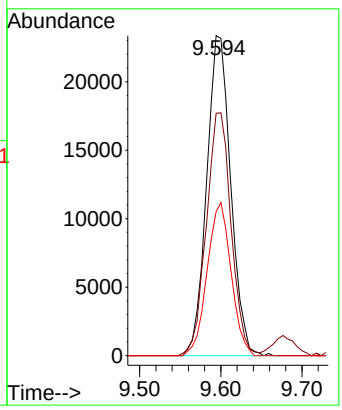
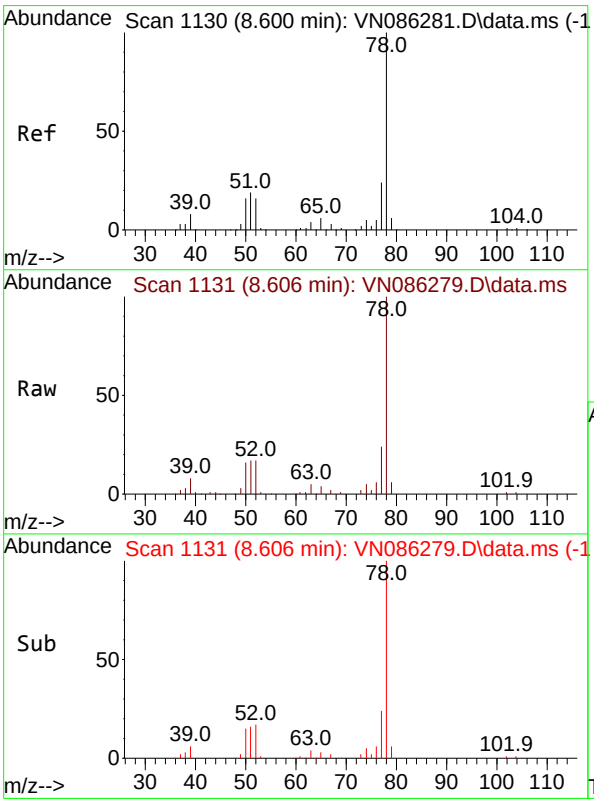
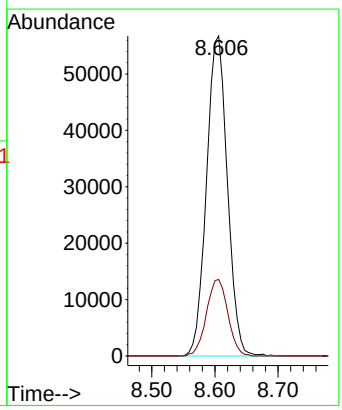


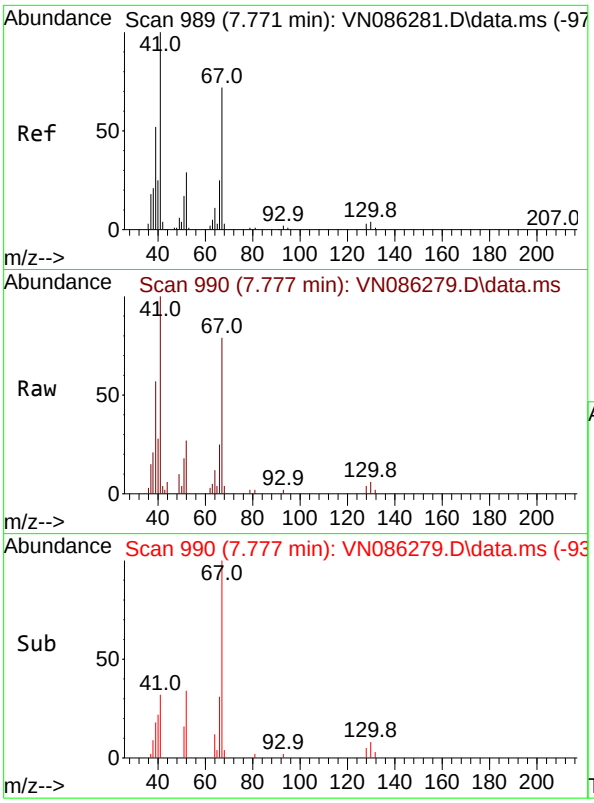


#40
Benzene
Concen: 9.352 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 78 Resp: 130256

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2

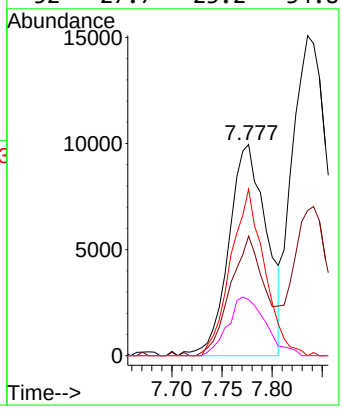




#41
Methacrylonitrile
Concen: 9.824 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 41 Resp: 2605

Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.0	64.4
67	70.7	58.8	88.2
52	27.7	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
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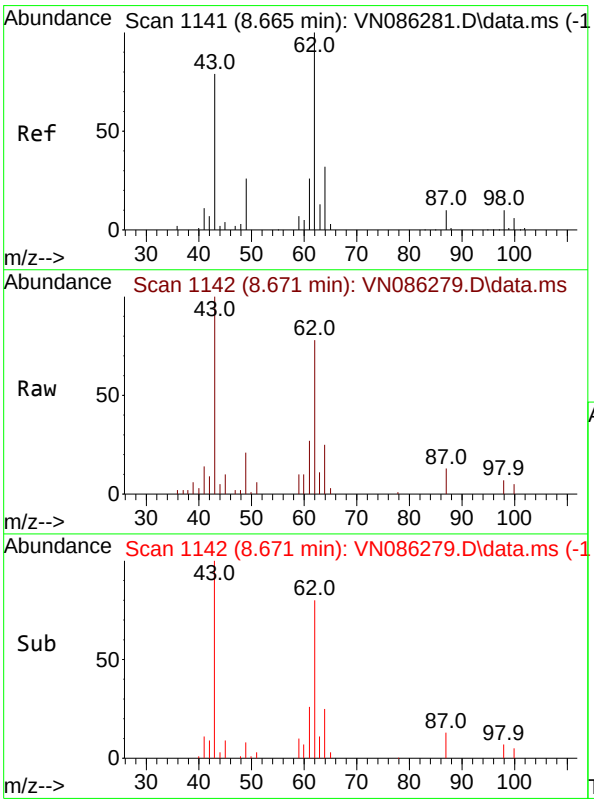
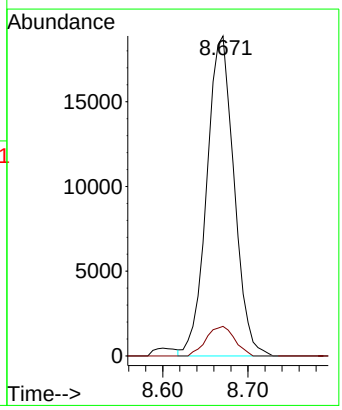
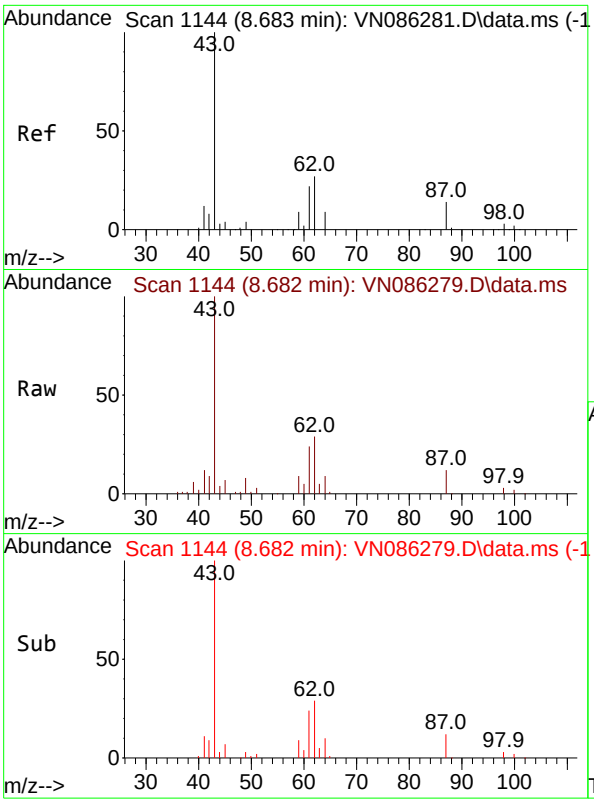


#42
1,2-Dichloroethane
Concen: 9.452 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 62 Resp: 41980

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2





#43
Isopropyl Acetate
Concen: 9.381 ug/l
RT: 8.682 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 9091

Ion	Ratio	Lower	Upper
43	100		
61	22.5	20.5	30.7
87	11.4	10.5	15.7

Instrument :
MSVOA_N
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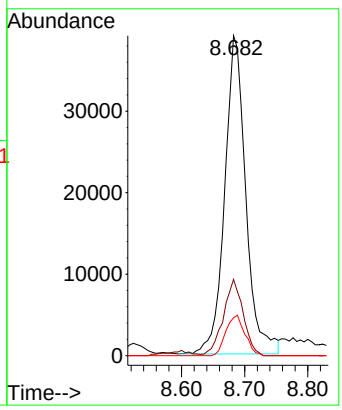
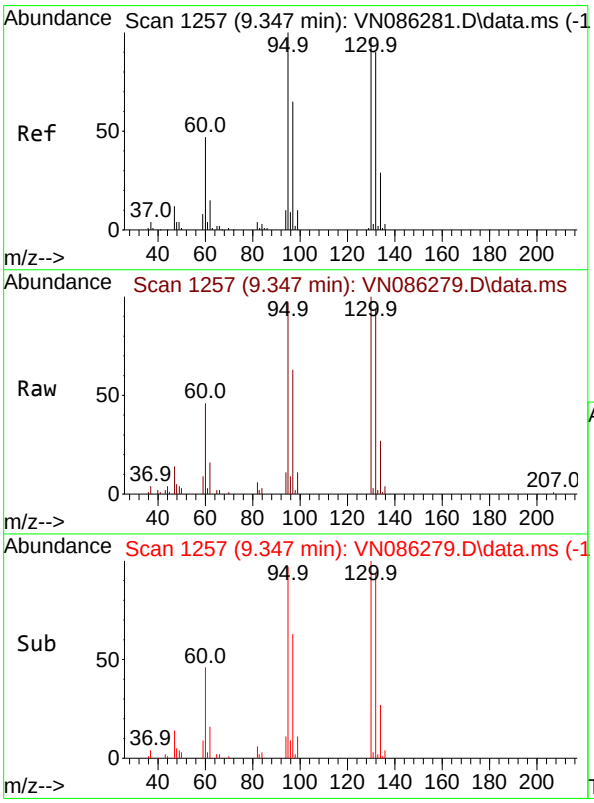
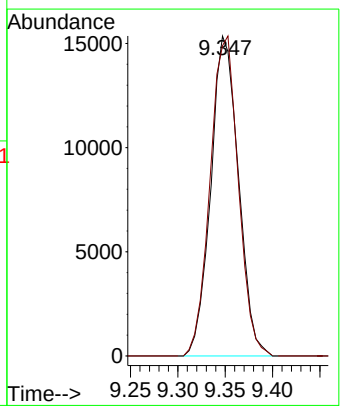


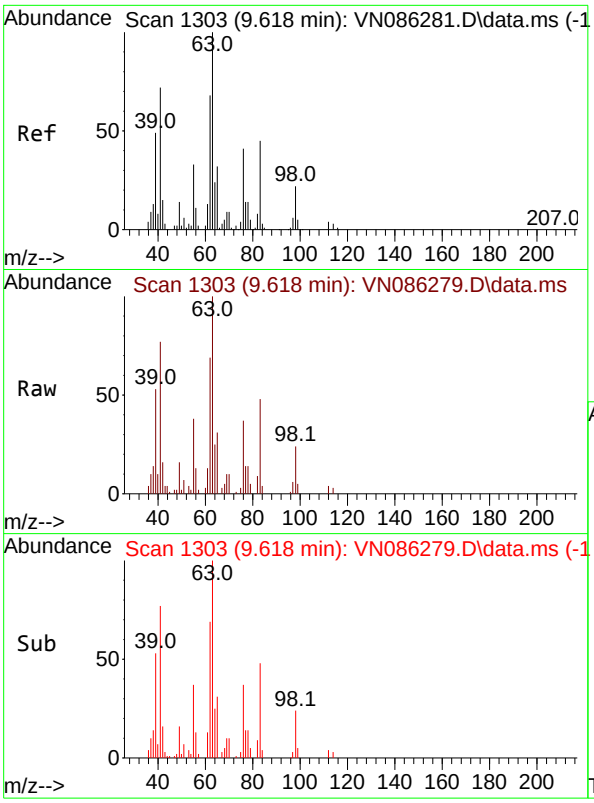


#44
Trichloroethene
Concen: 9.476 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:130 Resp: 31281

Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	207.2

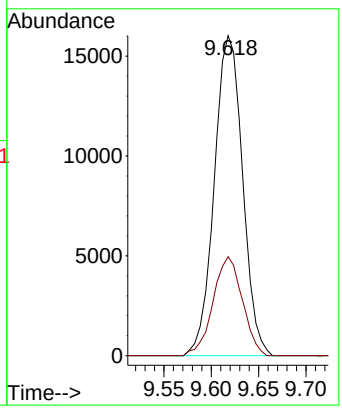




#45
1,2-Dichloropropane
Concen: 9.759 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 63 Resp: 3327

Ion	Ratio	Lower	Upper
63	100		
65	30.9	25.4	38.2



Instrument :
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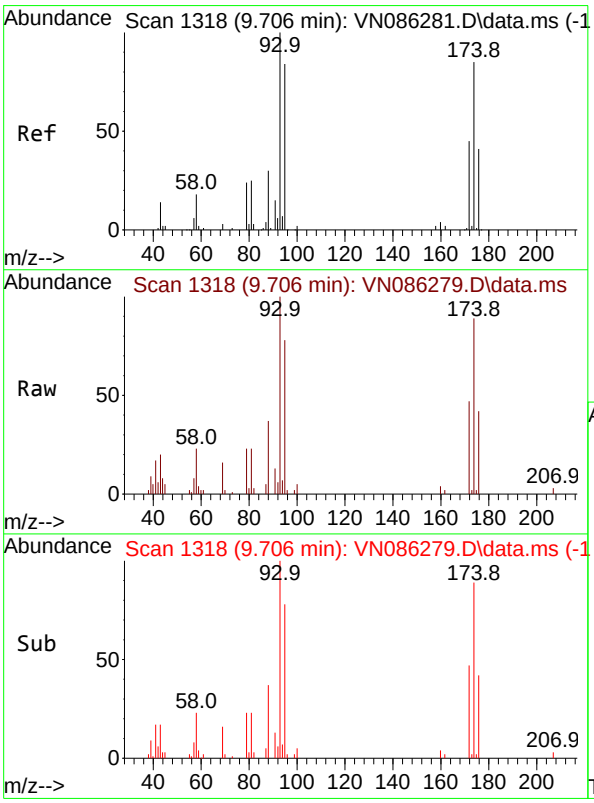
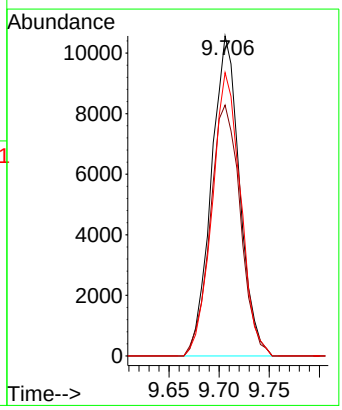
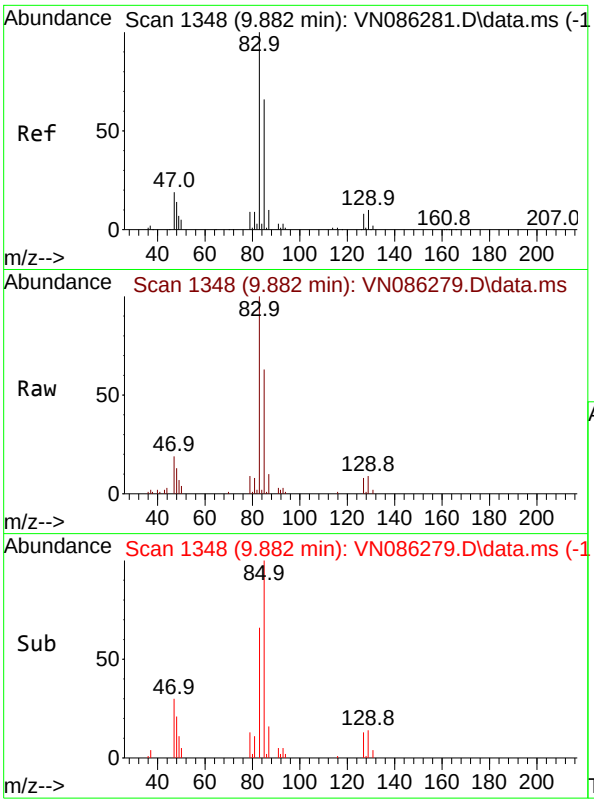


#46
Dibromomethane
Concen: 9.519 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 93 Resp: 20677

Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.2	99.4
174	89.0	67.8	101.6

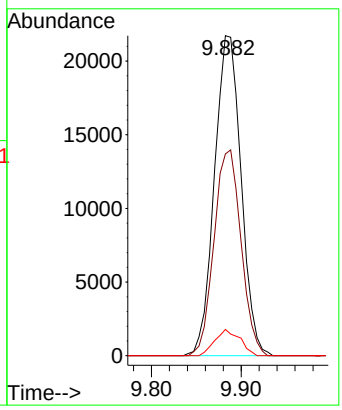




#47
Bromodichloromethane
Concen: 9.543 ug/l
RT: 9.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 83 Resp: 4477

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.6	78.8
127	8.2	6.1	9.1



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ClientSampleId :
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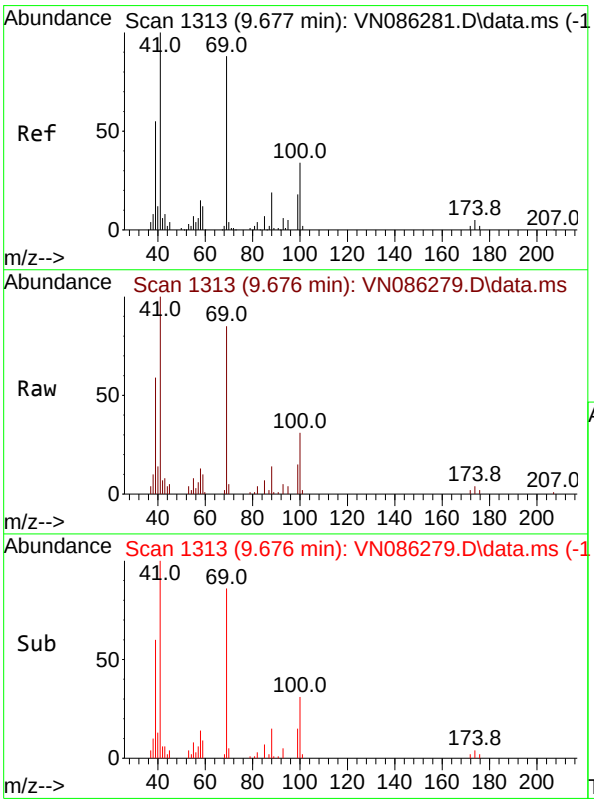
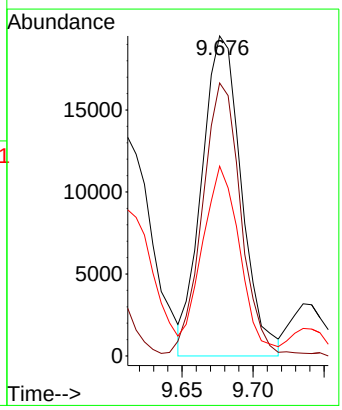
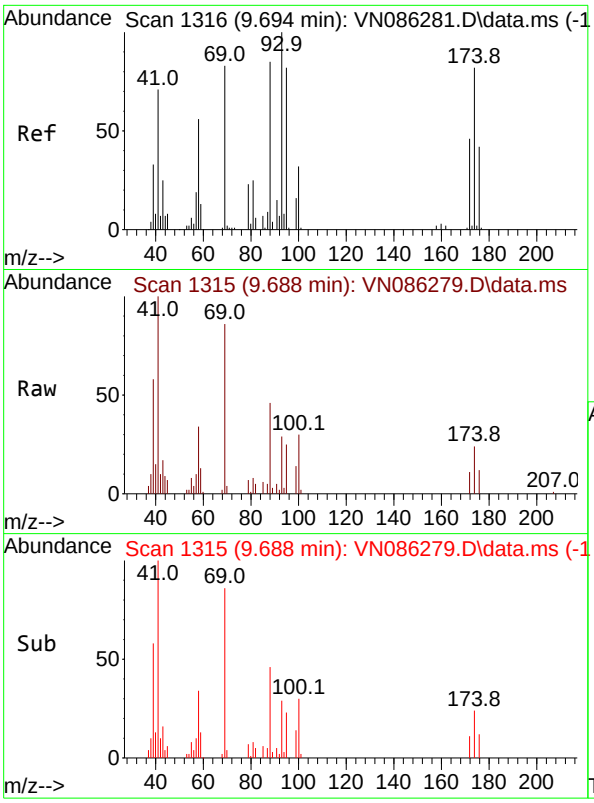


#48
Methyl methacrylate
Concen: 9.430 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 41 Resp: 37900

Ion	Ratio	Lower	Upper
41	100		
69	83.3	68.2	102.2
39	57.1	45.2	67.8





#49
1,4-Dioxane
Concen: 193.063 ug/l
RT: 9.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 88 Resp: 1319

Ion	Ratio	Lower	Upper
88	100		
43	29.4	23.8	35.8
58	73.0	57.4	86.2

Instrument :
MSVOA_N
ClientSampleId :
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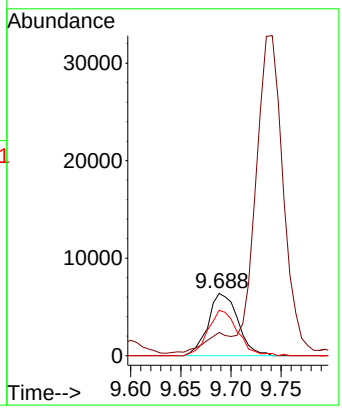
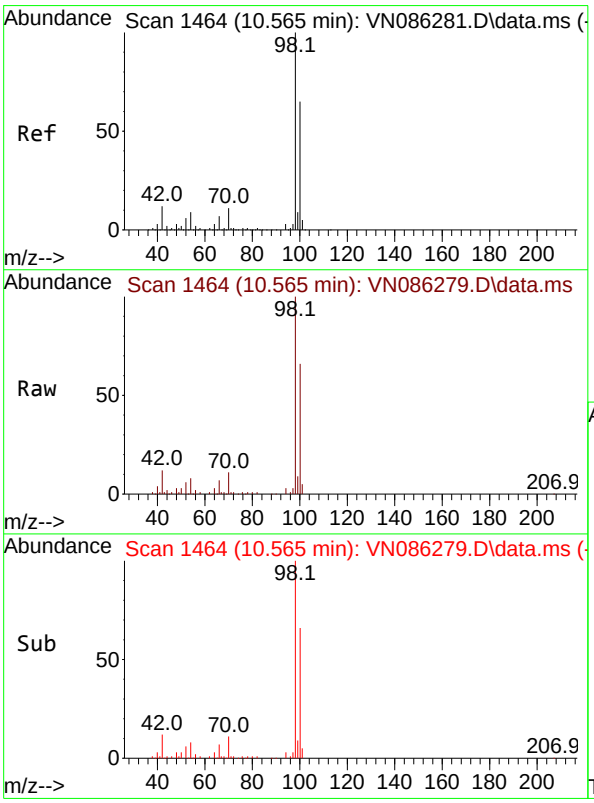
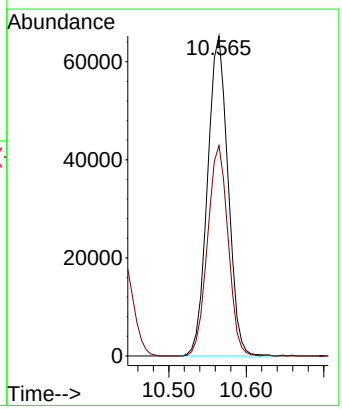


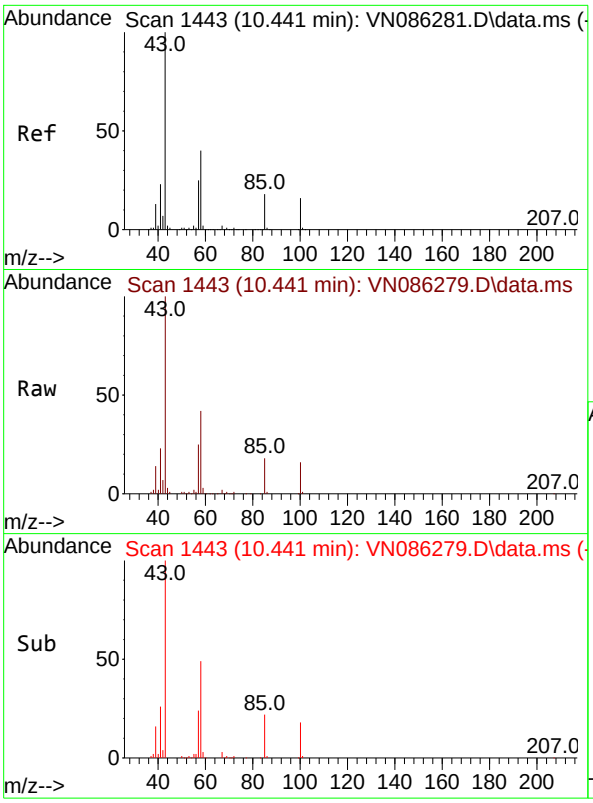


#50
Toluene-d8
Concen: 10.327 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 98 Resp: 120121

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 47.916 ug/l
RT: 10.441 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 22454

Ion	Ratio	Lower	Upper
43	100		
58	41.3	32.2	48.4

Instrument :
MSVOA_N
ClientSampleId :
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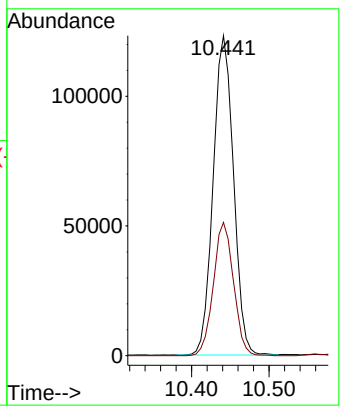
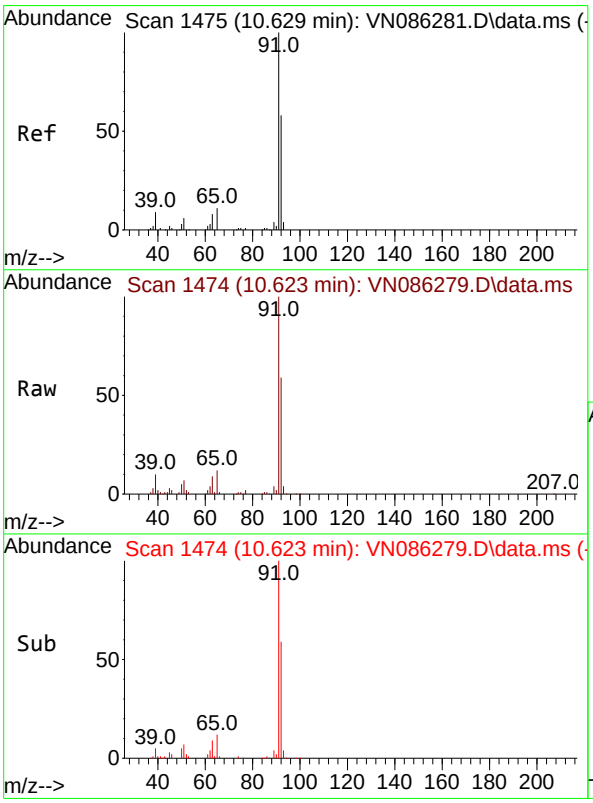
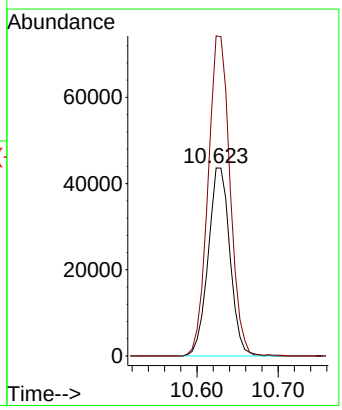


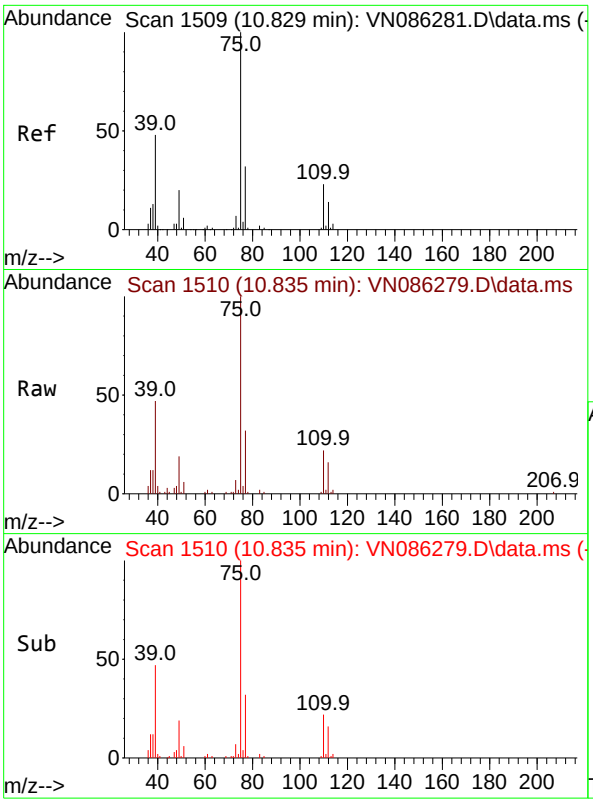


#52
Toluene
Concen: 9.330 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 92 Resp: 81084

Ion	Ratio	Lower	Upper
92	100		
91	172.3	137.3	205.9

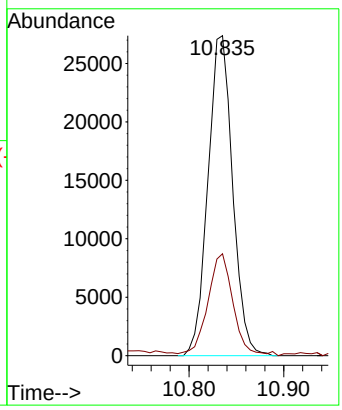




#53
t-1,3-Dichloropropene
Concen: 9.454 ug/l
RT: 10.835 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 75 Resp: 4951

Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0



Instrument :
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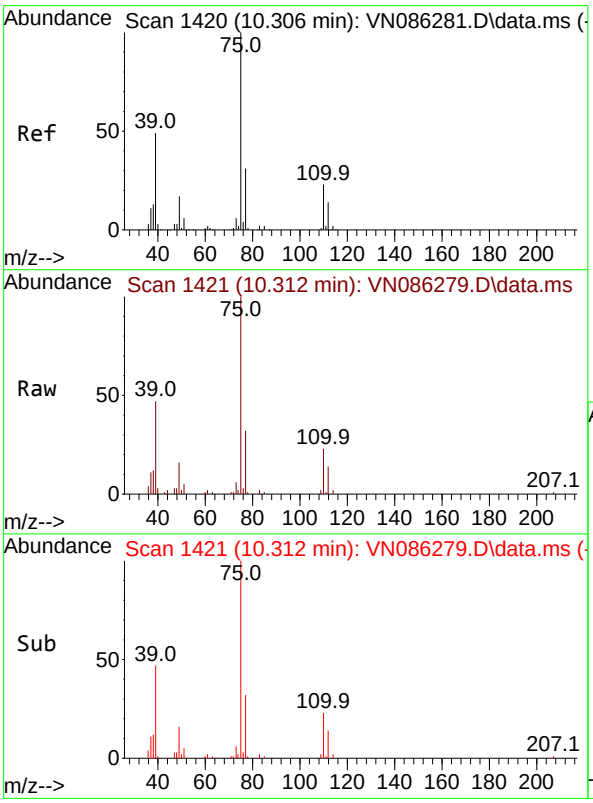
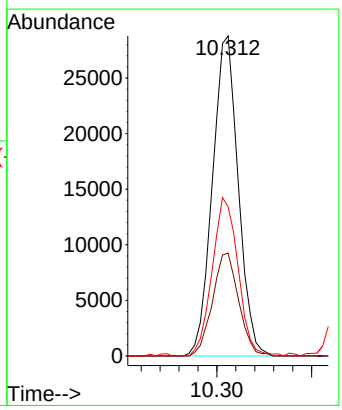
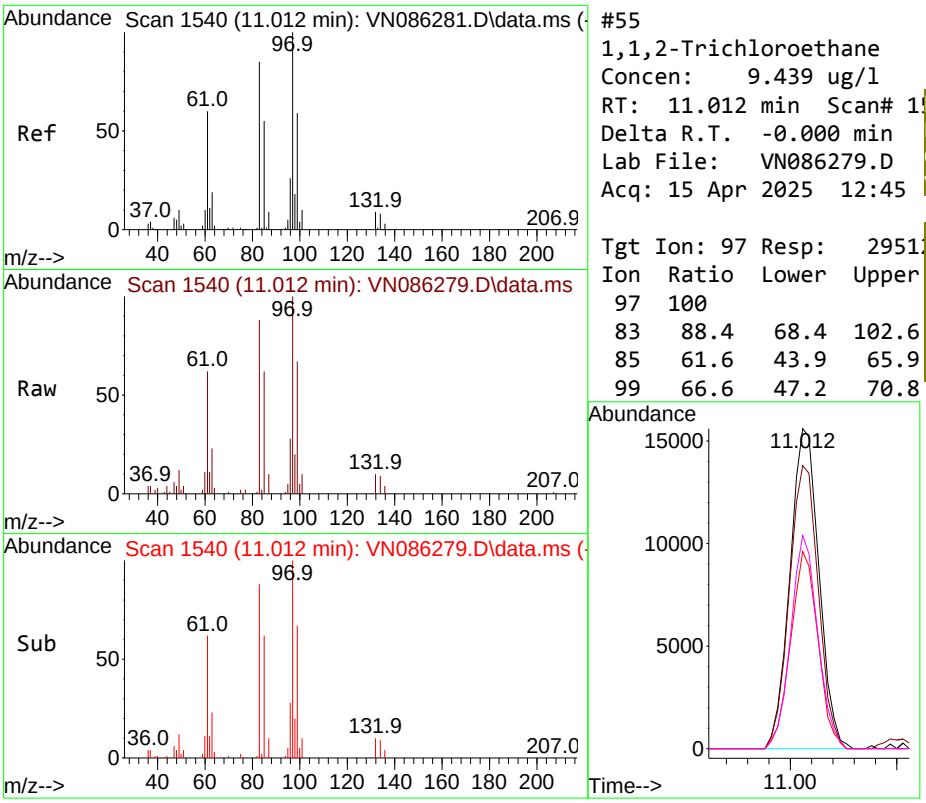


#54
cis-1,3-Dichloropropene
Concen: 9.459 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 75 Resp: 54411

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8
39	46.6	39.3	58.9





#55
1,1,2-Trichloroethane
Concen: 9.439 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 97 Resp: 2951

Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.4	102.6
85	61.6	43.9	65.9
99	66.6	47.2	70.8

Instrument :
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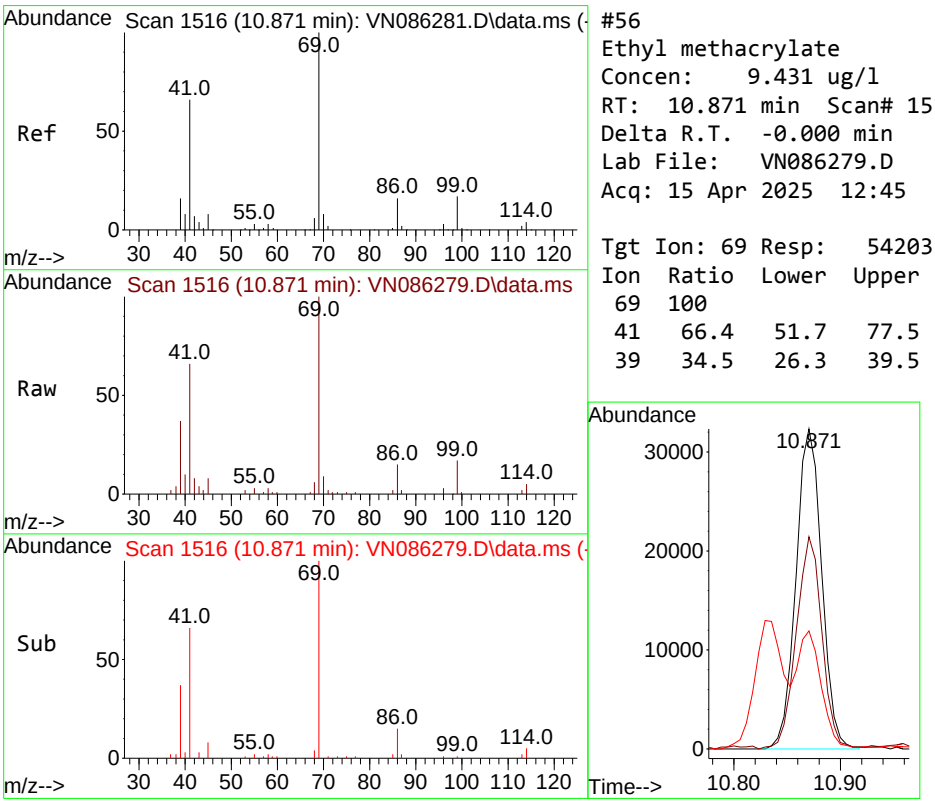
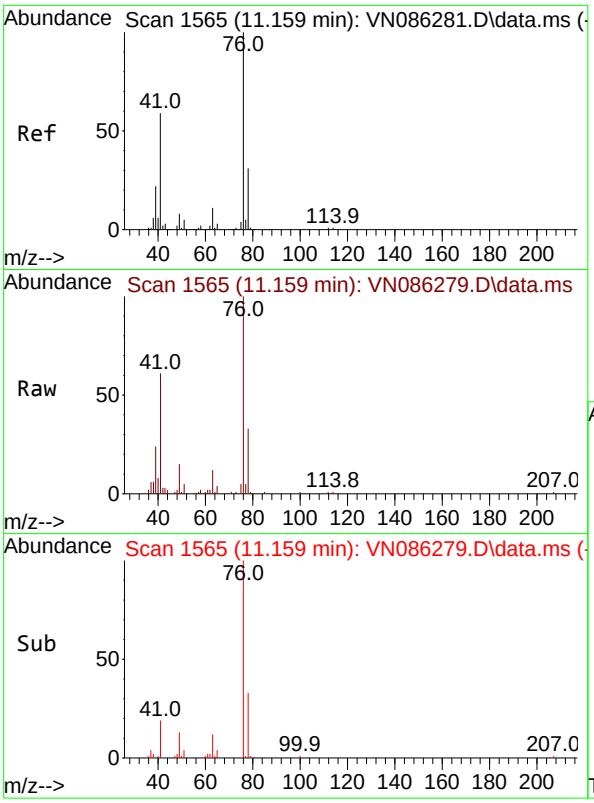


#56
Ethyl methacrylate
Concen: 9.431 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 69 Resp: 54203

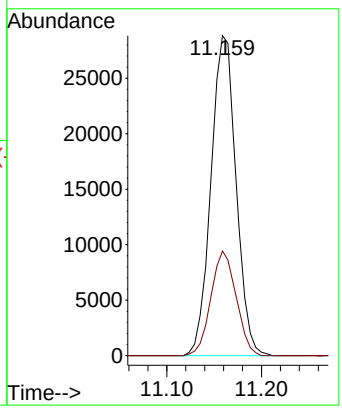
Ion	Ratio	Lower	Upper
69	100		
41	66.4	51.7	77.5
39	34.5	26.3	39.5



#57
1,3-Dichloropropane
Concen: 9.581 ug/l
RT: 11.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 76 Resp: 5315

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
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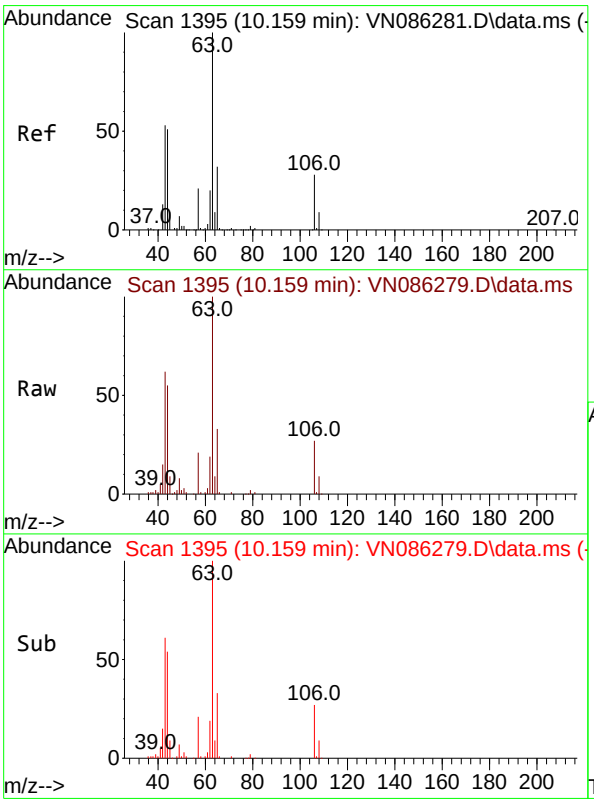
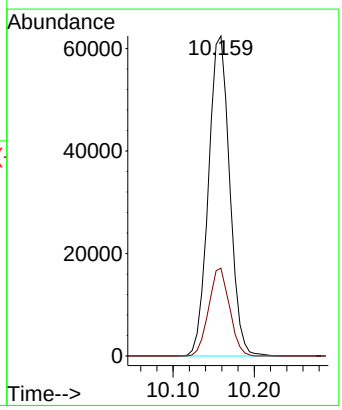
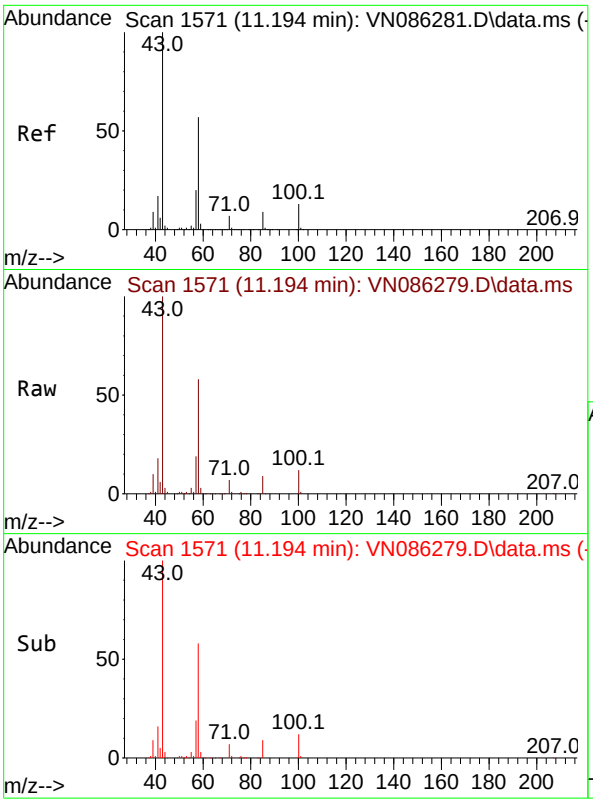


#58
2-Chloroethyl Vinyl ether
Concen: 41.526 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 63 Resp: 113279

Ion	Ratio	Lower	Upper
63	100		
106	26.9	22.2	33.2





#59
2-Hexanone
Concen: 47.941 ug/l
RT: 11.194 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 16664

Ion	Ratio	Lower	Upper
43	100		
58	56.8	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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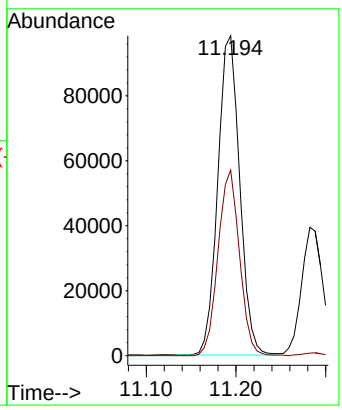
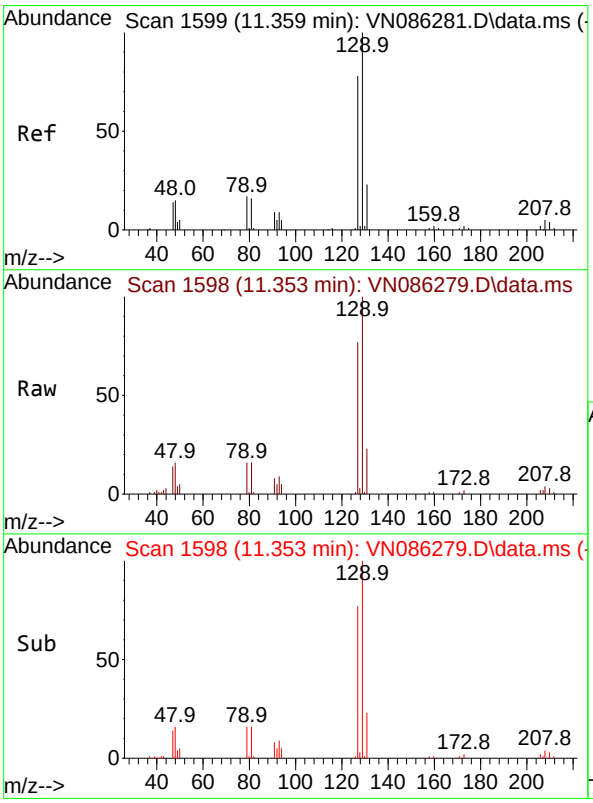
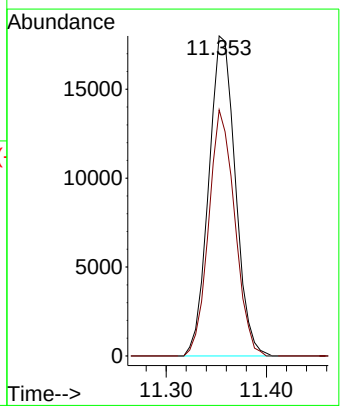


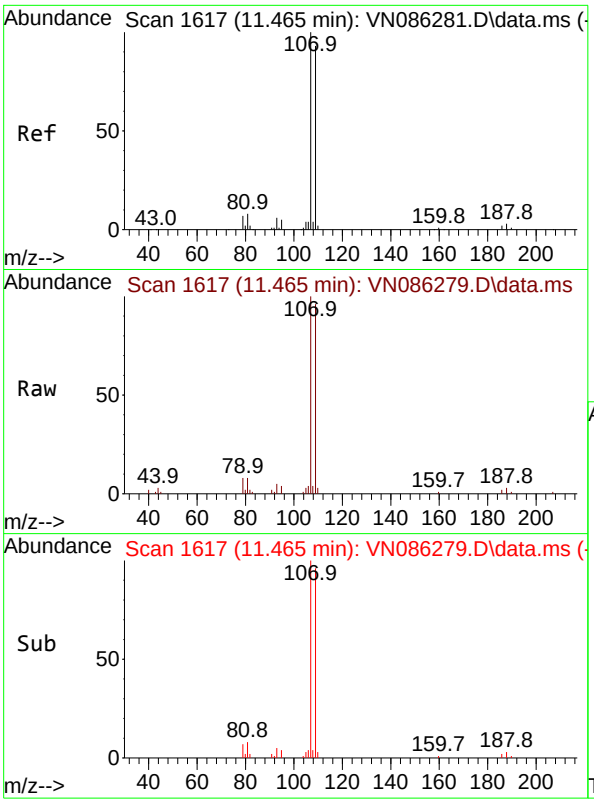


#60
Dibromochloromethane
Concen: 9.668 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:129 Resp: 33195

Ion	Ratio	Lower	Upper
129	100		
127	75.2	38.7	116.1

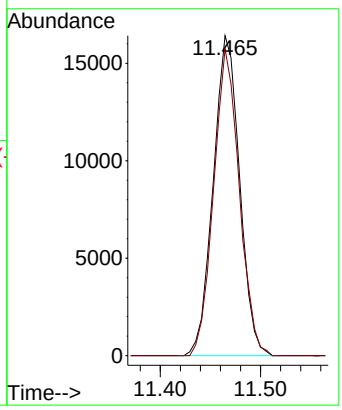




#61
1,2-Dibromoethane
Concen: 9.473 ug/l
RT: 11.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:107 Resp: 2988

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.4	113.0



Instrument :
MSVOA_N
ClientSampleId :
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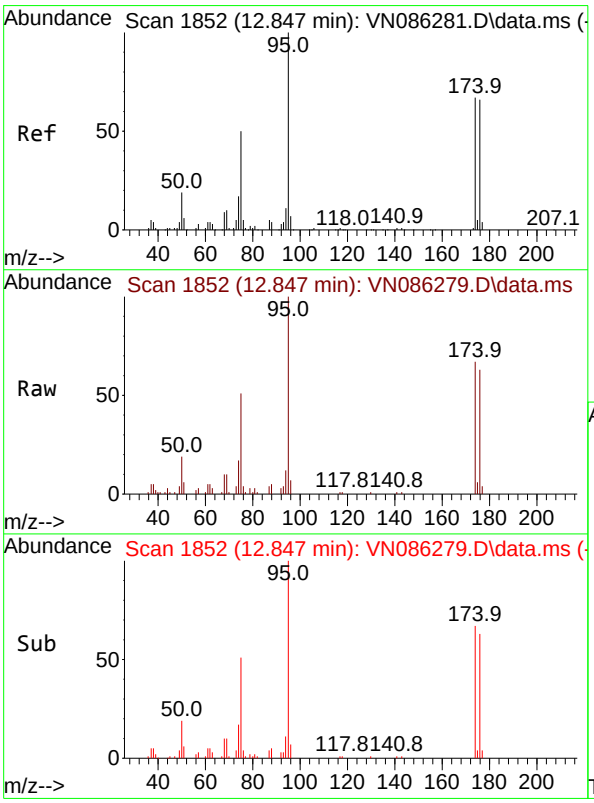
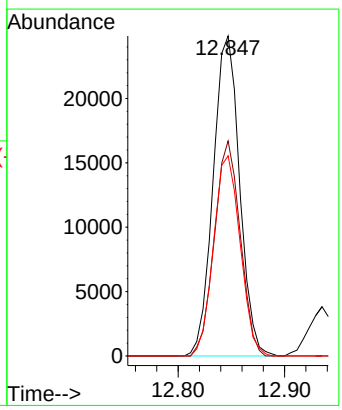
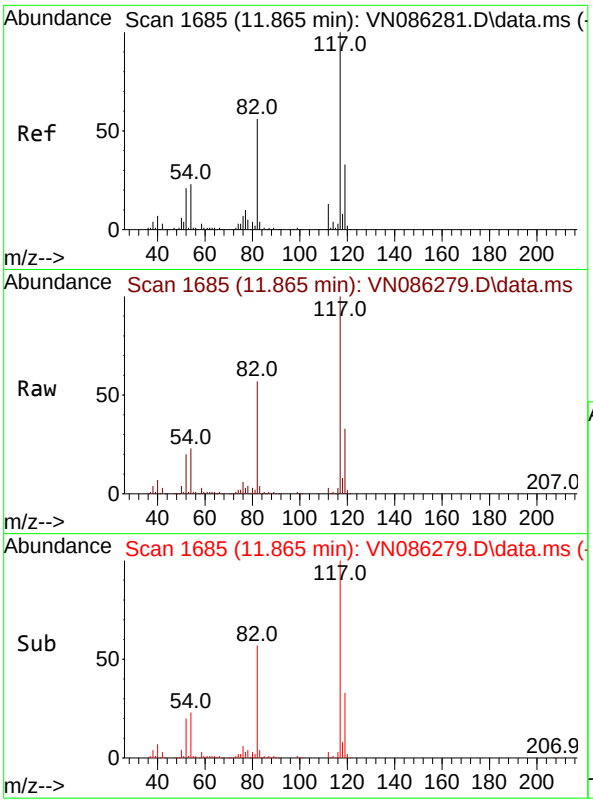


#62
4-Bromofluorobenzene
Concen: 10.086 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 95 Resp: 42791

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	133.4
176	63.0	0.0	129.2

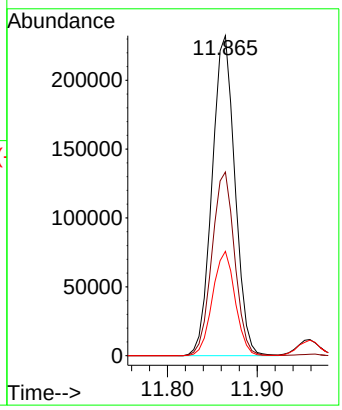




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:117 Resp: 41100

Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.7	67.1
119	32.6	26.4	39.6



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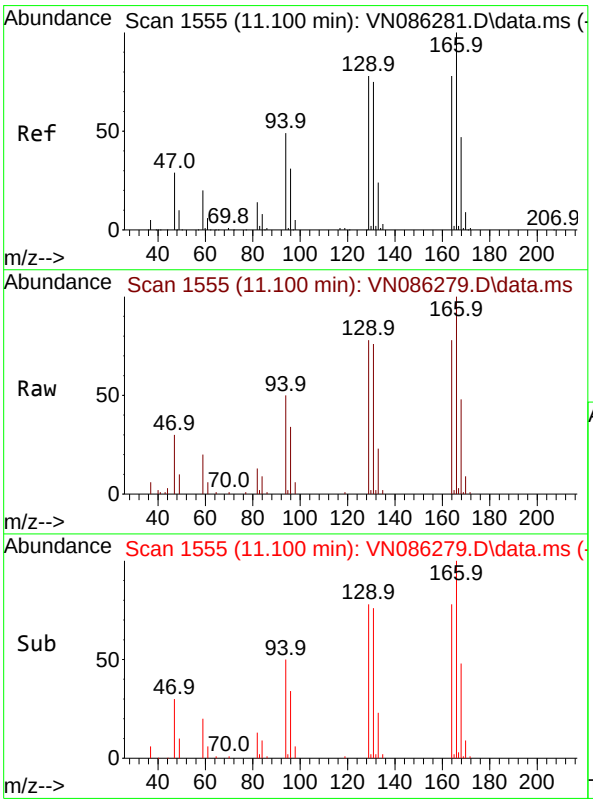
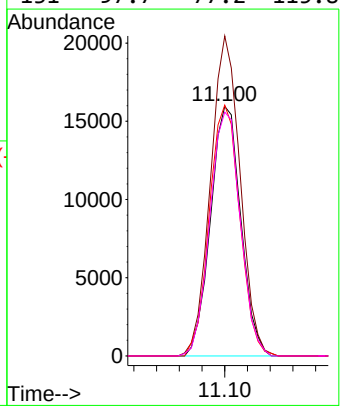
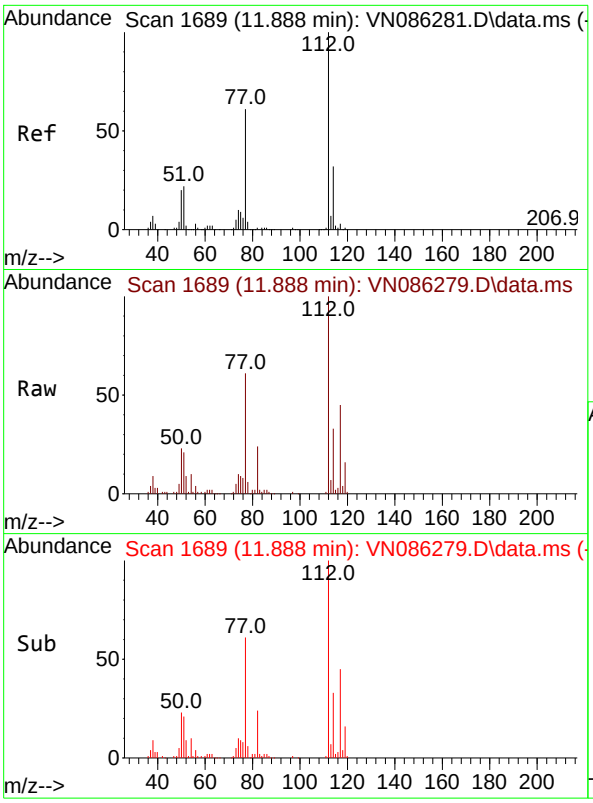


#64
Tetrachloroethene
Concen: 9.321 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:164 Resp: 29467

Ion	Ratio	Lower	Upper
164	100		
166	128.2	103.0	154.4
129	100.5	80.1	120.1
131	97.7	77.2	115.8

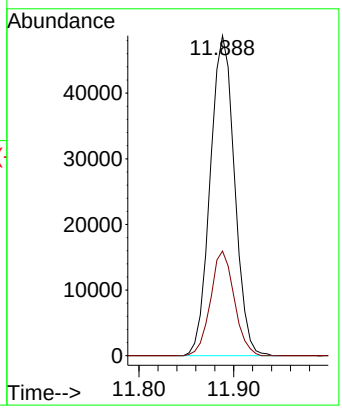




#65
Chlorobenzene
Concen: 9.485 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:112 Resp: 8699

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.4	38.0



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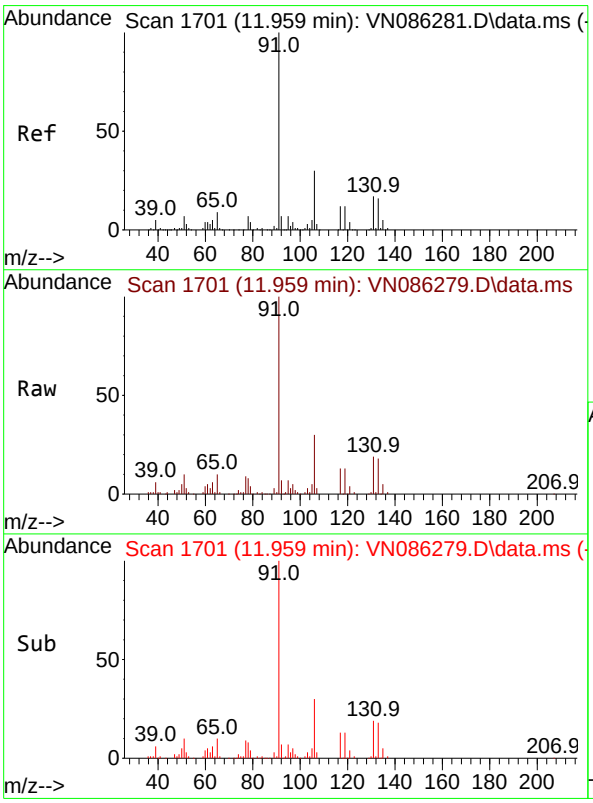
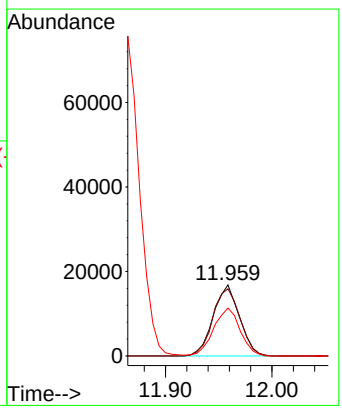
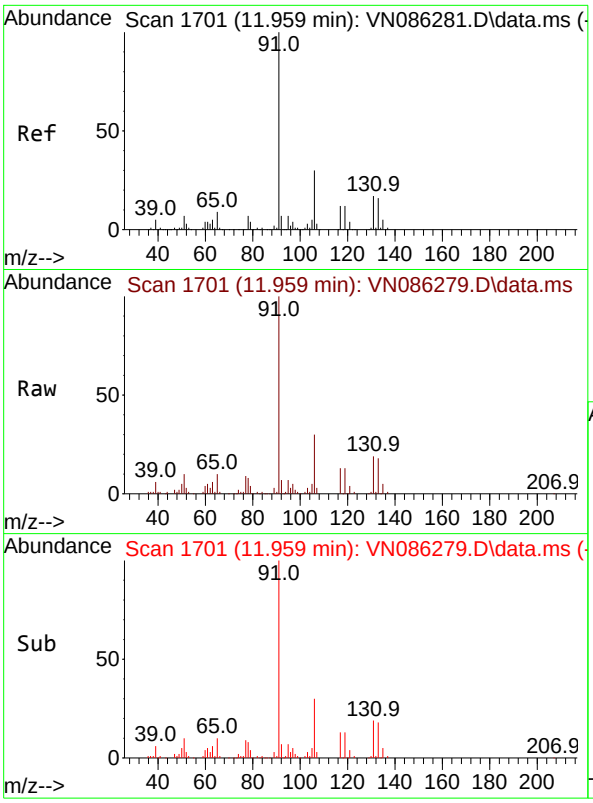


#66
1,1,1,2-Tetrachloroethane
Concen: 9.471 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:131 Resp: 28657

Ion	Ratio	Lower	Upper
131	100		
133	99.0	47.1	141.3
119	68.3	33.8	101.4

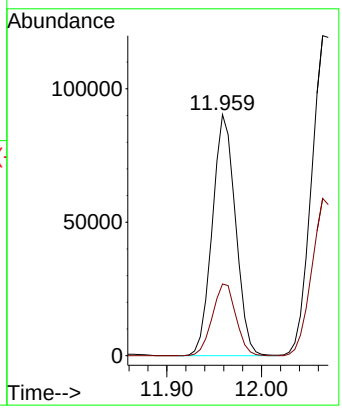




#67
Ethyl Benzene
Concen: 9.300 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 91 Resp: 15392

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.3	36.5



Instrument :
MSVOA_N
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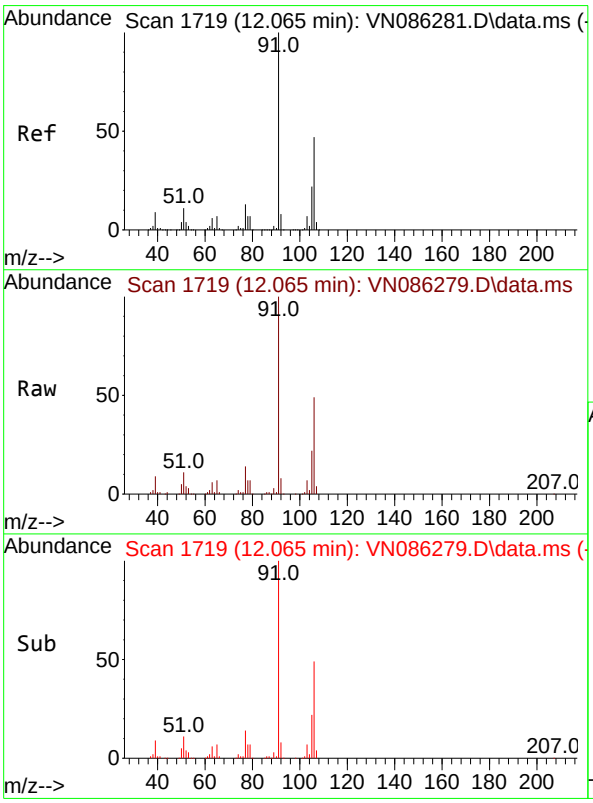
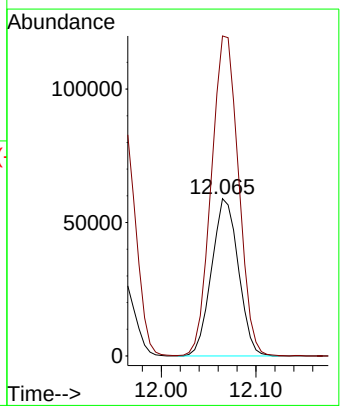
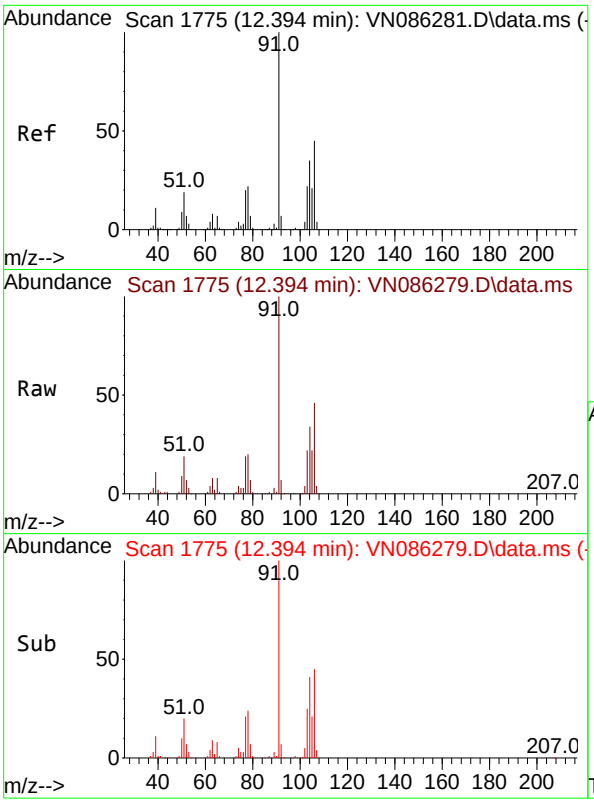


#68
m/p-Xylenes
Concen: 18.692 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:106 Resp: 115926

Ion	Ratio	Lower	Upper
106	100		
91	206.8	166.5	249.7

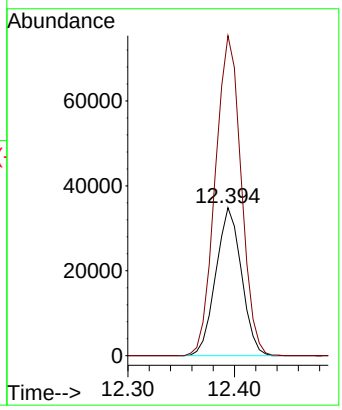




#69
o-Xylene
Concen: 9.508 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:106 Resp: 5831

Ion	Ratio	Lower	Upper
106	100		
91	218.3	109.7	329.0



Instrument :
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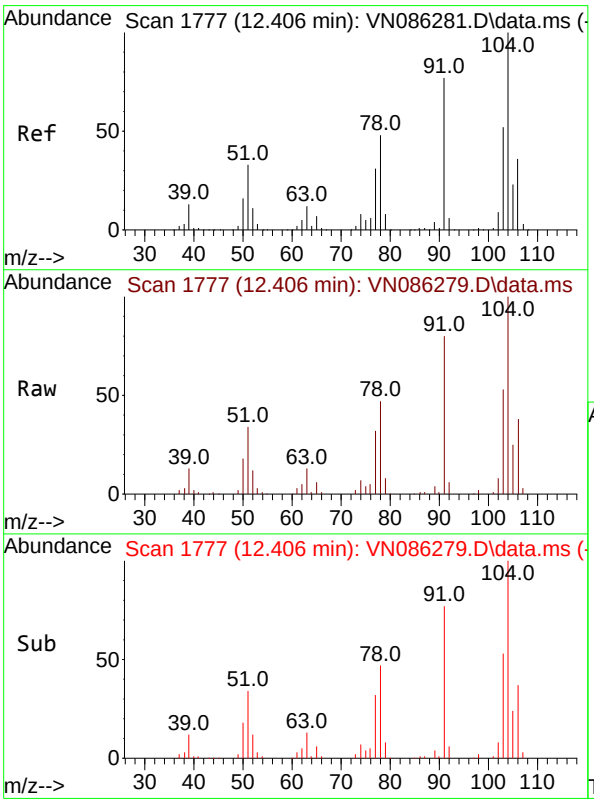
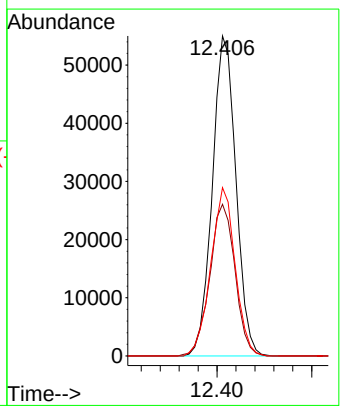
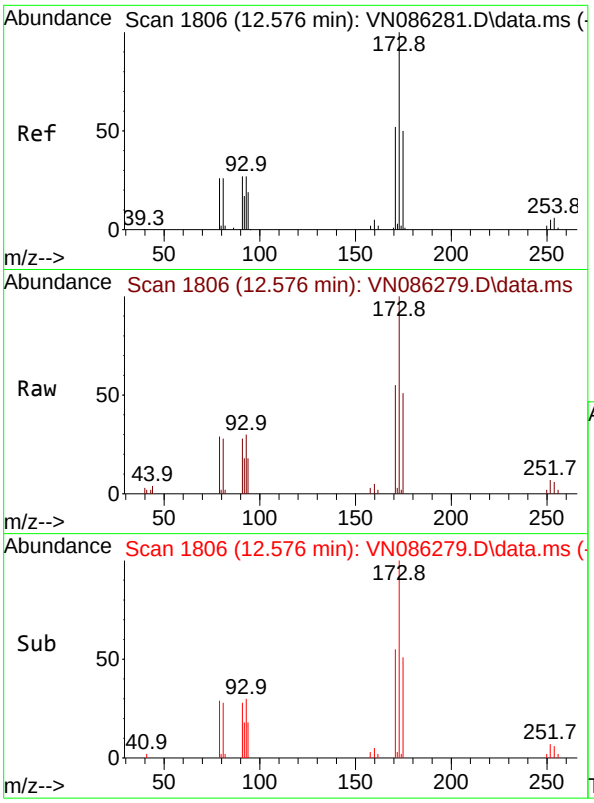


#70
Styrene
Concen: 9.301 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:104 Resp: 95045

Ion	Ratio	Lower	Upper
104	100		
78	50.8	40.6	61.0
103	54.2	43.6	65.4

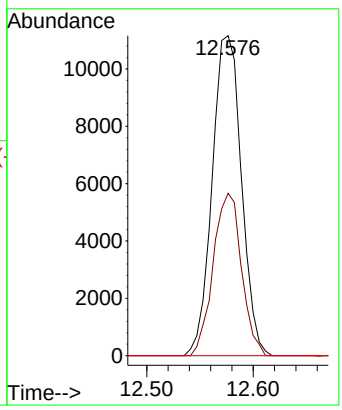




#71
Bromoform
Concen: 9.323 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:173 Resp: 2124

Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
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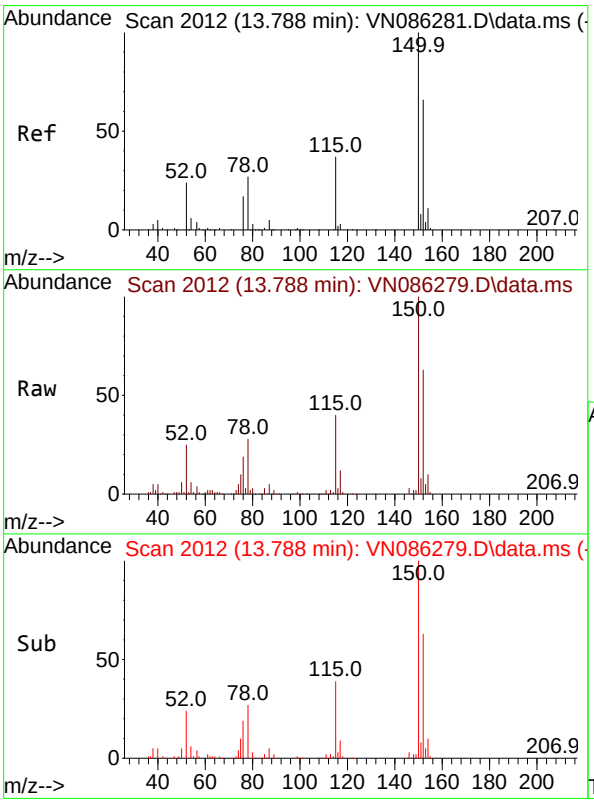
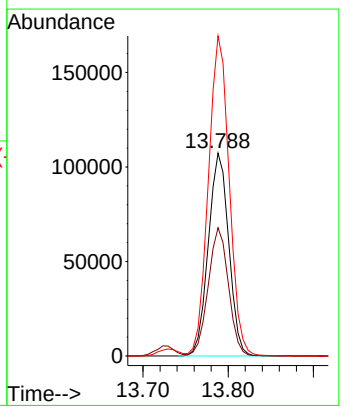
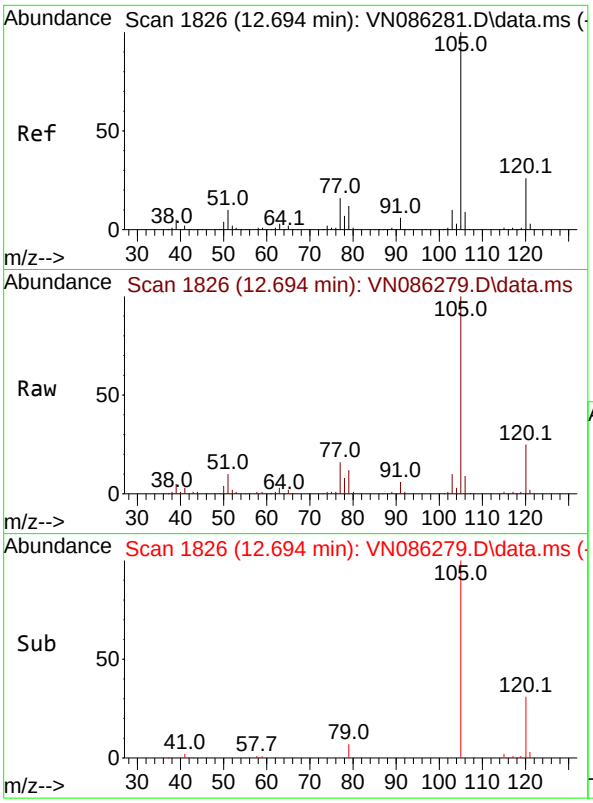


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:152 Resp: 178484

Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.9	95.9
150	160.9	0.0	352.0





#73
Isopropylbenzene
Concen: 9.757 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:105 Resp: 14246

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3

Instrument :
MSVOA_N
ClientSampleId :
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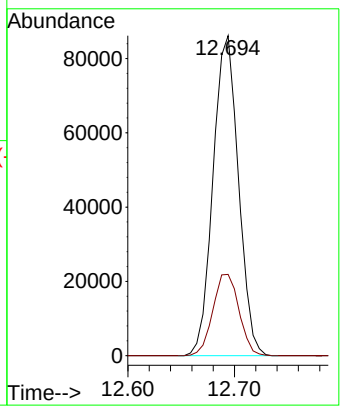
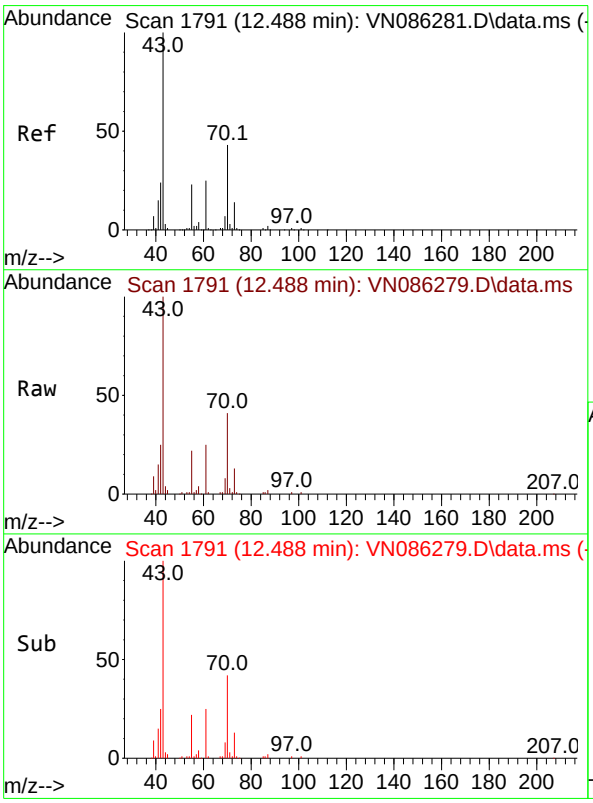
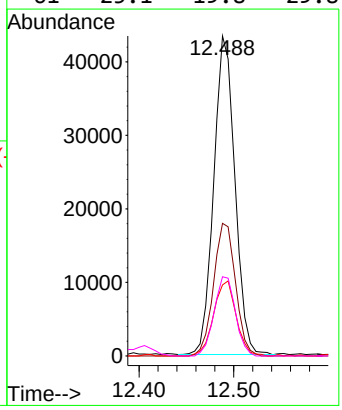


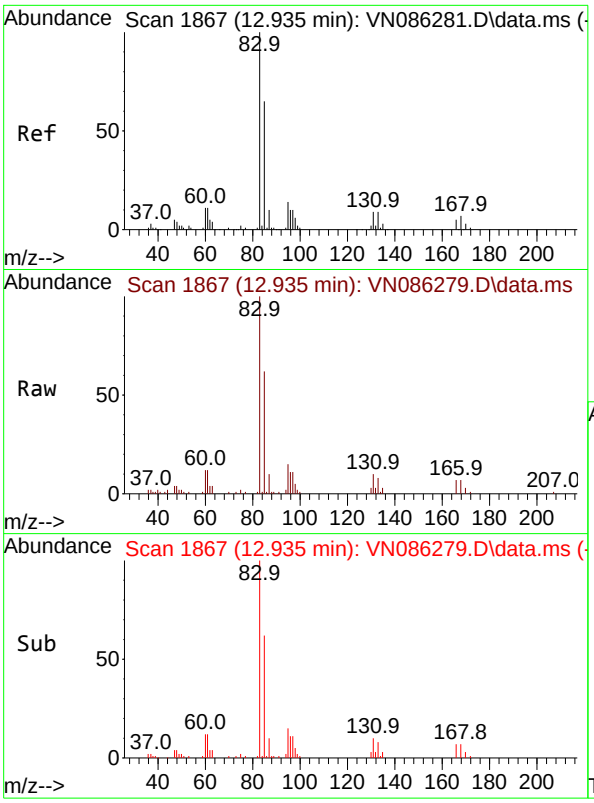


#74
N-amyl acetate
Concen: 9.228 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 43 Resp: 67074

Ion	Ratio	Lower	Upper
43	100		
70	43.2	35.0	52.4
55	25.2	19.0	28.4
61	25.1	19.8	29.8

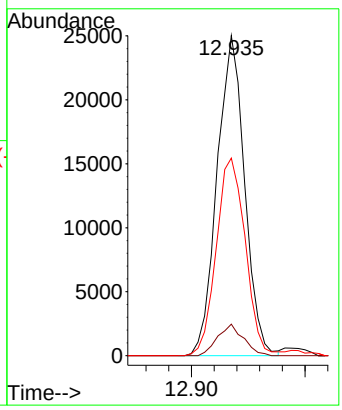




#75
1,1,2,2-Tetrachloroethane
Concen: 10.045 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 83 Resp: 4216

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	65.2	32.7	98.1



Instrument :
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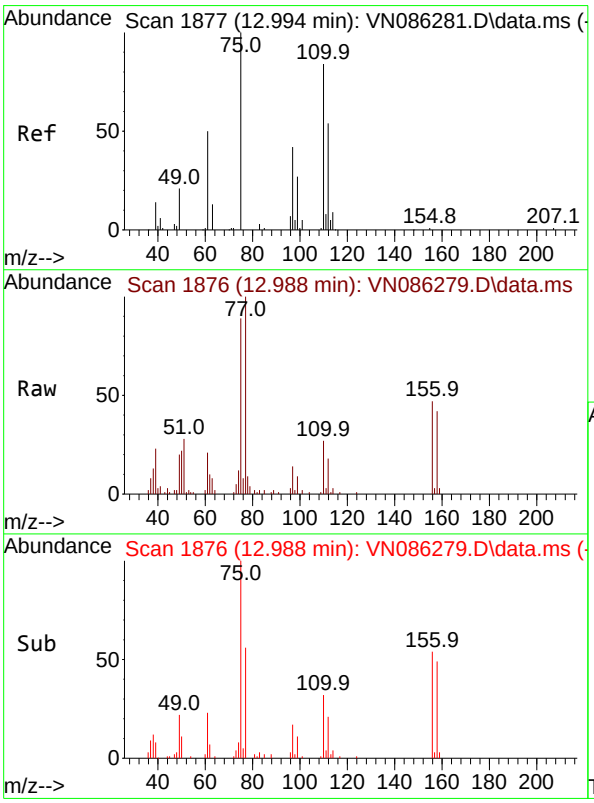
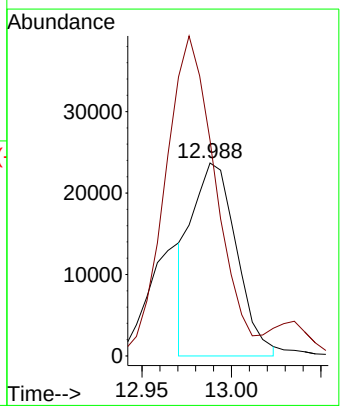
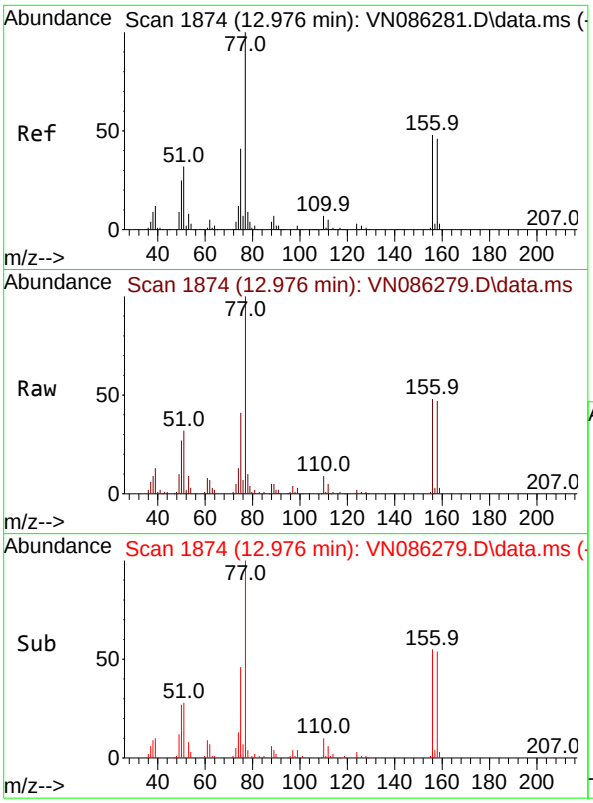


#76
1,2,3-Trichloropropane
Concen: 9.813 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 75 Resp: 41148

Ion	Ratio	Lower	Upper
75	100		
77	189.0	98.8	296.4

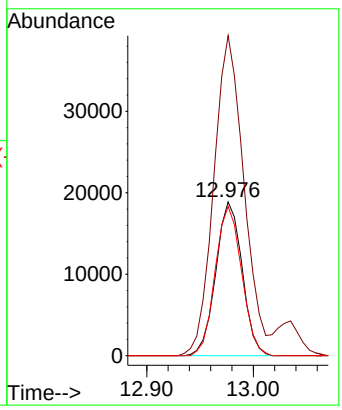




#77
Bromobenzene
Concen: 9.986 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:156 Resp: 3230

Ion	Ratio	Lower	Upper
156	100		
77	240.7	121.1	363.1
158	97.8	47.9	143.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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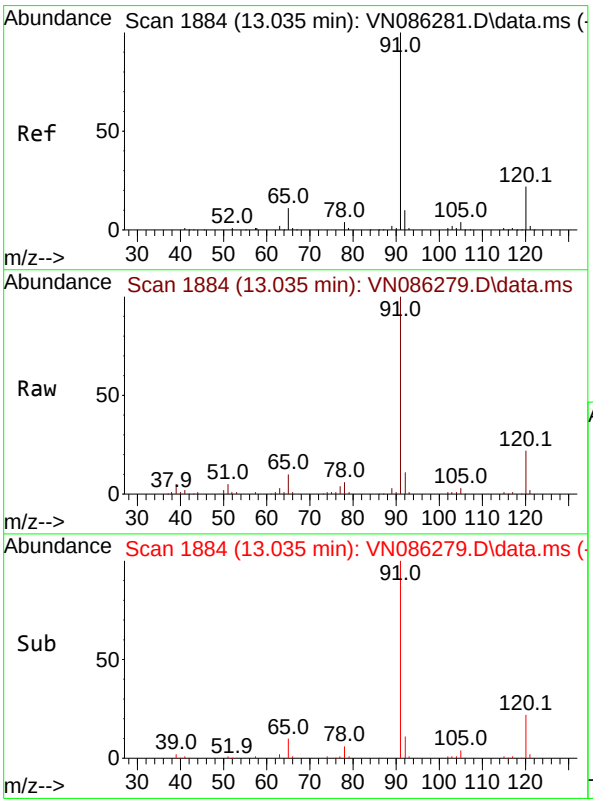
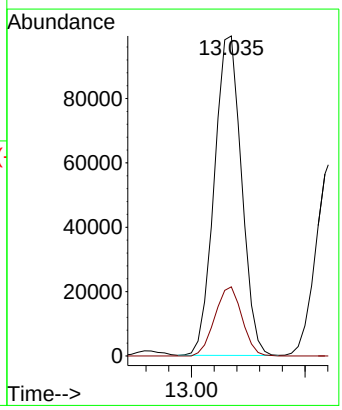
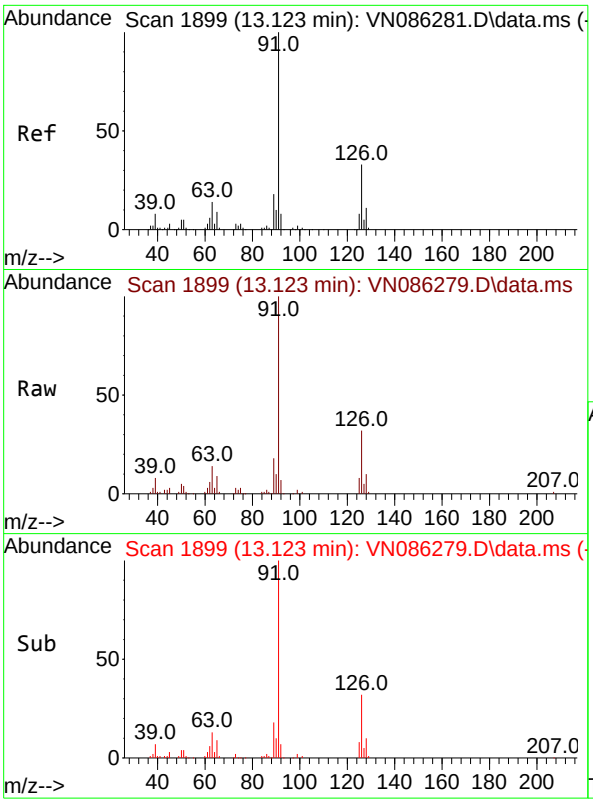


#78
n-propylbenzene
Concen: 9.605 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 91 Resp: 165250

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.1	33.3

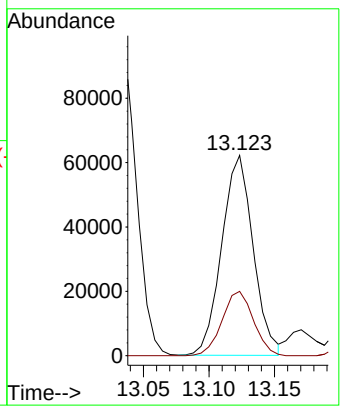




#79
2-Chlorotoluene
Concen: 9.641 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 91 Resp: 10378

Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.1	48.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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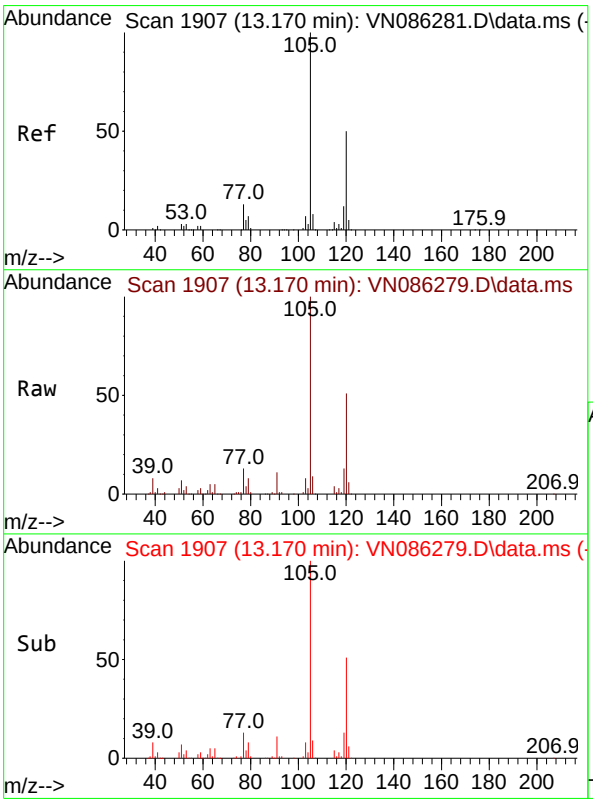
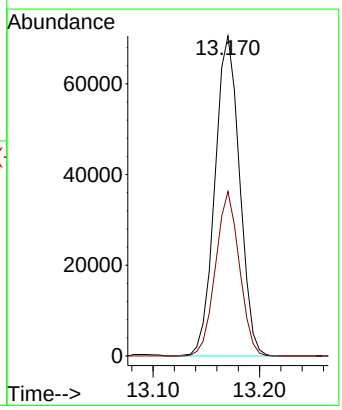
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

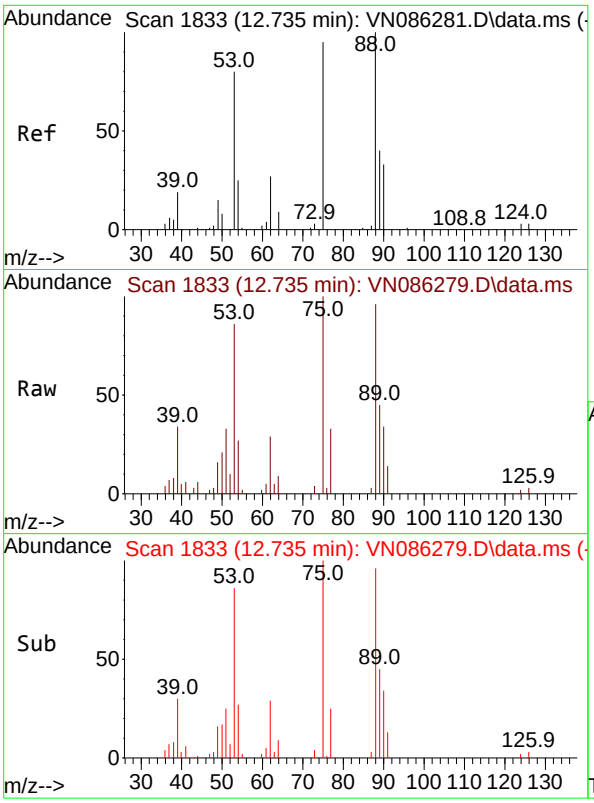


#80
1,3,5-Trimethylbenzene
Concen: 9.494 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:105 Resp: 113458

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 10.033 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 75 Resp: 1759

Ion	Ratio	Lower	Upper
75	100		
53	88.4	79.2	118.8
89	42.3	35.7	53.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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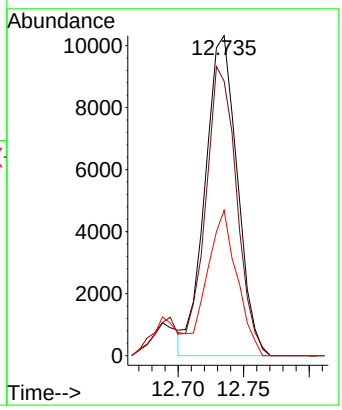
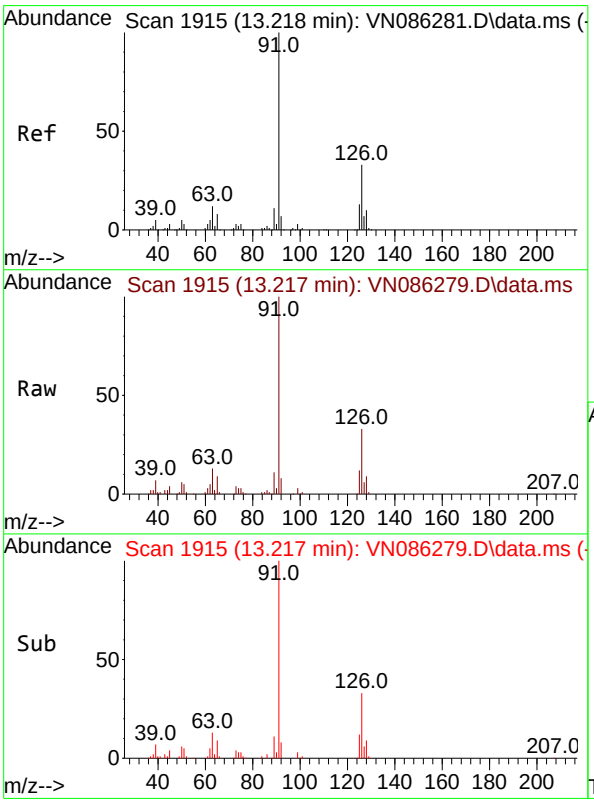
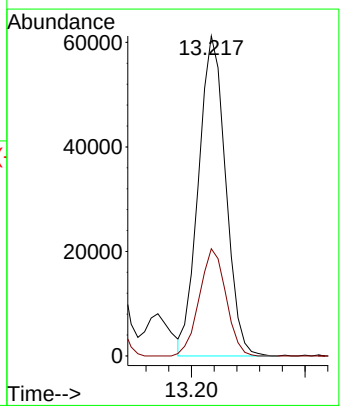


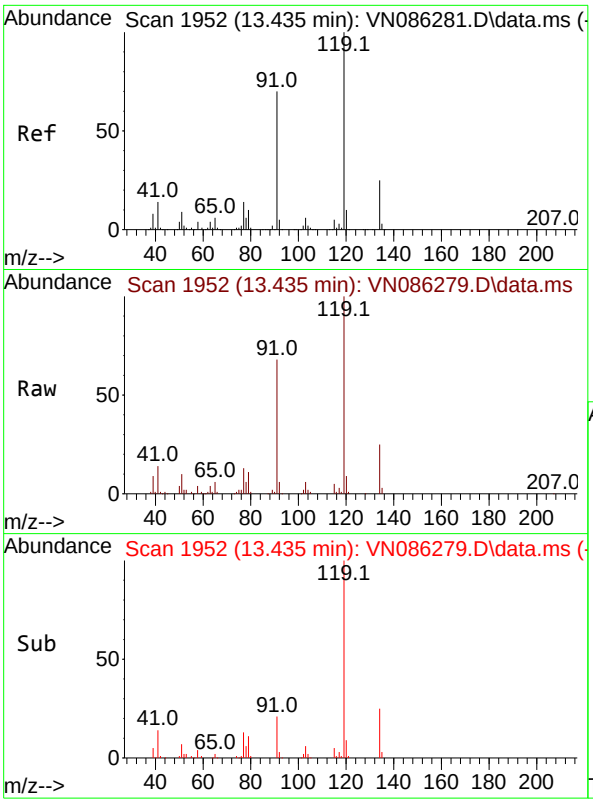


#82
4-Chlorotoluene
Concen: 9.518 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 91 Resp: 101784

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.2	48.6

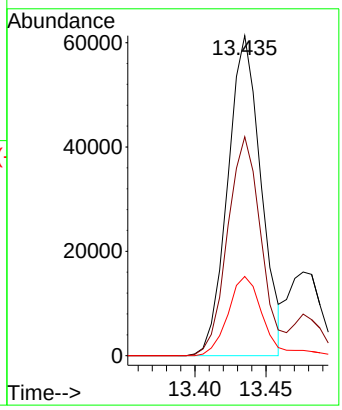




#83
tert-Butylbenzene
Concen: 9.636 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:119 Resp: 9977

Ion	Ratio	Lower	Upper
119	100		
91	69.4	34.4	103.3
134	26.2	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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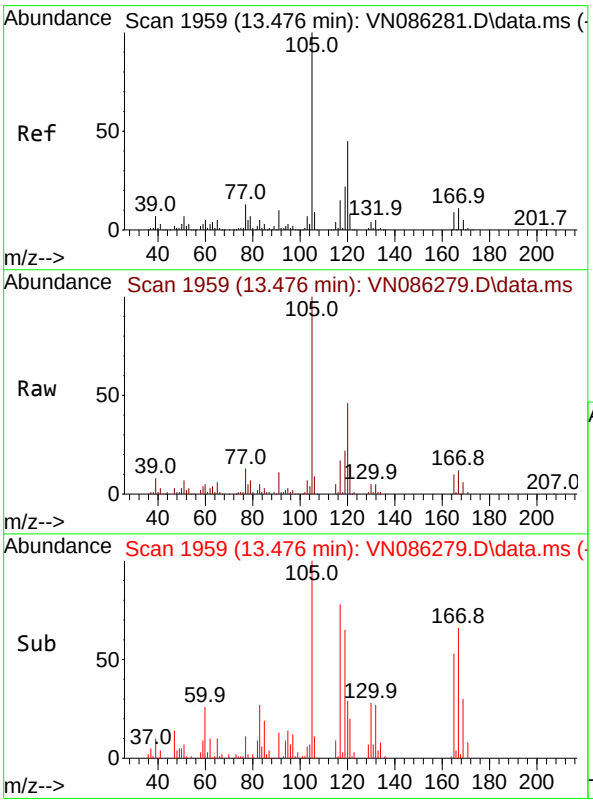
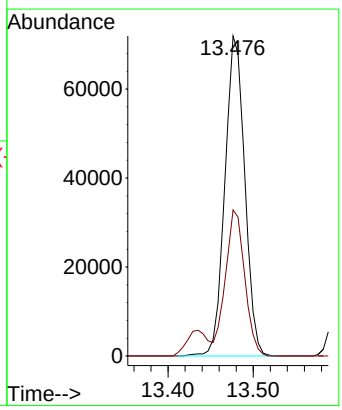
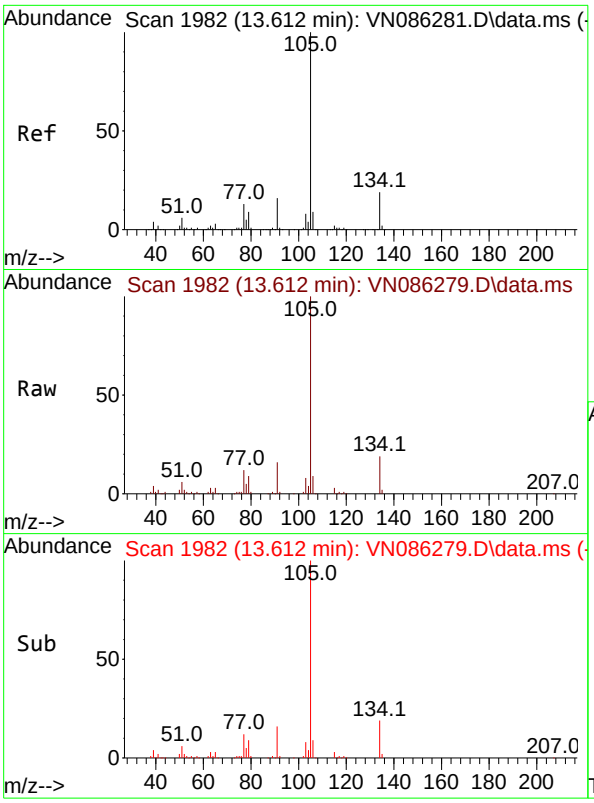


#84
1,2,4-Trimethylbenzene
Concen: 9.573 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:105 Resp: 116448

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.3





#85
sec-Butylbenzene
Concen: 9.686 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:105 Resp: 13910

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.7	29.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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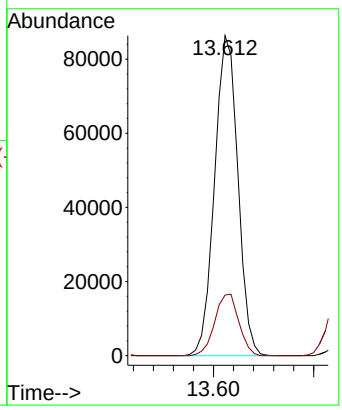
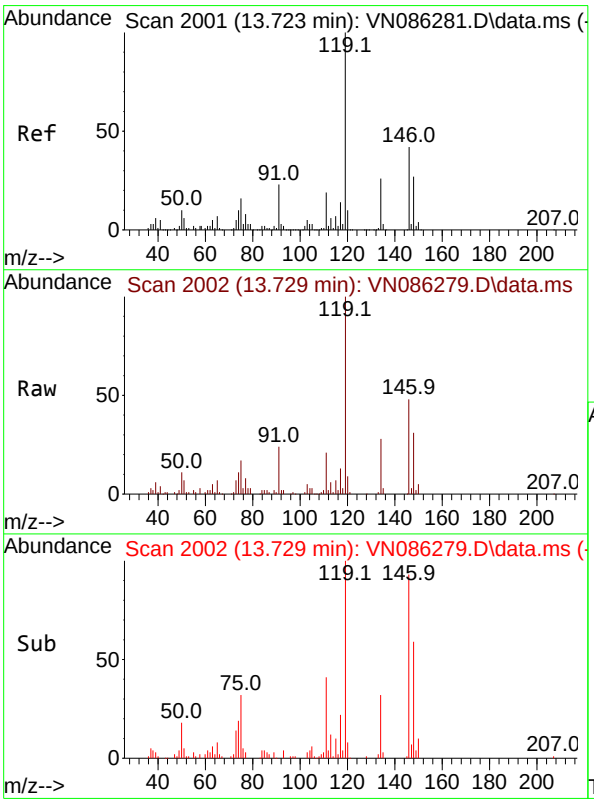
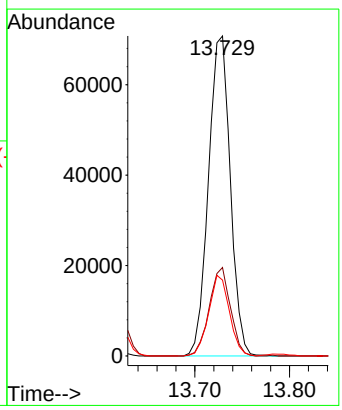


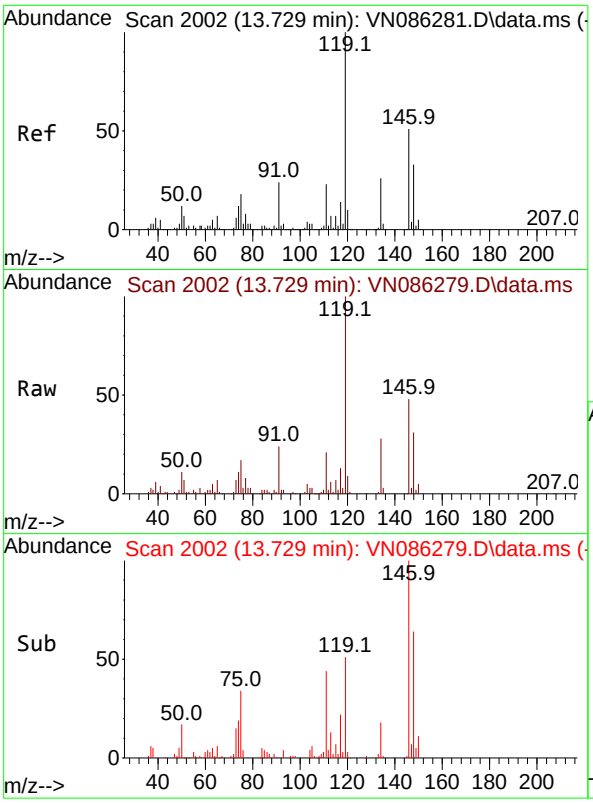


#86
p-Isopropyltoluene
Concen: 9.572 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:119 Resp: 113316

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.1	39.1
91	24.0	11.9	35.9

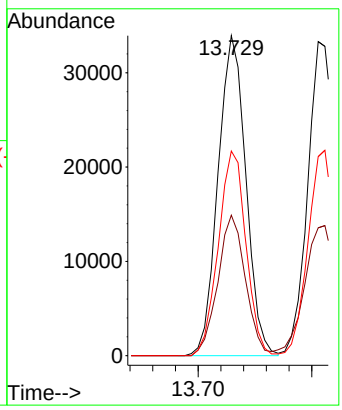




#87
1,3-Dichlorobenzene
Concen: 9.497 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:146 Resp: 5775

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.9	65.7
148	63.5	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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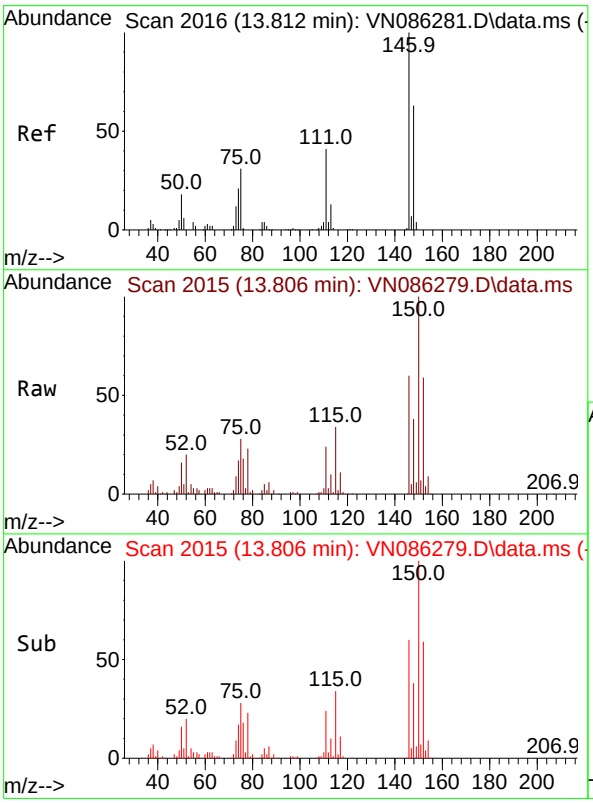
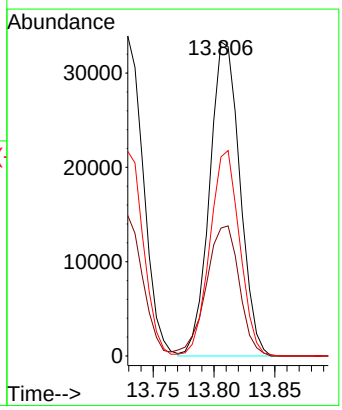
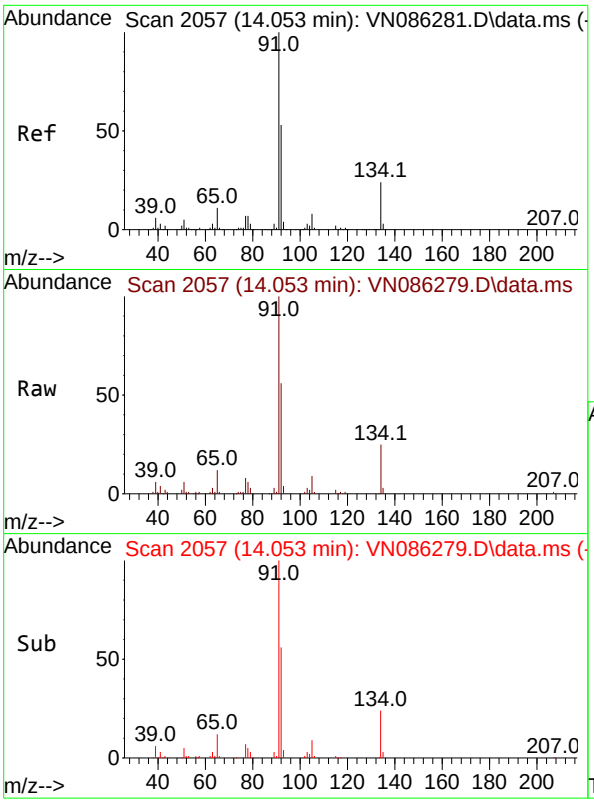


#88
1,4-Dichlorobenzene
Concen: 9.412 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:146 Resp: 57656

Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.3	63.9
148	64.4	31.9	95.9

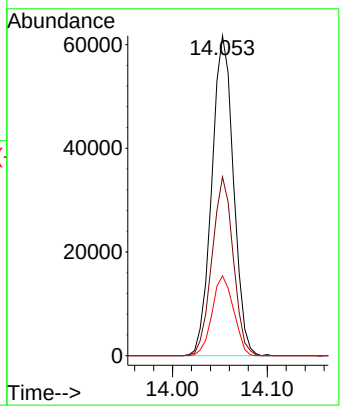




#89
n-Butylbenzene
Concen: 9.340 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 91 Resp: 9801

Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.8	80.4
134	24.7	12.2	36.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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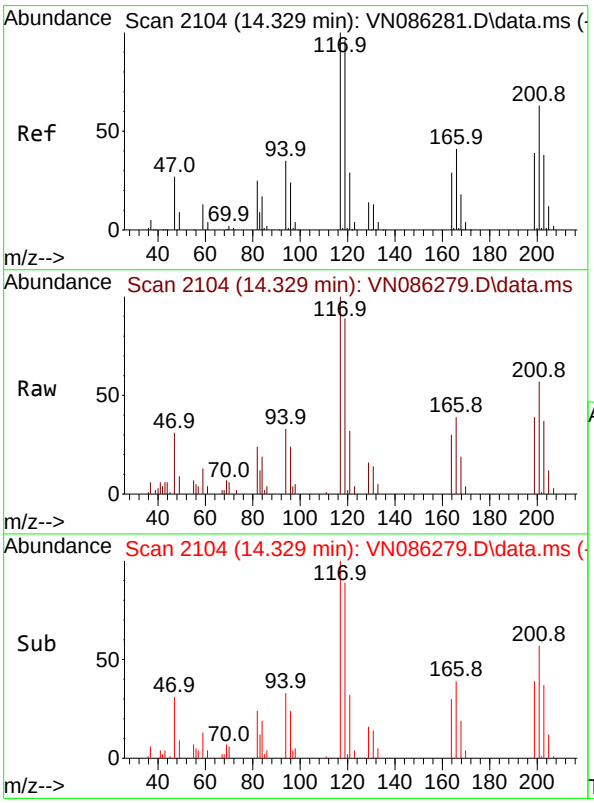
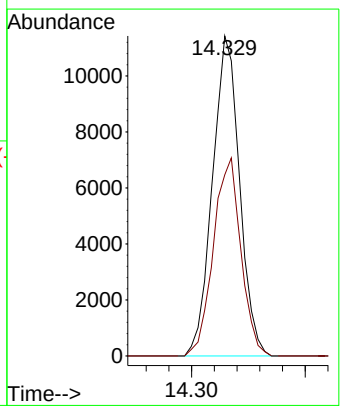
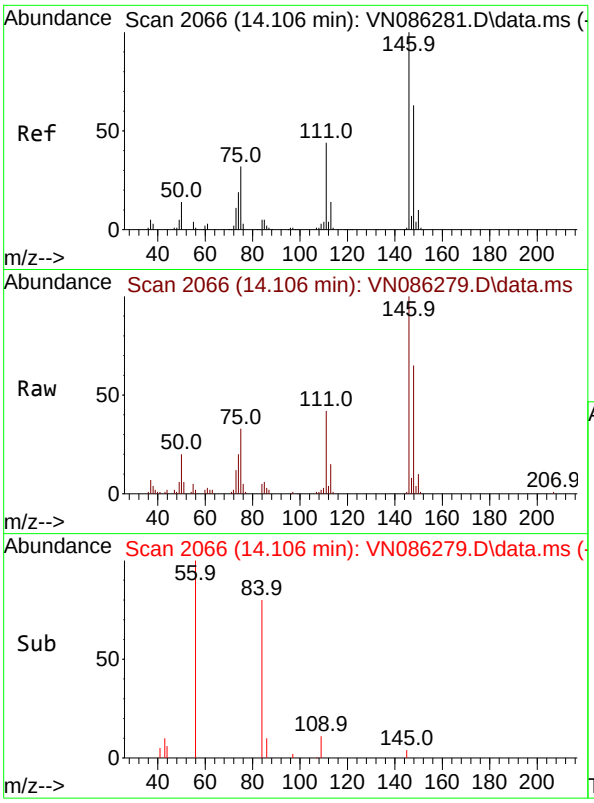


#90
Hexachloroethane
Concen: 9.503 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:117 Resp: 18922

Ion	Ratio	Lower	Upper
117	100		
201	62.8	31.4	94.2

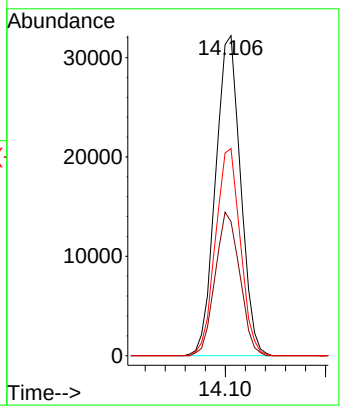




#91
1,2-Dichlorobenzene
Concen: 9.473 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:146 Resp: 5585

Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.4	67.0
148	64.2	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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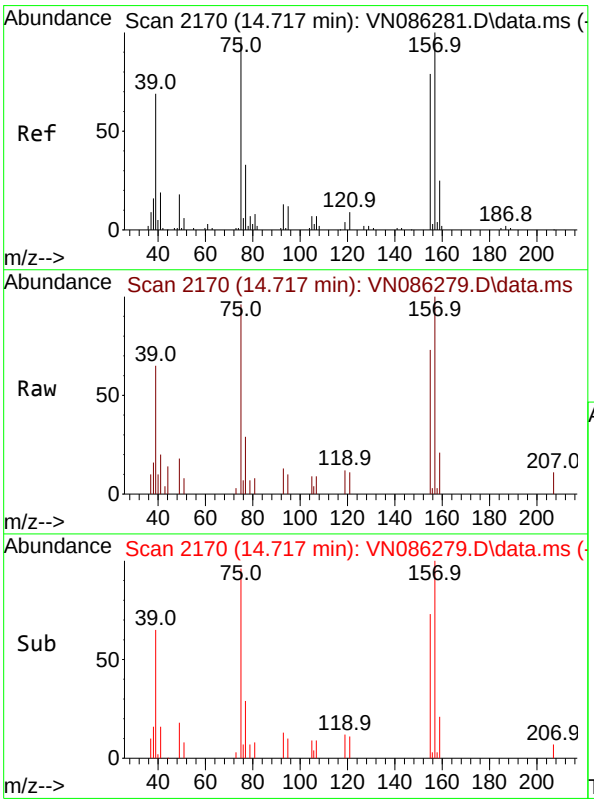
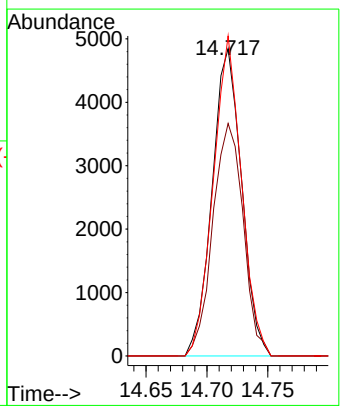
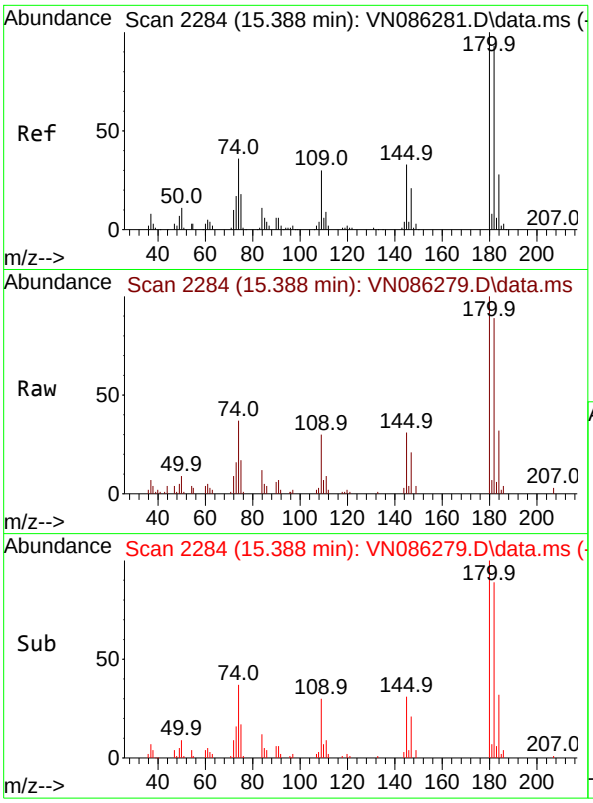


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.646 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion: 75 Resp: 8165

Ion	Ratio	Lower	Upper
75	100		
155	78.1	40.3	120.9
157	99.5	49.0	147.2

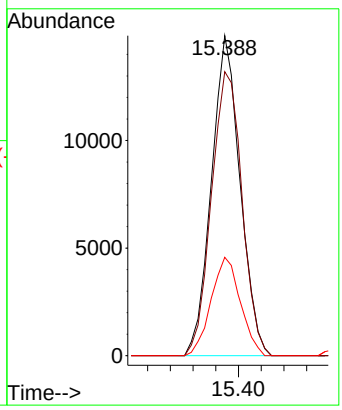




#93
1,2,4-Trichlorobenzene
Concen: 9.227 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:180 Resp: 2605

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.0	141.0
145	31.4	16.4	49.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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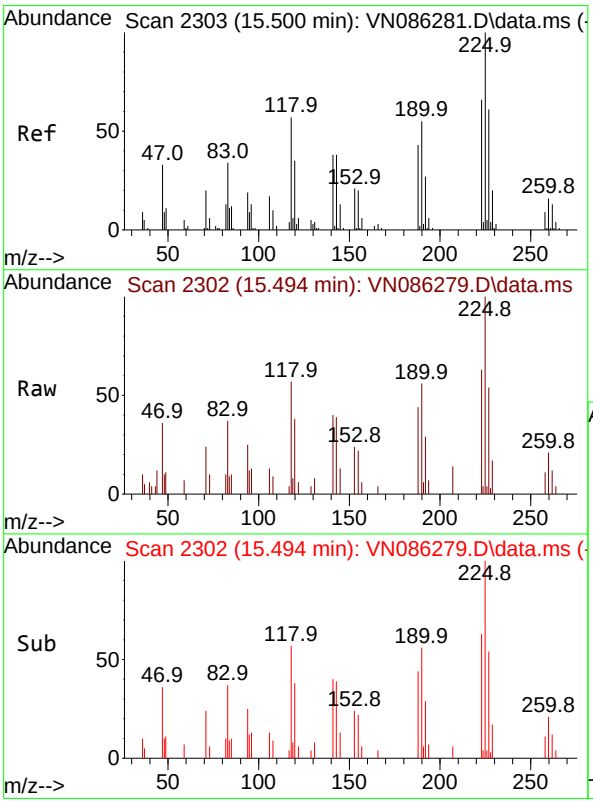
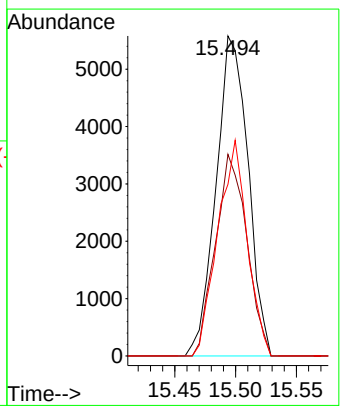
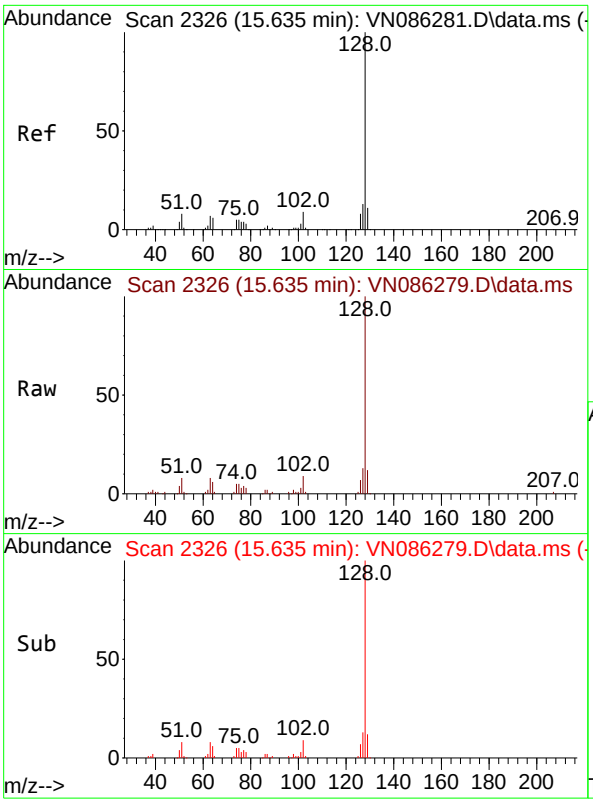


#94
Hexachlorobutadiene
Concen: 9.575 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:225 Resp: 10205

Ion	Ratio	Lower	Upper
225	100		
223	61.8	32.8	98.3
227	62.0	31.4	94.0

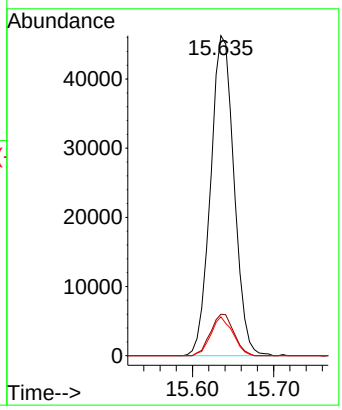




#95
Naphthalene
Concen: 9.277 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:128 Resp: 9284

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.4	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

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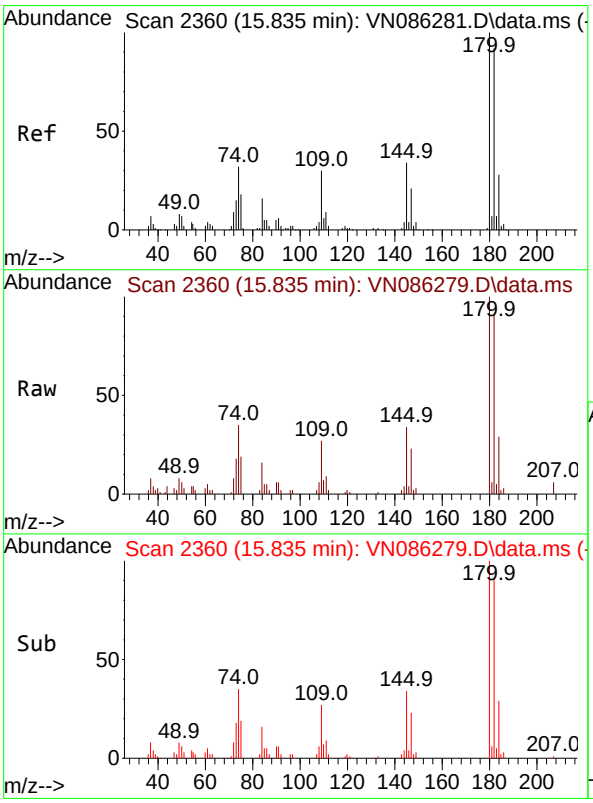
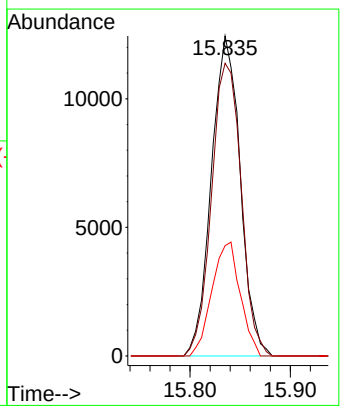


#96
1,2,3-Trichlorobenzene
Concen: 9.308 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086279.D
Acq: 15 Apr 2025 12:45

Tgt Ion:180 Resp: 24879

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	142.0
145	34.8	17.2	51.5



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Data File : VN086280.D
Acq On : 15 Apr 2025 13:09
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	217195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	404366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	355626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	158232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	61458	19.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.020%#		
35) Dibromofluoromethane	8.165	113	37195	19.819	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.640%#		
50) Toluene-d8	10.565	98	191691	19.112	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.220%#		
62) 4-Bromofluorobenzene	12.847	95	68030	18.596	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	37.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	54177	21.042	ug/l	99
3) Chloromethane	2.359	50	71193	19.026	ug/l	98
4) Vinyl Chloride	2.518	62	73472	20.576	ug/l	99
5) Bromomethane	2.959	94	34343	21.382	ug/l	98
6) Chloroethane	3.124	64	47157	19.732	ug/l	99
7) Trichlorofluoromethane	3.501	101	80568	20.369	ug/l	98
8) Diethyl Ether	3.959	74	36034	20.868	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	49252	20.584	ug/l	99
10) Methyl Iodide	4.589	142	55289	21.017	ug/l	99
11) Tert butyl alcohol	5.512	59	61718	107.400	ug/l	97
12) 1,1-Dichloroethene	4.348	96	51127	20.000	ug/l	98
13) Acrolein	4.183	56	28121	95.627	ug/l	99
14) Allyl chloride	5.024	41	89076	19.612	ug/l	99
15) Acrylonitrile	5.712	53	148850	104.781	ug/l	100
16) Acetone	4.424	43	122726	109.479	ug/l	98
17) Carbon Disulfide	4.712	76	149518	19.534	ug/l	100
18) Methyl Acetate	5.024	43	75070	19.857	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	191056	20.332	ug/l	97
20) Methylene Chloride	5.277	84	58230	19.999	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	53894	20.165	ug/l	99
22) Diisopropyl ether	6.671	45	196831	19.911	ug/l	98
23) Vinyl Acetate	6.600	43	713534m	103.278	ug/l	
24) 1,1-Dichloroethane	6.565	63	104777	20.087	ug/l	99
25) 2-Butanone	7.477	43	202298	103.191	ug/l	99
26) 2,2-Dichloropropane	7.489	77	94147	20.159	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	66347	20.001	ug/l	99
28) Bromochloromethane	7.812	49	40391	18.263	ug/l	100
29) Tetrahydrofuran	7.836	42	136348	104.008	ug/l	99
30) Chloroform	7.965	83	103881	20.274	ug/l	100
31) Cyclohexane	8.253	56	101546	19.895	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	89173	20.344	ug/l	97
36) 1,1-Dichloropropene	8.365	75	75426	20.122	ug/l	99
37) Ethyl Acetate	7.553	43	79383	20.115	ug/l	99
38) Carbon Tetrachloride	8.359	117	72704	20.367	ug/l	99
39) Methylcyclohexane	9.594	83	88728	19.915	ug/l	98
40) Benzene	8.600	78	243918	20.310	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086280.D
Acq On : 15 Apr 2025 13:09
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 16 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	45760	20.007	ug/l		100
42) 1,2-Dichloroethane	8.665	62	77932	20.348	ug/l		100
43) Isopropyl Acetate	8.683	43	157753	20.921	ug/l		99
44) Trichloroethene	9.353	130	56926	19.998	ug/l		99
45) 1,2-Dichloropropane	9.618	63	59599	20.273	ug/l		98
46) Dibromomethane	9.706	93	38601	20.608	ug/l		98
47) Bromodichloromethane	9.888	83	82517	20.397	ug/l		98
48) Methyl methacrylate	9.677	41	69986	20.195	ug/l		99
49) 1,4-Dioxane	9.694	88	24362	413.277	ug/l		98
51) 4-Methyl-2-Pentanone	10.441	43	421471	104.297	ug/l		100
52) Toluene	10.630	92	152248	20.317	ug/l		99
53) t-1,3-Dichloropropene	10.830	75	92441	20.470	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	100415	20.245	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	53630	19.891	ug/l		97
56) Ethyl methacrylate	10.871	69	100712	20.321	ug/l		99
57) 1,3-Dichloropropane	11.159	76	97363	20.353	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	222766	94.702	ug/l		100
59) 2-Hexanone	11.194	43	309954	103.408	ug/l		100
60) Dibromochloromethane	11.359	129	60596	20.467	ug/l		100
61) 1,2-Dibromoethane	11.465	107	56679	20.834	ug/l		99
64) Tetrachloroethene	11.100	164	55481	20.282	ug/l		97
65) Chlorobenzene	11.888	112	158917	20.024	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	52389	20.010	ug/l		98
67) Ethyl Benzene	11.959	91	288483	20.144	ug/l		99
68) m/p-Xylenes	12.071	106	215301	40.122	ug/l		99
69) o-Xylene	12.394	106	107161	20.193	ug/l		99
70) Styrene	12.406	104	177099	20.029	ug/l		99
71) Bromoform	12.576	173	39697	20.138	ug/l	#	98
73) Isopropylbenzene	12.694	105	264607	20.443	ug/l		99
74) N-amyl acetate	12.488	43	126575	19.643	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	76740	20.620	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	74829m	20.130	ug/l		
77) Bromobenzene	12.976	156	59889	20.882	ug/l		99
78) n-propylbenzene	13.029	91	307737	20.176	ug/l		100
79) 2-Chlorotoluene	13.124	91	193569	20.281	ug/l		99
80) 1,3,5-Trimethylbenzene	13.171	105	216364	20.423	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	31256m	20.104	ug/l		
82) 4-Chlorotoluene	13.218	91	192849	20.341	ug/l		99
83) tert-Butylbenzene	13.435	119	182683	19.901	ug/l		99
84) 1,2,4-Trimethylbenzene	13.476	105	217135	20.135	ug/l		100
85) sec-Butylbenzene	13.612	105	252593	19.838	ug/l		99
86) p-Isopropyltoluene	13.723	119	208256	19.844	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	107491	19.938	ug/l		99
88) 1,4-Dichlorobenzene	13.812	146	108412	19.964	ug/l		99
89) n-Butylbenzene	14.053	91	184852	19.871	ug/l		99
90) Hexachloroethane	14.329	117	35250	19.968	ug/l		95
91) 1,2-Dichlorobenzene	14.100	146	104185	19.932	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15863	21.139	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	50179	20.048	ug/l		99
94) Hexachlorobutadiene	15.494	225	19024	20.135	ug/l		99
95) Naphthalene	15.635	128	183816	20.717	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	47425	20.013	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086280.D
Acq On : 15 Apr 2025 13:09
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 16 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086280.D
Acq On : 15 Apr 2025 13:09
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Quant Time: Apr 16 03:57:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
VSTDICC020

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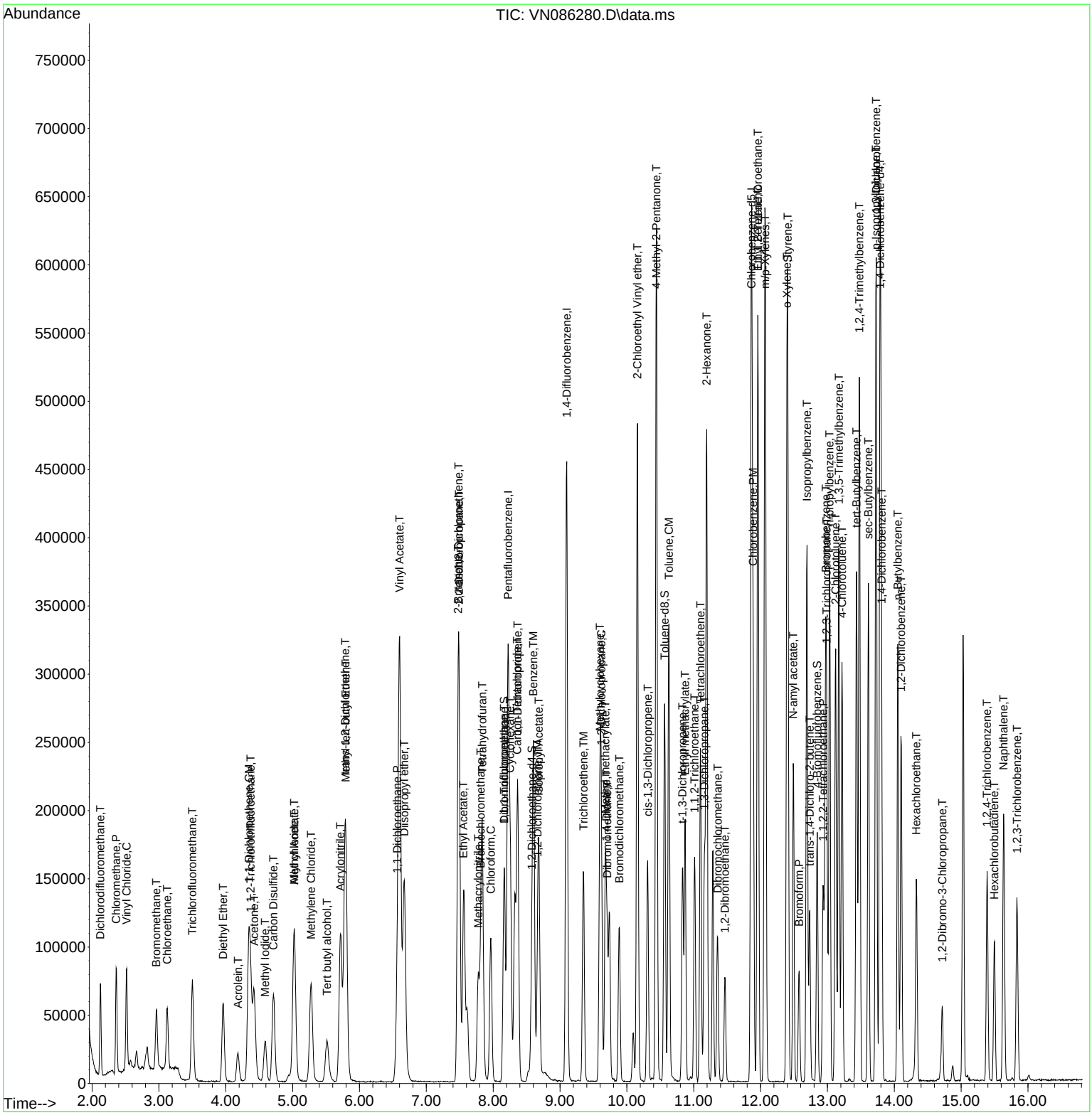
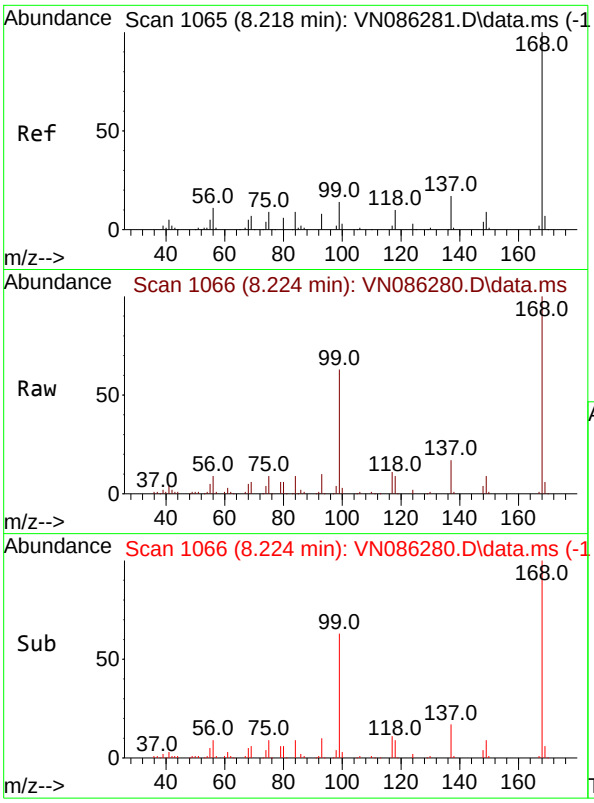
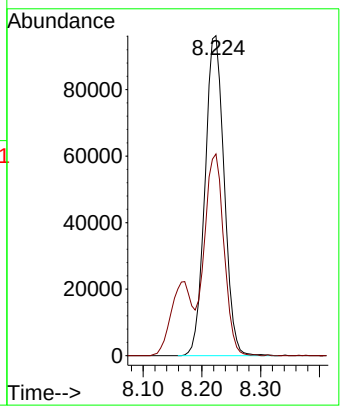




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:168 Resp: 21719

Ion	Ratio	Lower	Upper
168	100		
99	63.1	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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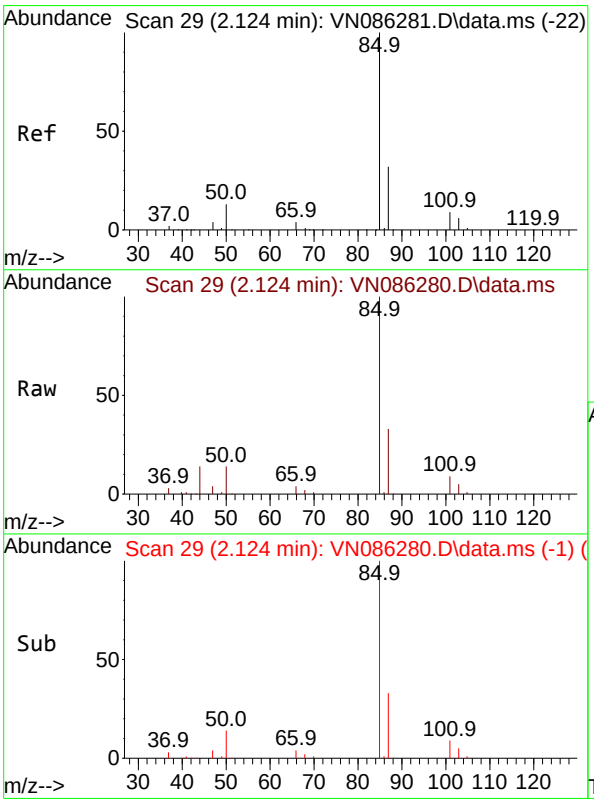
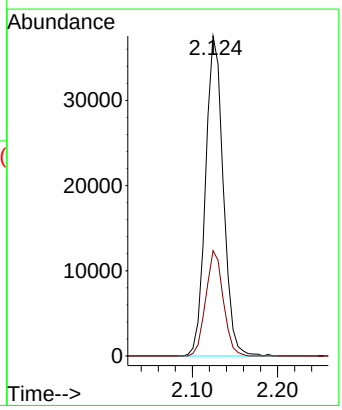
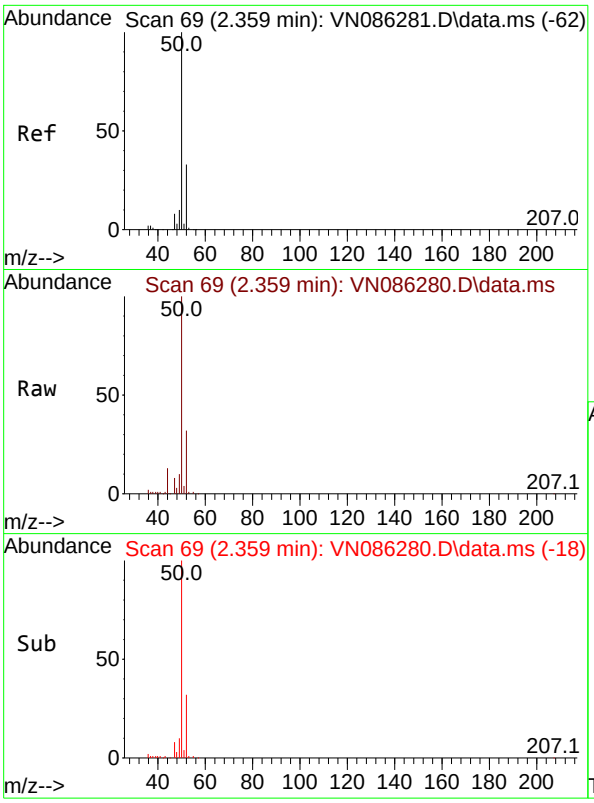


#2
Dichlorodifluoromethane
Concen: 21.042 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 85 Resp: 54177

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.3	48.8

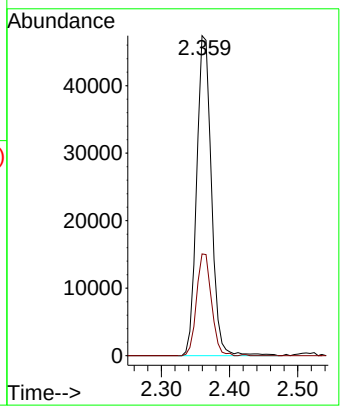




#3
Chloromethane
Concen: 19.026 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 50 Resp: 7119

Ion	Ratio	Lower	Upper
50	100		
52	31.8	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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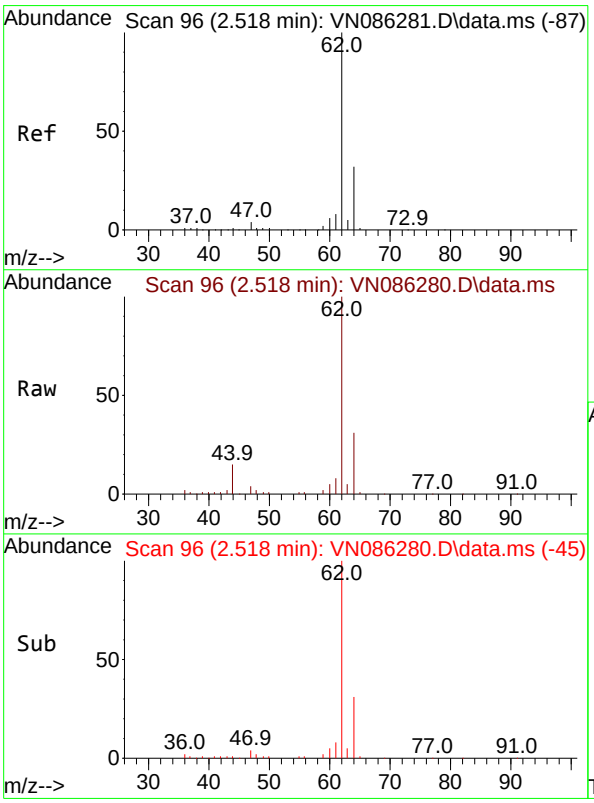
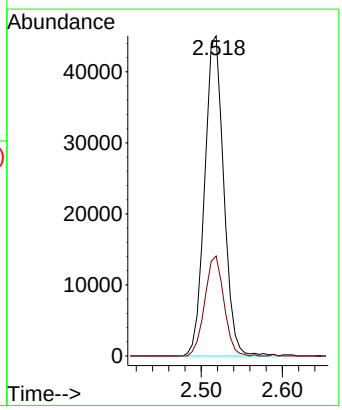
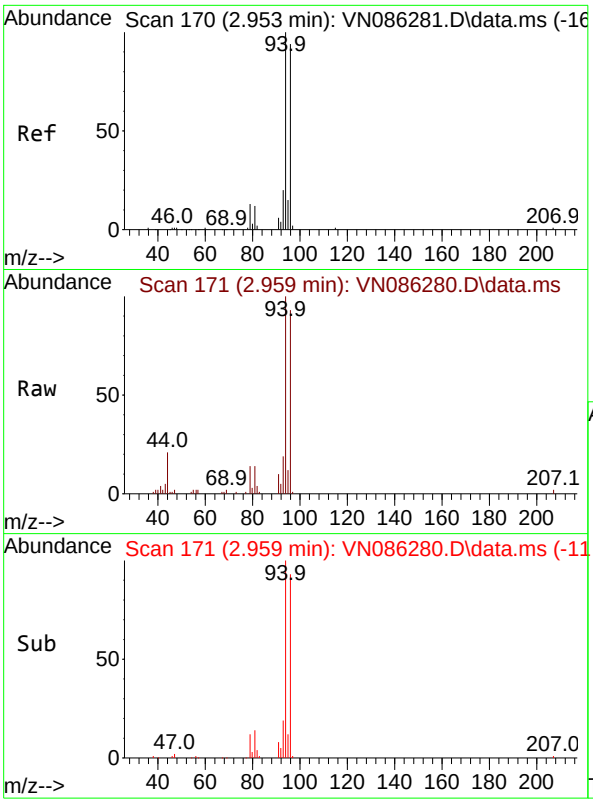


#4
Vinyl Chloride
Concen: 20.576 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 62 Resp: 73472

Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.6	38.4

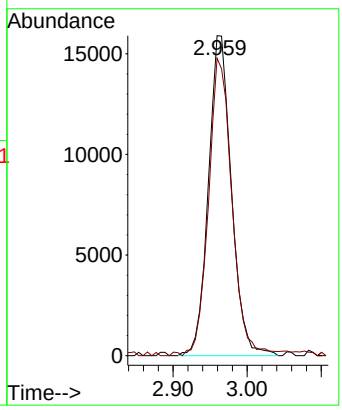




#5
Bromomethane
Concen: 21.382 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 94 Resp: 3434

Ion	Ratio	Lower	Upper
94	100		
96	92.0	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
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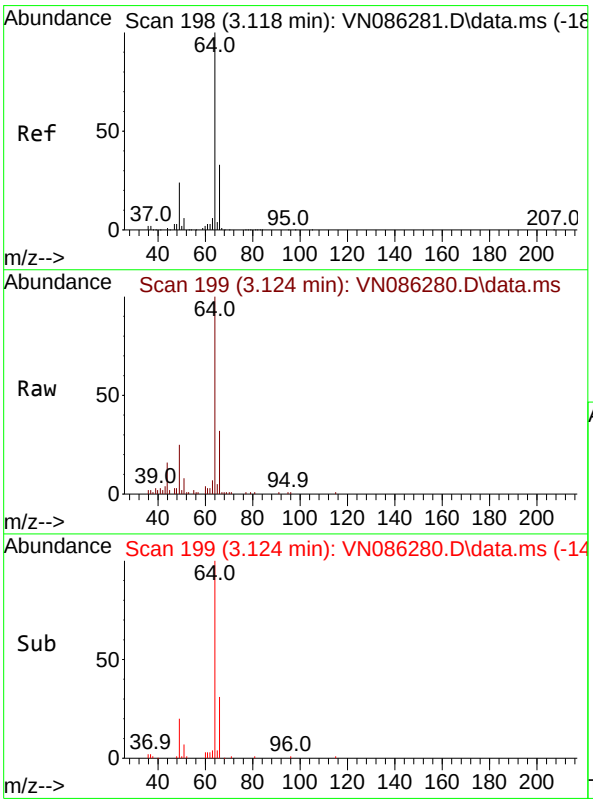
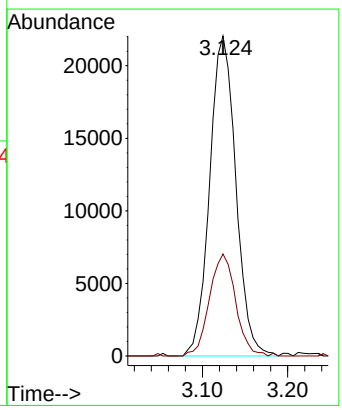
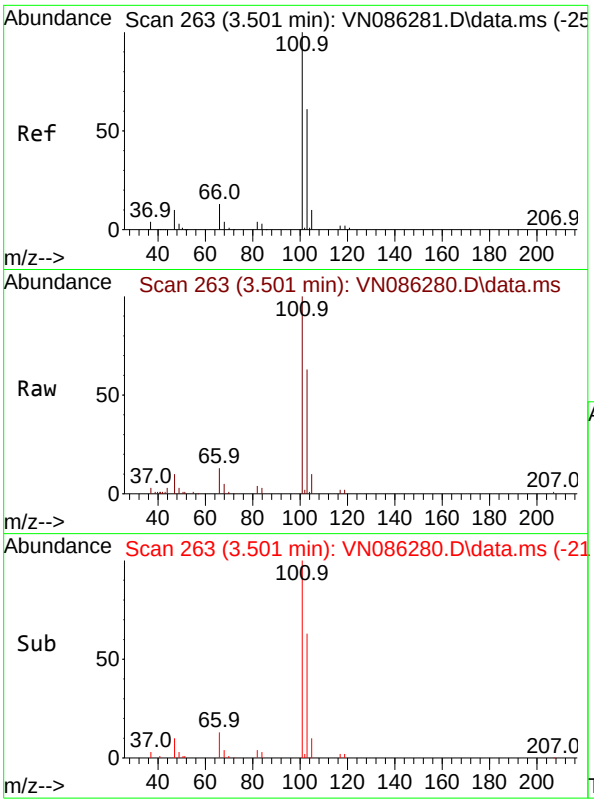


#6
Chloroethane
Concen: 19.732 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 64 Resp: 47157

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.2	39.2

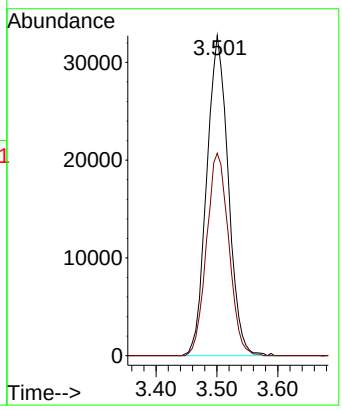




#7
Trichlorofluoromethane
Concen: 20.369 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:101 Resp: 8056

Ion	Ratio	Lower	Upper
101	100		
103	63.3	49.2	73.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/16/2025
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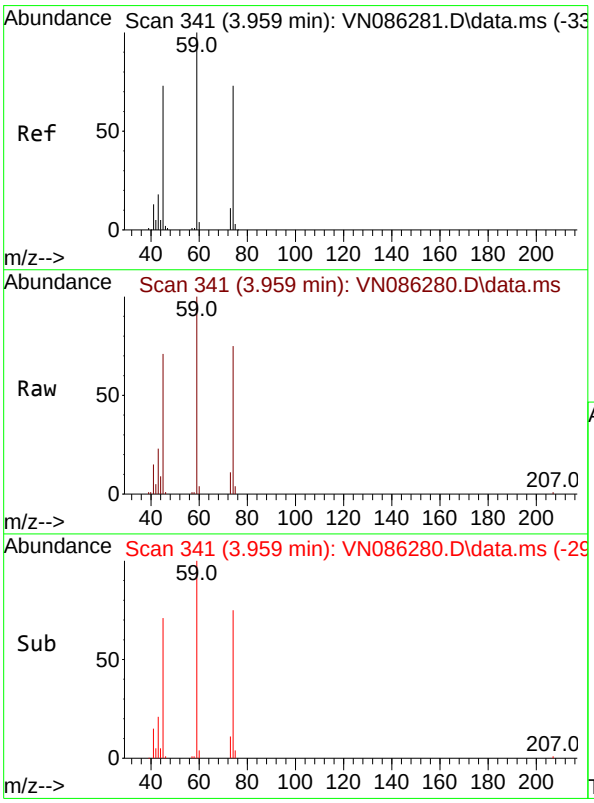
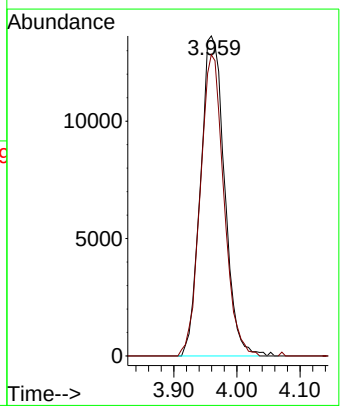
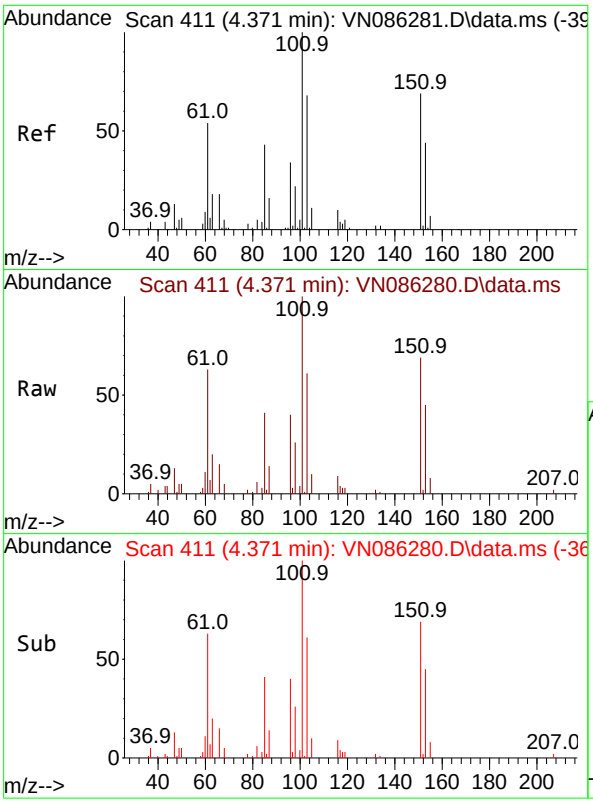


#8
Diethyl Ether
Concen: 20.868 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 74 Resp: 36034

Ion	Ratio	Lower	Upper
74	100		
45	92.5	48.0	144.2

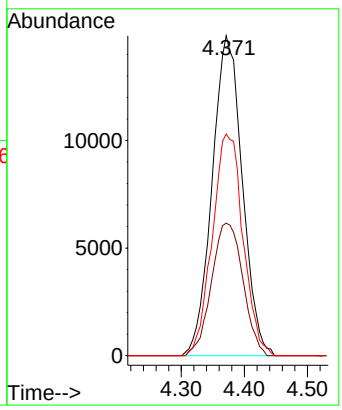




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.584 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:101 Resp: 4925

Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.7	52.1
151	70.7	56.1	84.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
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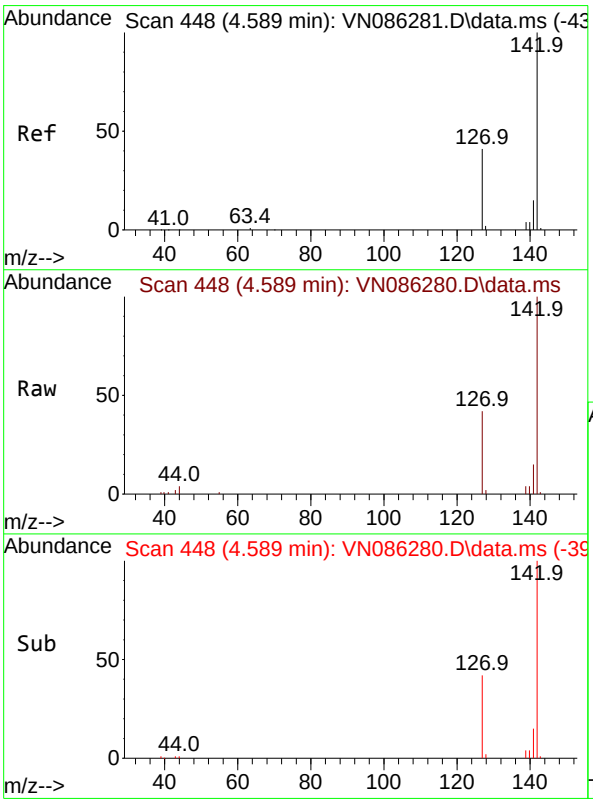
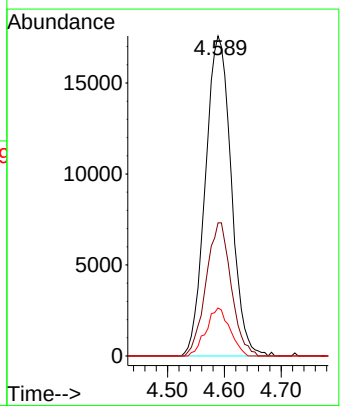
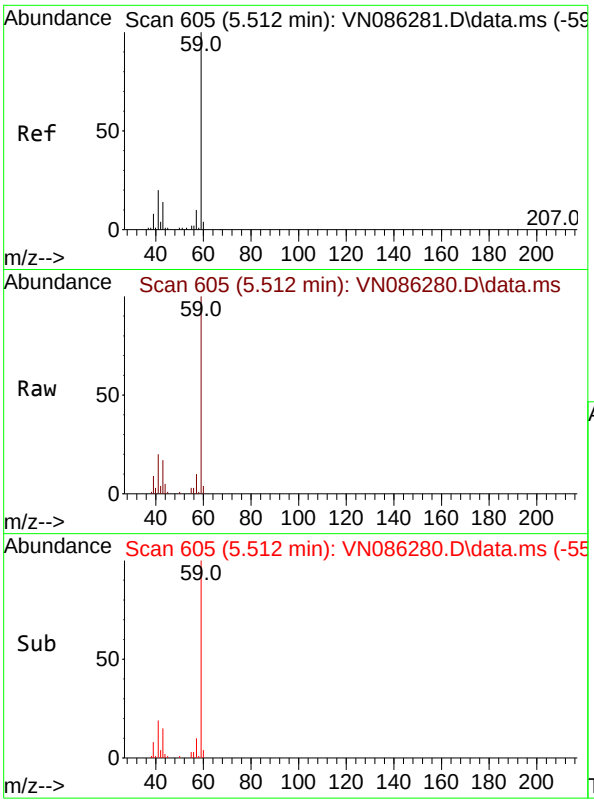


#10
Methyl Iodide
Concen: 21.017 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:142 Resp: 55289

Ion	Ratio	Lower	Upper
142	100		
127	41.6	32.7	49.1
141	15.0	11.7	17.5

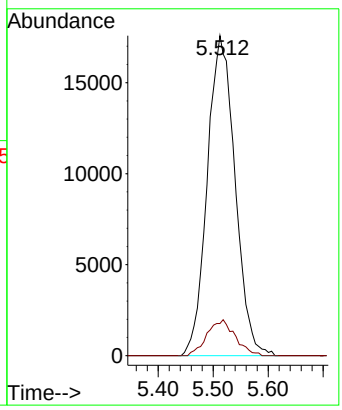




#11
Tert butyl alcohol
Concen: 107.400 ug/l
RT: 5.512 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 59 Resp: 6171

Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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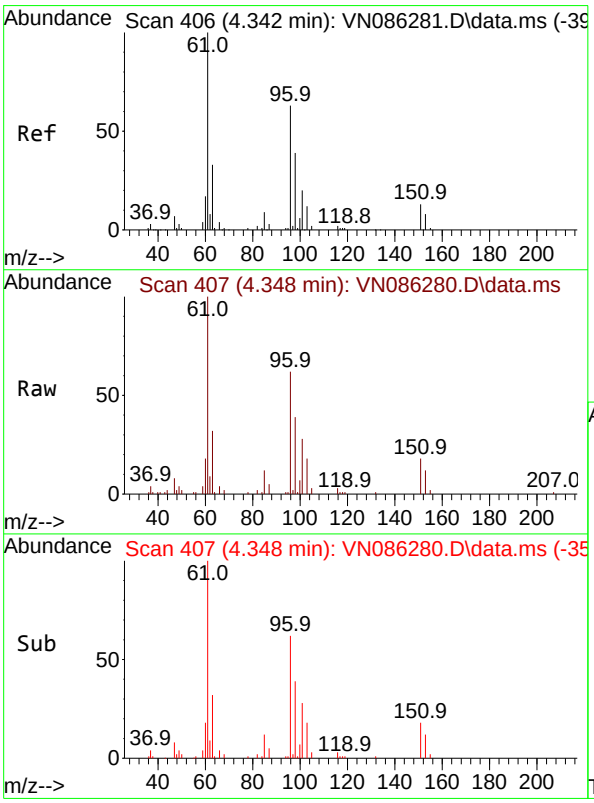
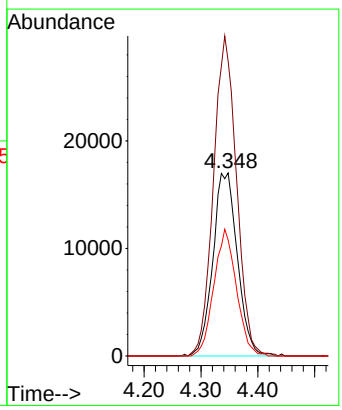
Supervised By :Semsettin Yesilyurt 04/16/2025

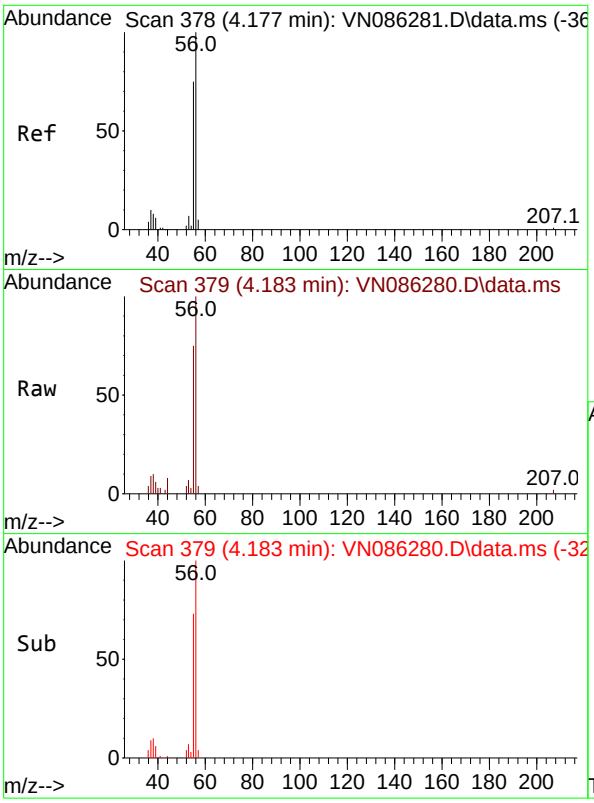


#12
1,1-Dichloroethene
Concen: 20.000 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 96 Resp: 51127

Ion	Ratio	Lower	Upper
96	100		
61	161.3	126.6	189.8
98	63.4	49.6	74.4

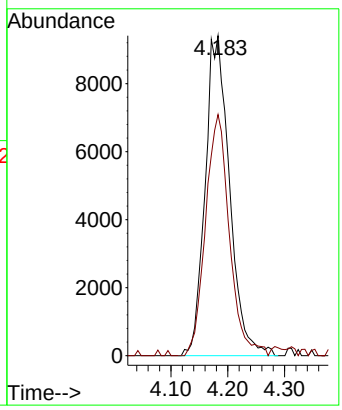




#13
Acrolein
Concen: 95.627 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 56 Resp: 2812

Ion	Ratio	Lower	Upper
56	100		
55	73.6	58.5	87.7



Instrument :
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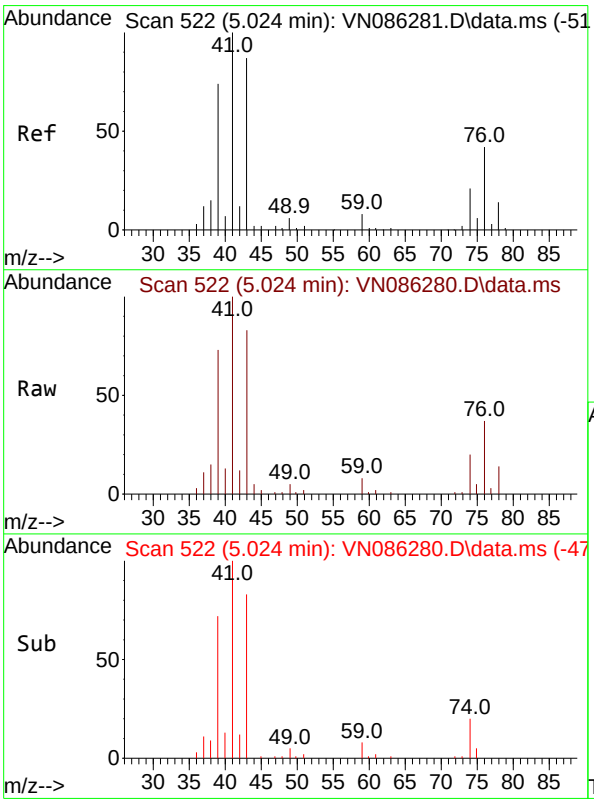
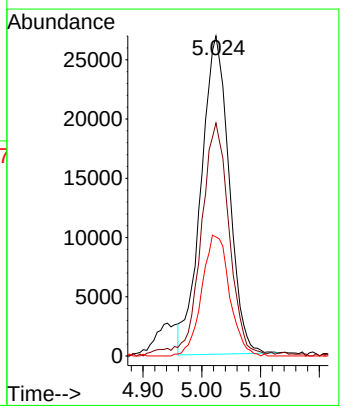
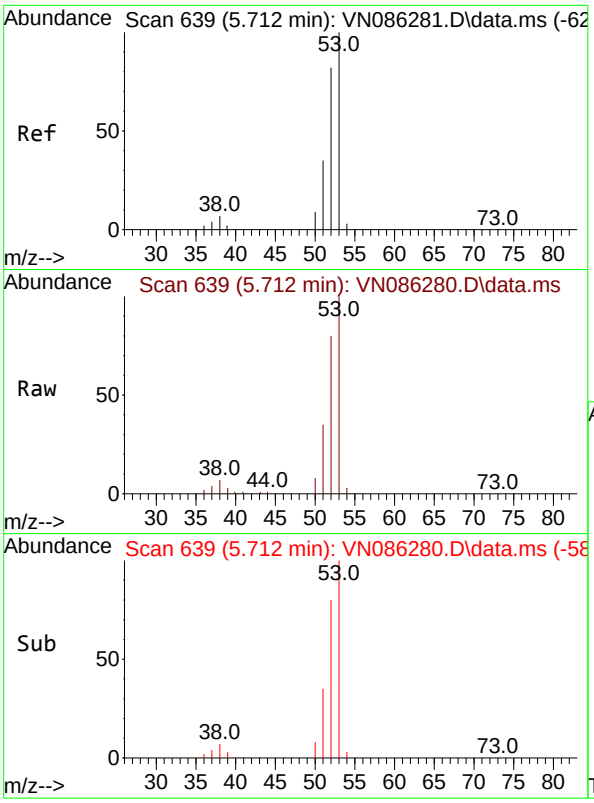


#14
Allyl chloride
Concen: 19.612 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 41 Resp: 89076

Ion	Ratio	Lower	Upper
41	100		
39	73.7	59.2	88.8
76	37.5	31.2	46.8

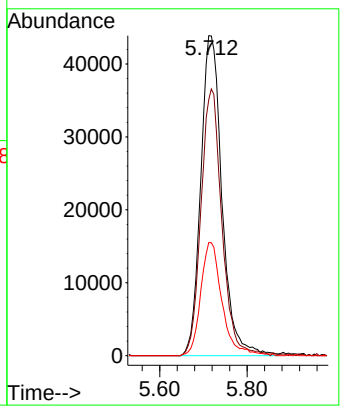




#15
Acrylonitrile
Concen: 104.781 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 53 Resp: 14885

Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.5	98.3
51	35.4	28.6	42.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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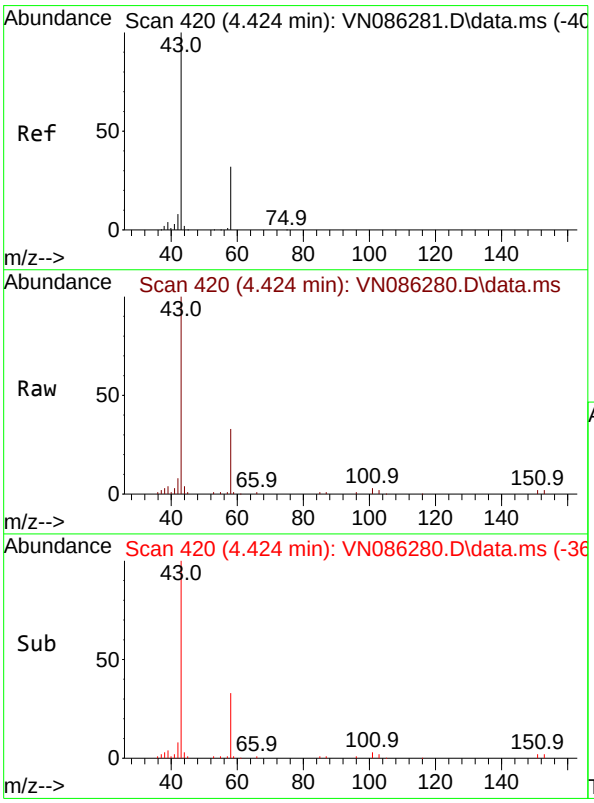
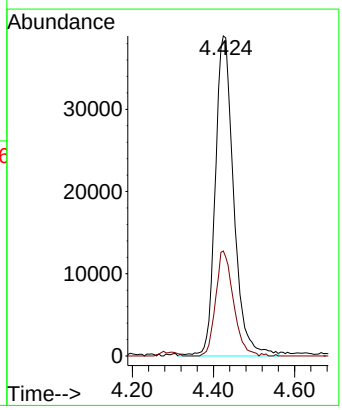
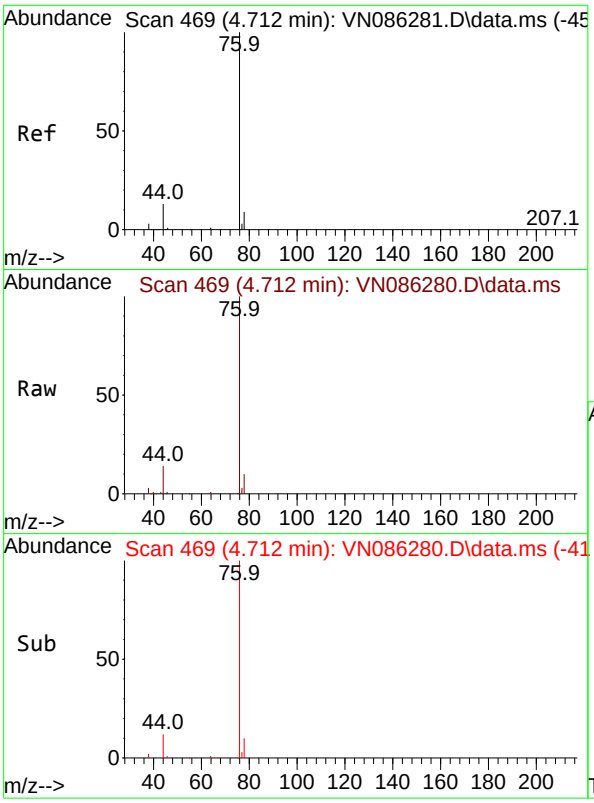


#16
Acetone
Concen: 109.479 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 122726

Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.3	37.9

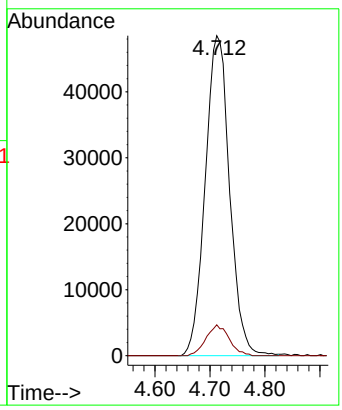




#17
Carbon Disulfide
Concen: 19.534 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 76 Resp: 14951

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.6	11.4



Instrument :
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ClientSampleId :
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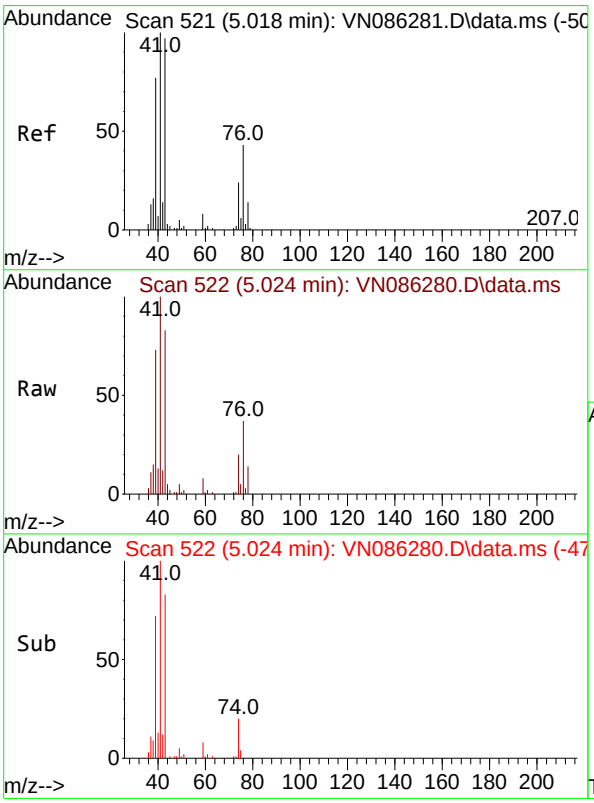
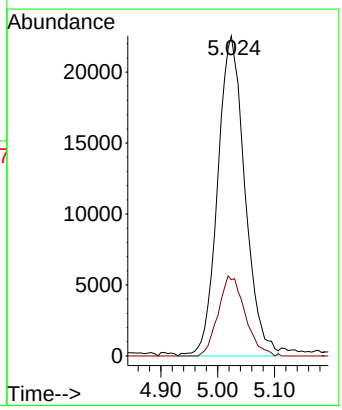
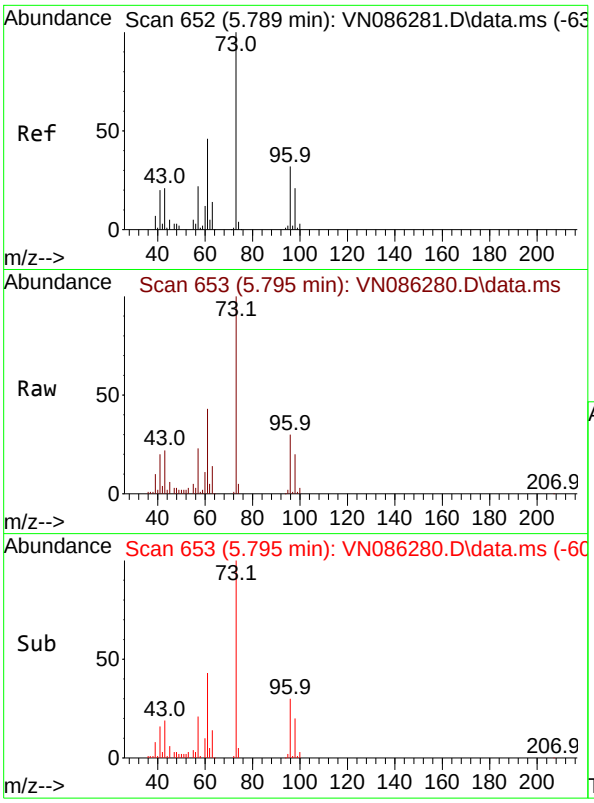


#18
Methyl Acetate
Concen: 19.857 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 75070

Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.8	29.6

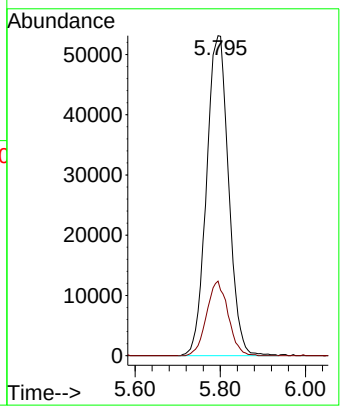




#19
Methyl tert-butyl Ether
Concen: 20.332 ug/l
RT: 5.795 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 73 Resp: 19105

Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.6	26.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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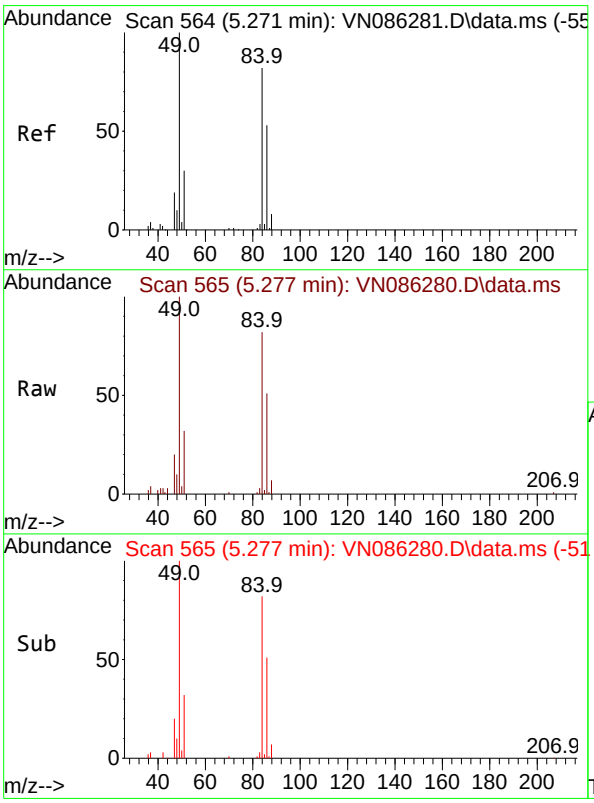
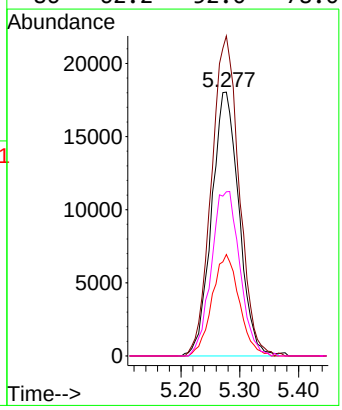
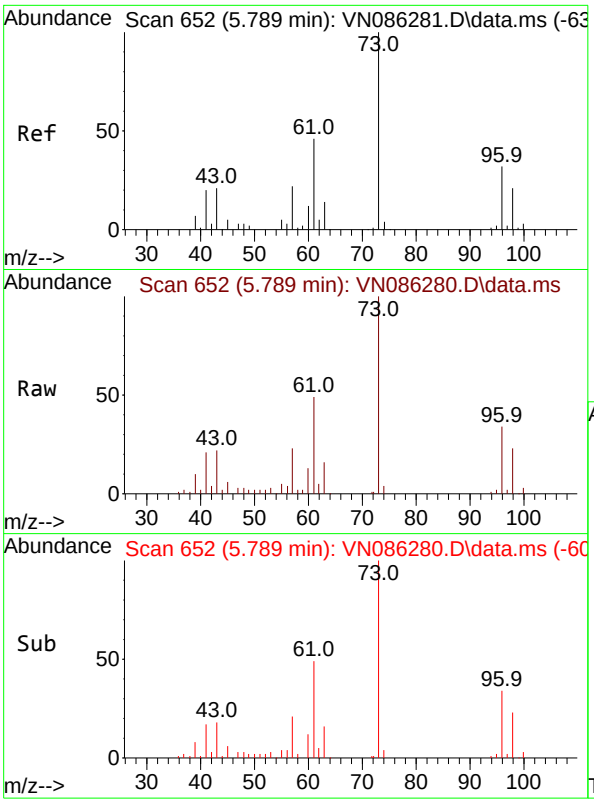


#20
Methylene Chloride
Concen: 19.999 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 84 Resp: 58230

Ion	Ratio	Lower	Upper
84	100		
49	121.3	98.2	147.2
51	38.5	29.8	44.6
86	62.2	52.0	78.0

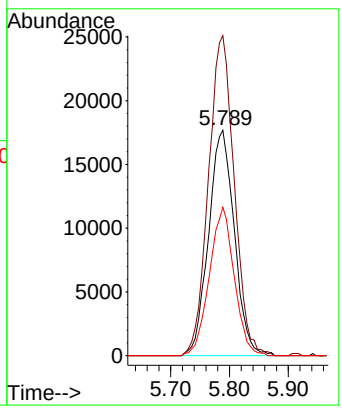




#21
trans-1,2-Dichloroethene
Concen: 20.165 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 96 Resp: 5389

Ion	Ratio	Lower	Upper
96	100		
61	141.9	114.6	171.8
98	65.8	51.2	76.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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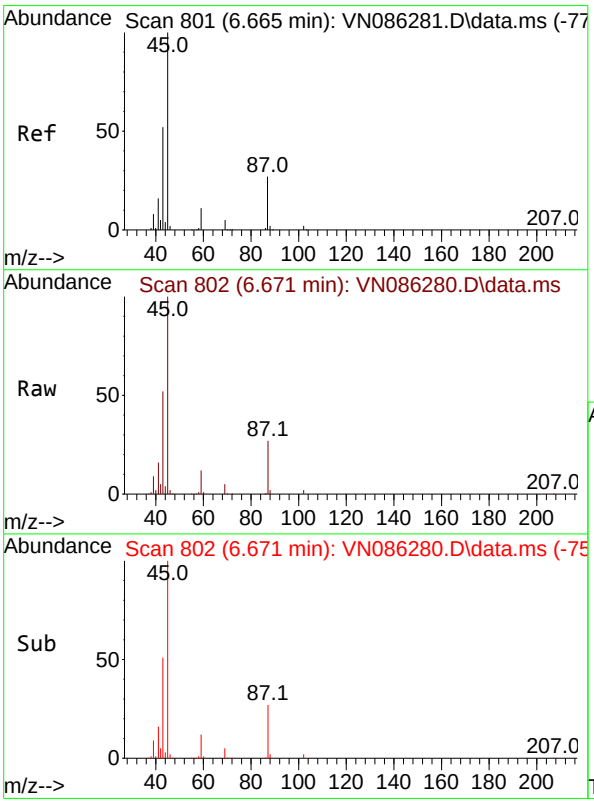
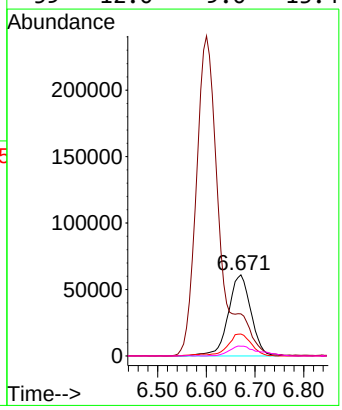
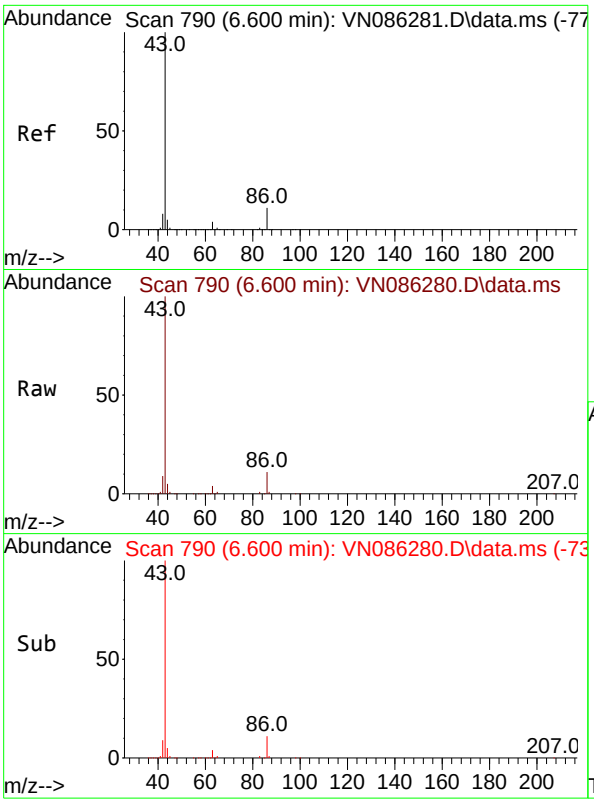


#22
Diisopropyl ether
Concen: 19.911 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 45 Resp: 196831

Ion	Ratio	Lower	Upper
45	100		
43	50.1	41.8	62.8
87	27.1	21.6	32.4
59	12.0	9.0	13.4

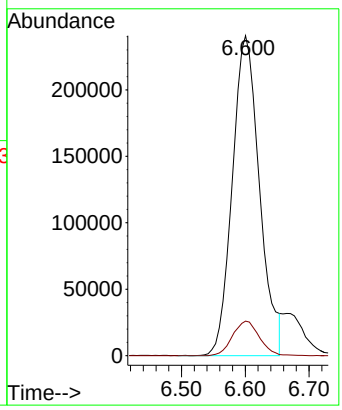




#23
Vinyl Acetate
Concen: 103.278 ug/l m
RT: 6.600 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 71353

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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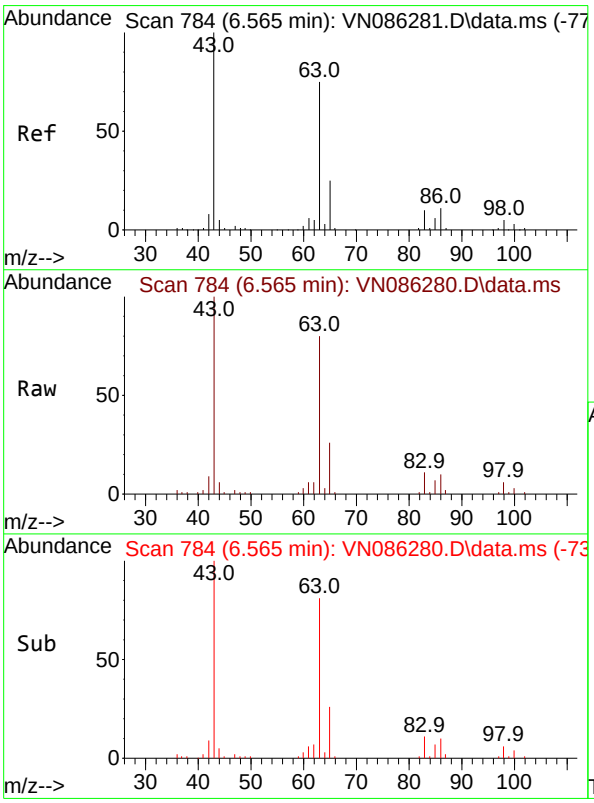
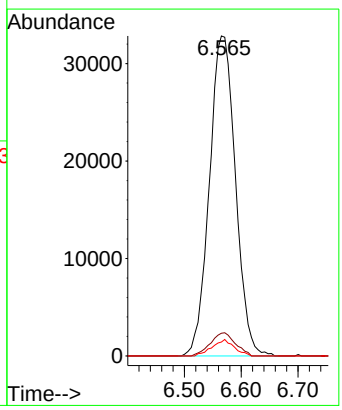
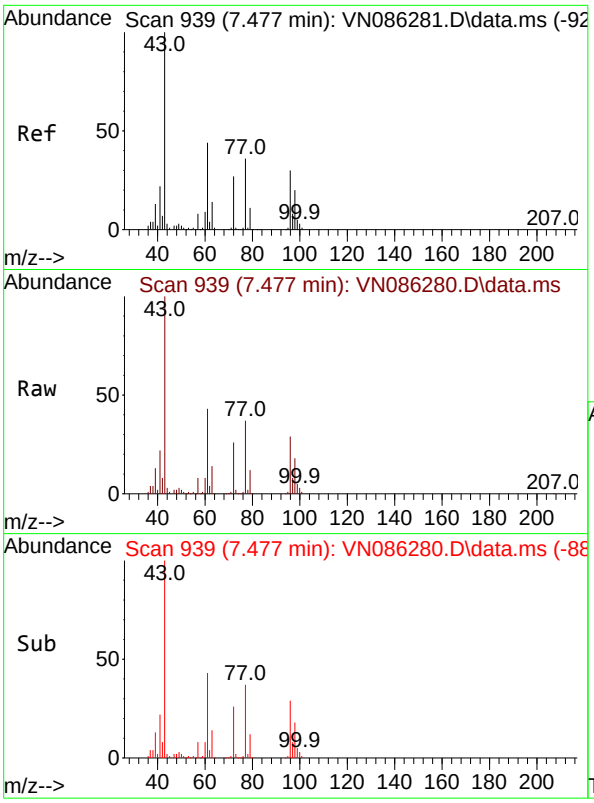


#24
1,1-Dichloroethane
Concen: 20.087 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 63 Resp: 104777

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.2
100	4.4	2.1	6.5





#25
2-Butanone
Concen: 103.191 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 20229

Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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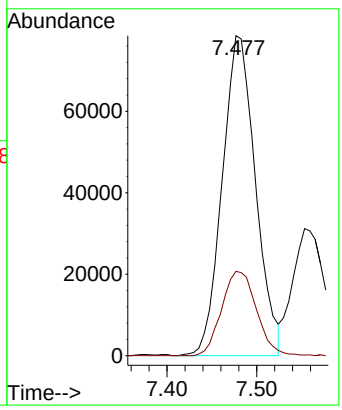
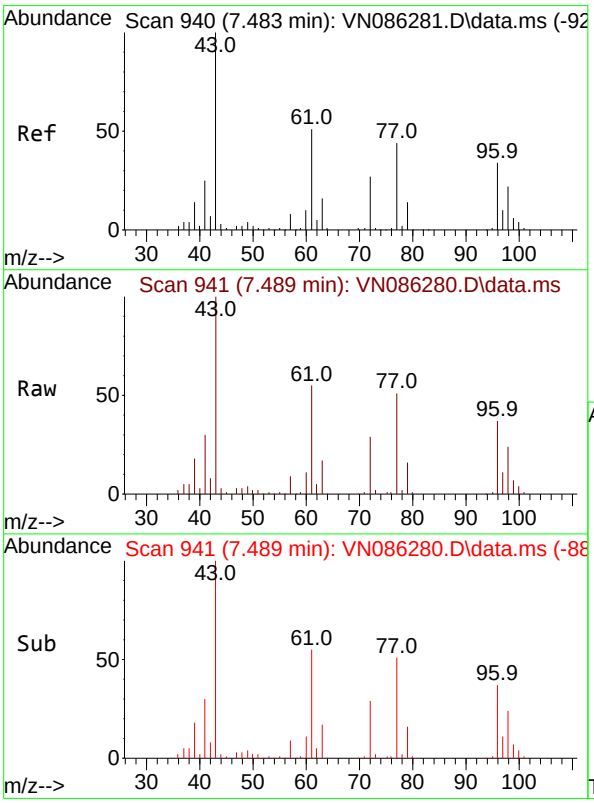
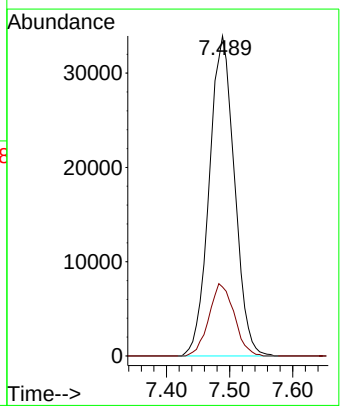


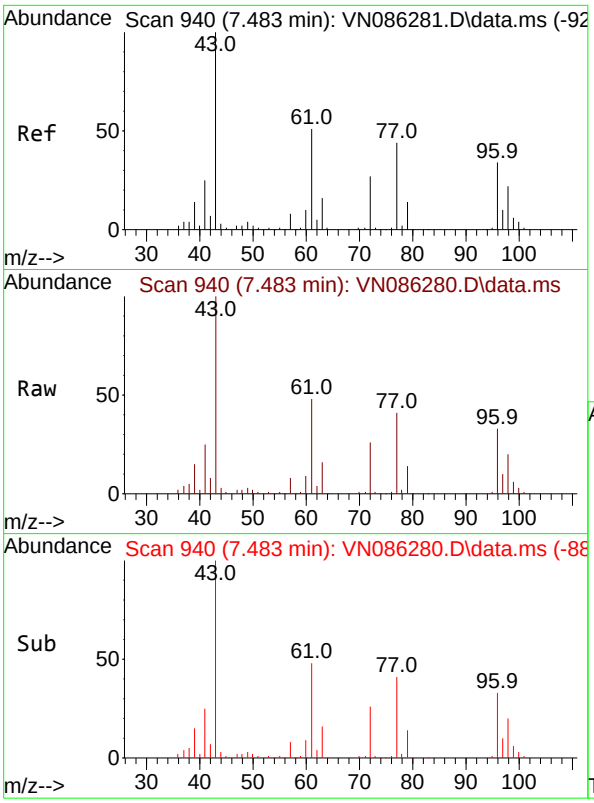


#26
2,2-Dichloropropane
Concen: 20.159 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 77 Resp: 94147

Ion	Ratio	Lower	Upper
77	100		
97	22.6	11.2	33.5





#27
cis-1,2-Dichloroethene
Concen: 20.001 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 96 Resp: 6634

Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	299.0
98	64.3	0.0	129.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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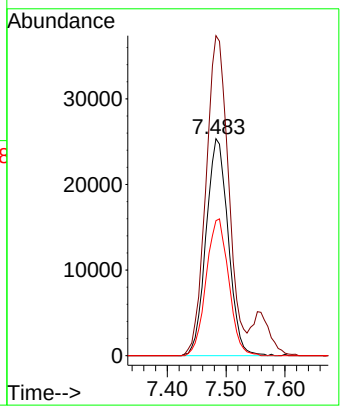
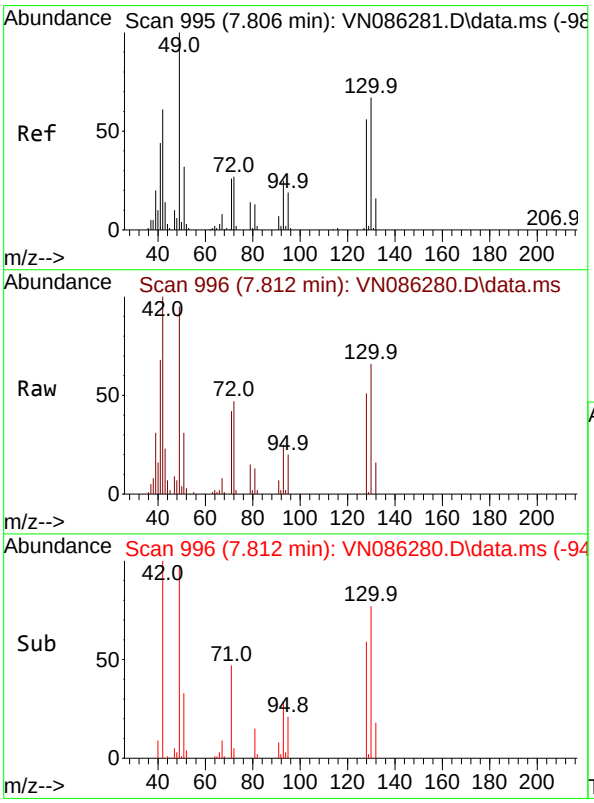
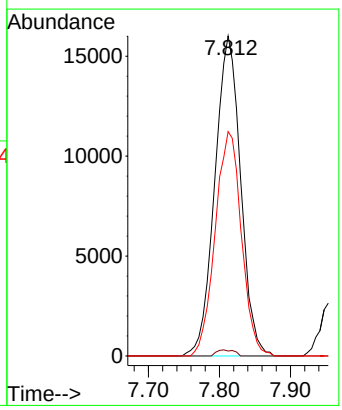


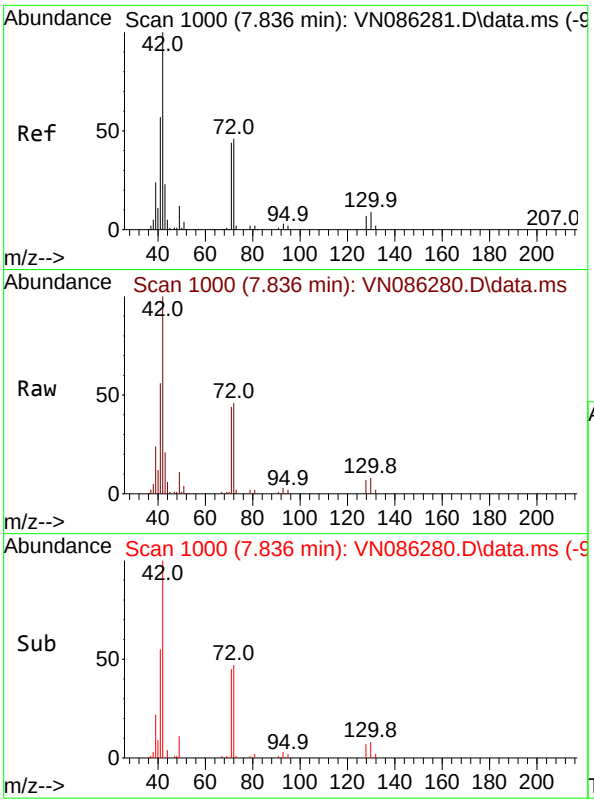


#28
Bromochloromethane
Concen: 18.263 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 49 Resp: 40391

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	71.2	57.1	85.7

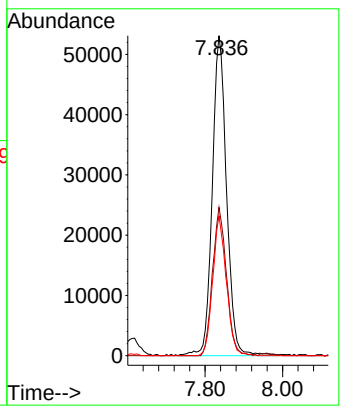




#29
Tetrahydrofuran
Concen: 104.008 ug/l
RT: 7.836 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 42 Resp: 13634

Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.2	54.4
71	41.3	34.0	51.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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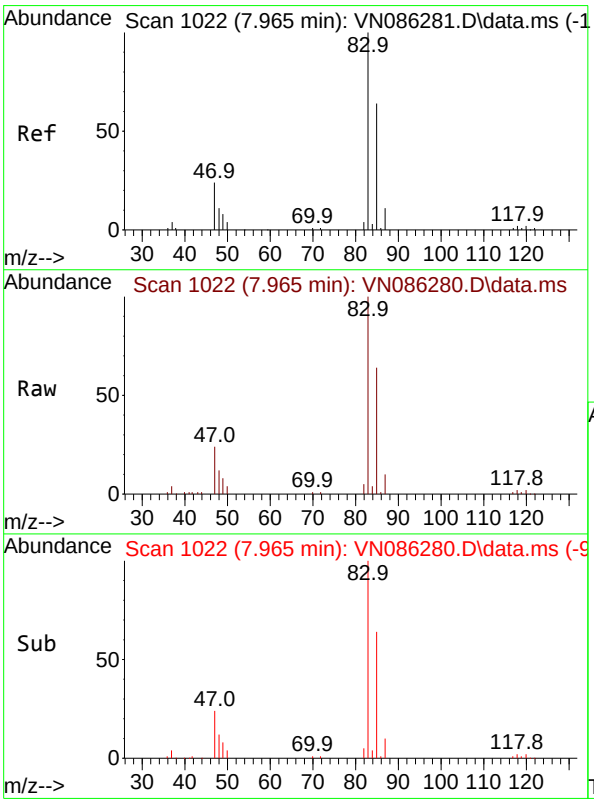
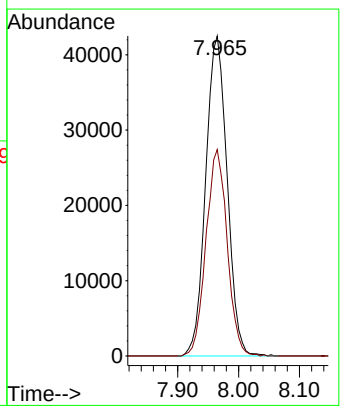
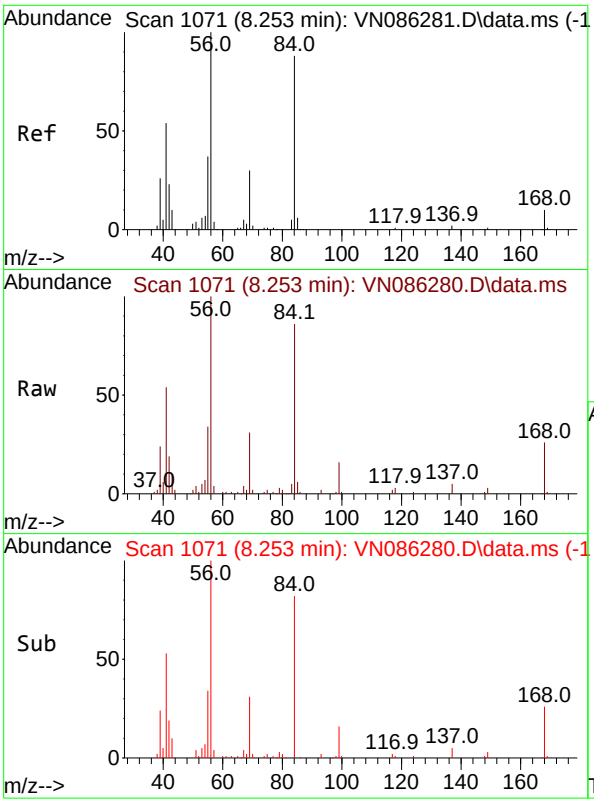


#30
Chloroform
Concen: 20.274 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 83 Resp: 103881

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3

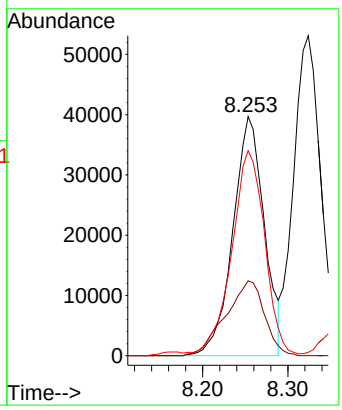




#31
Cyclohexane
Concen: 19.895 ug/l
RT: 8.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 56 Resp: 10154

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.2	36.2
84	84.2	70.3	105.5



Instrument :
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ClientSampleId :
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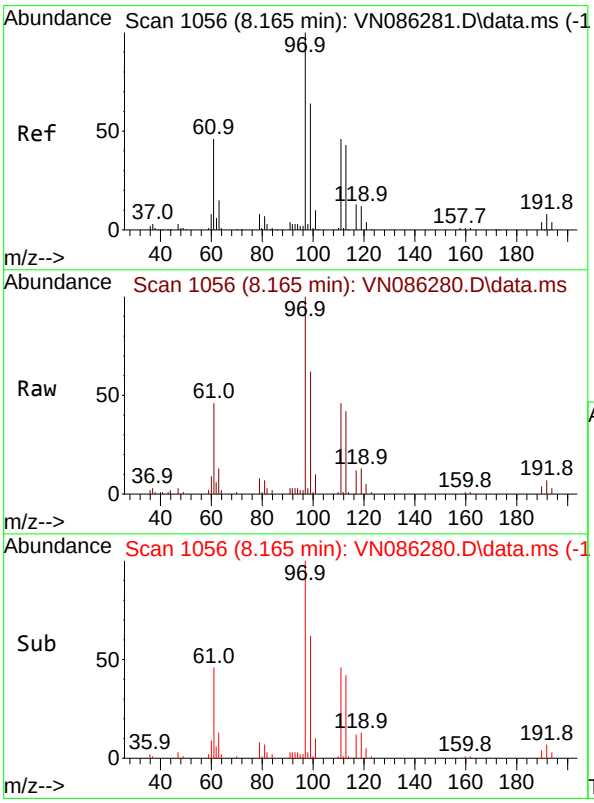
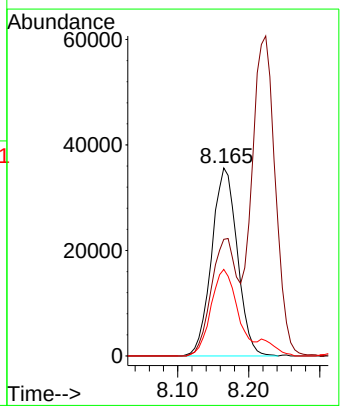
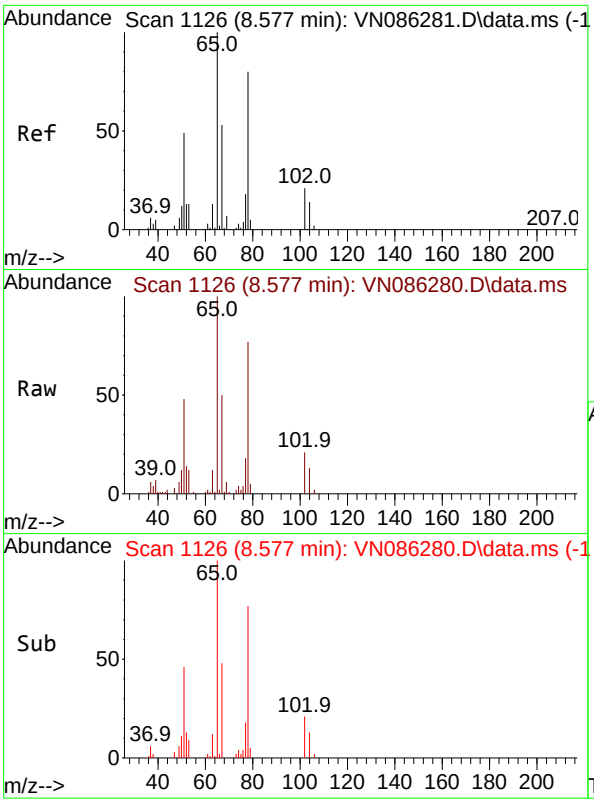


#32
1,1,1-Trichloroethane
Concen: 20.344 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 97 Resp: 89173

Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.7	79.1
61	48.7	39.5	59.3

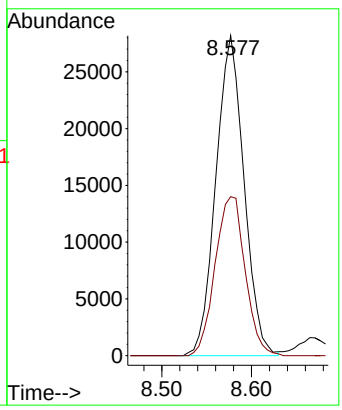




#33
1,2-Dichloroethane-d4
Concen: 19.513 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 65 Resp: 6145

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.0



Instrument :
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ClientSampleId :
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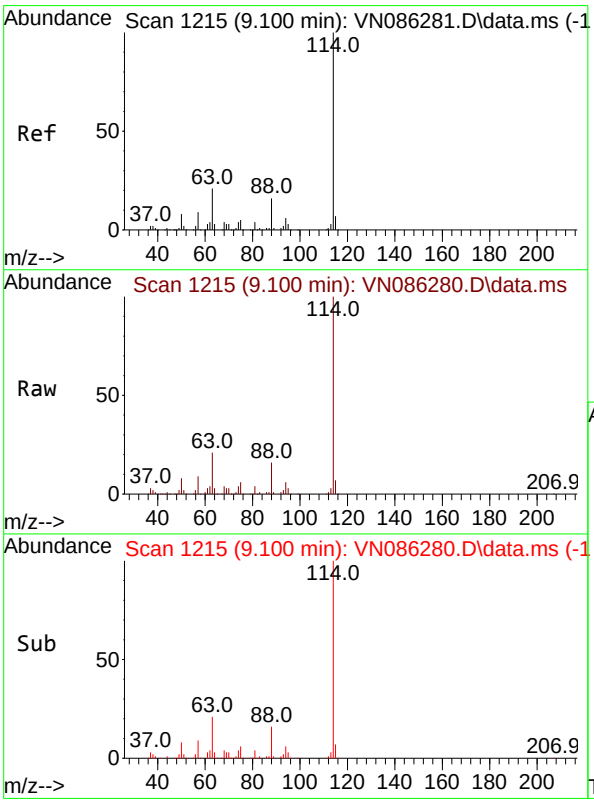
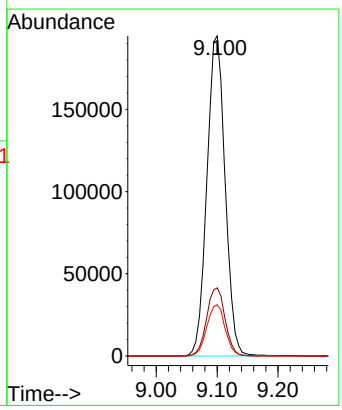
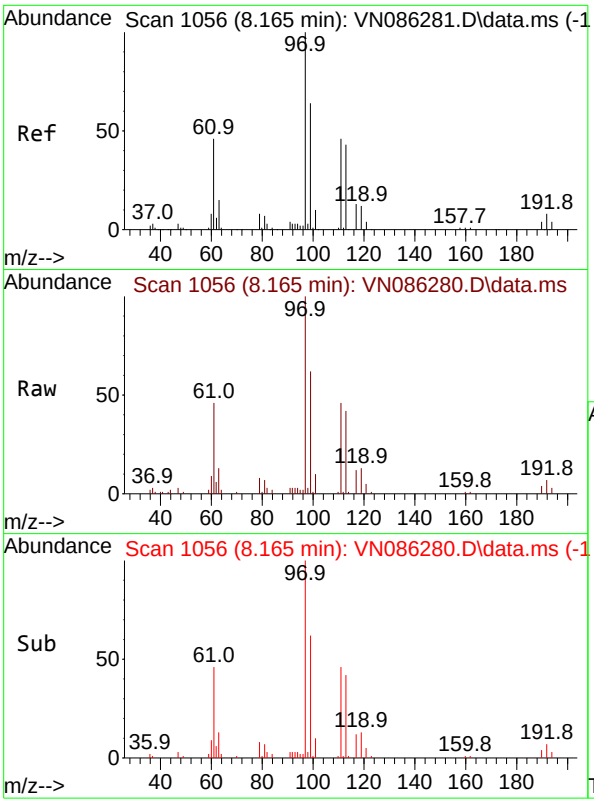


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:114 Resp: 404366

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.6
88	16.0	0.0	31.8

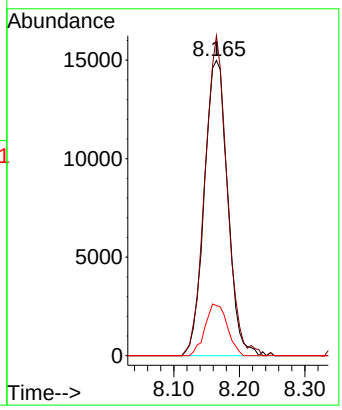




#35
Dibromofluoromethane
Concen: 19.819 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:113 Resp: 3719

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	16.5	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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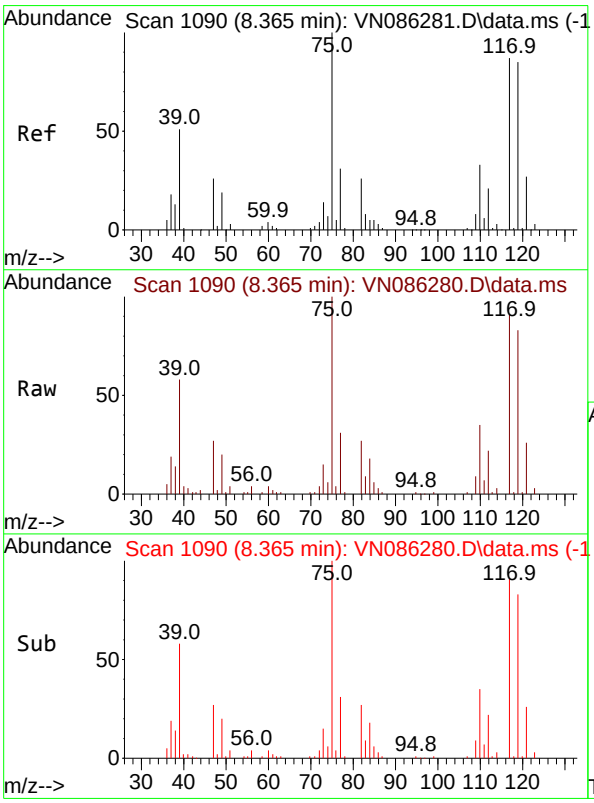
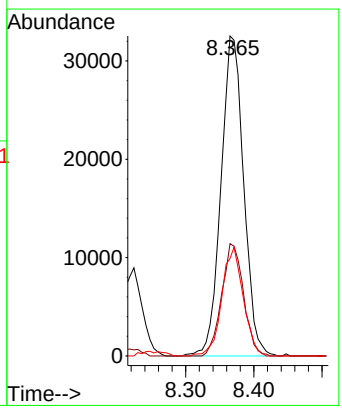
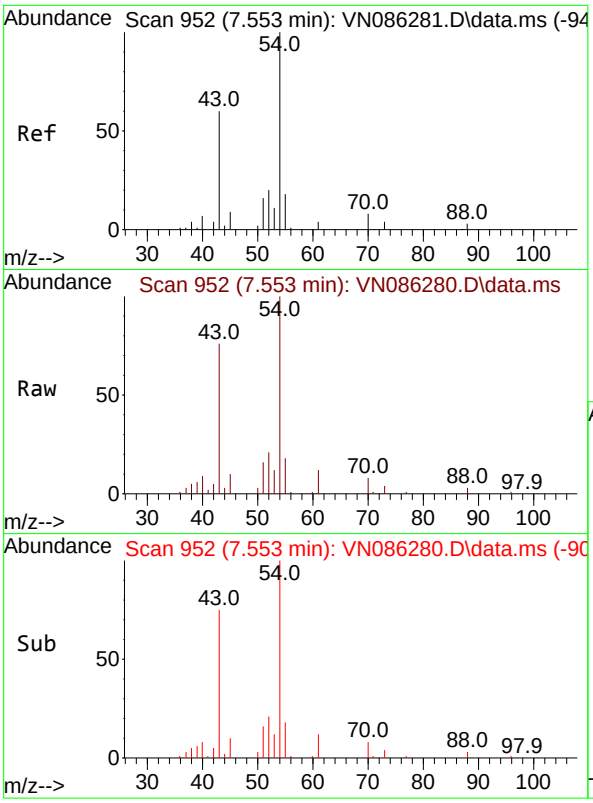


#36
1,1-Dichloropropene
Concen: 20.122 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 75426

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.8	50.4
77	32.0	24.9	37.3





#37
Ethyl Acetate
Concen: 20.115 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 7938

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	11.2	9.2	13.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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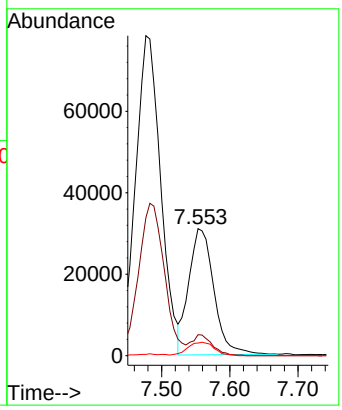
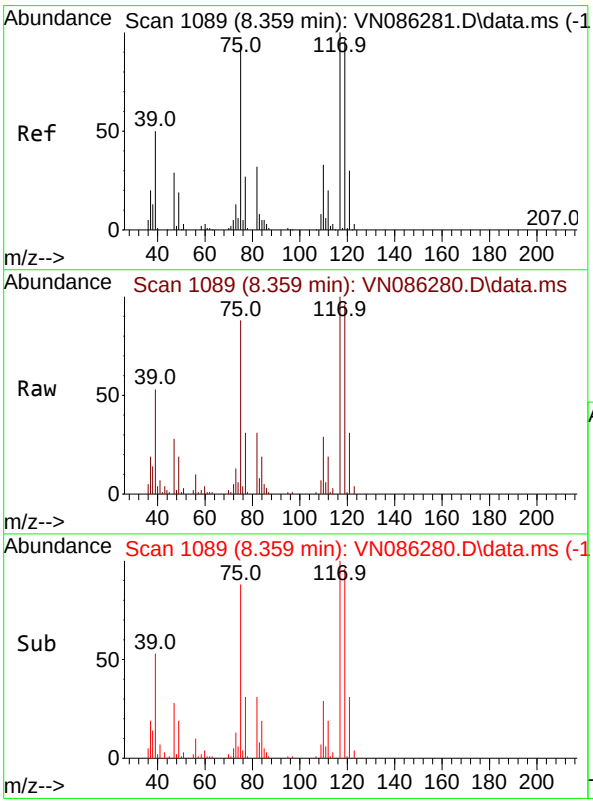
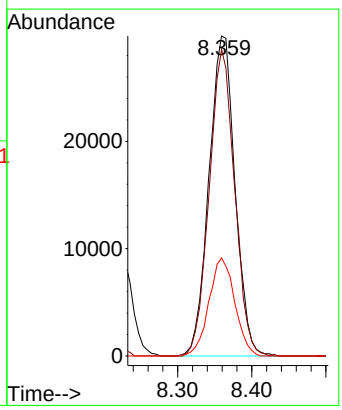


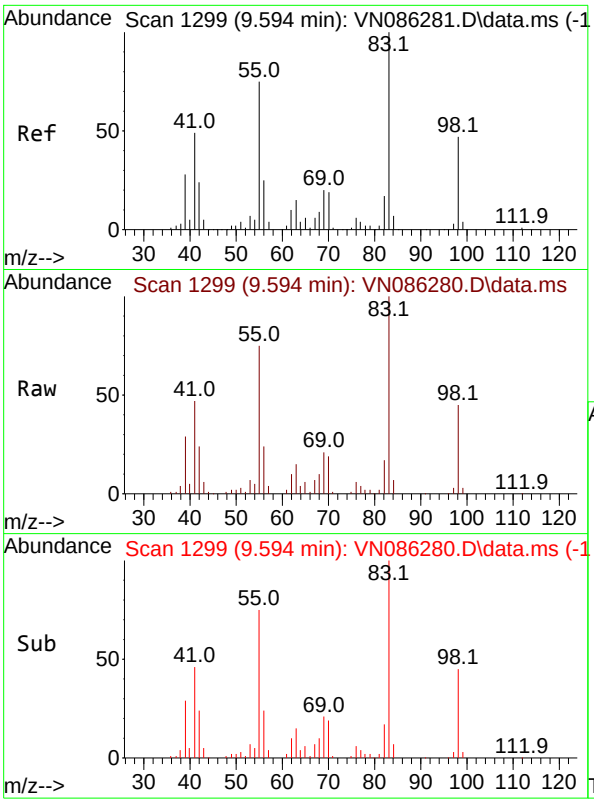


#38
Carbon Tetrachloride
Concen: 20.367 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:117 Resp: 72704

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.8	115.2
121	30.7	23.8	35.8

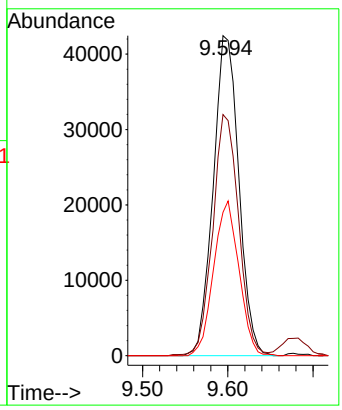




#39
Methylcyclohexane
Concen: 19.915 ug/l
RT: 9.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 83 Resp: 8872

Ion	Ratio	Lower	Upper
83	100		
55	75.0	59.8	89.8
98	44.8	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
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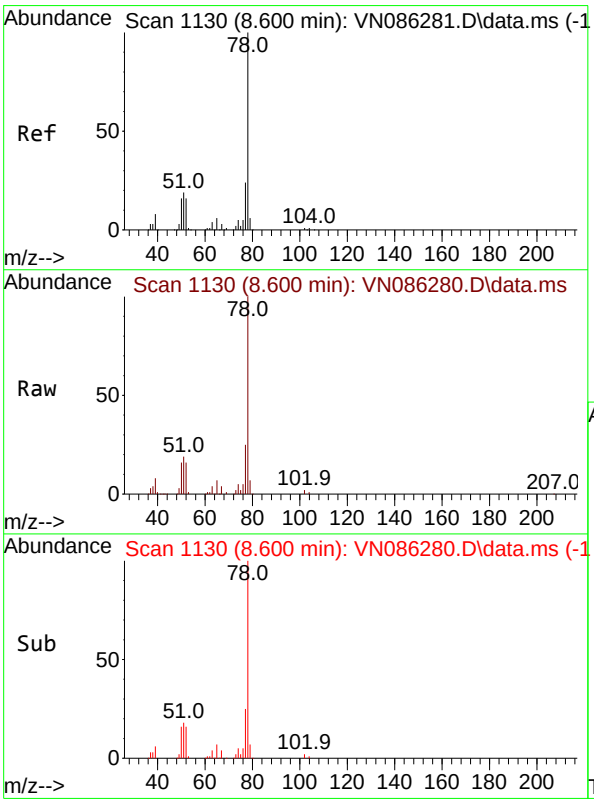
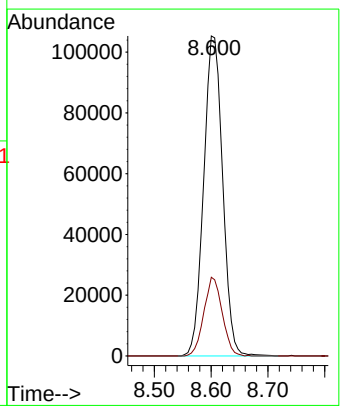
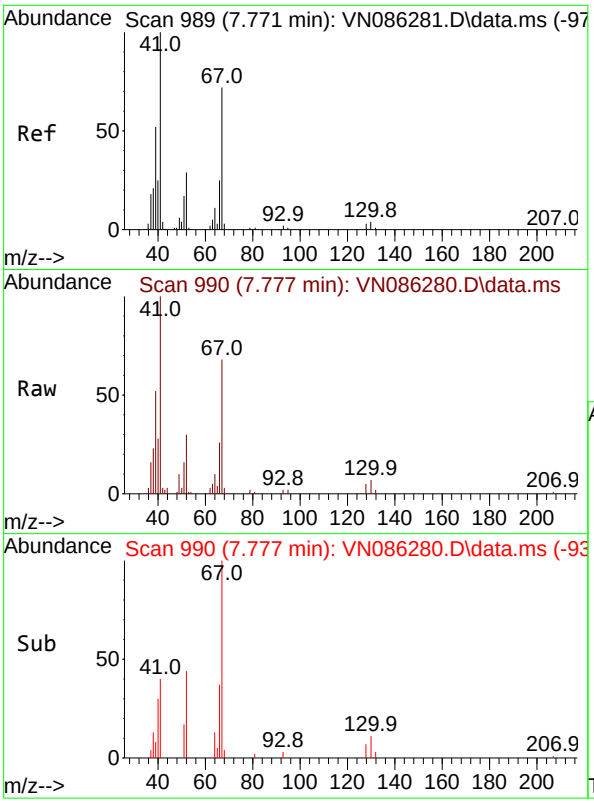


#40
Benzene
Concen: 20.310 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 78 Resp: 243918

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.2

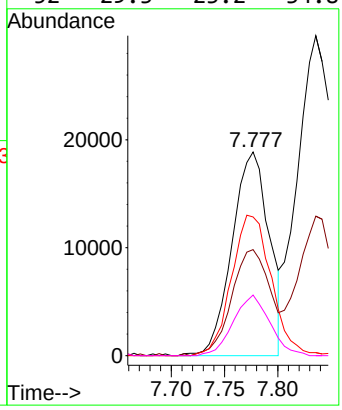




#41
Methacrylonitrile
Concen: 20.007 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 41 Resp: 4576

Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.0	64.4
67	74.0	58.8	88.2
52	29.3	23.2	34.8



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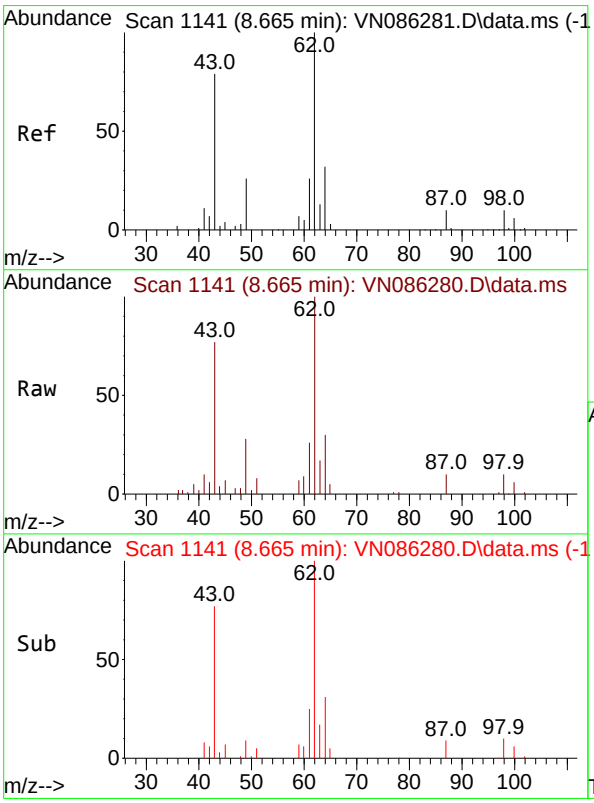
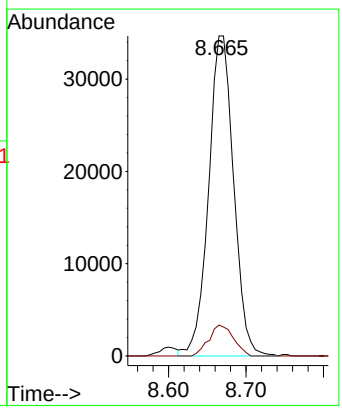
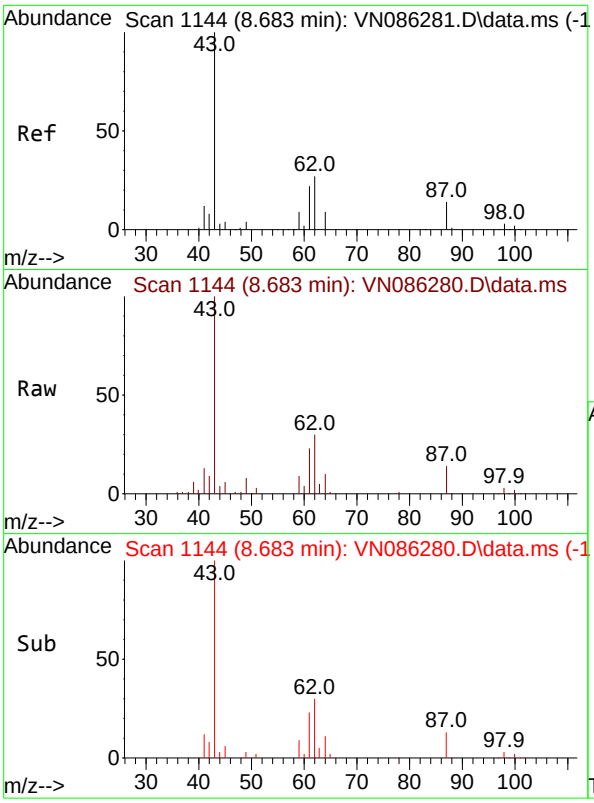


#42
1,2-Dichloroethane
Concen: 20.348 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 62 Resp: 77932

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43
Isopropyl Acetate
Concen: 20.921 ug/l
RT: 8.683 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 15775

Ion	Ratio	Lower	Upper
43	100		
61	24.6	20.5	30.7
87	12.9	10.5	15.7

Instrument :
MSVOA_N
ClientSampleId :
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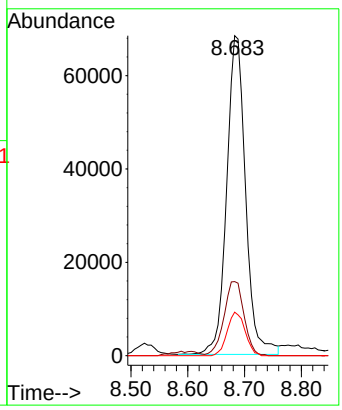
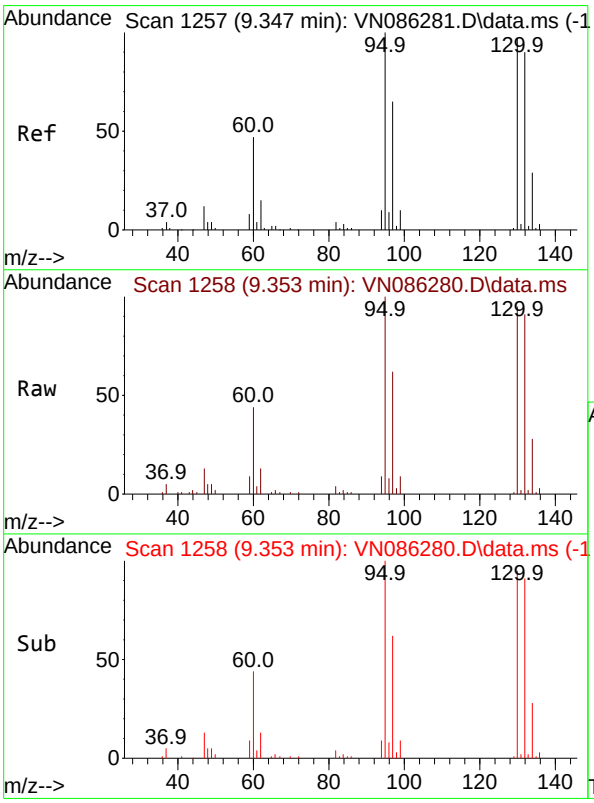
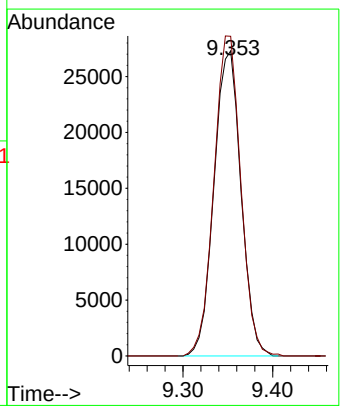


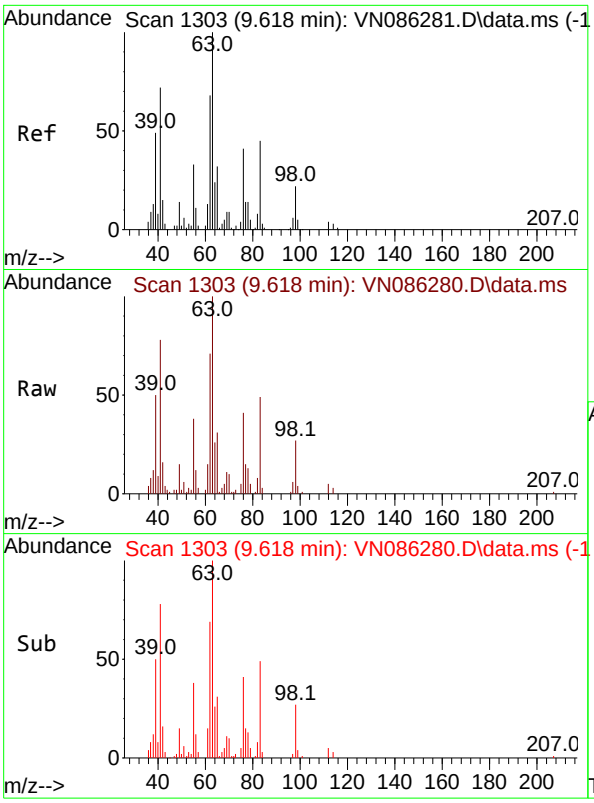


#44
Trichloroethene
Concen: 19.998 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:130 Resp: 56926

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	207.2

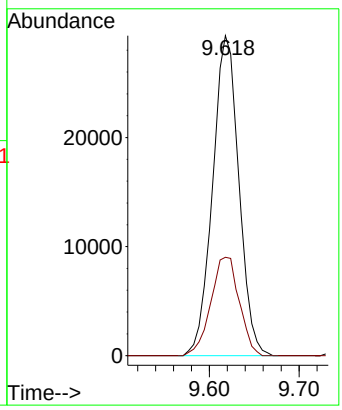




#45
1,2-Dichloropropane
Concen: 20.273 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 63 Resp: 5959

Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.4	38.2



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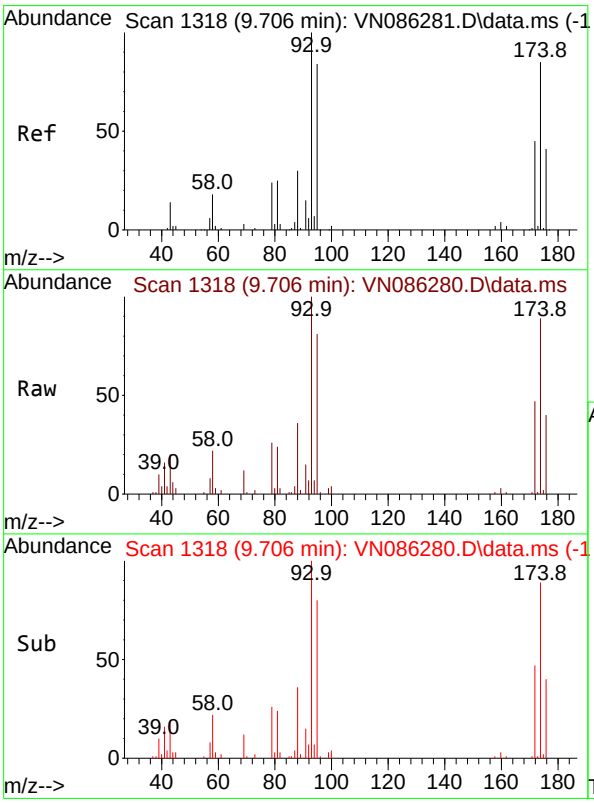
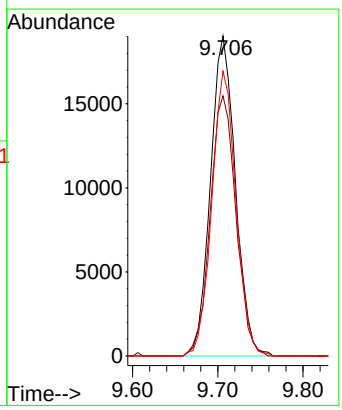
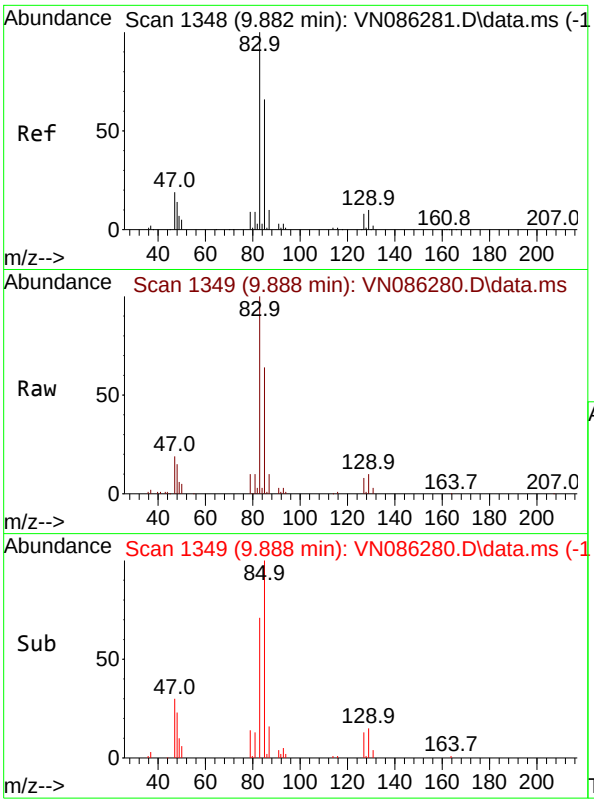


#46
Dibromomethane
Concen: 20.608 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 93 Resp: 38601

Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.2	99.4
174	86.8	67.8	101.6

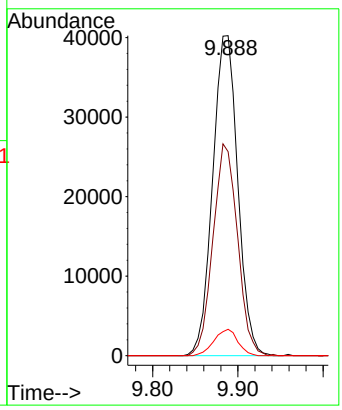




#47
Bromodichloromethane
Concen: 20.397 ug/l
RT: 9.888 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 83 Resp: 8251

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	78.8
127	8.2	6.1	9.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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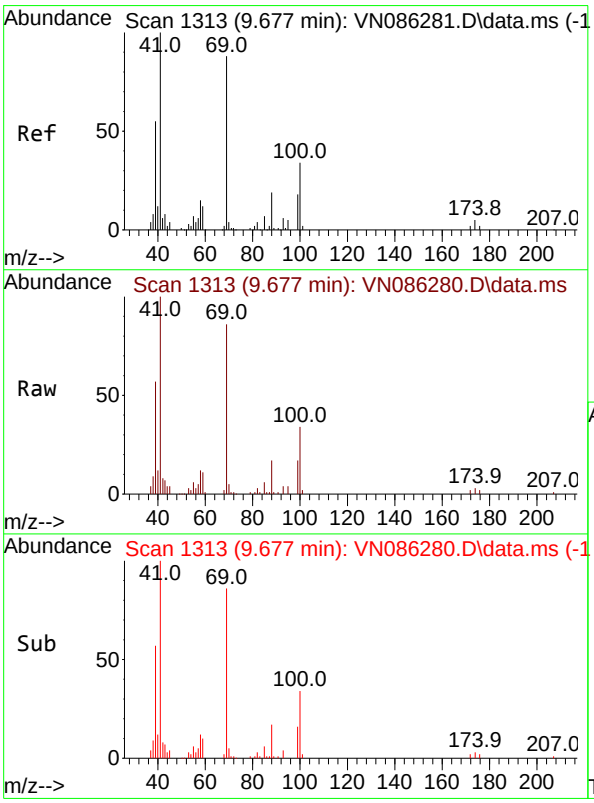
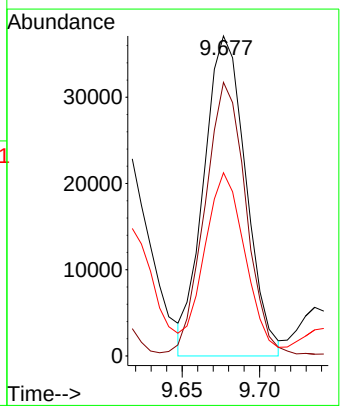
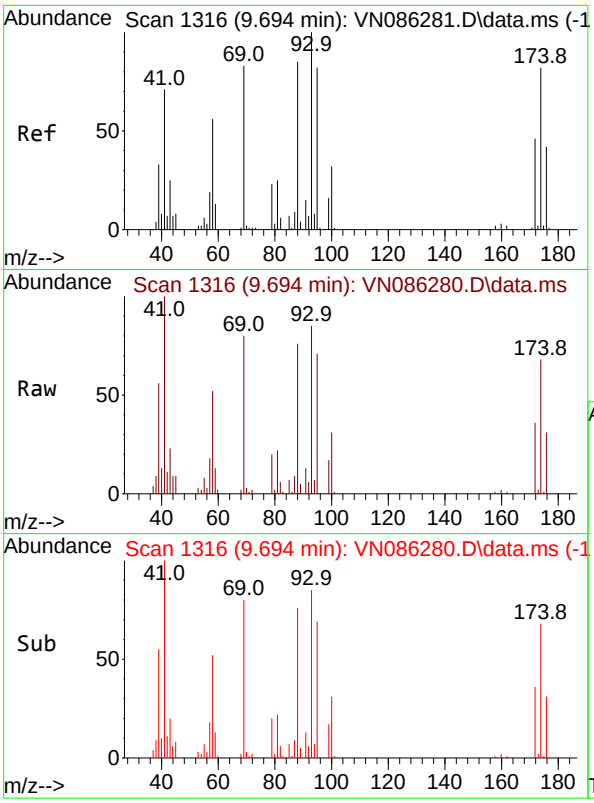


#48
Methyl methacrylate
Concen: 20.195 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 41 Resp: 69986

Ion	Ratio	Lower	Upper
41	100		
69	84.6	68.2	102.2
39	56.1	45.2	67.8

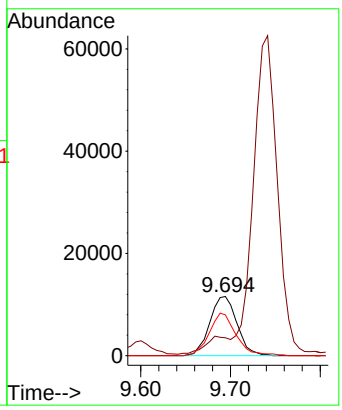




#49
1,4-Dioxane
Concen: 413.277 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 88 Resp: 2436

Ion	Ratio	Lower	Upper
88	100		
43	27.3	23.8	35.8
58	71.1	57.4	86.2



Instrument :
MSVOA_N
ClientSampleId :
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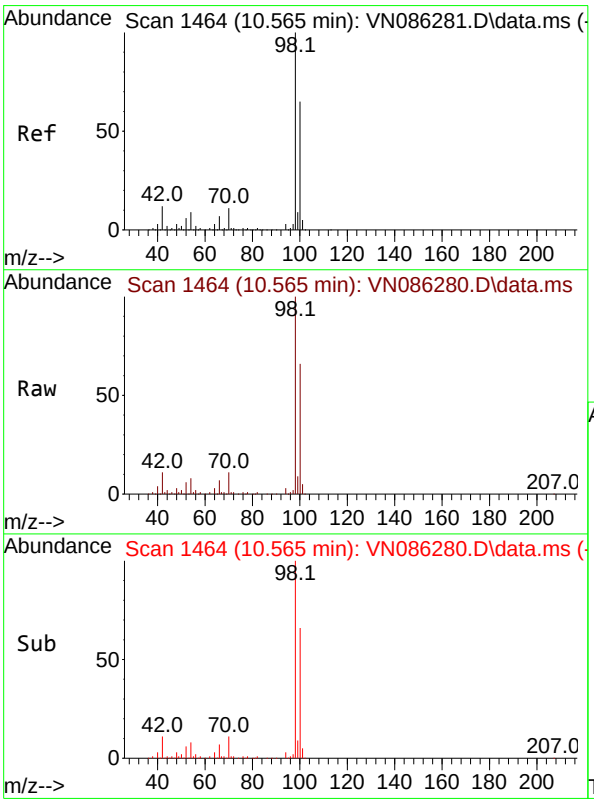
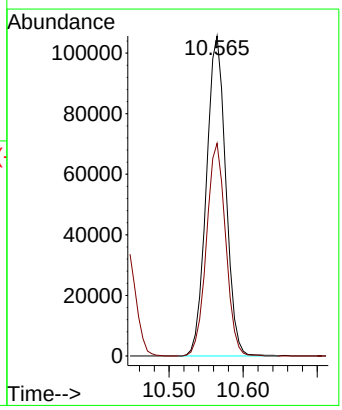
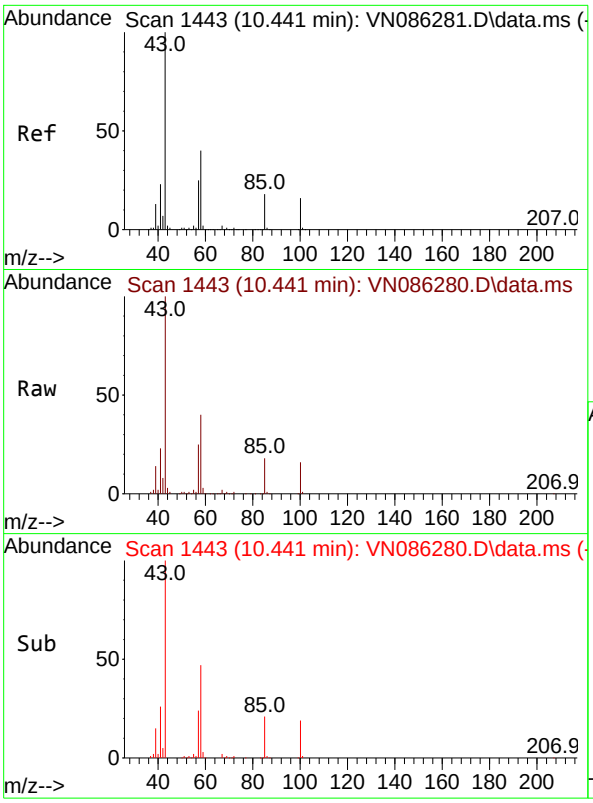


#50
Toluene-d8
Concen: 19.112 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 98 Resp: 191691

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 104.297 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 42147

Ion	Ratio	Lower	Upper
43	100		
58	40.5	32.2	48.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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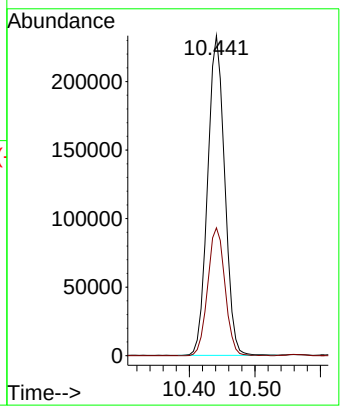
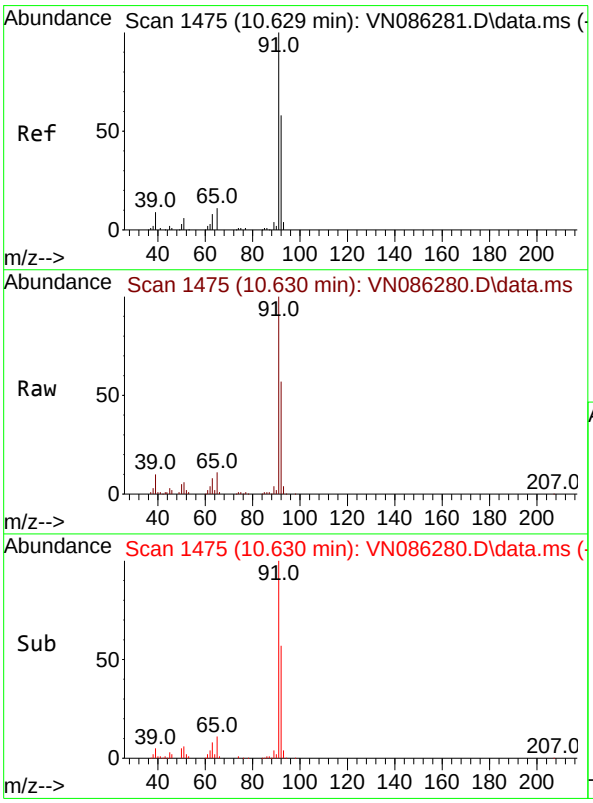
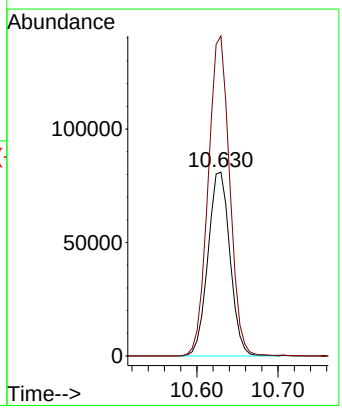


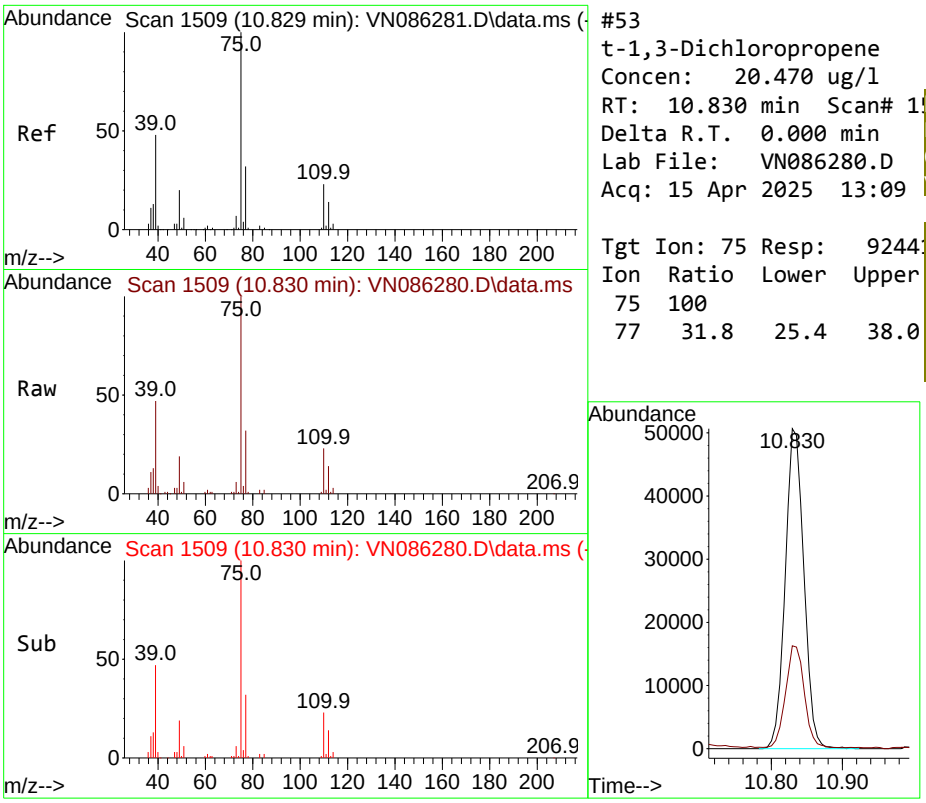


#52
Toluene
Concen: 20.317 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 92 Resp: 152248

Ion	Ratio	Lower	Upper
92	100		
91	170.4	137.3	205.9





#53
t-1,3-Dichloropropene
Concen: 20.470 ug/l
RT: 10.830 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 9244

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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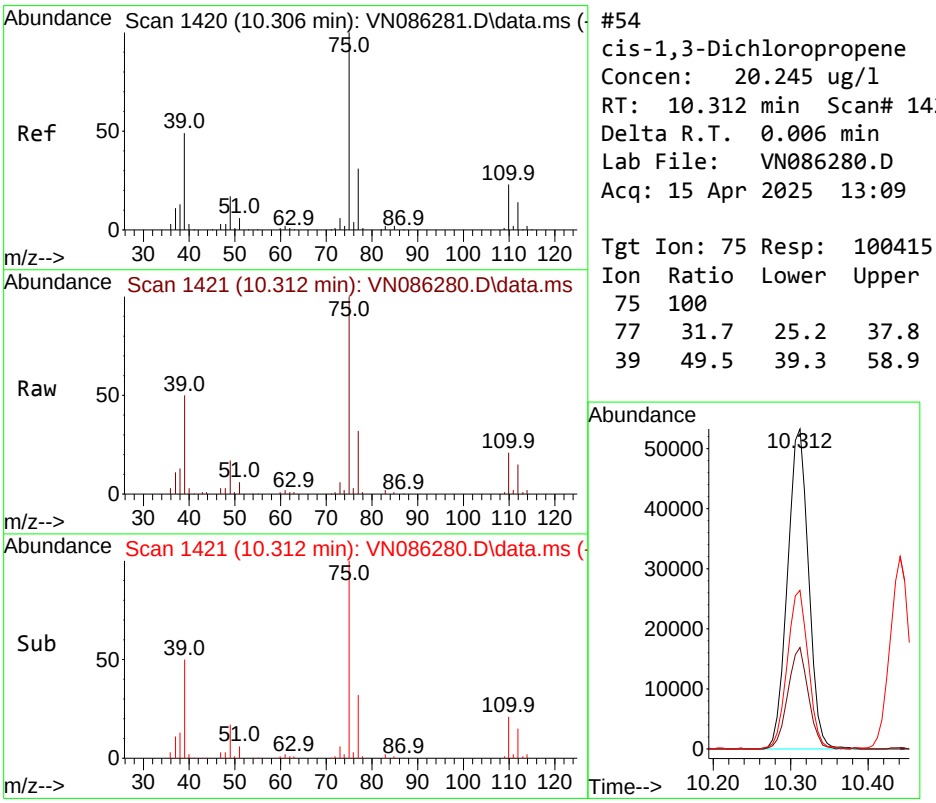
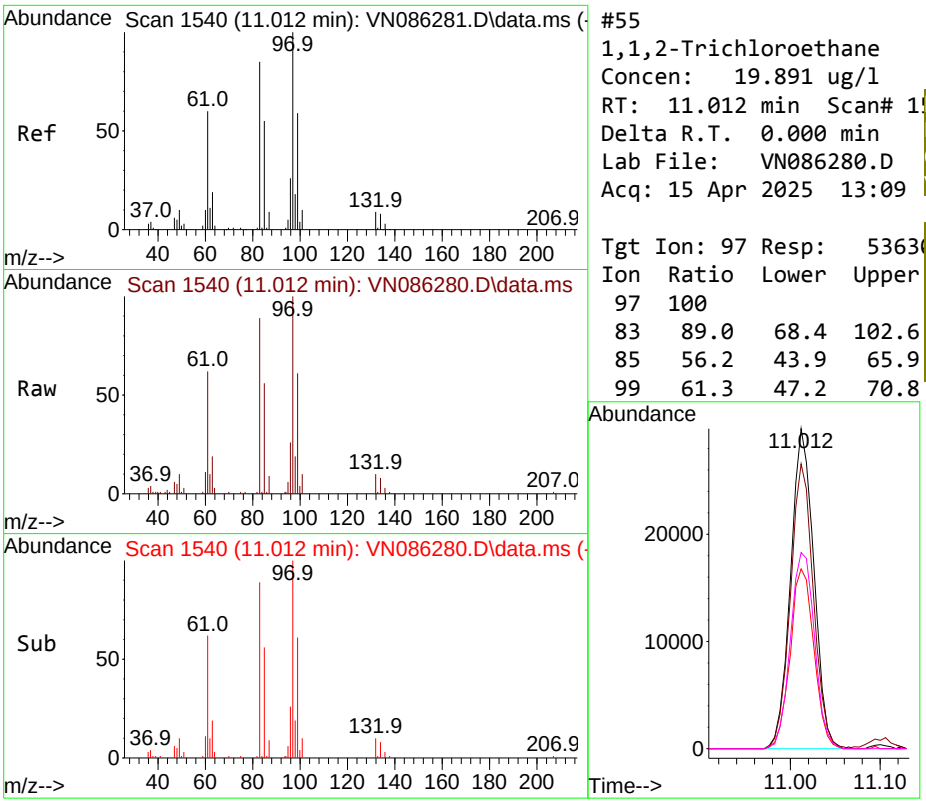


#54
cis-1,3-Dichloropropene
Concen: 20.245 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 100415

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
39	49.5	39.3	58.9



#55
1,1,2-Trichloroethane
Concen: 19.891 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 97 Resp: 5363

Ion	Ratio	Lower	Upper
97	100		
83	89.0	68.4	102.6
85	56.2	43.9	65.9
99	61.3	47.2	70.8

Instrument :
MSVOA_N
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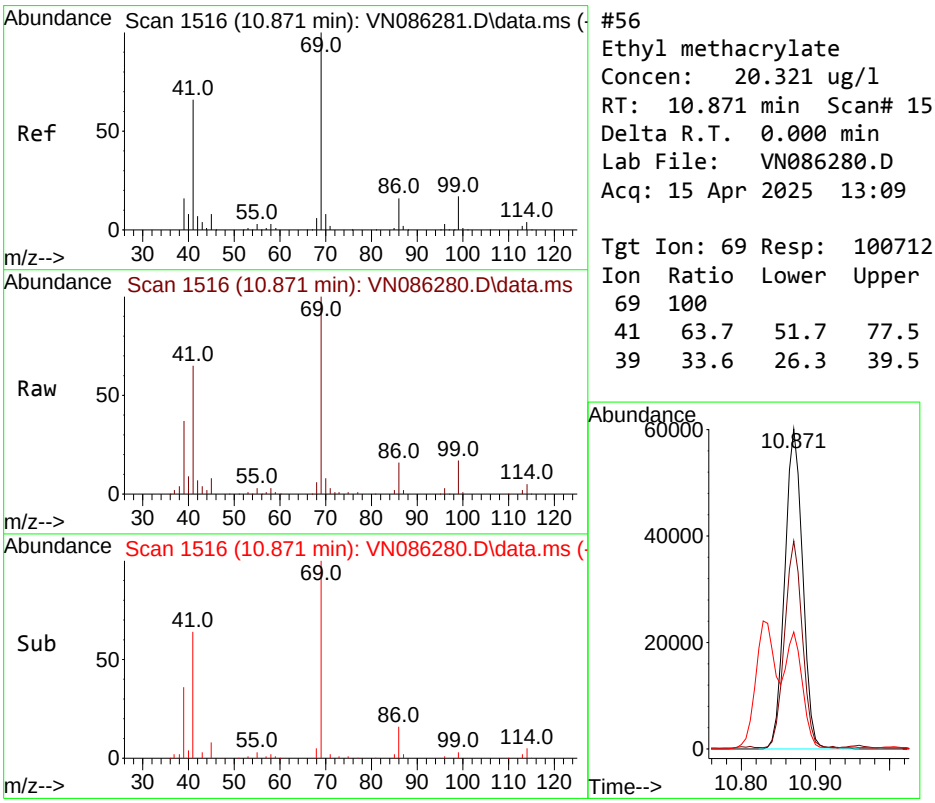
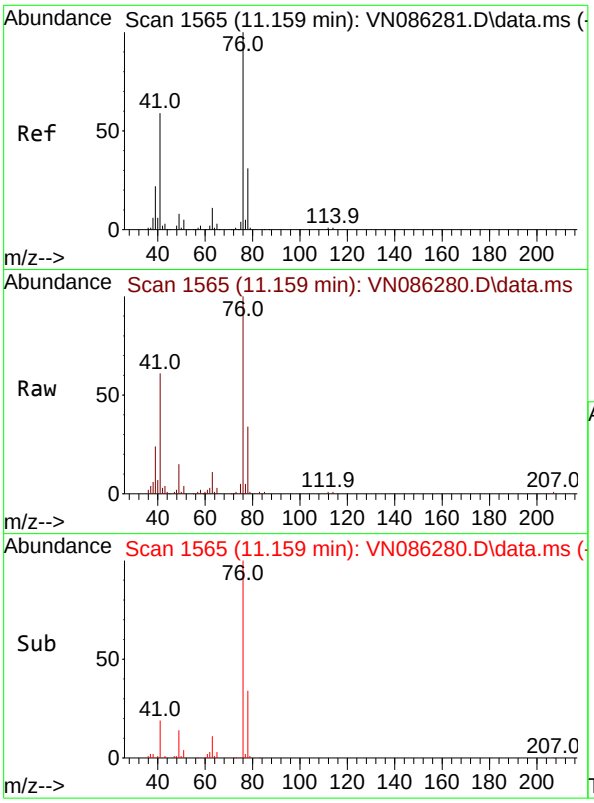


#56
Ethyl methacrylate
Concen: 20.321 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 69 Resp: 100712

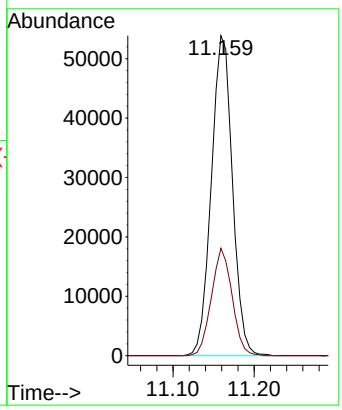
Ion	Ratio	Lower	Upper
69	100		
41	63.7	51.7	77.5
39	33.6	26.3	39.5



#57
1,3-Dichloropropane
Concen: 20.353 ug/l
RT: 11.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 76 Resp: 9736

Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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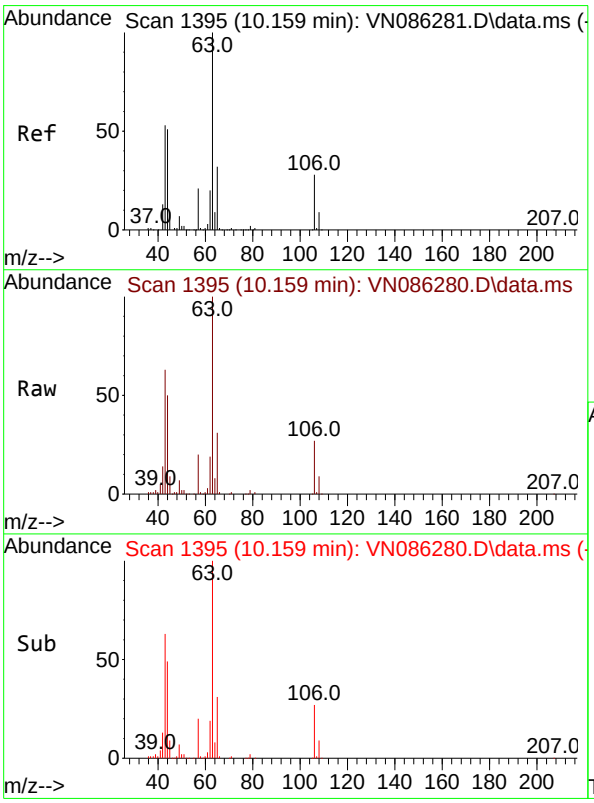
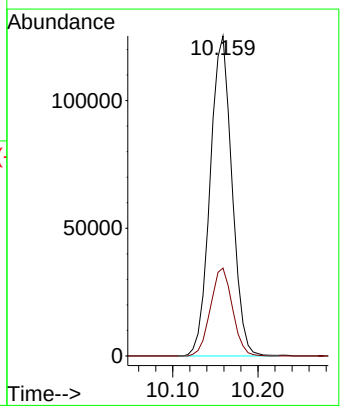
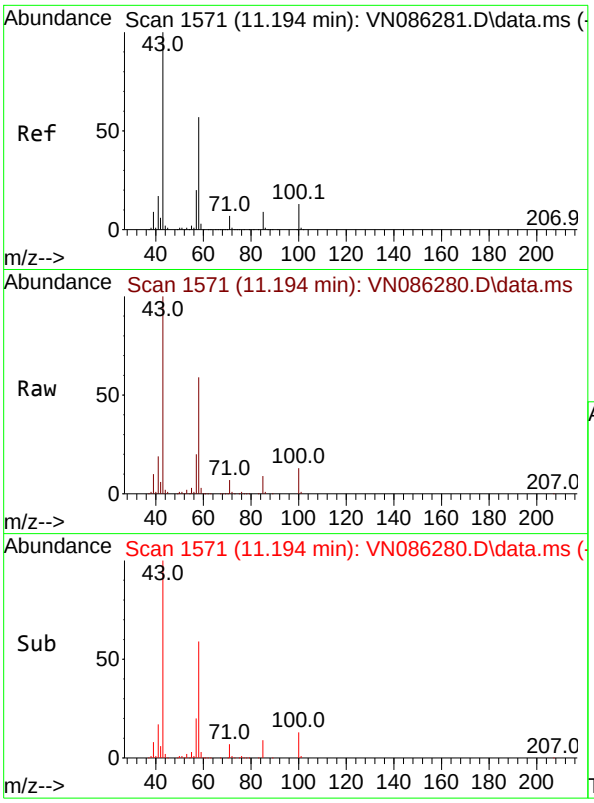


#58
2-Chloroethyl Vinyl ether
Concen: 94.702 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 63 Resp: 222766

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.2	33.2





#59
2-Hexanone
Concen: 103.408 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 30995

Ion	Ratio	Lower	Upper
43	100		
58	56.9	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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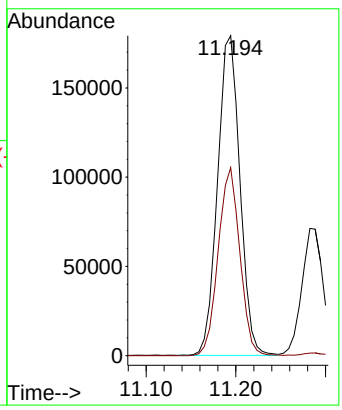
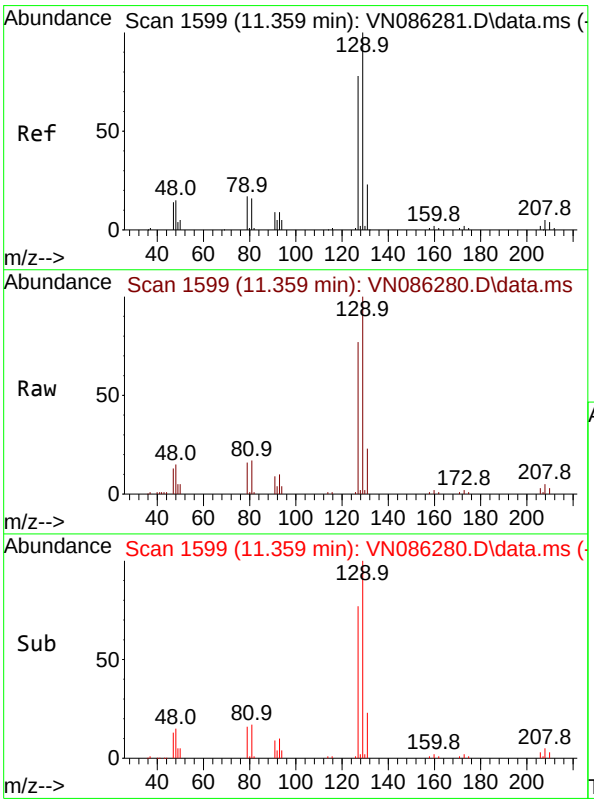
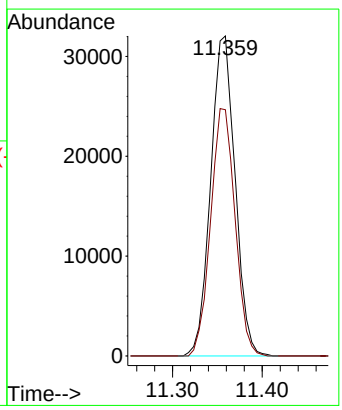


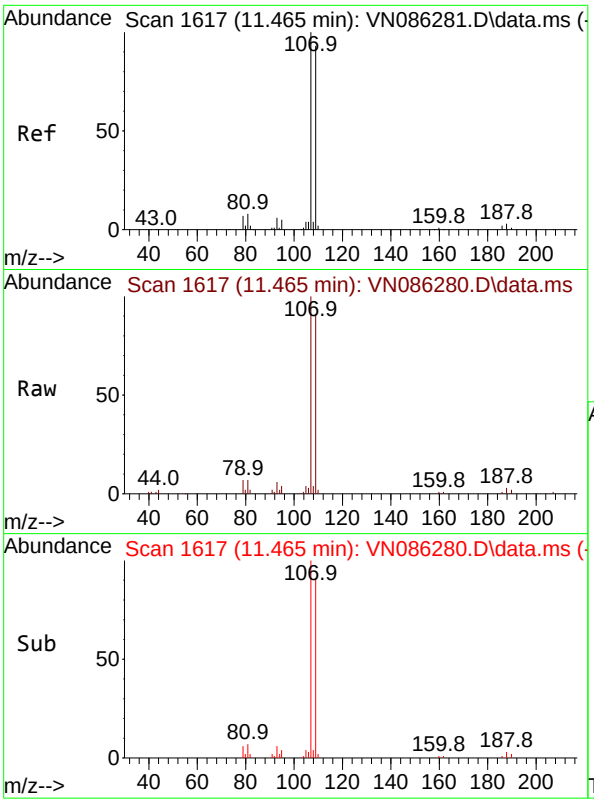


#60
Dibromochloromethane
Concen: 20.467 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:129 Resp: 60596

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.7	116.1





#61
1,2-Dibromoethane
Concen: 20.834 ug/l
RT: 11.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:107 Resp: 5667

Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.4	113.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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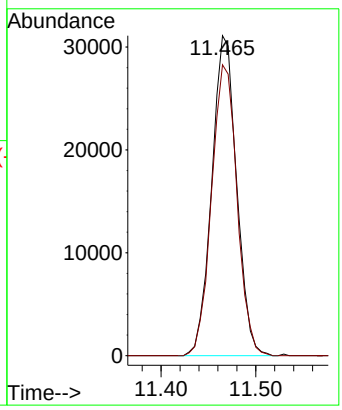
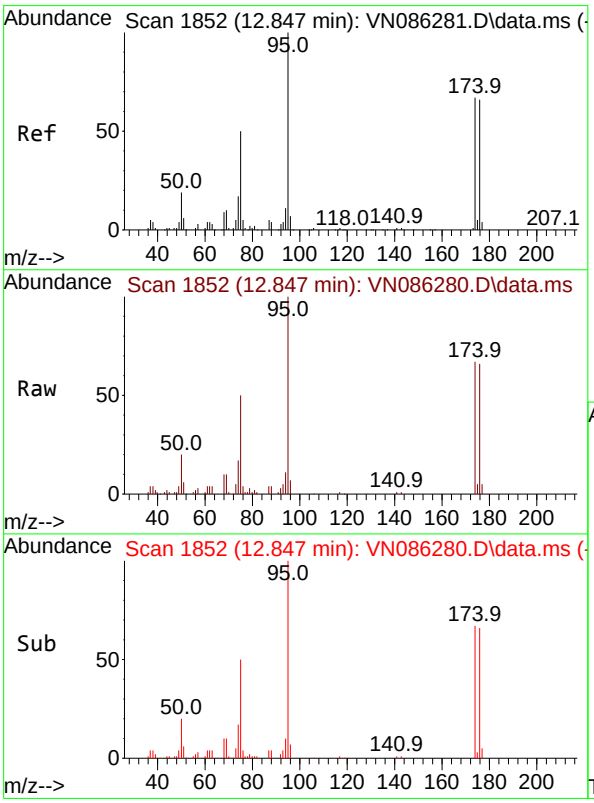
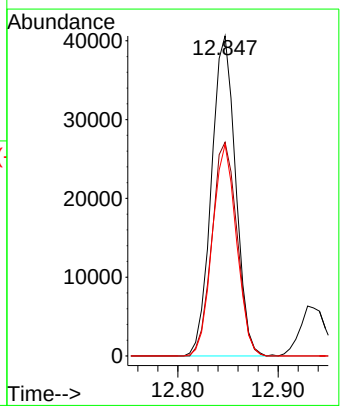


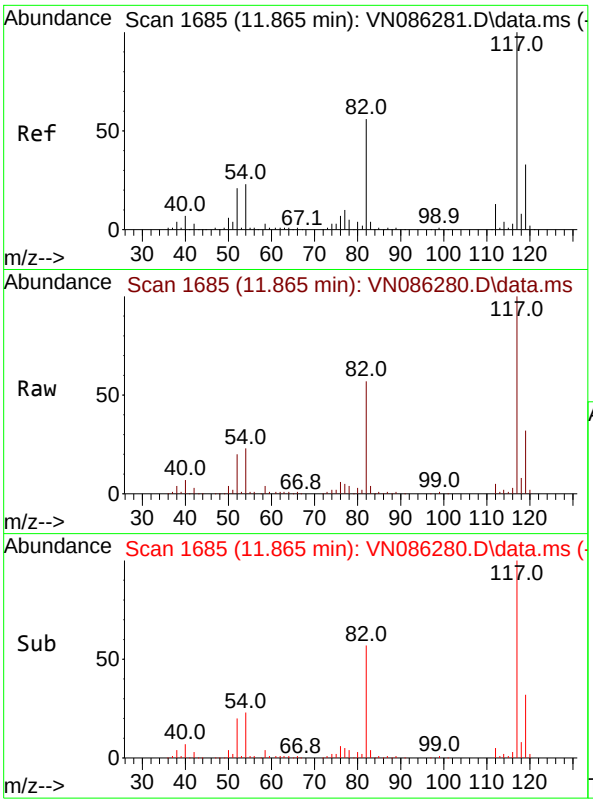


#62
4-Bromofluorobenzene
Concen: 18.596 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 95 Resp: 68030

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	133.4
176	66.0	0.0	129.2

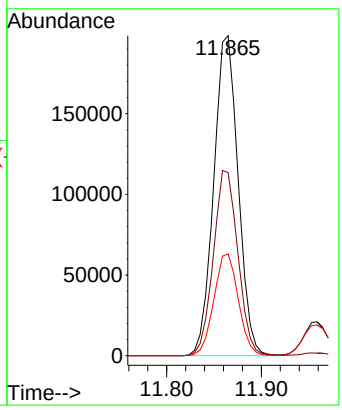




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:117 Resp: 35562

Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.7	67.1
119	31.8	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
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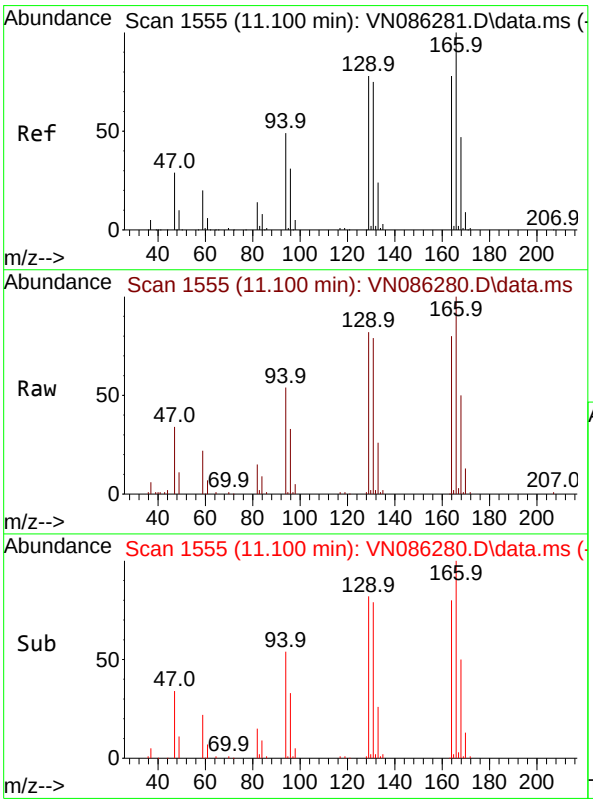
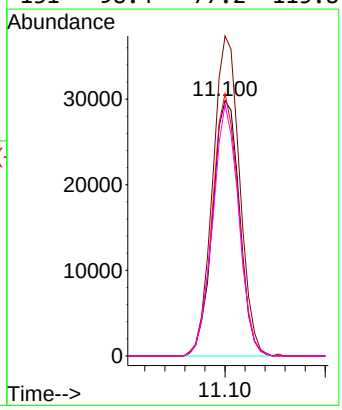
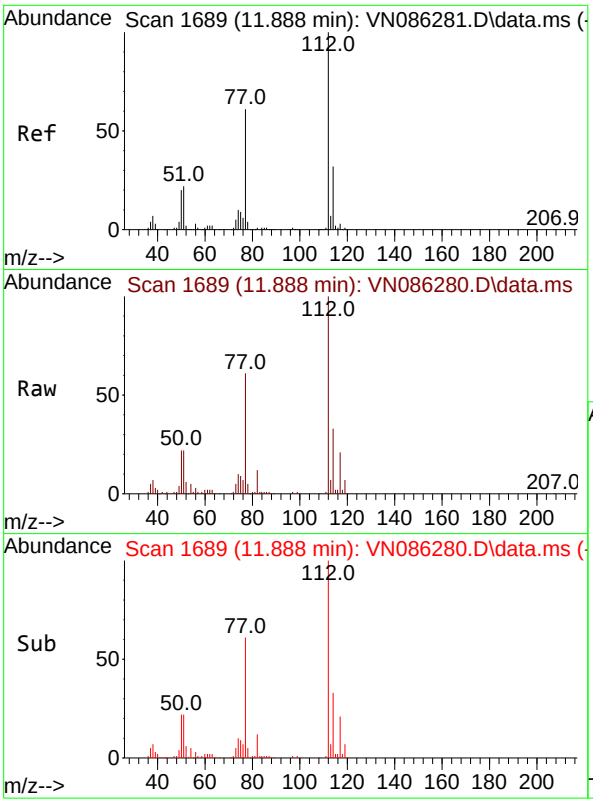


#64
Tetrachloroethene
Concen: 20.282 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:164 Resp: 55481

Ion	Ratio	Lower	Upper
164	100		
166	125.3	103.0	154.4
129	102.7	80.1	120.1
131	98.4	77.2	115.8

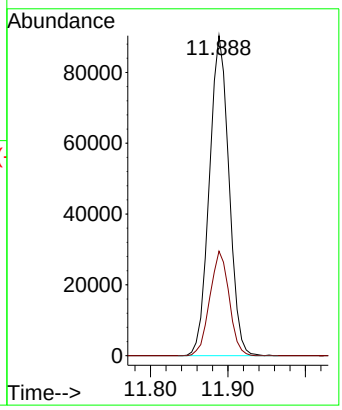




#65
Chlorobenzene
Concen: 20.024 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:112 Resp: 15891

Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.4	38.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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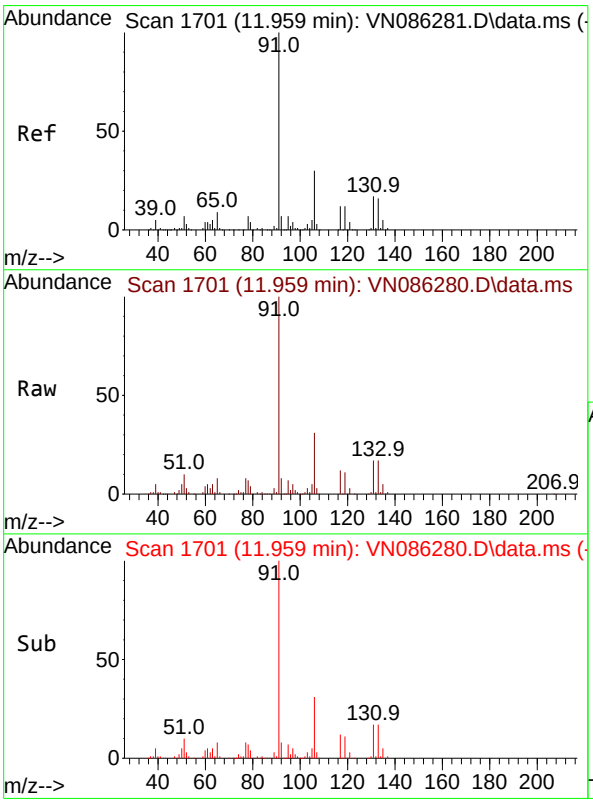
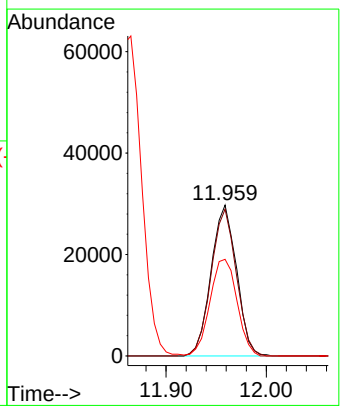
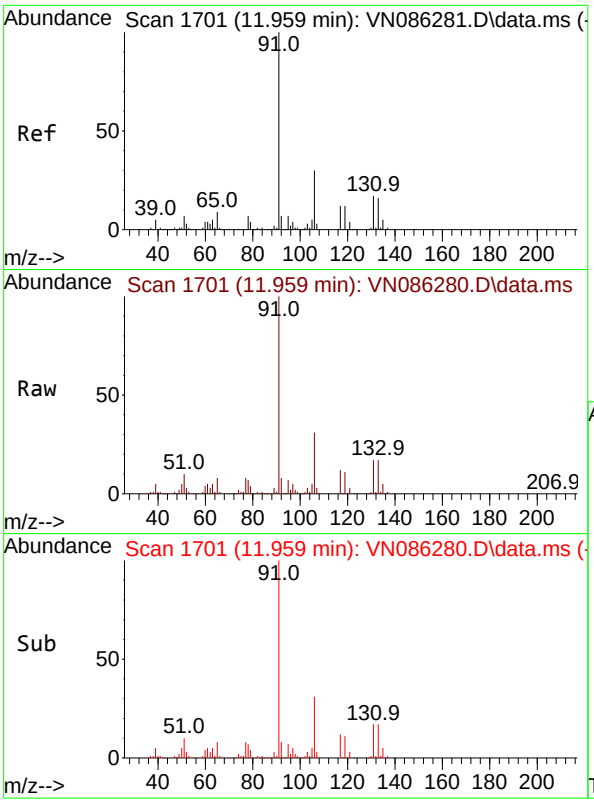


#66
1,1,1,2-Tetrachloroethane
Concen: 20.010 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:131 Resp: 52389

Ion	Ratio	Lower	Upper
131	100		
133	96.9	47.1	141.3
119	68.2	33.8	101.4





#67
Ethyl Benzene
Concen: 20.144 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 91 Resp: 28848

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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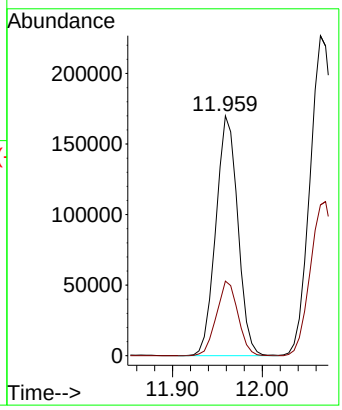
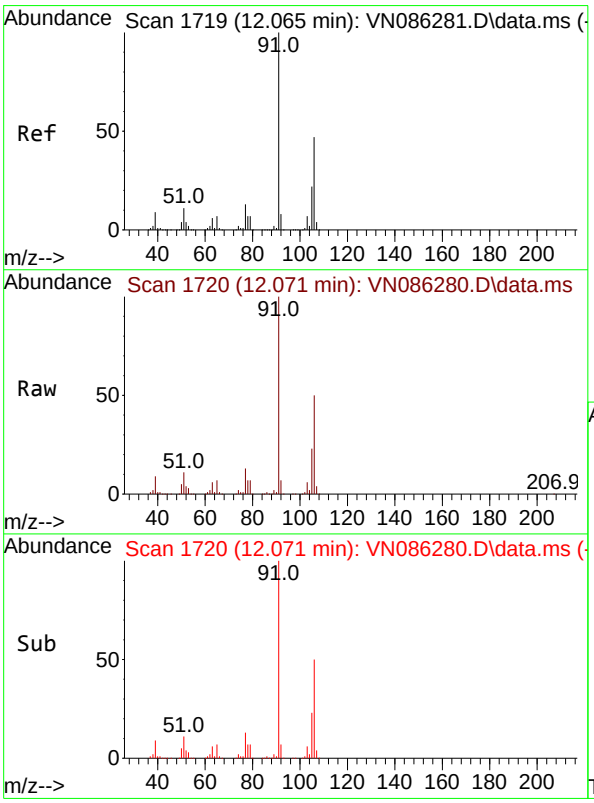
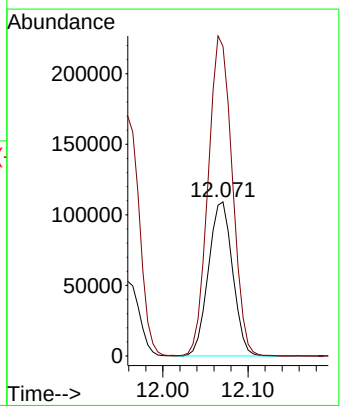


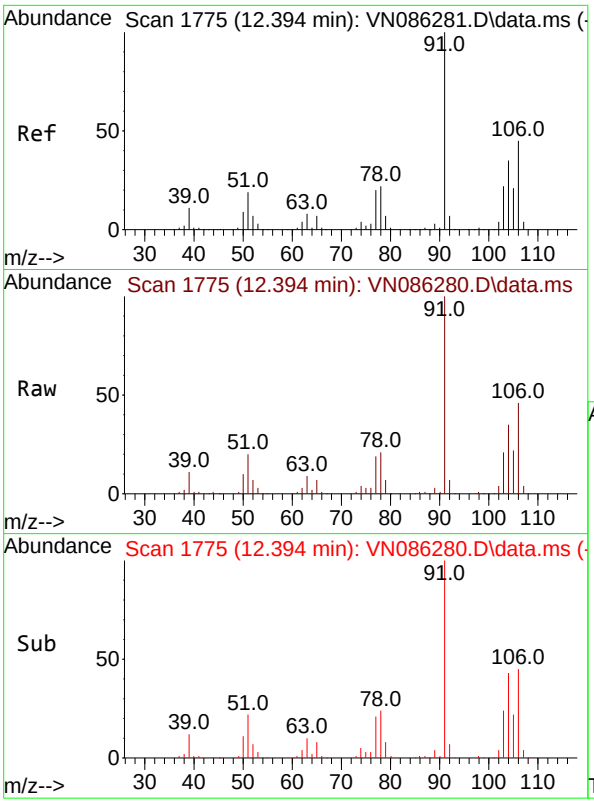


#68
m/p-Xylenes
Concen: 40.122 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:106 Resp: 215301

Ion	Ratio	Lower	Upper
106	100		
91	207.0	166.5	249.7

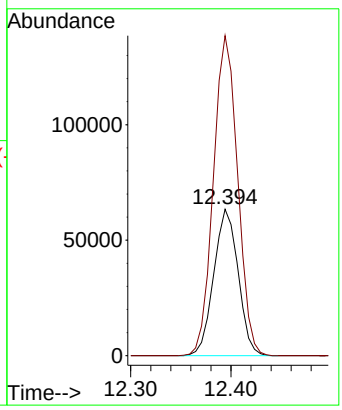




#69
o-Xylene
Concen: 20.193 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:106 Resp: 10716

Ion	Ratio	Lower	Upper
106	100		
91	217.5	109.7	329.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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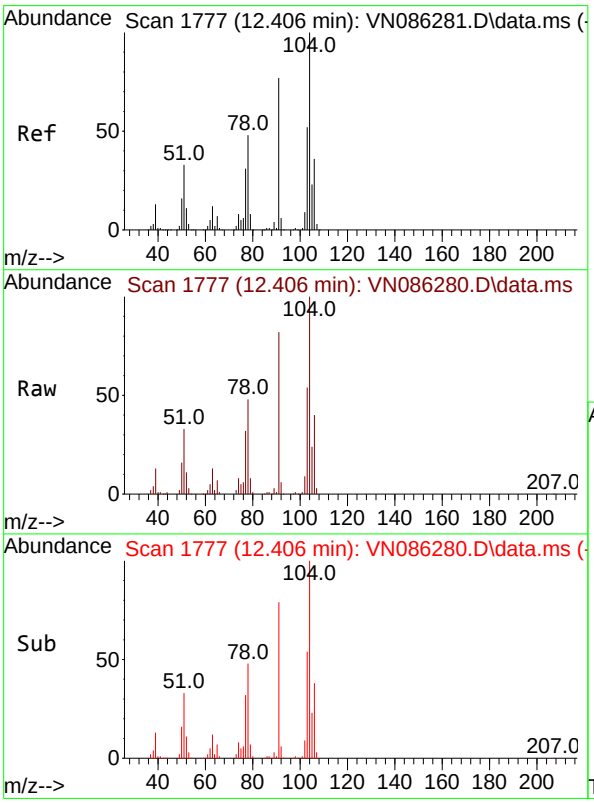
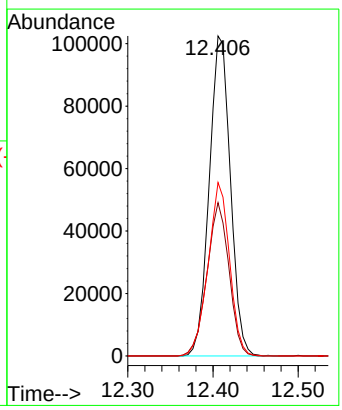
Supervised By :Semsettin Yesilyurt 04/16/2025

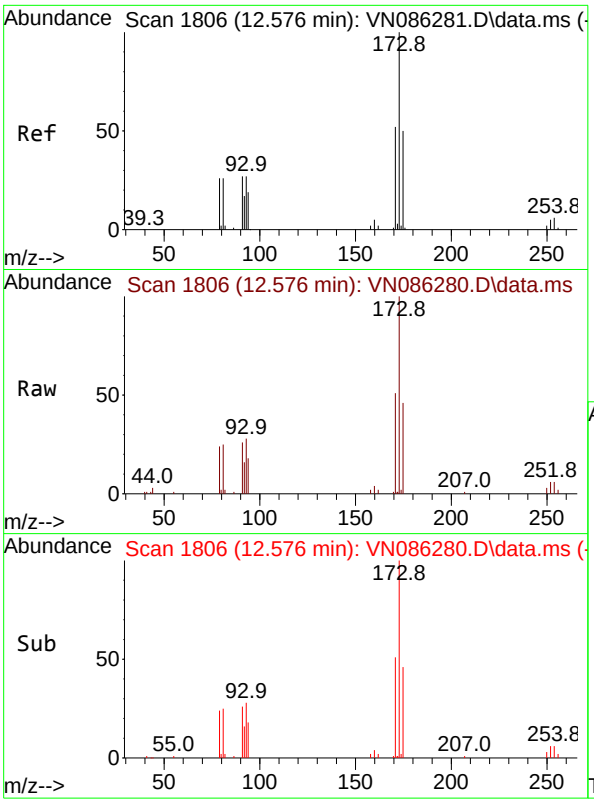


#70
Styrene
Concen: 20.029 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:104 Resp: 177099

Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.6	61.0
103	55.0	43.6	65.4

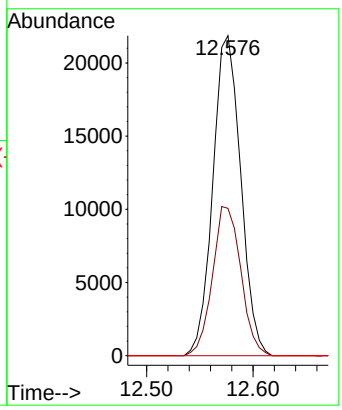




#71
Bromoform
Concen: 20.138 ug/l
RT: 12.576 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:173 Resp: 3969

Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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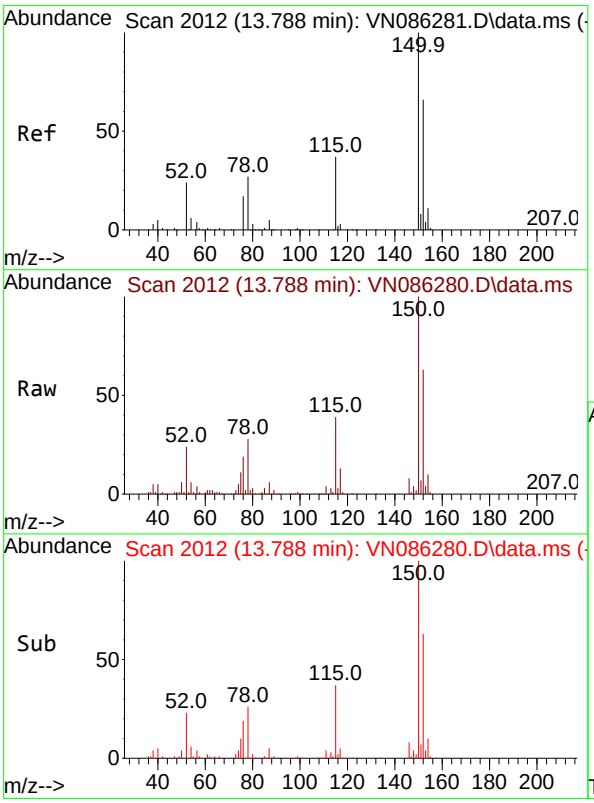
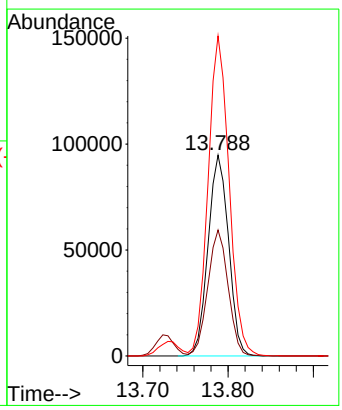
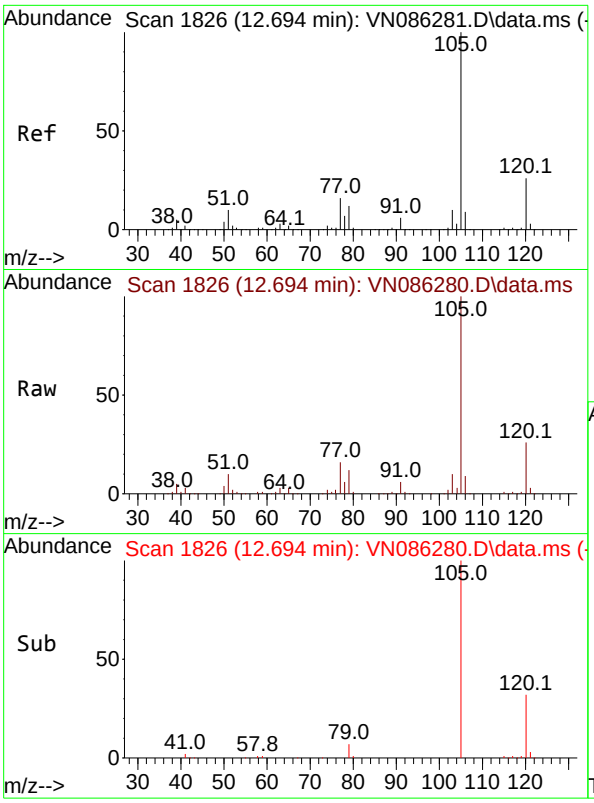


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:152 Resp: 158232

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.9	95.9
150	163.3	0.0	352.0





#73
Isopropylbenzene
Concen: 20.443 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:105 Resp: 26460

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3

Instrument :
MSVOA_N
ClientSampleId :
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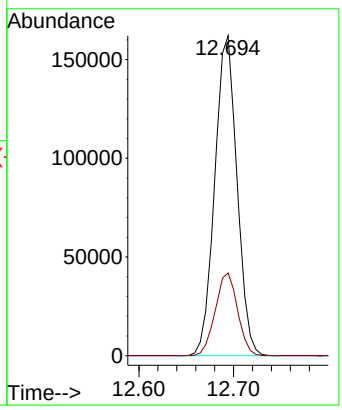
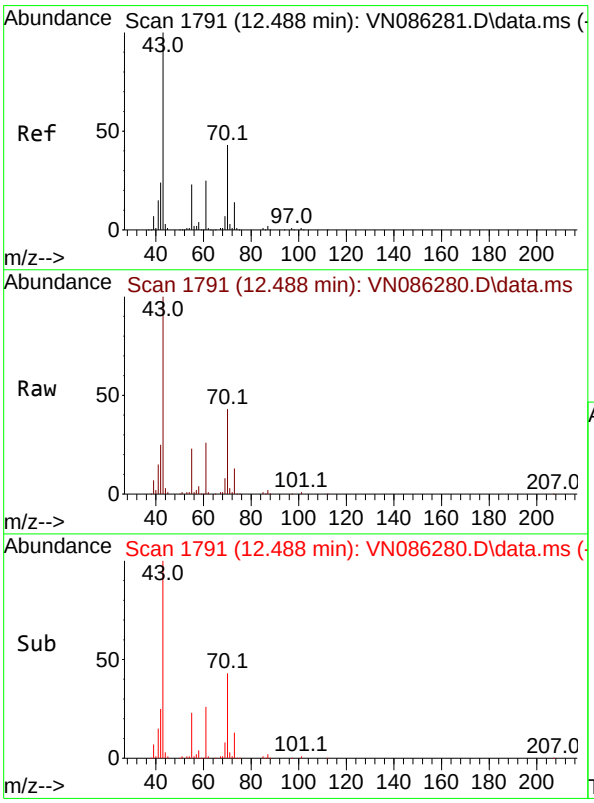
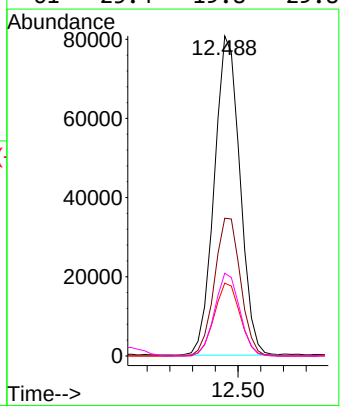


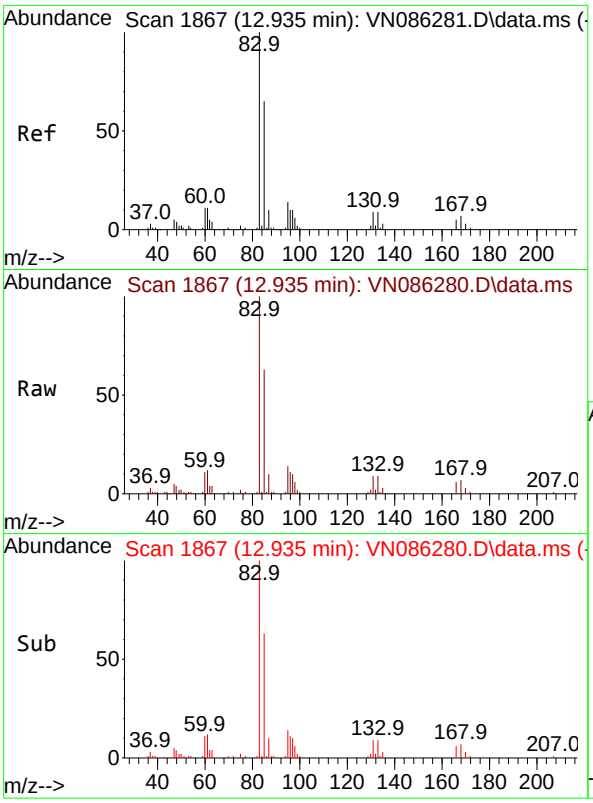


#74
N-amyl acetate
Concen: 19.643 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 43 Resp: 126575

Ion	Ratio	Lower	Upper
43	100		
70	43.8	35.0	52.4
55	23.3	19.0	28.4
61	25.4	19.8	29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.620 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 83 Resp: 7674

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.7	14.1
85	64.3	32.7	98.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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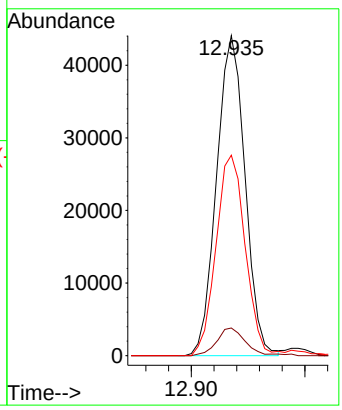
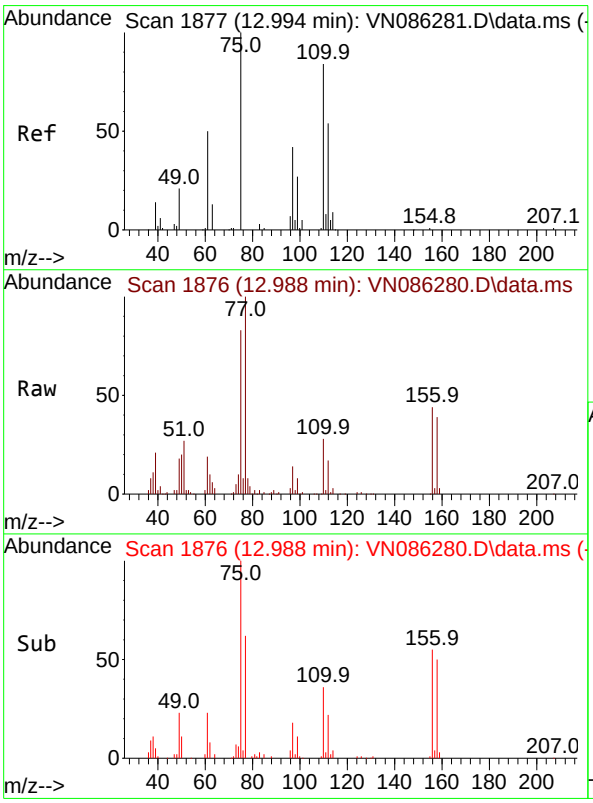
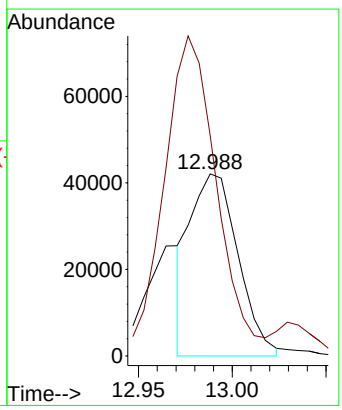


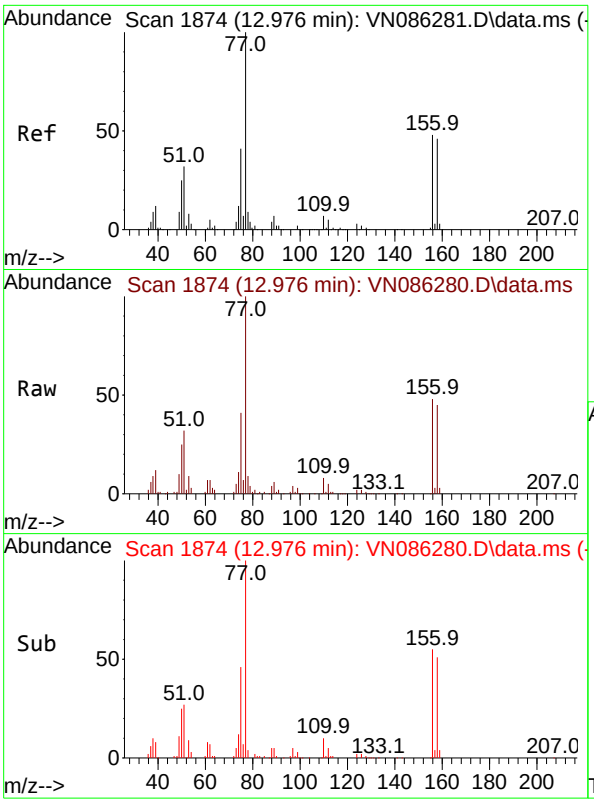


#76
1,2,3-Trichloropropane
Concen: 20.130 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 74829

Ion	Ratio	Lower	Upper
75	100		
77	192.9	98.8	296.4

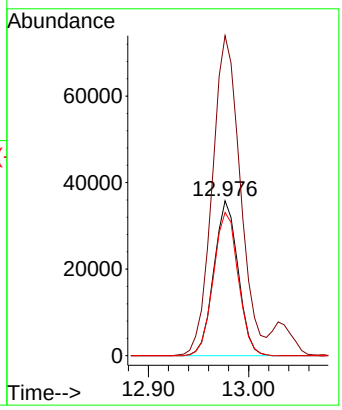




#77
Bromobenzene
Concen: 20.882 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:156 Resp: 5988

Ion	Ratio	Lower	Upper
156	100		
77	241.1	121.1	363.1
158	95.0	47.9	143.6



Instrument :
MSVOA_N
ClientSampleId :
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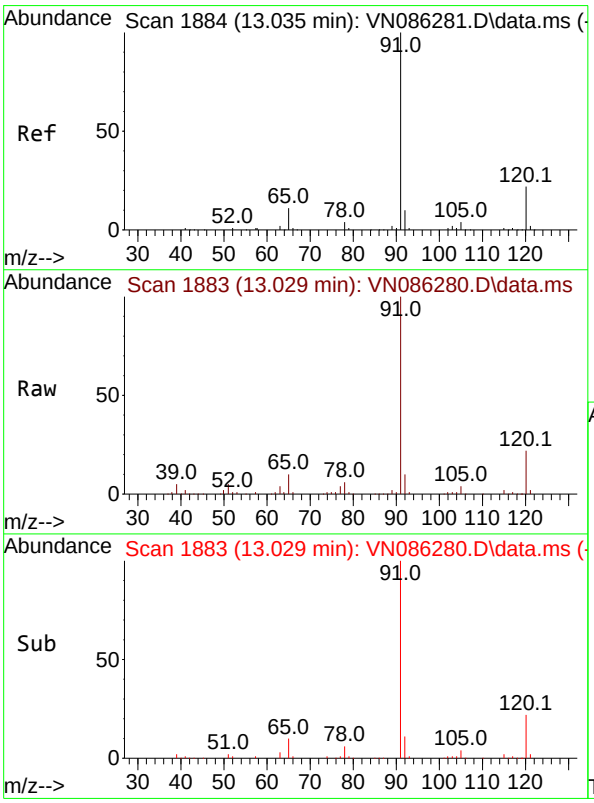
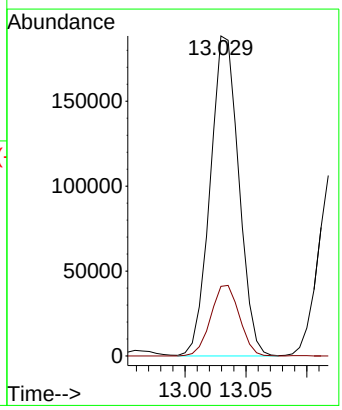
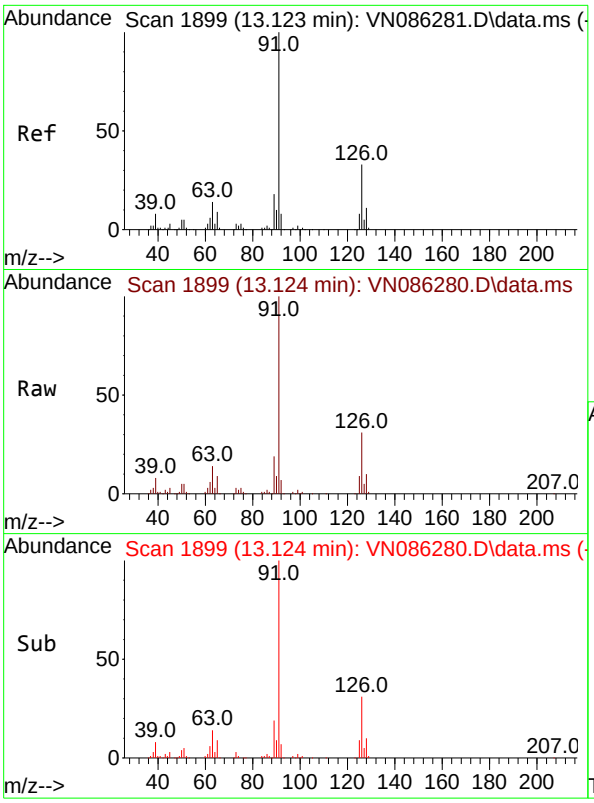


#78
n-propylbenzene
Concen: 20.176 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 91 Resp: 307737

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.3

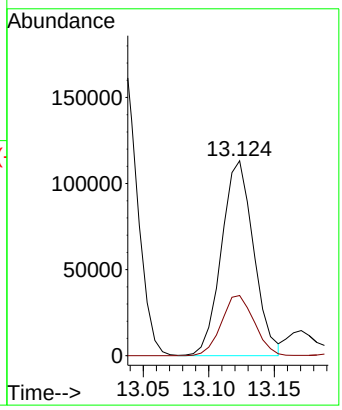




#79
2-Chlorotoluene
Concen: 20.281 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 91 Resp: 19356

Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.1	48.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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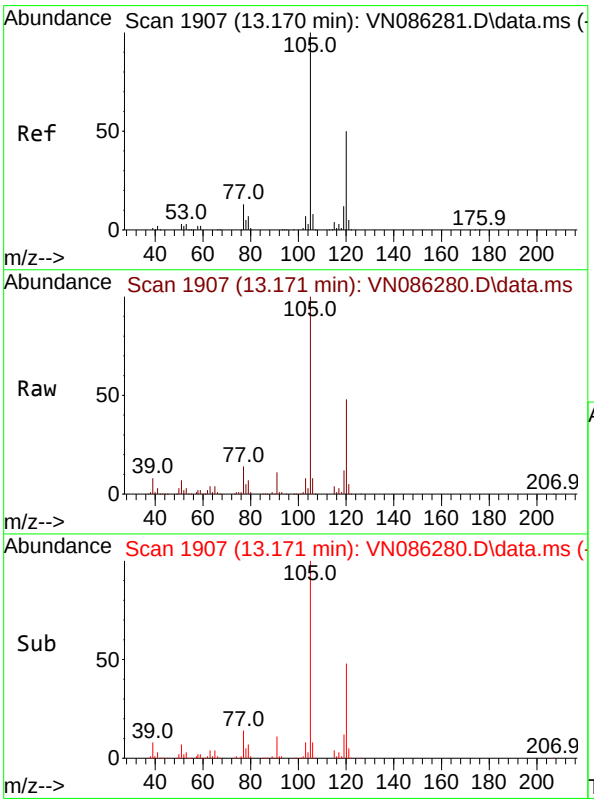
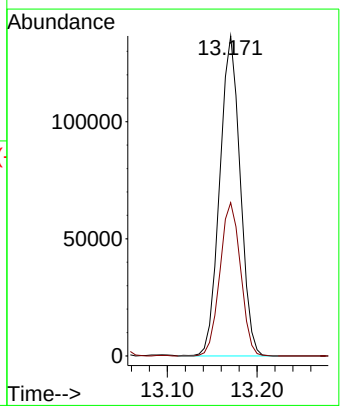
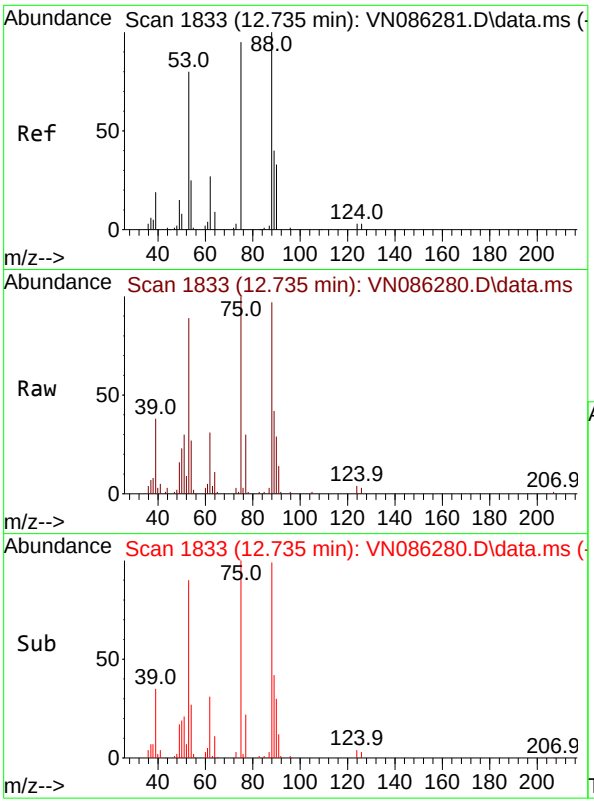


#80
1,3,5-Trimethylbenzene
Concen: 20.423 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:105 Resp: 216364

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 20.104 ug/l m
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 3125

Ion	Ratio	Lower	Upper
75	100		
53	94.7	79.2	118.8
89	45.9	35.7	53.5

Instrument :
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ClientSampleId :
VSTDICC020

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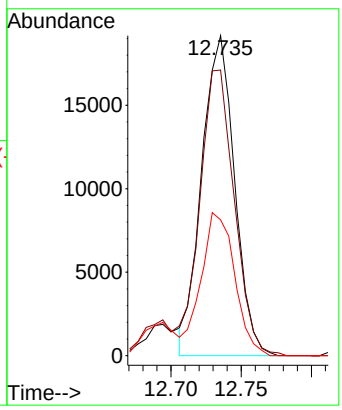
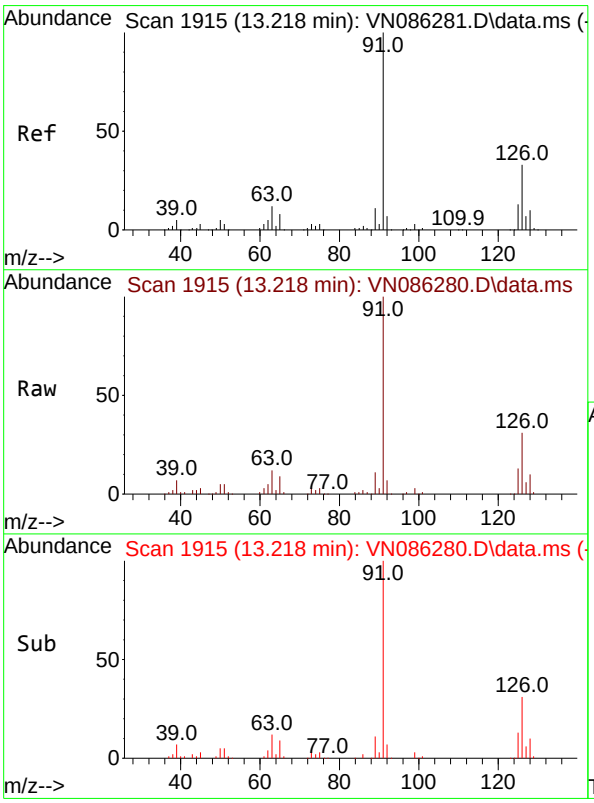
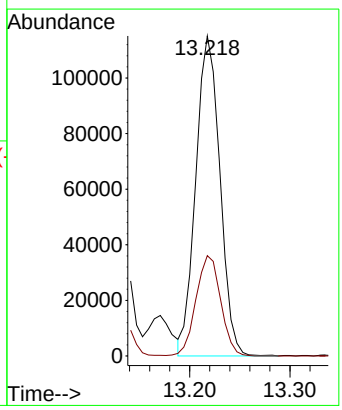


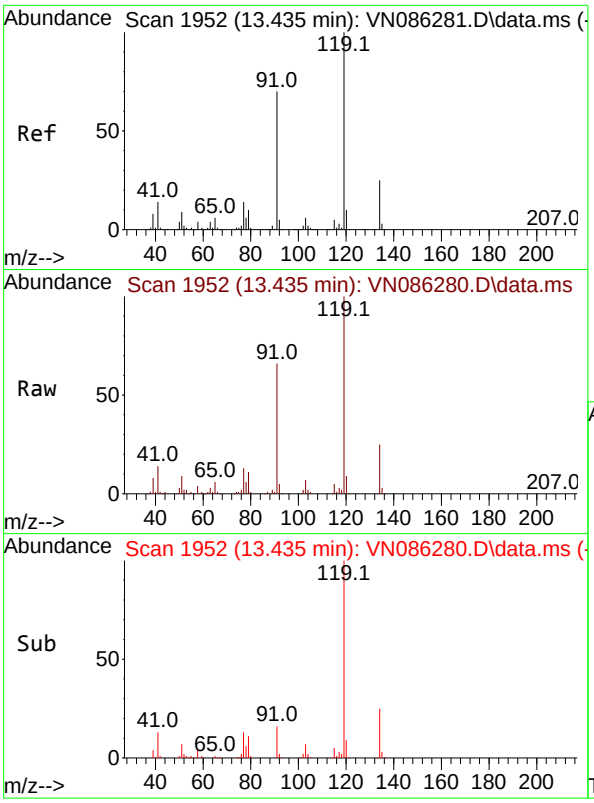


#82
4-Chlorotoluene
Concen: 20.341 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 91 Resp: 192849

Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.2	48.6

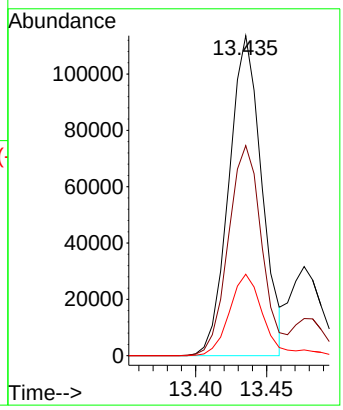




#83
tert-Butylbenzene
Concen: 19.901 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:119 Resp: 18268

Ion	Ratio	Lower	Upper
119	100		
91	67.6	34.4	103.3
134	26.5	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
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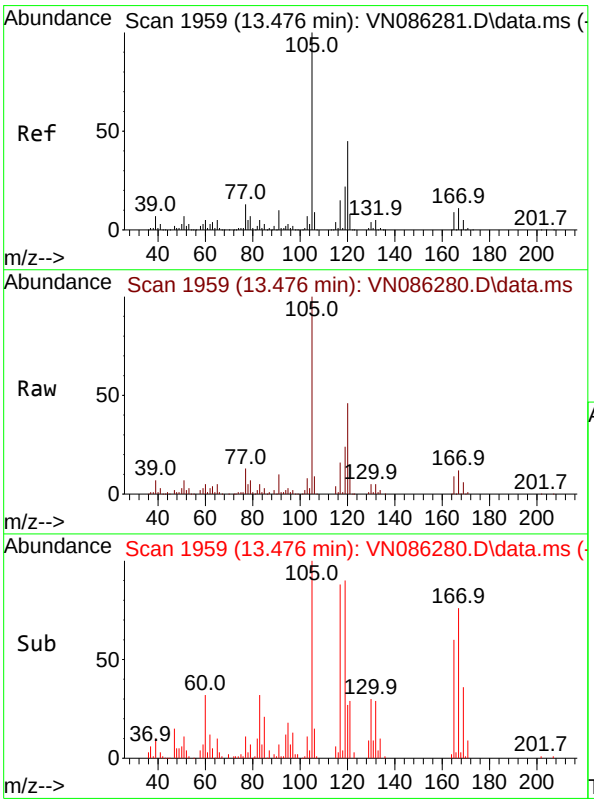
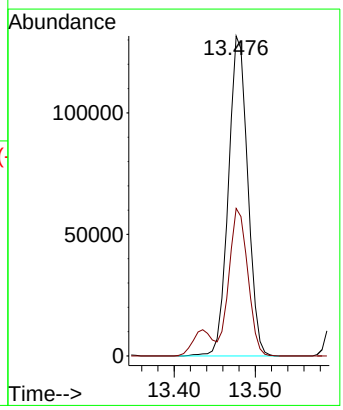
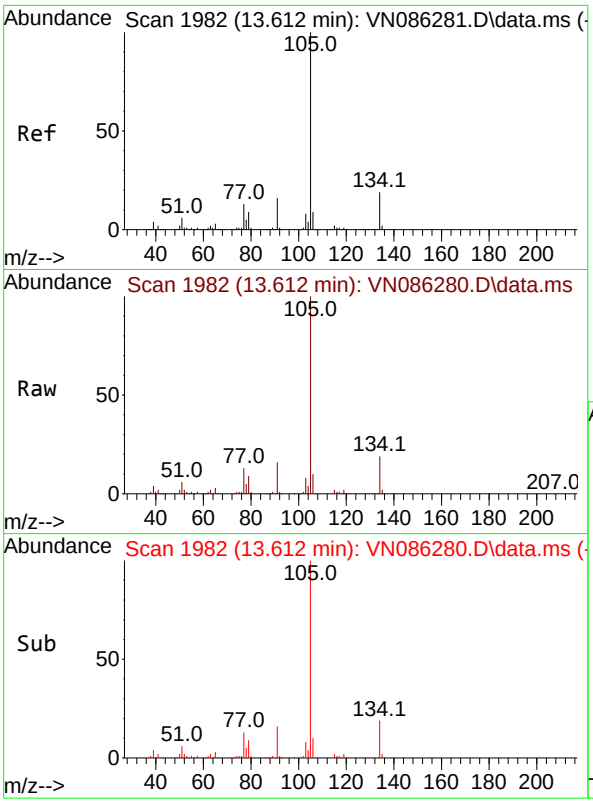


#84
1,2,4-Trimethylbenzene
Concen: 20.135 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:105 Resp: 217135

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3

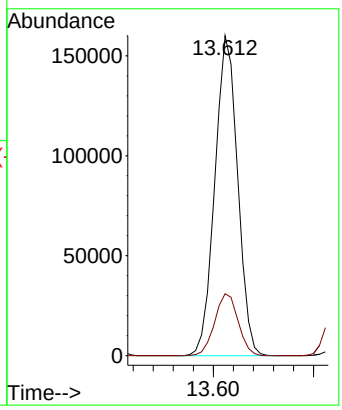




#85
sec-Butylbenzene
Concen: 19.838 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:105 Resp: 25259

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.7	29.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

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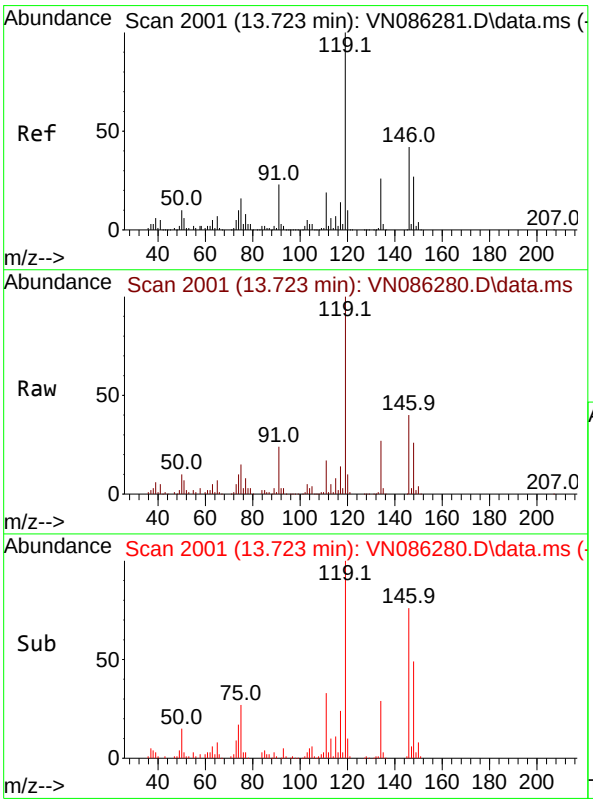
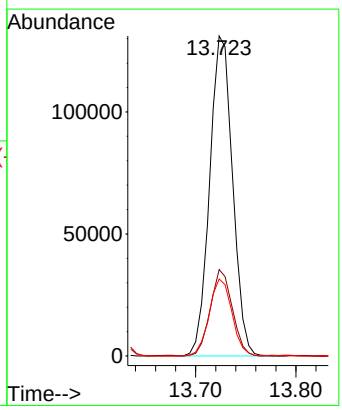
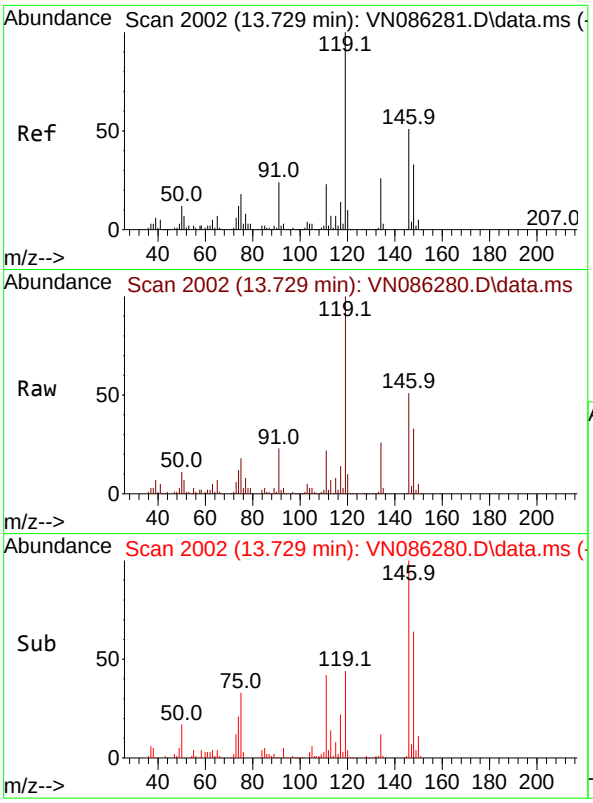


#86
p-Isopropyltoluene
Concen: 19.844 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:119 Resp: 208256

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.1
91	23.8	11.9	35.9

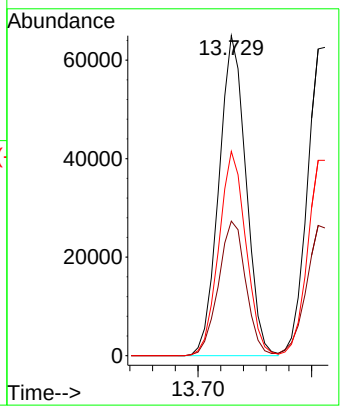




#87
1,3-Dichlorobenzene
Concen: 19.938 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:146 Resp: 10749

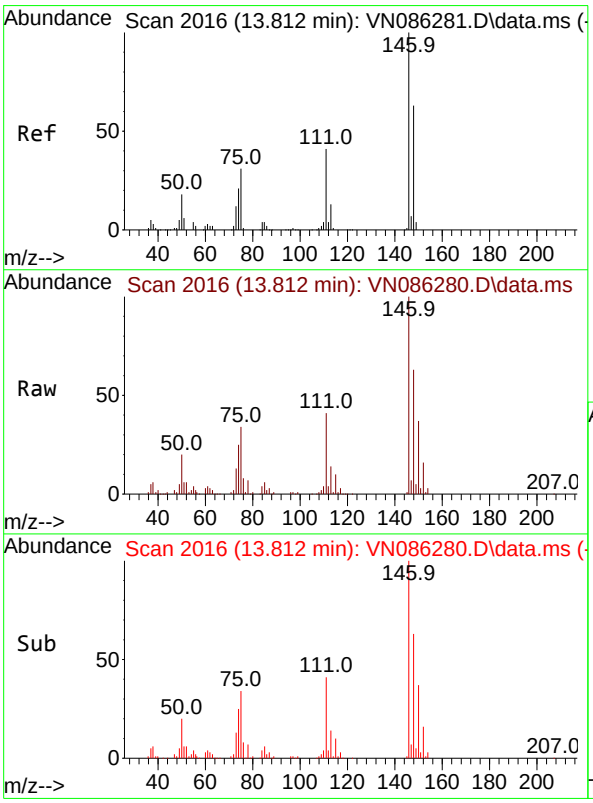
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.9	65.7
148	64.0	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

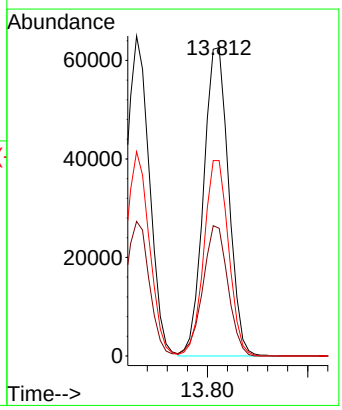
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

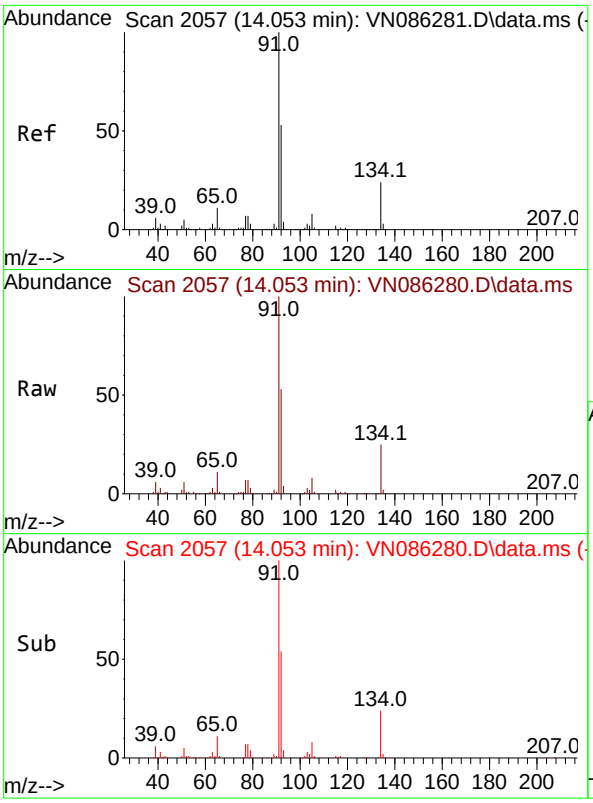


#88
1,4-Dichlorobenzene
Concen: 19.964 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:146 Resp: 108412

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	62.6	31.9	95.9

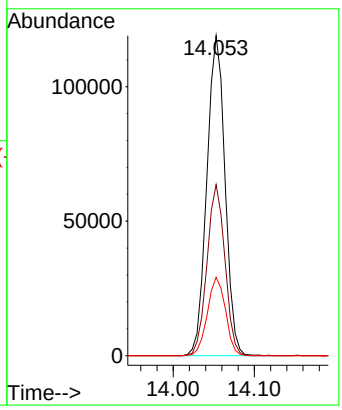




#89
n-Butylbenzene
Concen: 19.871 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 91 Resp: 18485

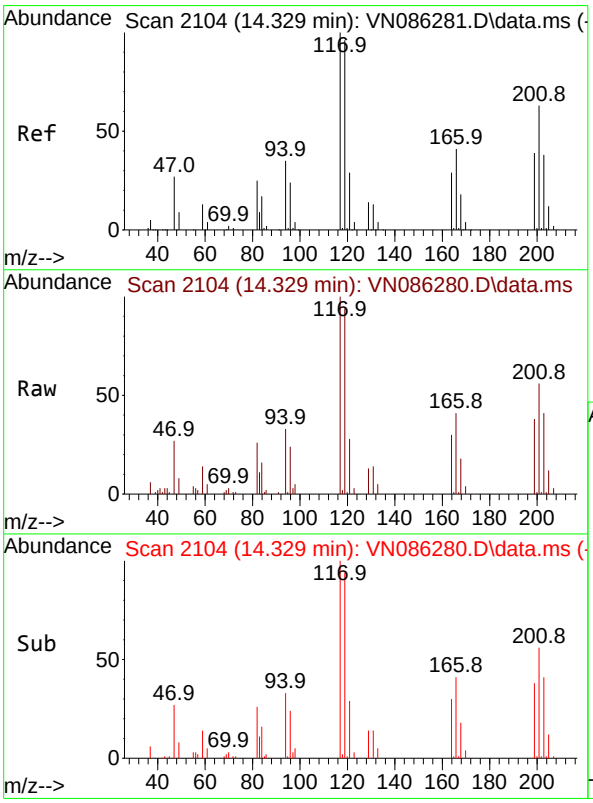
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.8	80.4
134	24.4	12.2	36.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

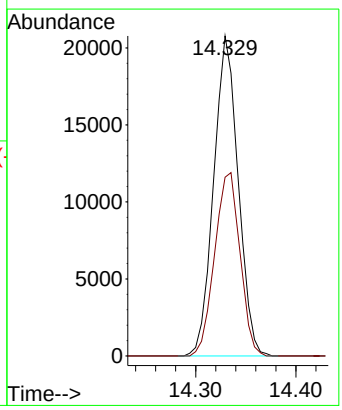
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

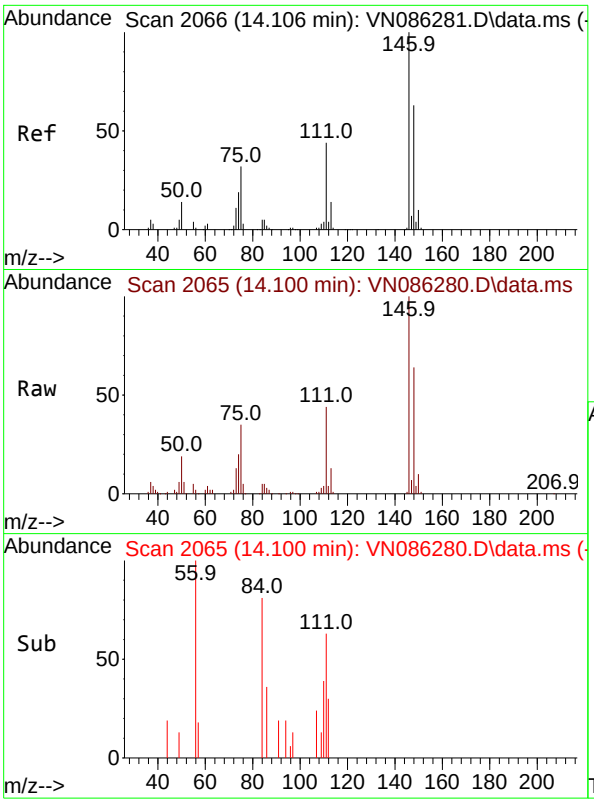


#90
Hexachloroethane
Concen: 19.968 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:117 Resp: 35250

Ion	Ratio	Lower	Upper
117	100		
201	59.3	31.4	94.2

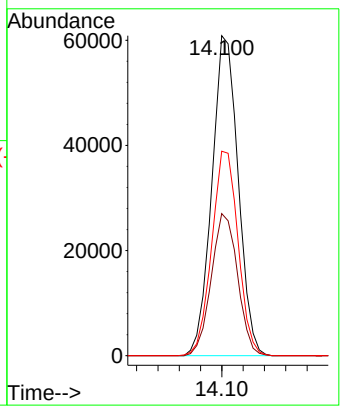




#91
1,2-Dichlorobenzene
Concen: 19.932 ug/l
RT: 14.100 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:146 Resp: 10418

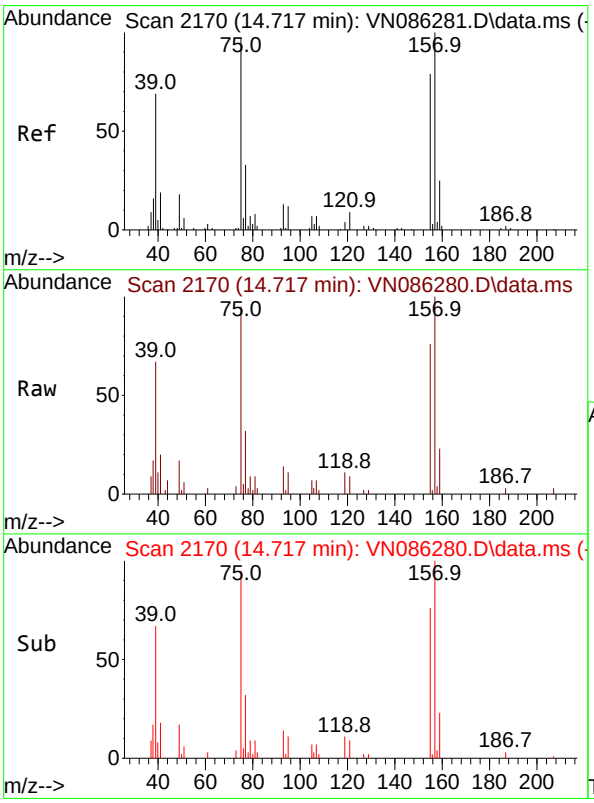
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.0
148	64.1	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

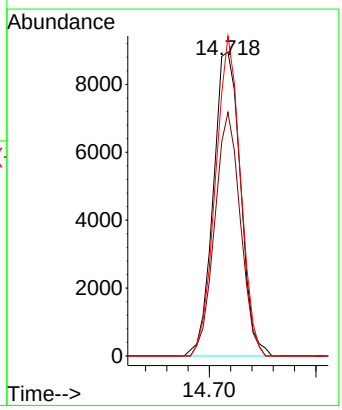
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

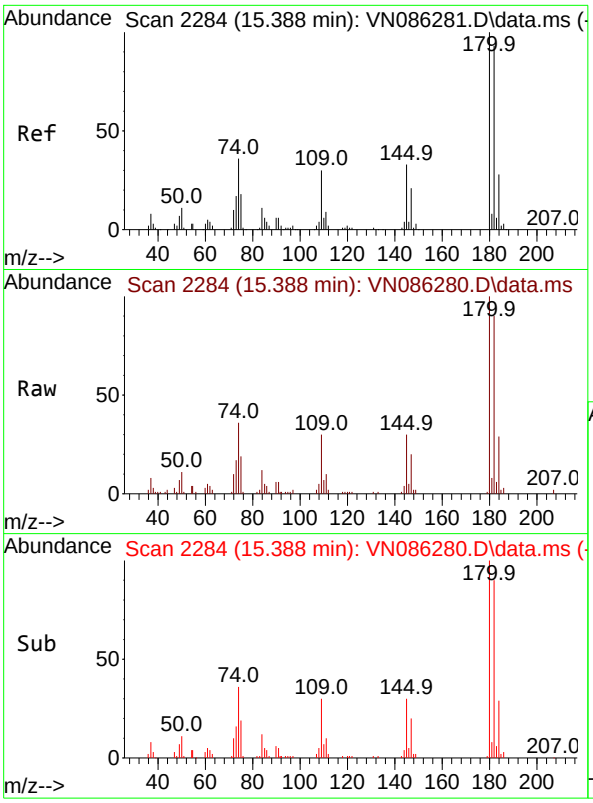


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.139 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion: 75 Resp: 15863

Ion	Ratio	Lower	Upper
75	100		
155	75.5	40.3	120.9
157	96.5	49.0	147.2

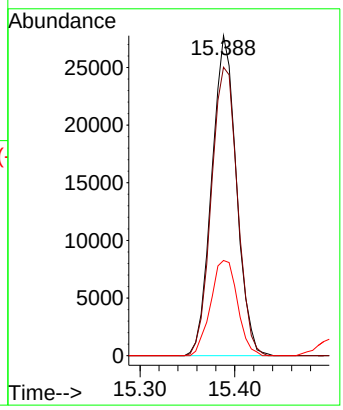




#93
1,2,4-Trichlorobenzene
Concen: 20.048 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:180 Resp: 5017

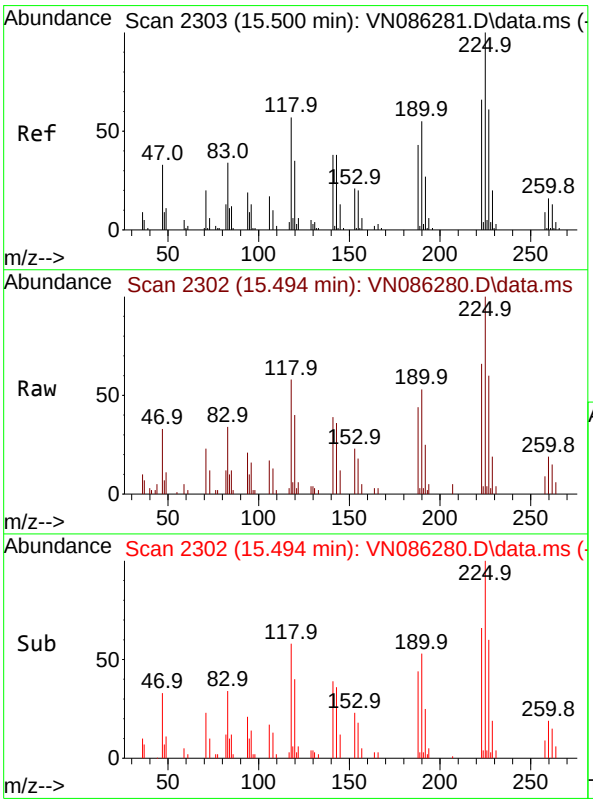
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.0
145	32.3	16.4	49.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

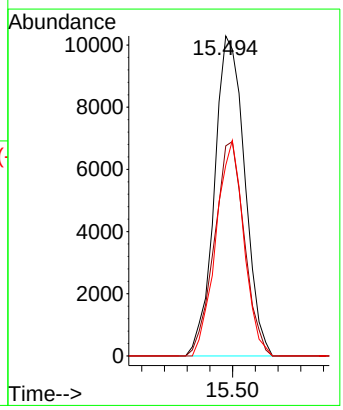
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

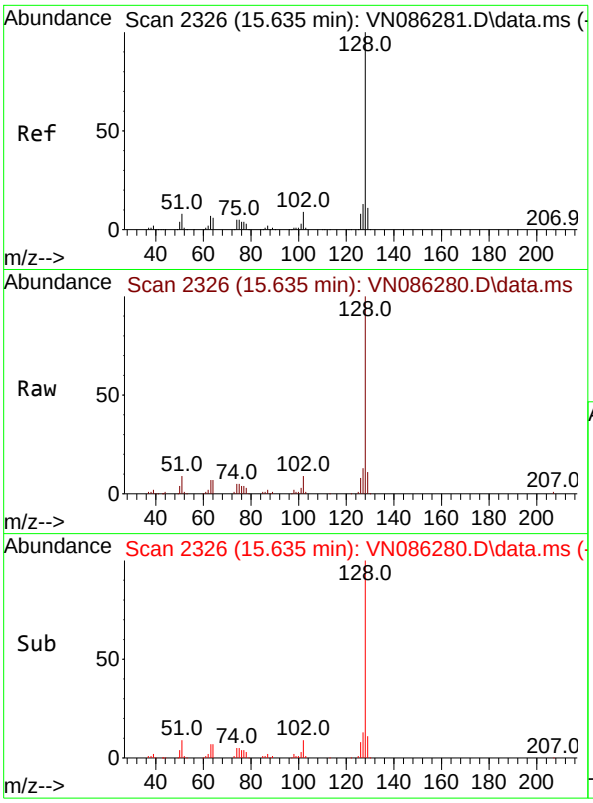


#94
Hexachlorobutadiene
Concen: 20.135 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:225 Resp: 19024

Ion	Ratio	Lower	Upper
225	100		
223	66.4	32.8	98.3
227	62.2	31.4	94.0

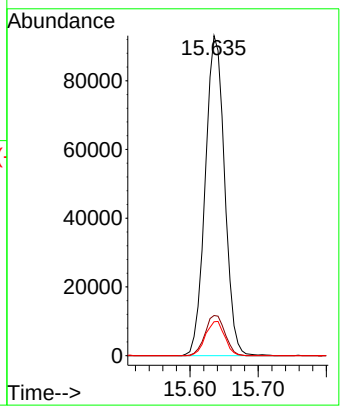




#95
Naphthalene
Concen: 20.717 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:128 Resp: 18381

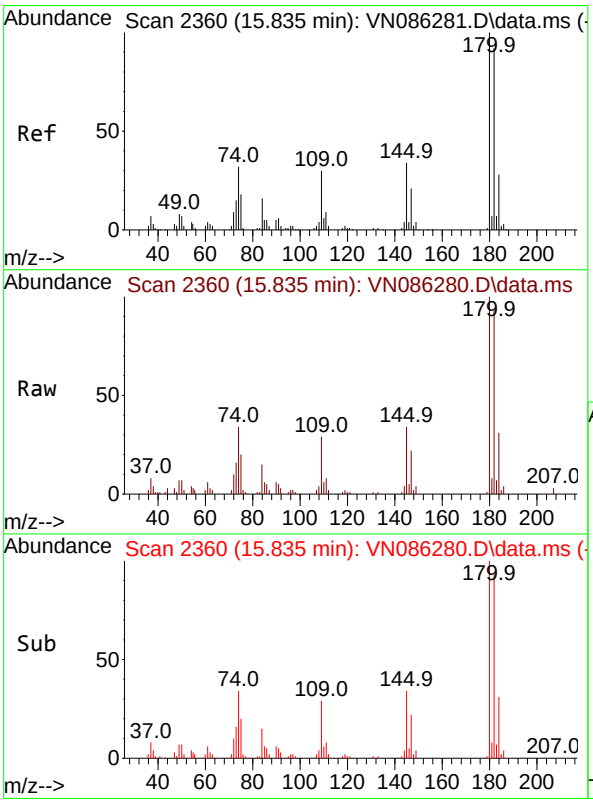
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.6	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

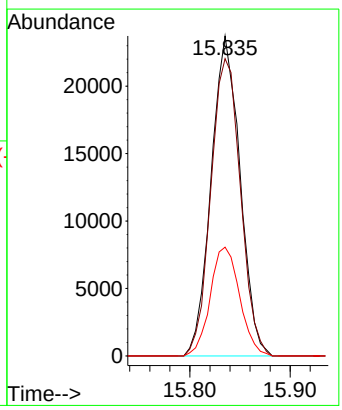
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.013 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086280.D
Acq: 15 Apr 2025 13:09

Tgt Ion:180 Resp: 47425

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	34.6	17.2	51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086281.D
Acq On : 15 Apr 2025 13:51
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	223468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	413969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160758	49.609	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.220%			
35) Dibromofluoromethane	8.165	113	88836	46.238	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.480%			
50) Toluene-d8	10.565	98	517785	50.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.847	95	190049	50.744	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	132017	49.836	ug/l	100
3) Chloromethane	2.359	50	168565	43.783	ug/l	100
4) Vinyl Chloride	2.518	62	176686	48.092	ug/l	100
5) Bromomethane	2.953	94	79546	48.135	ug/l	100
6) Chloroethane	3.118	64	111725	45.437	ug/l	100
7) Trichlorofluoromethane	3.501	101	192876	47.395	ug/l	100
8) Diethyl Ether	3.959	74	83664	47.092	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	117478	47.719	ug/l	100
10) Methyl Iodide	4.589	142	133779	49.427	ug/l	100
11) Tert butyl alcohol	5.512	59	138743	234.659	ug/l	100
12) 1,1-Dichloroethene	4.342	96	123106	46.805	ug/l	100
13) Acrolein	4.177	56	68075	246.717	ug/l	100
14) Allyl chloride	5.024	41	207525	44.409	ug/l	100
15) Acrylonitrile	5.712	53	354632	242.632	ug/l	100
16) Acetone	4.424	43	280935	250.761	ug/l	100
17) Carbon Disulfide	4.712	76	348133	44.205	ug/l	100
18) Methyl Acetate	5.018	43	174600	44.886	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	449127	46.453	ug/l	100
20) Methylene Chloride	5.271	84	138293	46.163	ug/l	100
21) trans-1,2-Dichloroethene	5.789	96	128404	46.696	ug/l	100
22) Diisopropyl ether	6.665	45	471385	46.345	ug/l	100
23) Vinyl Acetate	6.600	43	1657348	233.153	ug/l	100
24) 1,1-Dichloroethane	6.565	63	253896	47.310	ug/l	100
25) 2-Butanone	7.477	43	475281	235.633	ug/l	100
26) 2,2-Dichloropropane	7.483	77	219735	45.729	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	159460	46.722	ug/l	100
28) Bromochloromethane	7.806	49	110726	48.660	ug/l	100
29) Tetrahydrofuran	7.836	42	313920	232.739	ug/l	100
30) Chloroform	7.965	83	246843	46.823	ug/l	100
31) Cyclohexane	8.253	56	238117	45.343	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	212021	47.013	ug/l	100
36) 1,1-Dichloropropene	8.365	75	183246	47.752	ug/l	100
37) Ethyl Acetate	7.553	43	184834	45.750	ug/l	100
38) Carbon Tetrachloride	8.359	117	175094	47.912	ug/l	100
39) Methylcyclohexane	9.594	83	216725	47.515	ug/l	100
40) Benzene	8.600	78	583316	47.443	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086281.D
Acq On : 15 Apr 2025 13:51
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 16 03:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	109214	46.643	ug/l		100
42) 1,2-Dichloroethane	8.665	62	183854	46.892	ug/l		100
43) Isopropyl Acetate	8.683	43	358327	49.550	ug/l		100
44) Trichloroethene	9.347	130	139993	48.039	ug/l		100
45) 1,2-Dichloropropane	9.618	63	144496	48.011	ug/l		100
46) Dibromomethane	9.706	93	93965	49.002	ug/l		100
47) Bromodichloromethane	9.882	83	196793	47.516	ug/l		100
48) Methyl methacrylate	9.677	41	163719	46.146	ug/l		100
49) 1,4-Dioxane	9.694	88	53851	892.337	ug/l		100
51) 4-Methyl-2-Pentanone	10.441	43	1000994	241.959	ug/l		100
52) Toluene	10.629	92	369349	48.144	ug/l		100
53) t-1,3-Dichloropropene	10.829	75	226518	48.996	ug/l		100
54) cis-1,3-Dichloropropene	10.306	75	238764	47.021	ug/l		100
55) 1,1,2-Trichloroethane	11.012	97	131721	47.721	ug/l		100
56) Ethyl methacrylate	10.871	69	239654	47.235	ug/l		100
57) 1,3-Dichloropropane	11.159	76	233548	47.689	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	594475	246.859	ug/l		100
59) 2-Hexanone	11.194	43	734660	239.414	ug/l		100
60) Dibromochloromethane	11.359	129	146318	48.274	ug/l		100
61) 1,2-Dibromoethane	11.465	107	134281	48.213	ug/l		100
64) Tetrachloroethene	11.100	164	136116	48.177	ug/l		100
65) Chlorobenzene	11.888	112	385849	47.072	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	127627	47.197	ug/l		100
67) Ethyl Benzene	11.959	91	704474	47.627	ug/l		100
68) m/p-Xylenes	12.065	106	533742	96.302	ug/l		100
69) o-Xylene	12.394	106	261904	47.783	ug/l		100
70) Styrene	12.406	104	447486	48.998	ug/l		100
71) Bromoform	12.576	173	95822	47.065	ug/l	#	100
73) Isopropylbenzene	12.694	105	647490	45.568	ug/l		100
74) N-amyl acetate	12.488	43	308916	43.670	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.935	83	179865	44.025	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	181010m	44.357	ug/l		
77) Bromobenzene	12.976	156	147720	46.919	ug/l		100
78) n-propylbenzene	13.035	91	779530	46.556	ug/l		100
79) 2-Chlorotoluene	13.123	91	479235	45.740	ug/l		100
80) 1,3,5-Trimethylbenzene	13.170	105	535465	46.042	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	80078m	46.919	ug/l		
82) 4-Chlorotoluene	13.218	91	488049	46.893	ug/l		100
83) tert-Butylbenzene	13.435	119	452999	44.954	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	550727	46.521	ug/l		100
85) sec-Butylbenzene	13.612	105	653679	46.767	ug/l		100
86) p-Isopropyltoluene	13.723	119	548528	47.611	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	279645	47.249	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	280378	47.032	ug/l		100
89) n-Butylbenzene	14.053	91	492941	48.271	ug/l		100
90) Hexachloroethane	14.329	117	90009	46.447	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	270731	47.181	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38625	46.887	ug/l		100
93) 1,2,4-Trichlorobenzene	15.388	180	132919	48.375	ug/l		100
94) Hexachlorobutadiene	15.500	225	48694	46.947	ug/l		100
95) Naphthalene	15.635	128	464685	47.708	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	122910	47.249	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086281.D
Acq On : 15 Apr 2025 13:51
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

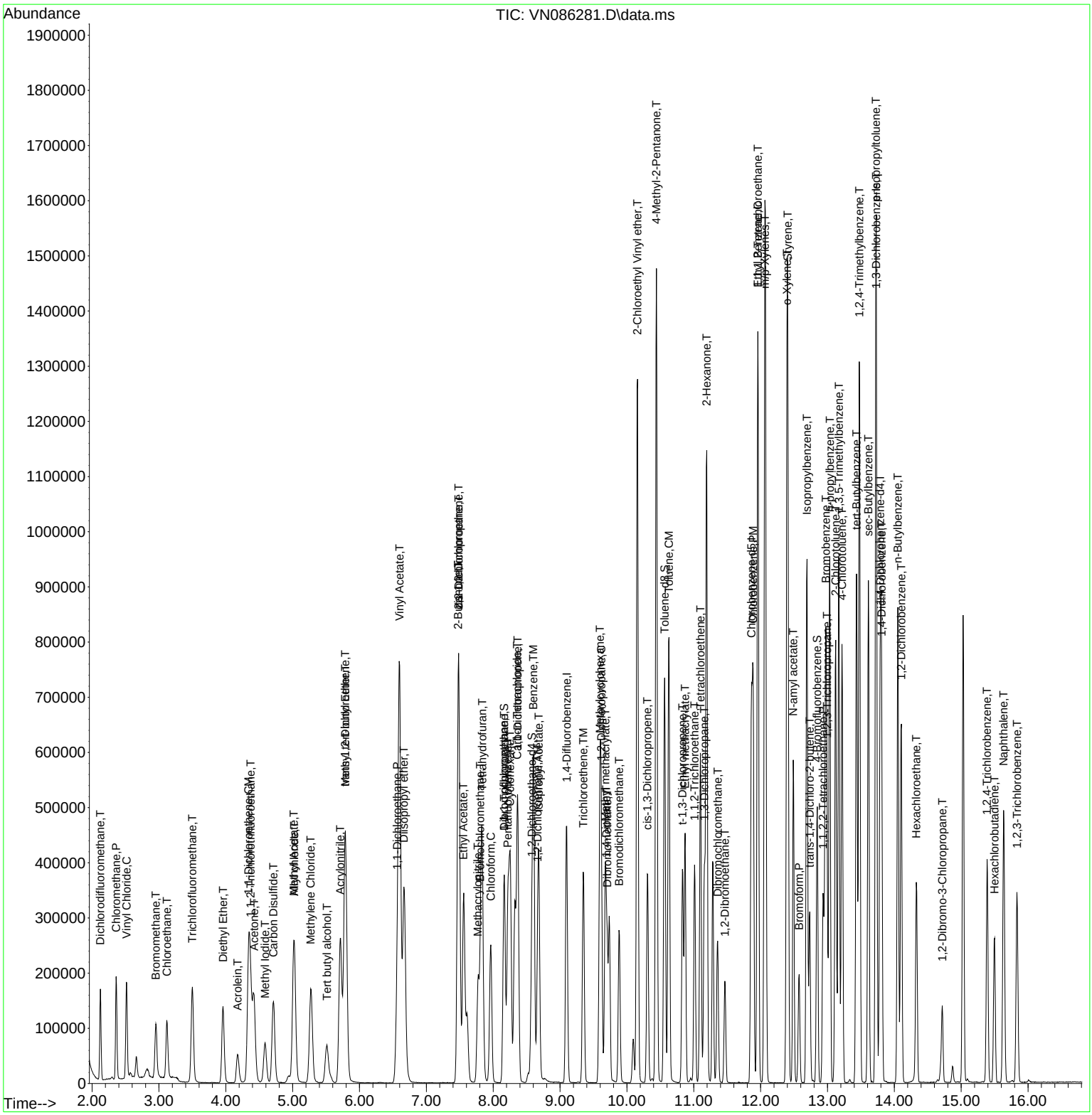
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086281.D
Acq On : 15 Apr 2025 13:51
Operator : JC\MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

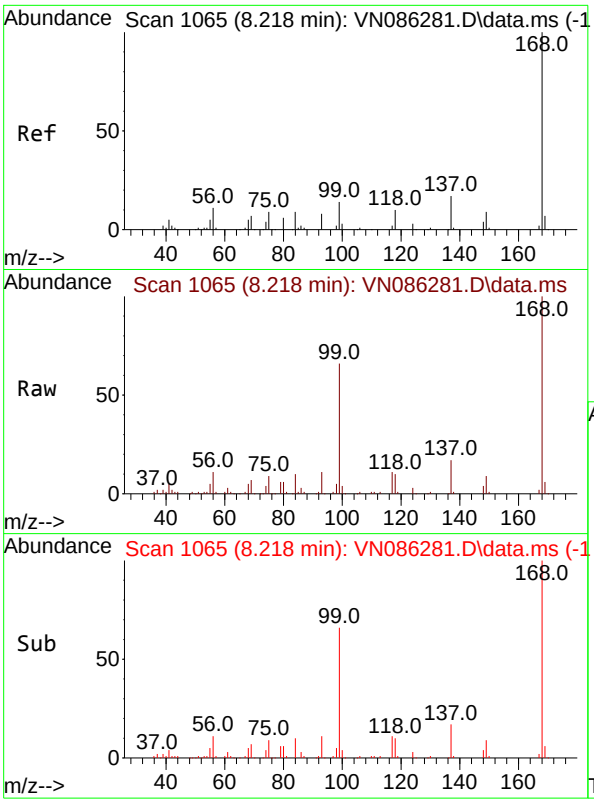
Quant Time: Apr 16 03:57:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

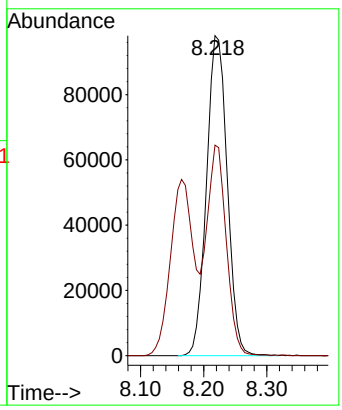




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:168 Resp: 22346

Ion	Ratio	Lower	Upper
168	100		
99	65.6	52.5	78.7



Instrument :
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ClientSampleId :
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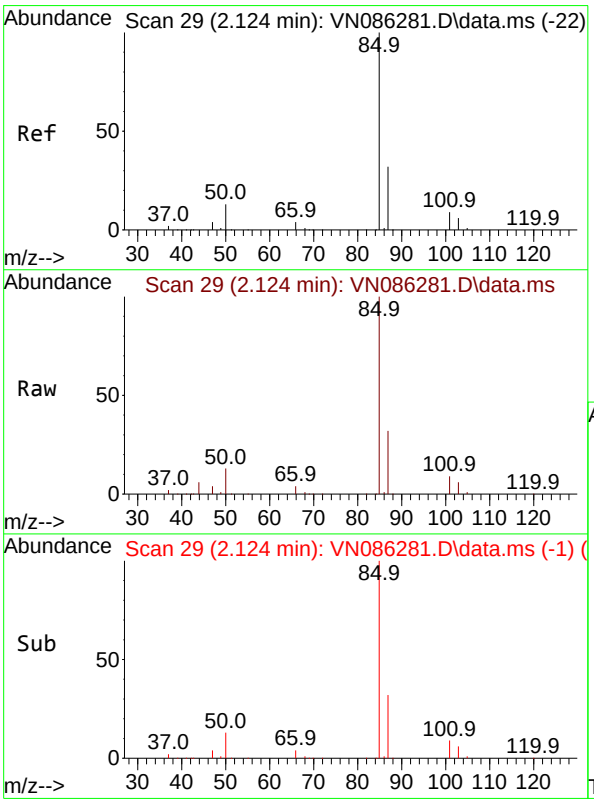
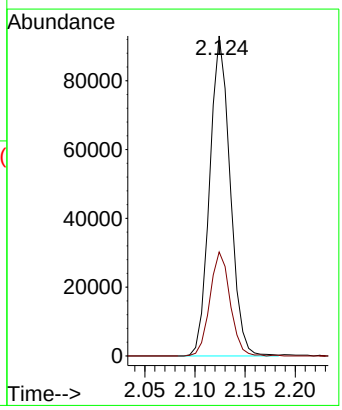
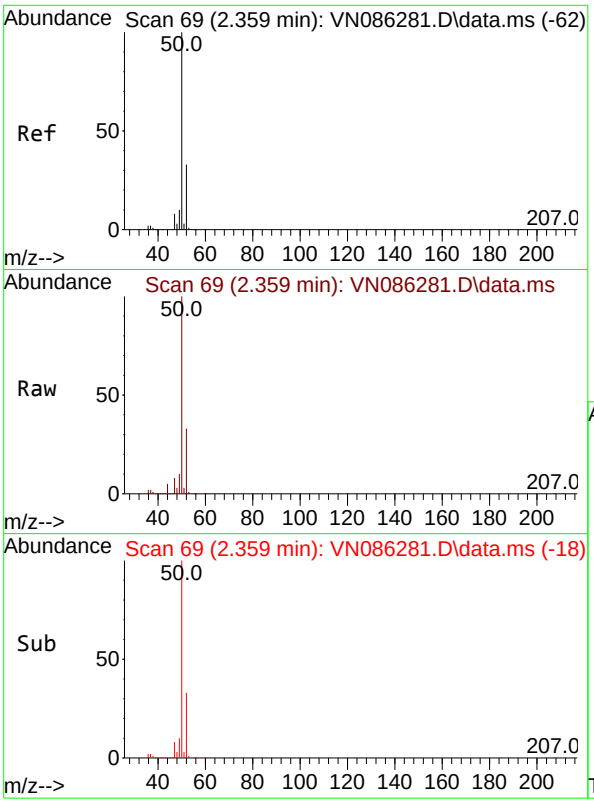


#2
Dichlorodifluoromethane
Concen: 49.836 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 85 Resp: 132017

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.3	48.8

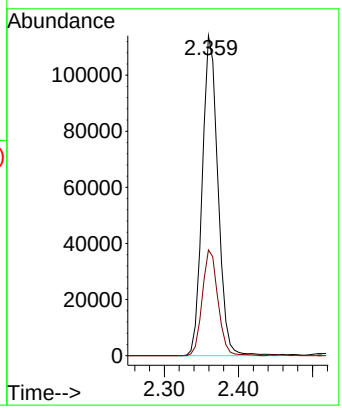




#3
Chloromethane
Concen: 43.783 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 50 Resp: 16856

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.5	39.7



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ClientSampleId :
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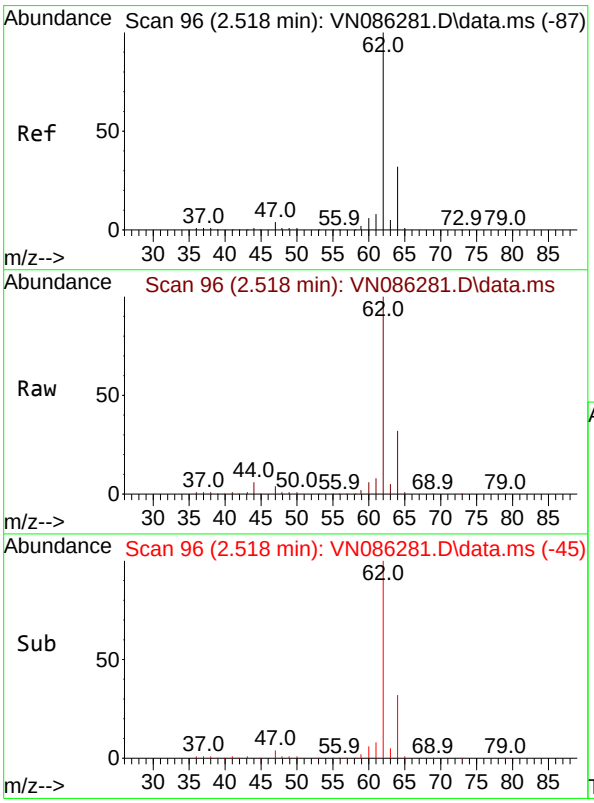
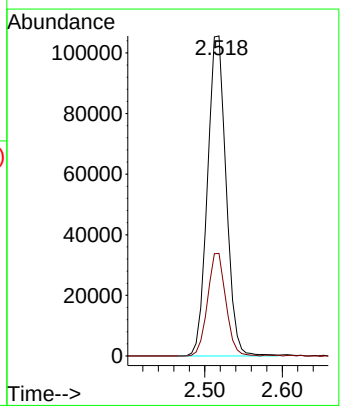
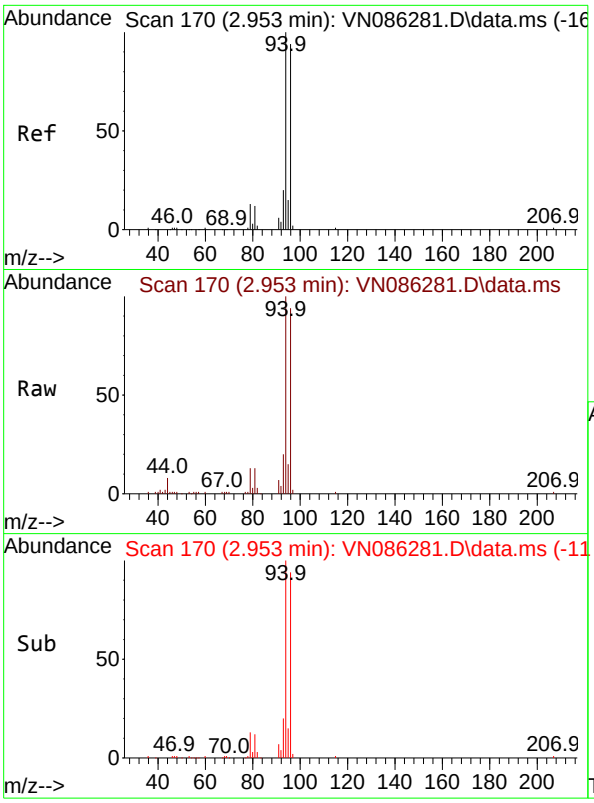


#4
Vinyl Chloride
Concen: 48.092 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 62 Resp: 176686

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.6	38.4

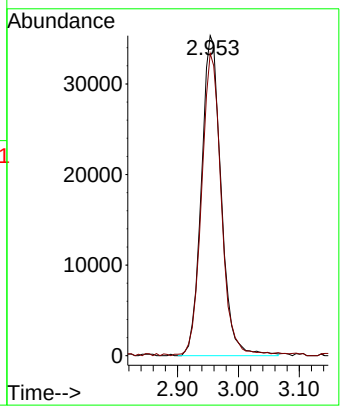




#5
Bromomethane
Concen: 48.135 ug/l
RT: 2.953 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 94 Resp: 7954

Ion	Ratio	Lower	Upper
94	100		
96	94.0	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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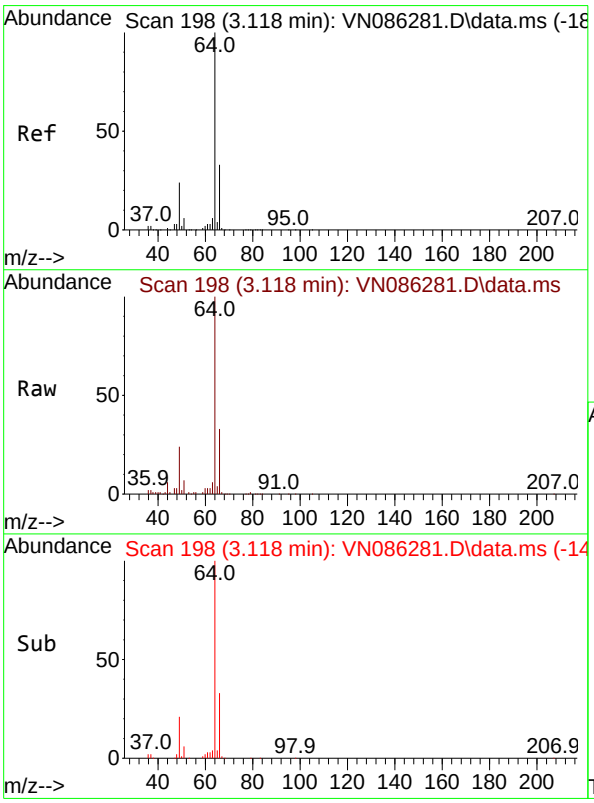
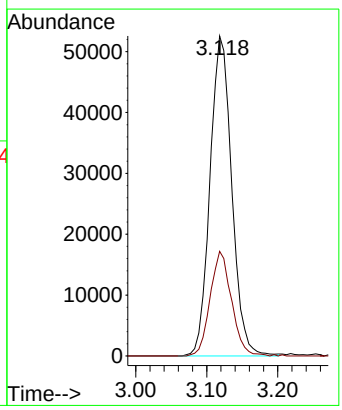
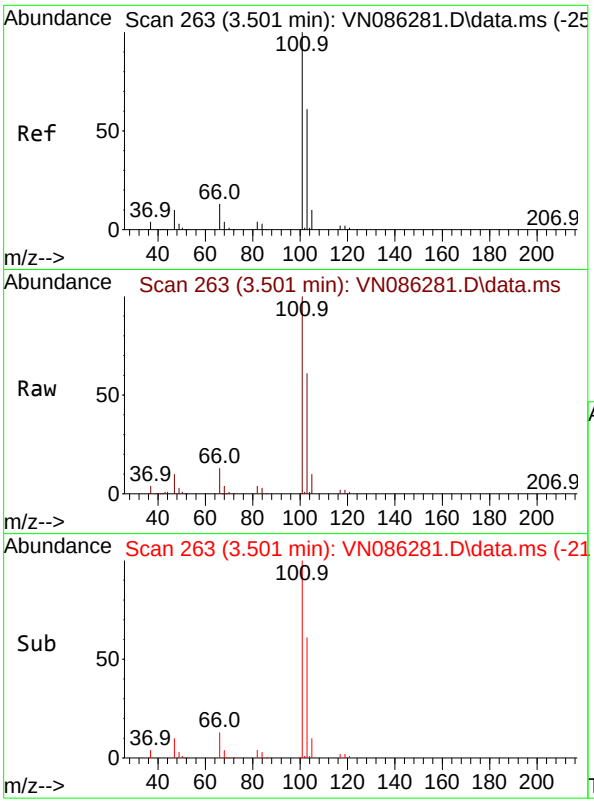


#6
Chloroethane
Concen: 45.437 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 64 Resp: 111725

Ion	Ratio	Lower	Upper
64	100		
66	32.7	26.2	39.2

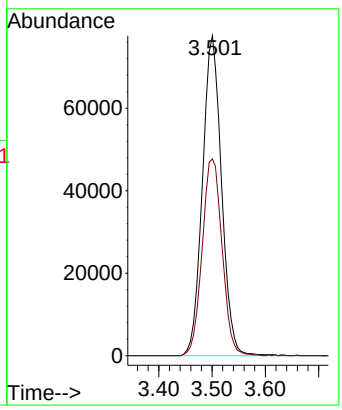




#7
Trichlorofluoromethane
Concen: 47.395 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:101 Resp: 19287

Ion	Ratio	Lower	Upper
101	100		
103	61.5	49.2	73.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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Reviewed By :John Carlone 04/16/2025
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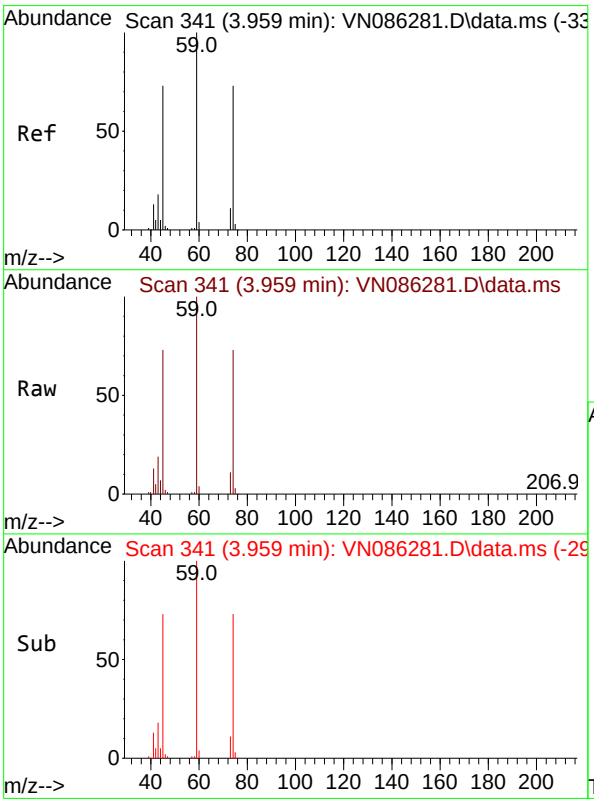
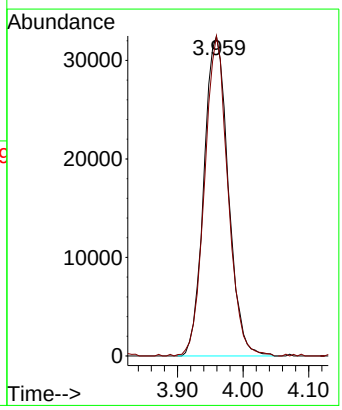
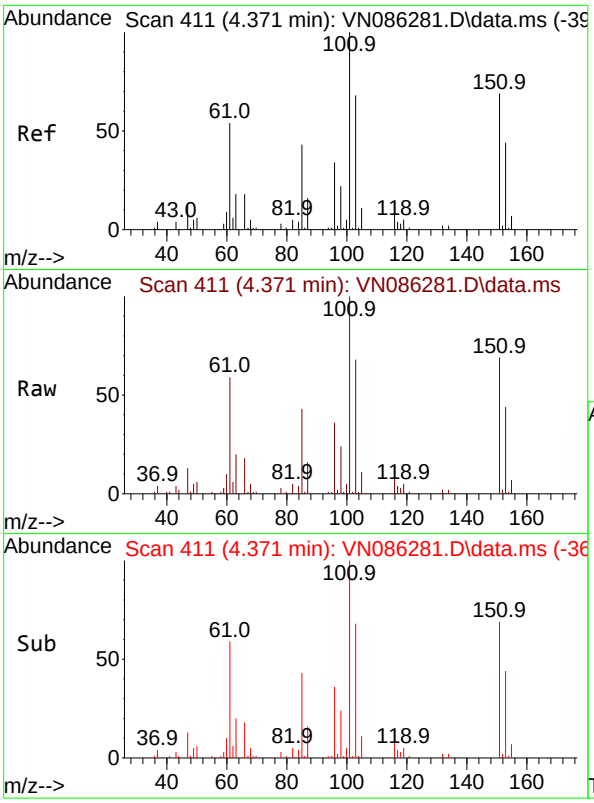


#8
Diethyl Ether
Concen: 47.092 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 74 Resp: 83664

Ion	Ratio	Lower	Upper
74	100		
45	96.1	48.0	144.2

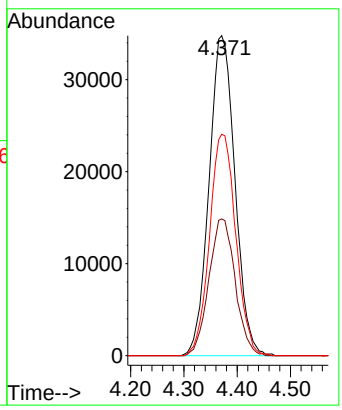




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.719 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:101 Resp: 11747

Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.7	52.1
151	70.1	56.1	84.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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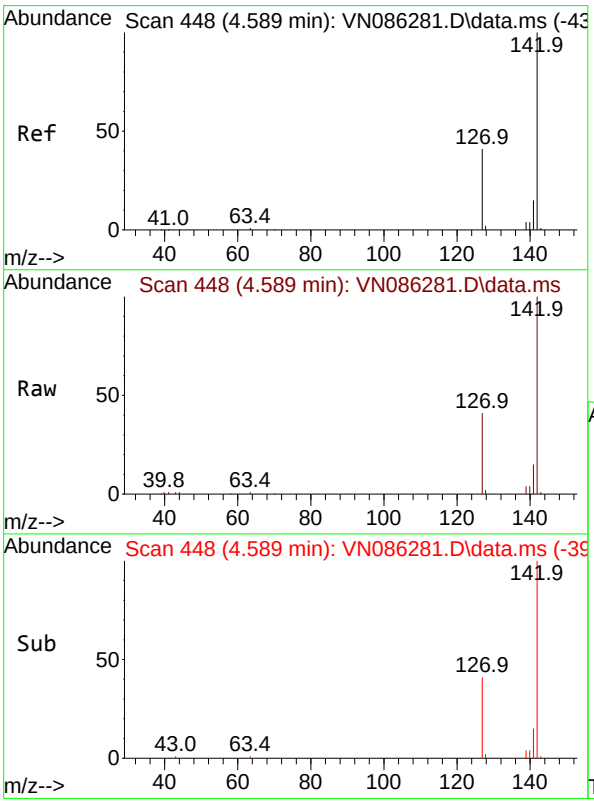
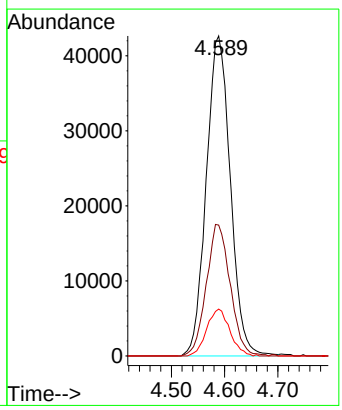
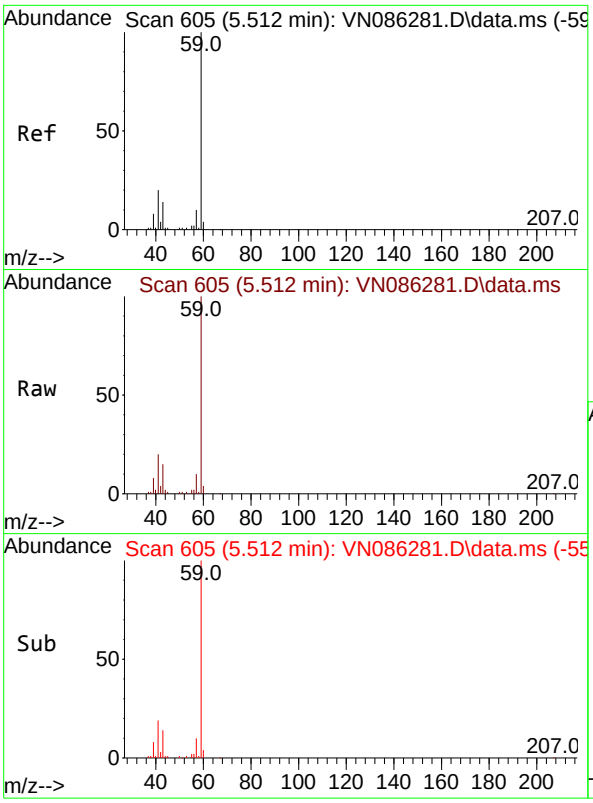


#10
Methyl Iodide
Concen: 49.427 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:142 Resp: 133779

Ion	Ratio	Lower	Upper
142	100		
127	40.9	32.7	49.1
141	14.6	11.7	17.5

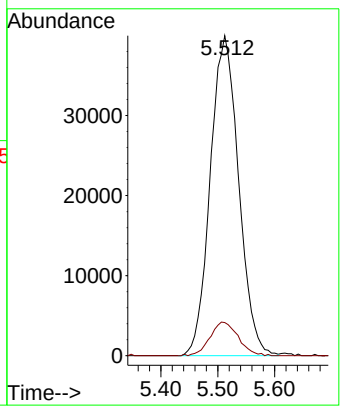




#11
Tert butyl alcohol
Concen: 234.659 ug/l
RT: 5.512 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 59 Resp: 13874

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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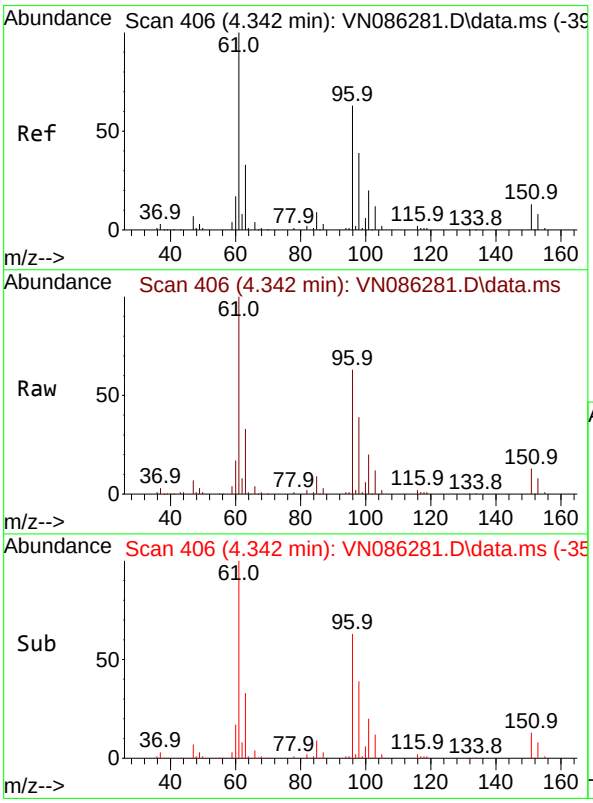
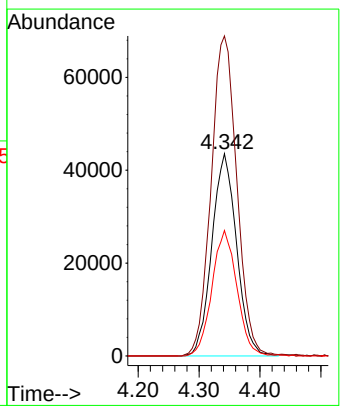
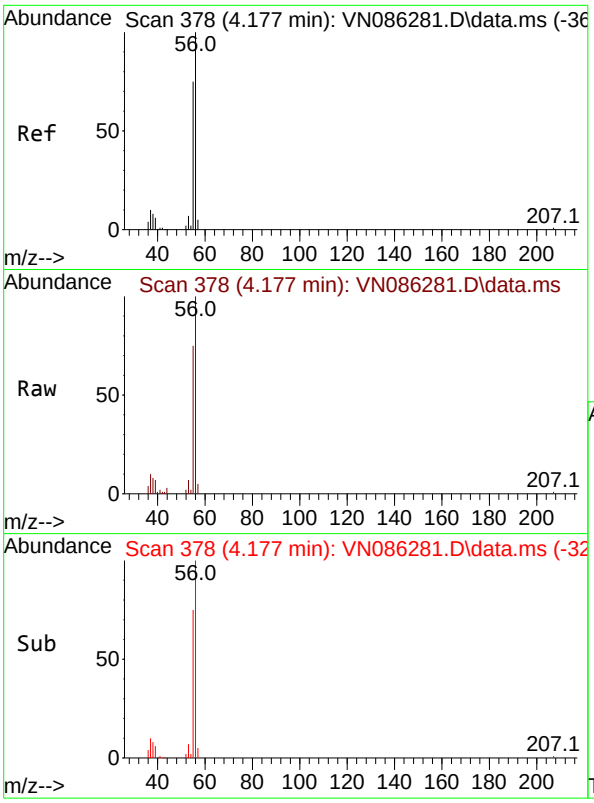


#12
1,1-Dichloroethene
Concen: 46.805 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 96 Resp: 123106

Ion	Ratio	Lower	Upper
96	100		
61	158.2	126.6	189.8
98	62.0	49.6	74.4





#13
Acrolein
Concen: 246.717 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 56 Resp: 6807

Ion	Ratio	Lower	Upper
56	100		
55	73.1	58.5	87.7

Instrument :
MSVOA_N
ClientSampleId :
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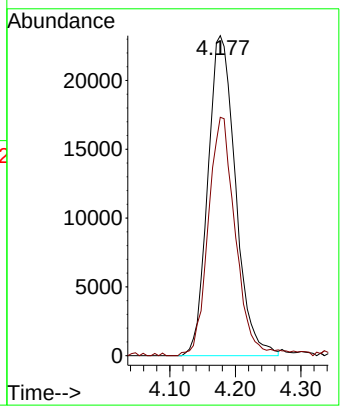
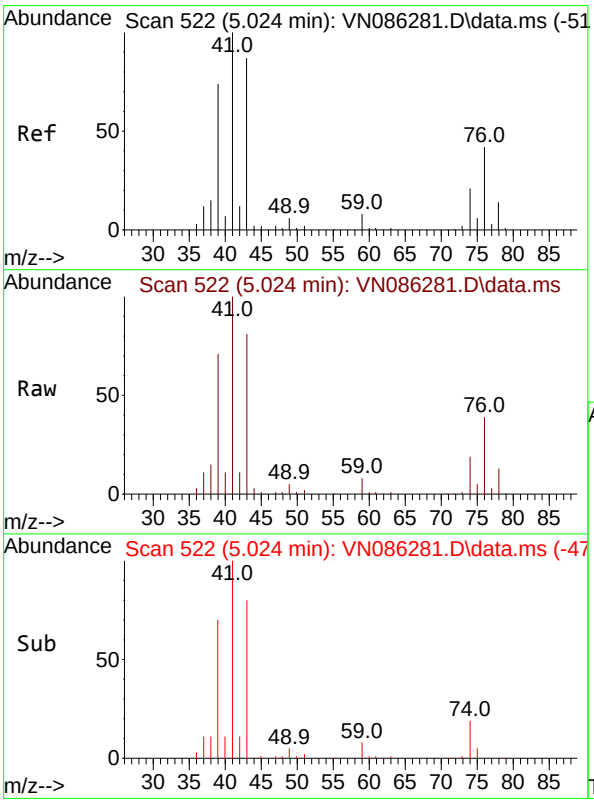
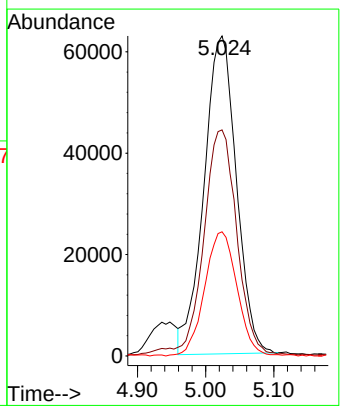


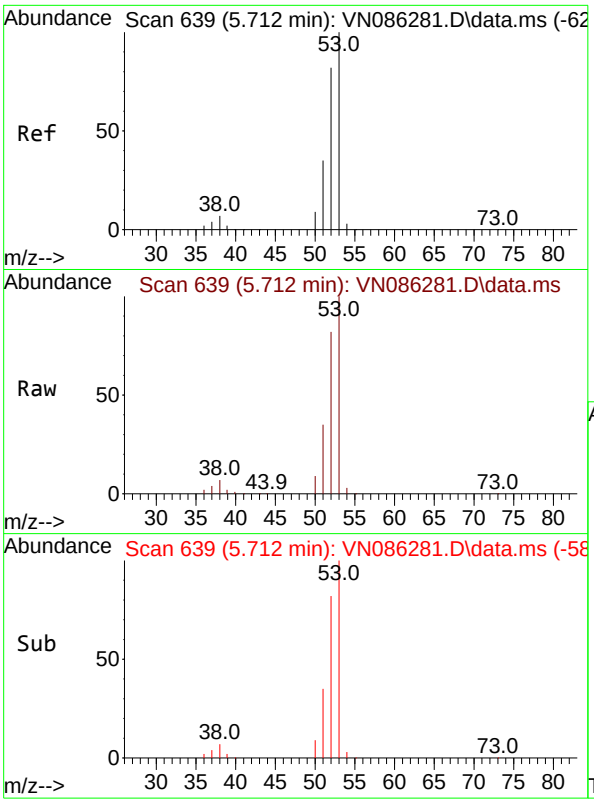


#14
Allyl chloride
Concen: 44.409 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 41 Resp: 207525

Ion	Ratio	Lower	Upper
41	100		
39	74.0	59.2	88.8
76	39.0	31.2	46.8

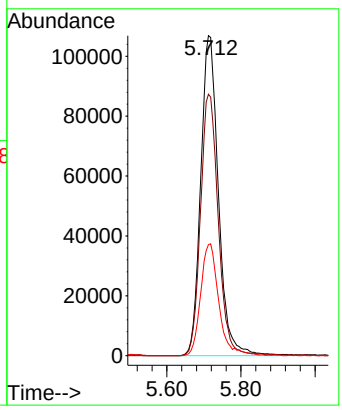




#15
Acrylonitrile
Concen: 242.632 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 53 Resp: 35463

Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.7	28.6	42.8



Instrument :
MSVOA_N
ClientSampleId :
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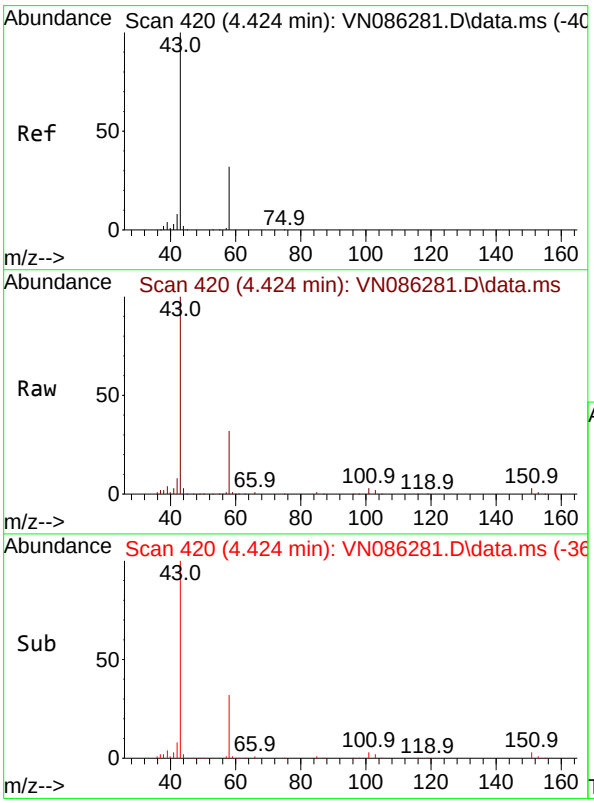
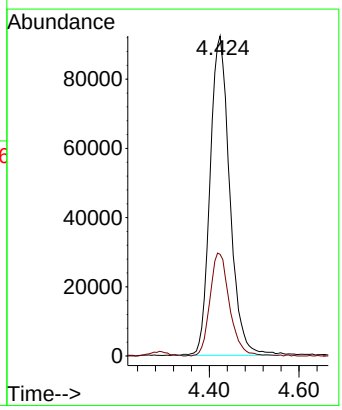
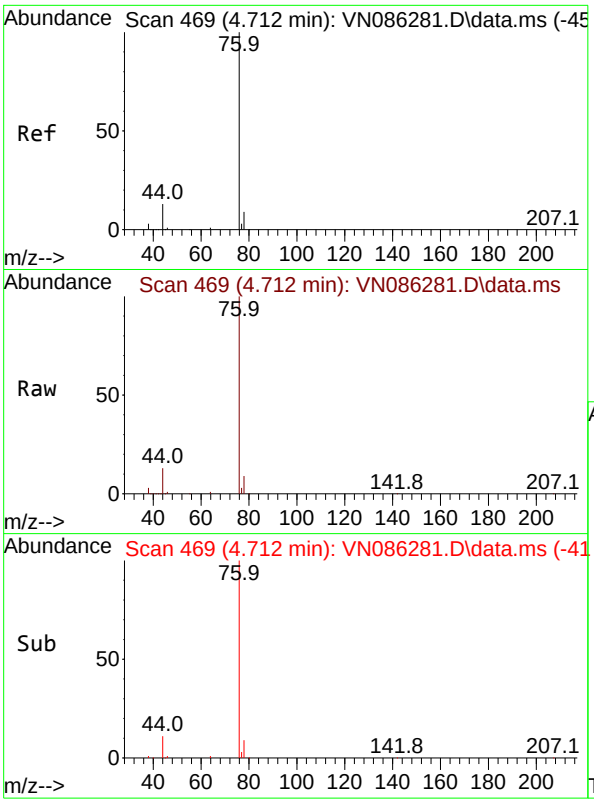


#16
Acetone
Concen: 250.761 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 280935

Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.3	37.9

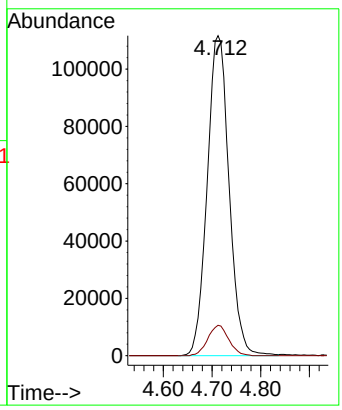




#17
Carbon Disulfide
Concen: 44.205 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 76 Resp: 34813

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.6	11.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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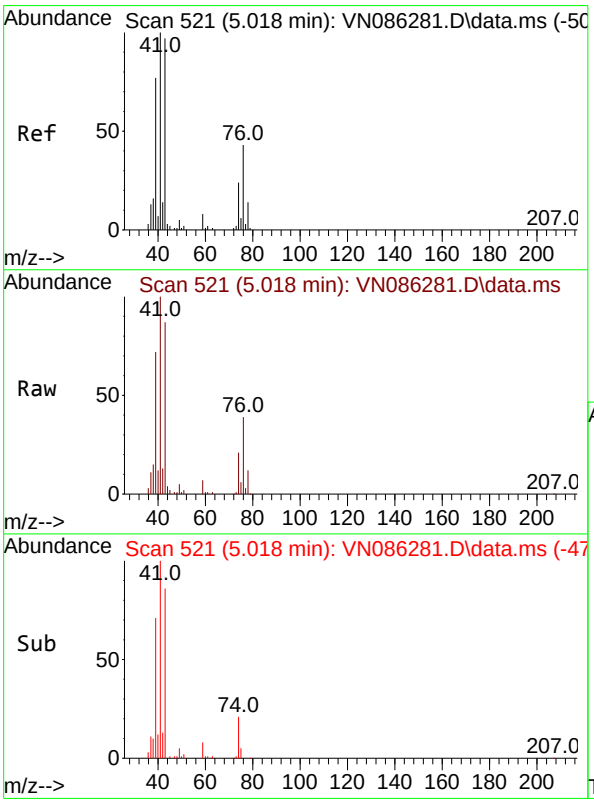
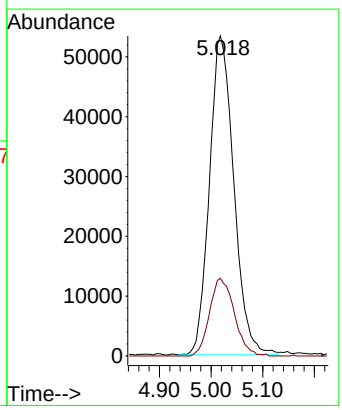
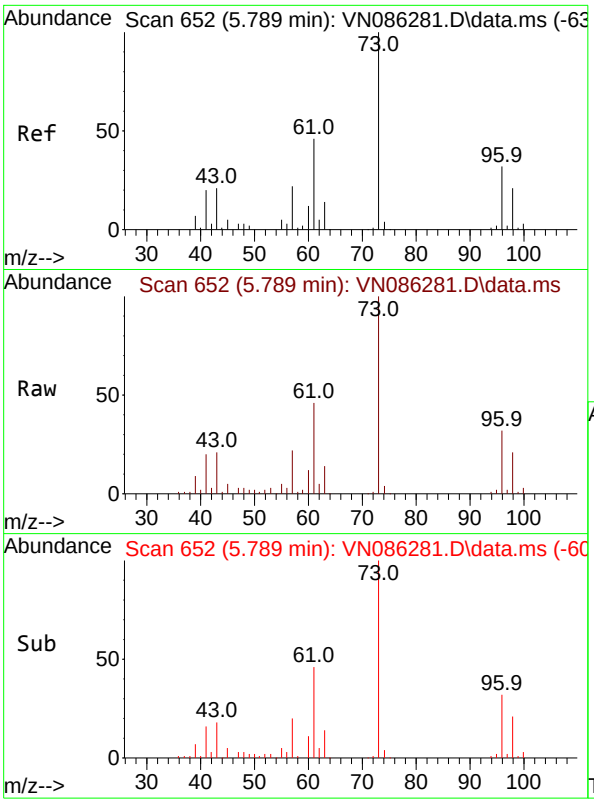


#18
Methyl Acetate
Concen: 44.886 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 174600

Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.8	29.6

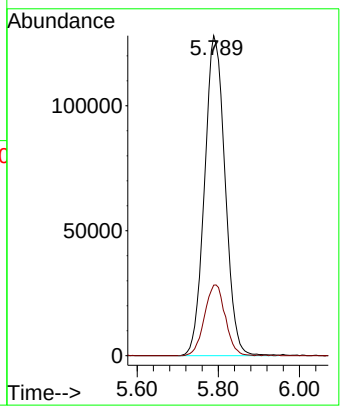




#19
Methyl tert-butyl Ether
Concen: 46.453 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 73 Resp: 44912

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.6	26.4



Instrument :
MSVOA_N
ClientSampleId :
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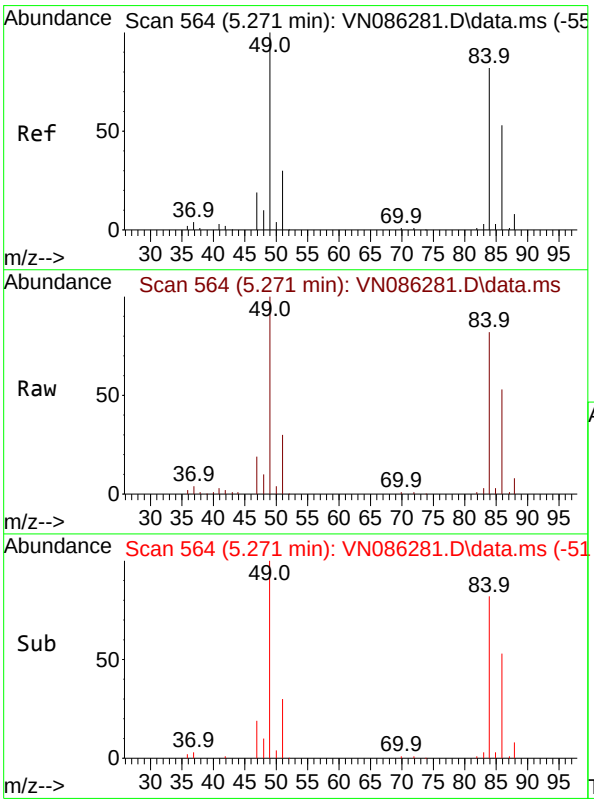
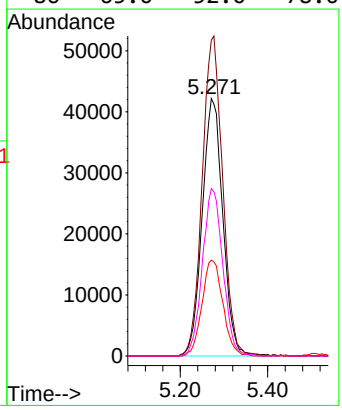
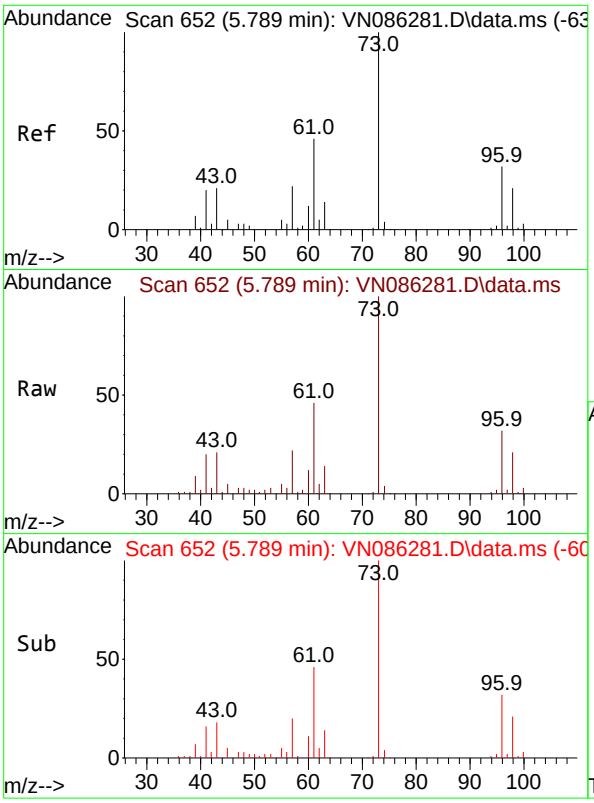


#20
Methylene Chloride
Concen: 46.163 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 84 Resp: 138293

Ion	Ratio	Lower	Upper
84	100		
49	122.7	98.2	147.2
51	37.2	29.8	44.6
86	65.0	52.0	78.0

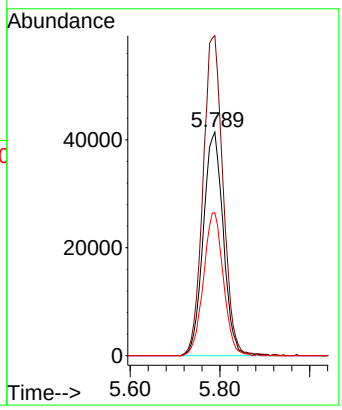




#21
trans-1,2-Dichloroethene
Concen: 46.696 ug/l
RT: 5.789 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 96 Resp: 12840

Ion	Ratio	Lower	Upper
96	100		
61	143.2	114.6	171.8
98	64.0	51.2	76.8



Instrument :
MSVOA_N
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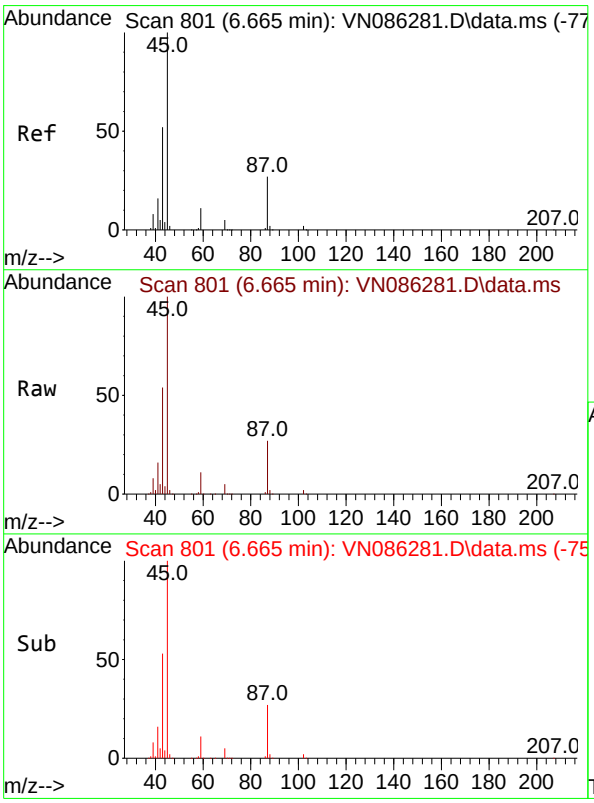
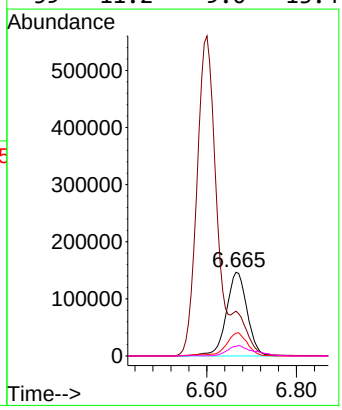
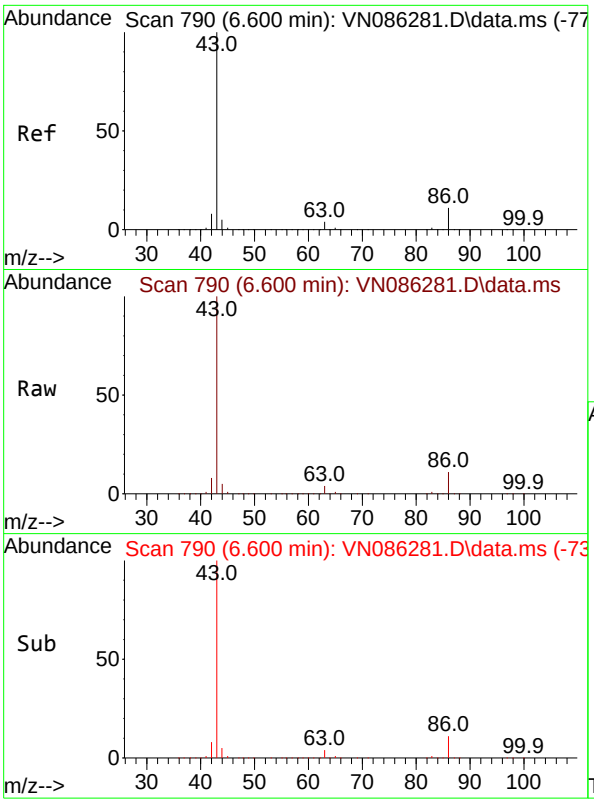


#22
Diisopropyl ether
Concen: 46.345 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 45 Resp: 471385

Ion	Ratio	Lower	Upper
45	100		
43	52.3	41.8	62.8
87	27.0	21.6	32.4
59	11.2	9.0	13.4

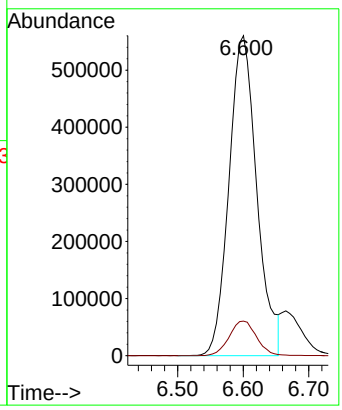




#23
Vinyl Acetate
Concen: 233.153 ug/l
RT: 6.600 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 165734

Ion	Ratio	Lower	Upper
43	100		
86	10.8	8.6	13.0



Instrument :
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ClientSampleId :
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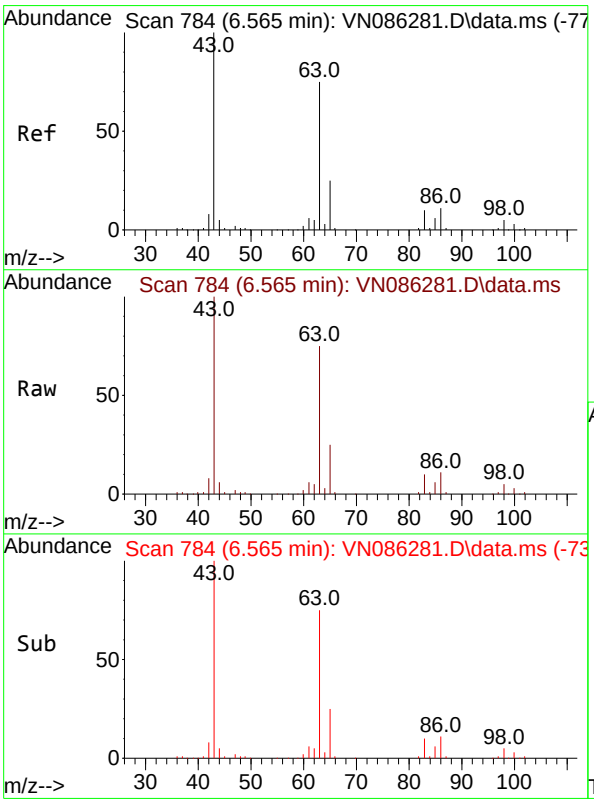
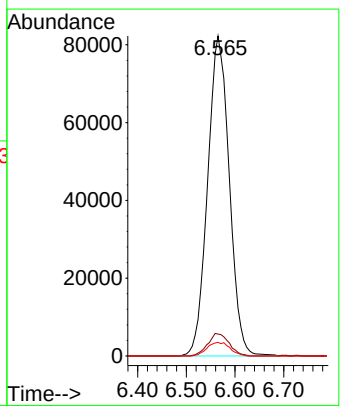
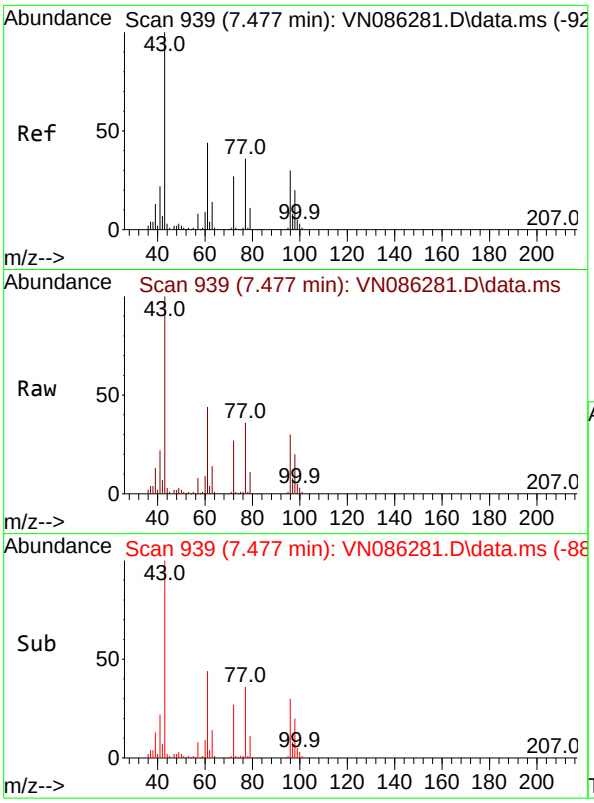


#24
1,1-Dichloroethane
Concen: 47.310 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 63 Resp: 253896

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.4	10.2
100	4.3	2.1	6.5





#25
2-Butanone
Concen: 235.633 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 47528

Ion	Ratio	Lower	Upper
43	100		
72	27.1	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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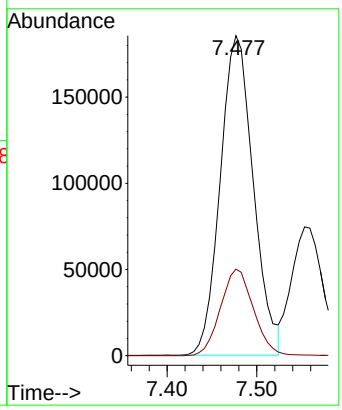
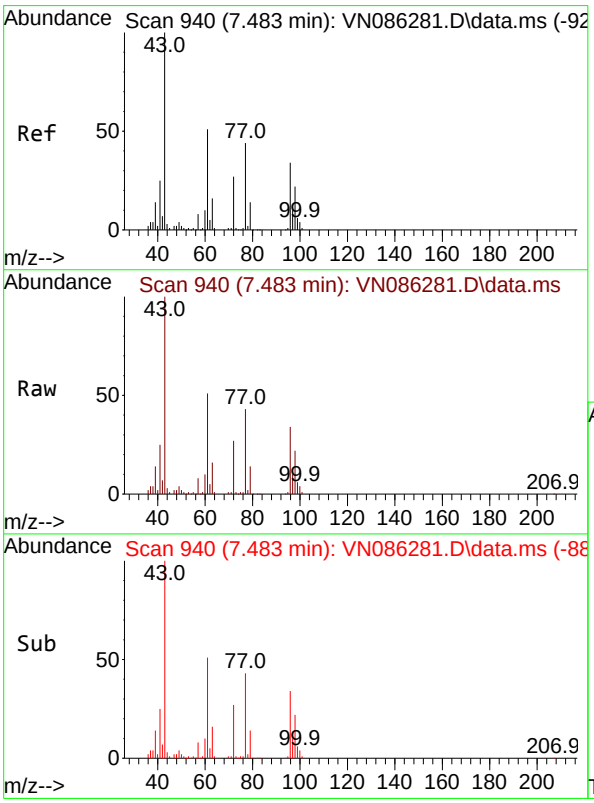
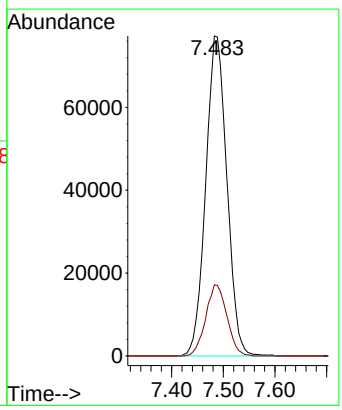


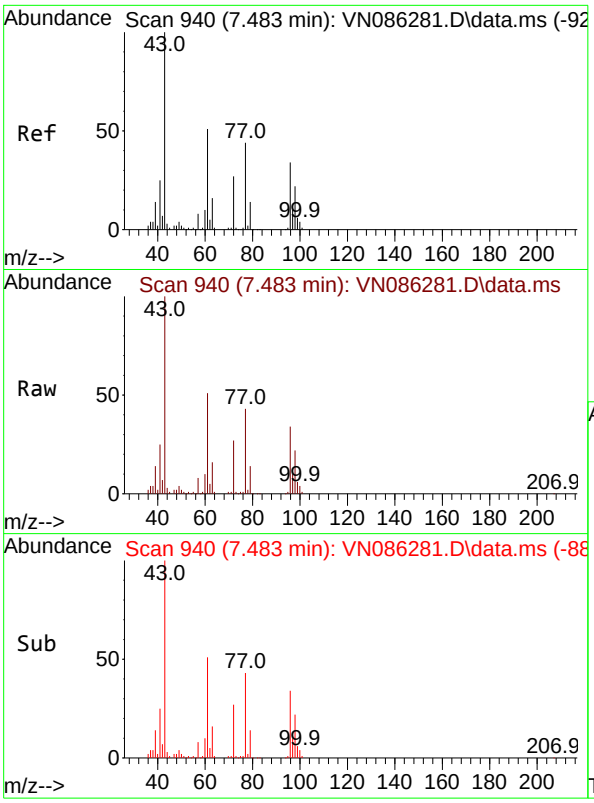


#26
2,2-Dichloropropane
Concen: 45.729 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 77 Resp: 219735

Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.2	33.5





#27
cis-1,2-Dichloroethene
Concen: 46.722 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 96 Resp: 15946

Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	299.0
98	64.8	0.0	129.6

Instrument :
MSVOA_N
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VSTDICCC050

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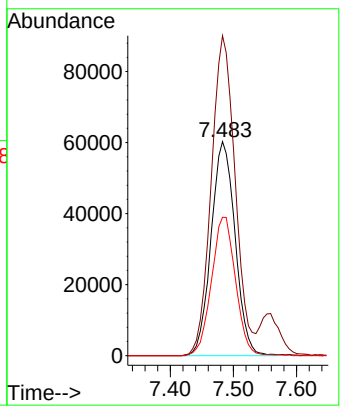
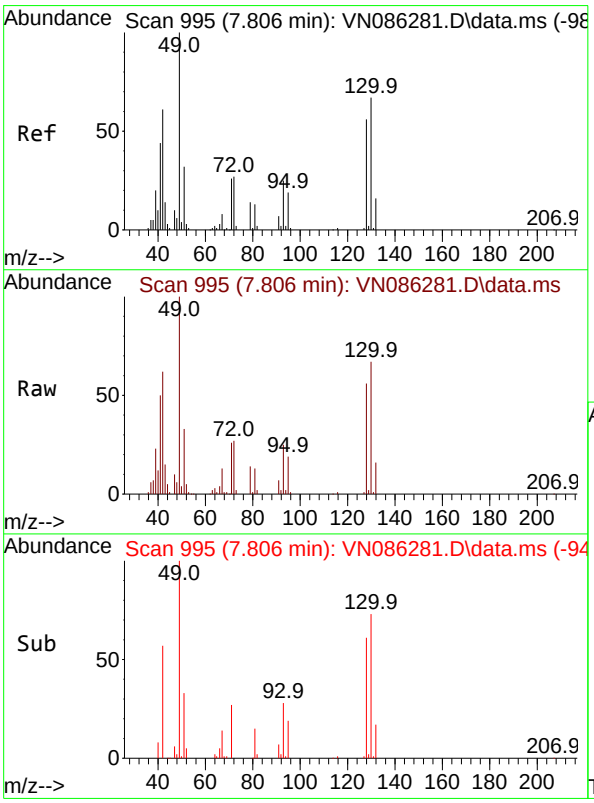
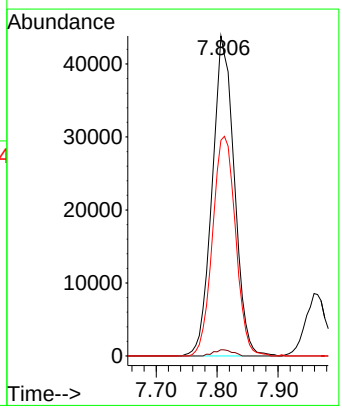


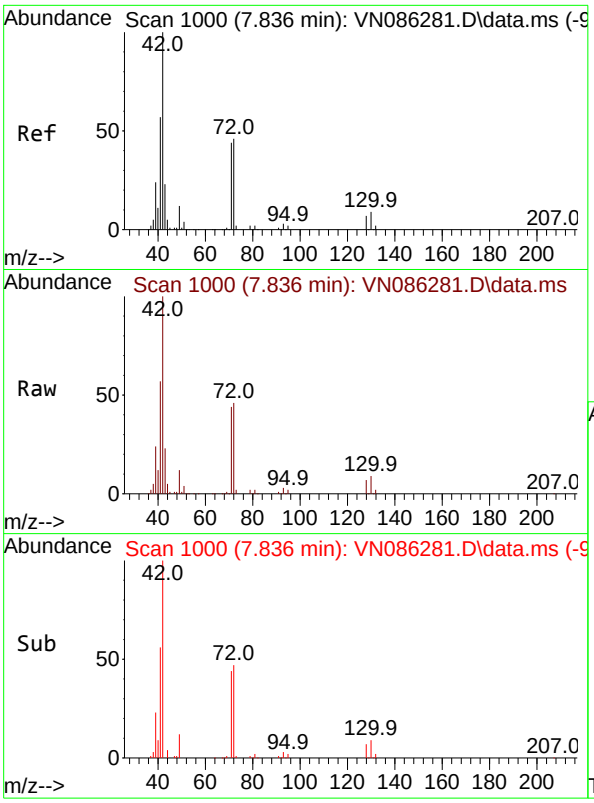


#28
Bromochloromethane
Concen: 48.660 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 49 Resp: 110726

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	71.4	57.1	85.7

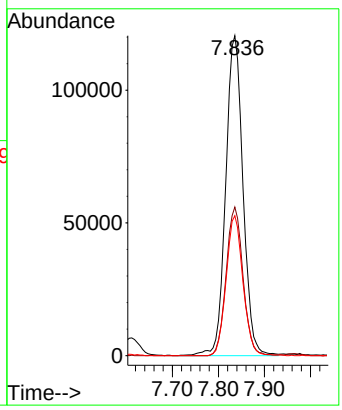




#29
Tetrahydrofuran
Concen: 232.739 ug/l
RT: 7.836 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 42 Resp: 31392

Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.2	54.4
71	42.5	34.0	51.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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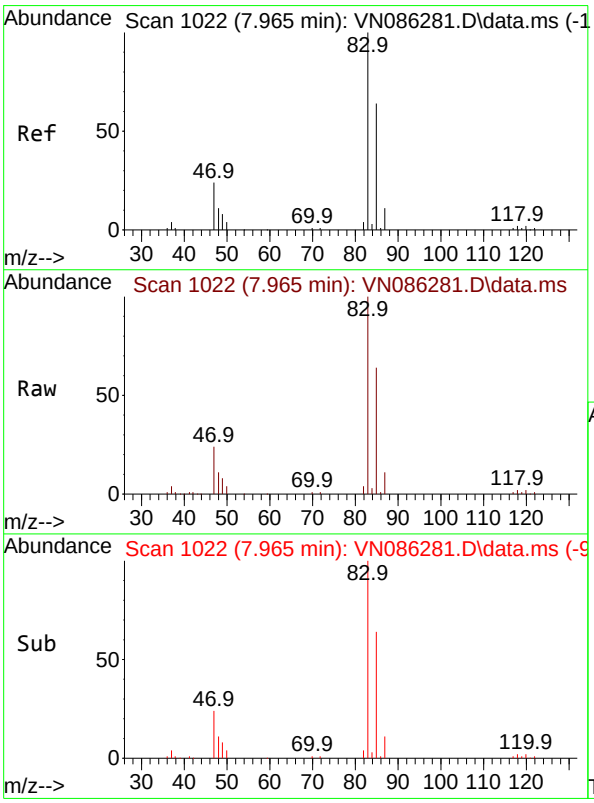
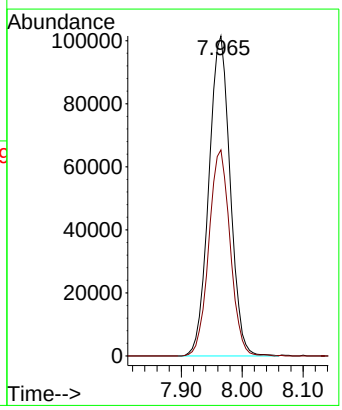
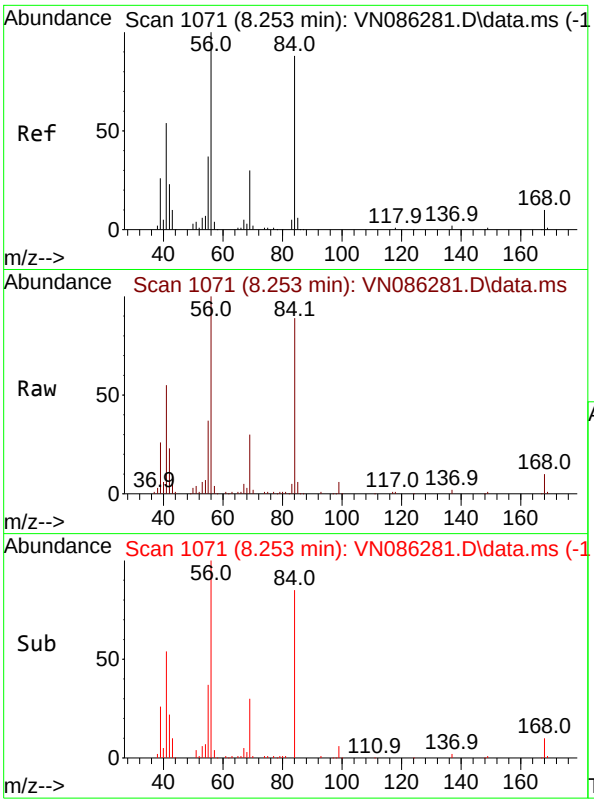


#30
Chloroform
Concen: 46.823 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 83 Resp: 246843

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3

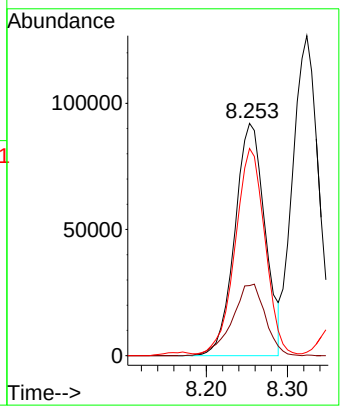




#31
Cyclohexane
Concen: 45.343 ug/l
RT: 8.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 56 Resp: 23811

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.2
84	87.9	70.3	105.5



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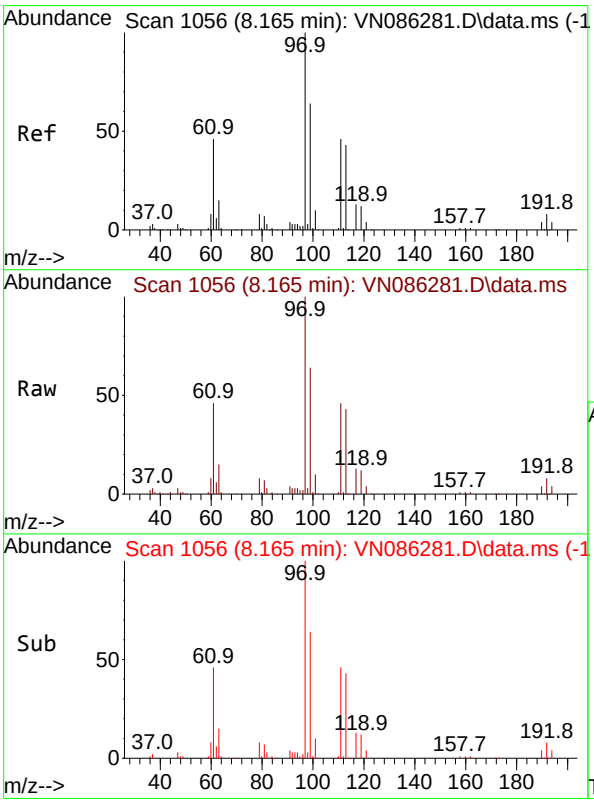
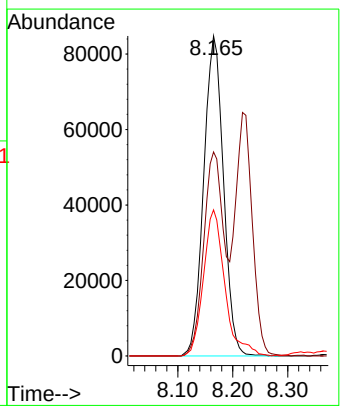
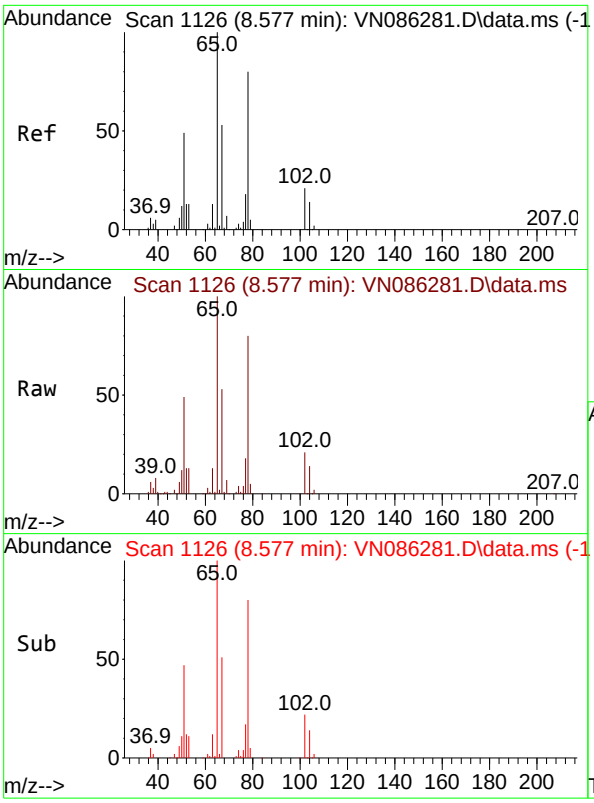


#32
1,1,1-Trichloroethane
Concen: 47.013 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 97 Resp: 212021

Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.7	79.1
61	49.4	39.5	59.3

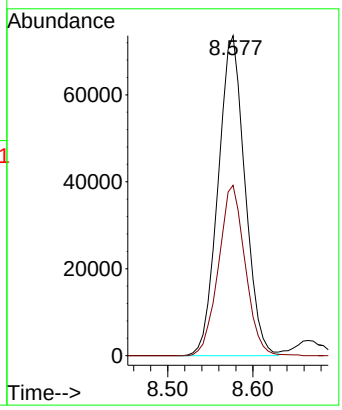




#33
1,2-Dichloroethane-d4
Concen: 49.609 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 65 Resp: 16075

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	106.0



Instrument :
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ClientSampleId :
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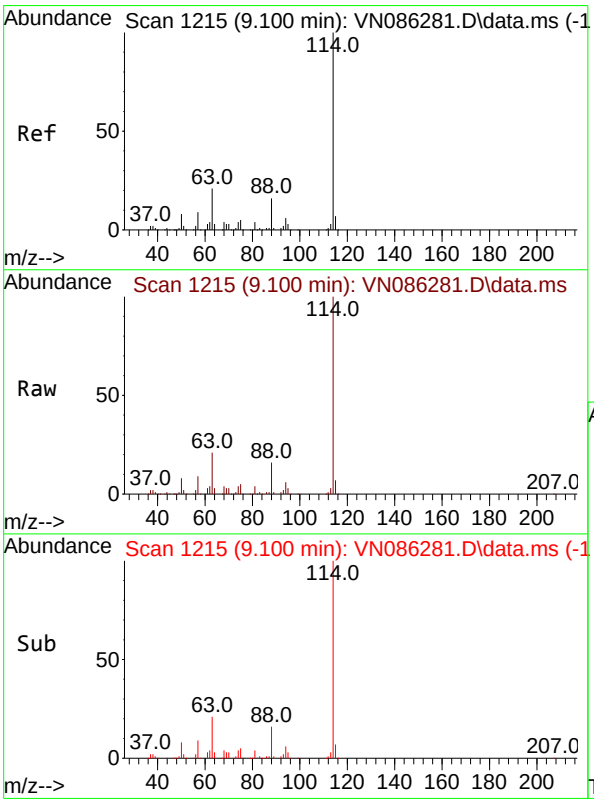
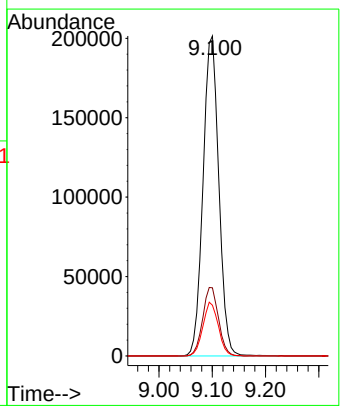
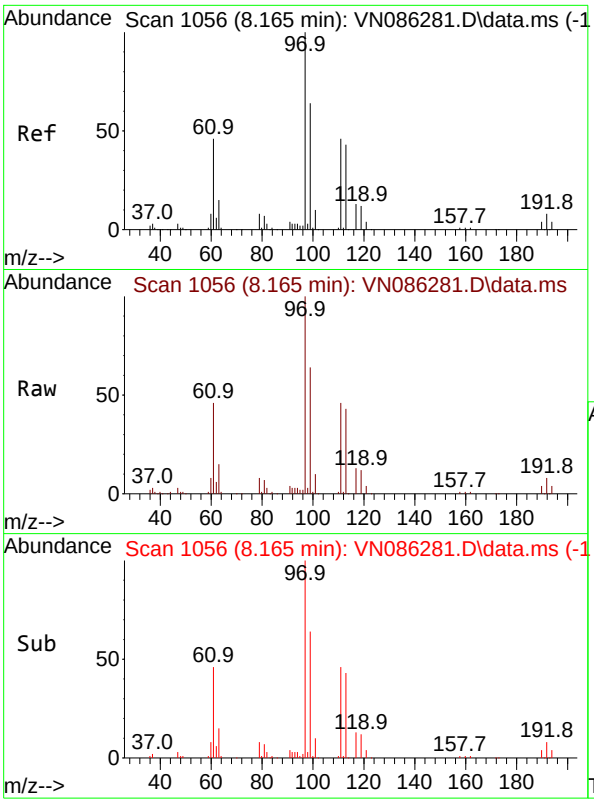


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:114 Resp: 413969

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.6
88	15.9	0.0	31.8

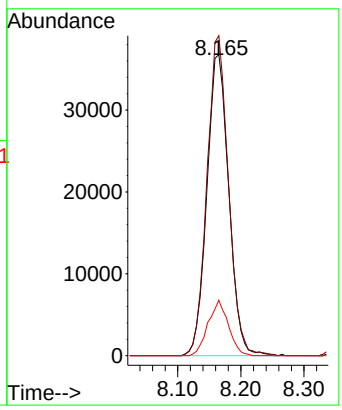




#35
Dibromofluoromethane
Concen: 46.238 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:113 Resp: 8883

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.0
192	17.1	13.7	20.5



Instrument :
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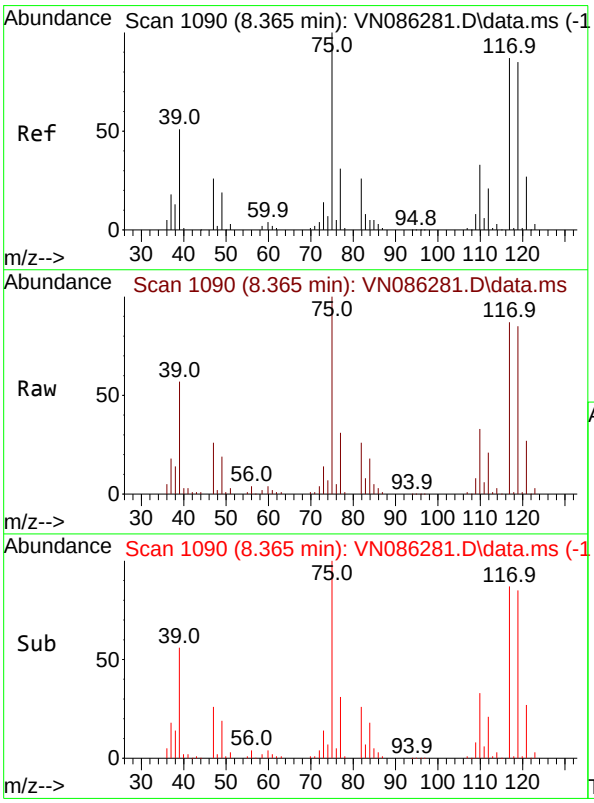
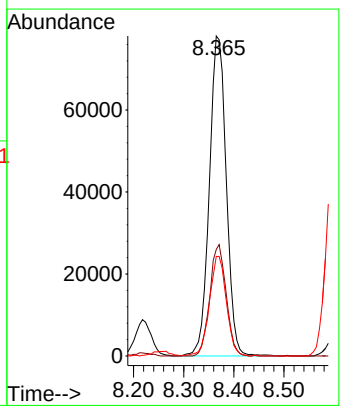
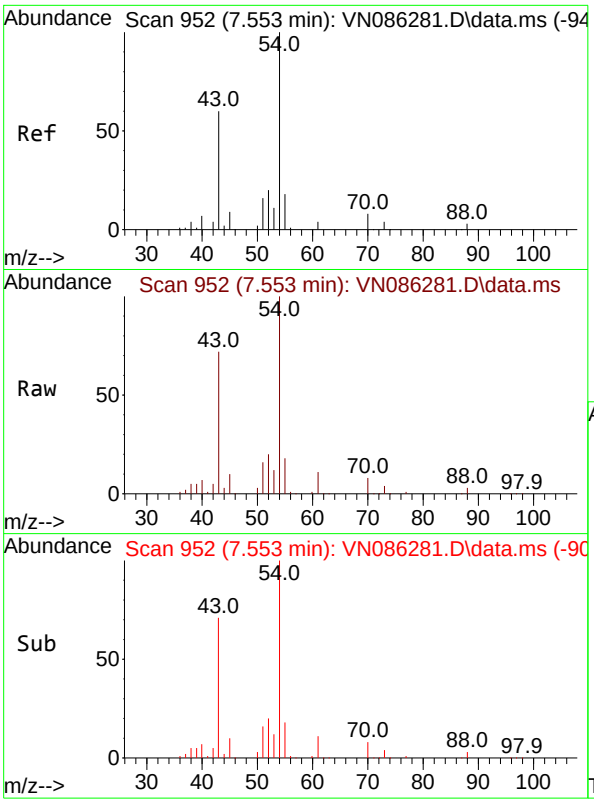


#36
1,1-Dichloropropene
Concen: 47.752 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 75 Resp: 183246

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.8	50.4
77	31.1	24.9	37.3

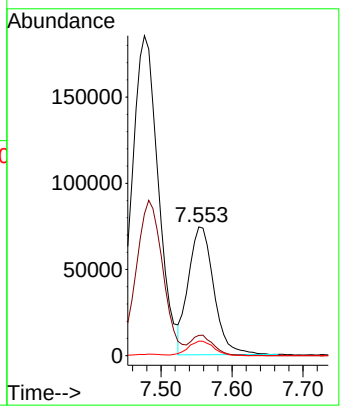




#37
Ethyl Acetate
Concen: 45.750 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 18483

Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	11.5	9.2	13.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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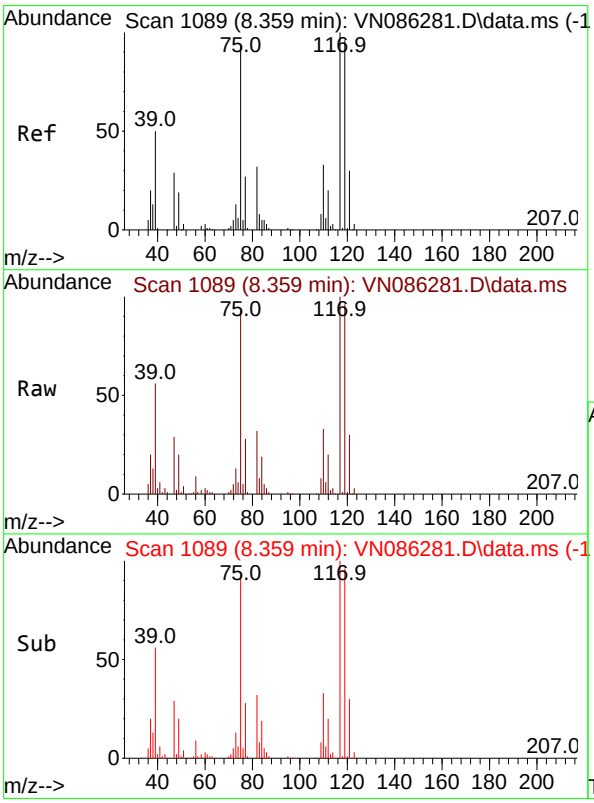
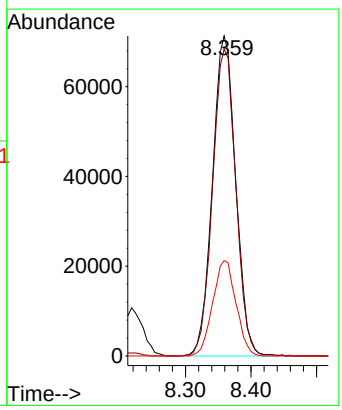
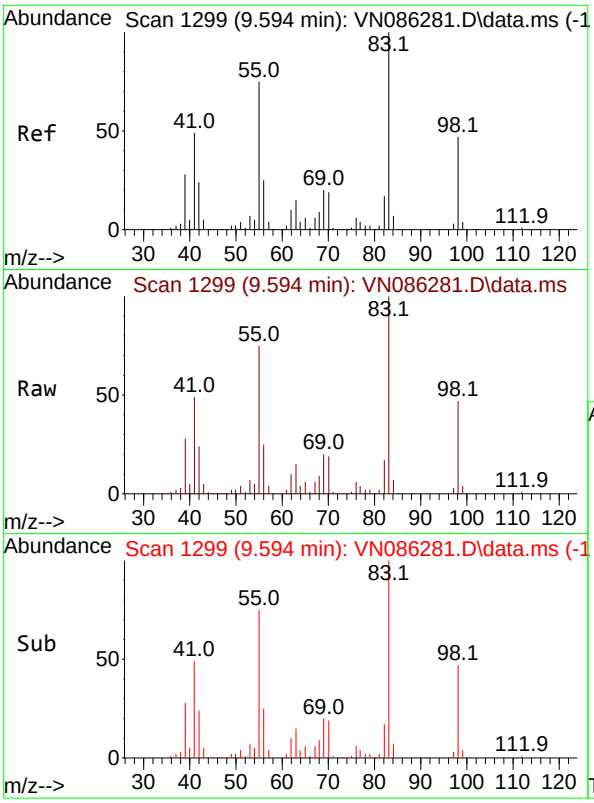


#38
Carbon Tetrachloride
Concen: 47.912 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:117 Resp: 175094

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.8	115.2
121	29.8	23.8	35.8

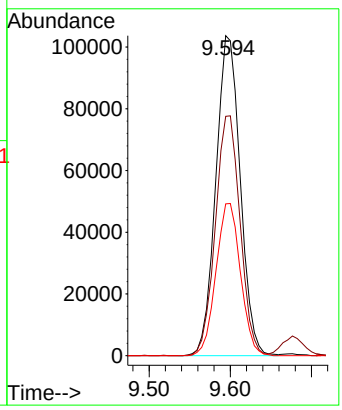




#39
Methylcyclohexane
Concen: 47.515 ug/l
RT: 9.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 83 Resp: 21672

Ion	Ratio	Lower	Upper
83	100		
55	74.8	59.8	89.8
98	47.4	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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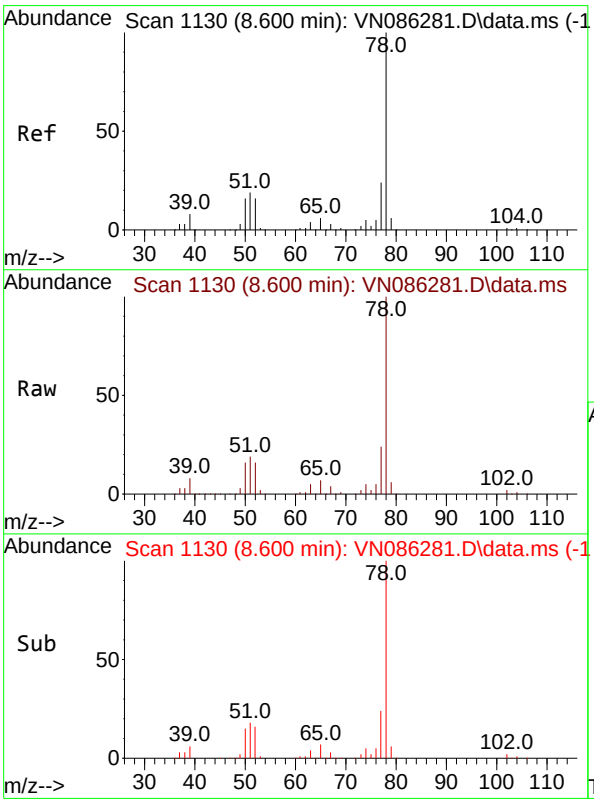
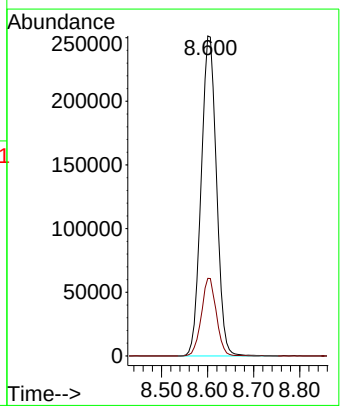
Supervised By :Semsettin Yesilyurt 04/16/2025

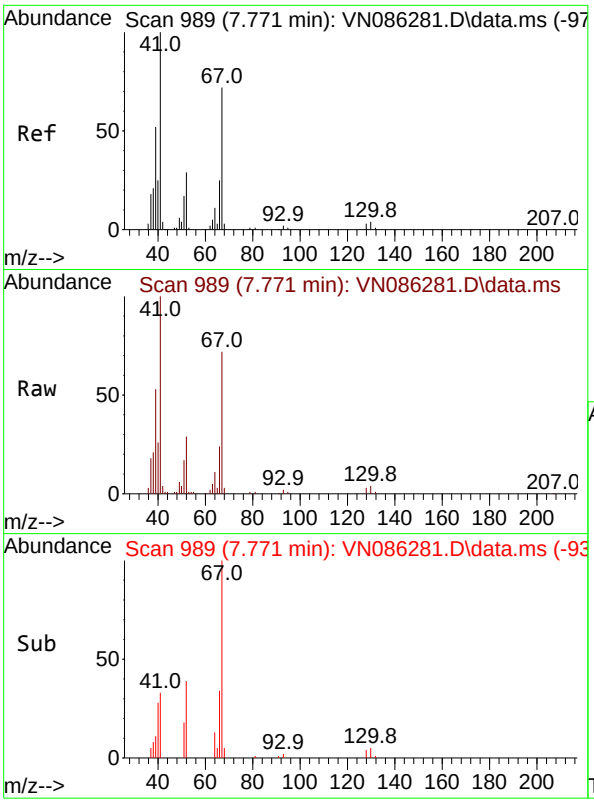


#40
Benzene
Concen: 47.443 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 78 Resp: 583316

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.2

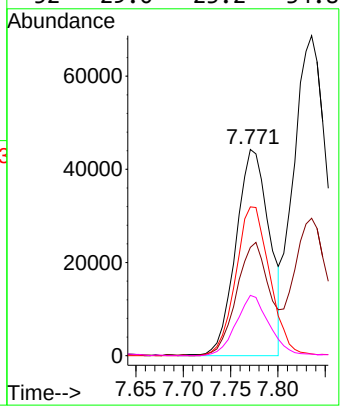




#41
Methacrylonitrile
Concen: 46.643 ug/l
RT: 7.771 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 41 Resp: 10921

Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.0	64.4
67	73.5	58.8	88.2
52	29.0	23.2	34.8



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VSTDICCC050

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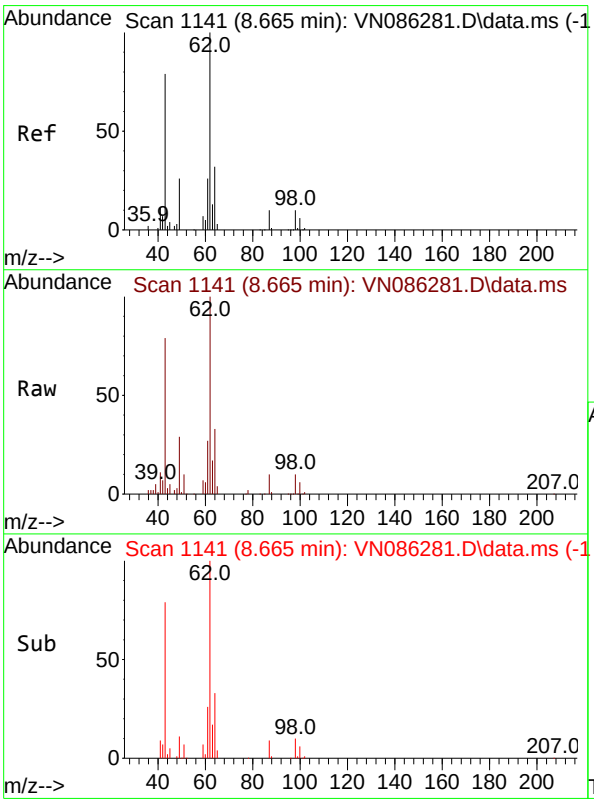
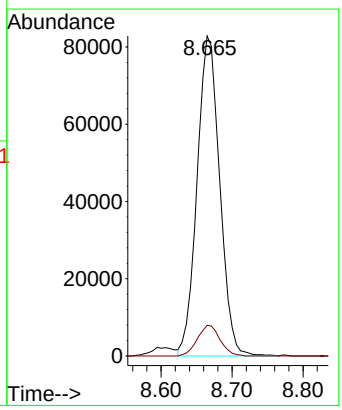
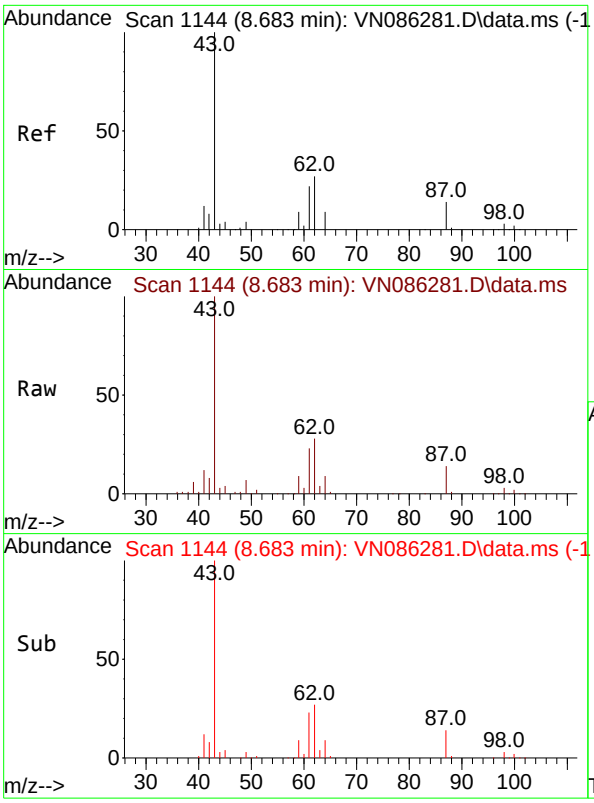


#42
1,2-Dichloroethane
Concen: 46.892 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 62 Resp: 183854

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

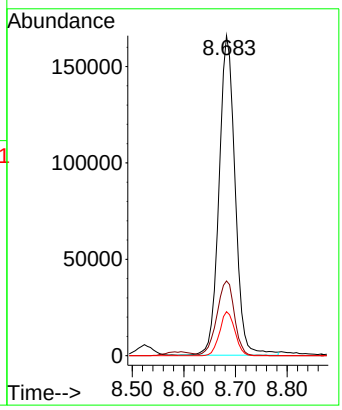




#43
Isopropyl Acetate
Concen: 49.550 ug/l
RT: 8.683 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 35832

Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.5	30.7
87	13.1	10.5	15.7



Instrument :
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ClientSampleId :
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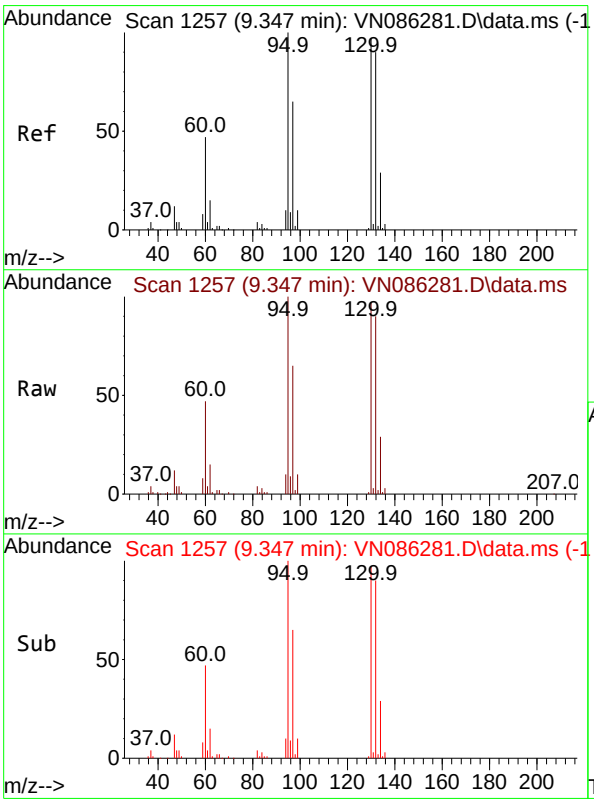
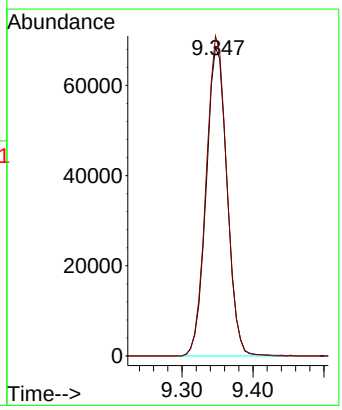
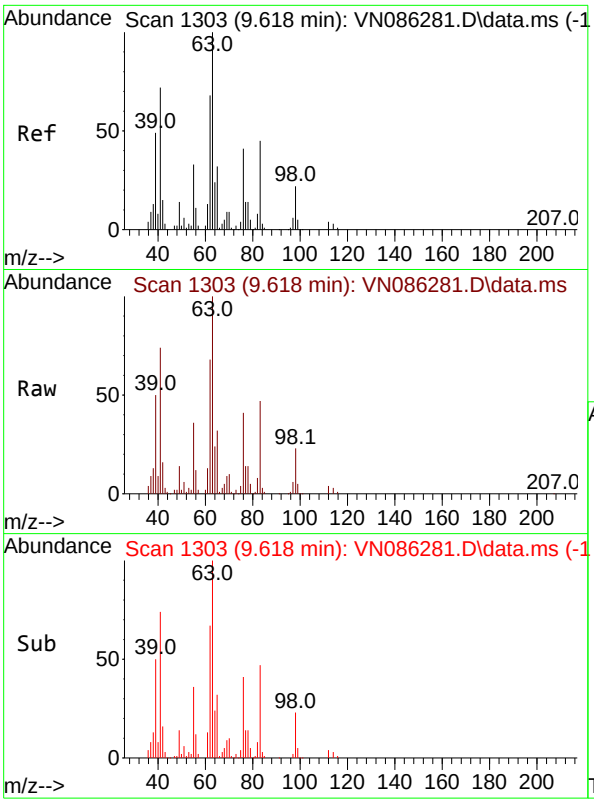


#44
Trichloroethene
Concen: 48.039 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:130 Resp: 139993

Ion	Ratio	Lower	Upper
130	100		
95	103.6	0.0	207.2

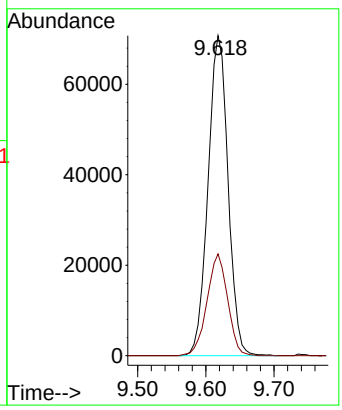




#45
1,2-Dichloropropane
Concen: 48.011 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 63 Resp: 14449

Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
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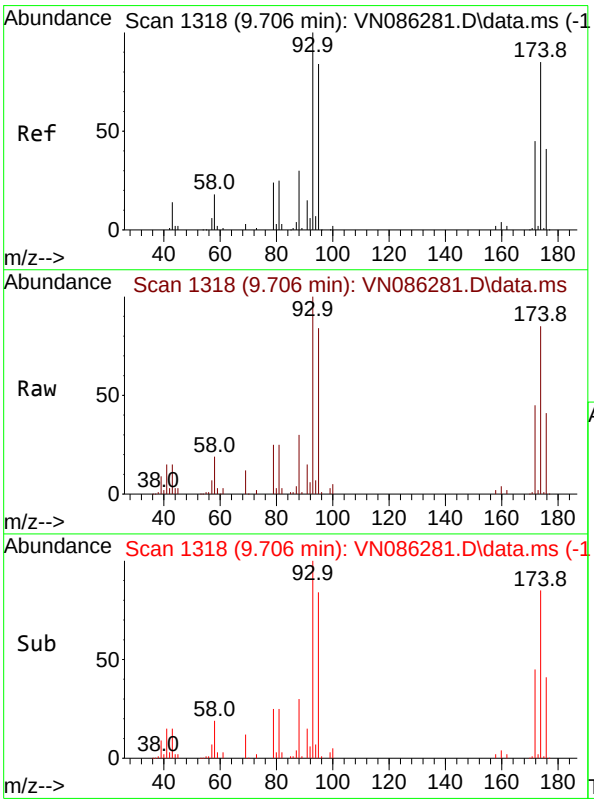
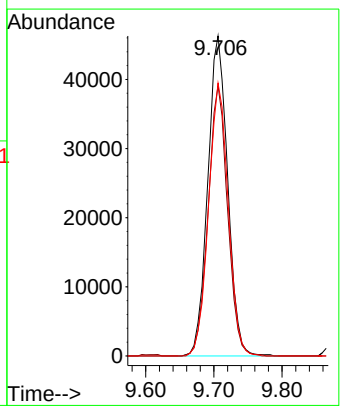
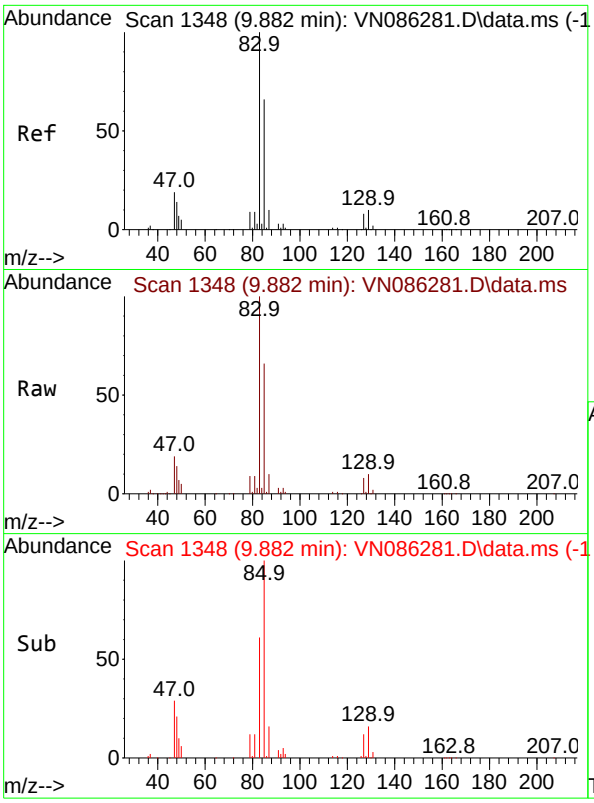


#46
Dibromomethane
Concen: 49.002 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 93 Resp: 93965

Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.2	99.4
174	84.7	67.8	101.6

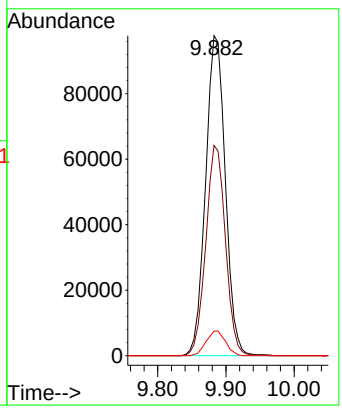




#47
Bromodichloromethane
Concen: 47.516 ug/l
RT: 9.882 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 83 Resp: 19679

Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8
127	7.6	6.1	9.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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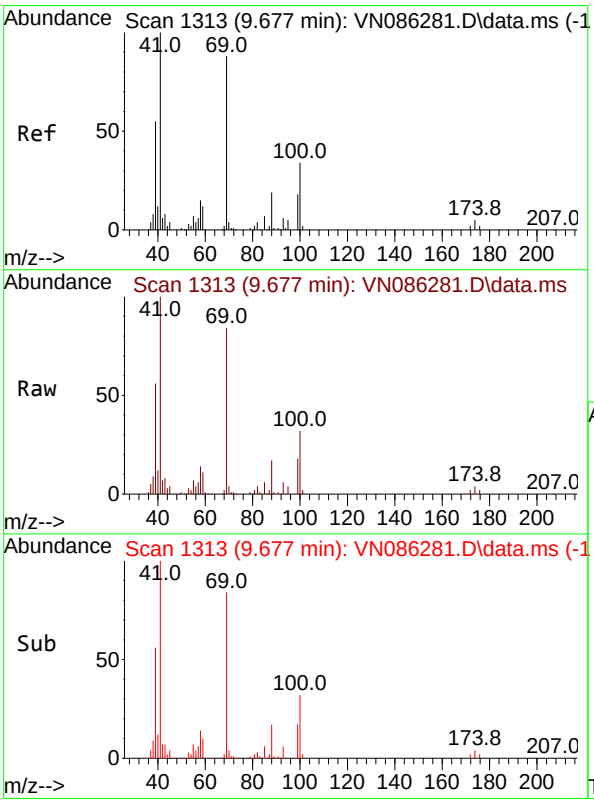
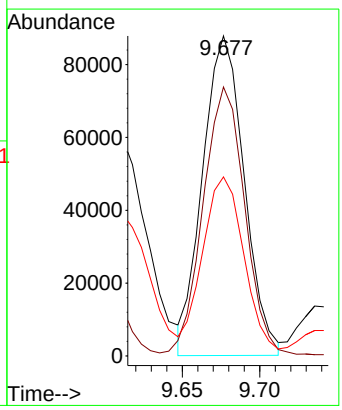
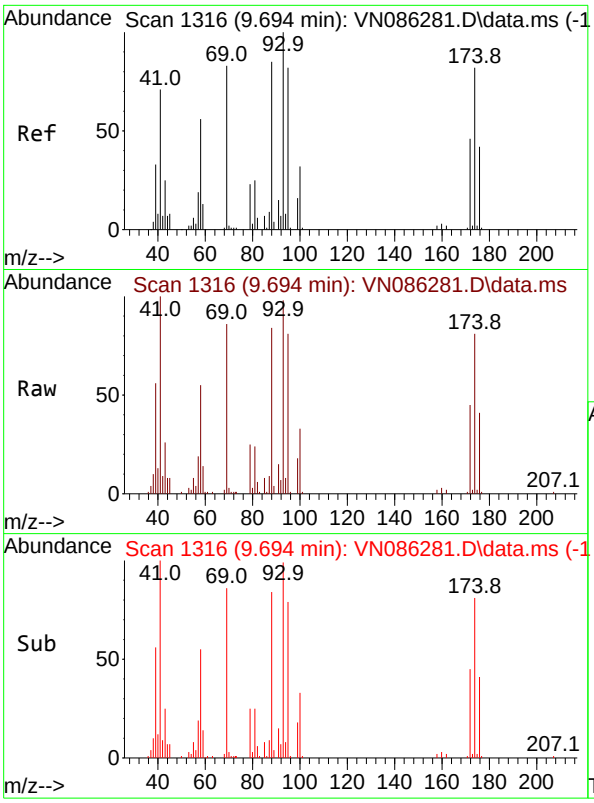


#48
Methyl methacrylate
Concen: 46.146 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 41 Resp: 163719

Ion	Ratio	Lower	Upper
41	100		
69	85.2	68.2	102.2
39	56.5	45.2	67.8

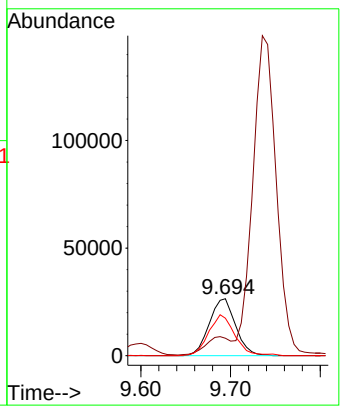




#49
1,4-Dioxane
Concen: 892.337 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 88 Resp: 5385

Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.8	35.8
58	71.8	57.4	86.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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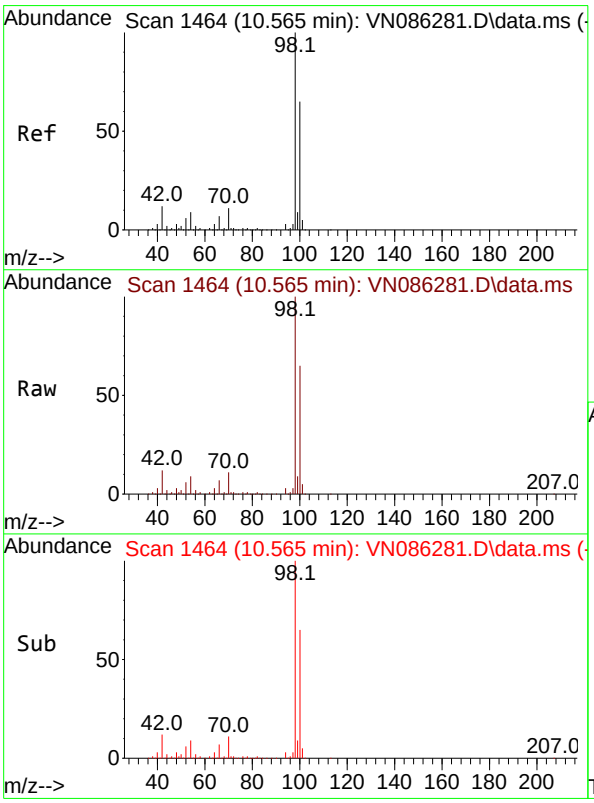
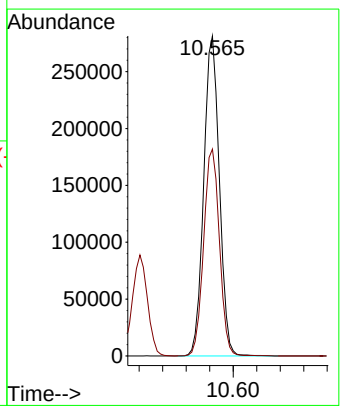
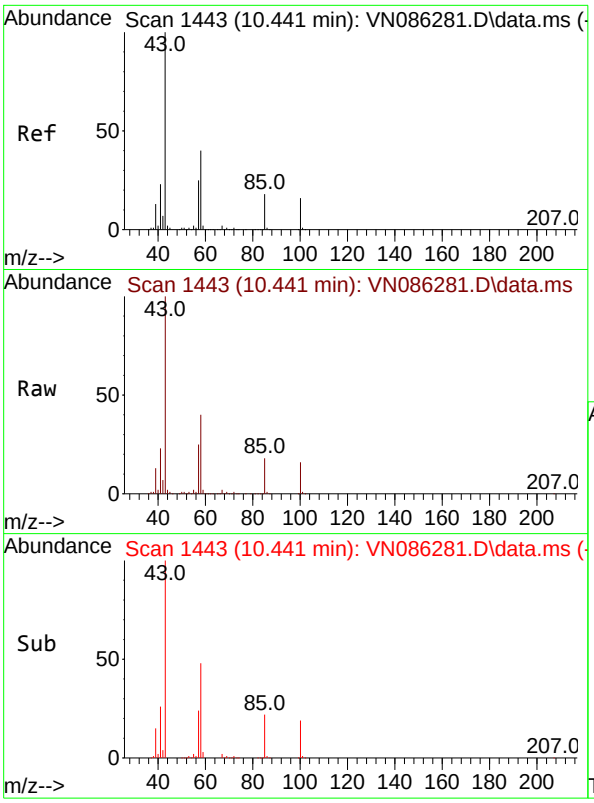


#50
Toluene-d8
Concen: 50.426 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 98 Resp: 517785

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7

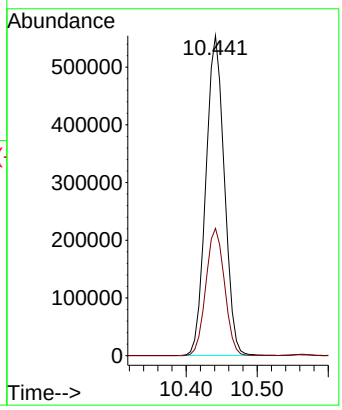




#51
4-Methyl-2-Pentanone
Concen: 241.959 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 100099

Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.2	48.4



Instrument :
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ClientSampleId :
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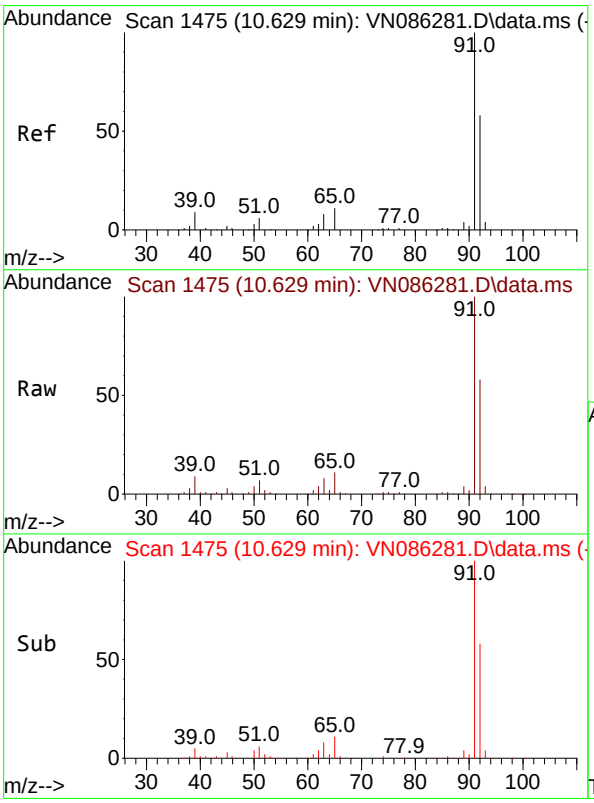
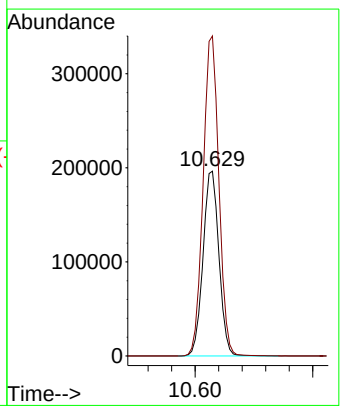
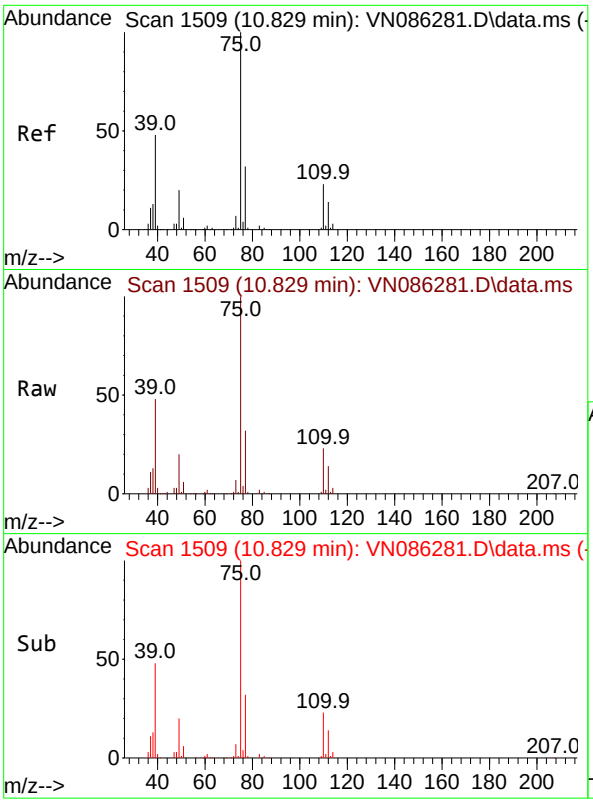


#52
Toluene
Concen: 48.144 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 92 Resp: 369349

Ion	Ratio	Lower	Upper
92	100		
91	171.6	137.3	205.9

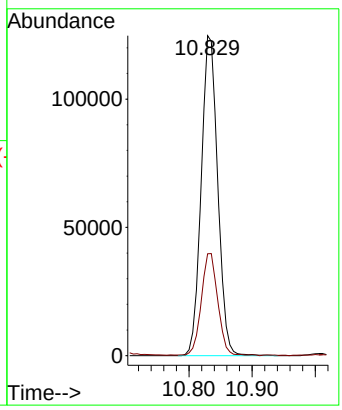




#53
t-1,3-Dichloropropene
Concen: 48.996 ug/l
RT: 10.829 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 75 Resp: 22651

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0



Instrument :
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VSTDICCC050

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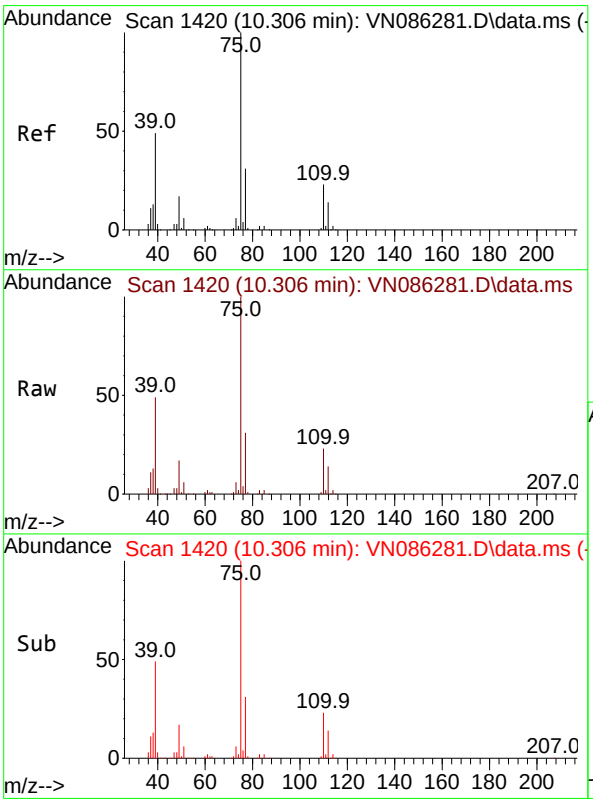
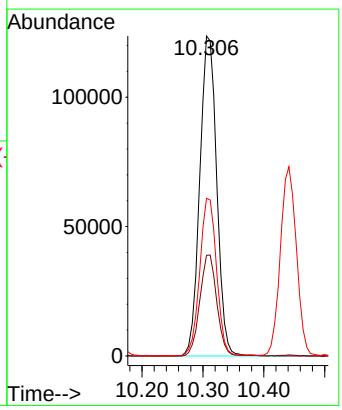
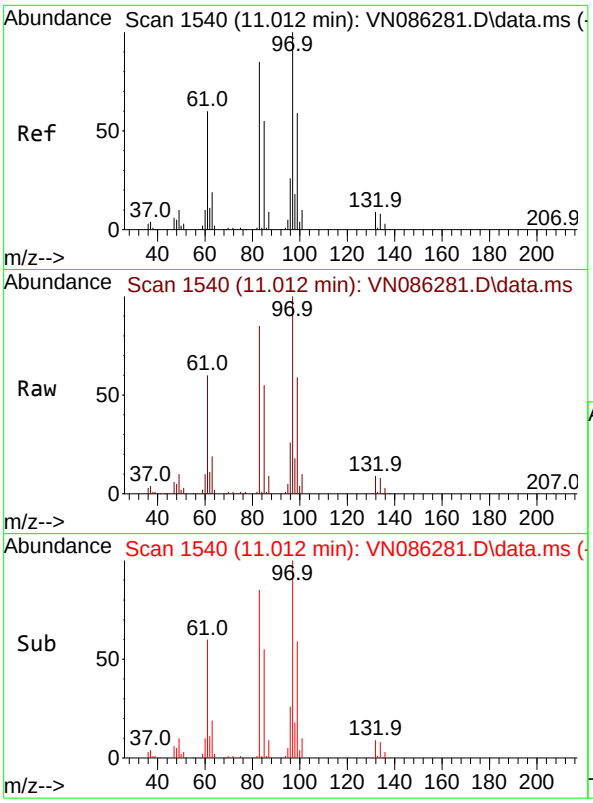


#54
cis-1,3-Dichloropropene
Concen: 47.021 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 75 Resp: 238764

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	49.1	39.3	58.9

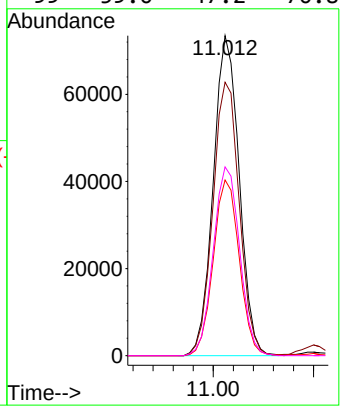




#55
1,1,2-Trichloroethane
Concen: 47.721 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 97 Resp: 13172

Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	54.9	43.9	65.9
99	59.0	47.2	70.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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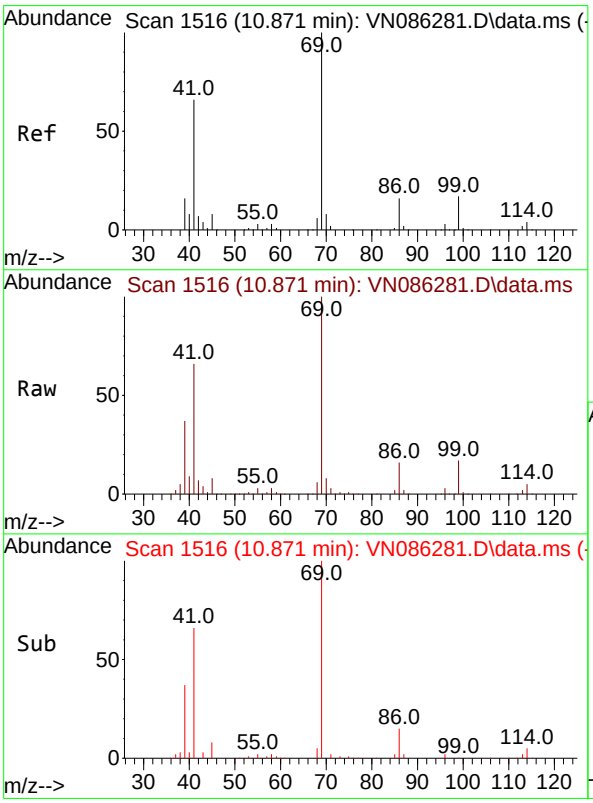
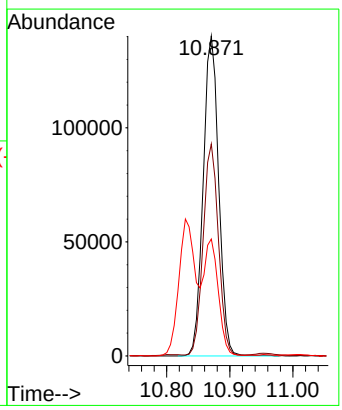
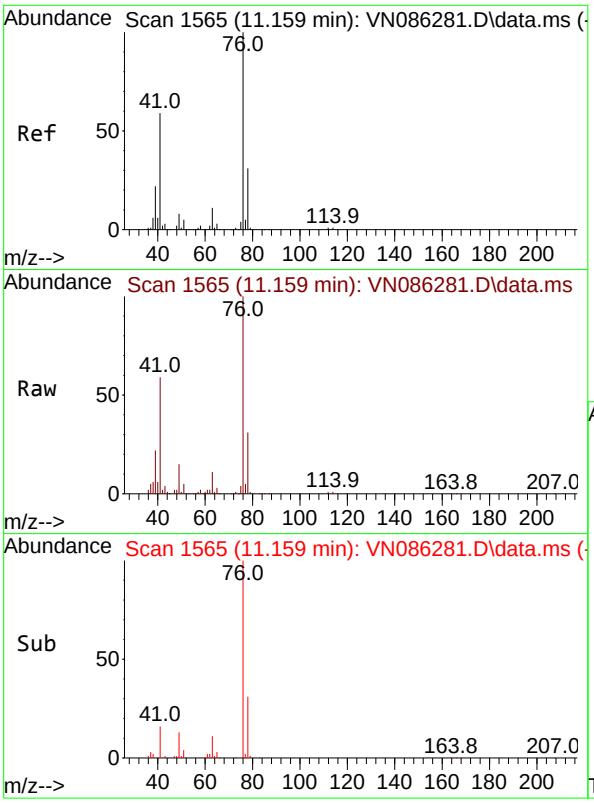


#56
Ethyl methacrylate
Concen: 47.235 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 69 Resp: 239654

Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.7	77.5
39	32.9	26.3	39.5

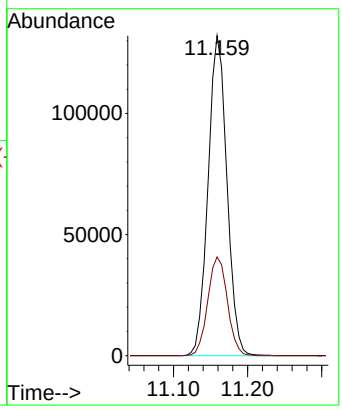




#57
1,3-Dichloropropane
Concen: 47.689 ug/l
RT: 11.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 76 Resp: 23354

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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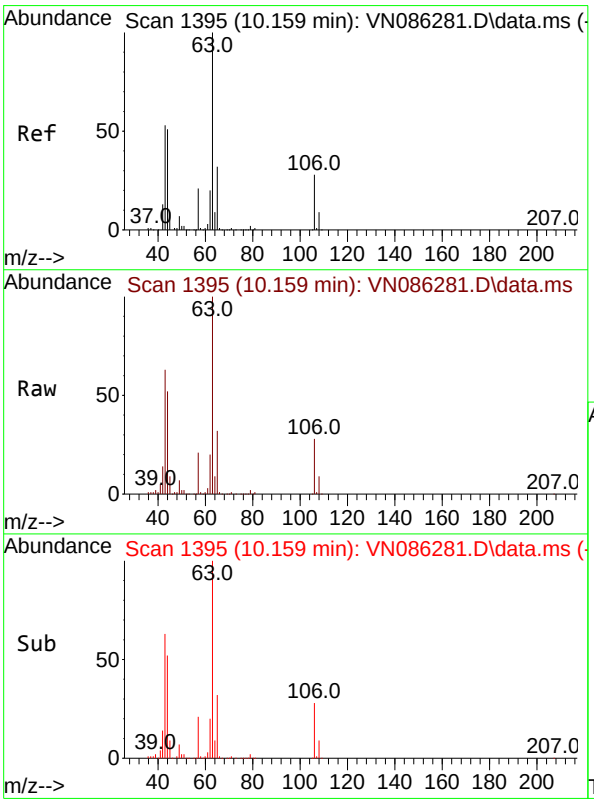
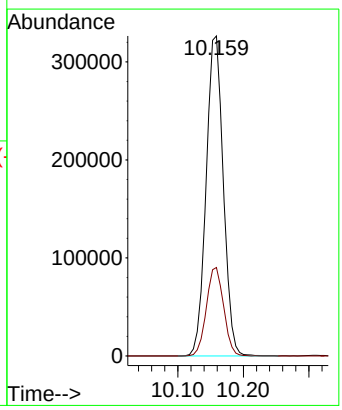
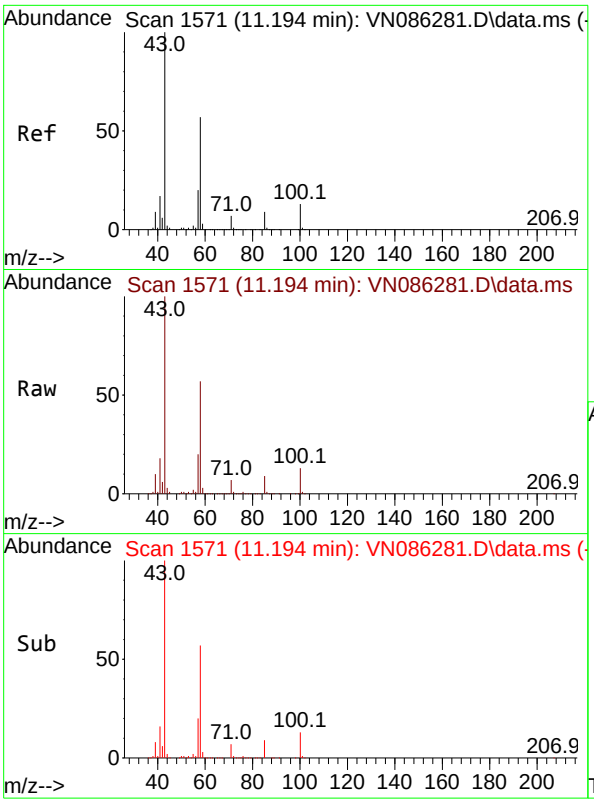


#58
2-Chloroethyl Vinyl ether
Concen: 246.859 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 63 Resp: 594475

Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.2	33.2





#59
2-Hexanone
Concen: 239.414 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 73466

Ion	Ratio	Lower	Upper
43	100		
58	56.7	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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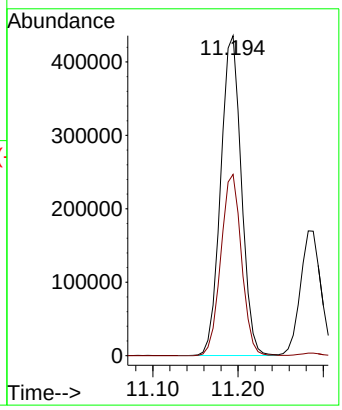
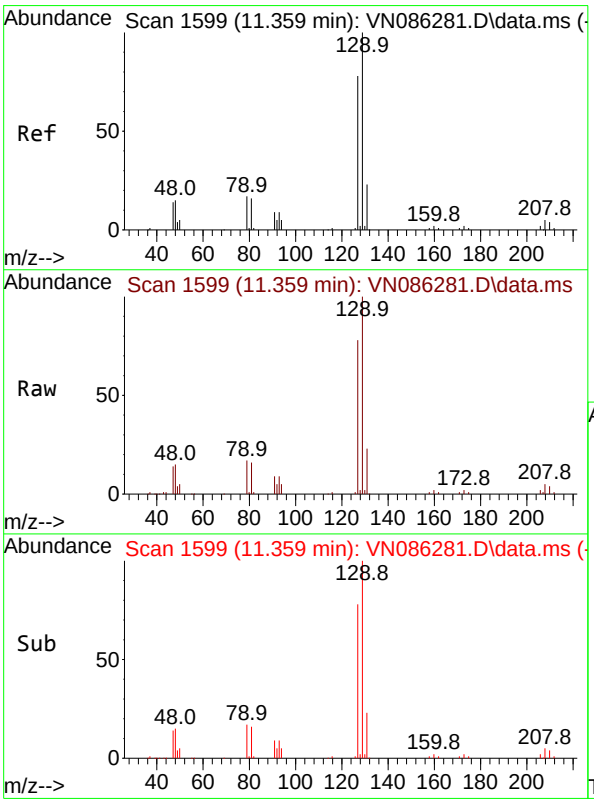
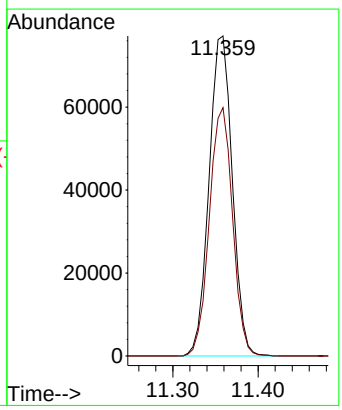


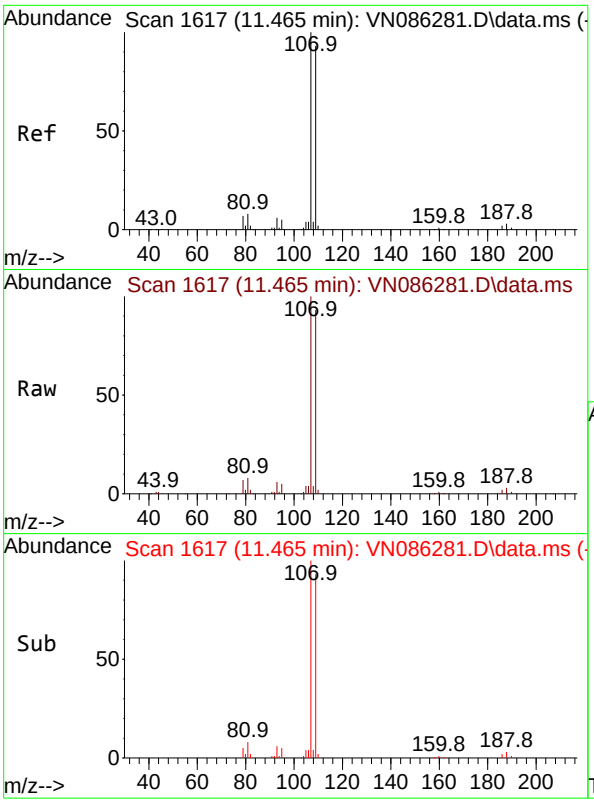


#60
Dibromochloromethane
Concen: 48.274 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:129 Resp: 146318

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.7	116.1

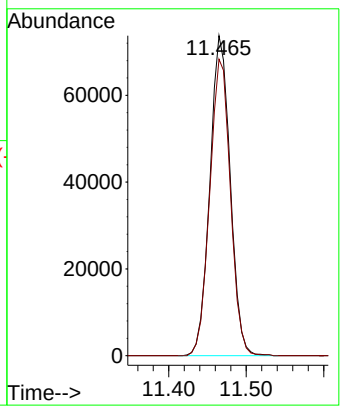




#61
1,2-Dibromoethane
Concen: 48.213 ug/l
RT: 11.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:107 Resp: 13428

Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.4	113.0



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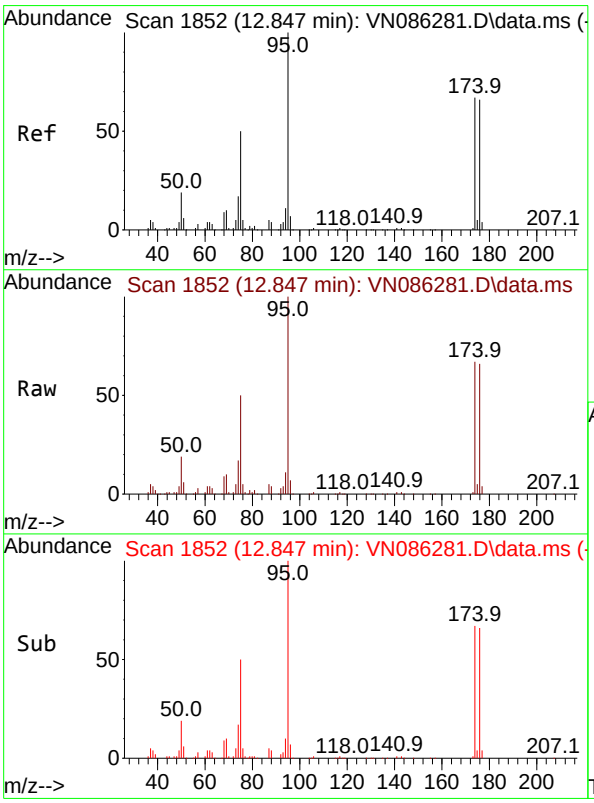
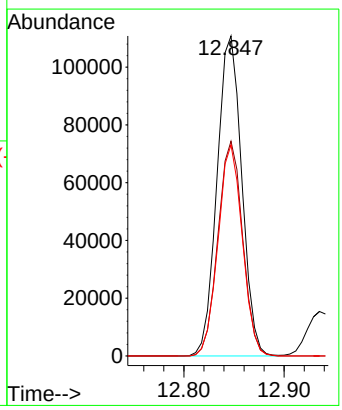
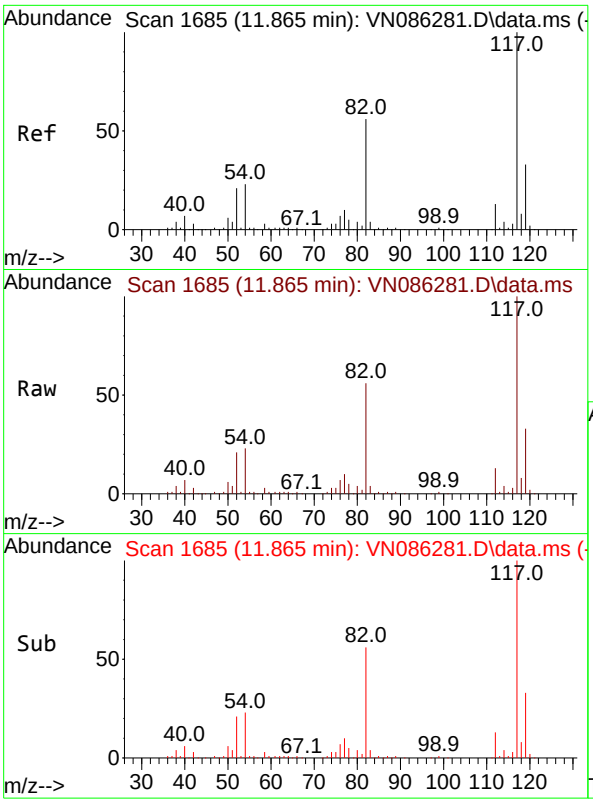


#62
4-Bromofluorobenzene
Concen: 50.744 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 95 Resp: 190049

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	133.4
176	64.6	0.0	129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:117 Resp: 36730

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.7	67.1
119	33.0	26.4	39.6

Instrument :
MSVOA_N
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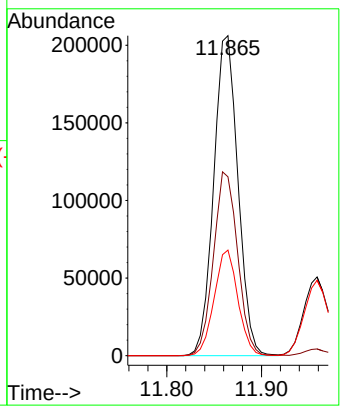
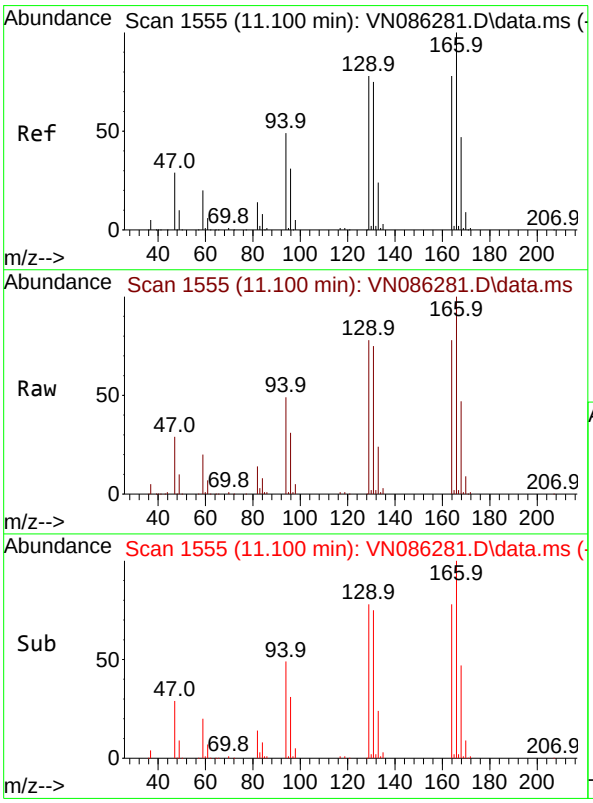
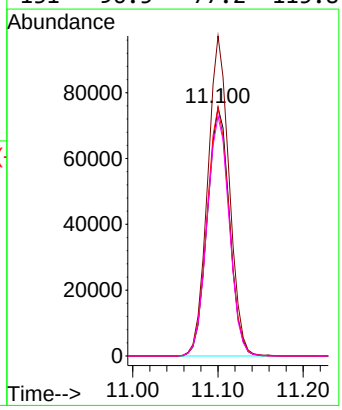


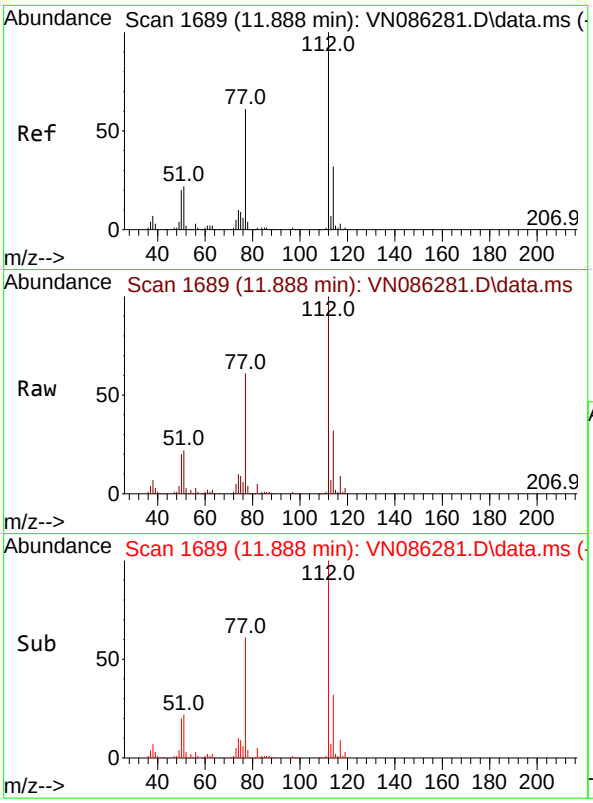


#64
Tetrachloroethene
Concen: 48.177 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:164 Resp: 136116

Ion	Ratio	Lower	Upper
164	100		
166	128.7	103.0	154.4
129	100.1	80.1	120.1
131	96.5	77.2	115.8

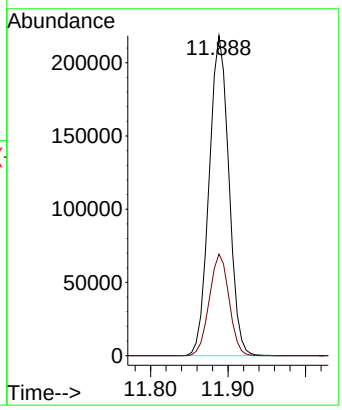




#65
Chlorobenzene
Concen: 47.072 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:112 Resp: 38584

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.4	38.0



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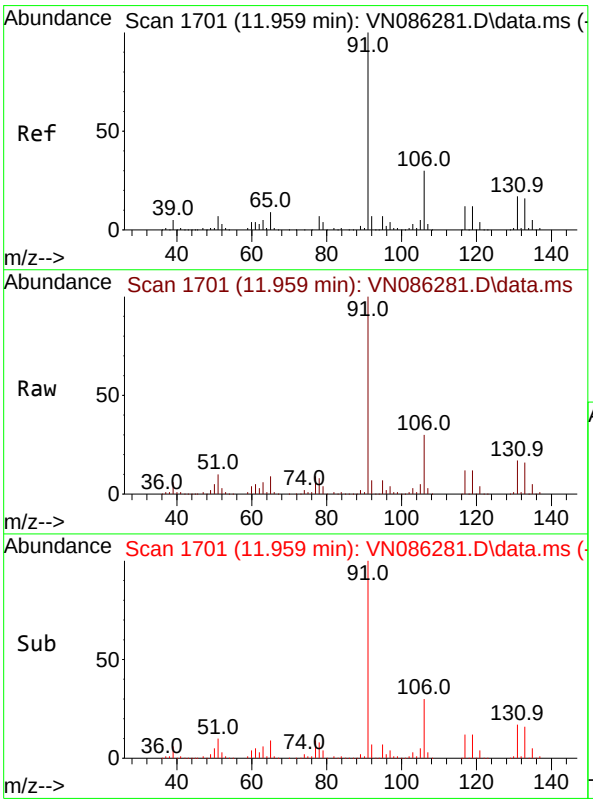
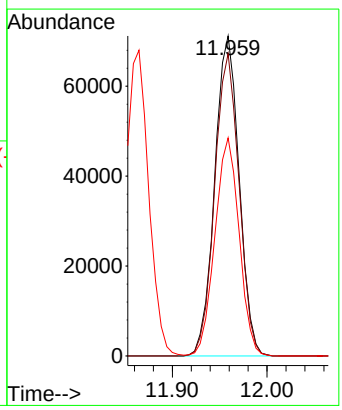
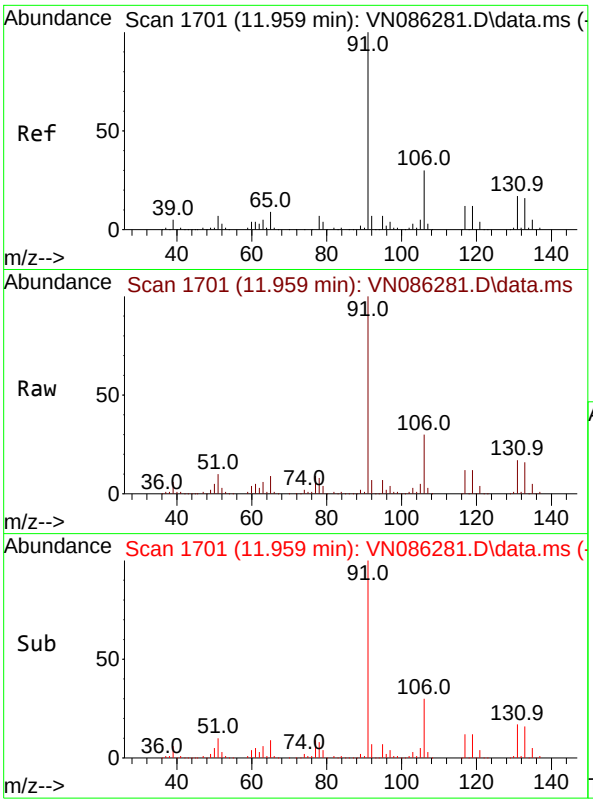


#66
1,1,1,2-Tetrachloroethane
Concen: 47.197 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:131 Resp: 127627

Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.1	141.3
119	67.6	33.8	101.4

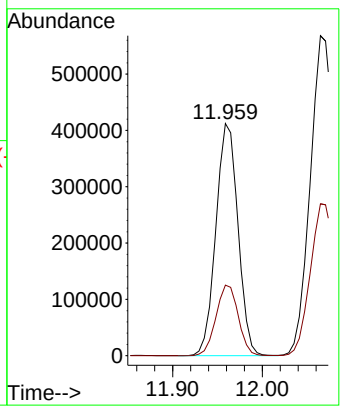




#67
Ethyl Benzene
Concen: 47.627 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 91 Resp: 70447

Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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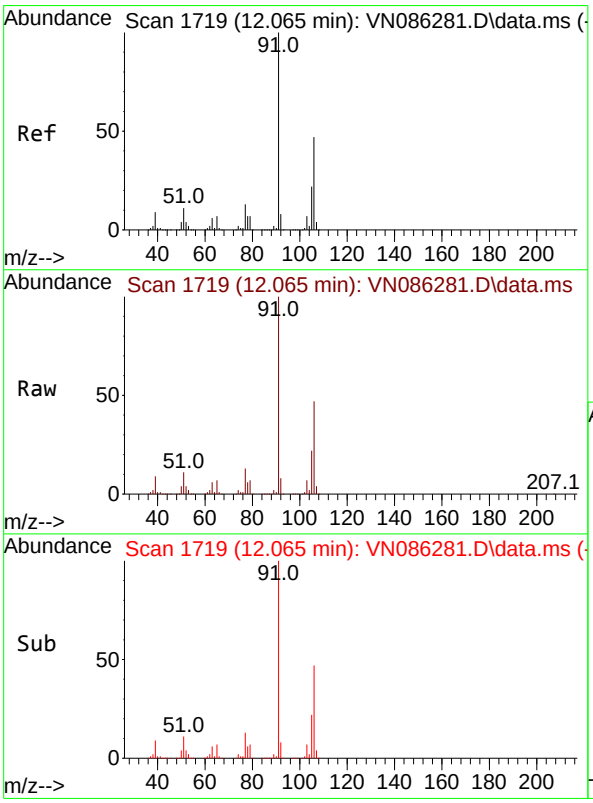
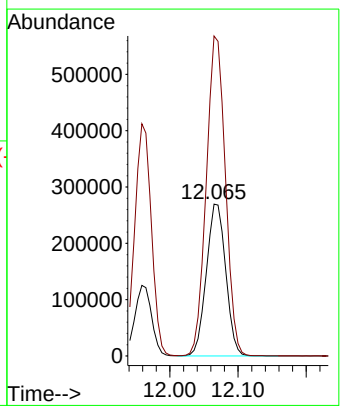
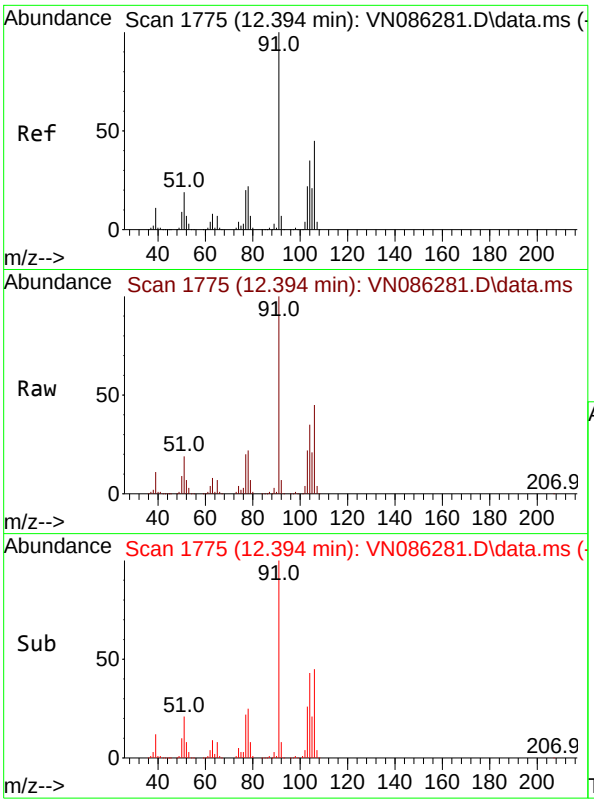


#68
m/p-Xylenes
Concen: 96.302 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:106 Resp: 533742

Ion	Ratio	Lower	Upper
106	100		
91	208.1	166.5	249.7

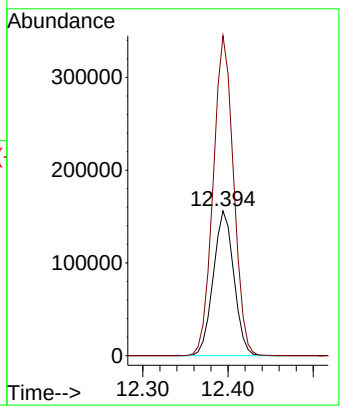




#69
o-Xylene
Concen: 47.783 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:106 Resp: 26190

Ion	Ratio	Lower	Upper
106	100		
91	219.3	109.7	329.0



Instrument :
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ClientSampleId :
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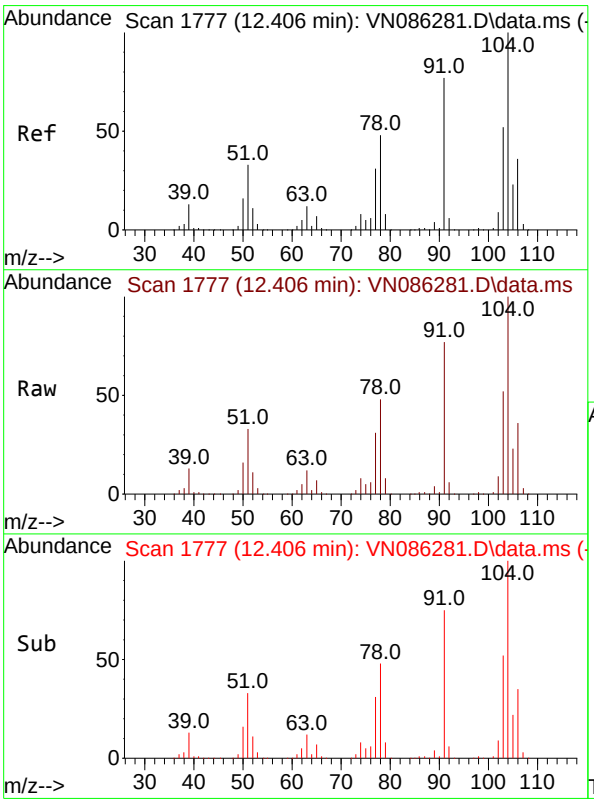
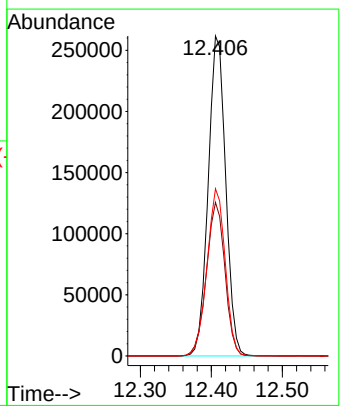
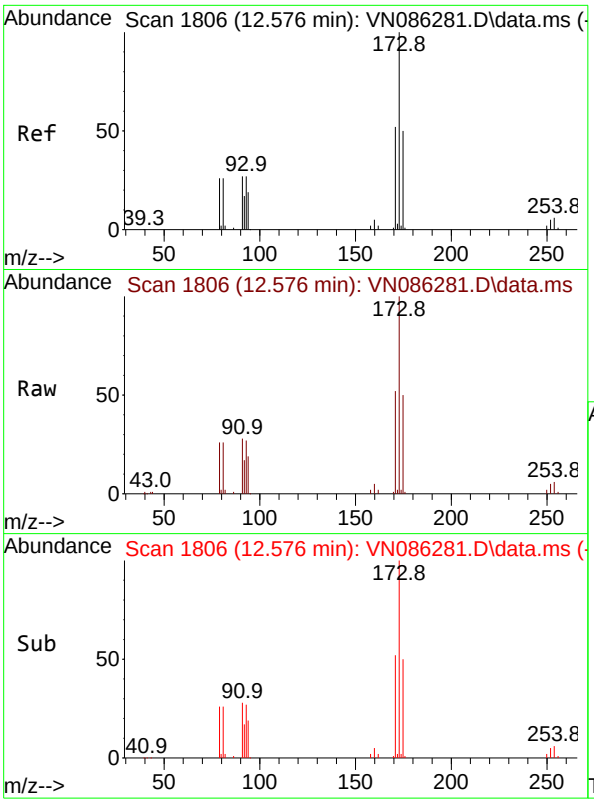


#70
Styrene
Concen: 48.998 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:104 Resp: 447486

Ion	Ratio	Lower	Upper
104	100		
78	50.8	40.6	61.0
103	54.5	43.6	65.4

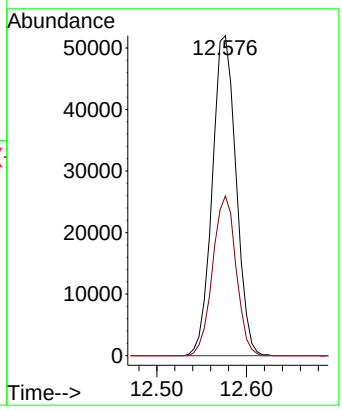




#71
Bromoform
Concen: 47.065 ug/l
RT: 12.576 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:173 Resp: 9582

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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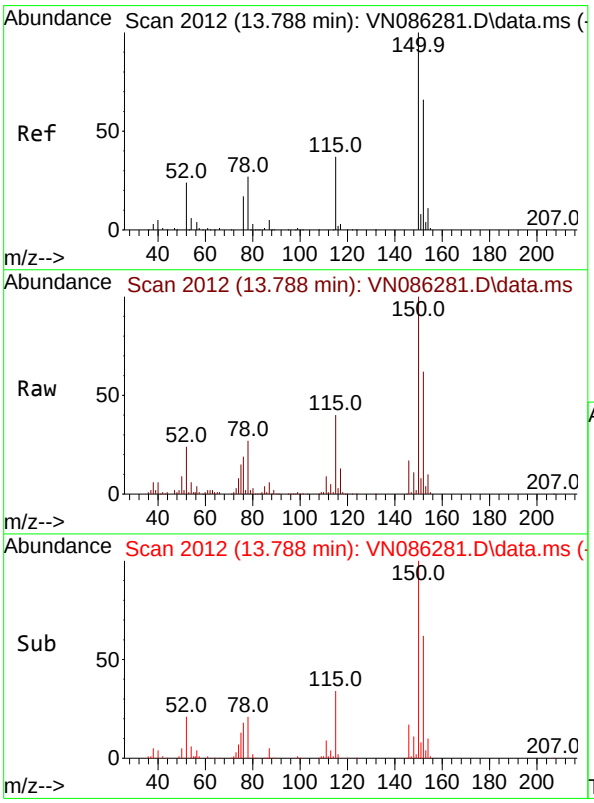
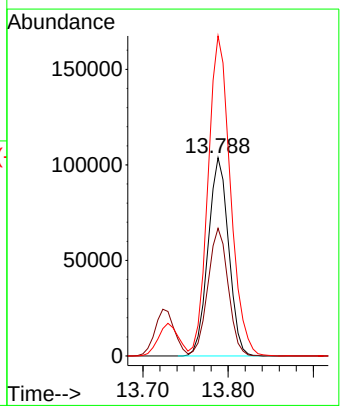
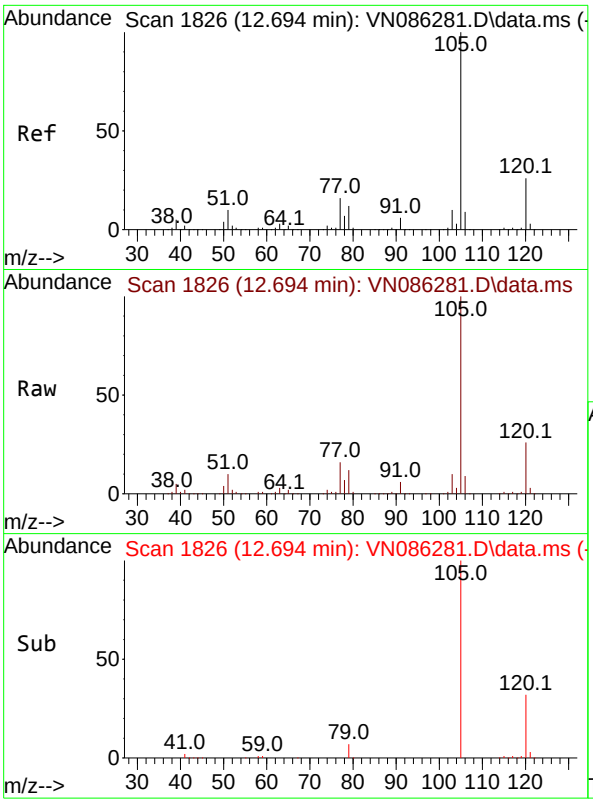


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:152 Resp: 173703

Ion	Ratio	Lower	Upper
152	100		
115	63.9	31.9	95.9
150	176.0	0.0	352.0

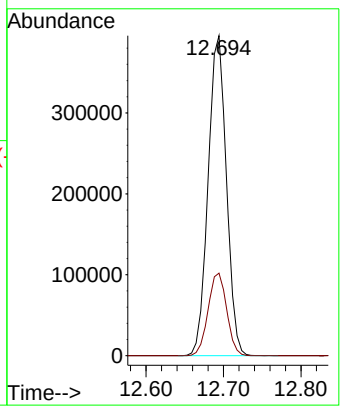




#73
Isopropylbenzene
Concen: 45.568 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:105 Resp: 64749

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3



Instrument :
MSVOA_N
ClientSampleId :
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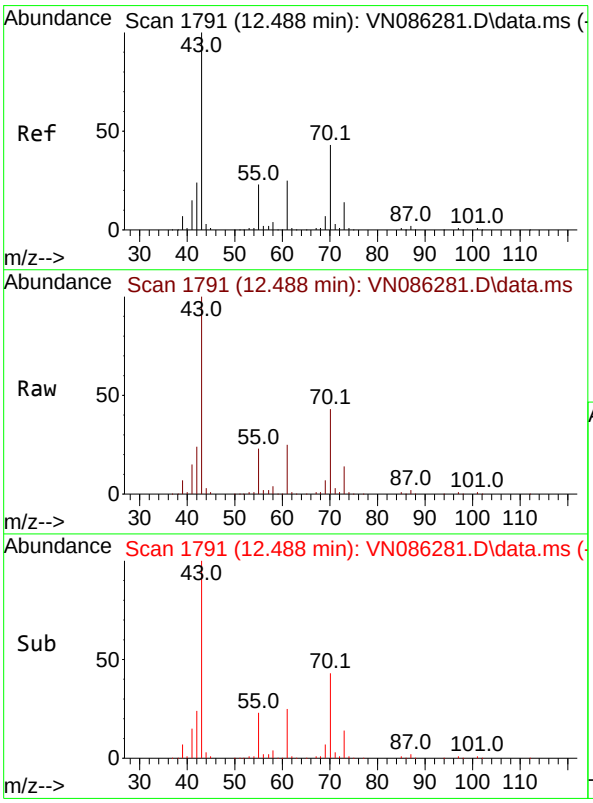
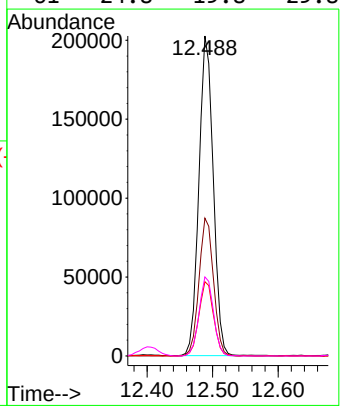
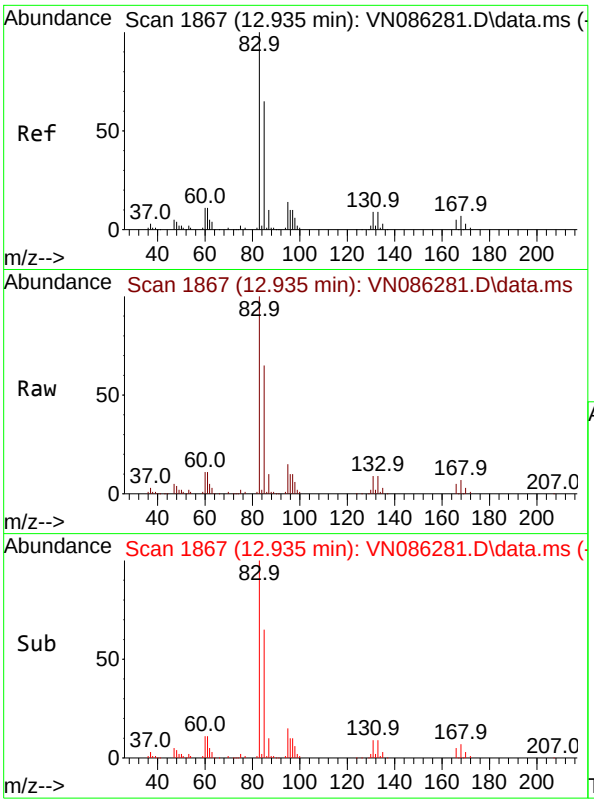


#74
N-amyl acetate
Concen: 43.670 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 43 Resp: 308916

Ion	Ratio	Lower	Upper
43	100		
70	43.7	35.0	52.4
55	23.7	19.0	28.4
61	24.8	19.8	29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.025 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 83 Resp: 17986

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	65.4	32.7	98.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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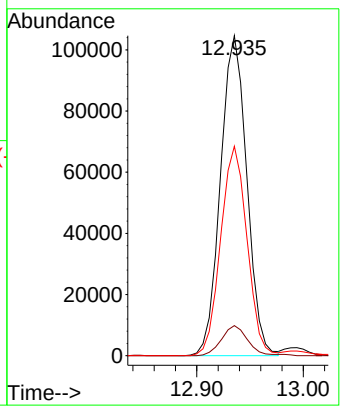
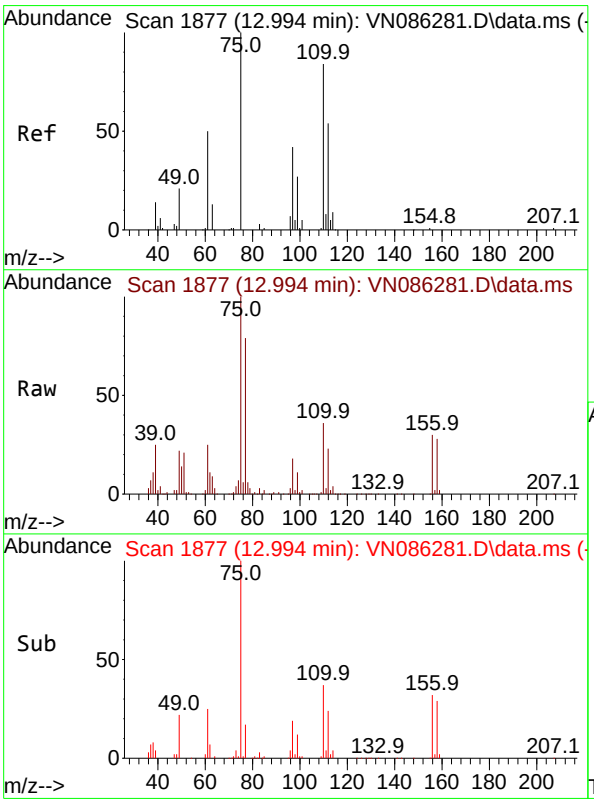
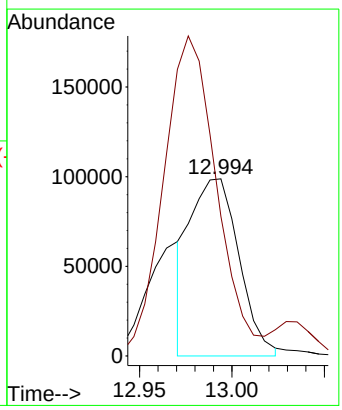


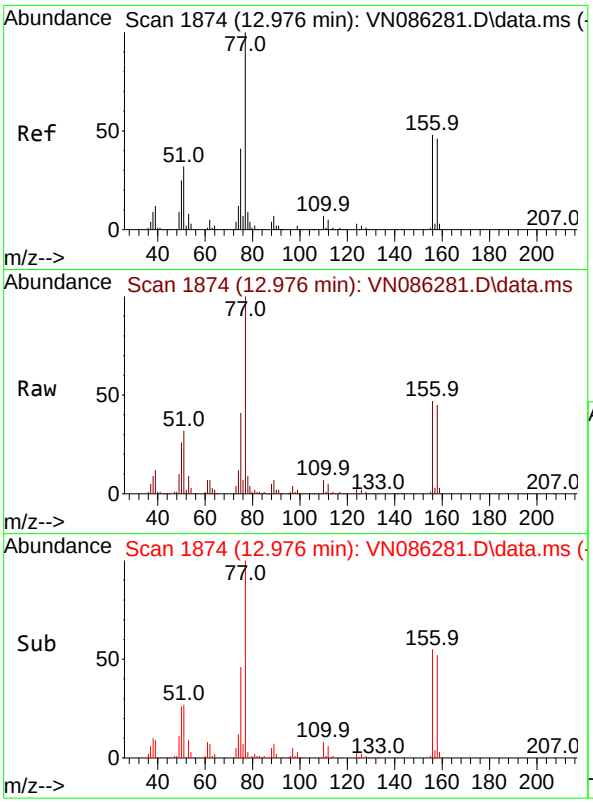


#76
1,2,3-Trichloropropane
Concen: 44.357 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 75 Resp: 181010

Ion	Ratio	Lower	Upper
75	100		
77	197.6	98.8	296.4

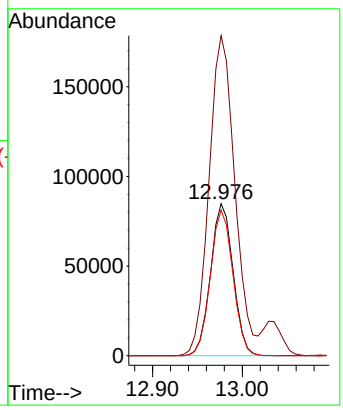




#77
Bromobenzene
Concen: 46.919 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:156 Resp: 14772

Ion	Ratio	Lower	Upper
156	100		
77	242.1	121.1	363.1
158	95.7	47.9	143.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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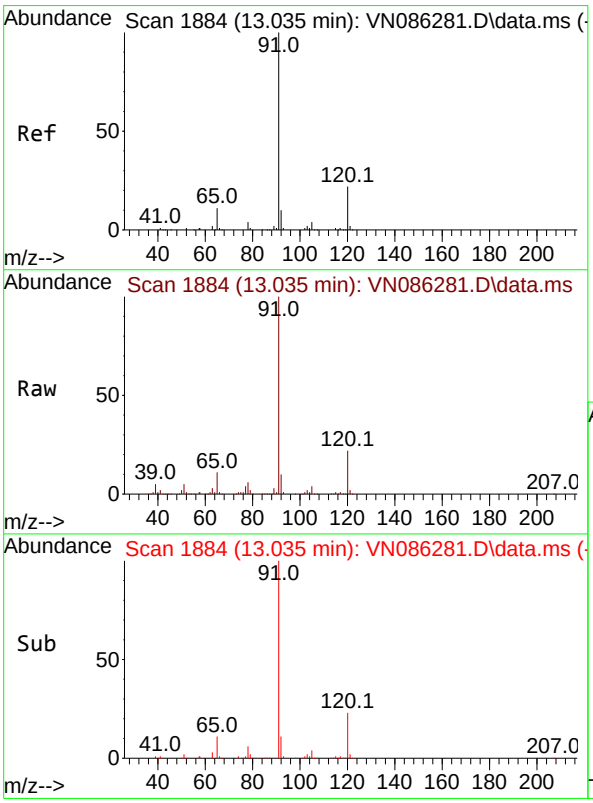
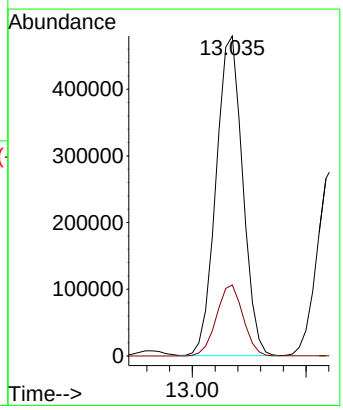
Supervised By :Semsettin Yesilyurt 04/16/2025

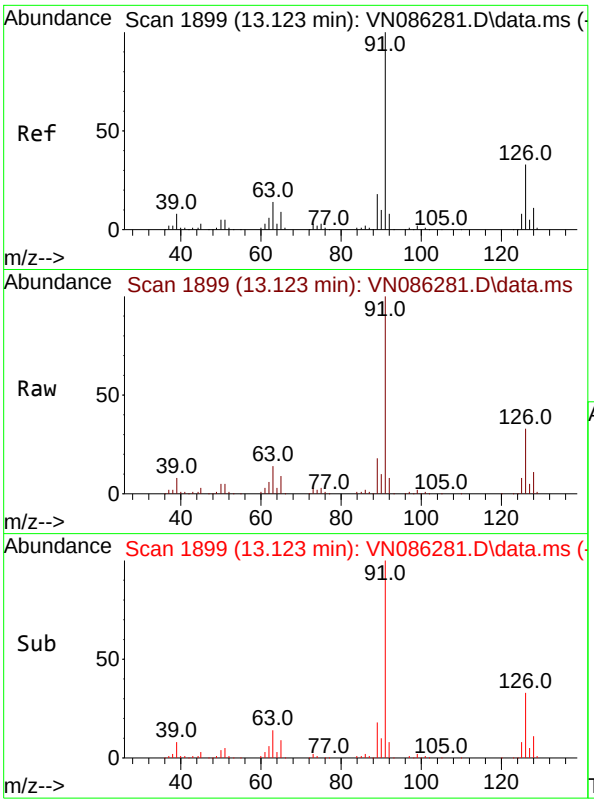


#78
n-propylbenzene
Concen: 46.556 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 91 Resp: 779530

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.3

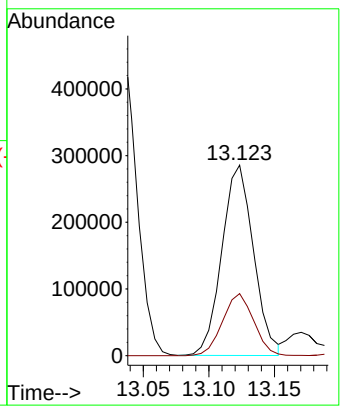




#79
2-Chlorotoluene
Concen: 45.740 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 91 Resp: 47923

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.2



Instrument :
MSVOA_N
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VSTDICCC050

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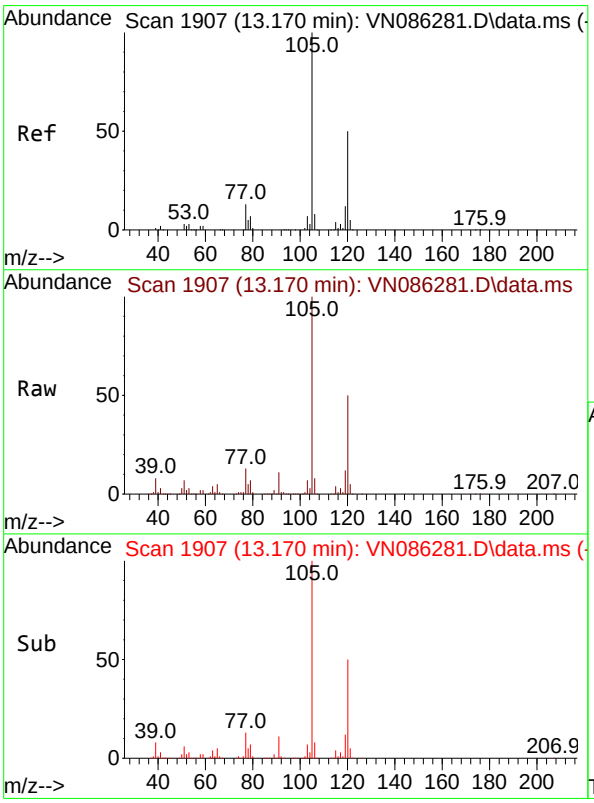
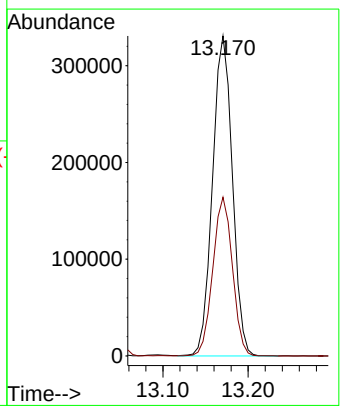
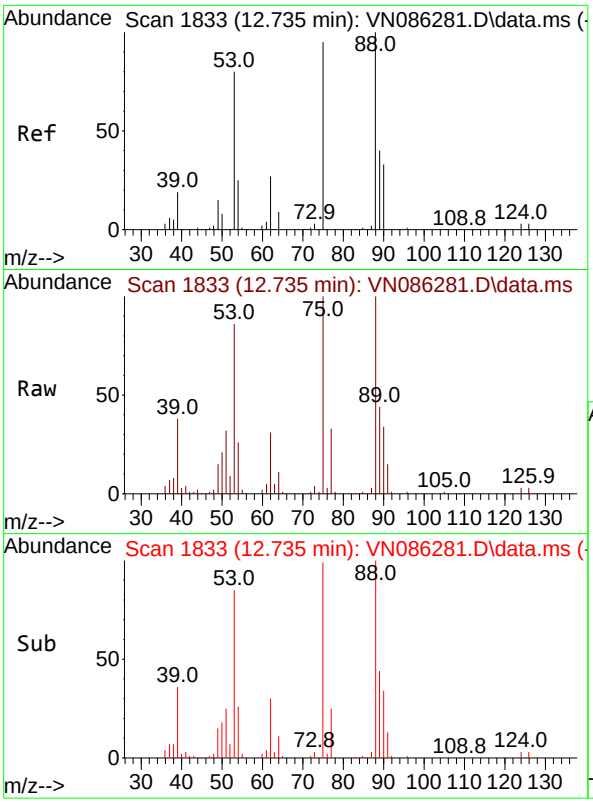


#80
1,3,5-Trimethylbenzene
Concen: 46.042 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:105 Resp: 535465

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 46.919 ug/l m
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 75 Resp: 8007

Ion	Ratio	Lower	Upper
75	100		
53	98.9	79.2	118.8
89	44.5	35.7	53.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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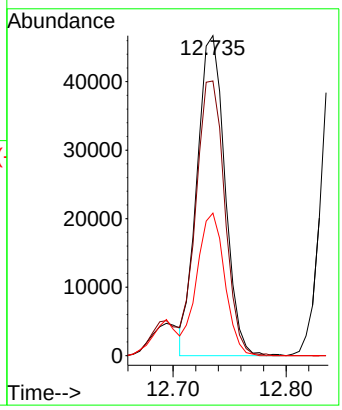
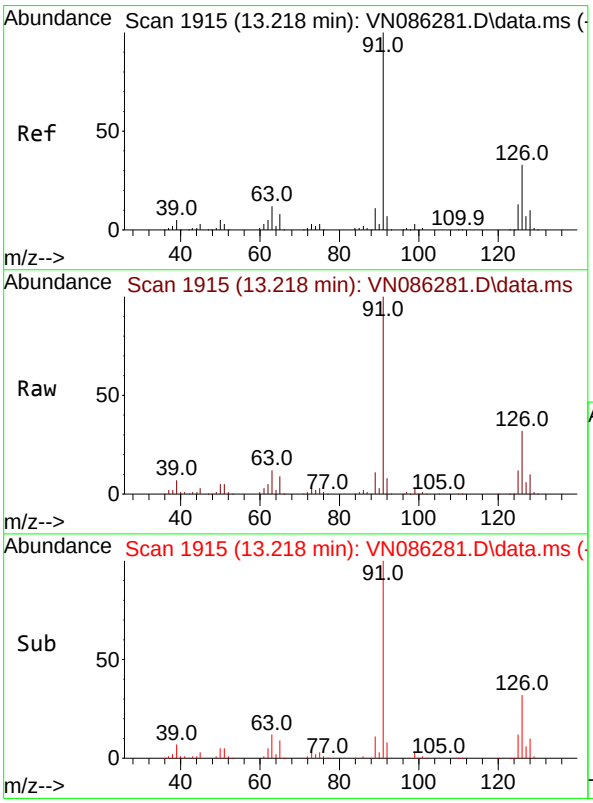
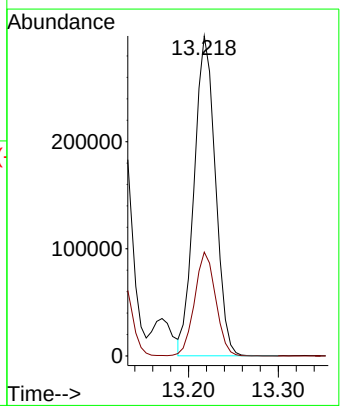


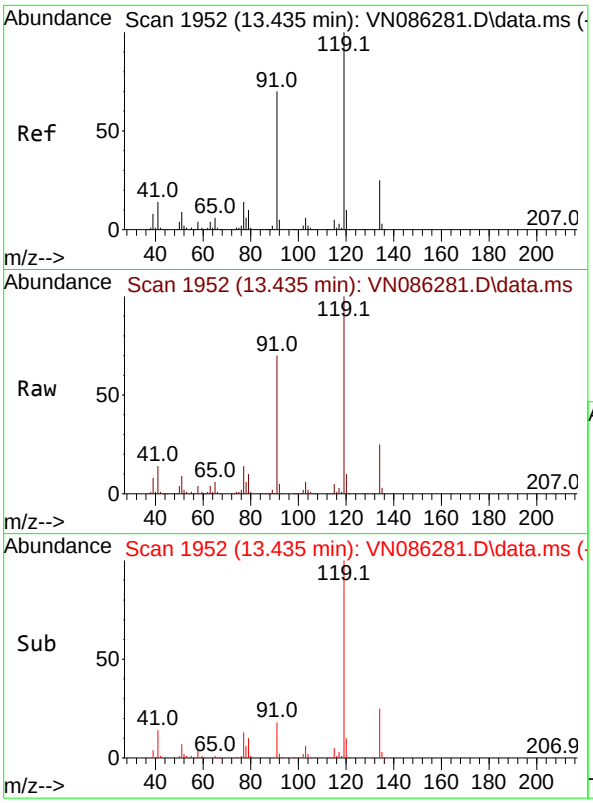


#82
4-Chlorotoluene
Concen: 46.893 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 91 Resp: 488049

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.2	48.6

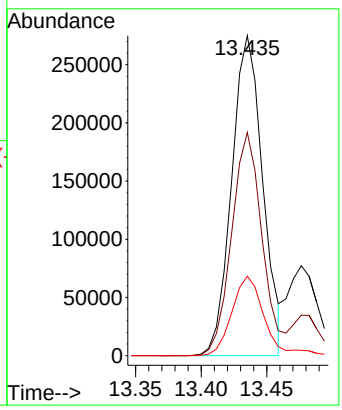




#83
tert-Butylbenzene
Concen: 44.954 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:119 Resp: 45299

Ion	Ratio	Lower	Upper
119	100		
91	68.9	34.4	103.3
134	26.0	13.0	39.0



Instrument :
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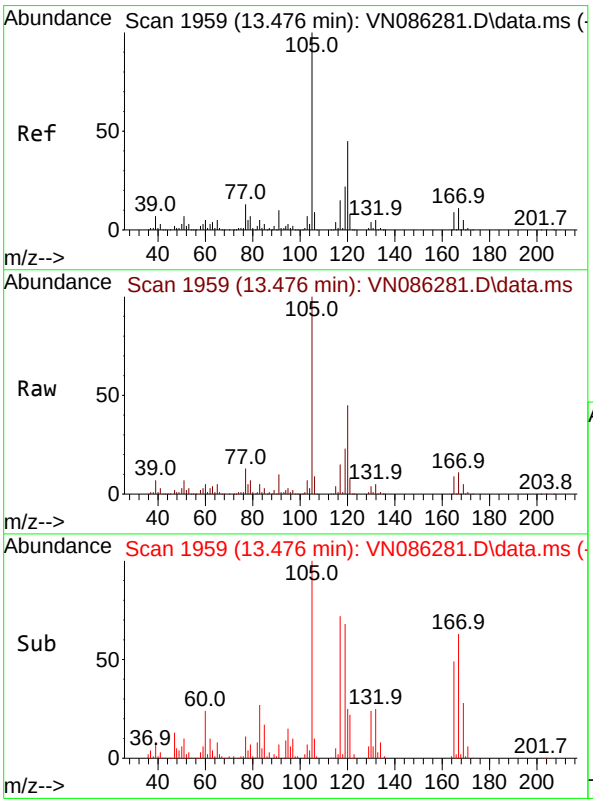
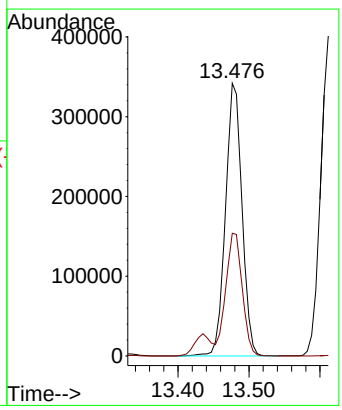
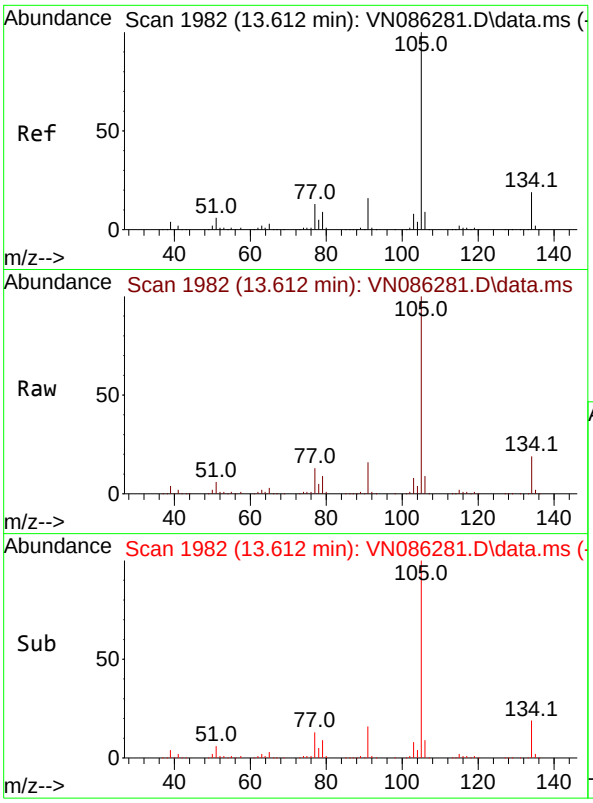


#84
1,2,4-Trimethylbenzene
Concen: 46.521 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:105 Resp: 550727

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3

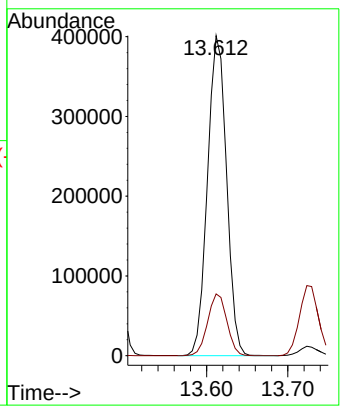




#85
sec-Butylbenzene
Concen: 46.767 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:105 Resp: 65367

Ion	Ratio	Lower	Upper
105	100		
134	19.4	9.7	29.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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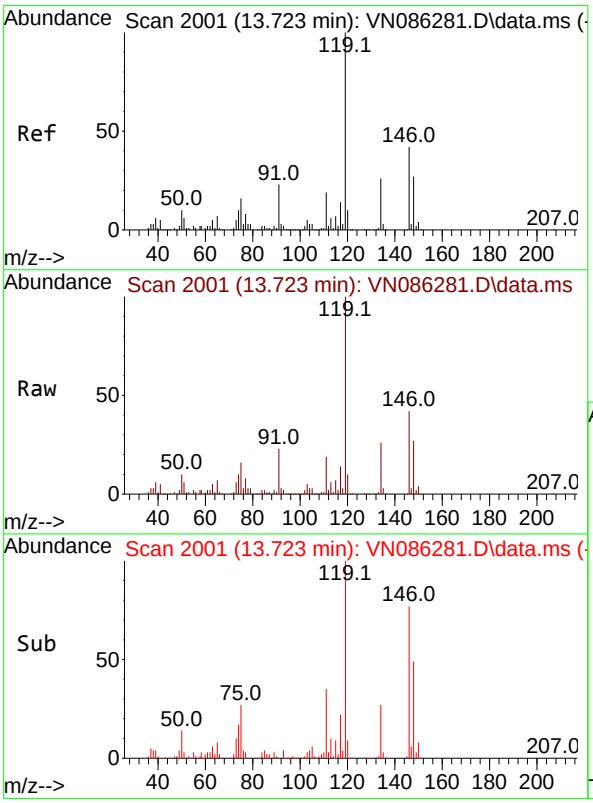
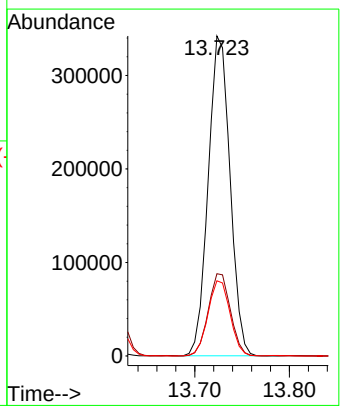
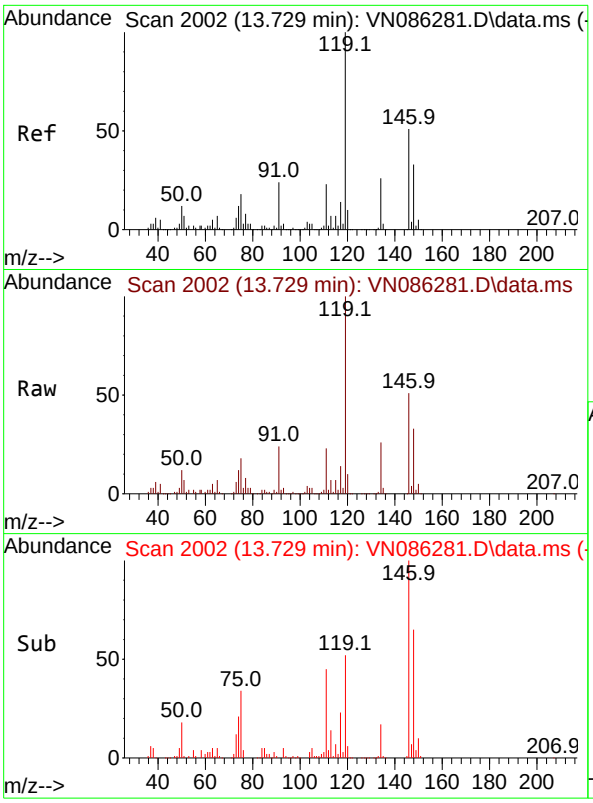


#86
p-Isopropyltoluene
Concen: 47.611 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:119 Resp: 548528

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.1
91	23.9	11.9	35.9

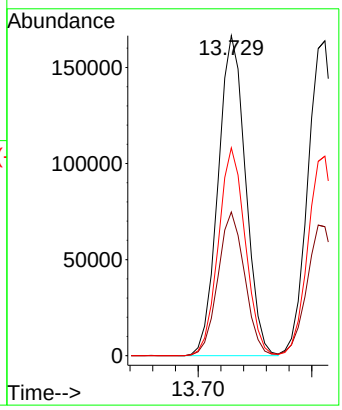




#87
1,3-Dichlorobenzene
Concen: 47.249 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:146 Resp: 27964

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.9	65.7
148	63.7	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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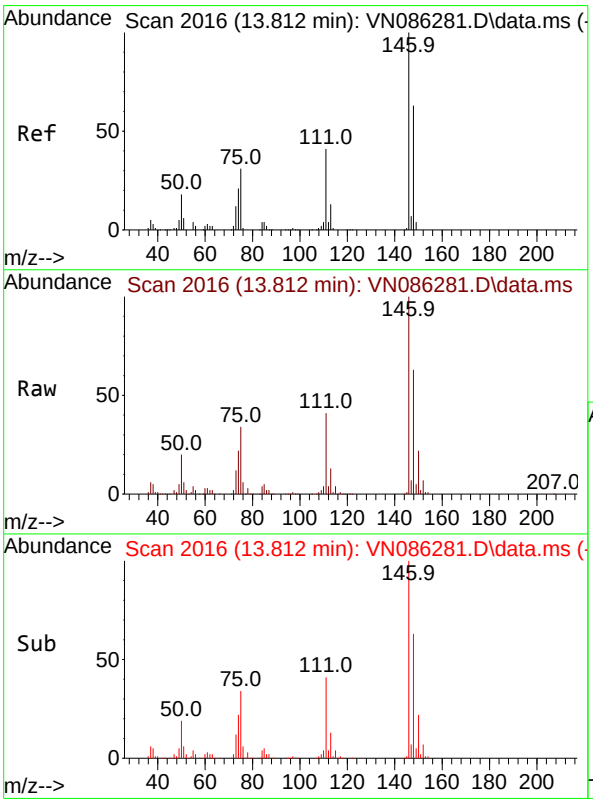
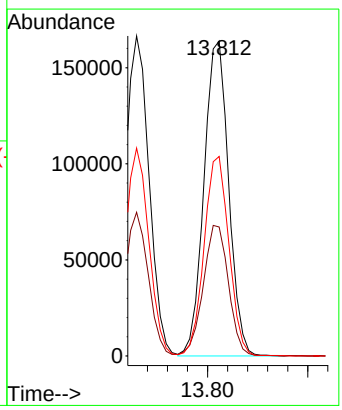
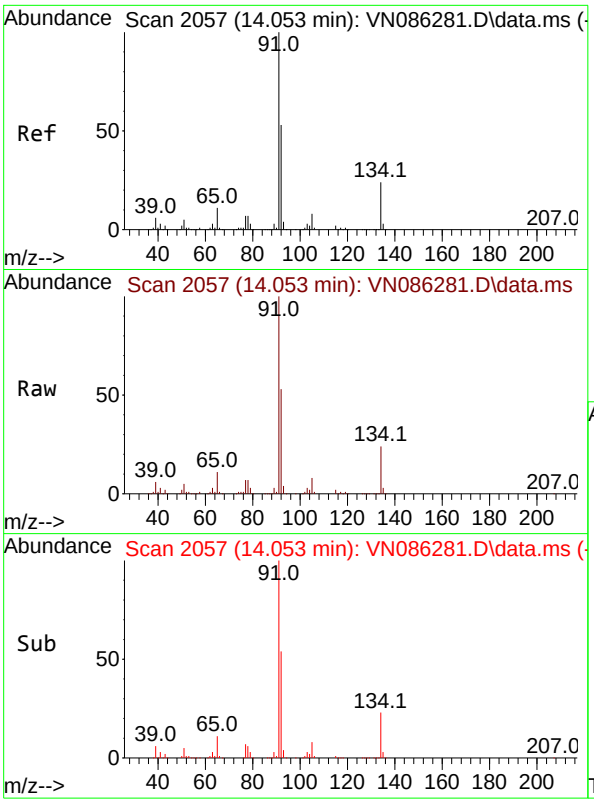


#88
1,4-Dichlorobenzene
Concen: 47.032 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:146 Resp: 280378

Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	63.9	31.9	95.9

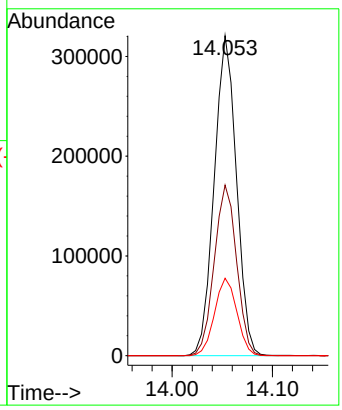




#89
n-Butylbenzene
Concen: 48.271 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 91 Resp: 49294

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	24.4	12.2	36.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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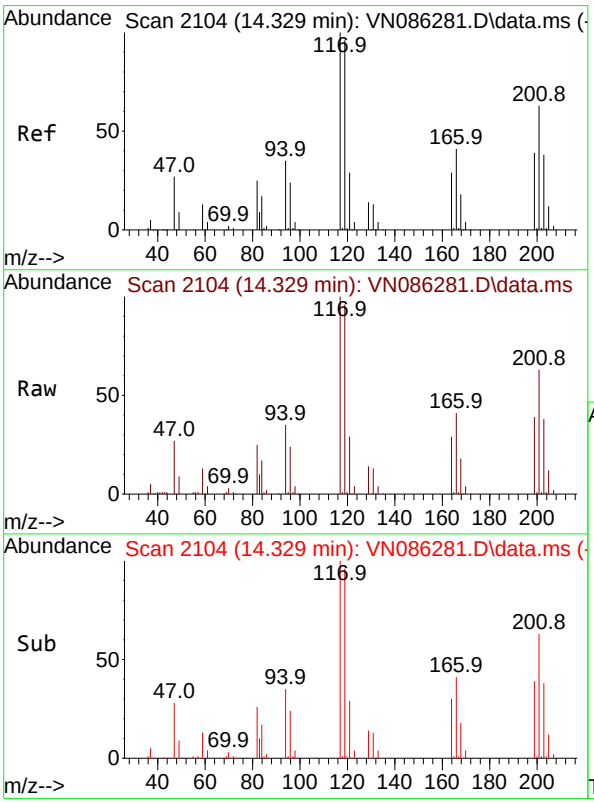
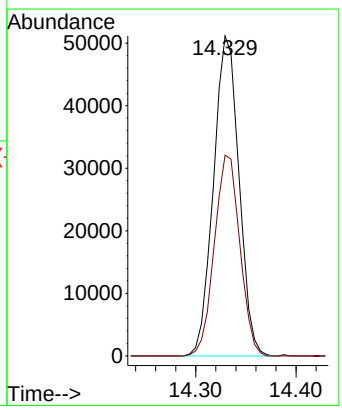
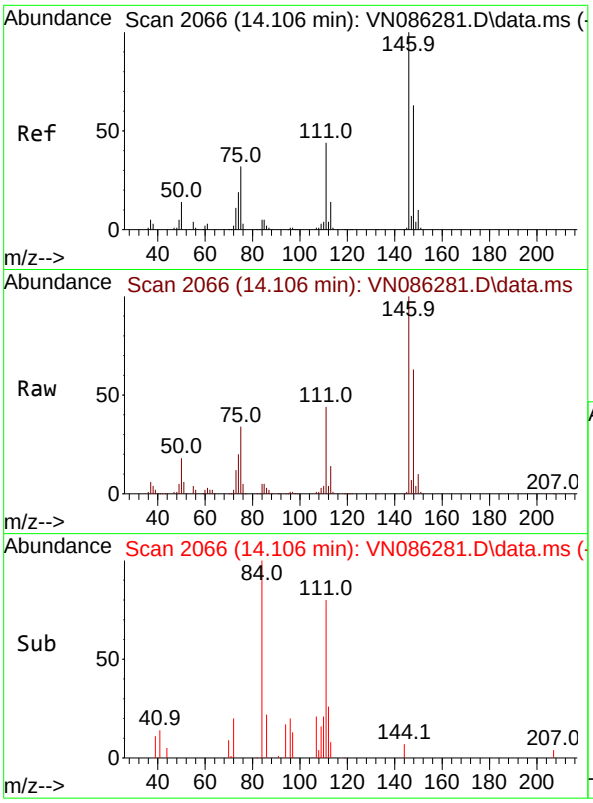


#90
Hexachloroethane
Concen: 46.447 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:117 Resp: 90009

Ion	Ratio	Lower	Upper
117	100		
201	62.8	31.4	94.2

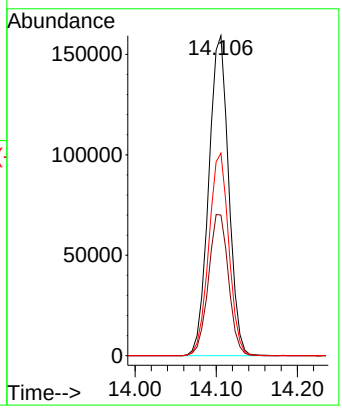




#91
1,2-Dichlorobenzene
Concen: 47.181 ug/l
RT: 14.106 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:146 Resp: 27073

Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.4	67.0
148	63.6	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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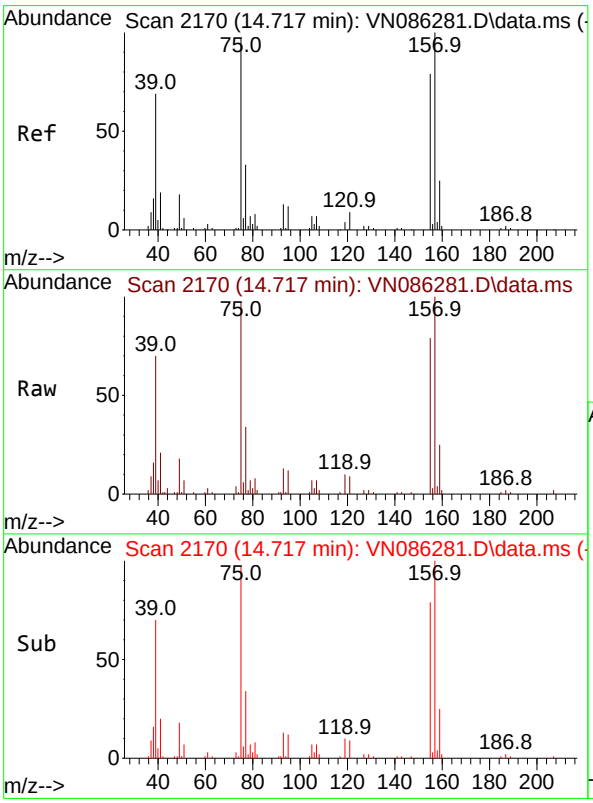
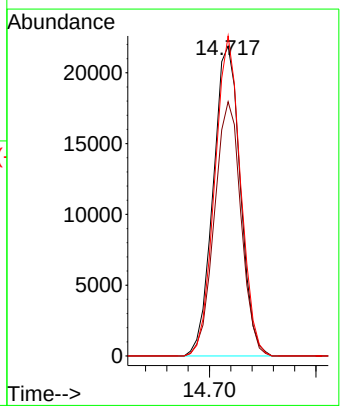
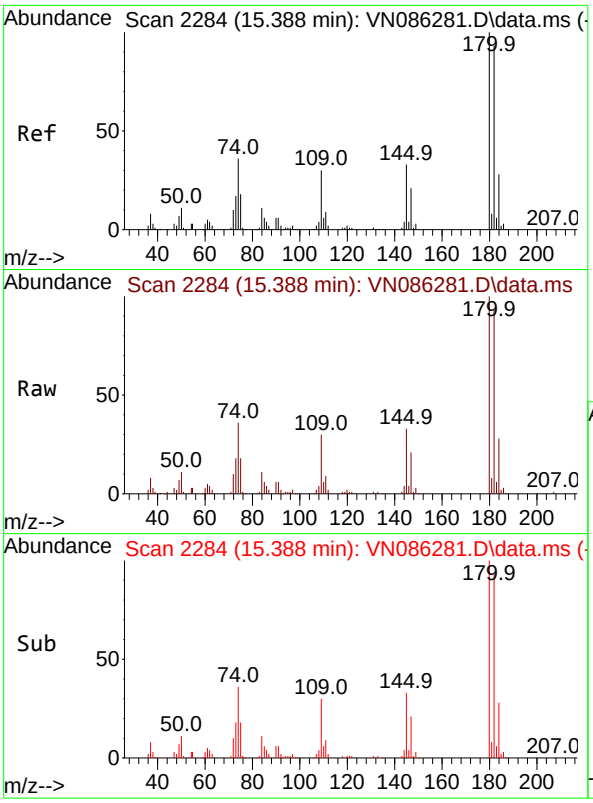


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.887 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion: 75 Resp: 38625

Ion	Ratio	Lower	Upper
75	100		
155	80.6	40.3	120.9
157	98.1	49.0	147.2

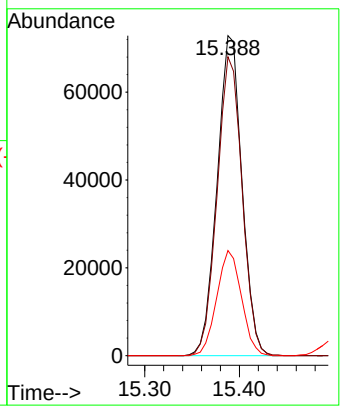




#93
1,2,4-Trichlorobenzene
Concen: 48.375 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:180 Resp: 13291

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.0	141.0
145	32.7	16.4	49.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

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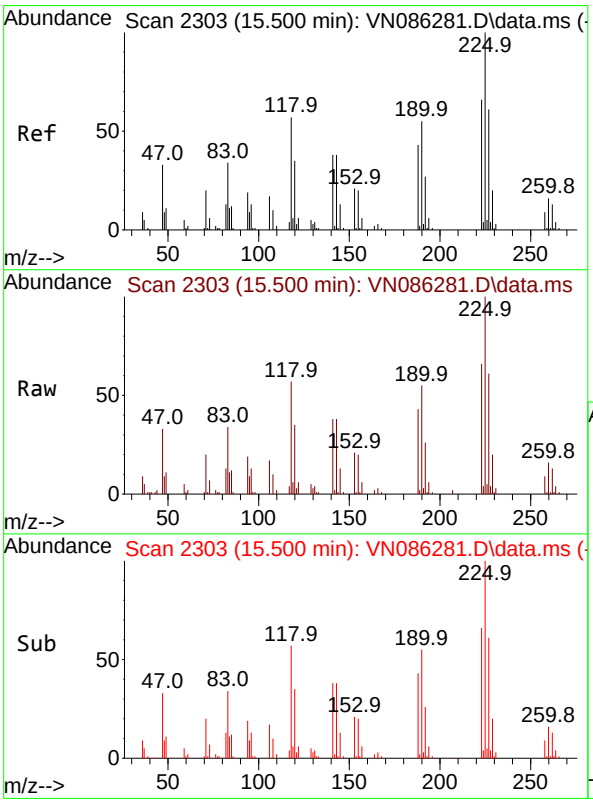
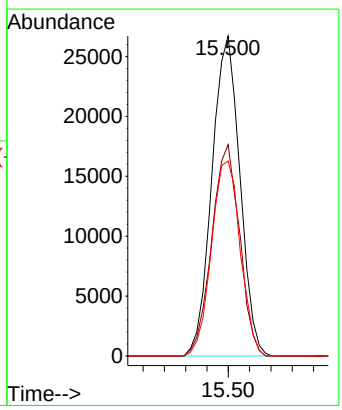
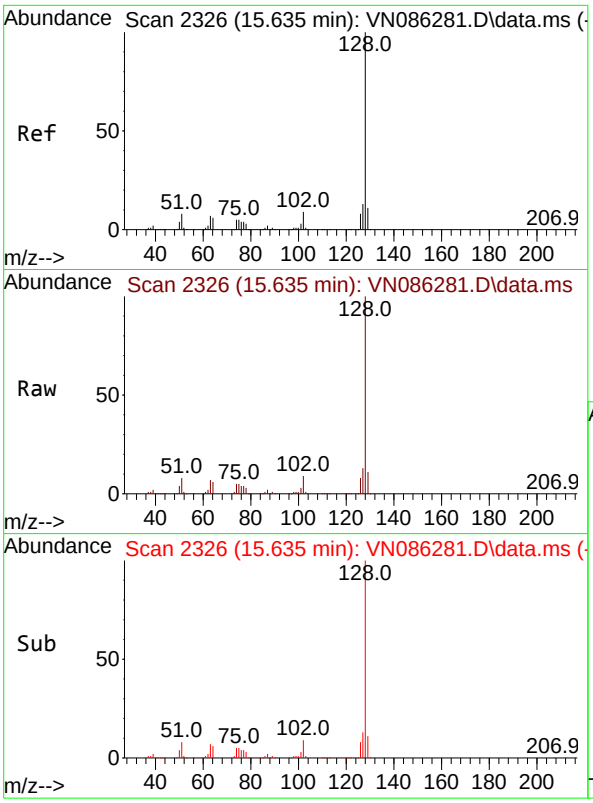


#94
Hexachlorobutadiene
Concen: 46.947 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:225 Resp: 48694

Ion	Ratio	Lower	Upper
225	100		
223	65.5	32.8	98.3
227	62.7	31.4	94.0

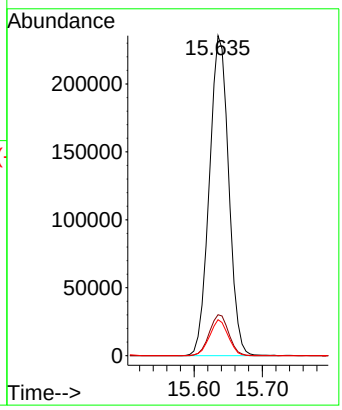




#95
Naphthalene
Concen: 47.708 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:128 Resp: 46468

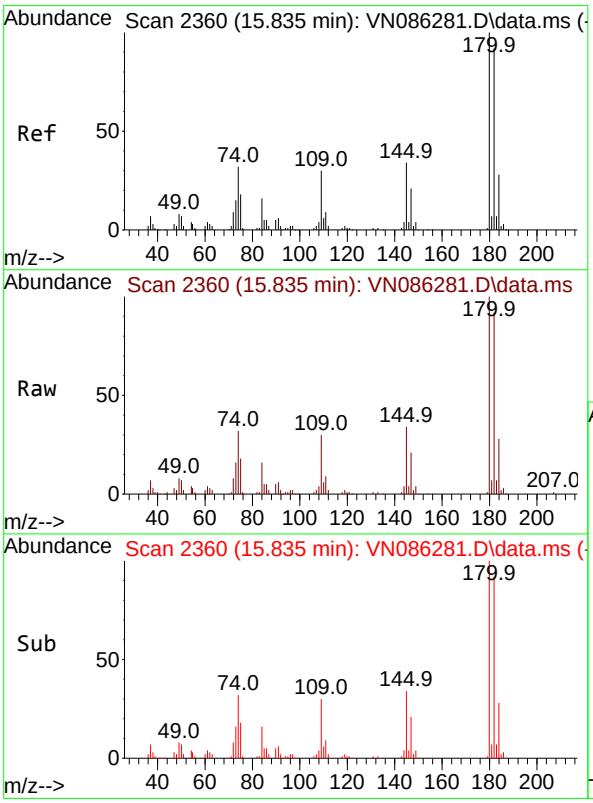
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

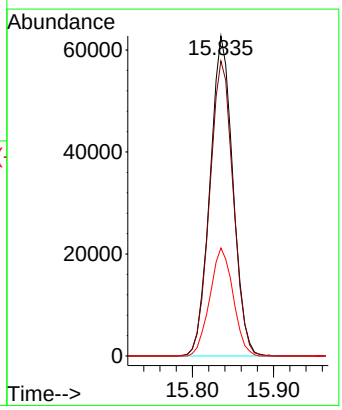
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.249 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086281.D
Acq: 15 Apr 2025 13:51

Tgt Ion:180 Resp: 122910

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	142.0
145	34.3	17.2	51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086282.D
Acq On : 15 Apr 2025 14:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	228089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	422902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	380274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182297	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	322920	97.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 195.260%#			
35) Dibromofluoromethane	8.165	113	163696	83.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 166.800%#			
50) Toluene-d8	10.565	98	1046538	99.767	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 199.540%#			
62) 4-Bromofluorobenzene	12.847	95	394671	103.153	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 206.300%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	270450	100.025	ug/l	100
3) Chloromethane	2.359	50	362586	92.270	ug/l	99
4) Vinyl Chloride	2.512	62	359654	95.910	ug/l	99
5) Bromomethane	2.930	94	157044	93.105	ug/l	99
6) Chloroethane	3.106	64	232218	92.528	ug/l	98
7) Trichlorofluoromethane	3.494	101	398967	96.050	ug/l	97
8) Diethyl Ether	3.959	74	172130	94.924	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	242697	96.585	ug/l	99
10) Methyl Iodide	4.583	142	287740	104.156	ug/l	99
11) Tert butyl alcohol	5.518	59	262412	434.831	ug/l	99
12) 1,1-Dichloroethene	4.336	96	254035	94.627	ug/l	97
13) Acrolein	4.171	56	137131	502.553	ug/l	97
14) Allyl chloride	5.018	41	435112	91.225	ug/l	98
15) Acrylonitrile	5.712	53	713644	478.368	ug/l	99
16) Acetone	4.424	43	563323	498.290	ug/l	99
17) Carbon Disulfide	4.712	76	685619	85.294	ug/l	99
18) Methyl Acetate	5.018	43	374831	94.410	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	918634	93.089	ug/l	99
20) Methylene Chloride	5.271	84	286733	93.774	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	264504	94.241	ug/l	100
22) Diisopropyl ether	6.665	45	970652	93.497	ug/l	99
23) Vinyl Acetate	6.600	43	3184505	438.915	ug/l	99
24) 1,1-Dichloroethane	6.565	63	525385	95.914	ug/l	100
25) 2-Butanone	7.477	43	958217	465.437	ug/l	99
26) 2,2-Dichloropropane	7.488	77	470852	96.005	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	328329	94.252	ug/l	100
28) Bromochloromethane	7.812	49	230762	99.357	ug/l	99
29) Tetrahydrofuran	7.835	42	623822	453.130	ug/l	100
30) Chloroform	7.959	83	503712	93.611	ug/l	100
31) Cyclohexane	8.253	56	484648	90.418	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	432964	94.058	ug/l	97
36) 1,1-Dichloropropene	8.365	75	378663	96.591	ug/l	100
37) Ethyl Acetate	7.553	43	371298	89.962	ug/l	100
38) Carbon Tetrachloride	8.359	117	360081	96.450	ug/l	99
39) Methylcyclohexane	9.600	83	448842	96.325	ug/l	98
40) Benzene	8.600	78	1193479	95.020	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086282.D
Acq On : 15 Apr 2025 14:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 16 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	219337	91.695	ug/l		100
42) 1,2-Dichloroethane	8.665	62	377081	94.143	ug/l		99
43) Isopropyl Acetate	8.682	43	704184	100.085	ug/l		100
44) Trichloroethene	9.347	130	288832	97.020	ug/l		98
45) 1,2-Dichloropropane	9.618	63	293625	95.501	ug/l		99
46) Dibromomethane	9.706	93	191324	97.667	ug/l		100
47) Bromodichloromethane	9.882	83	403514	95.372	ug/l		97
48) Methyl methacrylate	9.676	41	326384	90.052	ug/l		98
49) 1,4-Dioxane	9.688	88	98711	1601.137	ug/l		98
51) 4-Methyl-2-Pentanone	10.441	43	1989761	470.803	ug/l		99
52) Toluene	10.629	92	757019	96.592	ug/l		100
53) t-1,3-Dichloropropene	10.829	75	468739	99.248	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	496721	95.755	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	264481	93.795	ug/l		97
56) Ethyl methacrylate	10.870	69	494791	95.461	ug/l		100
57) 1,3-Dichloropropane	11.159	76	482562	96.455	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	1242387	505.011	ug/l		99
59) 2-Hexanone	11.194	43	1476474	470.996	ug/l		100
60) Dibromochloromethane	11.359	129	301498	97.371	ug/l		100
61) 1,2-Dibromoethane	11.465	107	273587	96.156	ug/l		100
64) Tetrachloroethene	11.100	164	281669	96.294	ug/l		97
65) Chlorobenzene	11.888	112	805194	94.881	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	264532	94.488	ug/l		100
67) Ethyl Benzene	11.959	91	1476238	96.398	ug/l		100
68) m/p-Xylenes	12.070	106	1117098	194.681	ug/l		98
69) o-Xylene	12.394	106	546019	96.221	ug/l		99
70) Styrene	12.406	104	947293	100.188	ug/l		100
71) Bromoform	12.576	173	201110	95.410	ug/l	#	99
73) Isopropylbenzene	12.694	105	1351009	90.597	ug/l		100
74) N-amyl acetate	12.488	43	641647	86.431	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	359278	83.793	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	379247m	88.555	ug/l		
77) Bromobenzene	12.976	156	303696	91.913	ug/l		98
78) n-propylbenzene	13.035	91	1640989	93.386	ug/l		99
79) 2-Chlorotoluene	13.123	91	1000943	91.031	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	1125981	92.254	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	175887m	98.197	ug/l		
82) 4-Chlorotoluene	13.217	91	1025113	93.852	ug/l		99
83) tert-Butylbenzene	13.435	119	975268	92.219	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	1150791	92.628	ug/l		100
85) sec-Butylbenzene	13.611	105	1359583	92.684	ug/l		99
86) p-Isopropyltoluene	13.723	119	1161224	96.040	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	586366	94.402	ug/l		100
88) 1,4-Dichlorobenzene	13.806	146	582329	93.077	ug/l		100
89) n-Butylbenzene	14.053	91	1061099	99.009	ug/l		99
90) Hexachloroethane	14.329	117	196292	96.516	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	547527	90.920	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	77795	89.984	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	281040	97.461	ug/l		100
94) Hexachlorobutadiene	15.500	225	101506	93.251	ug/l		99
95) Naphthalene	15.635	128	975079	95.390	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	258567	94.712	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086282.D
Acq On : 15 Apr 2025 14:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 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_N\Data\VN041525\
Data File : VN086282.D
Acq On : 15 Apr 2025 14:29
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
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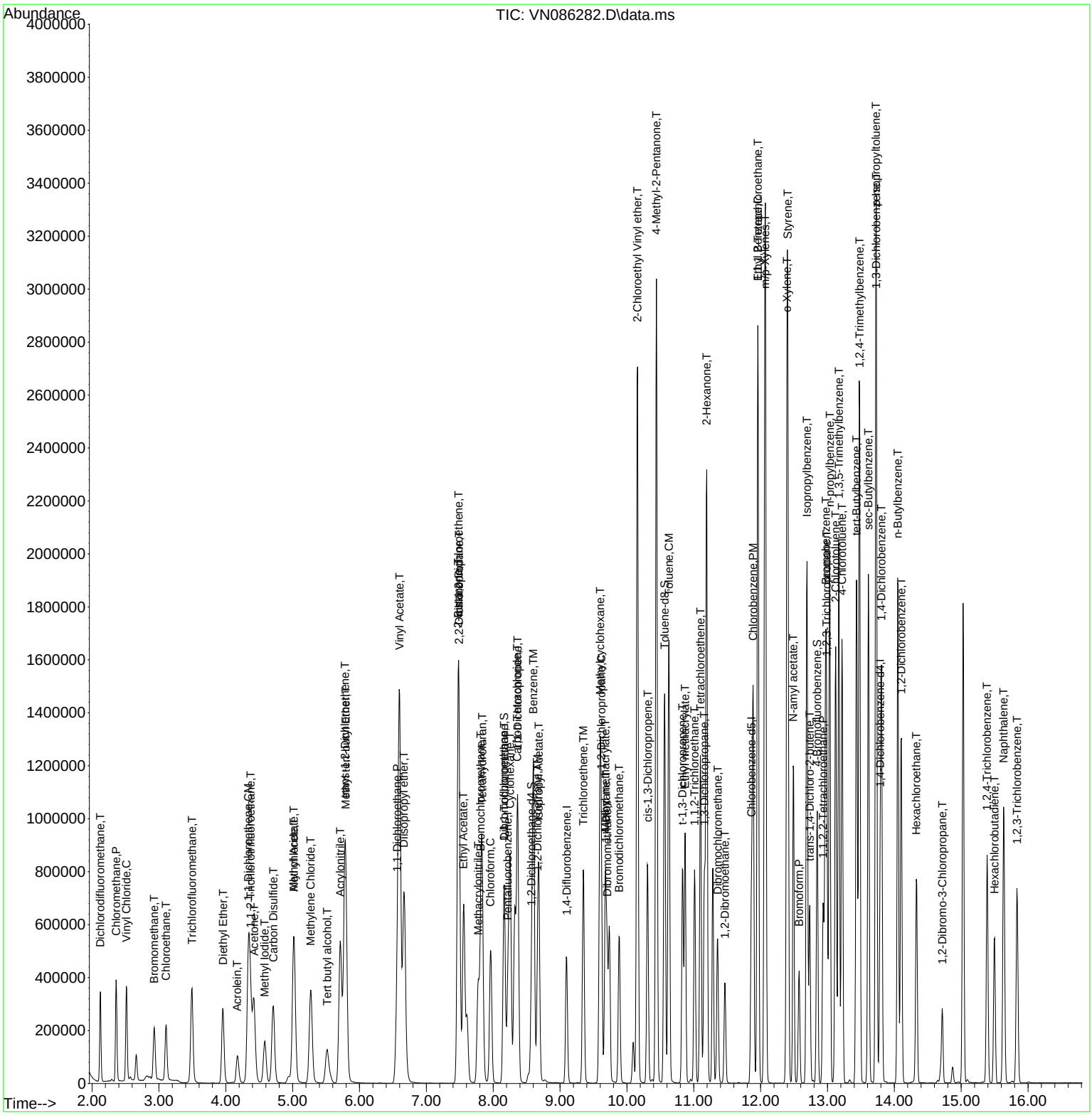
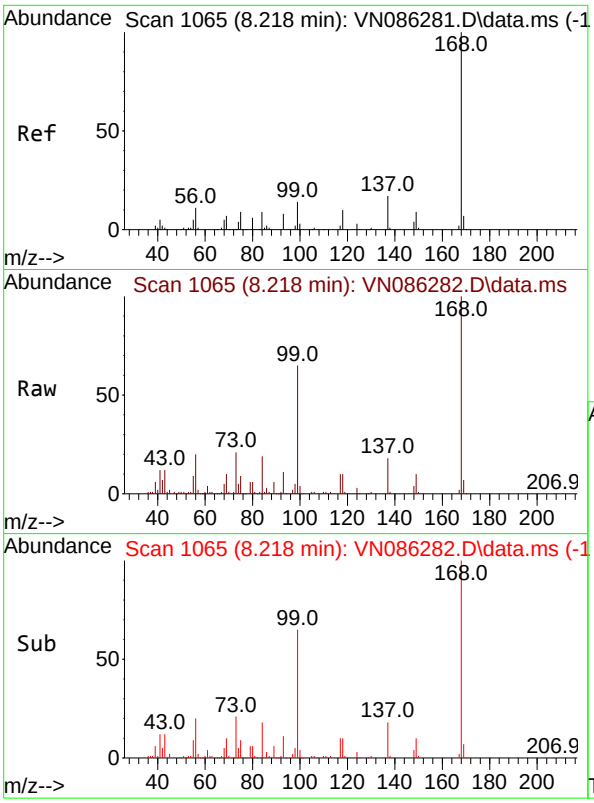
Quant Time: Apr 16 03:58:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 03:42:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

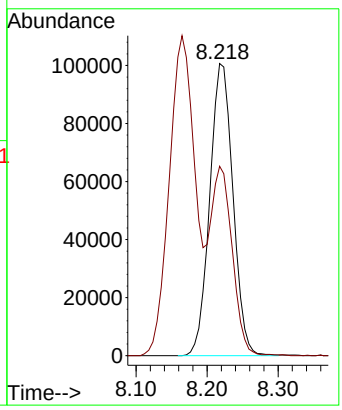




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:168 Resp: 22808

Ion	Ratio	Lower	Upper
168	100		
99	64.7	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

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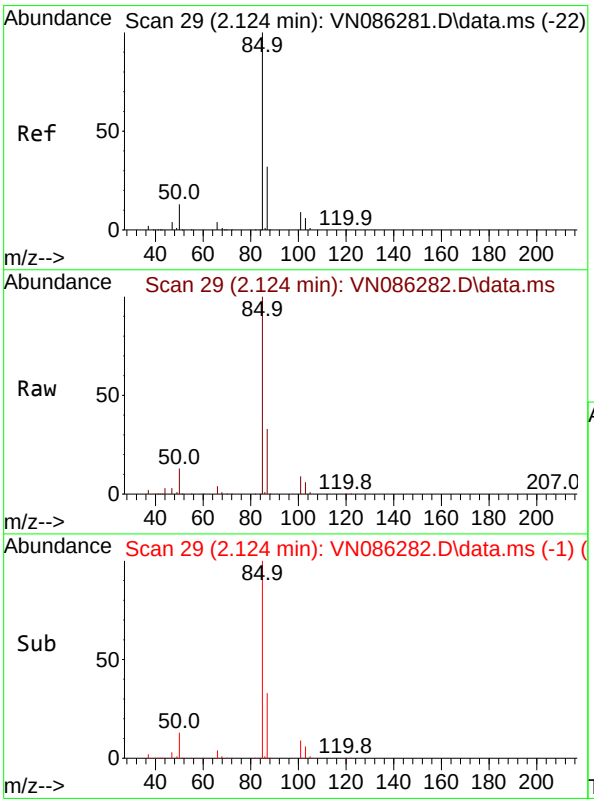
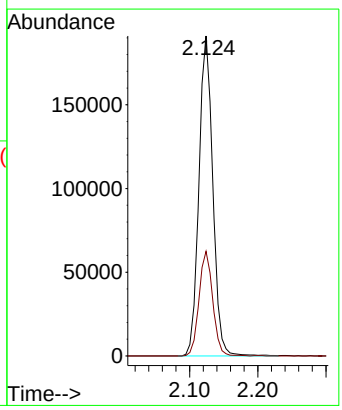
Supervised By :Semsettin Yesilyurt 04/16/2025

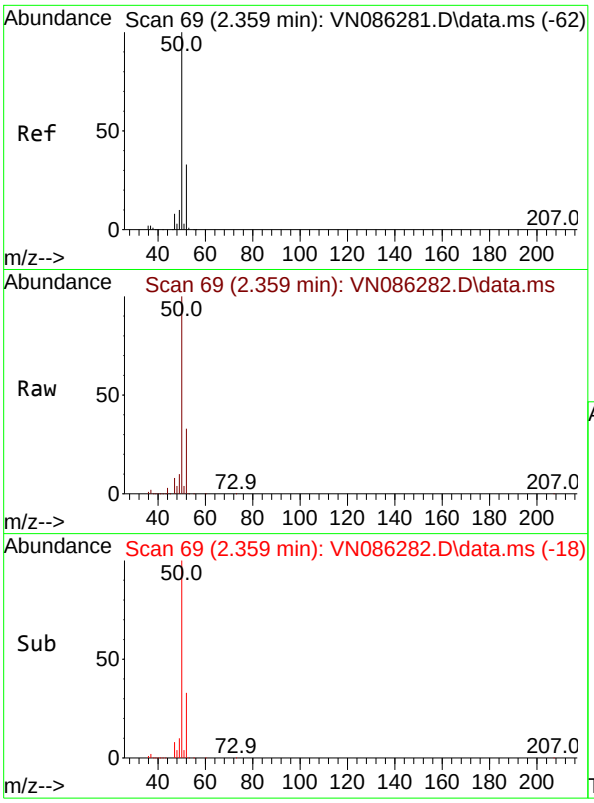


#2
Dichlorodifluoromethane
Concen: 100.025 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 85 Resp: 270450

Ion	Ratio	Lower	Upper
85	100		
87	32.7	16.3	48.8

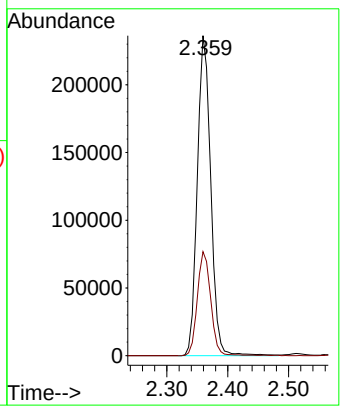




#3
Chloromethane
Concen: 92.270 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 50 Resp: 36258

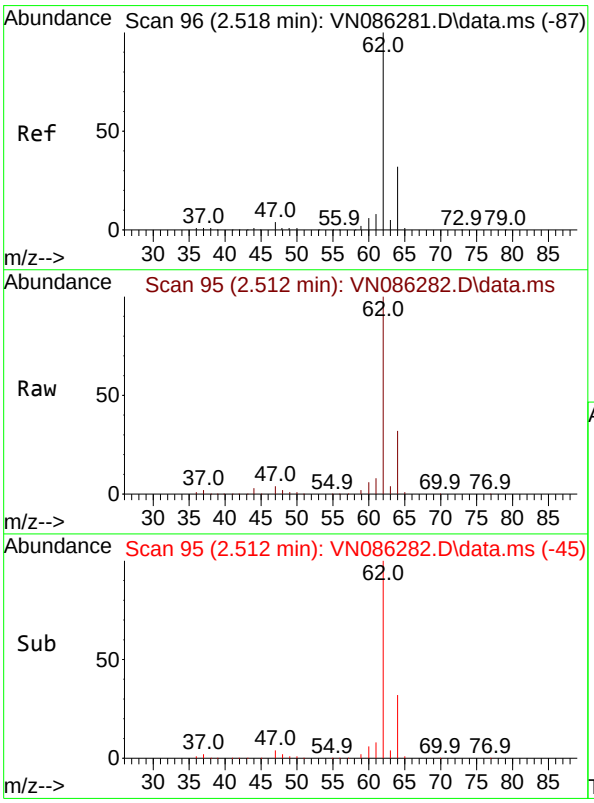
Ion	Ratio	Lower	Upper
50	100		
52	32.5	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

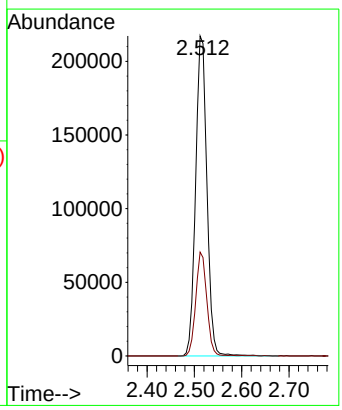
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

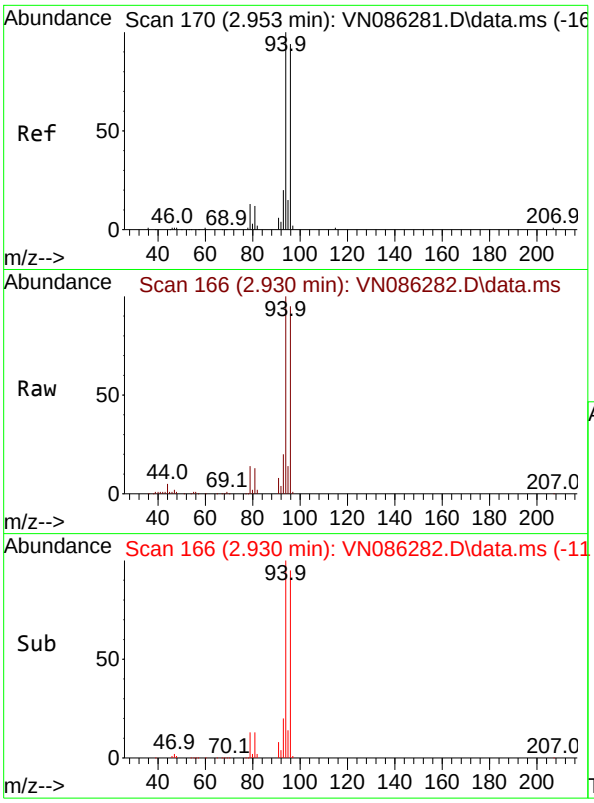


#4
Vinyl Chloride
Concen: 95.910 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 62 Resp: 359654

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.6	38.4

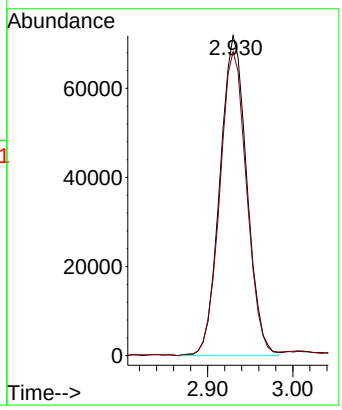




#5
Bromomethane
Concen: 93.105 ug/l
RT: 2.930 min Scan# 1
Delta R.T. -0.024 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 94 Resp: 15704

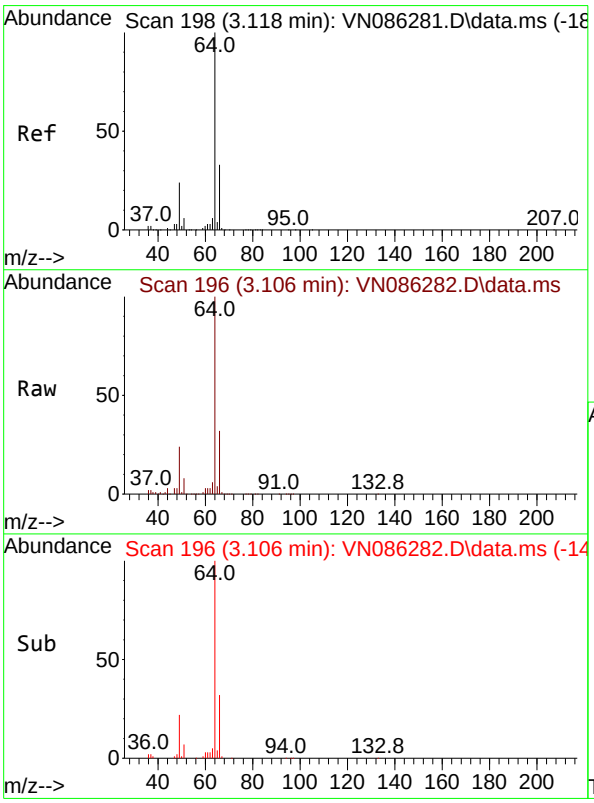
Ion	Ratio	Lower	Upper
94	100		
96	95.0	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

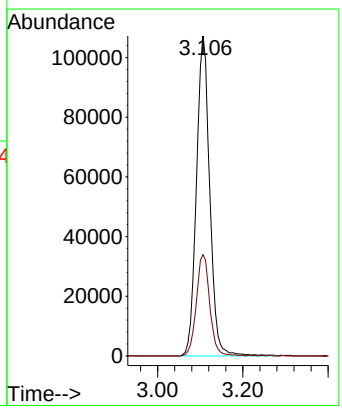
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

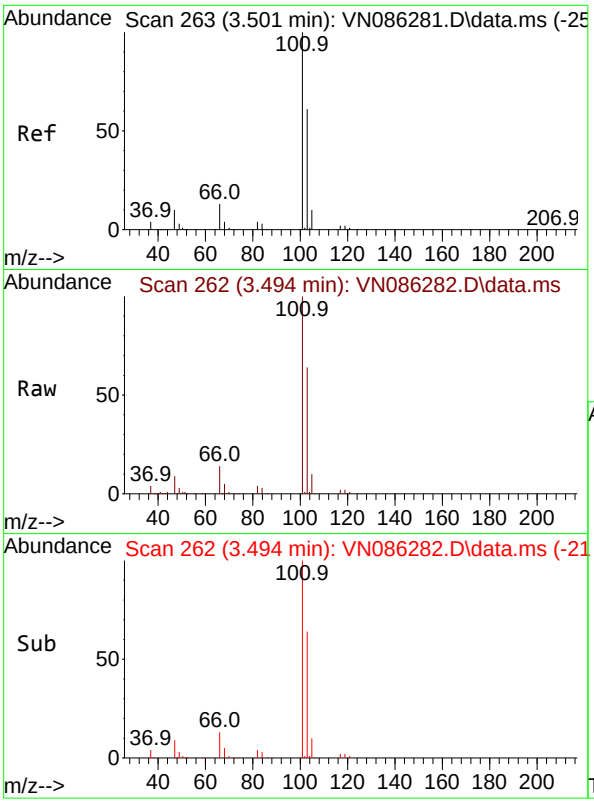


#6
Chloroethane
Concen: 92.528 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 64 Resp: 232218

Ion	Ratio	Lower	Upper
64	100		
66	31.6	26.2	39.2

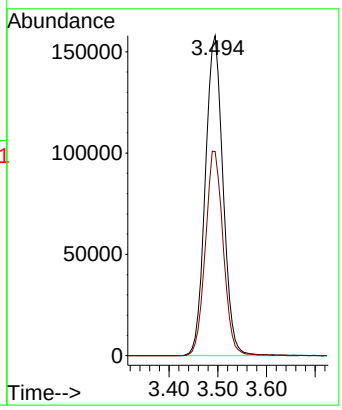




#7
Trichlorofluoromethane
Concen: 96.050 ug/l
RT: 3.494 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:101 Resp: 39896

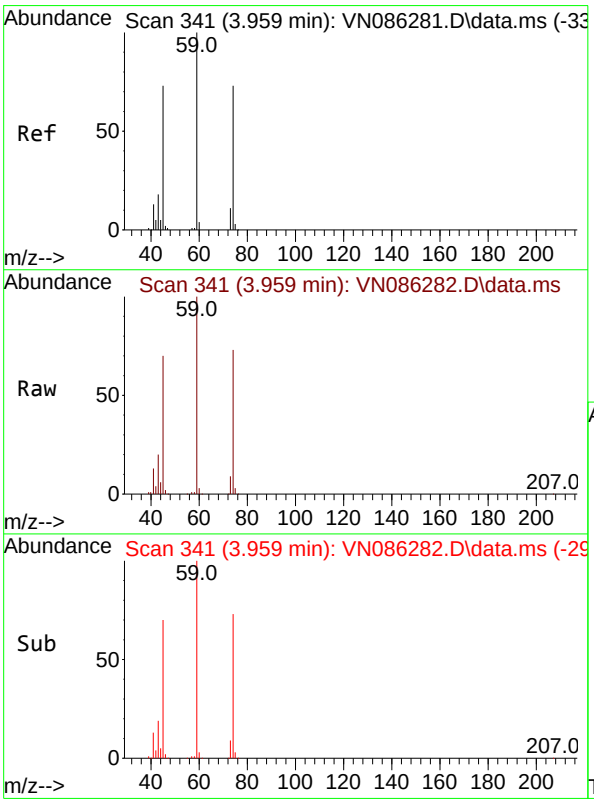
Ion	Ratio	Lower	Upper
101	100		
103	63.8	49.2	73.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

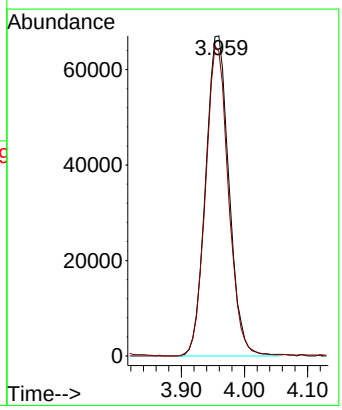
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

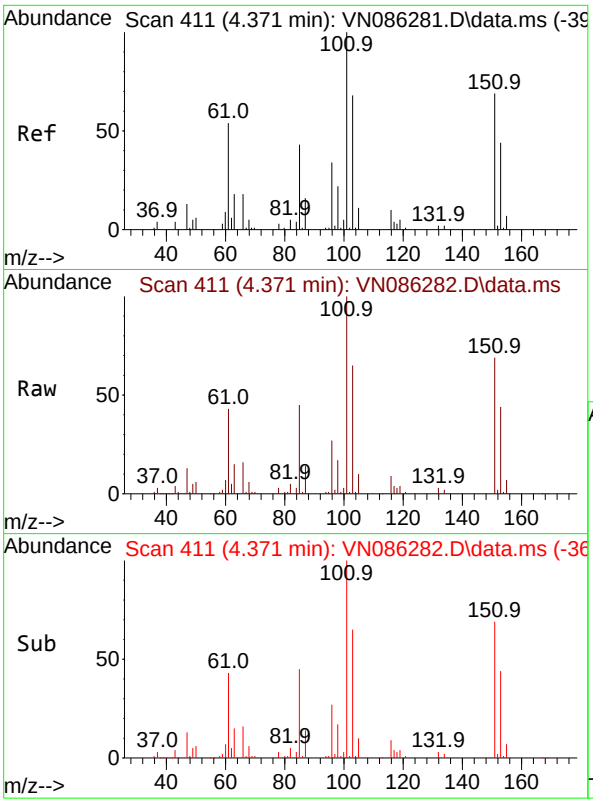


#8
Diethyl Ether
Concen: 94.924 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 74 Resp: 172130

Ion	Ratio	Lower	Upper
74	100		
45	95.3	48.0	144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 96.585 ug/l
RT: 4.371 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:101 Resp: 24269

Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.7	52.1
151	69.3	56.1	84.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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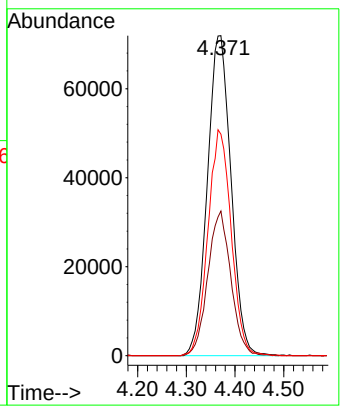
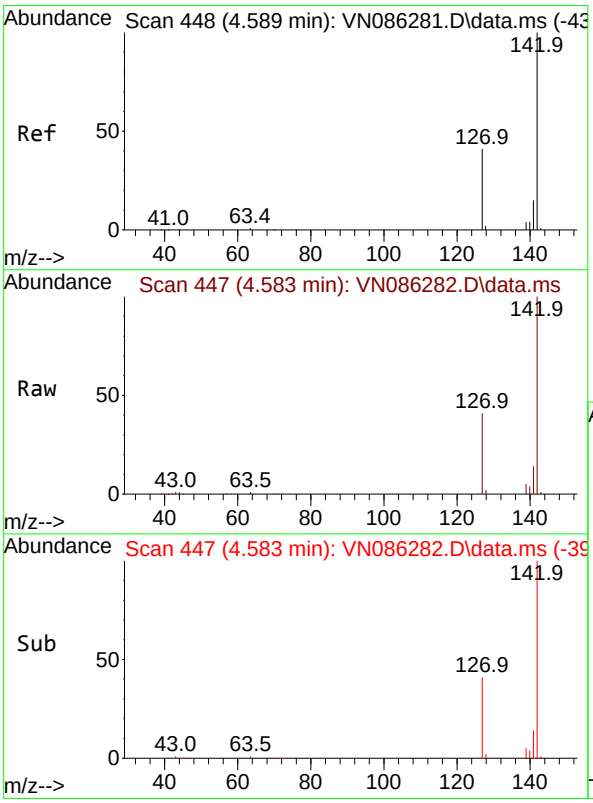
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

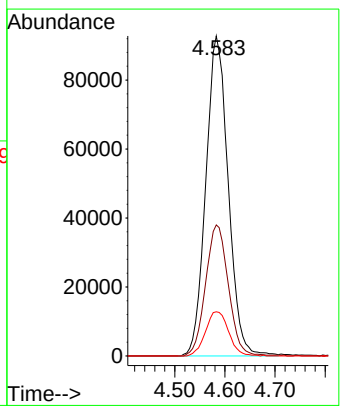


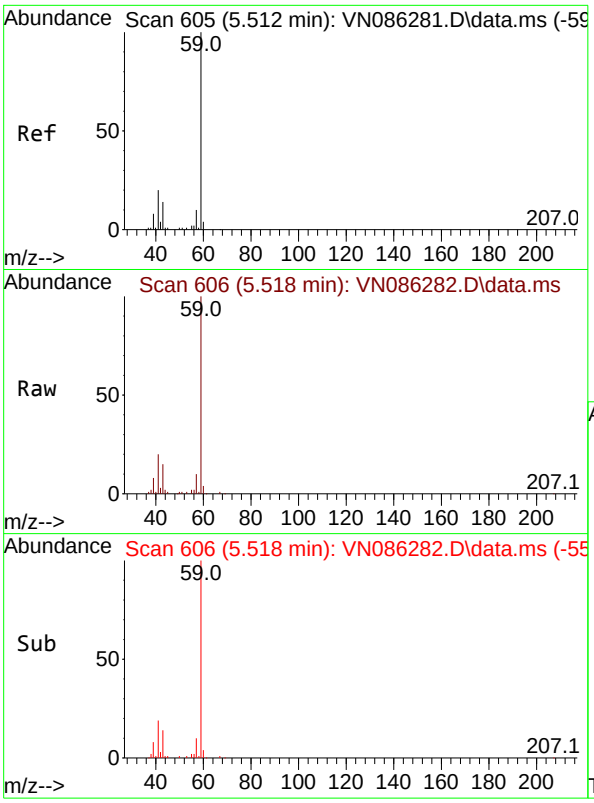


#10
Methyl Iodide
Concen: 104.156 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:142 Resp: 287740

Ion	Ratio	Lower	Upper
142	100		
127	41.0	32.7	49.1
141	13.8	11.7	17.5

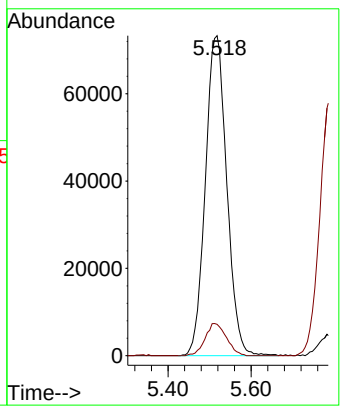




#11
Tert butyl alcohol
Concen: 434.831 ug/l
RT: 5.518 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 59 Resp: 26241

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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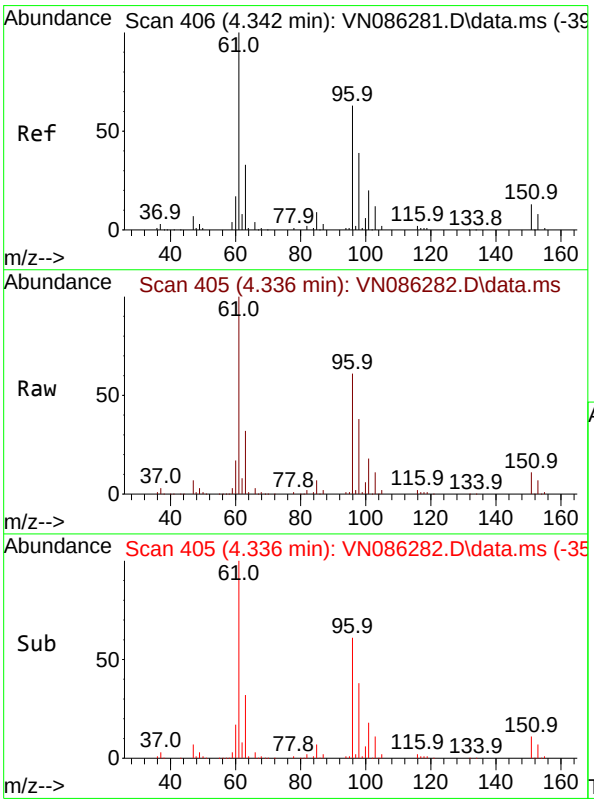
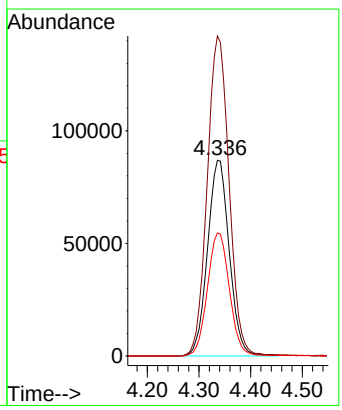
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

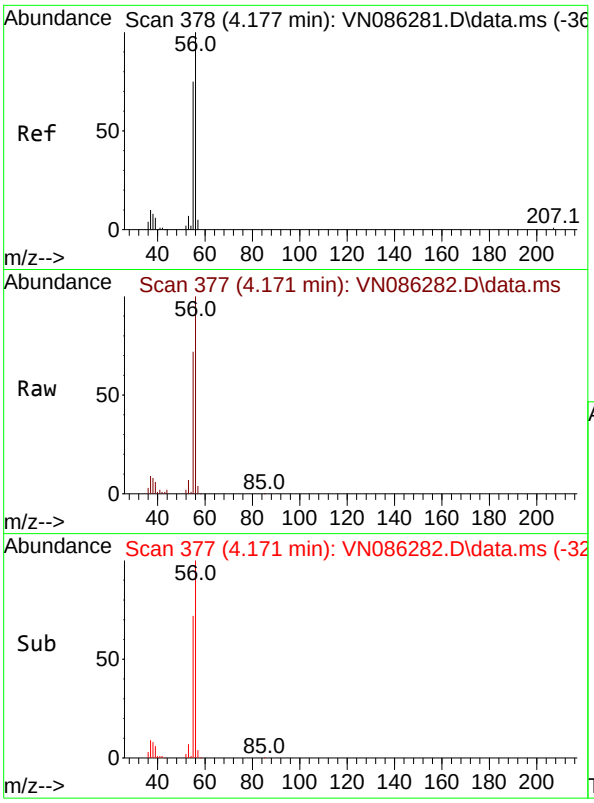


#12
1,1-Dichloroethene
Concen: 94.627 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 96 Resp: 254035

Ion	Ratio	Lower	Upper
96	100		
61	163.5	126.6	189.8
98	62.8	49.6	74.4

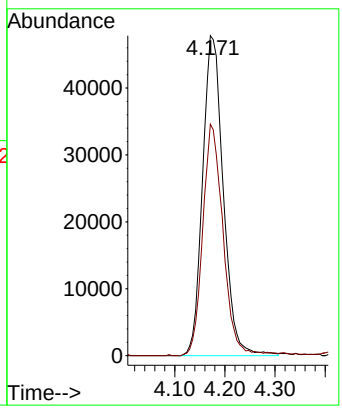




#13
Acrolein
Concen: 502.553 ug/l
RT: 4.171 min Scan# 3
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 56 Resp: 13713

Ion	Ratio	Lower	Upper
56	100		
55	70.6	58.5	87.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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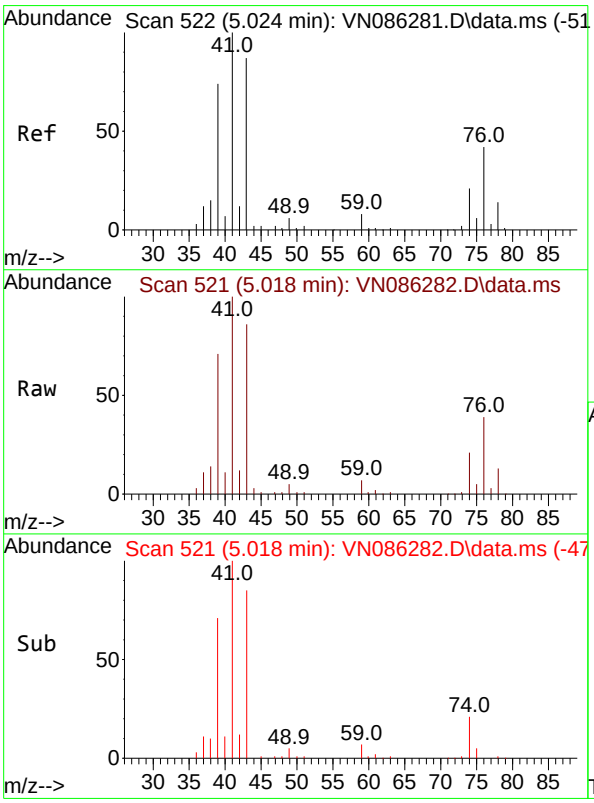
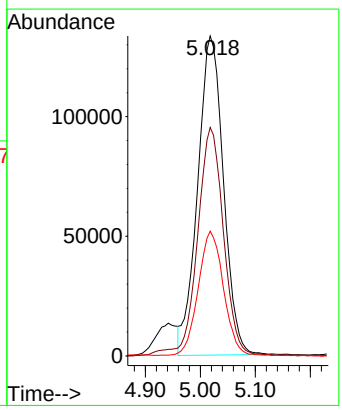
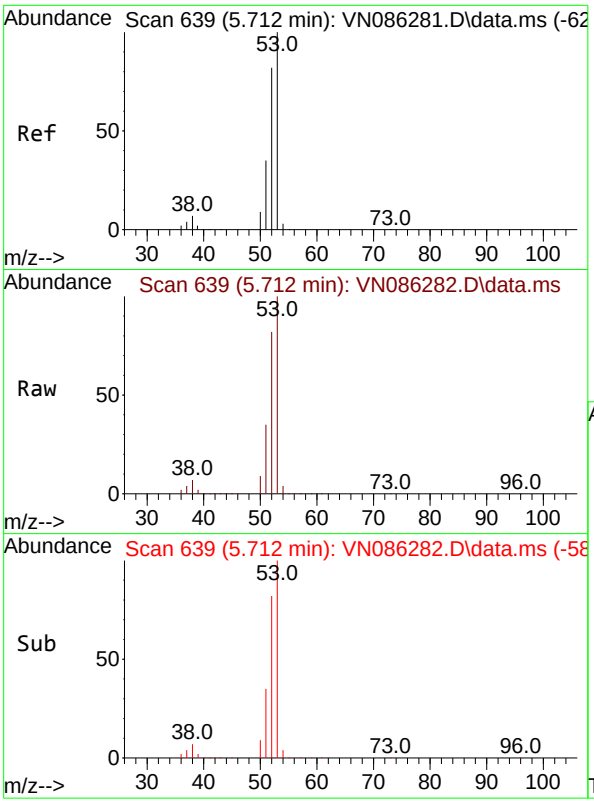


#14
Allyl chloride
Concen: 91.225 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 41 Resp: 435112

Ion	Ratio	Lower	Upper
41	100		
39	72.5	59.2	88.8
76	38.0	31.2	46.8

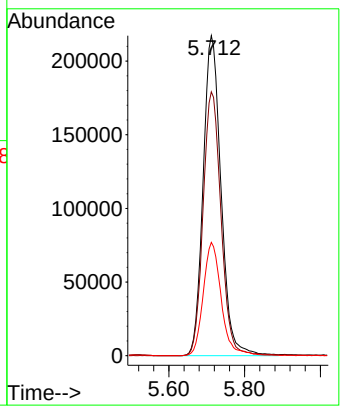




#15
Acrylonitrile
Concen: 478.368 ug/l
RT: 5.712 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 53 Resp: 71364

Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.5	98.3
51	35.8	28.6	42.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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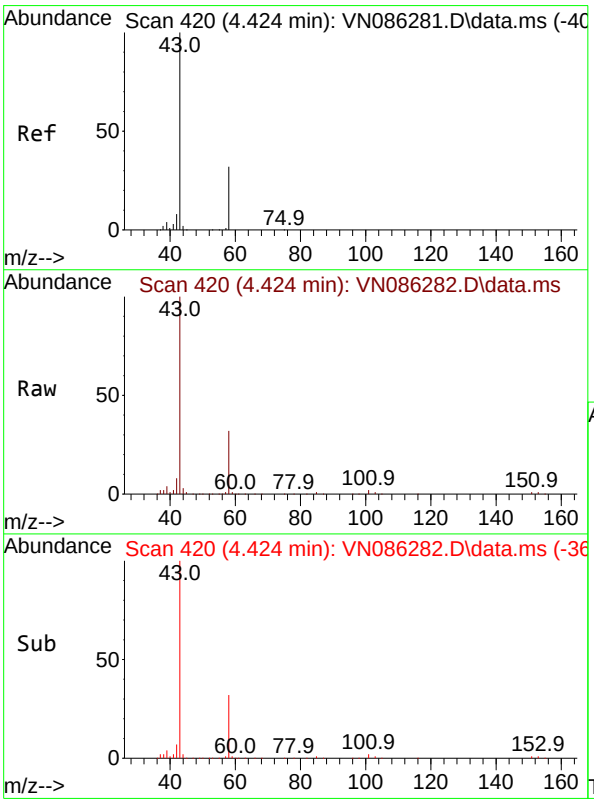
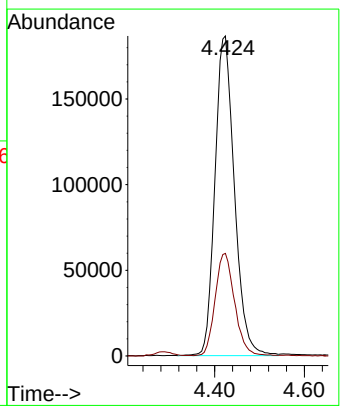
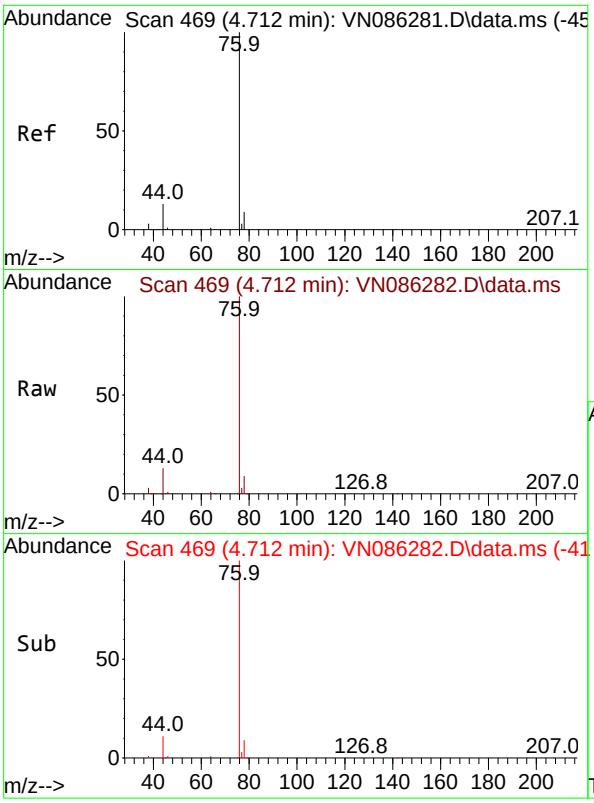


#16
Acetone
Concen: 498.290 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 563323

Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.3	37.9

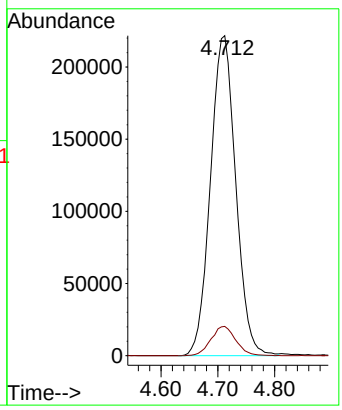




#17
Carbon Disulfide
Concen: 85.294 ug/l
RT: 4.712 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 76 Resp: 68561

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.6	11.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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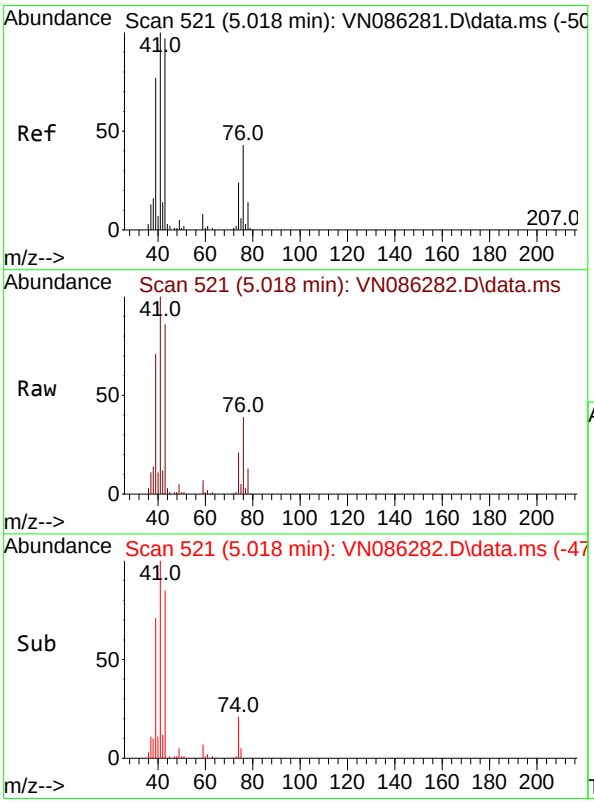
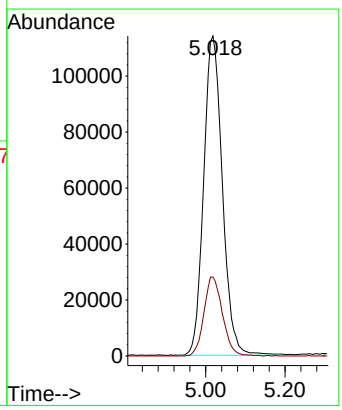
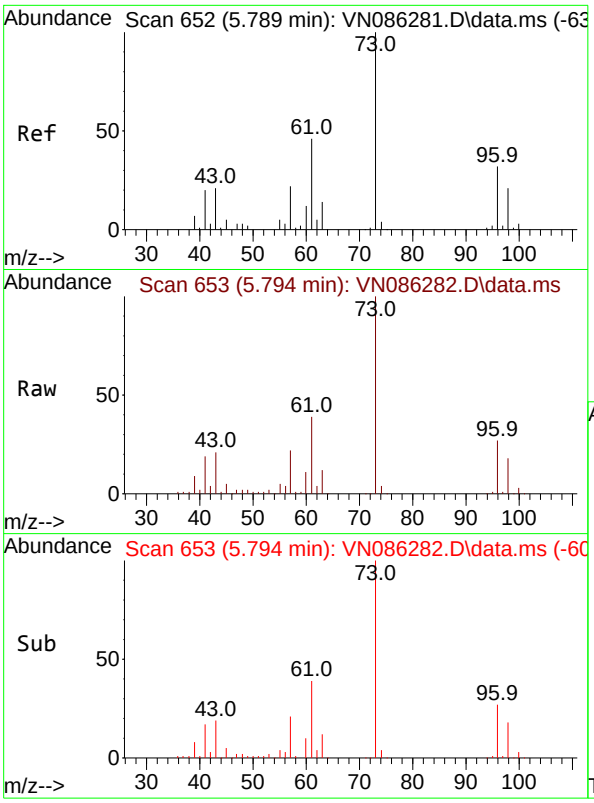


#18
Methyl Acetate
Concen: 94.410 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 374831

Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.8	29.6

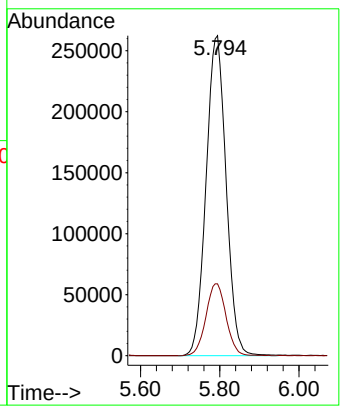




#19
Methyl tert-butyl Ether
Concen: 93.089 ug/l
RT: 5.794 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 73 Resp: 91863

Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.6	26.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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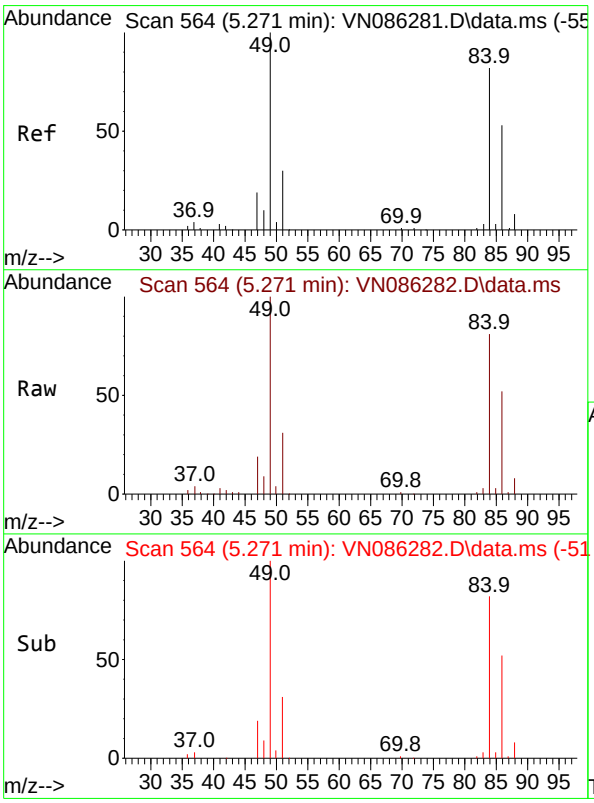
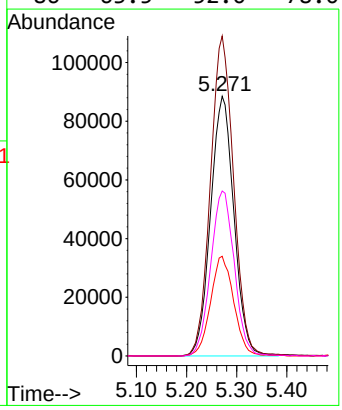
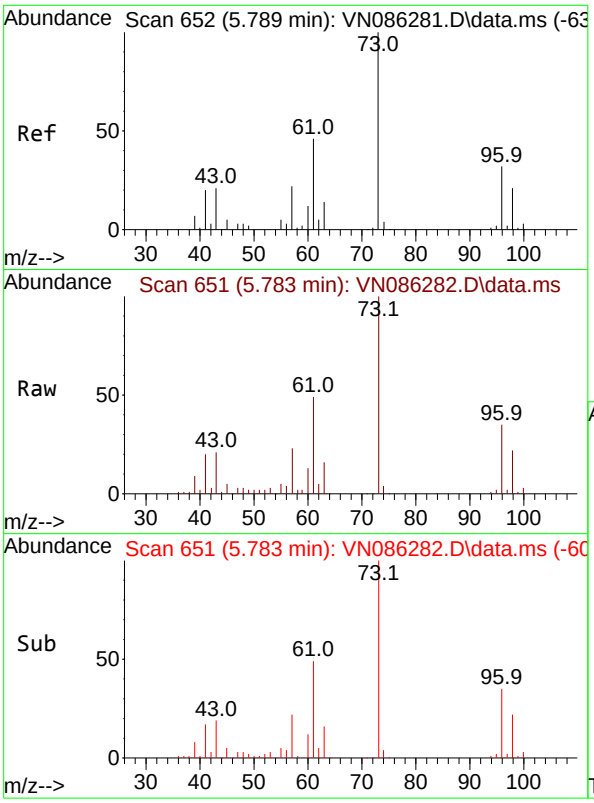


#20
Methylene Chloride
Concen: 93.774 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 84 Resp: 286733

Ion	Ratio	Lower	Upper
84	100		
49	123.2	98.2	147.2
51	38.4	29.8	44.6
86	63.5	52.0	78.0

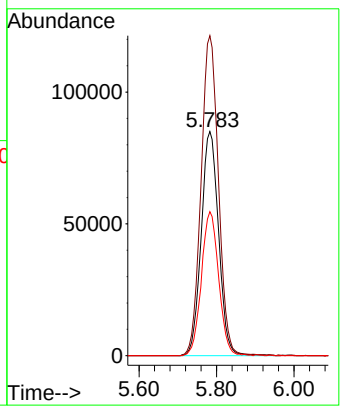




#21
trans-1,2-Dichloroethene
Concen: 94.241 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 96 Resp: 26450

Ion	Ratio	Lower	Upper
96	100		
61	142.8	114.6	171.8
98	64.3	51.2	76.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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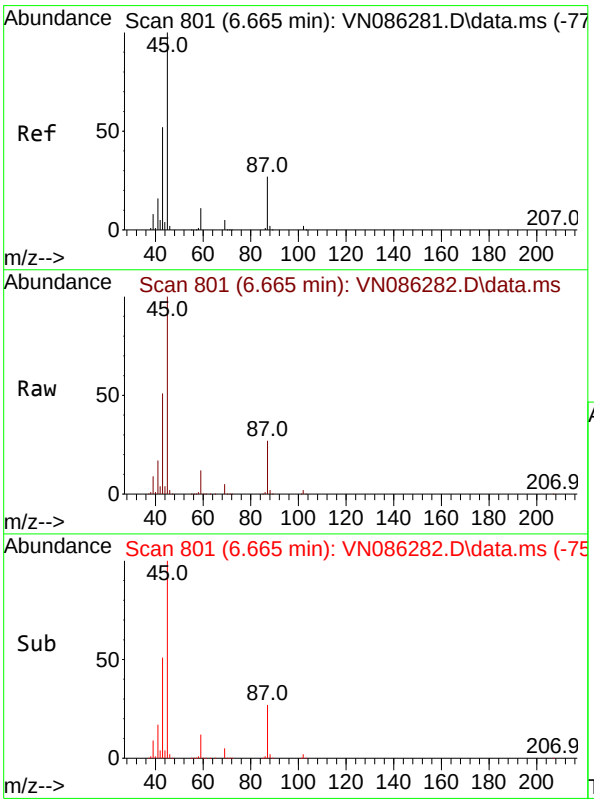
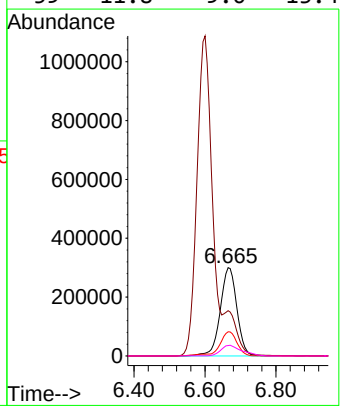
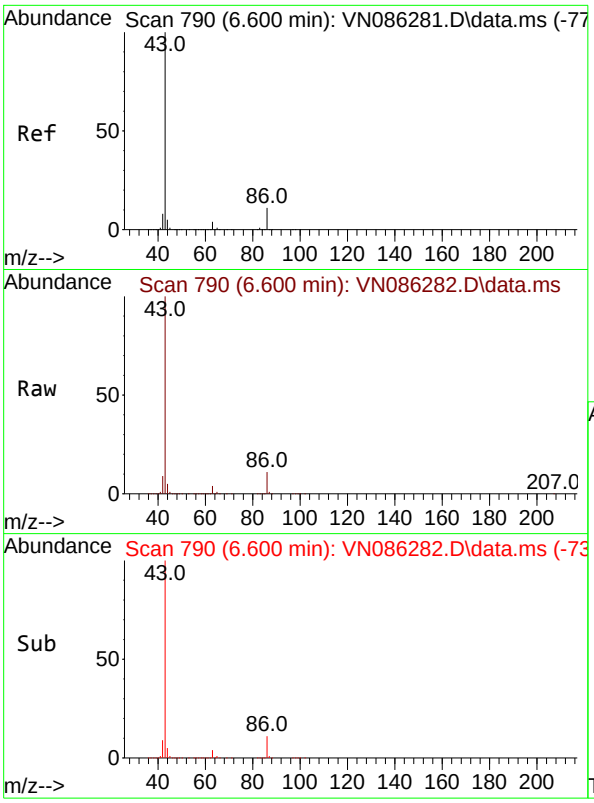


#22
Diisopropyl ether
Concen: 93.497 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 45 Resp: 970652

Ion	Ratio	Lower	Upper
45	100		
43	51.2	41.8	62.8
87	27.4	21.6	32.4
59	11.8	9.0	13.4

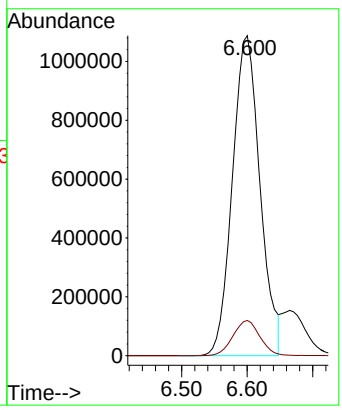




#23
Vinyl Acetate
Concen: 438.915 ug/l
RT: 6.600 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 318450

Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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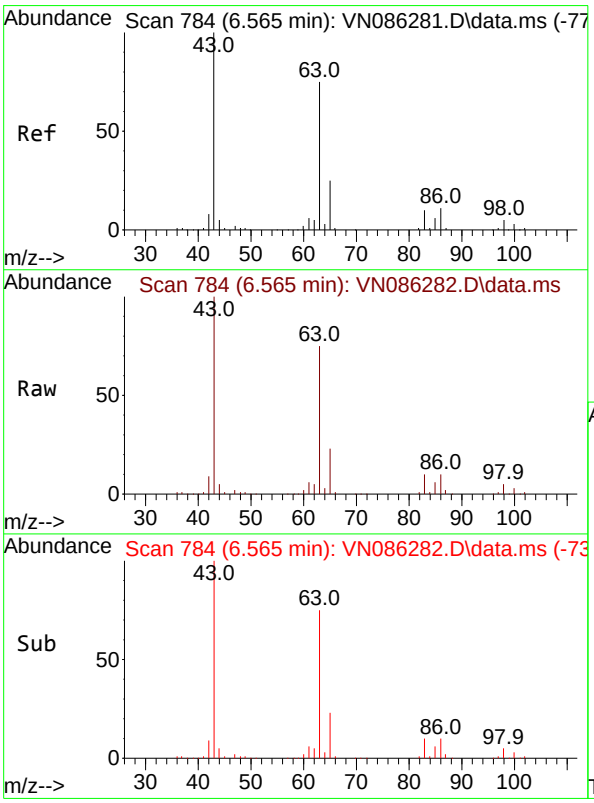
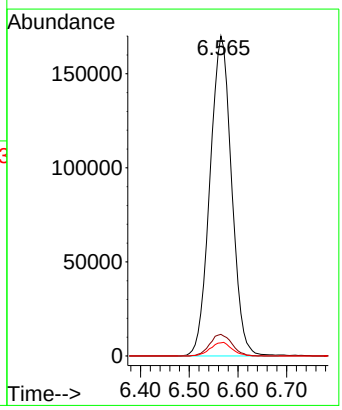
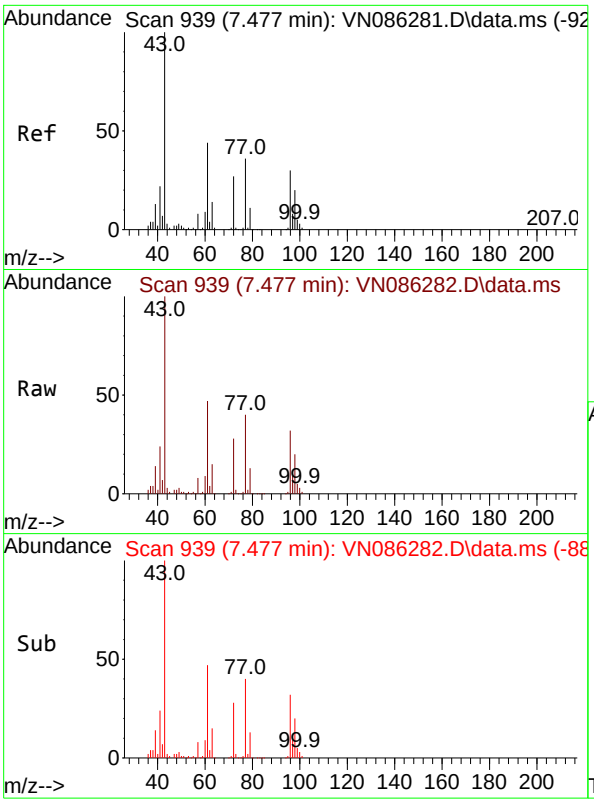


#24
1,1-Dichloroethane
Concen: 95.914 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 63 Resp: 525385

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.2
100	4.1	2.1	6.5





#25
2-Butanone
Concen: 465.437 ug/l
RT: 7.477 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 95821

Ion	Ratio	Lower	Upper
43	100		
72	27.6	21.7	32.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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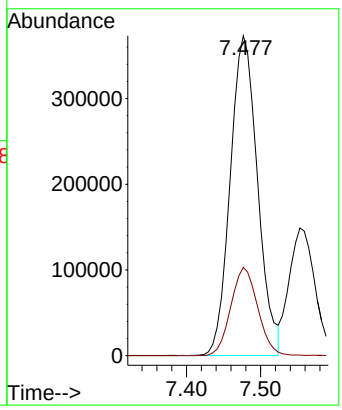
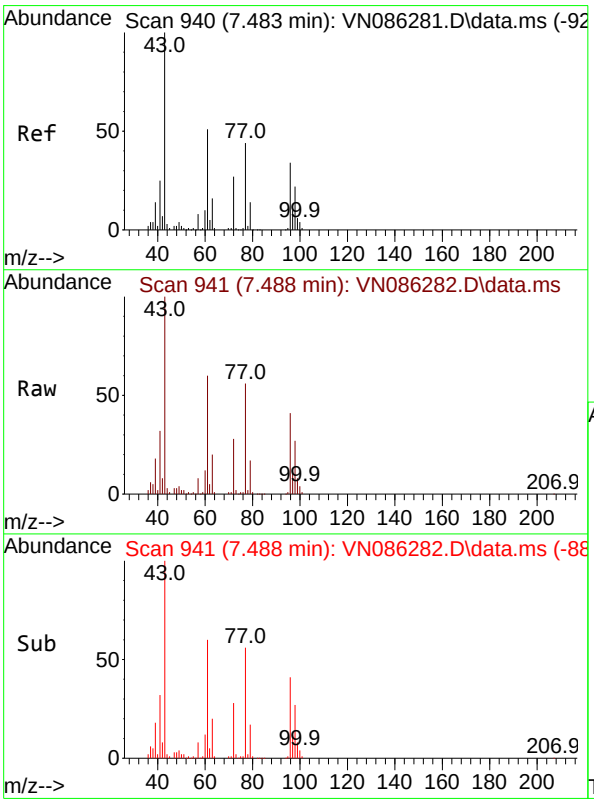
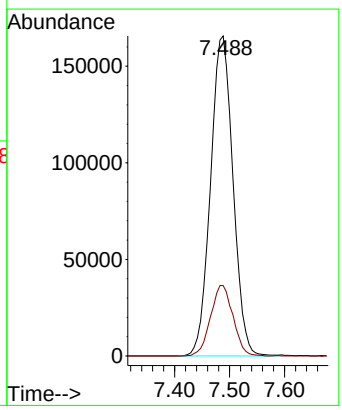


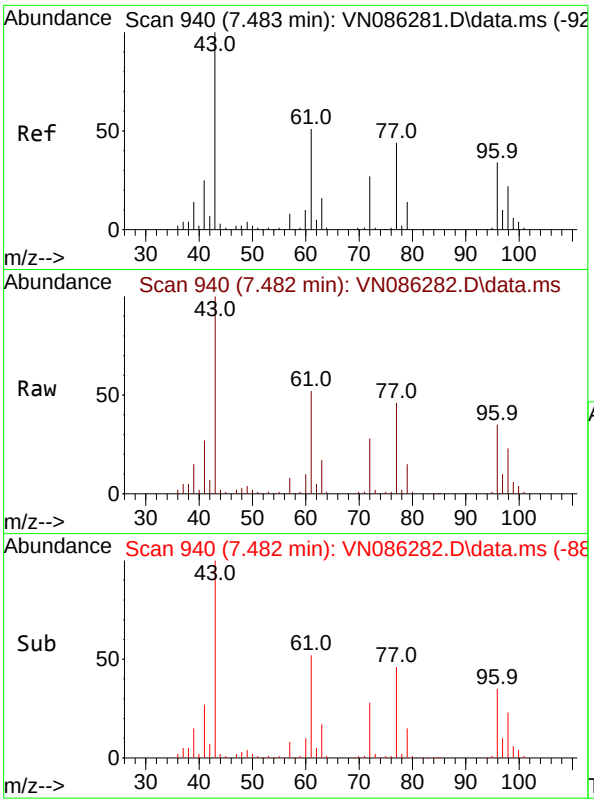


#26
2,2-Dichloropropane
Concen: 96.005 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 77 Resp: 470852

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.2	33.5

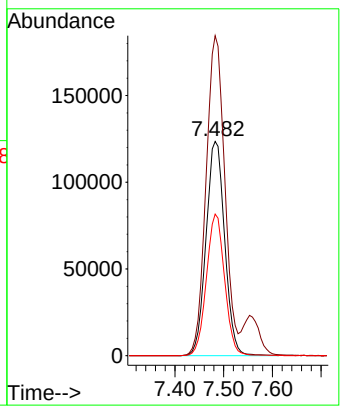




#27
cis-1,2-Dichloroethene
Concen: 94.252 ug/l
RT: 7.482 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 96 Resp: 32832

Ion	Ratio	Lower	Upper
96	100		
61	149.2	0.0	299.0
98	64.6	0.0	129.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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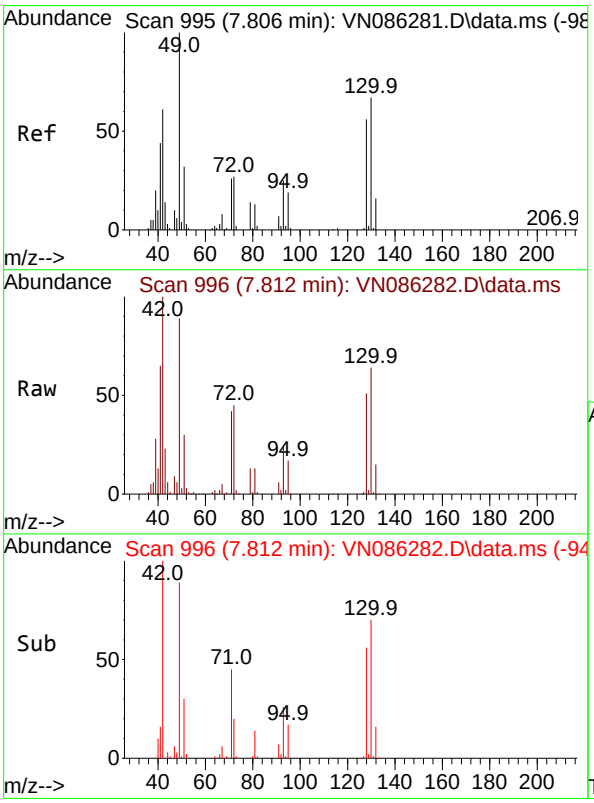
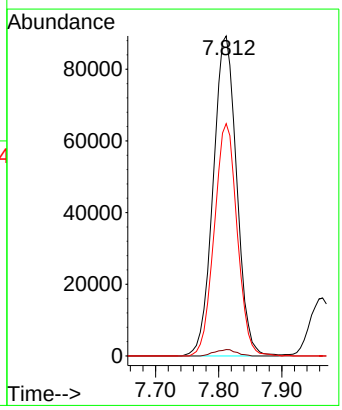
Supervised By :Semsettin Yesilyurt 04/16/2025

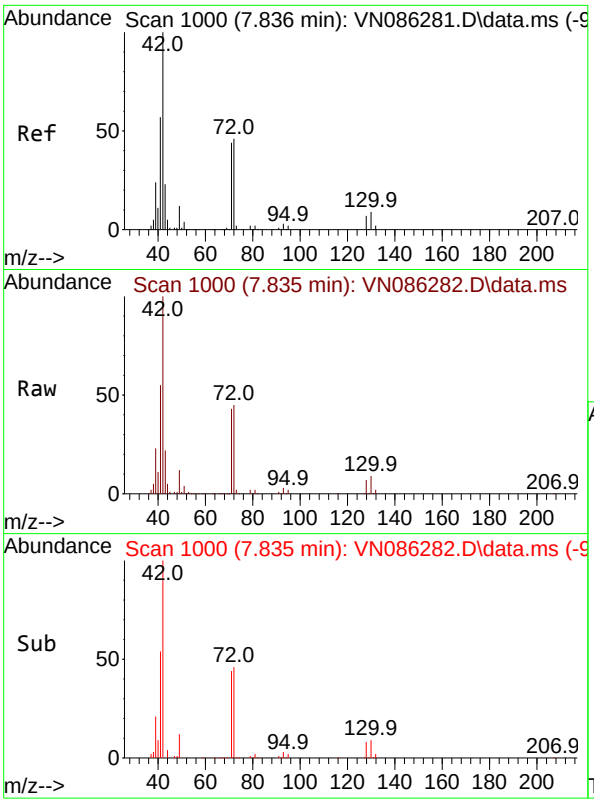


#28
Bromochloromethane
Concen: 99.357 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 49 Resp: 230762

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.4
130	70.7	57.1	85.7





#29
Tetrahydrofuran
Concen: 453.130 ug/l
RT: 7.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 42 Resp: 62382

Ion	Ratio	Lower	Upper
42	100		
72	45.1	36.2	54.4
71	42.2	34.0	51.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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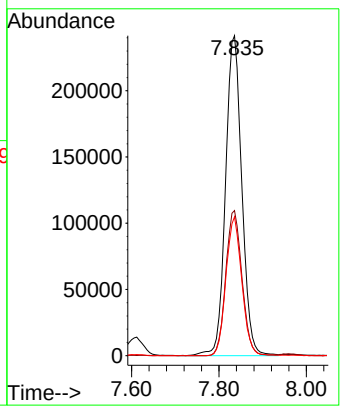
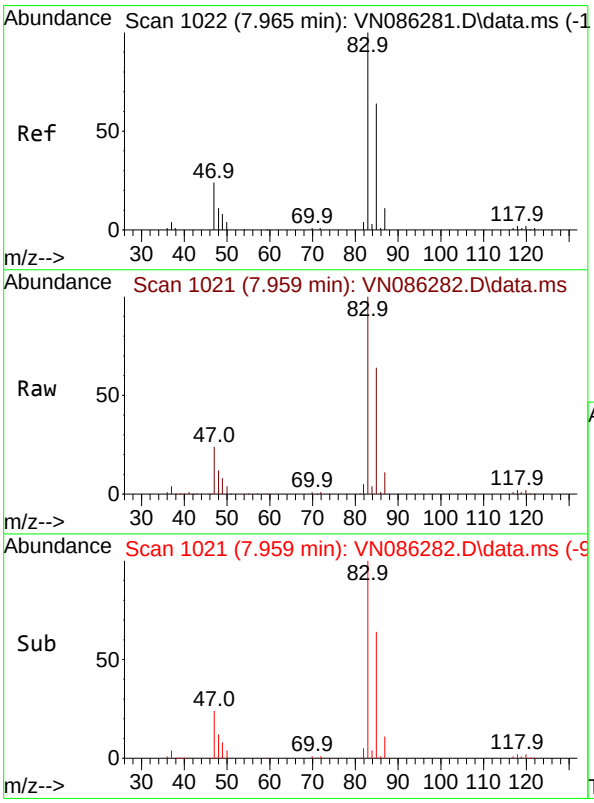
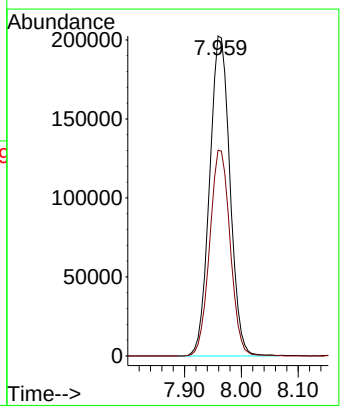


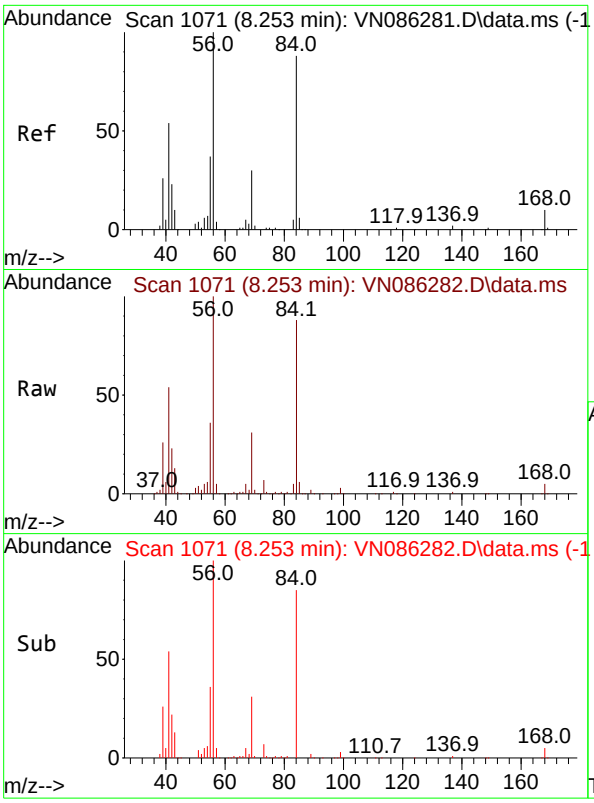


#30
Chloroform
Concen: 93.611 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 83 Resp: 503712

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.5	77.3

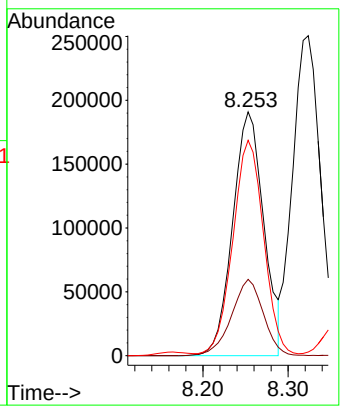




#31
Cyclohexane
Concen: 90.418 ug/l
RT: 8.253 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 56 Resp: 48464

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.2	36.2
84	87.0	70.3	105.5



Instrument :
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ClientSampleId :
VSTDICC100

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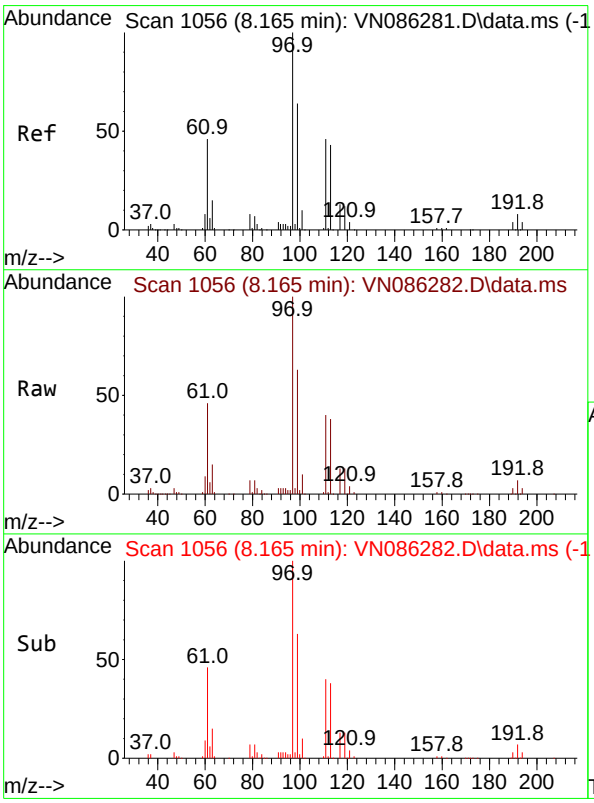
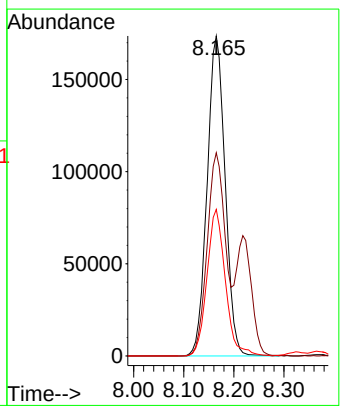
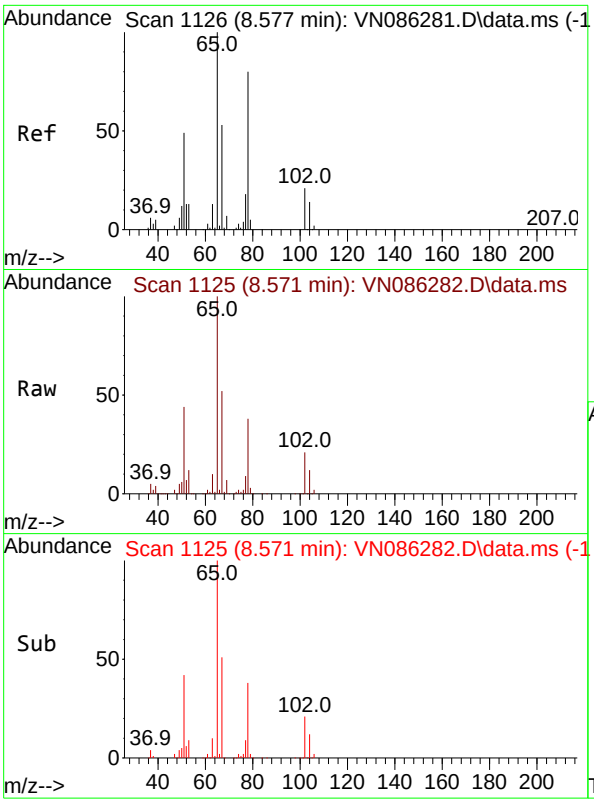


#32
1,1,1-Trichloroethane
Concen: 94.058 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 97 Resp: 432964

Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.7	79.1
61	46.9	39.5	59.3

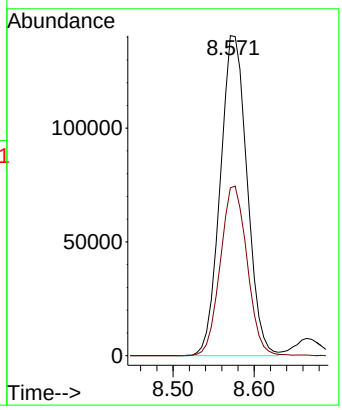




#33
1,2-Dichloroethane-d4
Concen: 97.633 ug/l
RT: 8.571 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 65 Resp: 32292

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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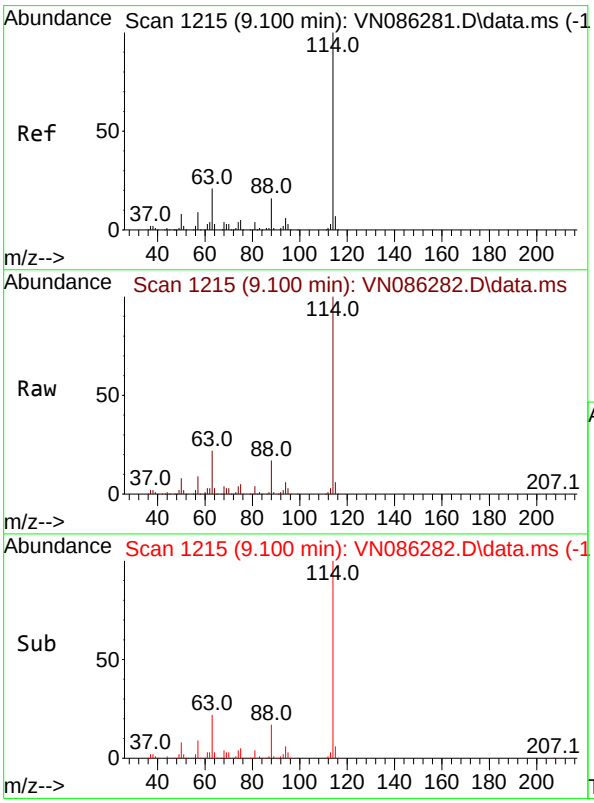
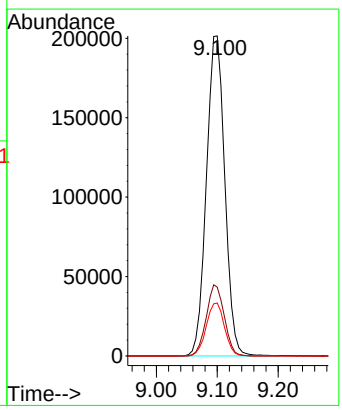
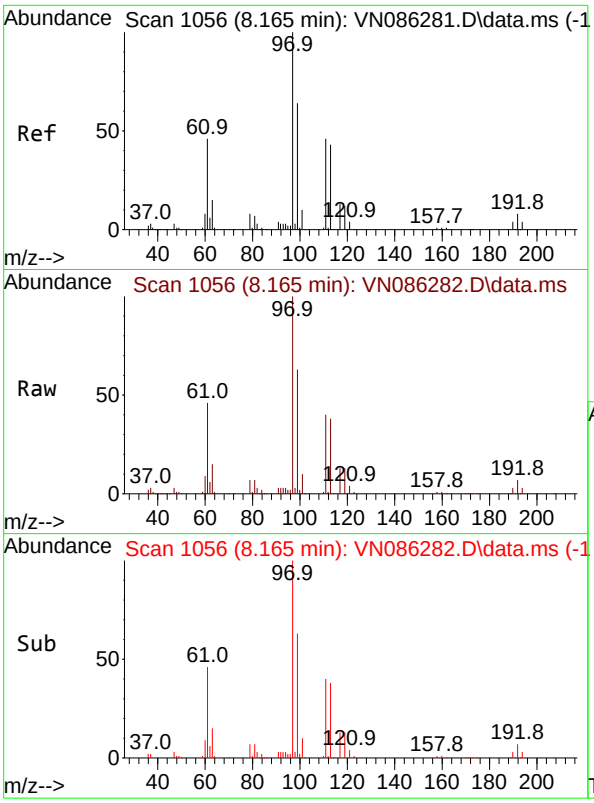


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:114 Resp: 422902

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.6
88	16.5	0.0	31.8

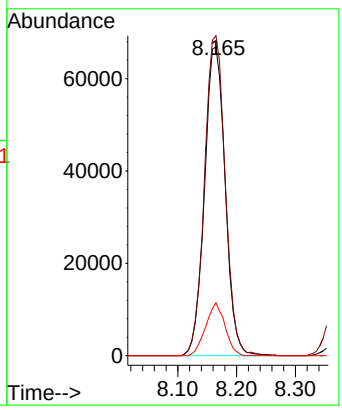




#35
Dibromofluoromethane
Concen: 83.402 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:113 Resp: 16369

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.0
192	16.0	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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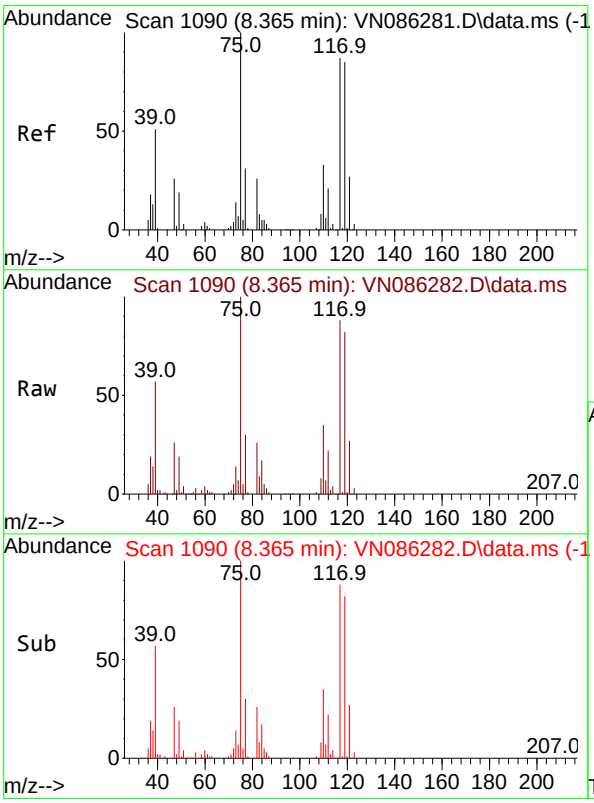
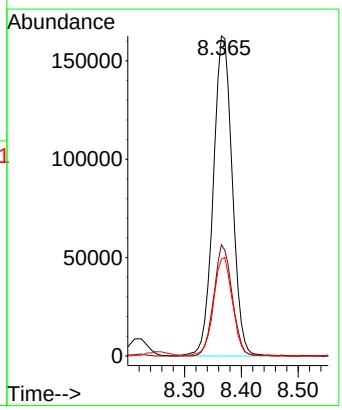
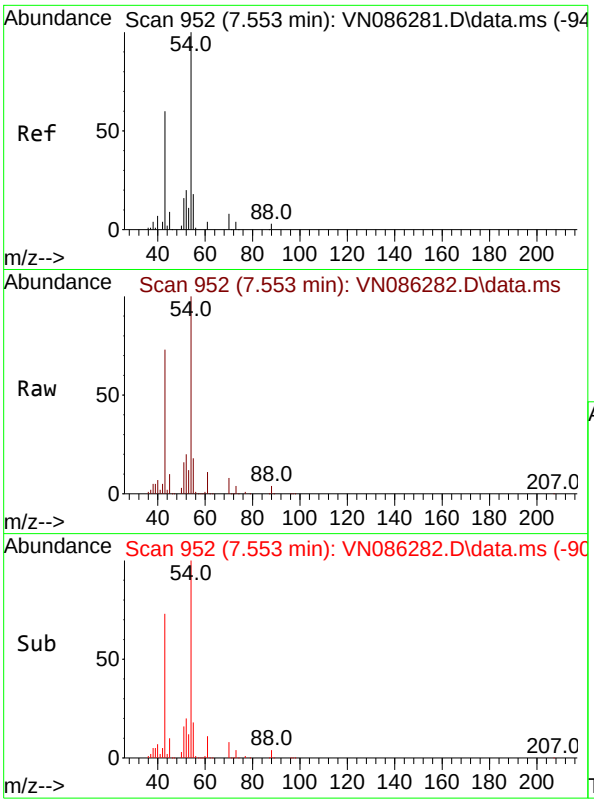


#36
1,1-Dichloropropene
Concen: 96.591 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 75 Resp: 378663

Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.8	50.4
77	30.8	24.9	37.3





#37
Ethyl Acetate
Concen: 89.962 ug/l
RT: 7.553 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 37129

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	11.4	9.2	13.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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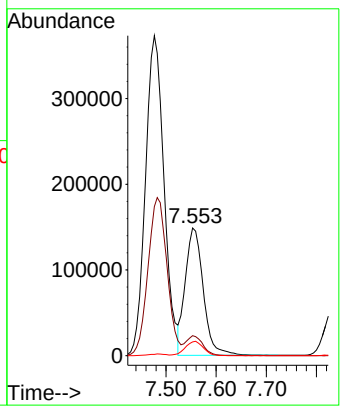
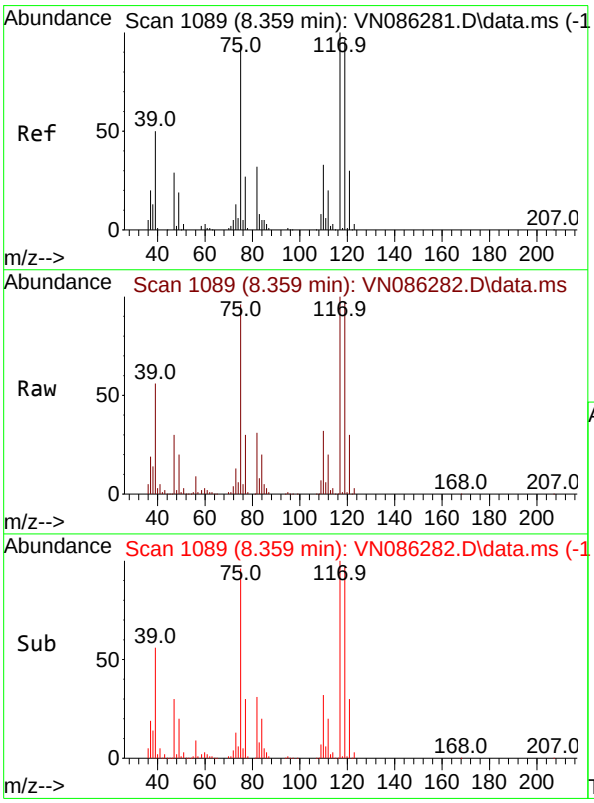
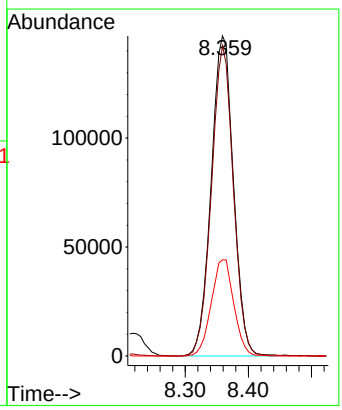


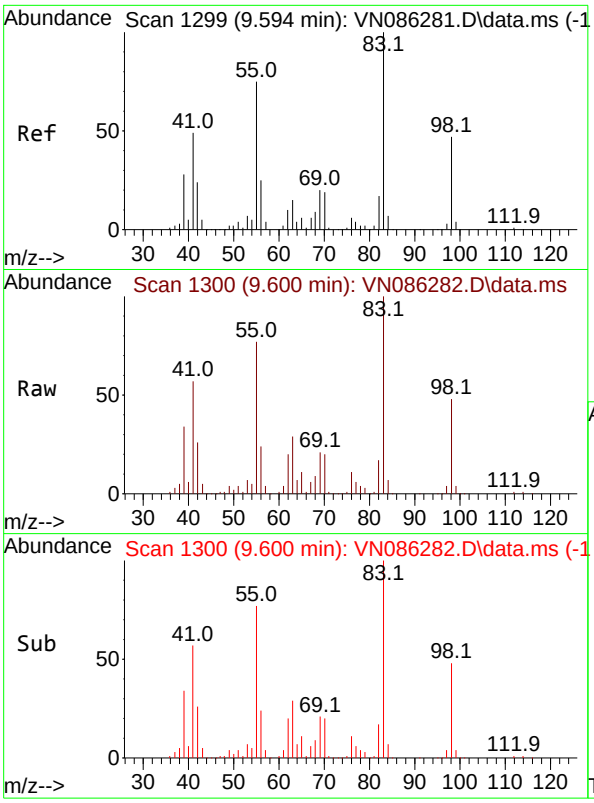


#38
Carbon Tetrachloride
Concen: 96.450 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:117 Resp: 360081

Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.8	115.2
121	30.1	23.8	35.8

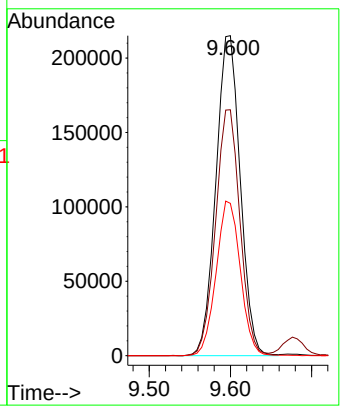




#39
Methylcyclohexane
Concen: 96.325 ug/l
RT: 9.600 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 83 Resp: 44884

Ion	Ratio	Lower	Upper
83	100		
55	76.8	59.8	89.8
98	47.6	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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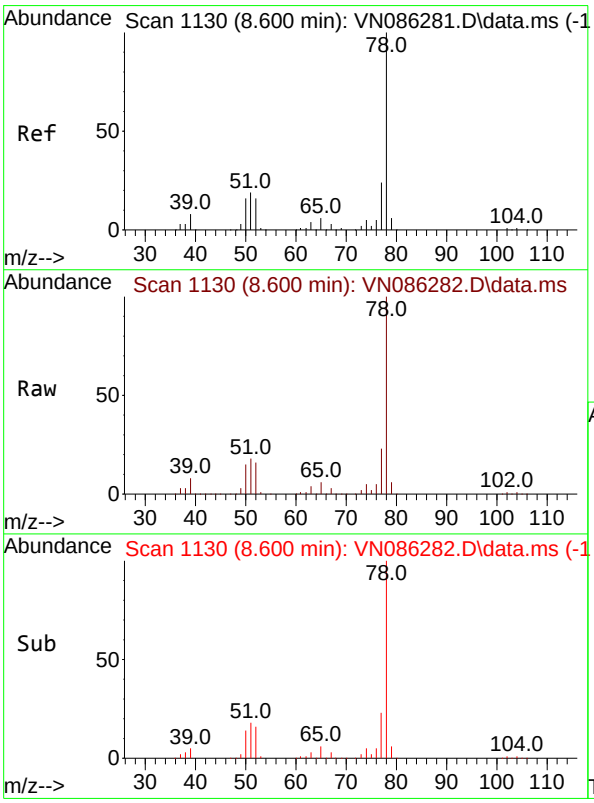
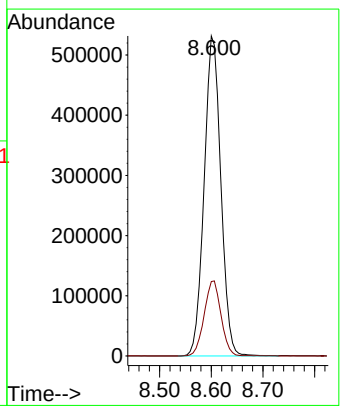
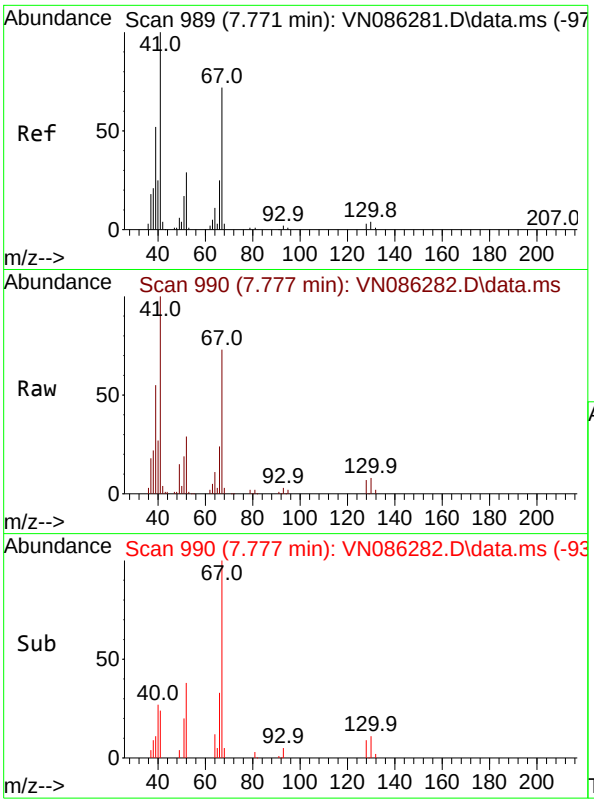


#40
Benzene
Concen: 95.020 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 78 Resp: 1193479

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2

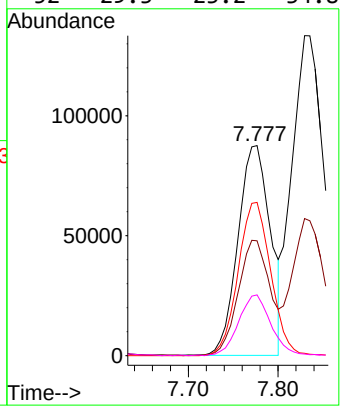




#41
Methacrylonitrile
Concen: 91.695 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 41 Resp: 21933

Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.0	64.4
67	73.8	58.8	88.2
52	29.3	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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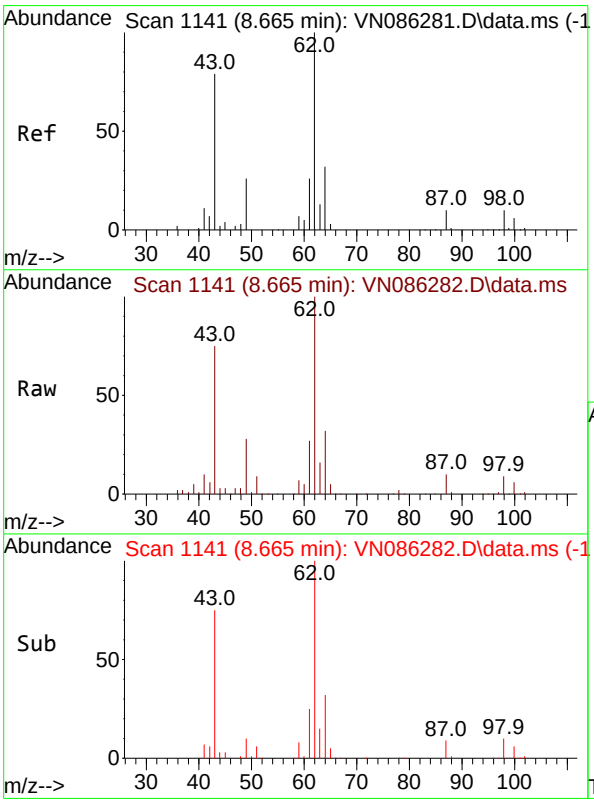
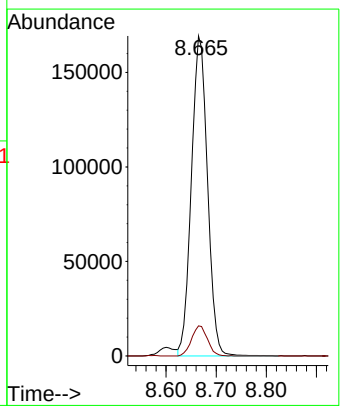
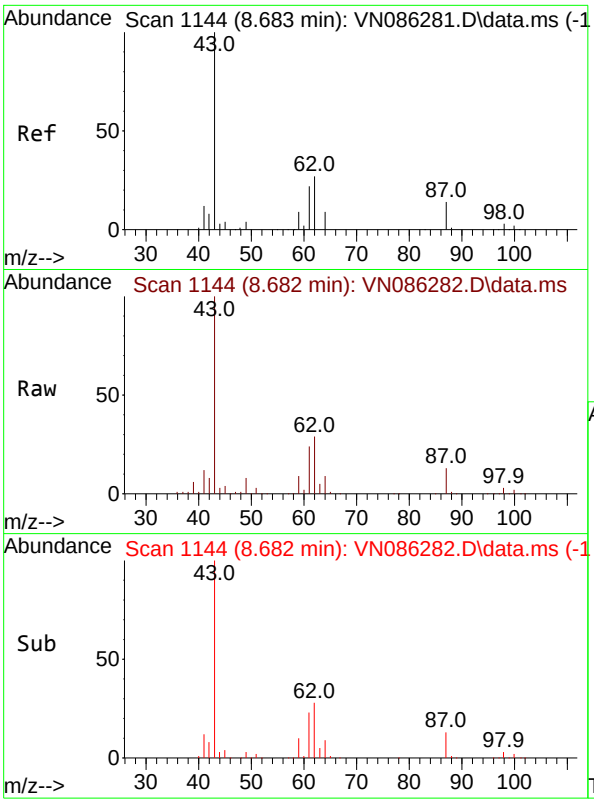


#42
1,2-Dichloroethane
Concen: 94.143 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 62 Resp: 377081

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2

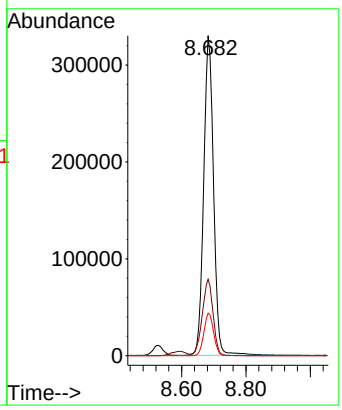




#43
Isopropyl Acetate
Concen: 100.085 ug/l
RT: 8.682 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 70418

Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.5	30.7
87	13.1	10.5	15.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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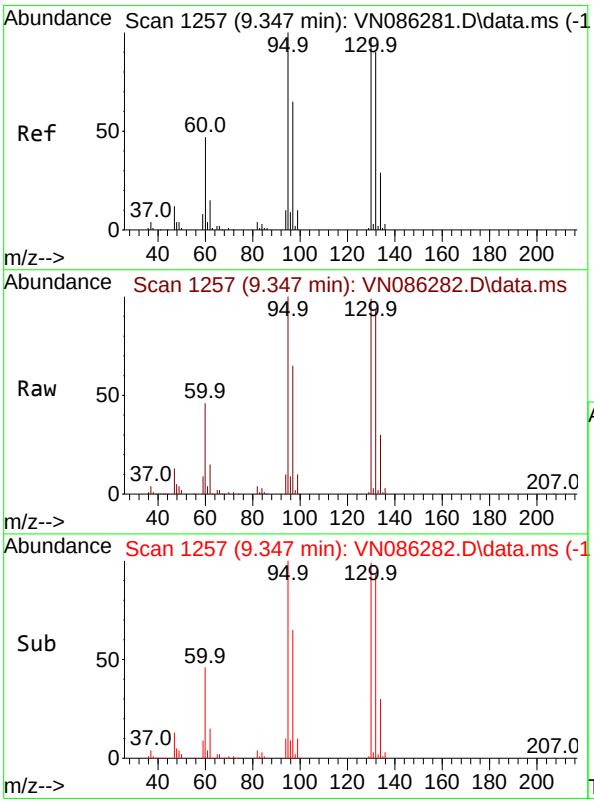
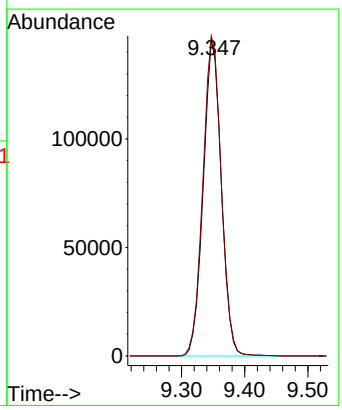
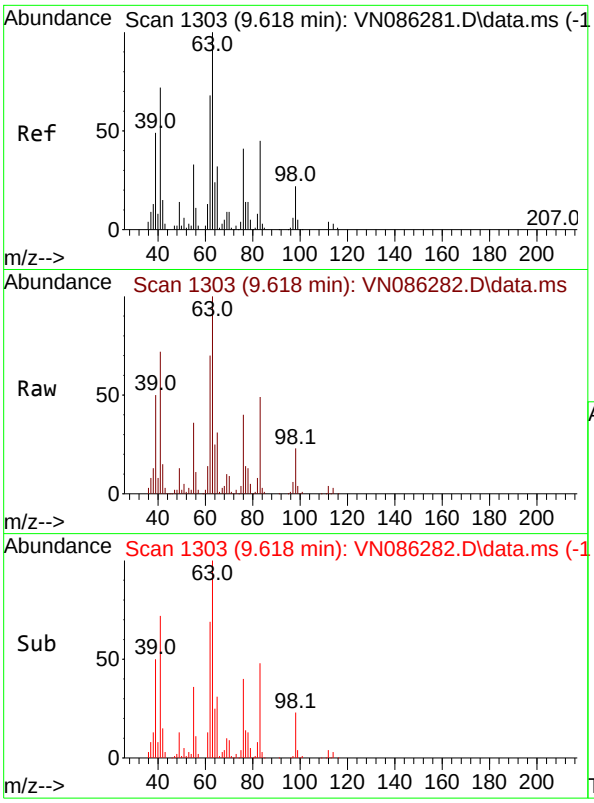


#44
Trichloroethene
Concen: 97.020 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:130 Resp: 288832

Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	207.2

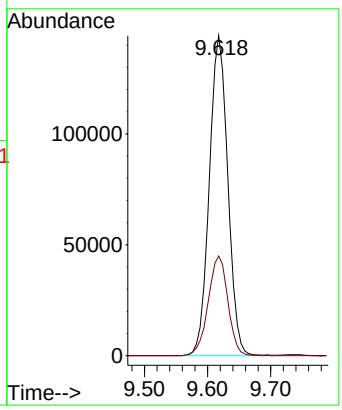




#45
1,2-Dichloropropane
Concen: 95.501 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 63 Resp: 29362

Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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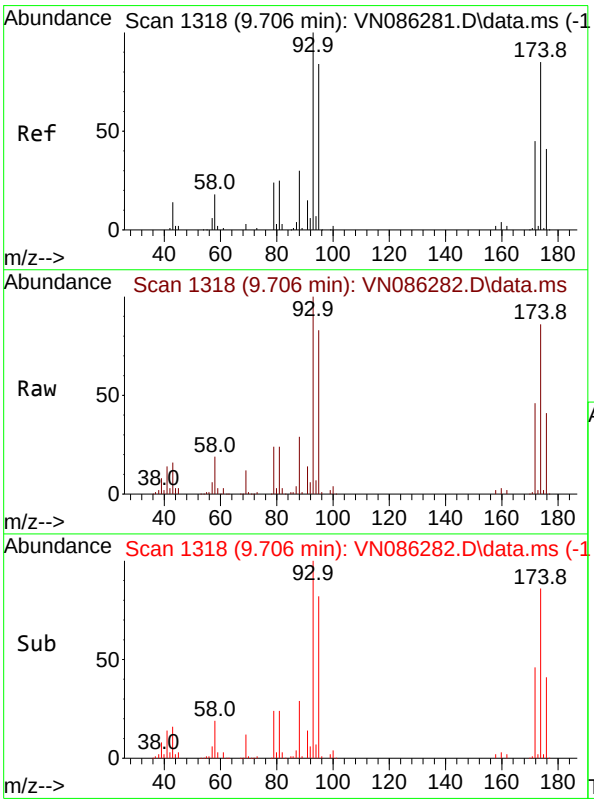
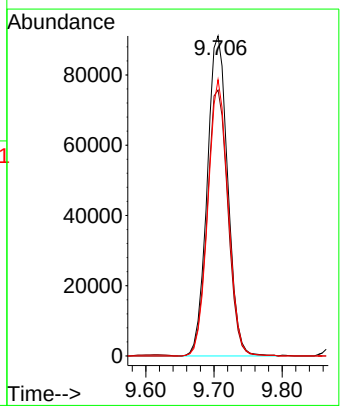
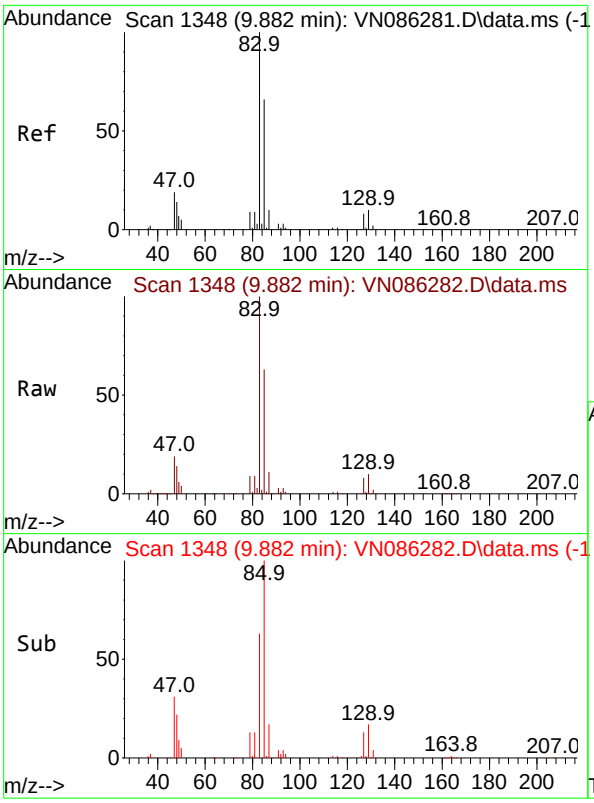


#46
Dibromomethane
Concen: 97.667 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 93 Resp: 191324

Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.2	99.4
174	84.6	67.8	101.6

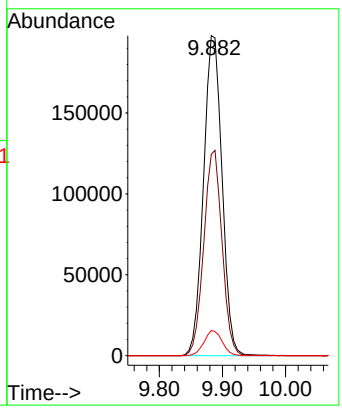




#47
Bromodichloromethane
Concen: 95.372 ug/l
RT: 9.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 83 Resp: 40351

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.6	78.8
127	7.9	6.1	9.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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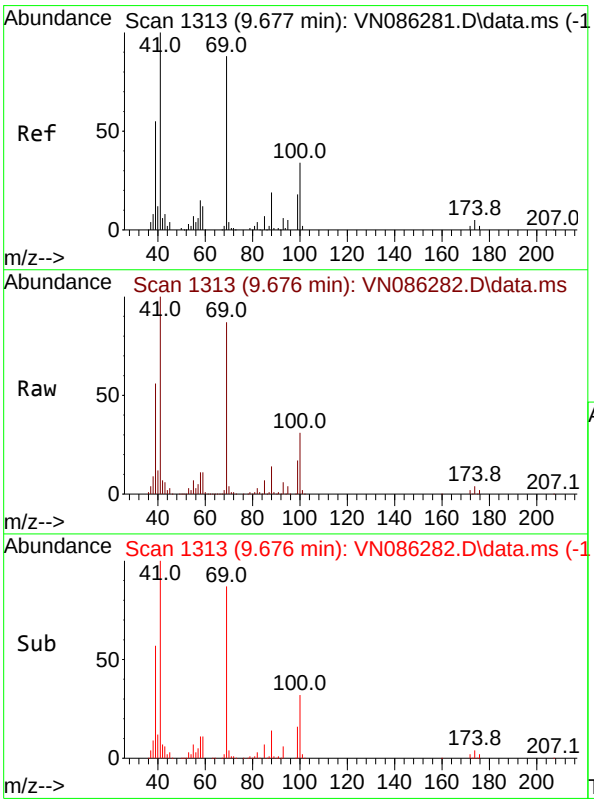
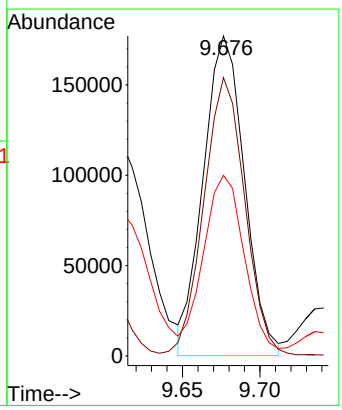
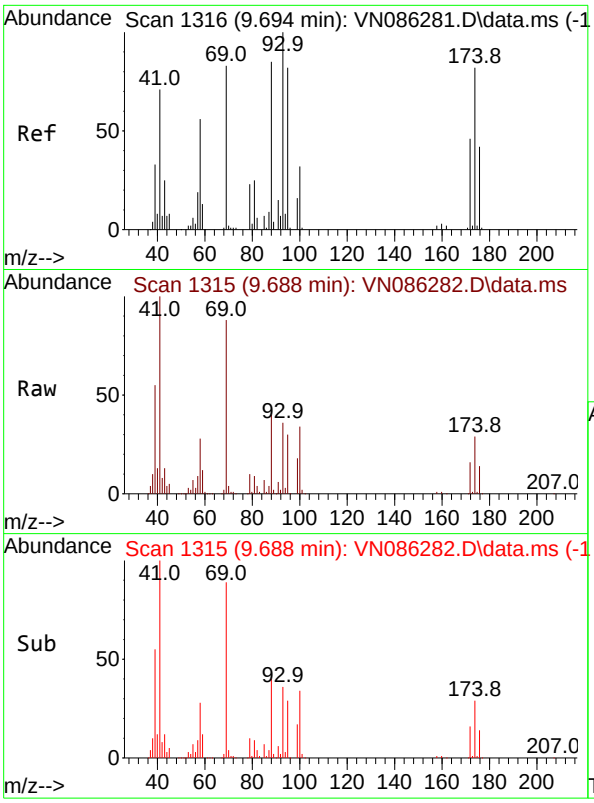


#48
Methyl methacrylate
Concen: 90.052 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 41 Resp: 326384

Ion	Ratio	Lower	Upper
41	100		
69	87.1	68.2	102.2
39	57.0	45.2	67.8

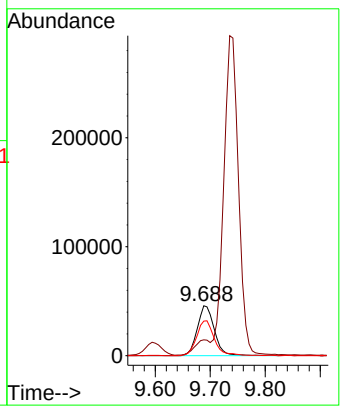




#49
1,4-Dioxane
Concen: 1601.137 ug/l
RT: 9.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 88 Resp: 9871

Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.8	35.8
58	73.1	57.4	86.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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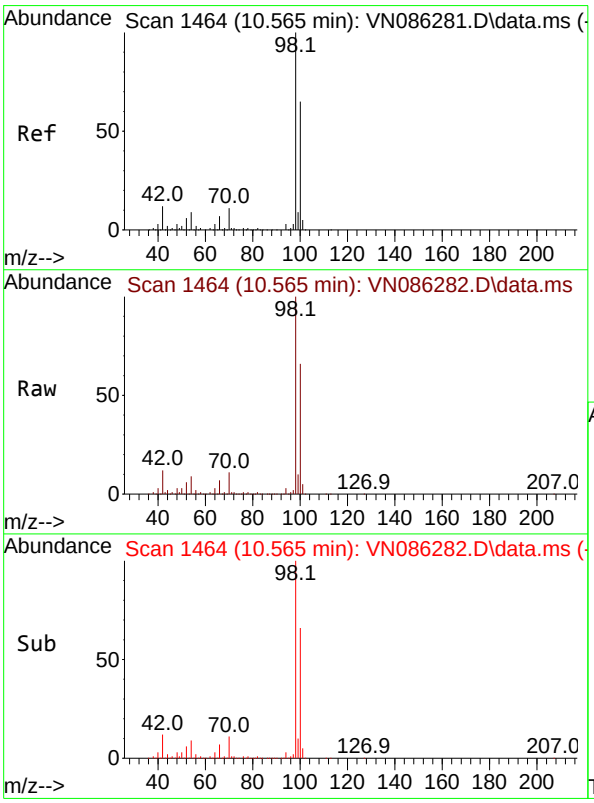
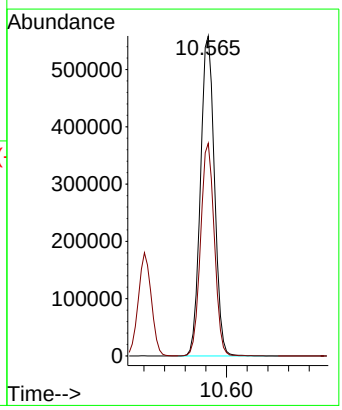
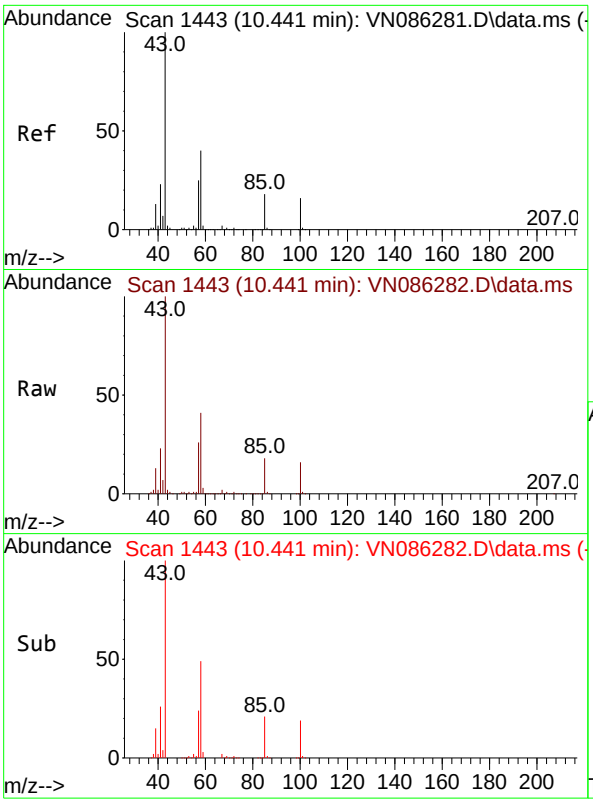


#50
Toluene-d8
Concen: 99.767 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 98 Resp: 1046538

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.5	78.7

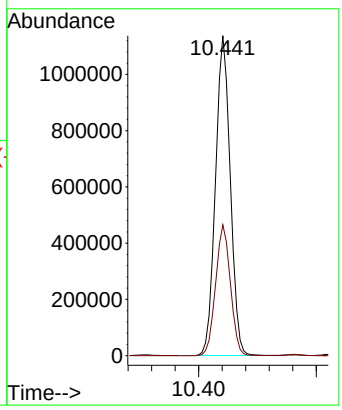




#51
4-Methyl-2-Pentanone
Concen: 470.803 ug/l
RT: 10.441 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 198976

Ion	Ratio	Lower	Upper
43	100		
58	40.8	32.2	48.4



Instrument :
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ClientSampleId :
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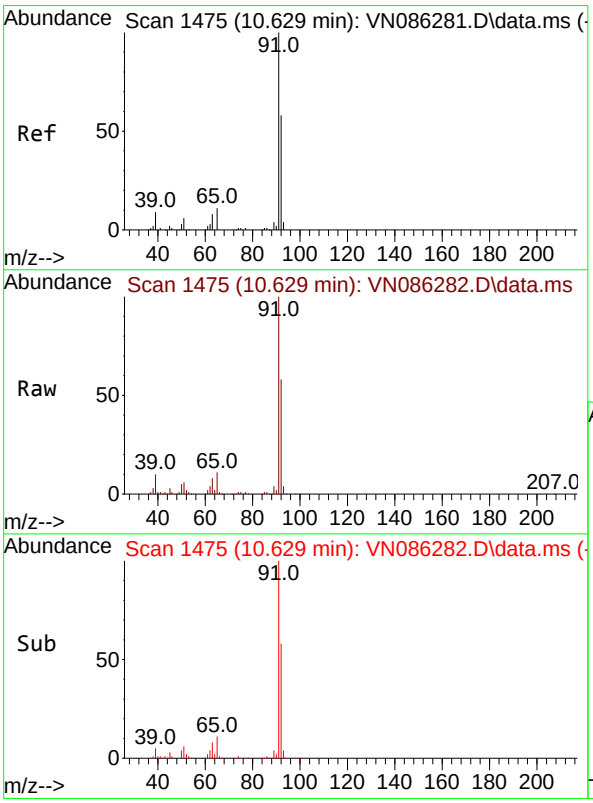
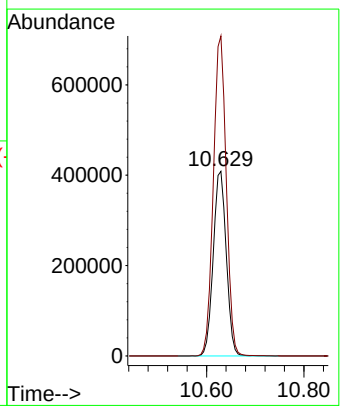
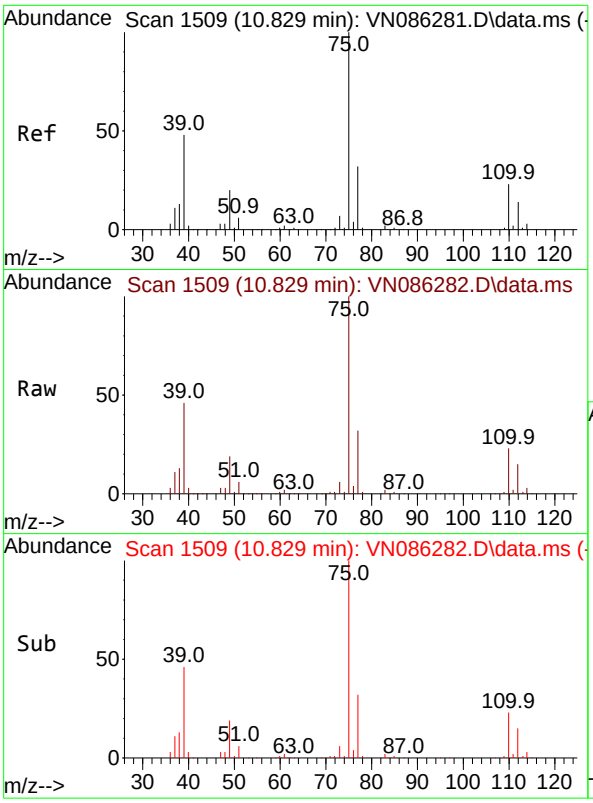


#52
Toluene
Concen: 96.592 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 92 Resp: 757019

Ion	Ratio	Lower	Upper
92	100		
91	171.5	137.3	205.9





#53
t-1,3-Dichloropropene
Concen: 99.248 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 75 Resp: 46873

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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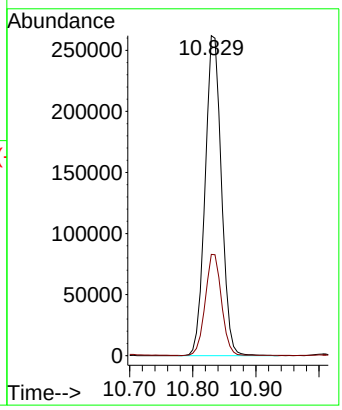
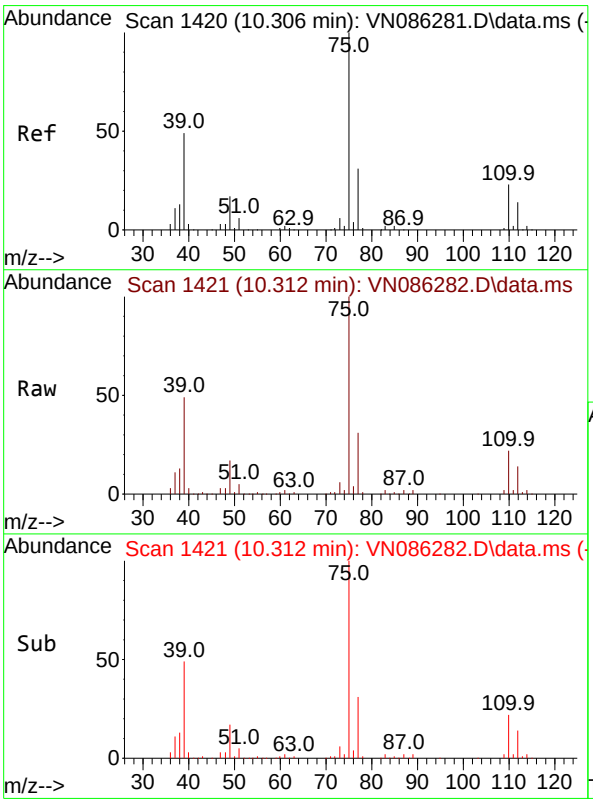
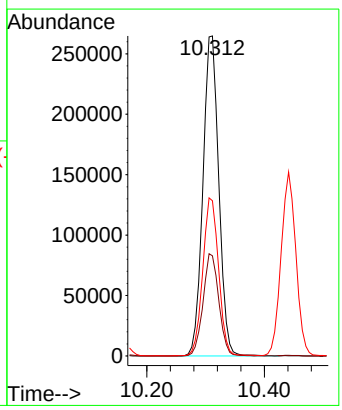


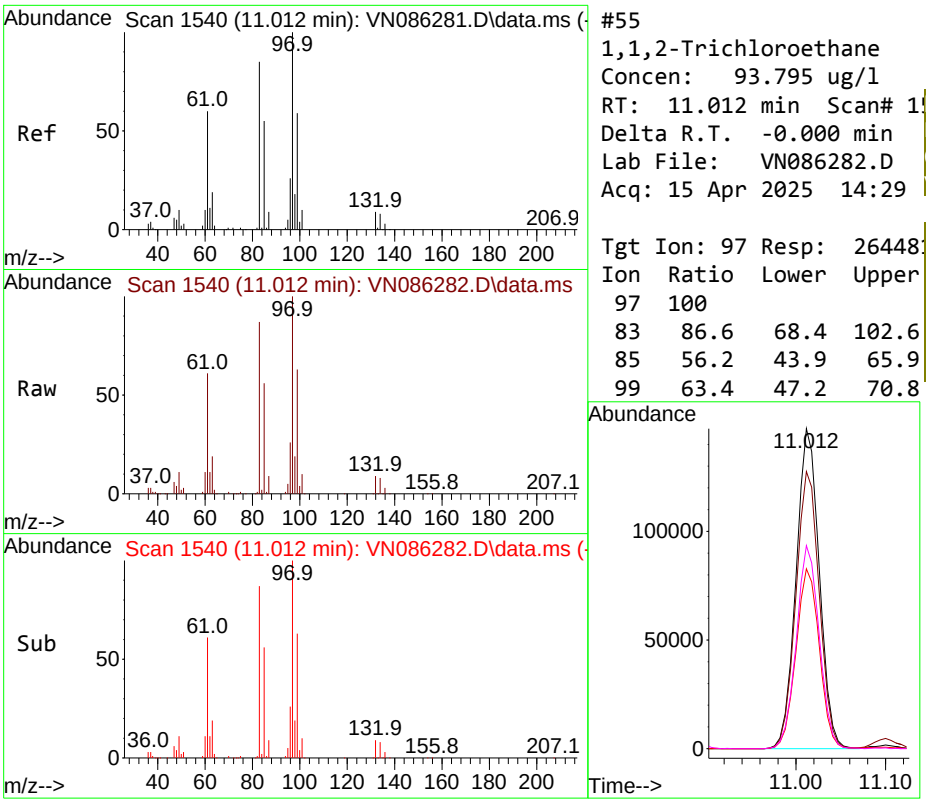


#54
cis-1,3-Dichloropropene
Concen: 95.755 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 75 Resp: 496721

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.2	37.8
39	48.4	39.3	58.9





#55
1,1,2-Trichloroethane
Concen: 93.795 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 97 Resp: 26448

Ion	Ratio	Lower	Upper
97	100		
83	86.6	68.4	102.6
85	56.2	43.9	65.9
99	63.4	47.2	70.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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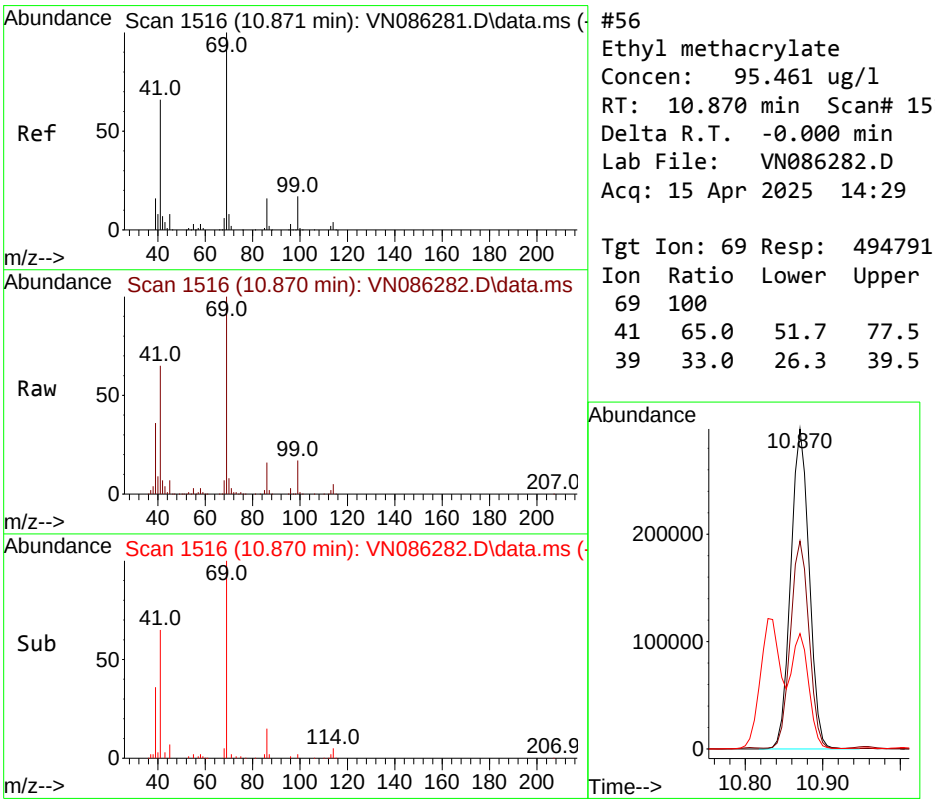
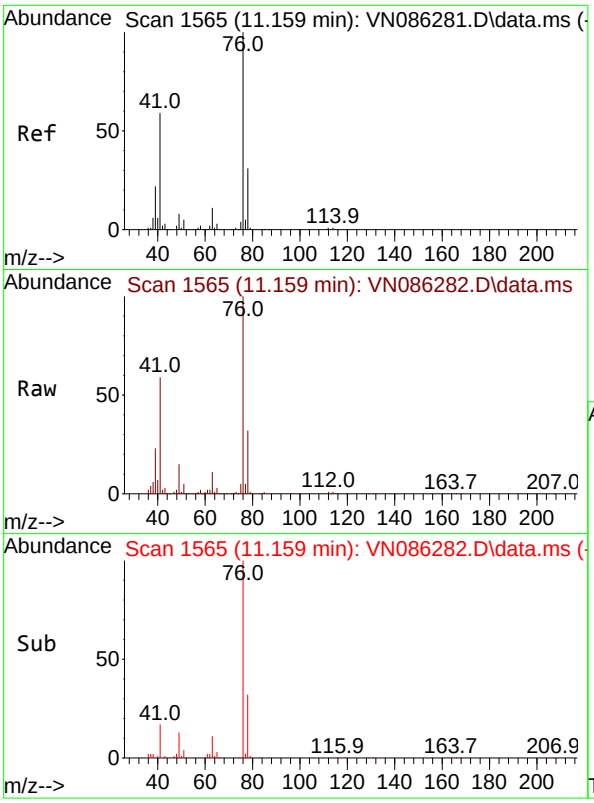


#56
Ethyl methacrylate
Concen: 95.461 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 69 Resp: 494791

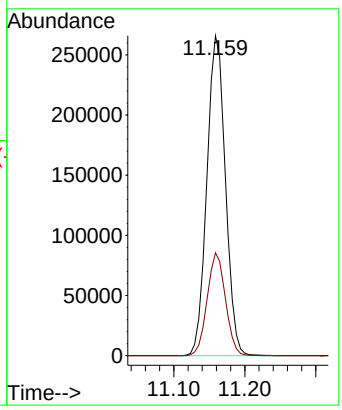
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.7	77.5
39	33.0	26.3	39.5



#57
1,3-Dichloropropane
Concen: 96.455 ug/l
RT: 11.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 76 Resp: 48256

Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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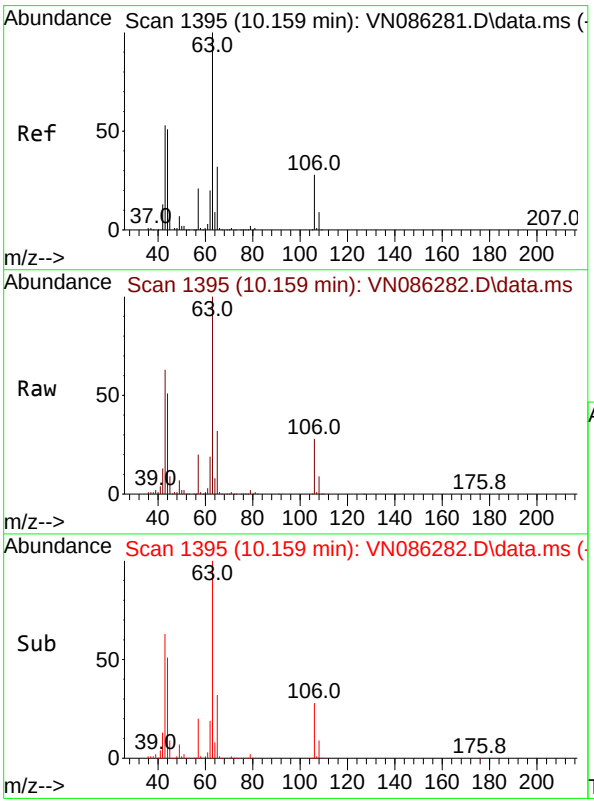
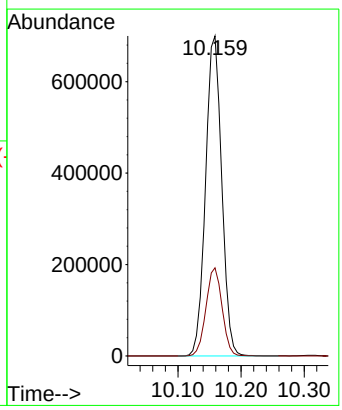
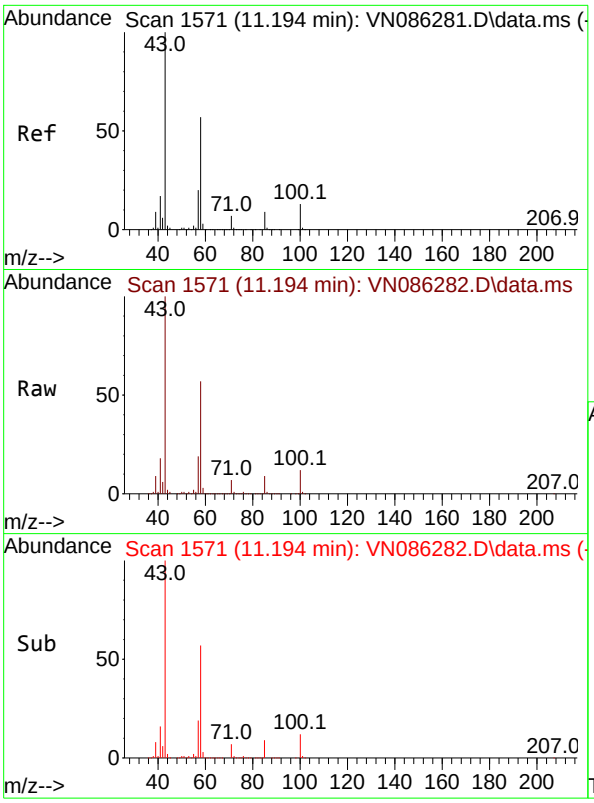


#58
2-Chloroethyl Vinyl ether
Concen: 505.011 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 63 Resp: 1242387

Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.2	33.2





#59
2-Hexanone
Concen: 470.996 ug/l
RT: 11.194 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 147647

Ion	Ratio	Lower	Upper
43	100		
58	57.0	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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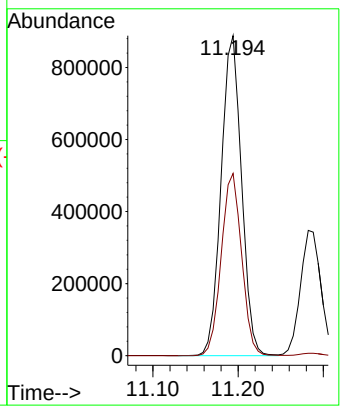
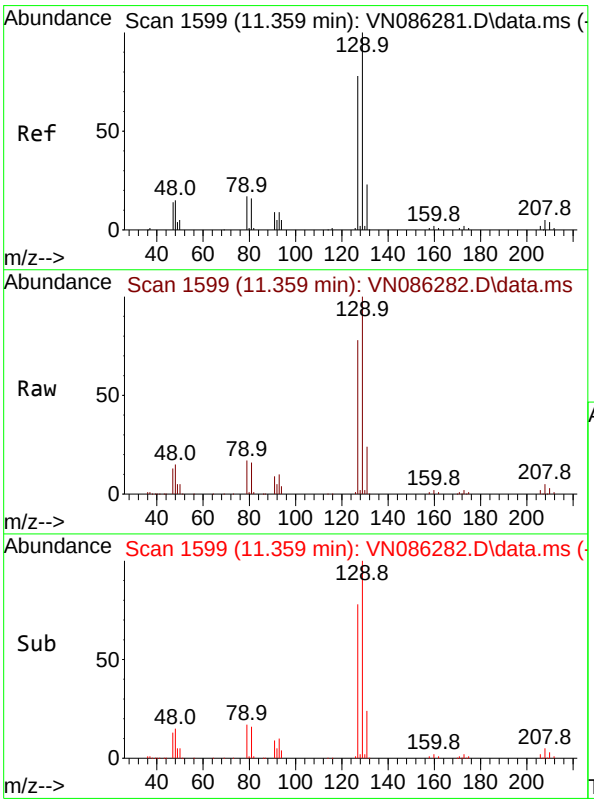
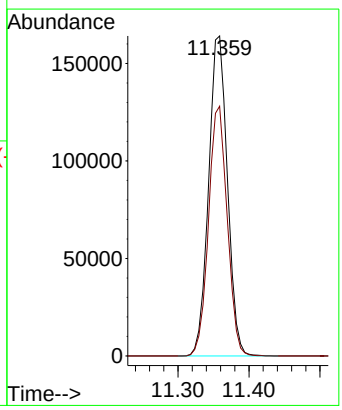


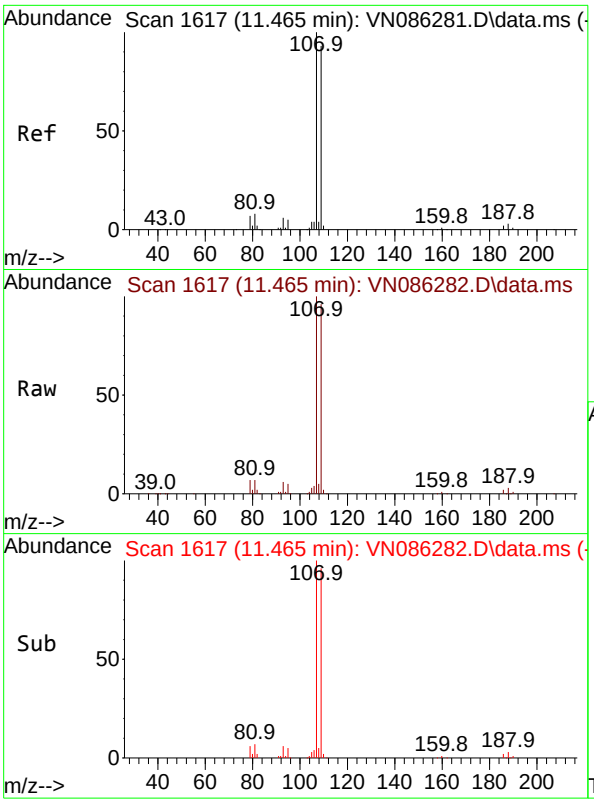


#60
Dibromochloromethane
Concen: 97.371 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:129 Resp: 301498

Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.7	116.1





#61
1,2-Dibromoethane
Concen: 96.156 ug/l
RT: 11.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:107 Resp: 27358

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.4	113.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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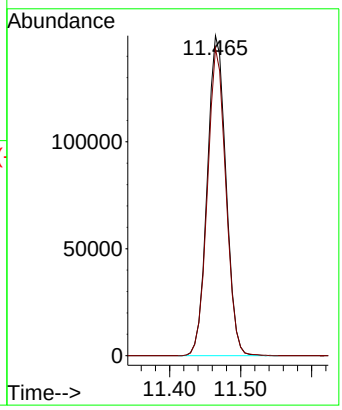
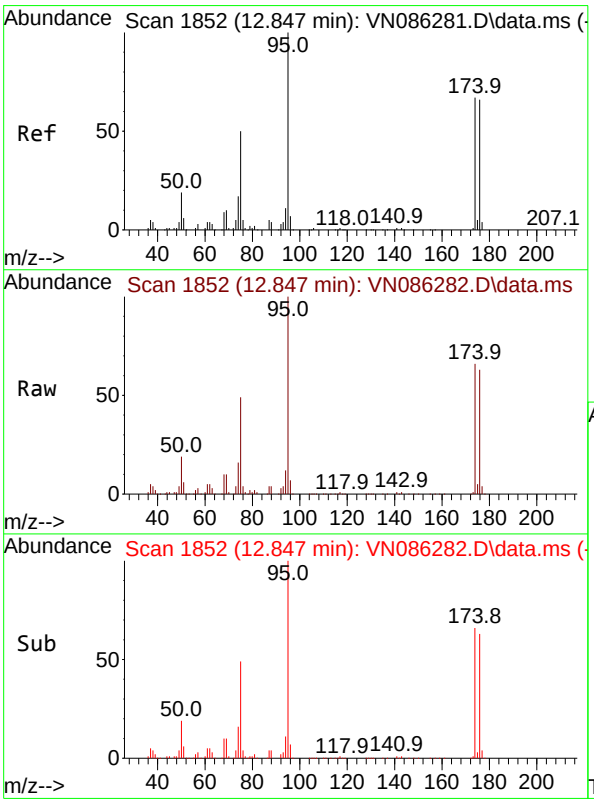
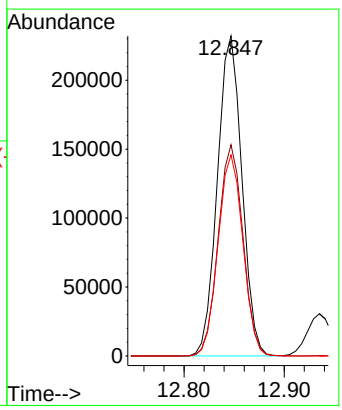


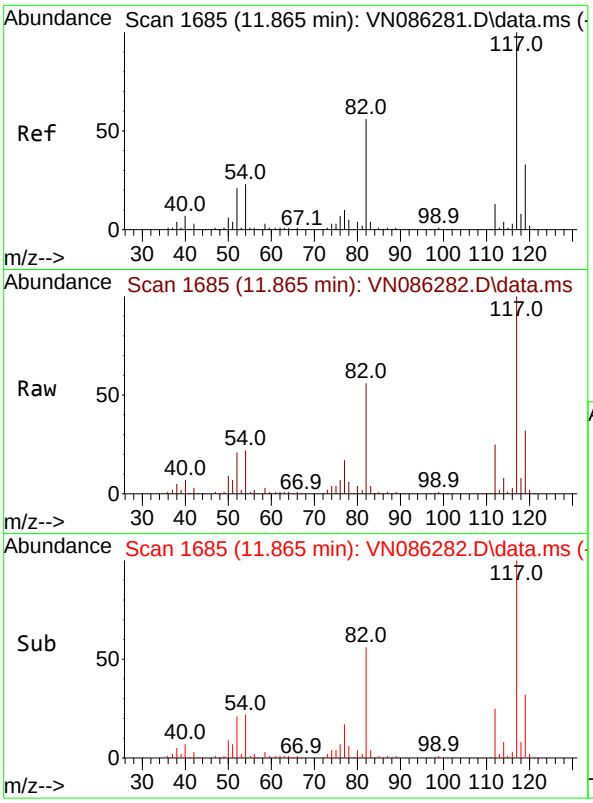


#62
4-Bromofluorobenzene
Concen: 103.153 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 95 Resp: 394671

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	133.4
176	63.6	0.0	129.2

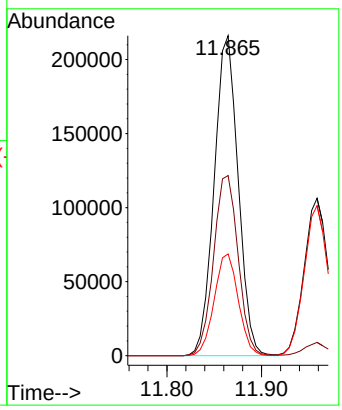




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:117 Resp: 38027

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.7	67.1
119	31.8	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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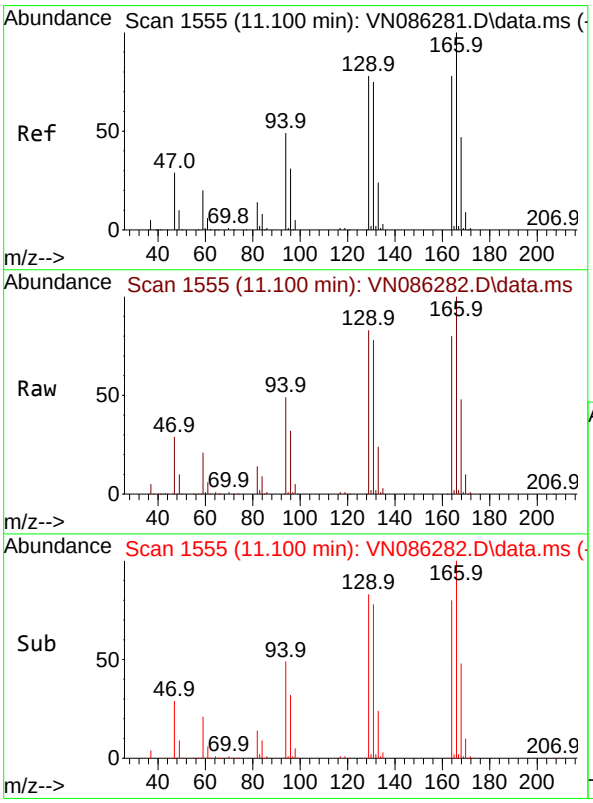
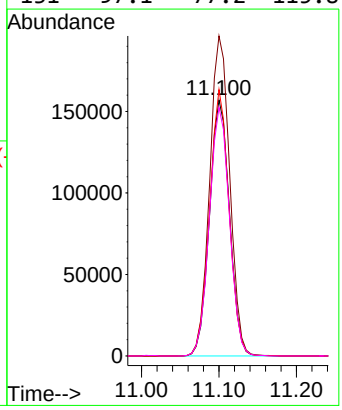
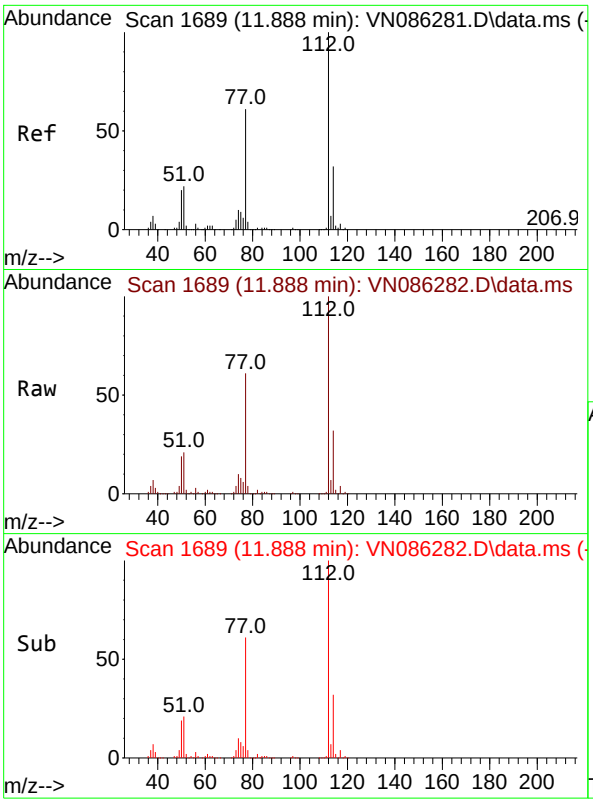


#64
Tetrachloroethene
Concen: 96.294 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:164 Resp: 281669

Ion	Ratio	Lower	Upper
164	100		
166	125.1	103.0	154.4
129	104.1	80.1	120.1
131	97.1	77.2	115.8

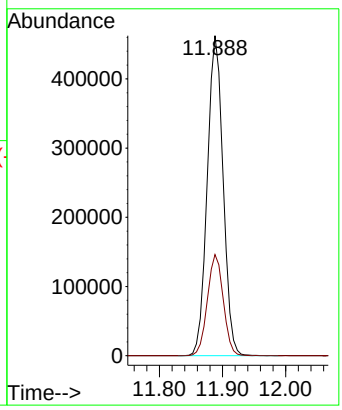




#65
Chlorobenzene
Concen: 94.881 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:112 Resp: 80519

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.4	38.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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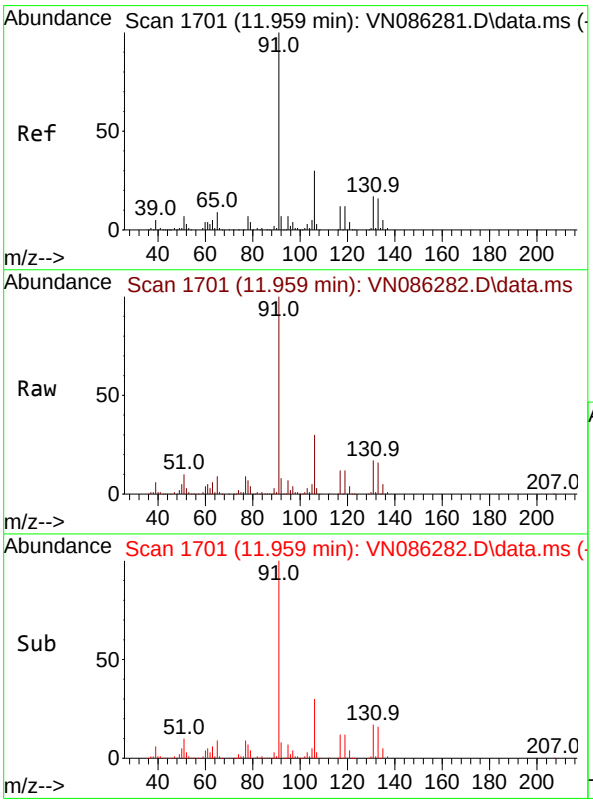
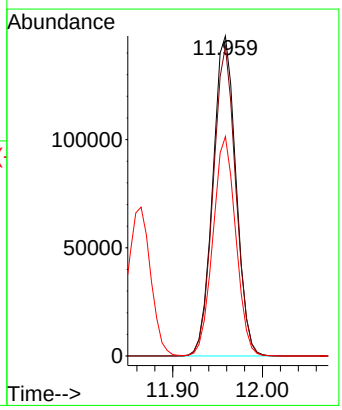
Supervised By :Semsettin Yesilyurt 04/16/2025

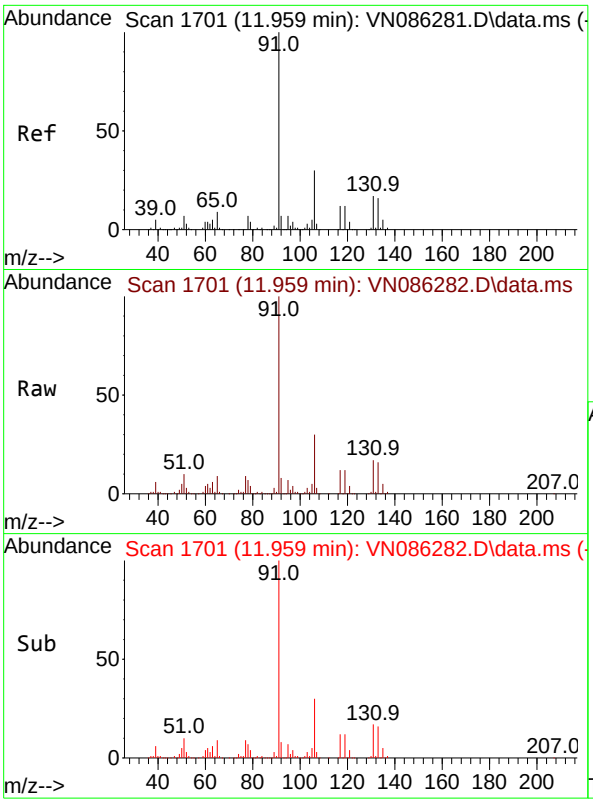


#66
1,1,1,2-Tetrachloroethane
Concen: 94.488 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:131 Resp: 264532

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.1	141.3
119	67.6	33.8	101.4

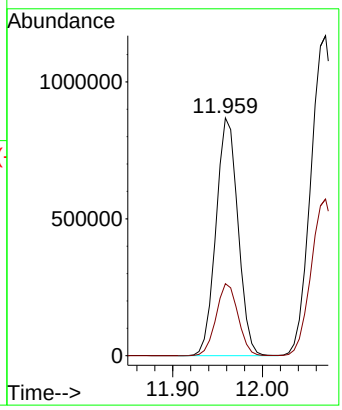




#67
Ethyl Benzene
Concen: 96.398 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 91 Resp: 147623

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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Reviewed By :John Carlone 04/16/2025
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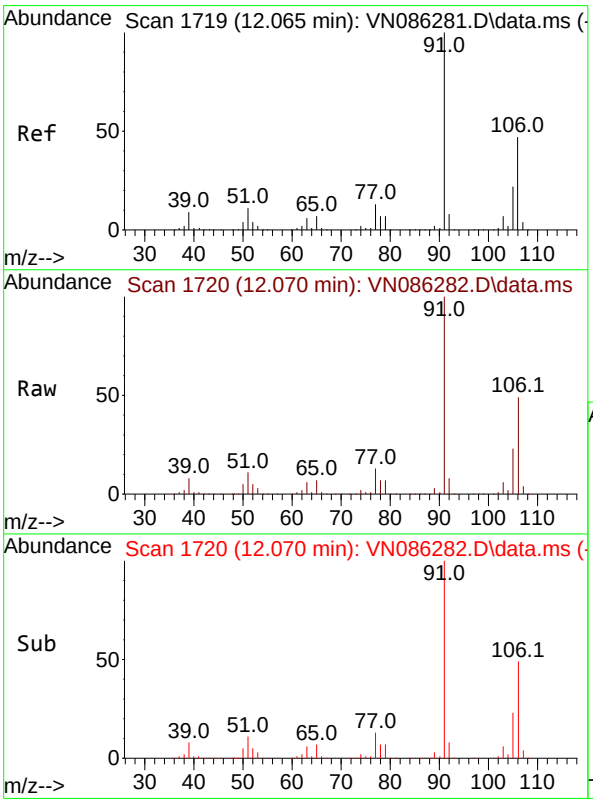
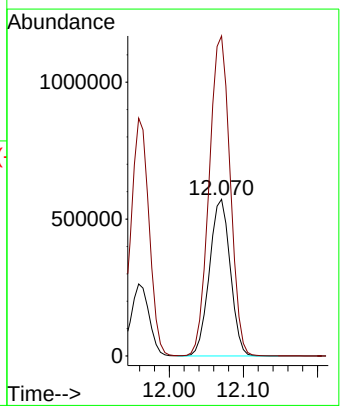
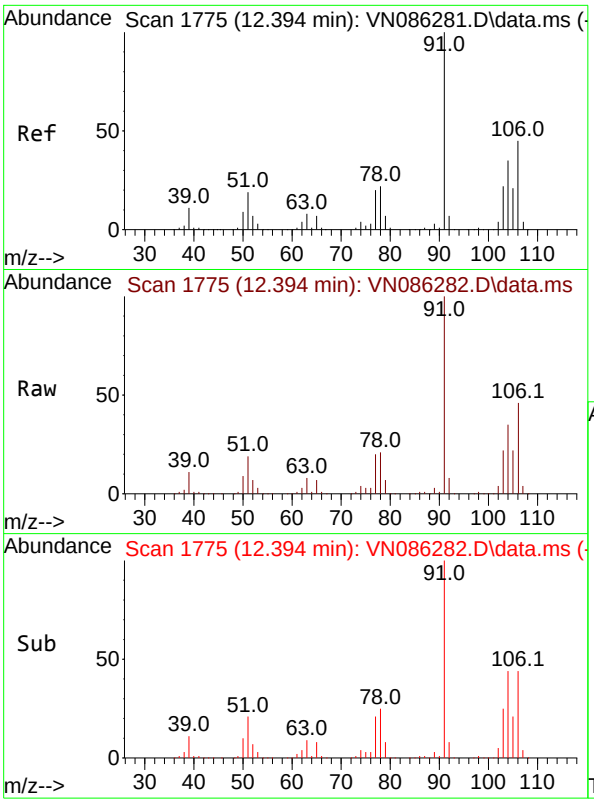


#68
m/p-Xylenes
Concen: 194.681 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:106 Resp: 1117098

Ion	Ratio	Lower	Upper
106	100		
91	205.7	166.5	249.7

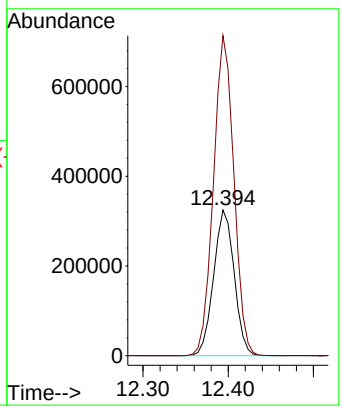




#69
o-Xylene
Concen: 96.221 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:106 Resp: 54601

Ion	Ratio	Lower	Upper
106	100		
91	218.3	109.7	329.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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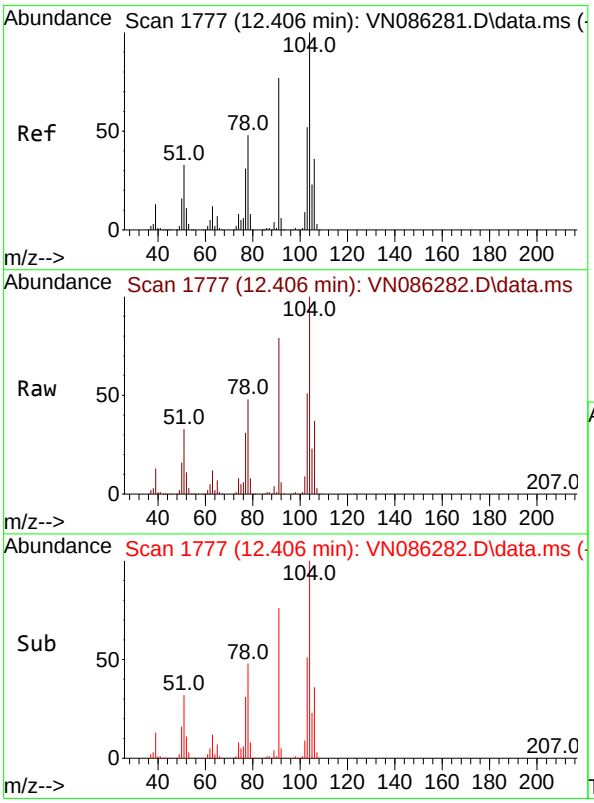
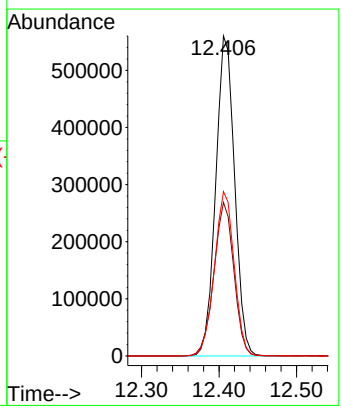
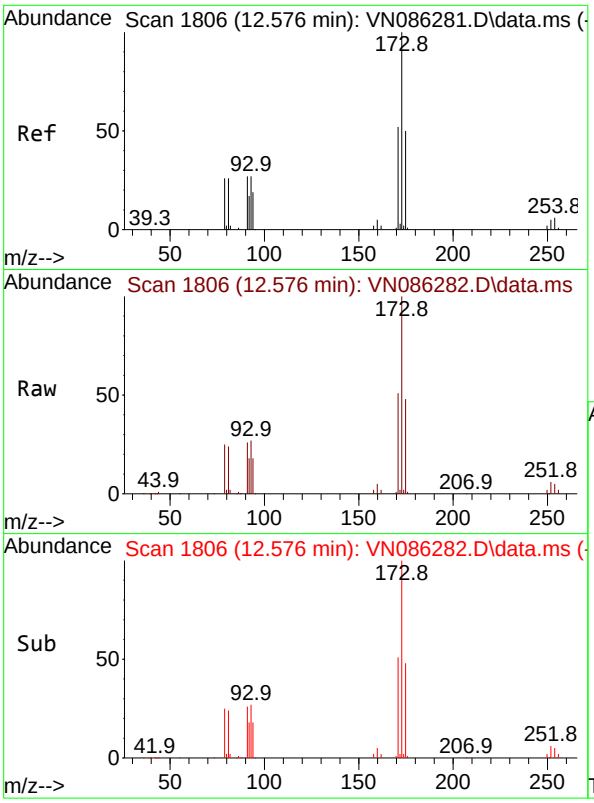


#70
Styrene
Concen: 100.188 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:104 Resp: 947293

Ion	Ratio	Lower	Upper
104	100		
78	50.7	40.6	61.0
103	54.0	43.6	65.4

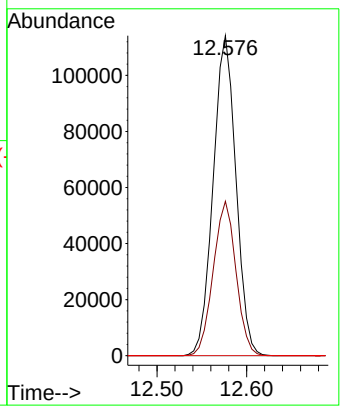




#71
Bromoform
Concen: 95.410 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:173 Resp: 20111

Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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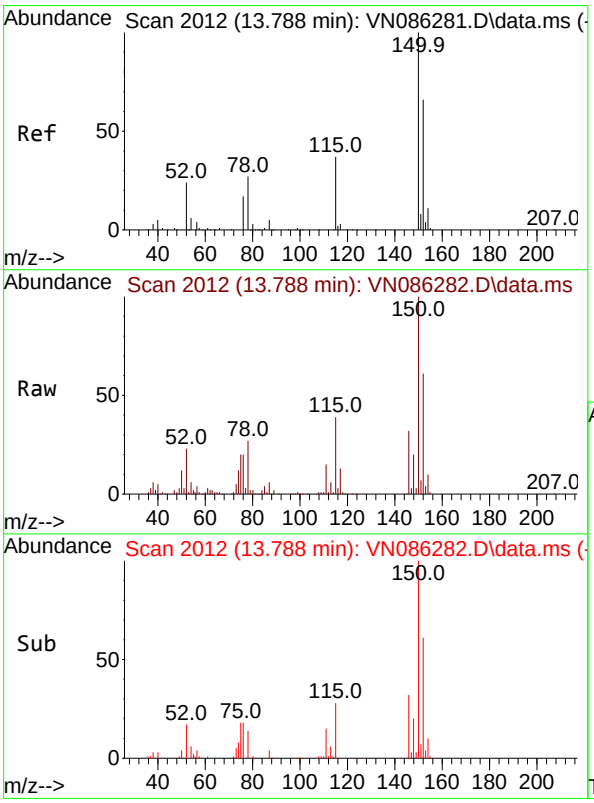
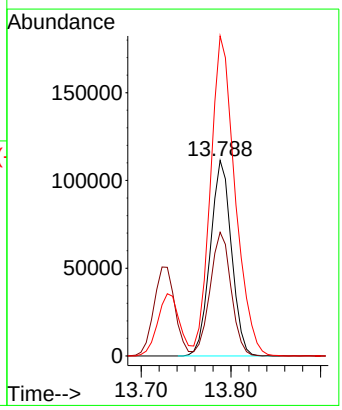
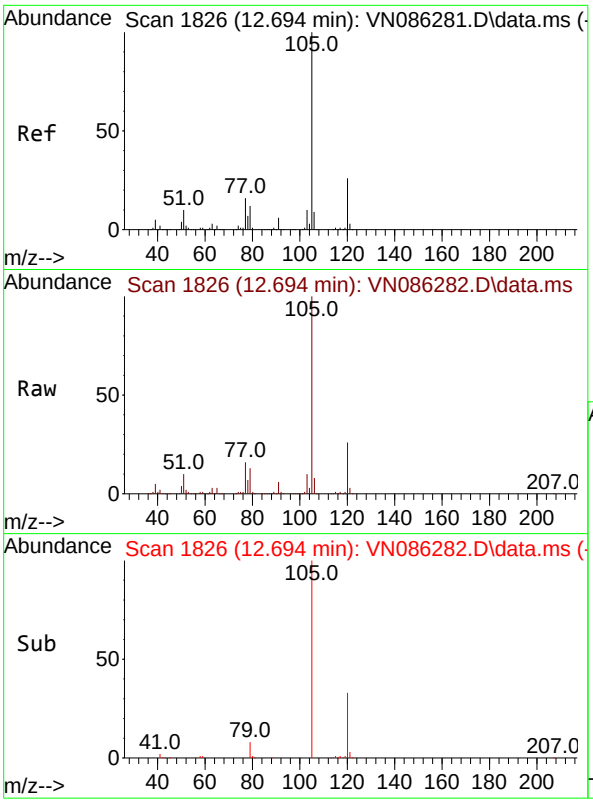


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:152 Resp: 182297

Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.9	95.9
150	189.5	0.0	352.0

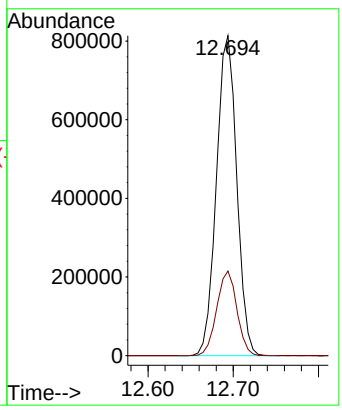




#73
Isopropylbenzene
Concen: 90.597 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:105 Resp: 135100

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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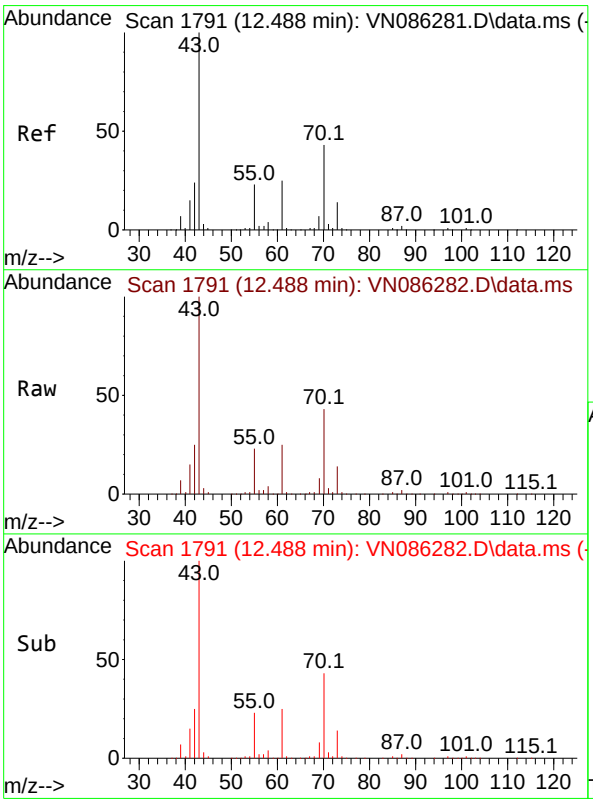
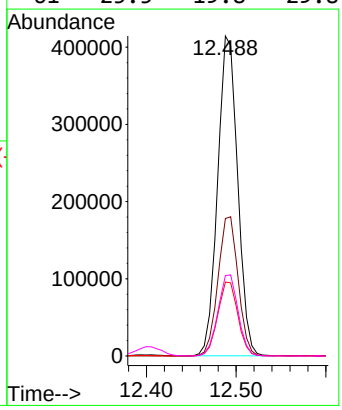
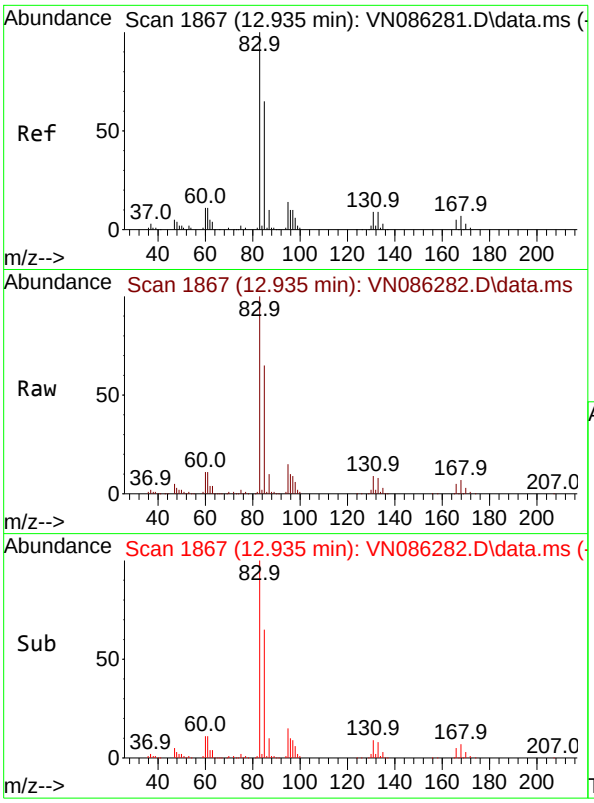


#74
N-amyl acetate
Concen: 86.431 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 43 Resp: 641647

Ion	Ratio	Lower	Upper
43	100		
70	43.9	35.0	52.4
55	23.4	19.0	28.4
61	25.5	19.8	29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 83.793 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 83 Resp: 35927

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	64.5	32.7	98.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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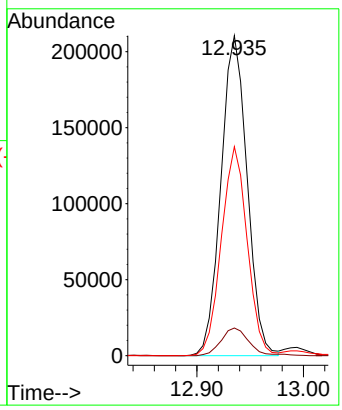
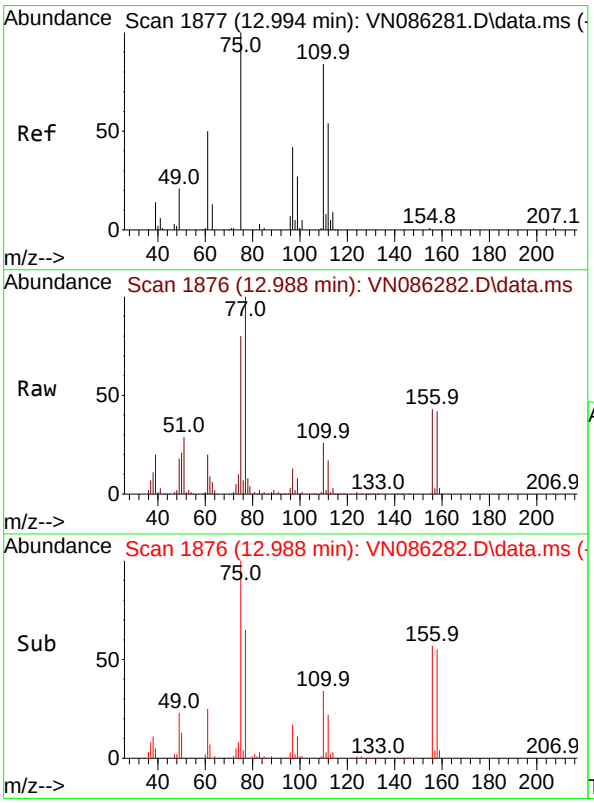
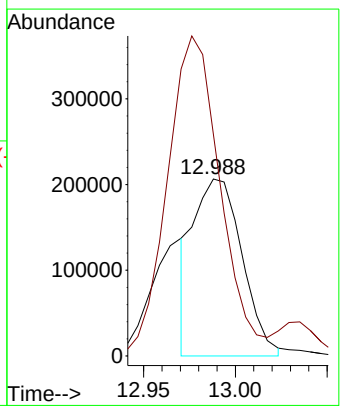


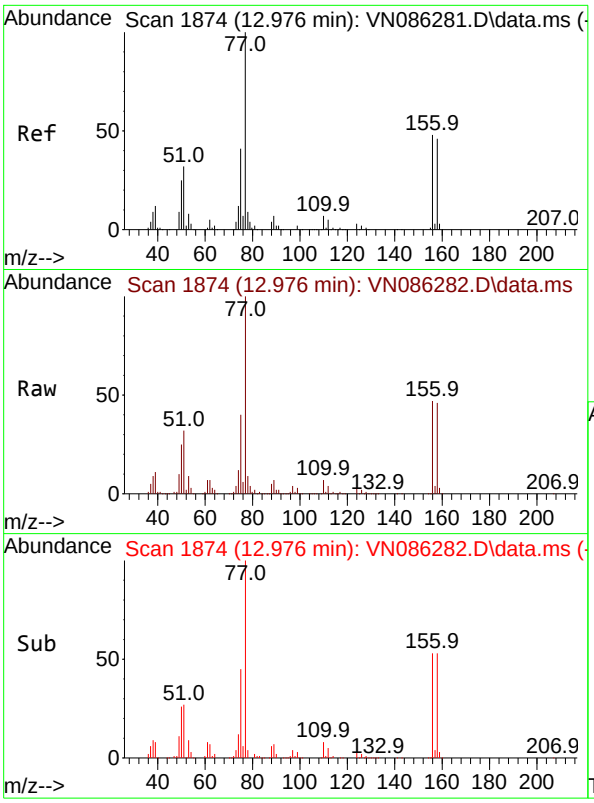


#76
1,2,3-Trichloropropane
Concen: 88.555 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 75 Resp: 379247

Ion	Ratio	Lower	Upper
75	100		
77	198.0	98.8	296.4

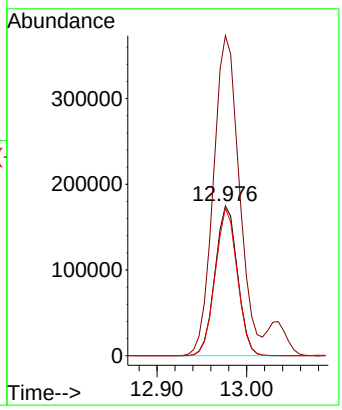




#77
Bromobenzene
Concen: 91.913 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:156 Resp: 30369

Ion	Ratio	Lower	Upper
156	100		
77	247.3	121.1	363.1
158	96.6	47.9	143.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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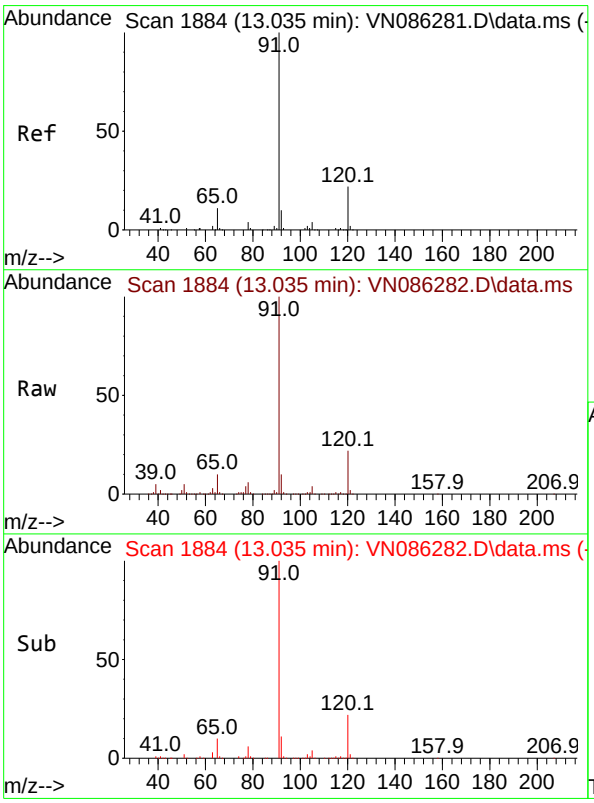
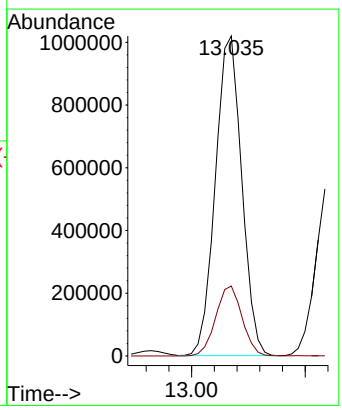
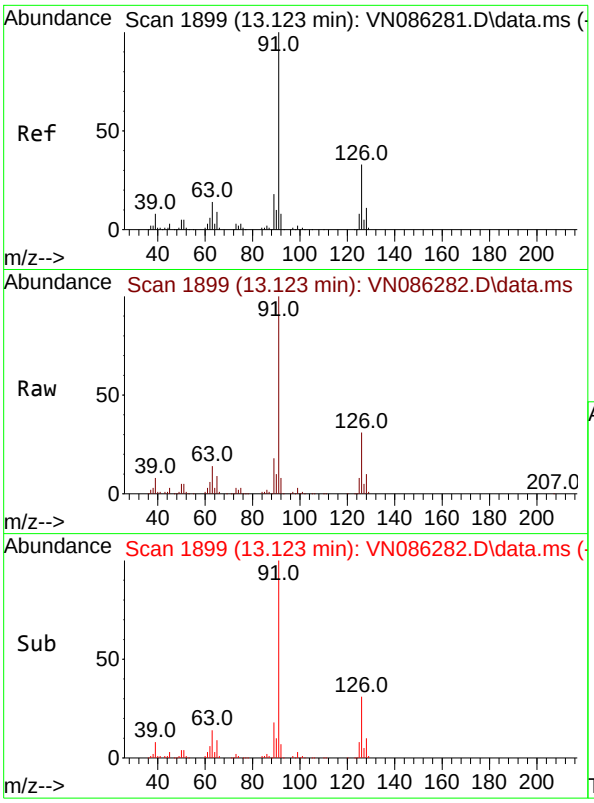


#78
n-propylbenzene
Concen: 93.386 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 91 Resp: 1640989

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.3

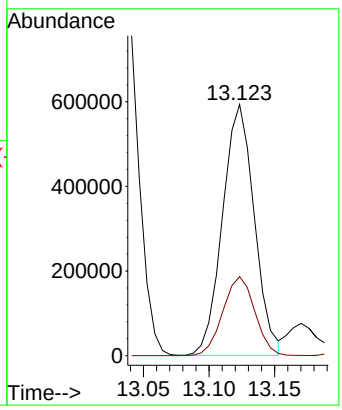




#79
2-Chlorotoluene
Concen: 91.031 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 91 Resp: 100094

Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.1	48.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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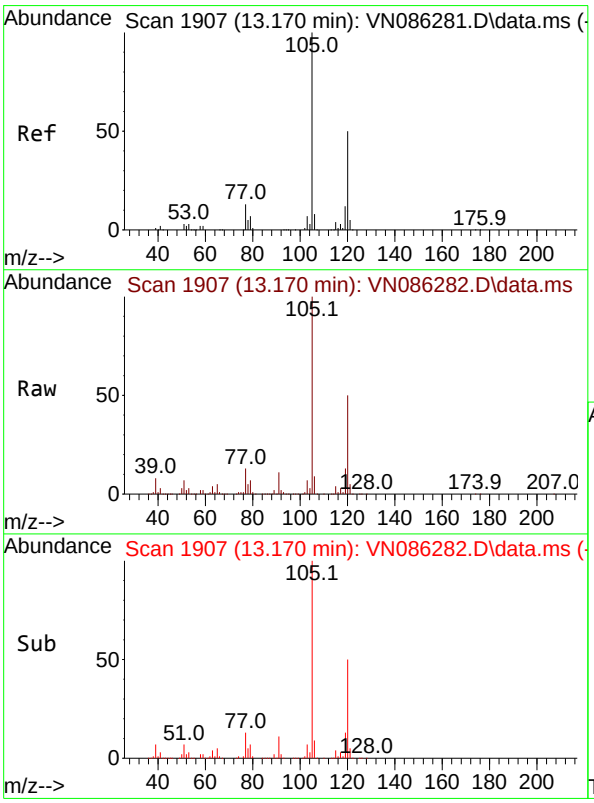
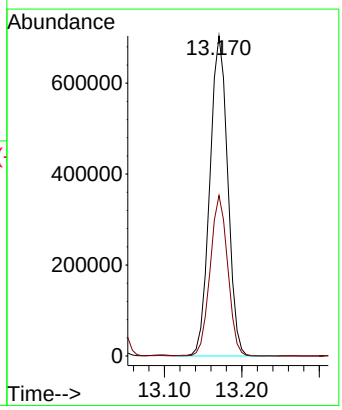
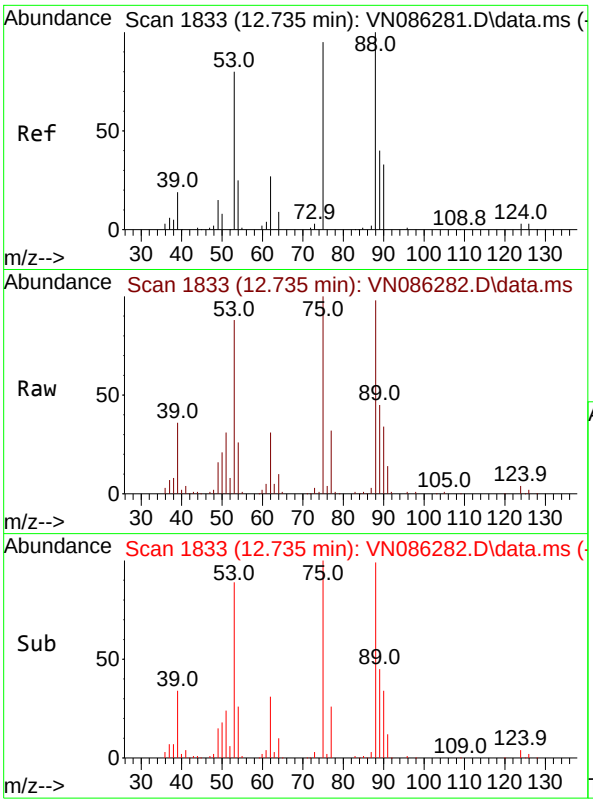


#80
1,3,5-Trimethylbenzene
Concen: 92.254 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:105 Resp: 1125981

Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 98.197 ug/l m
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 75 Resp: 17588

Ion	Ratio	Lower	Upper
75	100		
53	96.2	79.2	118.8
89	42.8	35.7	53.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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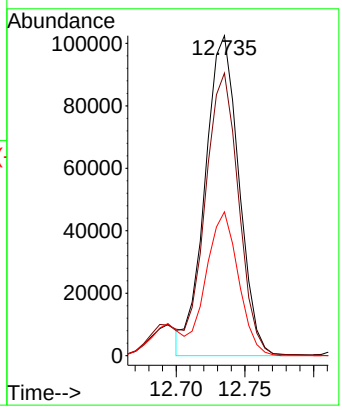
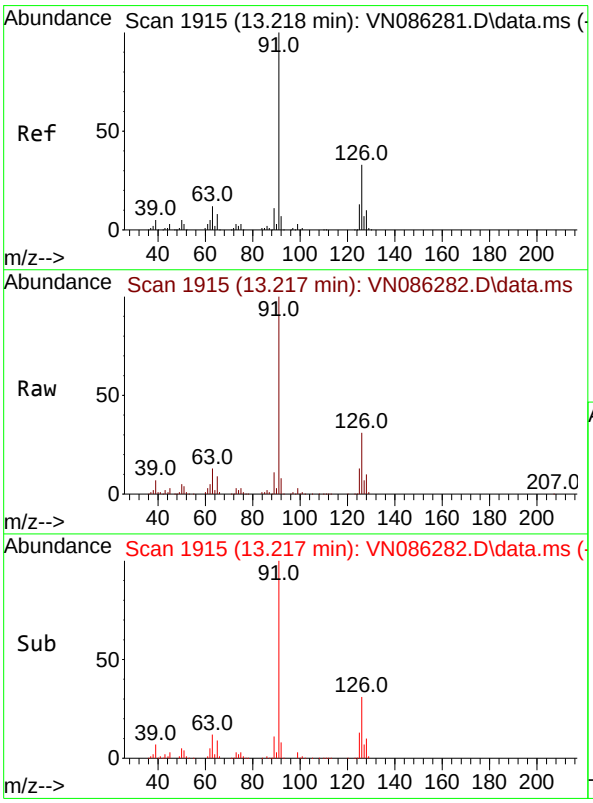
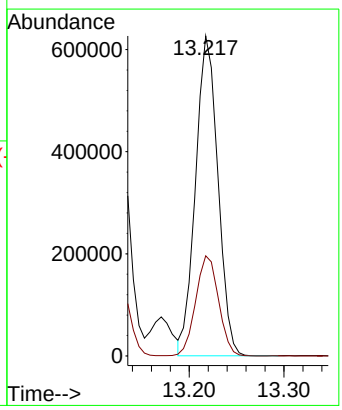


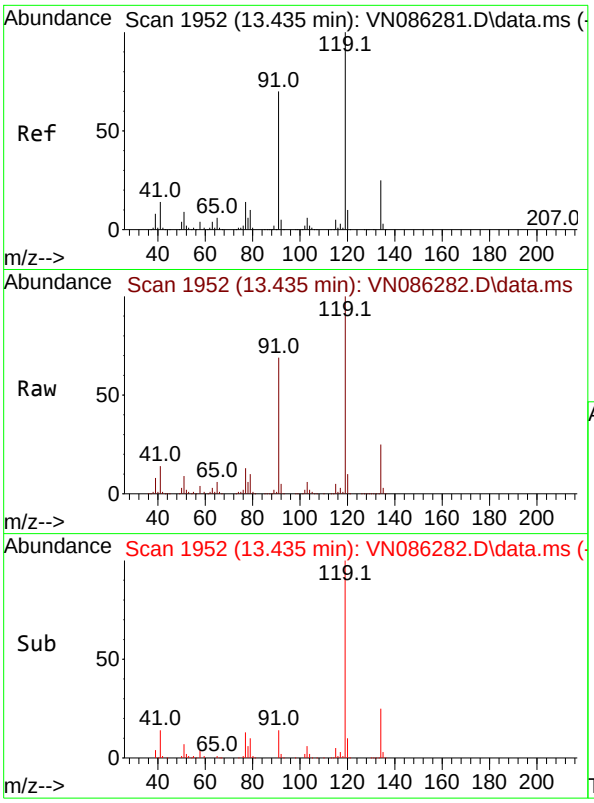


#82
4-Chlorotoluene
Concen: 93.852 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 91 Resp: 1025113

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.6

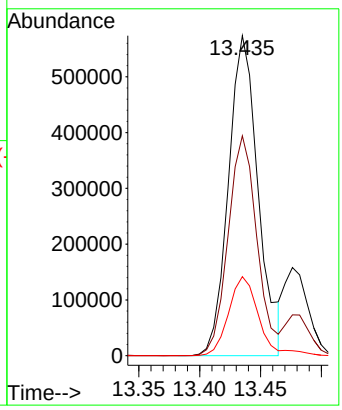




#83
tert-Butylbenzene
Concen: 92.219 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:119 Resp: 97526

Ion	Ratio	Lower	Upper
119	100		
91	66.8	34.4	103.3
134	25.1	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

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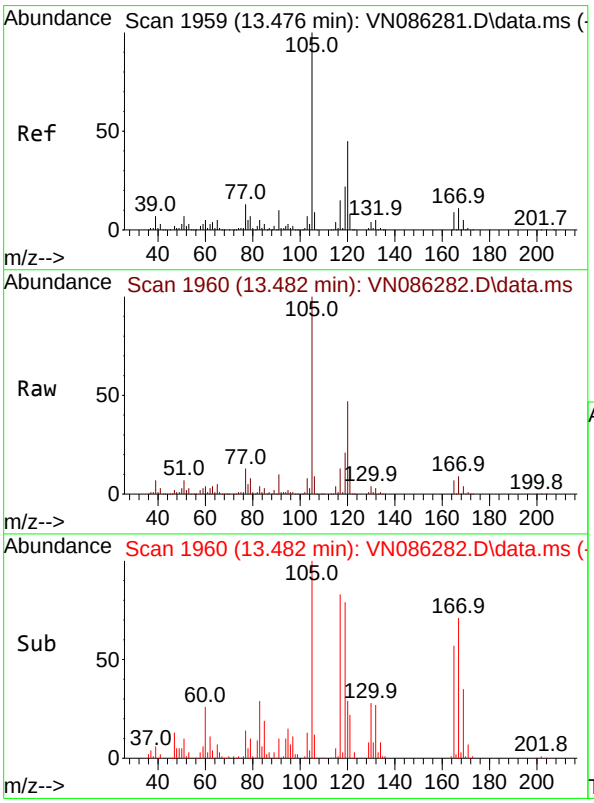
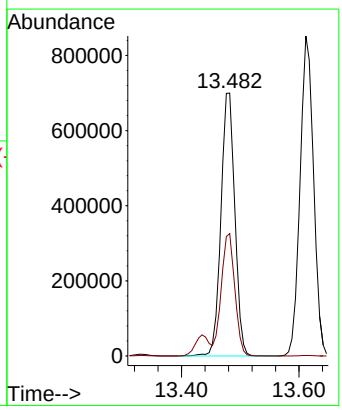
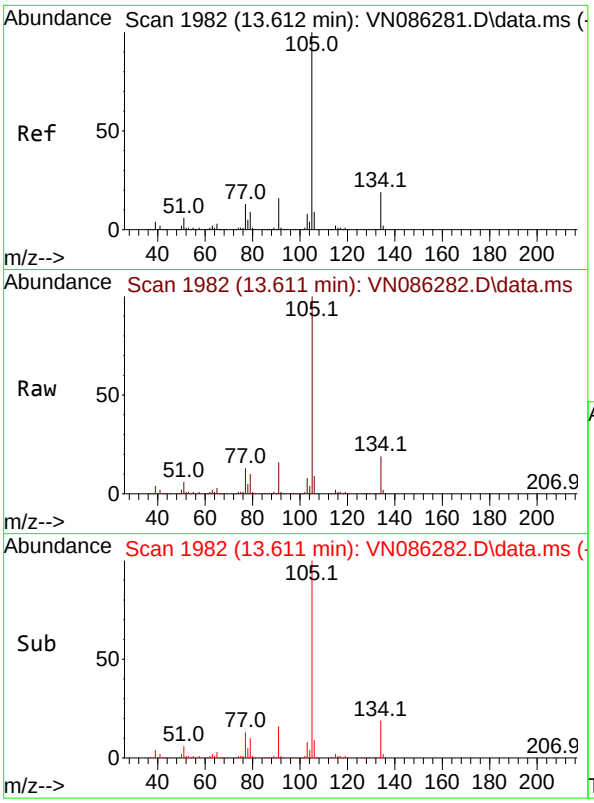


#84
1,2,4-Trimethylbenzene
Concen: 92.628 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:105 Resp: 1150791

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3

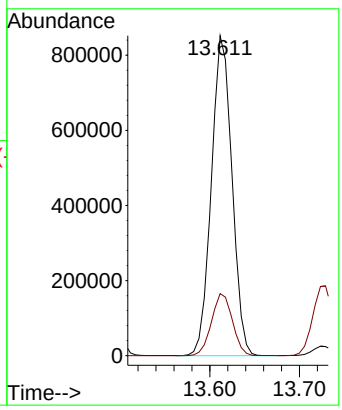




#85
sec-Butylbenzene
Concen: 92.684 ug/l
RT: 13.611 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:105 Resp: 135958

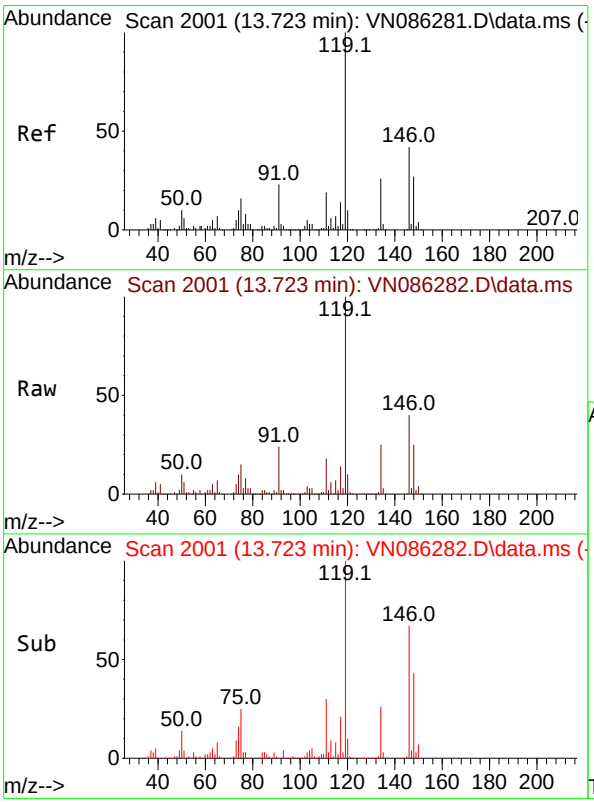
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	29.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

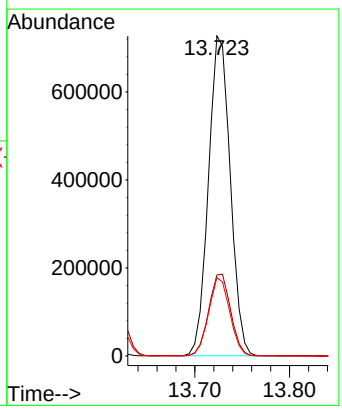
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

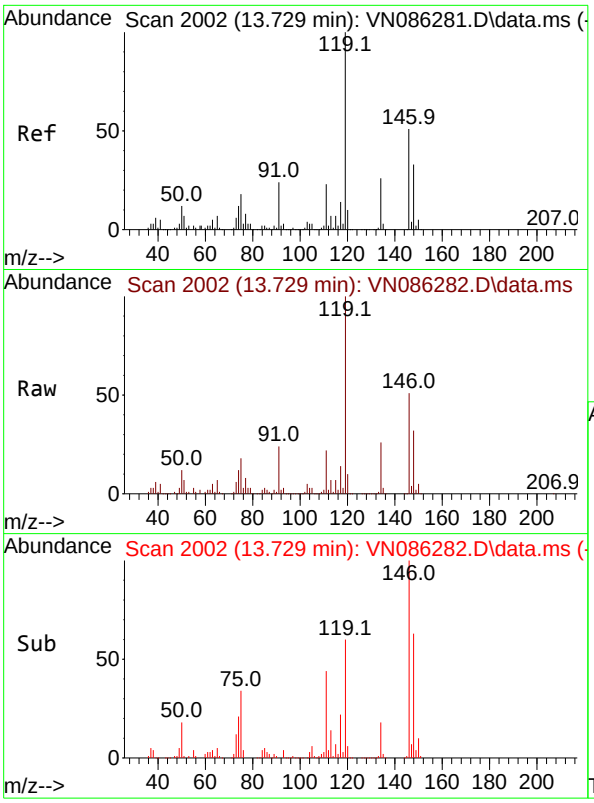


#86
p-Isopropyltoluene
Concen: 96.040 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:119 Resp: 1161224

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	23.8	11.9	35.9

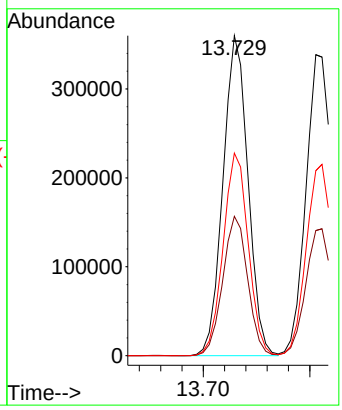




#87
1,3-Dichlorobenzene
Concen: 94.402 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:146 Resp: 58636

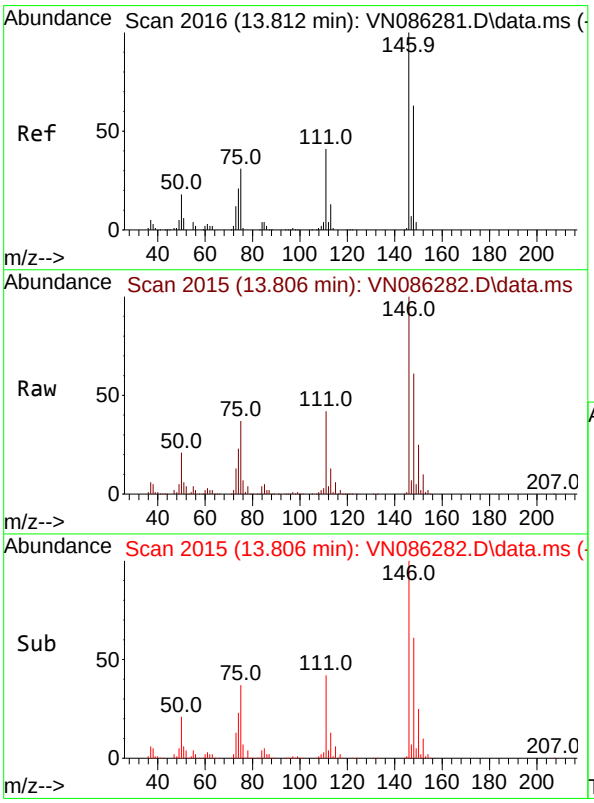
Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.7
148	63.6	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

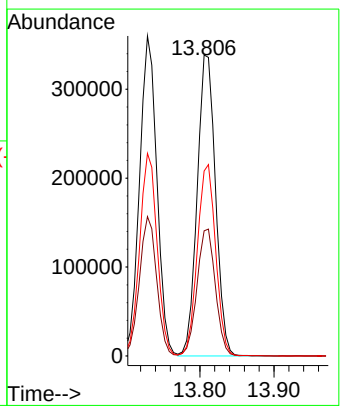
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

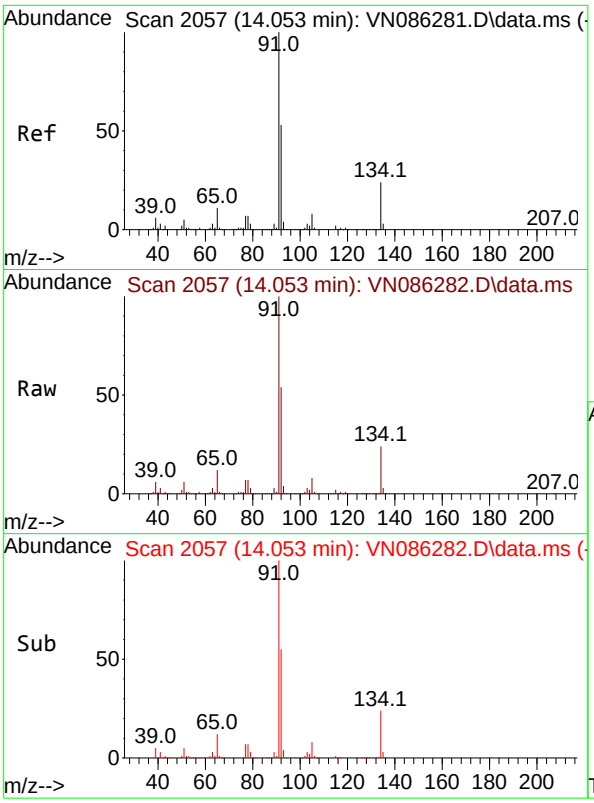


#88
1,4-Dichlorobenzene
Concen: 93.077 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:146 Resp: 582329

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.9
148	63.5	31.9	95.9

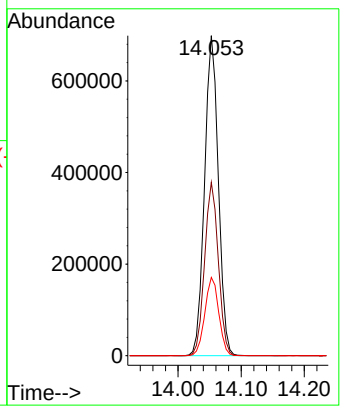




#89
n-Butylbenzene
Concen: 99.009 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 91 Resp: 106109

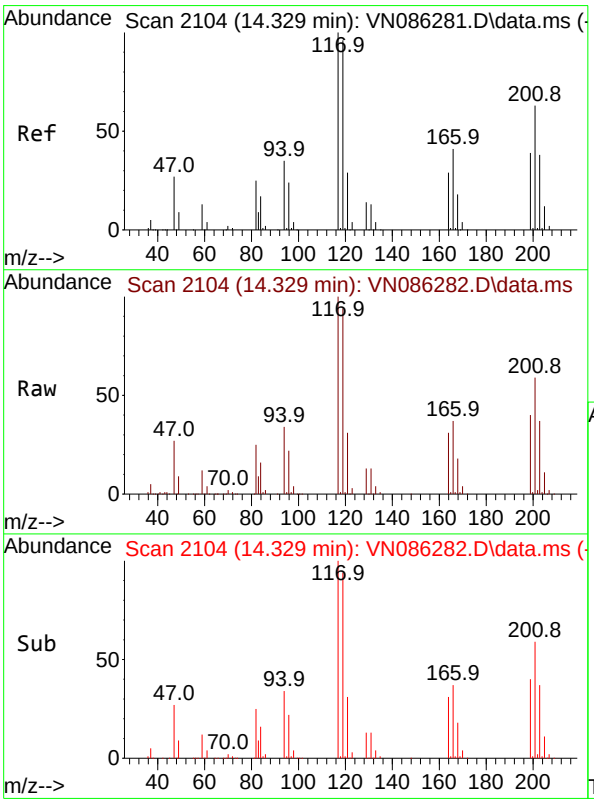
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.8	80.4
134	24.7	12.2	36.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

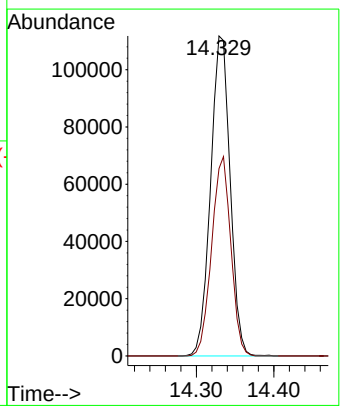
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

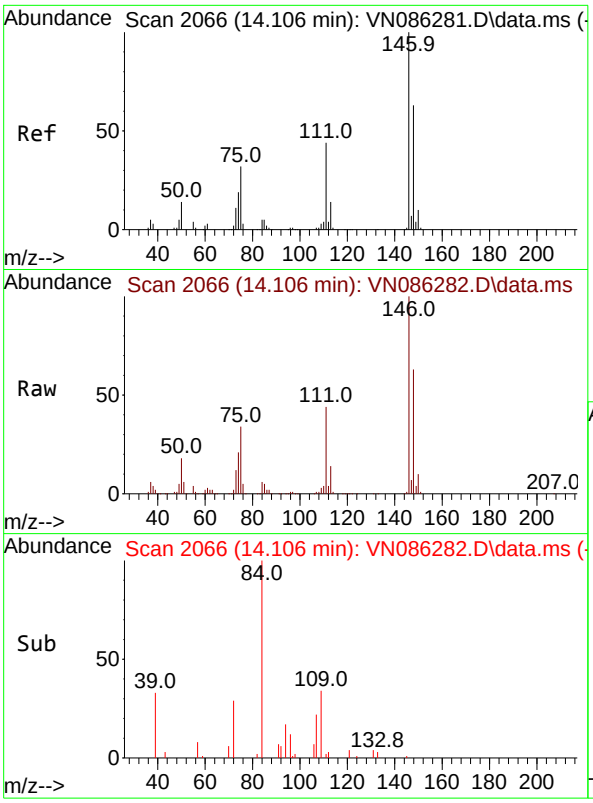


#90
Hexachloroethane
Concen: 96.516 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:117 Resp: 196292

Ion	Ratio	Lower	Upper
117	100		
201	61.2	31.4	94.2

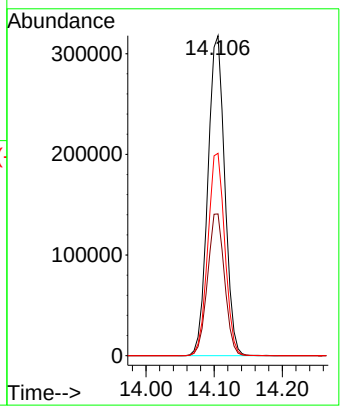




#91
1,2-Dichlorobenzene
Concen: 90.920 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:146 Resp: 54752

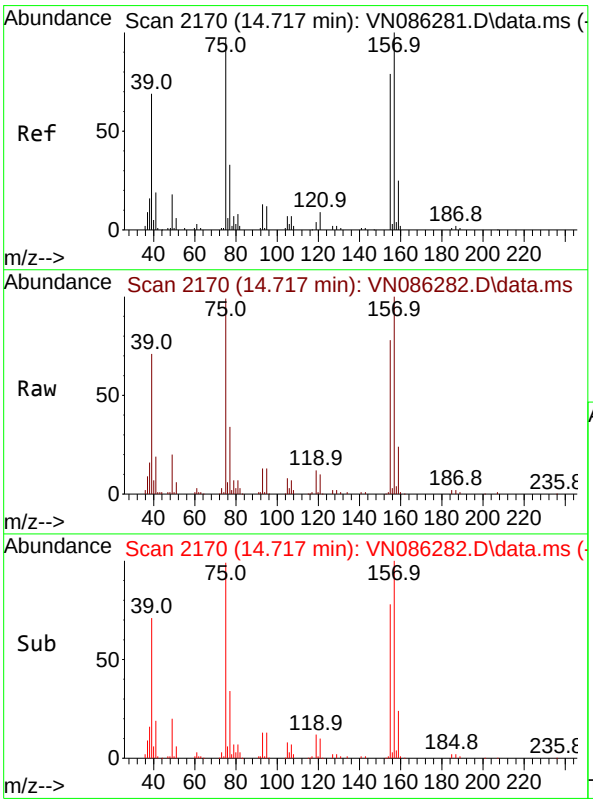
Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.4	67.0
148	63.6	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

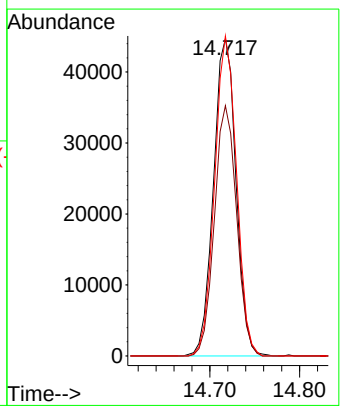
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

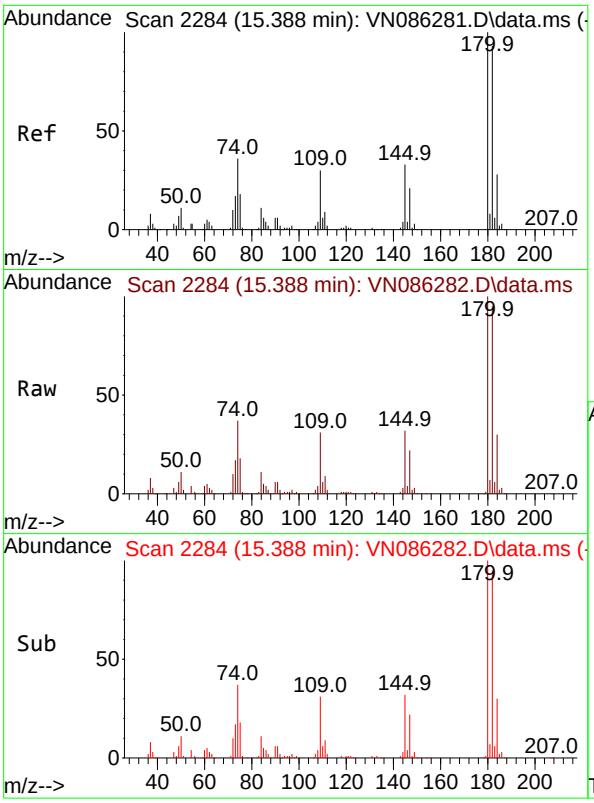


#92
1,2-Dibromo-3-Chloropropane
Concen: 89.984 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion: 75 Resp: 77795

Ion	Ratio	Lower	Upper
75	100		
155	77.9	40.3	120.9
157	98.1	49.0	147.2





#93
1,2,4-Trichlorobenzene
Concen: 97.461 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:180 Resp: 28104

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.0	141.0
145	32.1	16.4	49.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :John Carlone 04/16/2025
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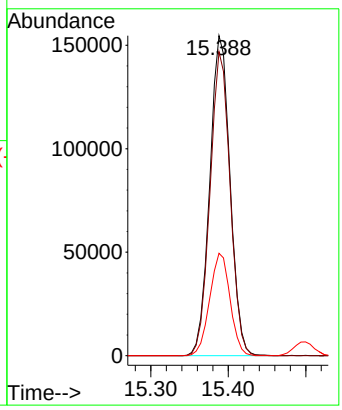
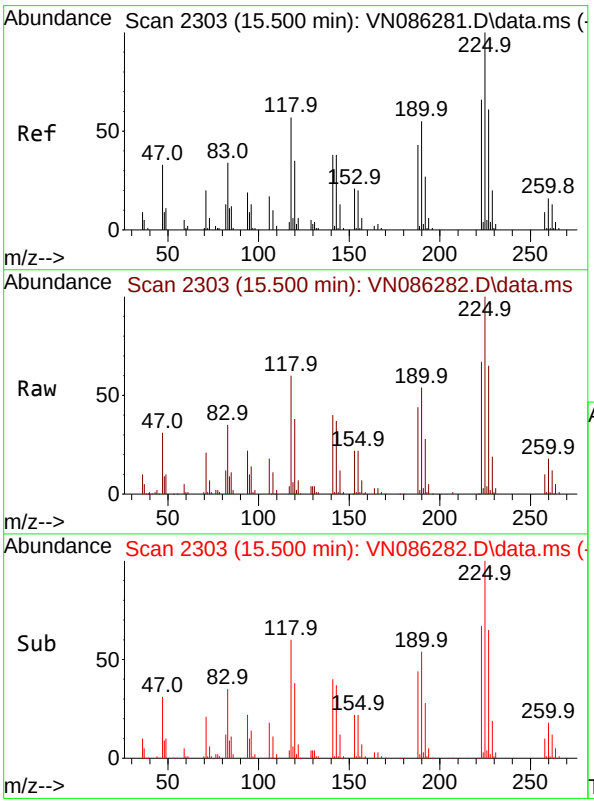
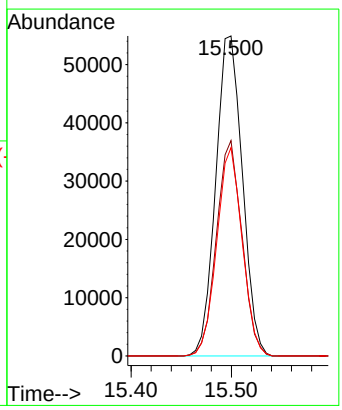


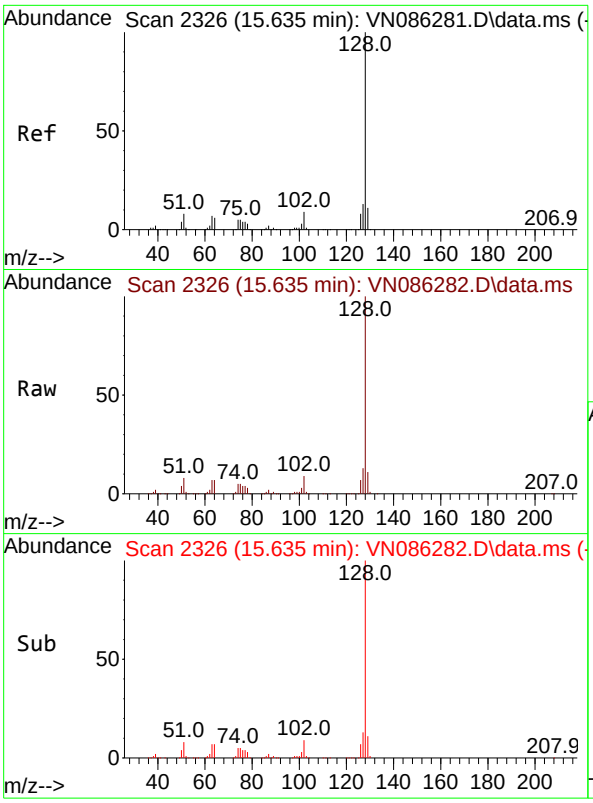


#94
Hexachlorobutadiene
Concen: 93.251 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:225 Resp: 101506

Ion	Ratio	Lower	Upper
225	100		
223	64.2	32.8	98.3
227	62.0	31.4	94.0

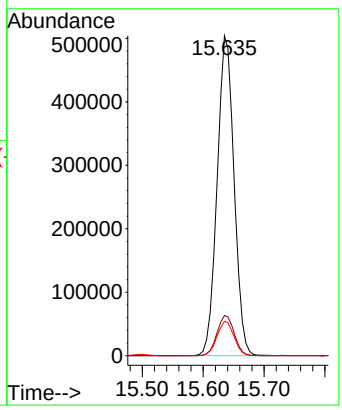




#95
Naphthalene
Concen: 95.390 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:128 Resp: 97507

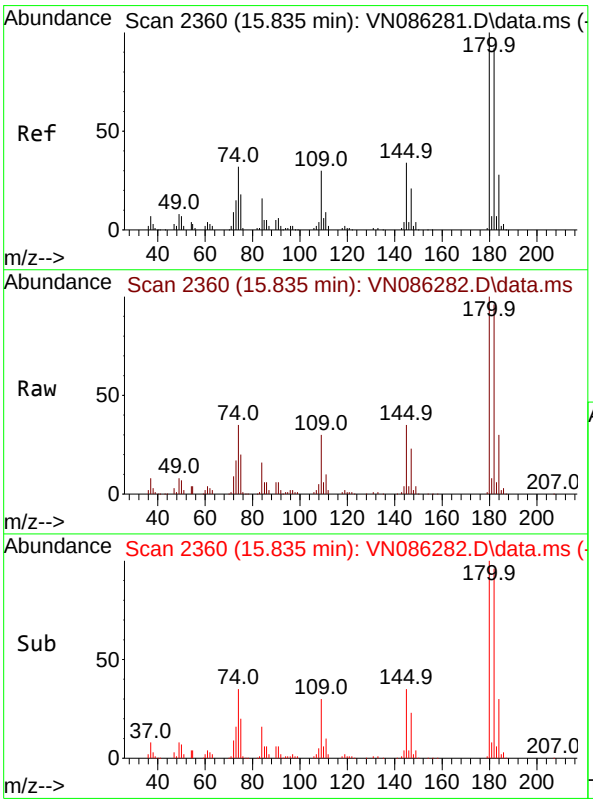
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

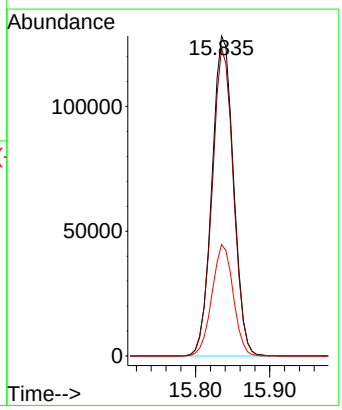
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 94.712 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086282.D
Acq: 15 Apr 2025 14:29

Tgt Ion:180 Resp: 258567

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	142.0
145	34.4	17.2	51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	232806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	435528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	384601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169181	50.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.220%			
35) Dibromofluoromethane	8.165	113	96752	47.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.740%			
50) Toluene-d8	10.565	98	542858	50.251	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.847	95	196820	49.950	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	138594	50.220	ug/l	100
3) Chloromethane	2.359	50	185786	46.321	ug/l	99
4) Vinyl Chloride	2.518	62	183873	48.040	ug/l	98
5) Bromomethane	2.953	94	88943	51.662	ug/l	98
6) Chloroethane	3.118	64	119261	46.557	ug/l	99
7) Trichlorofluoromethane	3.500	101	203630	48.030	ug/l	96
8) Diethyl Ether	3.959	74	88034	47.564	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	124024	48.357	ug/l	99
10) Methyl Iodide	4.589	142	148899	52.806	ug/l	98
11) Tert butyl alcohol	5.512	59	143880	233.586	ug/l	99
12) 1,1-Dichloroethene	4.336	96	129546	47.278	ug/l	98
13) Acrolein	4.177	56	72276	251.743	ug/l	99
14) Allyl chloride	5.024	41	220559	45.280	ug/l	99
15) Acrylonitrile	5.712	53	372009	244.312	ug/l	99
16) Acetone	4.424	43	297097	254.646	ug/l	100
17) Carbon Disulfide	4.712	76	360863	43.983	ug/l	99
18) Methyl Acetate	5.018	43	184731	45.586	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	474584	47.117	ug/l	99
20) Methylene Chloride	5.271	84	145872	46.740	ug/l	100
21) trans-1,2-Dichloroethene	5.788	96	134526	46.960	ug/l	99
22) Diisopropyl ether	6.665	45	491946	46.426	ug/l	98
23) Vinyl Acetate	6.600	43	1738360	234.680	ug/l	100
24) 1,1-Dichloroethane	6.565	63	264324	47.277	ug/l	99
25) 2-Butanone	7.477	43	501652	238.732	ug/l	98
26) 2,2-Dichloropropane	7.488	77	233882	46.721	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	167485	47.105	ug/l	98
28) Bromochloromethane	7.812	49	113893	48.044	ug/l	100
29) Tetrahydrofuran	7.835	42	326414	232.296	ug/l	100
30) Chloroform	7.959	83	258393	47.047	ug/l	99
31) Cyclohexane	8.253	56	247077	45.162	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	222630	47.385	ug/l	97
36) 1,1-Dichloropropene	8.371	75	191295	47.382	ug/l	100
37) Ethyl Acetate	7.553	43	195455	45.984	ug/l	100
38) Carbon Tetrachloride	8.359	117	182531	47.475	ug/l	98
39) Methylcyclohexane	9.594	83	220275	45.902	ug/l	97
40) Benzene	8.600	78	610128	47.168	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	113052	45.892	ug/l		98
42) 1,2-Dichloroethane	8.665	62	195922	47.496	ug/l		100
43) Isopropyl Acetate	8.682	43	370579	48.649	ug/l		100
44) Trichloroethene	9.347	130	145334	47.403	ug/l		99
45) 1,2-Dichloropropane	9.618	63	149775	47.302	ug/l		98
46) Dibromomethane	9.706	93	98395	48.772	ug/l		100
47) Bromodichloromethane	9.882	83	207763	47.682	ug/l		99
48) Methyl methacrylate	9.676	41	170007	45.546	ug/l		98
49) 1,4-Dioxane	9.688	88	59040	929.893	ug/l		99
51) 4-Methyl-2-Pentanone	10.441	43	1036849	238.220	ug/l		99
52) Toluene	10.629	92	383010	47.453	ug/l		100
53) t-1,3-Dichloropropene	10.829	75	235221	48.360	ug/l		100
54) cis-1,3-Dichloropropene	10.306	75	250676	46.923	ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	136227	46.911	ug/l		97
56) Ethyl methacrylate	10.871	69	253092	47.414	ug/l		99
57) 1,3-Dichloropropane	11.159	76	246129	47.770	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	612932	241.924	ug/l		99
59) 2-Hexanone	11.188	43	759846	235.364	ug/l		99
60) Dibromochloromethane	11.353	129	152321	47.767	ug/l		99
61) 1,2-Dibromoethane	11.465	107	139994	47.777	ug/l		100
64) Tetrachloroethene	11.100	164	140342	47.439	ug/l		99
65) Chlorobenzene	11.888	112	401122	46.735	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.959	131	133755	47.238	ug/l		99
67) Ethyl Benzene	11.959	91	730984	47.196	ug/l		100
68) m/p-Xylenes	12.070	106	551289	94.994	ug/l		100
69) o-Xylene	12.394	106	269992	47.043	ug/l		100
70) Styrene	12.406	104	460331	48.138	ug/l		100
71) Bromoform	12.576	173	101548	47.634	ug/l	#	98
73) Isopropylbenzene	12.694	105	667602	46.930	ug/l		100
74) N-amyl acetate	12.488	43	320394	45.241	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	186111	45.501	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	187464m	45.680	ug/l		
77) Bromobenzene	12.976	156	150856	47.860	ug/l		98
78) n-propylbenzene	13.029	91	794892	47.420	ug/l		99
79) 2-Chlorotoluene	13.123	91	493124	47.012	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	550039	47.241	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	84822m	49.639	ug/l		
82) 4-Chlorotoluene	13.217	91	495478	47.552	ug/l		99
83) tert-Butylbenzene	13.435	119	461626	45.757	ug/l		100
84) 1,2,4-Trimethylbenzene	13.476	105	561084	47.342	ug/l		100
85) sec-Butylbenzene	13.612	105	650246	46.468	ug/l		99
86) p-Isopropyltoluene	13.729	119	546663	47.395	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	278387	46.983	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	282403	47.319	ug/l		99
89) n-Butylbenzene	14.053	91	482335	47.178	ug/l		100
90) Hexachloroethane	14.329	117	92416	47.634	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	273135	47.545	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	39601	48.017	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	131639	47.854	ug/l		100
94) Hexachlorobutadiene	15.500	225	48079	46.301	ug/l		100
95) Naphthalene	15.635	128	472042	48.408	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	123220	47.314	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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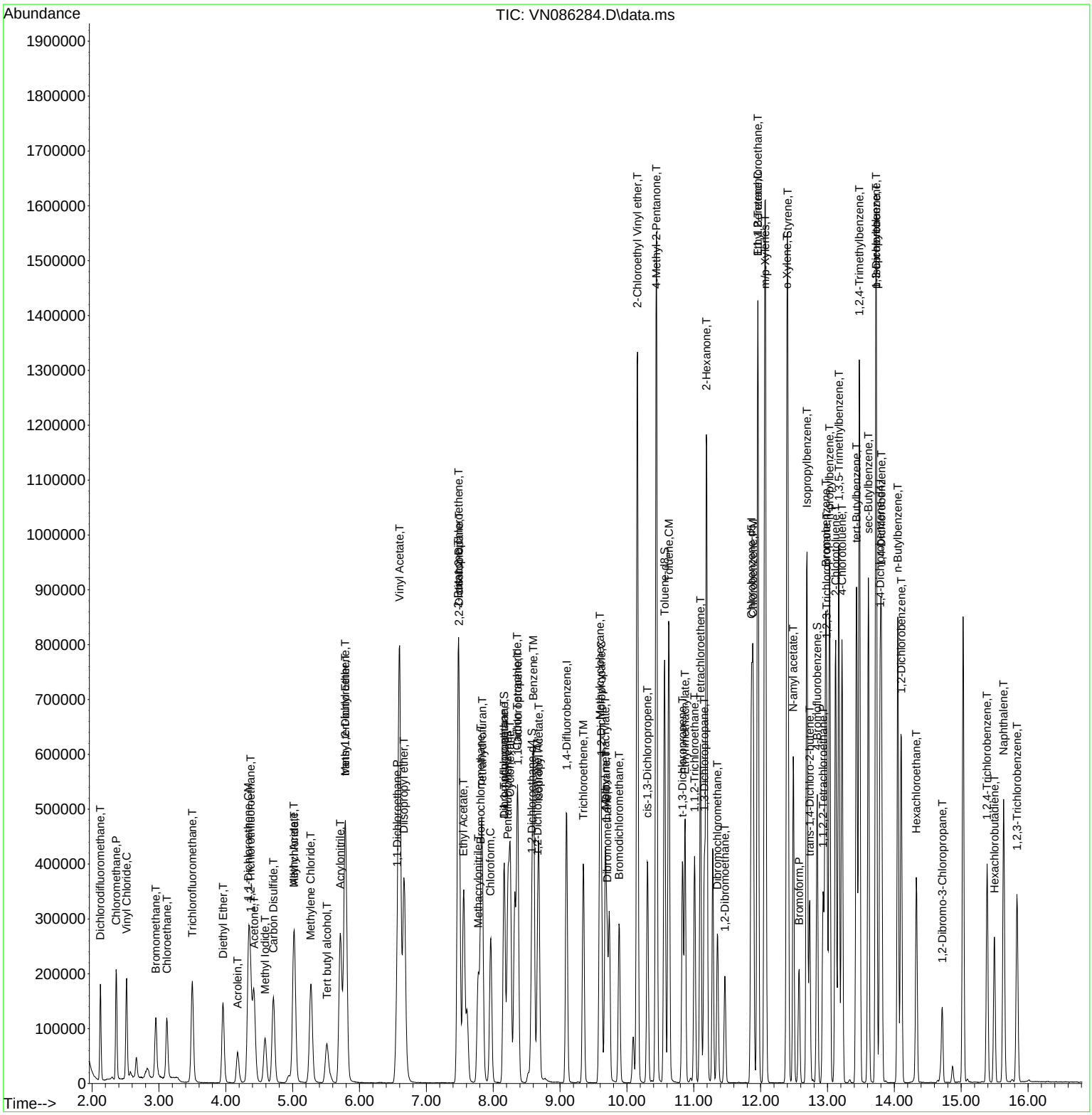
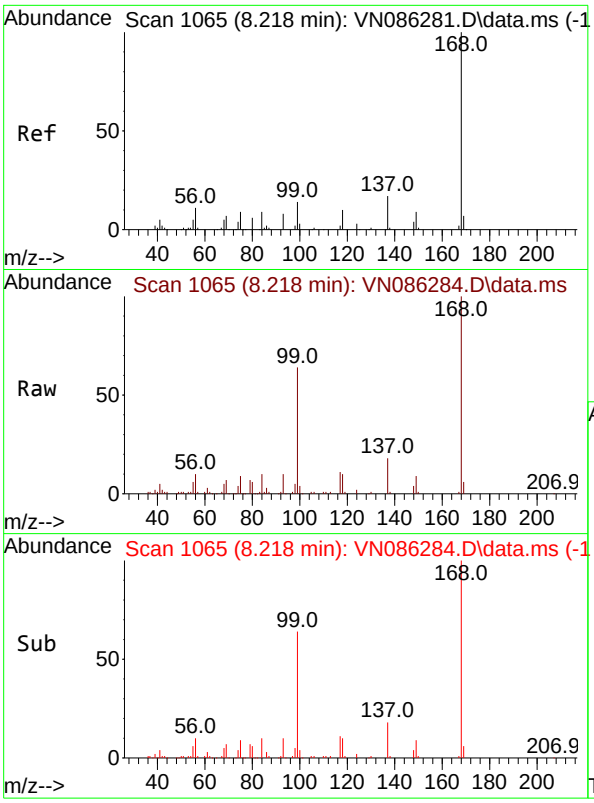
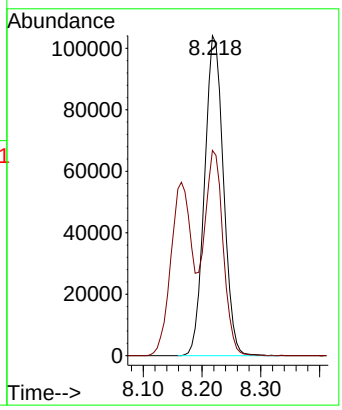




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:168 Resp: 23280

Ion	Ratio	Lower	Upper
168	100		
99	64.2	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

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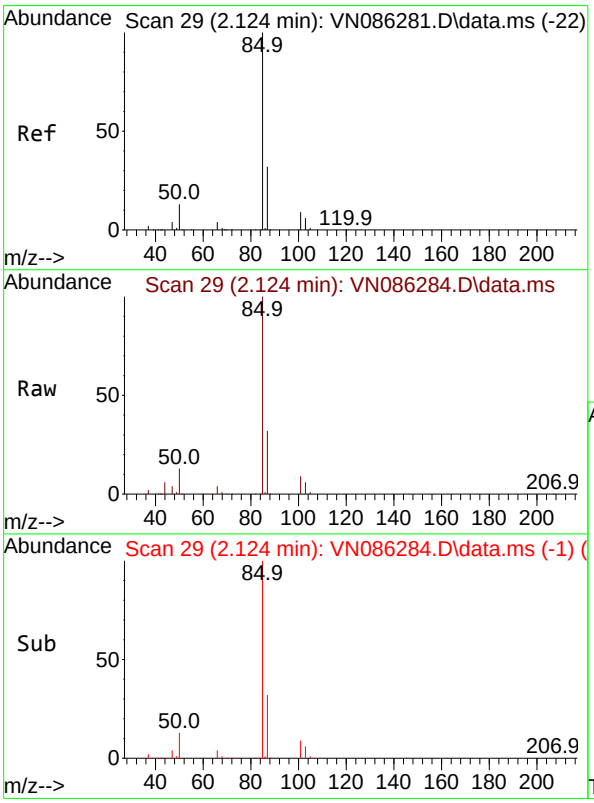
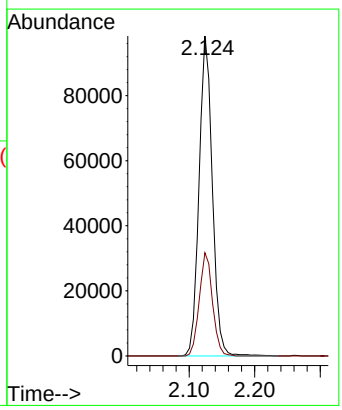
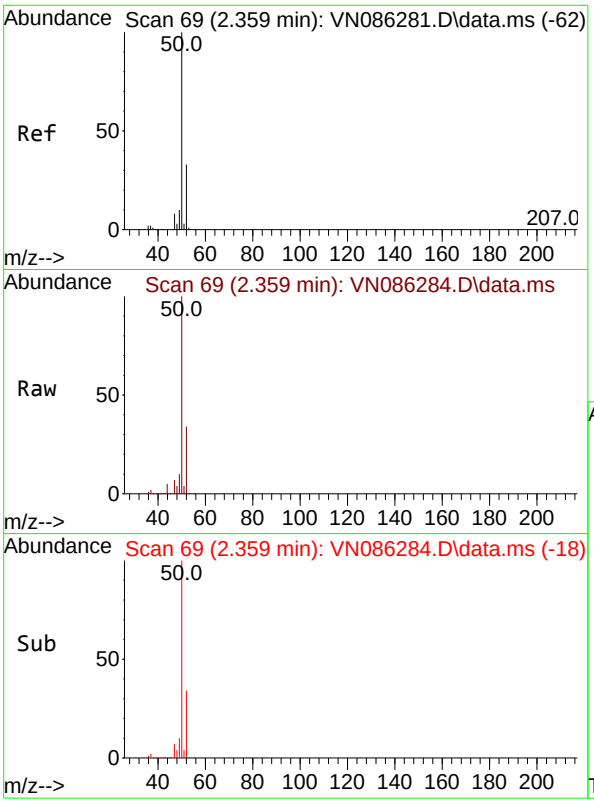


#2
Dichlorodifluoromethane
Concen: 50.220 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 85 Resp: 138594

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.3	48.8

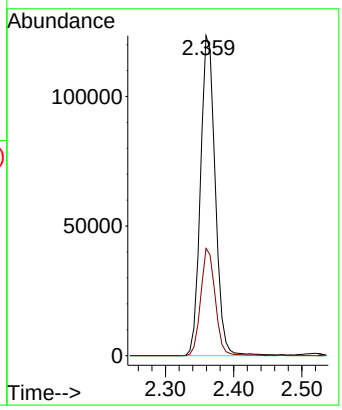




#3
Chloromethane
Concen: 46.321 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 50 Resp: 18578

Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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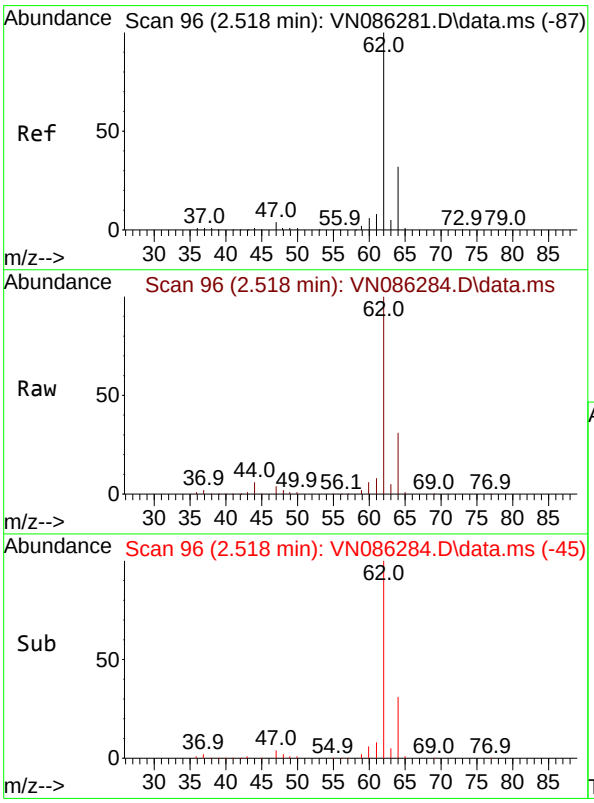
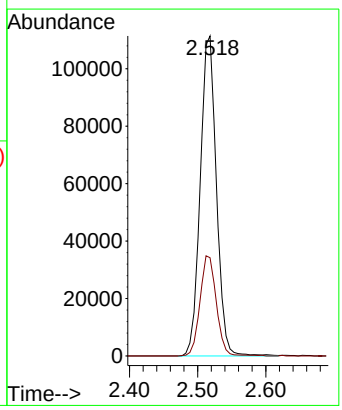
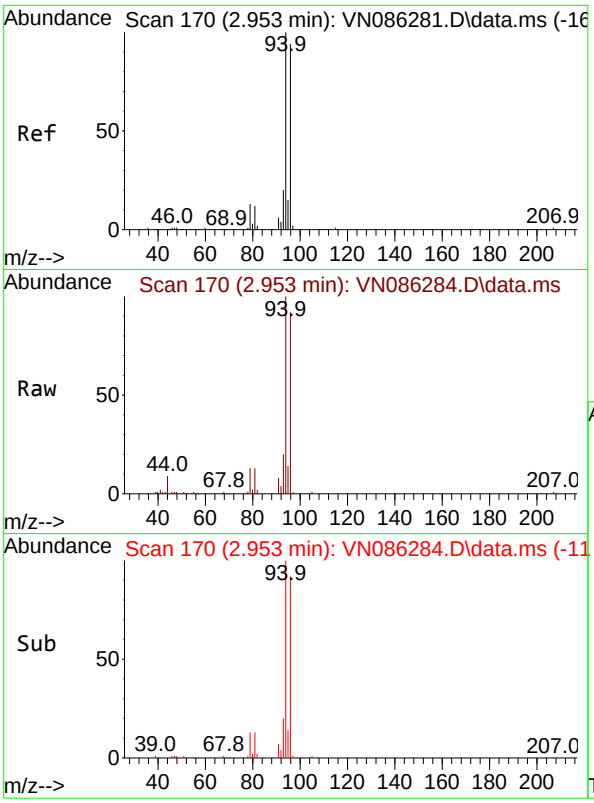


#4
Vinyl Chloride
Concen: 48.040 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 62 Resp: 183873

Ion	Ratio	Lower	Upper
62	100		
64	30.7	25.6	38.4

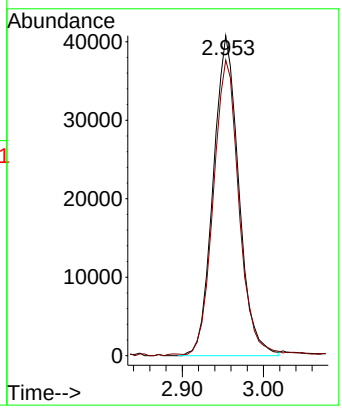




#5
Bromomethane
Concen: 51.662 ug/l
RT: 2.953 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 94 Resp: 8894

Ion	Ratio	Lower	Upper
94	100		
96	91.9	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

Reviewed By :John Carlone 04/16/2025
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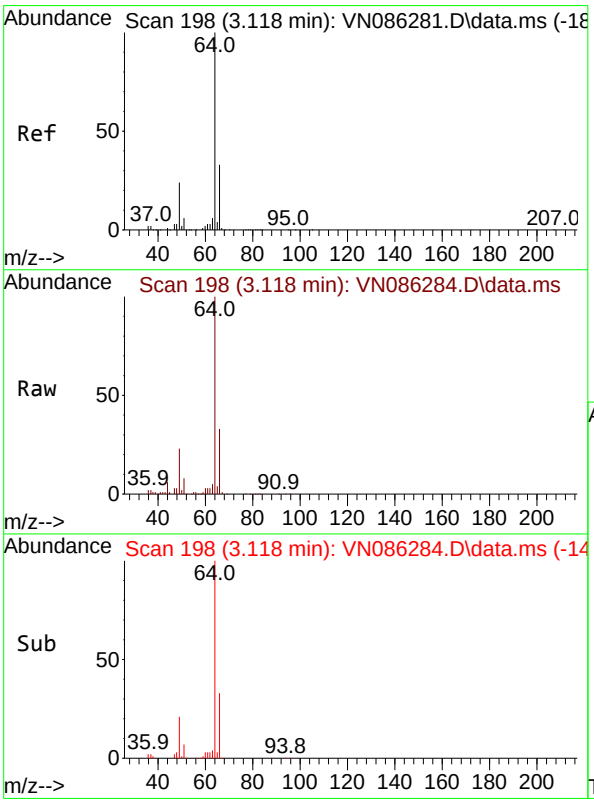
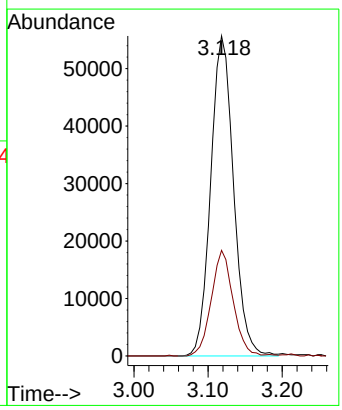
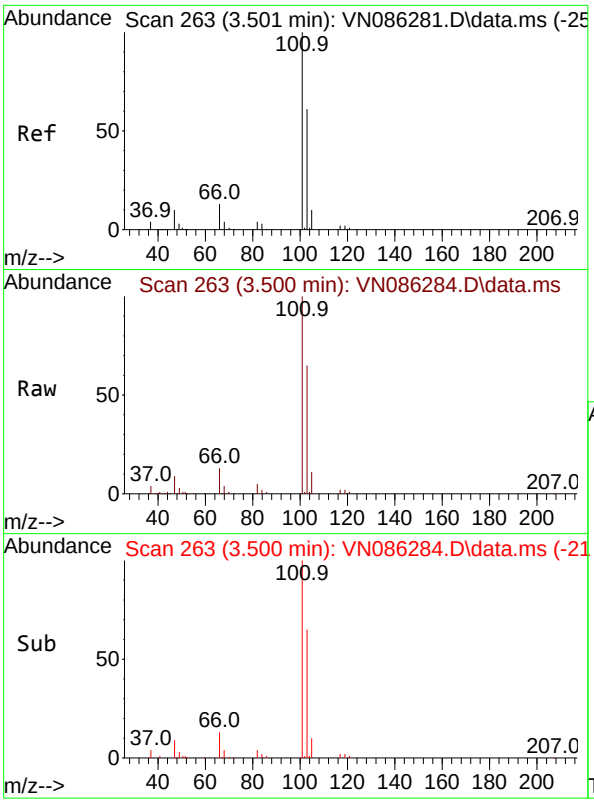


#6
Chloroethane
Concen: 46.557 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 64 Resp: 119261

Ion	Ratio	Lower	Upper
64	100		
66	33.0	26.2	39.2

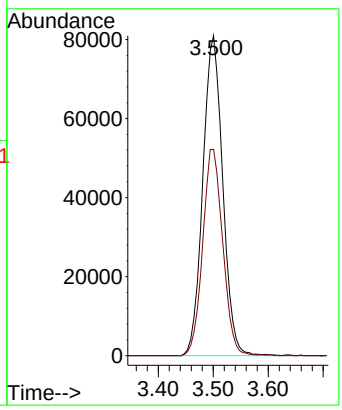




#7
Trichlorofluoromethane
Concen: 48.030 ug/l
RT: 3.500 min Scan# 2(
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:101 Resp: 20363(

Ion	Ratio	Lower	Upper
101	100		
103	64.5	49.2	73.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

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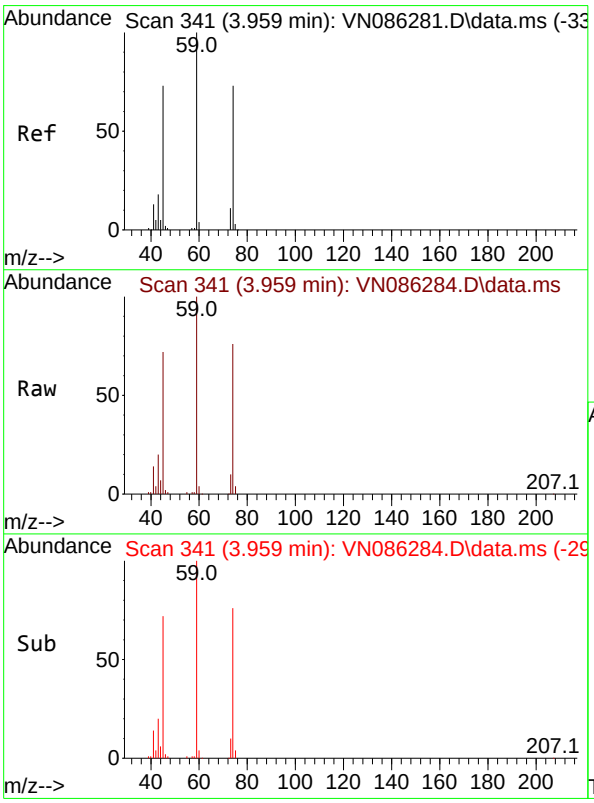
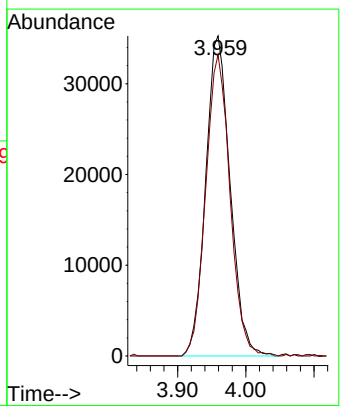
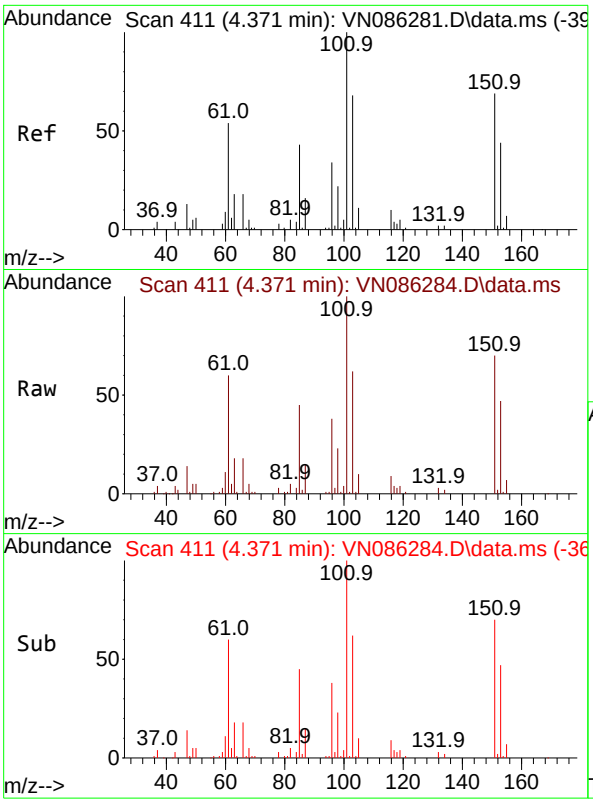


#8
Diethyl Ether
Concen: 47.564 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 74 Resp: 88034

Ion	Ratio	Lower	Upper
74	100		
45	93.5	48.0	144.2

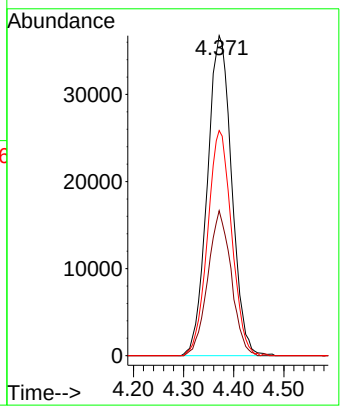




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.357 ug/l
RT: 4.371 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:101 Resp: 12402

Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.7	52.1
151	69.3	56.1	84.1



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

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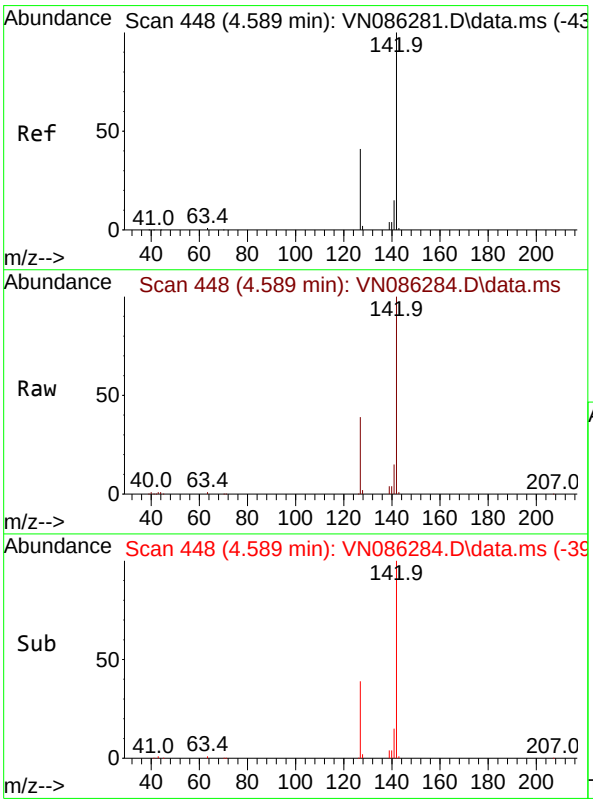
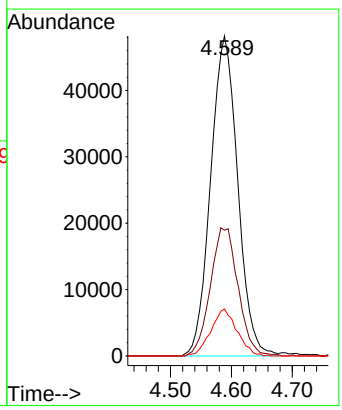
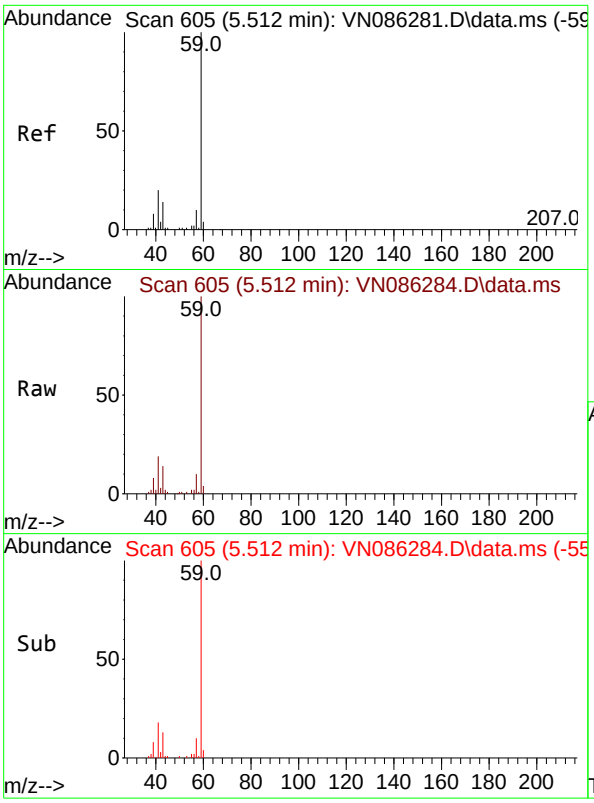


#10
Methyl Iodide
Concen: 52.806 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:142 Resp: 148899

Ion	Ratio	Lower	Upper
142	100		
127	39.3	32.7	49.1
141	14.7	11.7	17.5





#11
Tert butyl alcohol
Concen: 233.586 ug/l
RT: 5.512 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 59 Resp: 14388

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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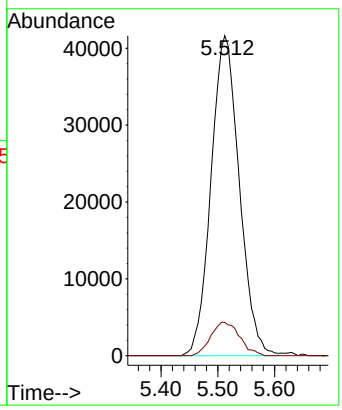
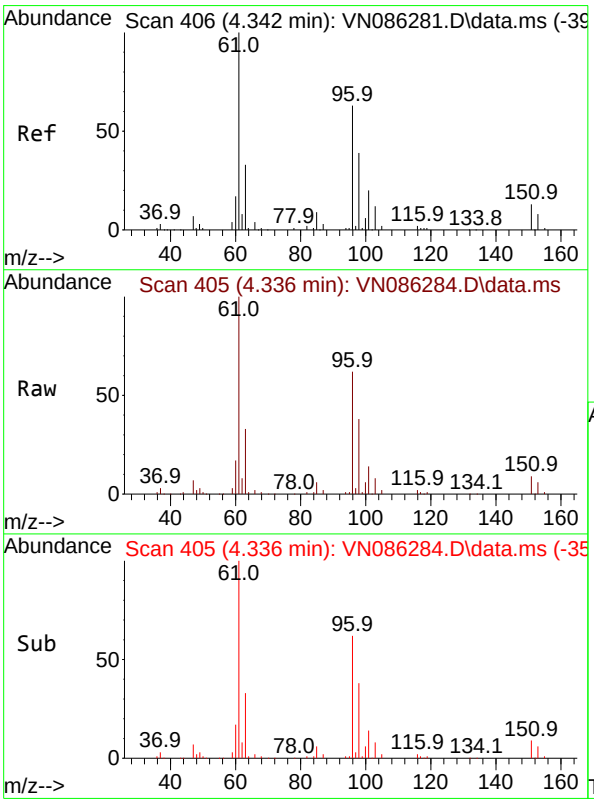
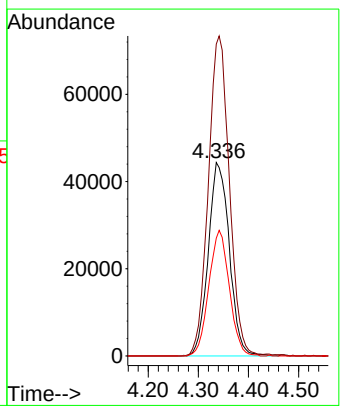


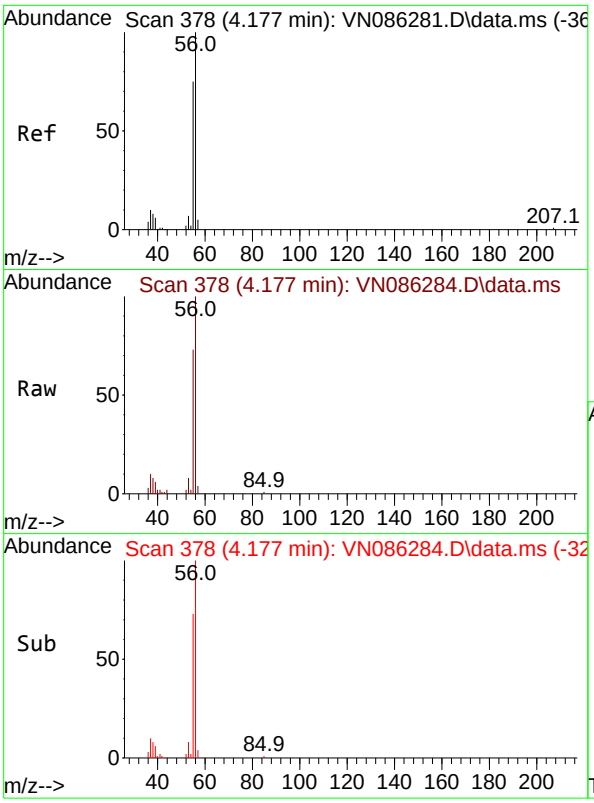


#12
1,1-Dichloroethene
Concen: 47.278 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 96 Resp: 129546

Ion	Ratio	Lower	Upper
96	100		
61	161.2	126.6	189.8
98	60.9	49.6	74.4

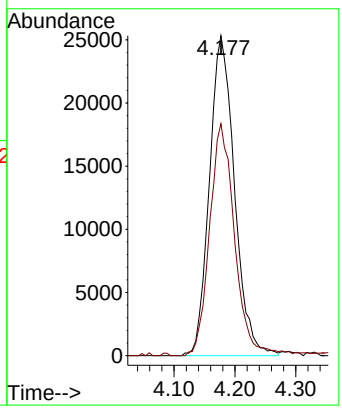




#13
Acrolein
Concen: 251.743 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 56 Resp: 7227

Ion	Ratio	Lower	Upper
56	100		
55	72.2	58.5	87.7



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations
APPROVED

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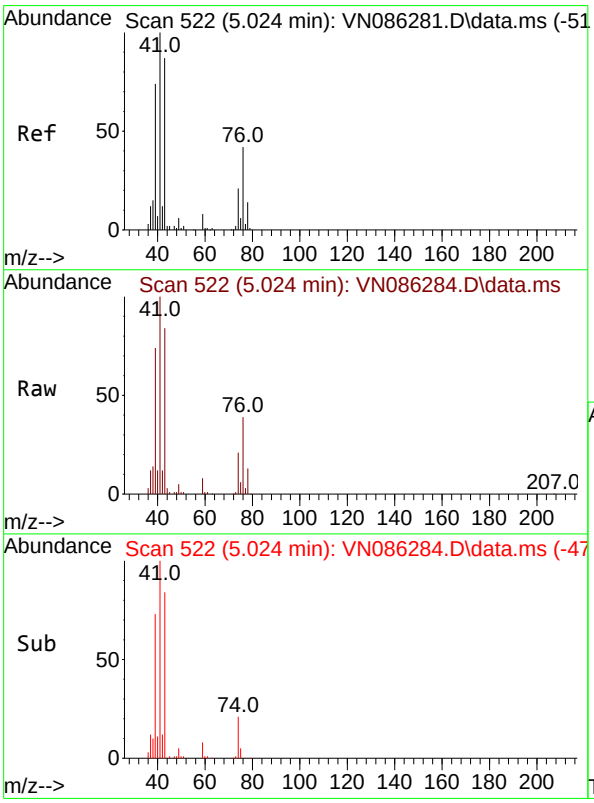
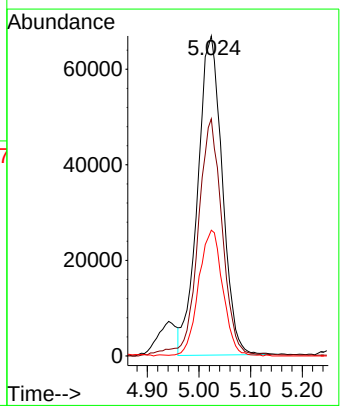
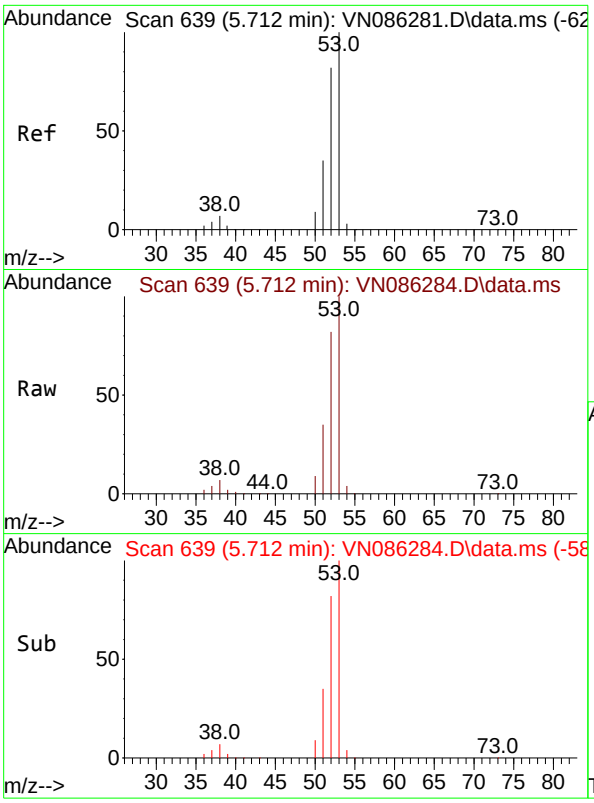


#14
Allyl chloride
Concen: 45.280 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 41 Resp: 220559

Ion	Ratio	Lower	Upper
41	100		
39	73.3	59.2	88.8
76	39.0	31.2	46.8

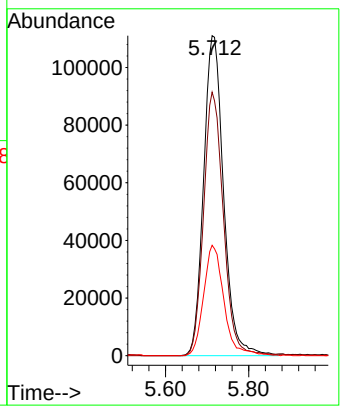




#15
Acrylonitrile
Concen: 244.312 ug/l
RT: 5.712 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 53 Resp: 37200

Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.5	98.3
51	34.9	28.6	42.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

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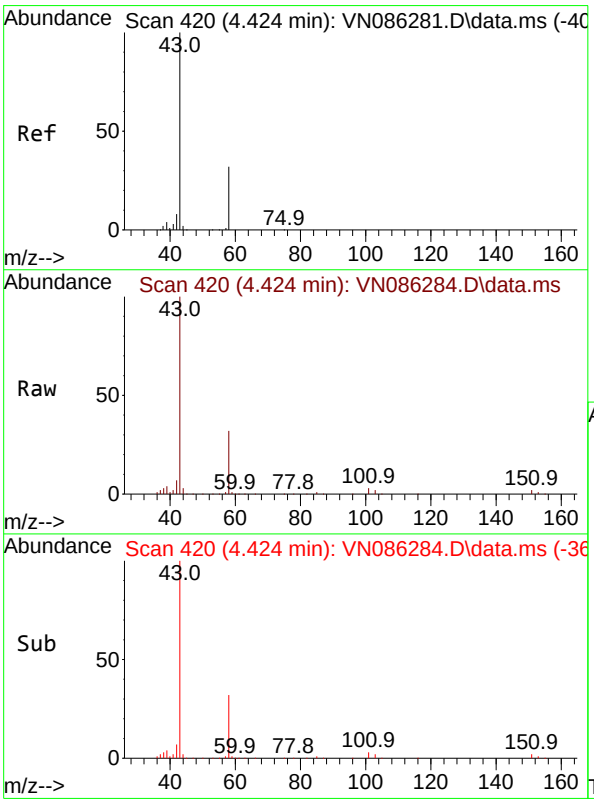
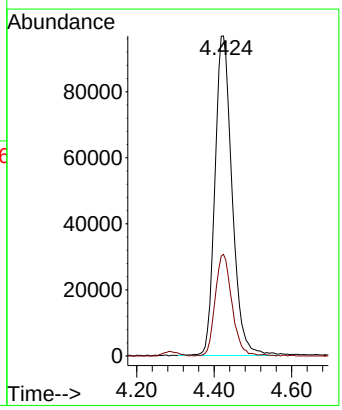
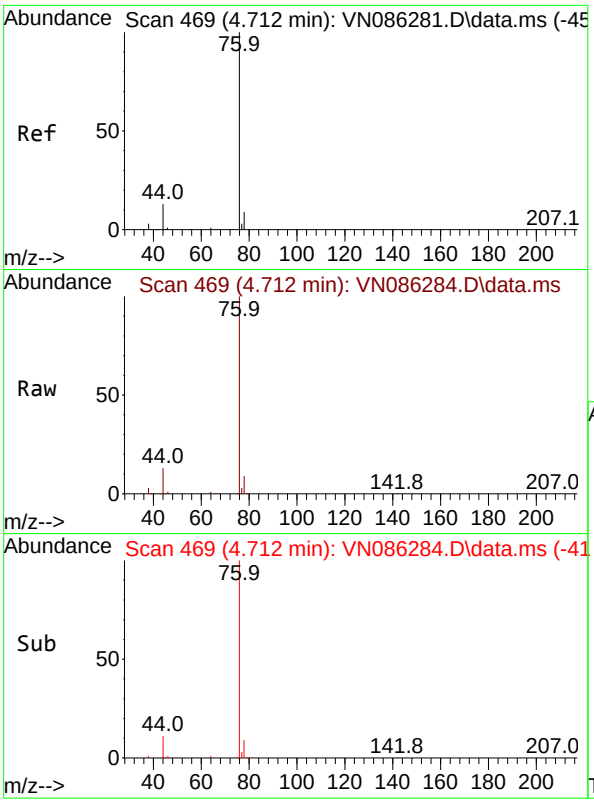


#16
Acetone
Concen: 254.646 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 297097

Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.3	37.9





#17
Carbon Disulfide
Concen: 43.983 ug/l
RT: 4.712 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 76 Resp: 36086

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.6	11.4

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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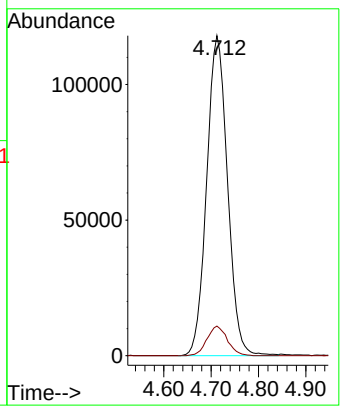
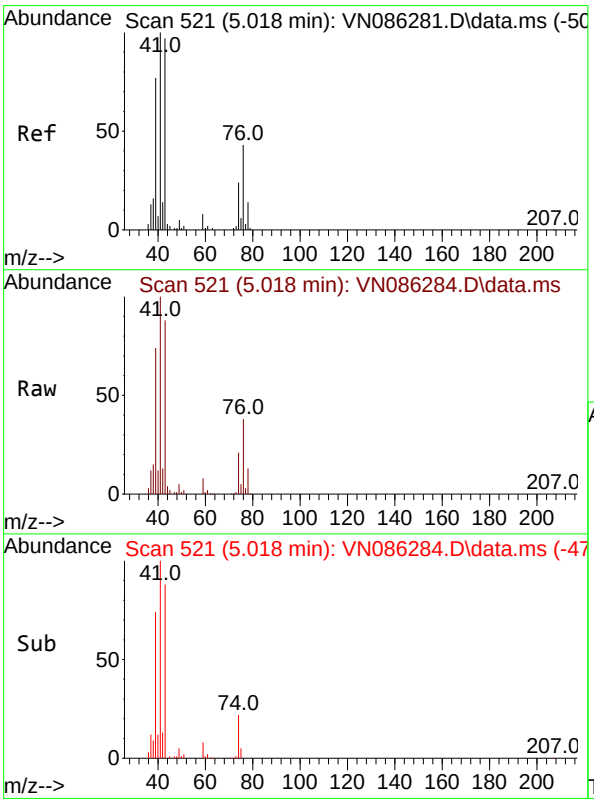
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

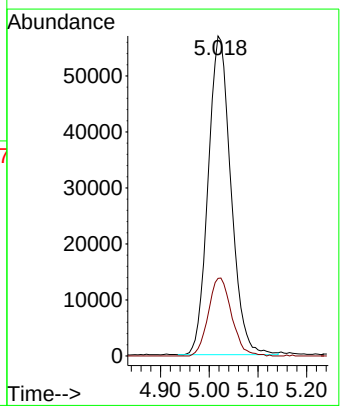


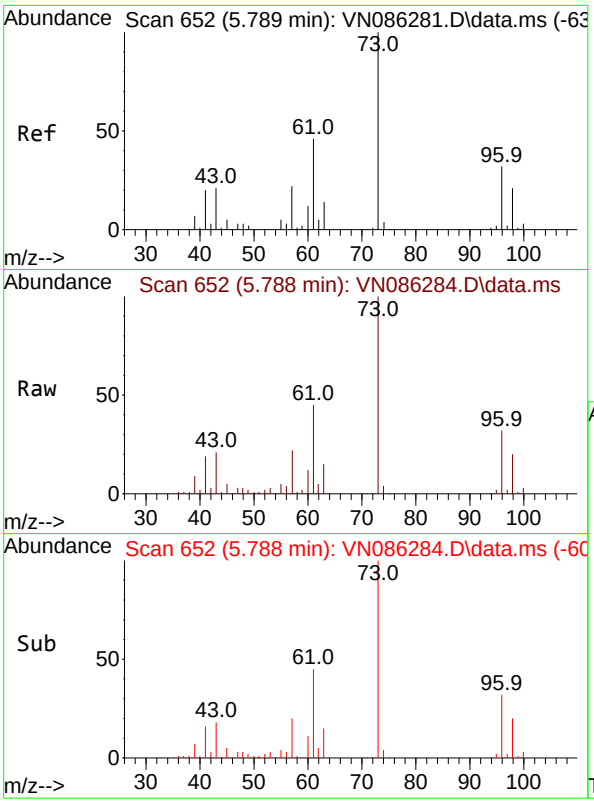


#18
Methyl Acetate
Concen: 45.586 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 184731

Ion	Ratio	Lower	Upper
43	100		
74	25.0	19.8	29.6

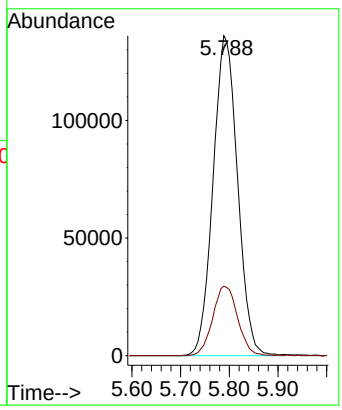




#19
Methyl tert-butyl Ether
Concen: 47.117 ug/l
RT: 5.788 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 73 Resp: 47458

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.6	26.4



Instrument :
MSVOA_N
ClientSampleId :
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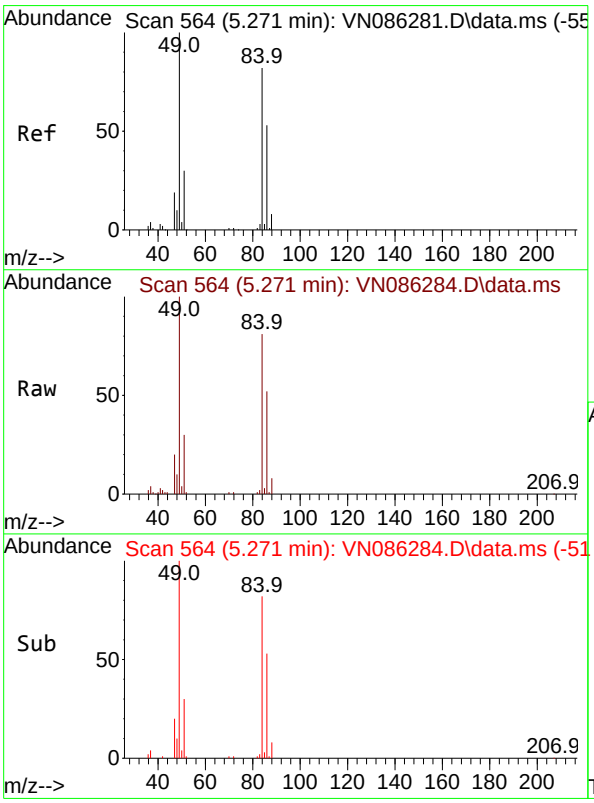
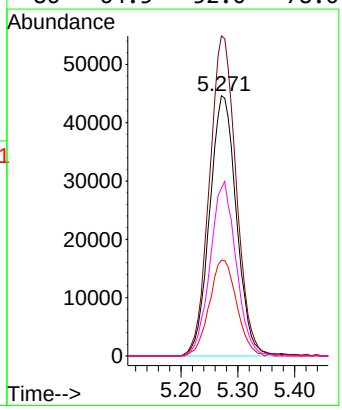
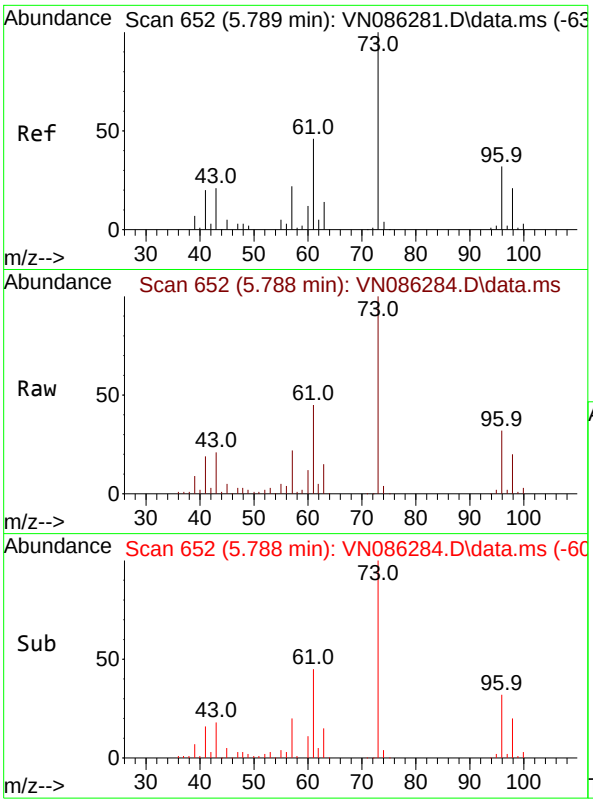


#20
Methylene Chloride
Concen: 46.740 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 84 Resp: 145872

Ion	Ratio	Lower	Upper
84	100		
49	123.0	98.2	147.2
51	36.9	29.8	44.6
86	64.5	52.0	78.0

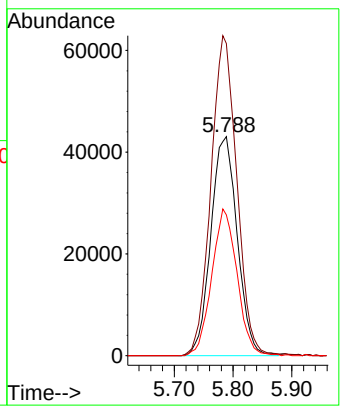




#21
trans-1,2-Dichloroethene
Concen: 46.960 ug/l
RT: 5.788 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 96 Resp: 13452

Ion	Ratio	Lower	Upper
96	100		
61	142.5	114.6	171.8
98	64.3	51.2	76.8



Instrument :
MSVOA_N
ClientSampleId :
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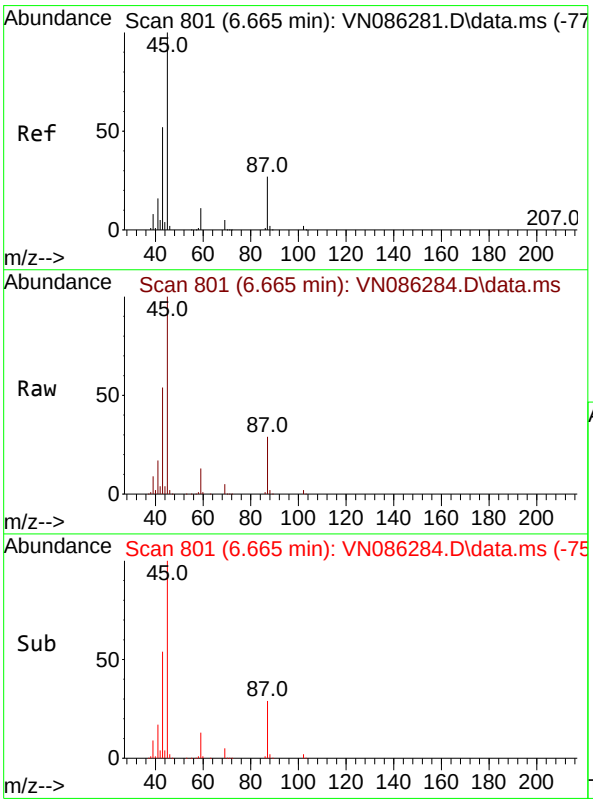
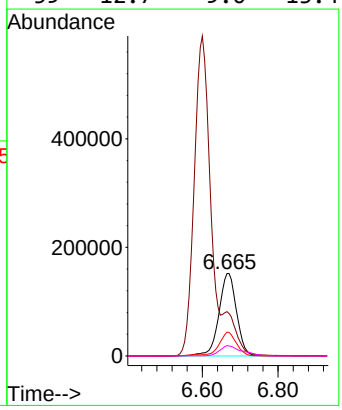
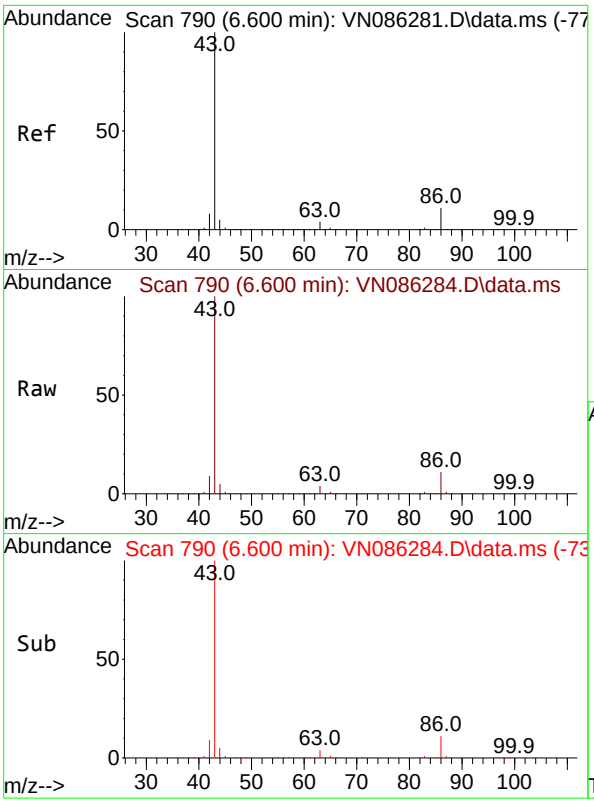


#22
Diisopropyl ether
Concen: 46.426 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 45 Resp: 491946

Ion	Ratio	Lower	Upper
45	100		
43	53.2	41.8	62.8
87	28.9	21.6	32.4
59	12.7	9.0	13.4





#23
Vinyl Acetate
Concen: 234.680 ug/l
RT: 6.600 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 173836

Ion	Ratio	Lower	Upper
43	100		
86	10.9	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
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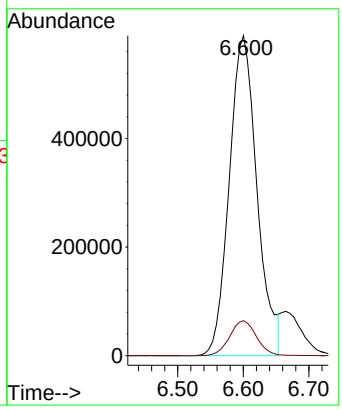
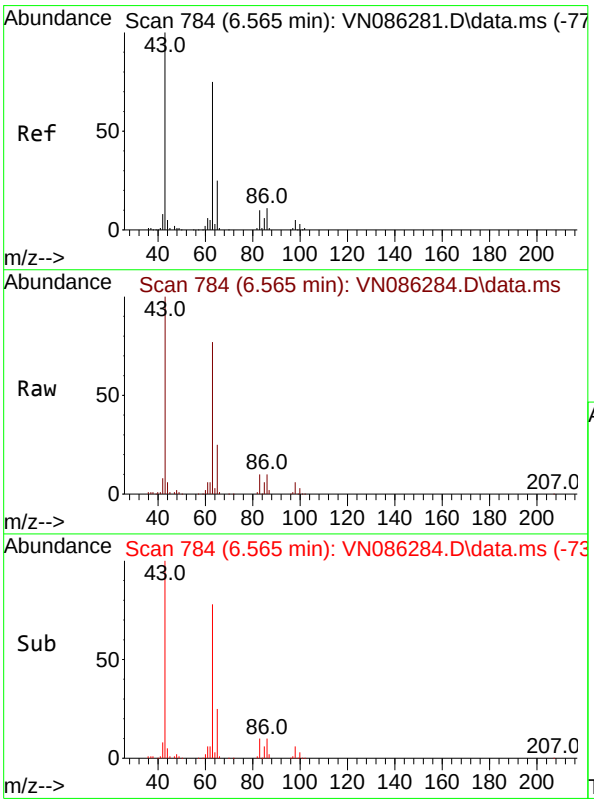
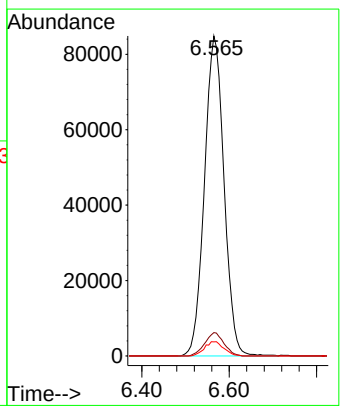


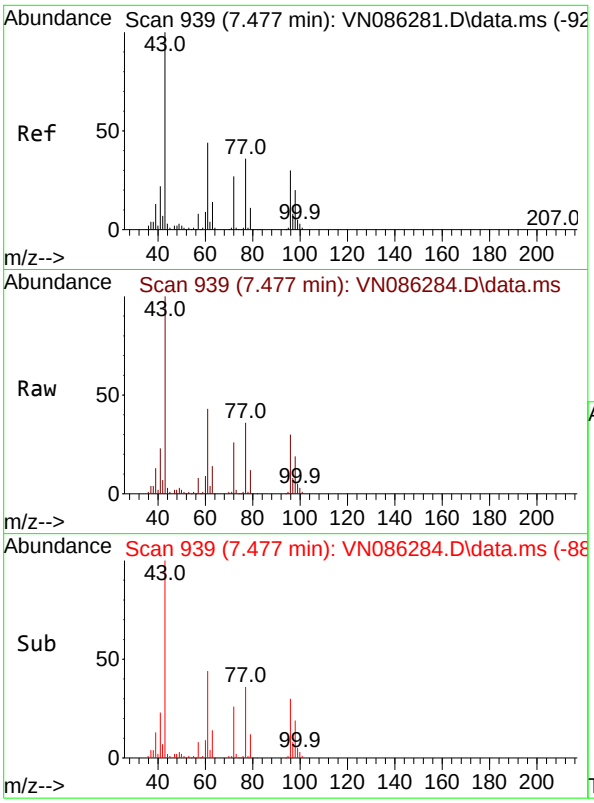


#24
1,1-Dichloroethane
Concen: 47.277 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 63 Resp: 264324

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.2
100	4.4	2.1	6.5





#25
2-Butanone
Concen: 238.732 ug/l
RT: 7.477 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 50165

Ion	Ratio	Lower	Upper
43	100		
72	26.2	21.7	32.5

Instrument :
MSVOA_N
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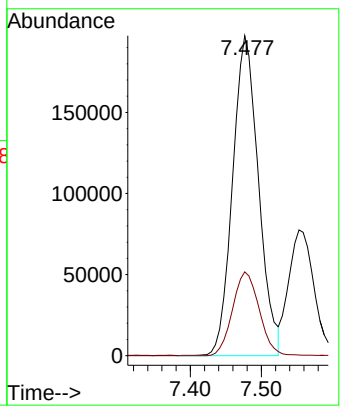
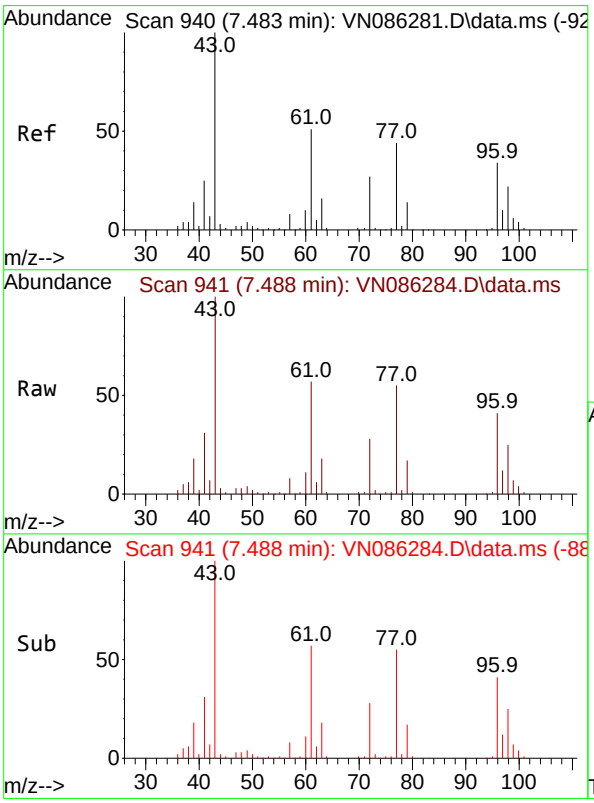
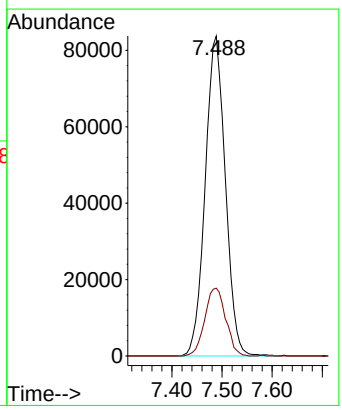


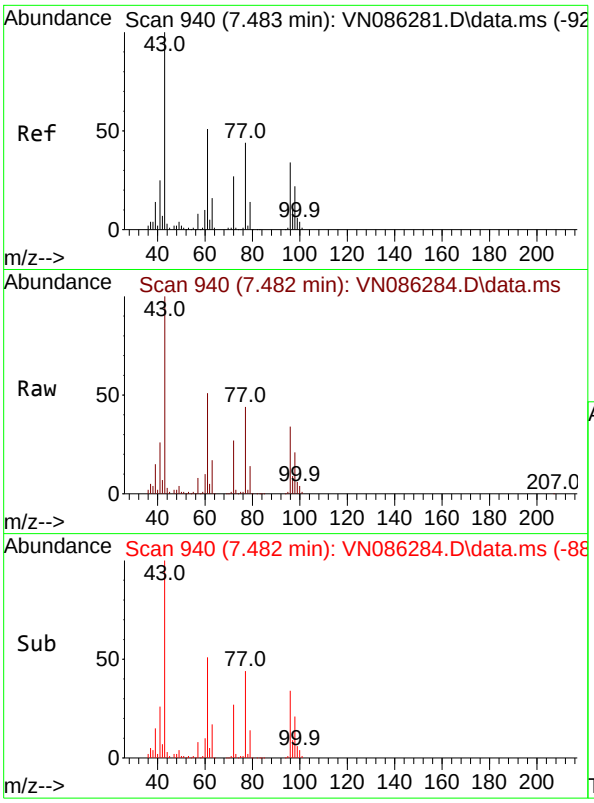


#26
2,2-Dichloropropane
Concen: 46.721 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 77 Resp: 233882

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.2	33.5

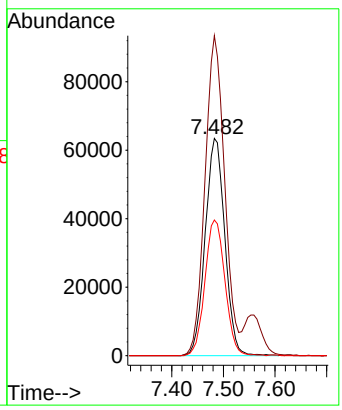




#27
cis-1,2-Dichloroethene
Concen: 47.105 ug/l
RT: 7.482 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 96 Resp: 16748

Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	299.0
98	63.7	0.0	129.6



Instrument :
MSVOA_N
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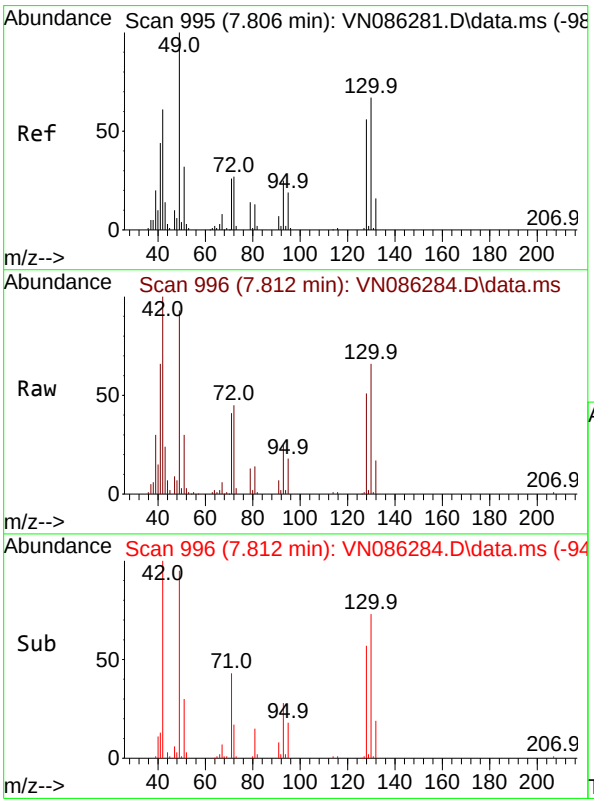
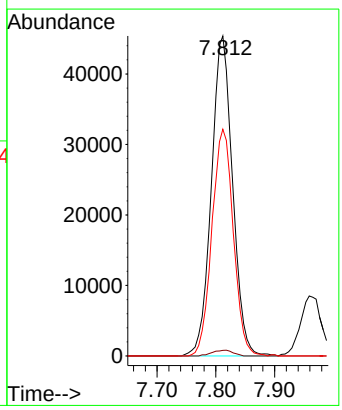
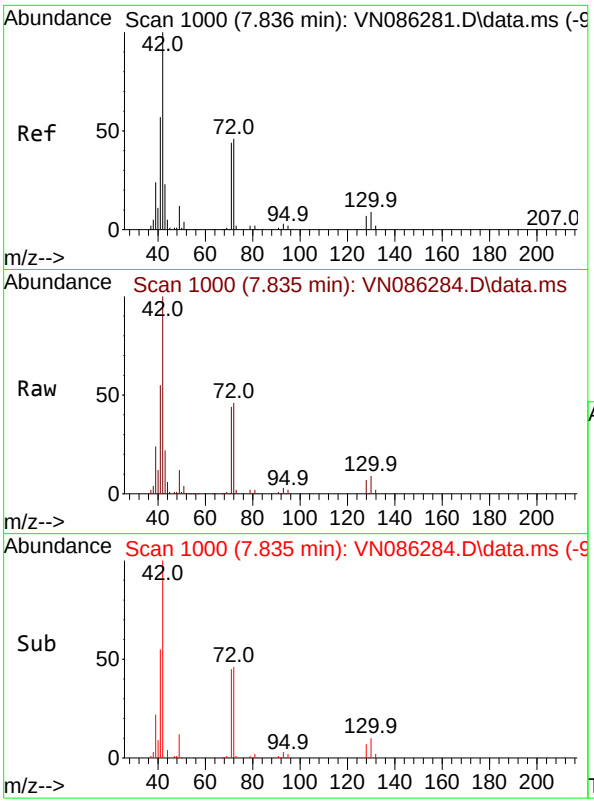


#28
Bromochloromethane
Concen: 48.044 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 49 Resp: 113893

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	71.3	57.1	85.7





#29
Tetrahydrofuran
Concen: 232.296 ug/l
RT: 7.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 42 Resp: 32641

Ion	Ratio	Lower	Upper
42	100		
72	45.5	36.2	54.4
71	42.7	34.0	51.0

Instrument :
MSVOA_N
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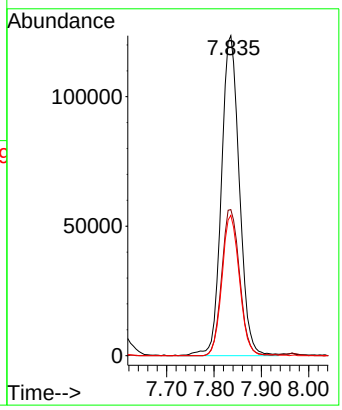
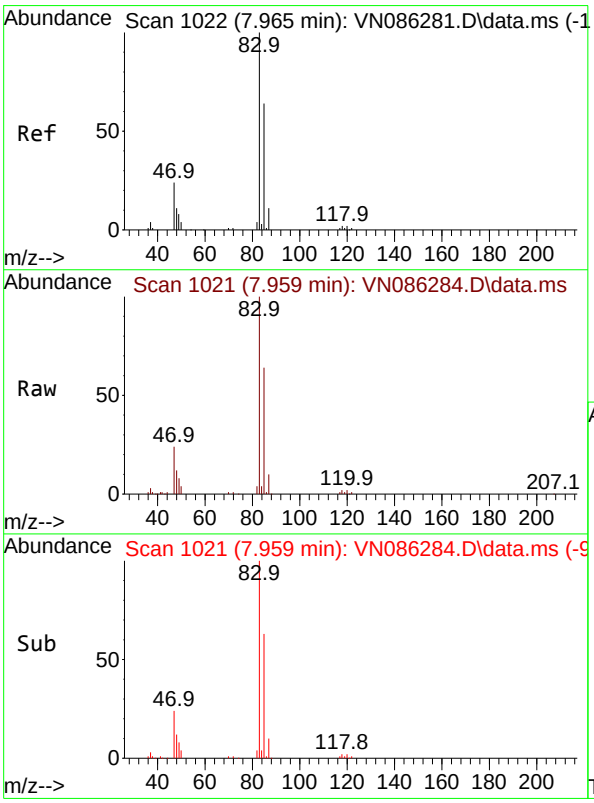
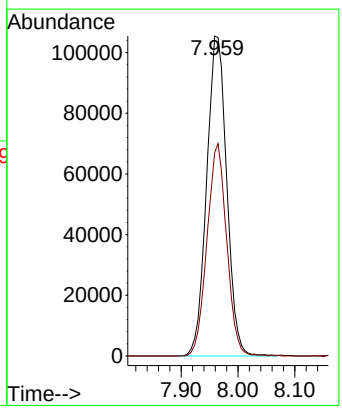


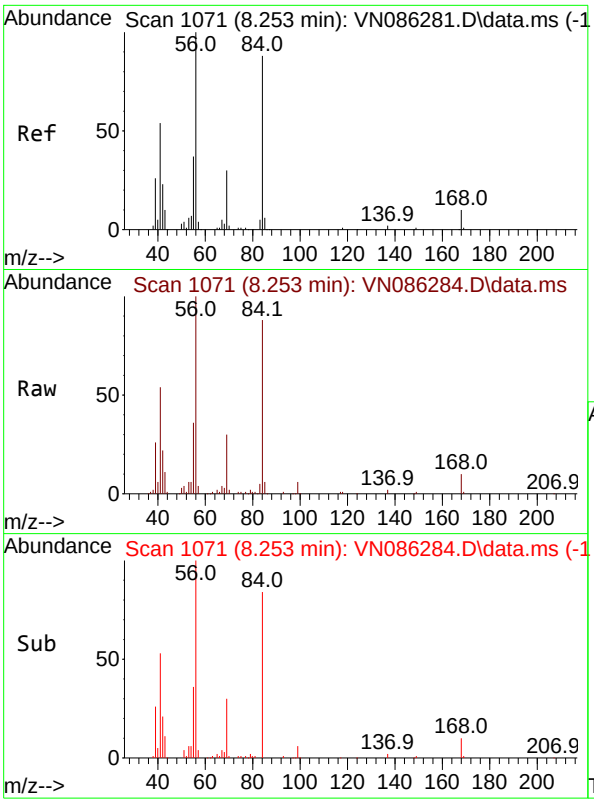


#30
Chloroform
Concen: 47.047 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 83 Resp: 258393

Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.5	77.3

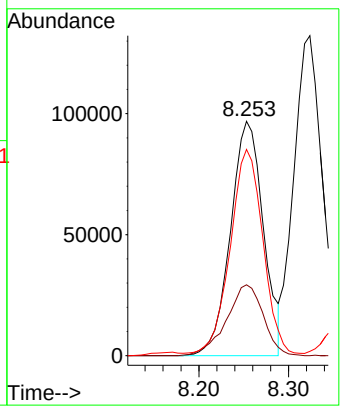




#31
Cyclohexane
Concen: 45.162 ug/l
RT: 8.253 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 56 Resp: 24707

Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.2
84	86.9	70.3	105.5



Instrument :
MSVOA_N
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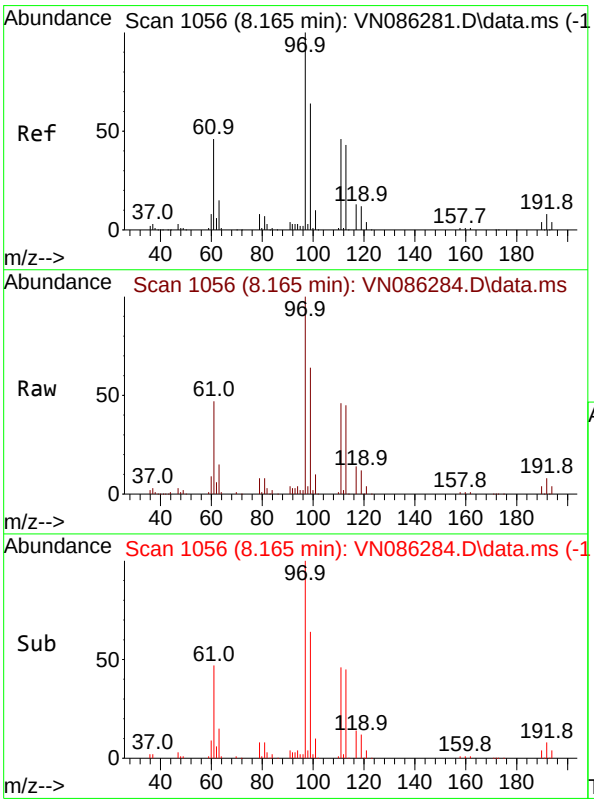
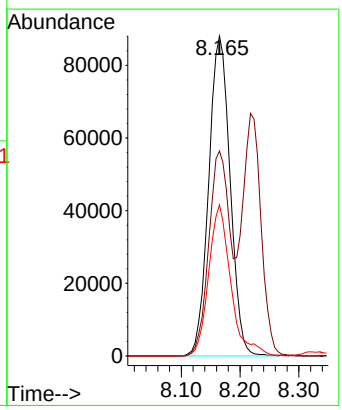
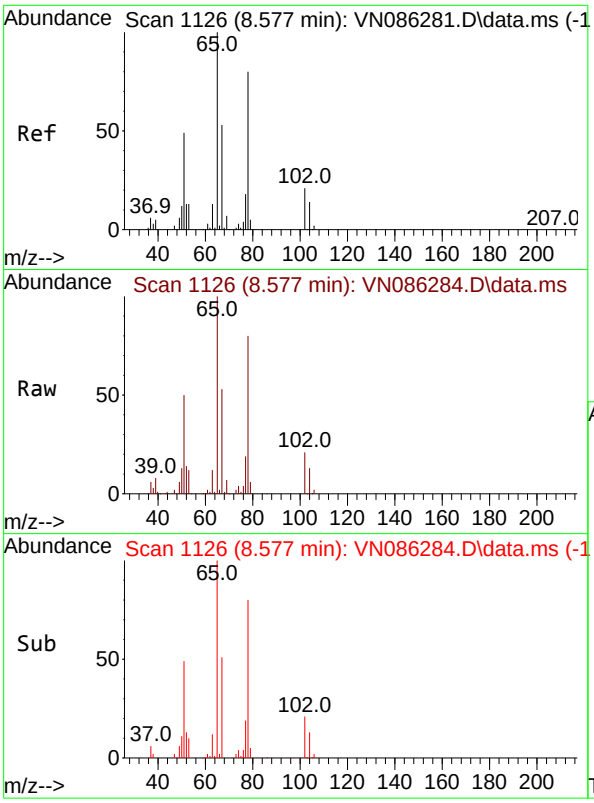


#32
1,1,1-Trichloroethane
Concen: 47.385 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 97 Resp: 222630

Ion	Ratio	Lower	Upper
97	100		
99	61.6	52.7	79.1
61	48.8	39.5	59.3

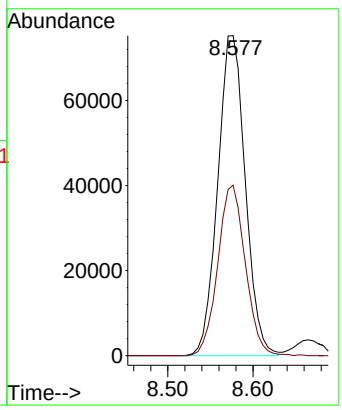




#33
1,2-Dichloroethane-d4
Concen: 50.114 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 65 Resp: 16918

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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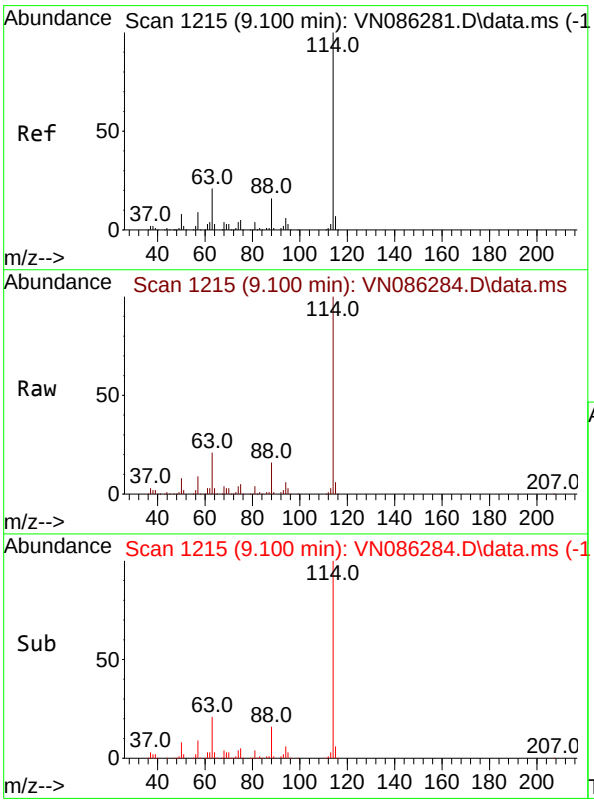
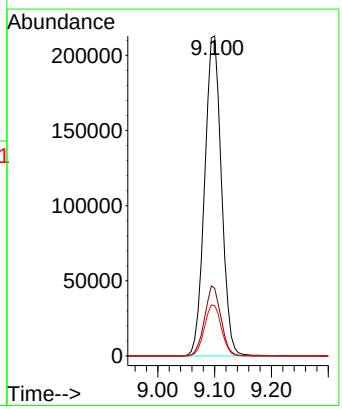
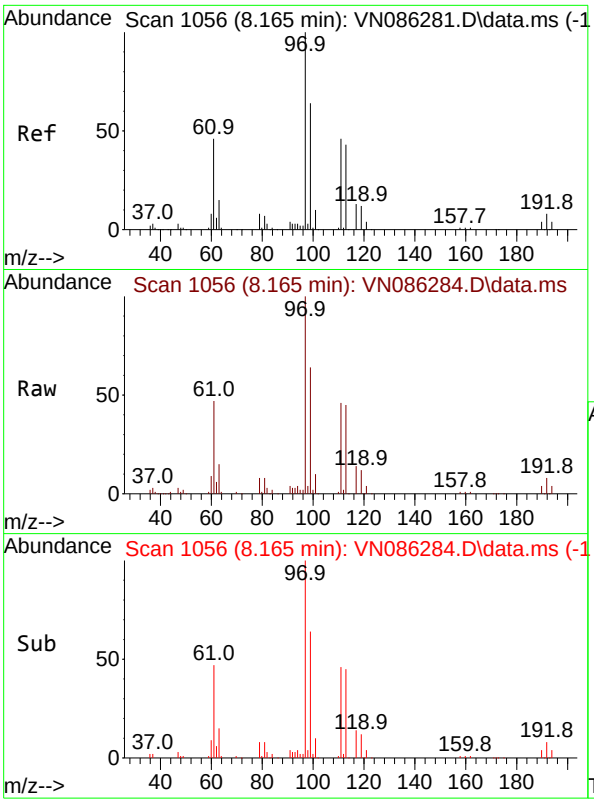


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:114 Resp: 435528

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	42.6
88	15.7	0.0	31.8

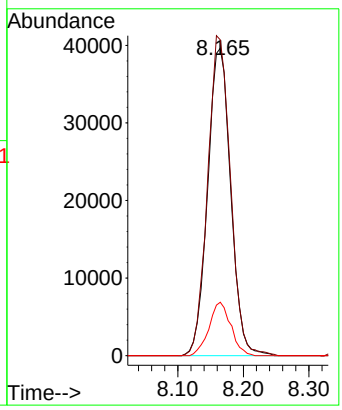




#35
Dibromofluoromethane
Concen: 47.865 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:113 Resp: 9675

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.0
192	16.5	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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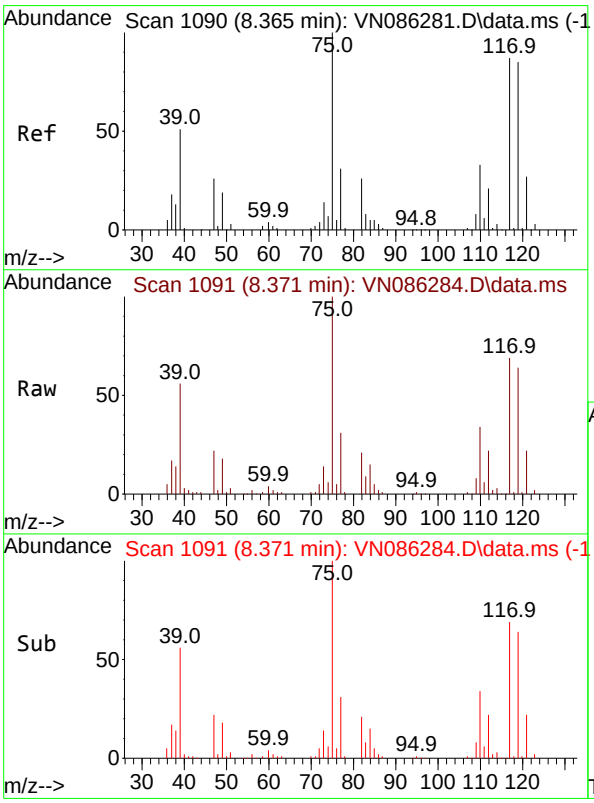
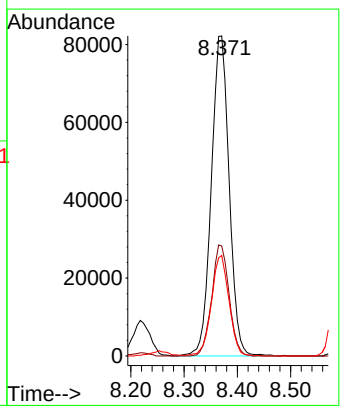
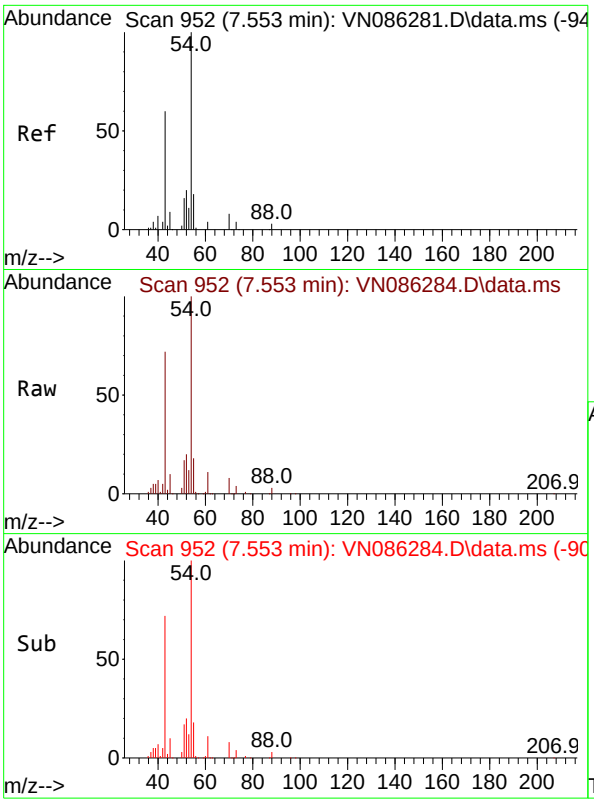


#36
1,1-Dichloropropene
Concen: 47.382 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 75 Resp: 191295

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.8	50.4
77	31.0	24.9	37.3

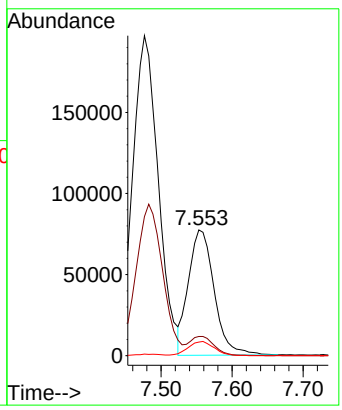




#37
Ethyl Acetate
Concen: 45.984 ug/l
RT: 7.553 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 19545

Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	11.5	9.2	13.8



Instrument :
MSVOA_N
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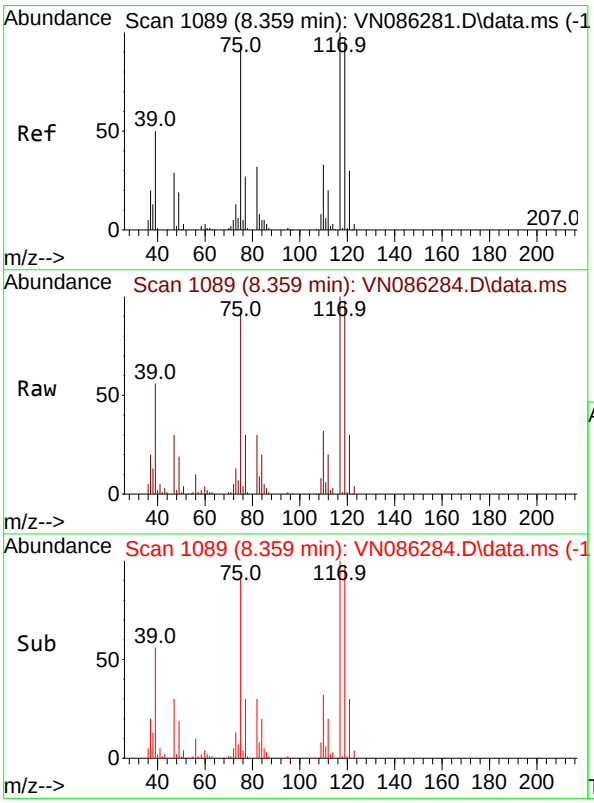
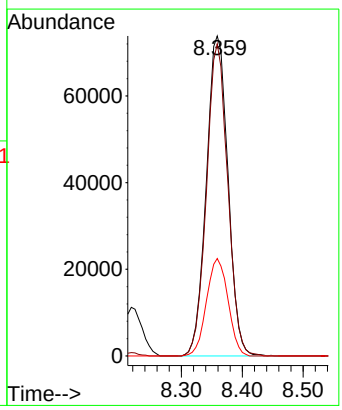
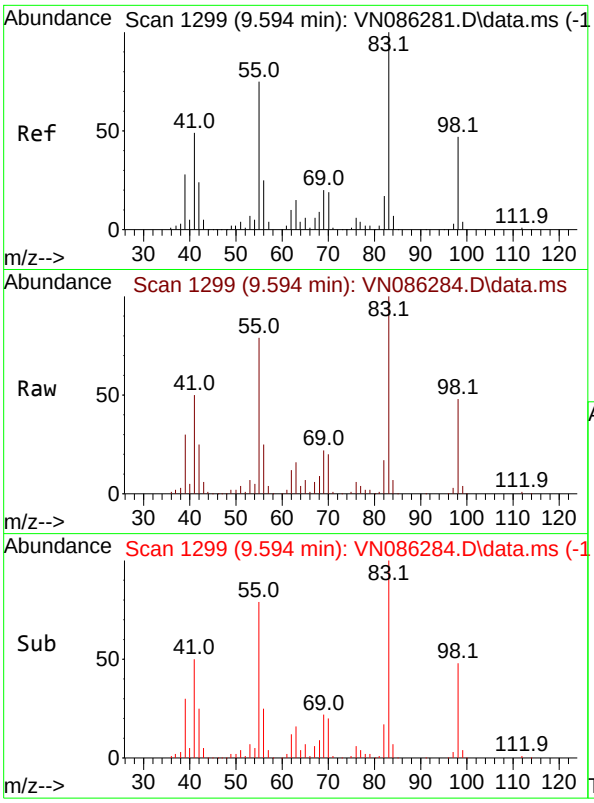


#38
Carbon Tetrachloride
Concen: 47.475 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:117 Resp: 182531

Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.8	115.2
121	30.5	23.8	35.8

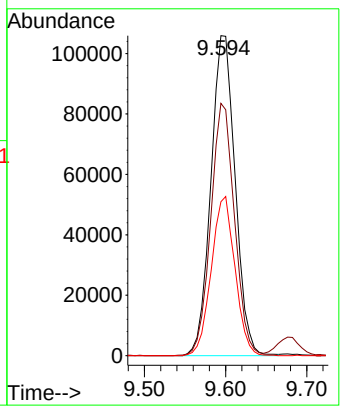




#39
Methylcyclohexane
Concen: 45.902 ug/l
RT: 9.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 83 Resp: 22027

Ion	Ratio	Lower	Upper
83	100		
55	78.7	59.8	89.8
98	48.1	37.9	56.9



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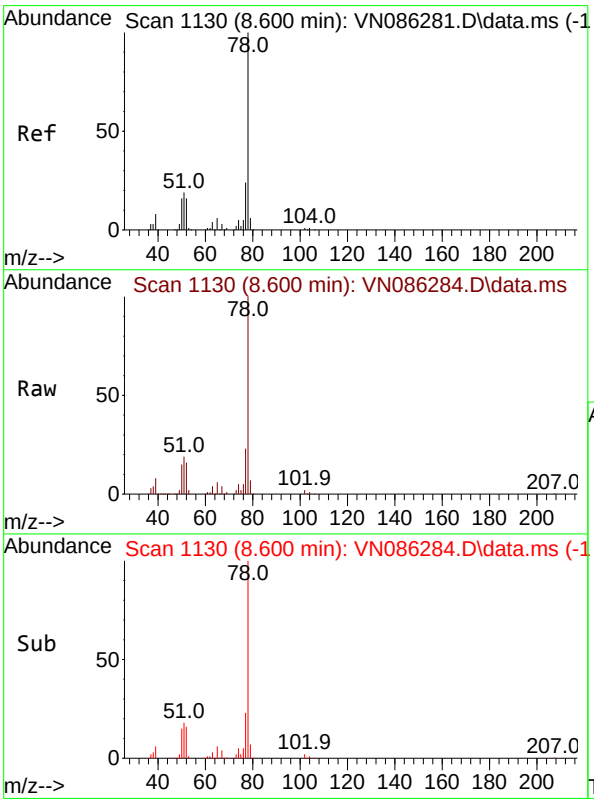
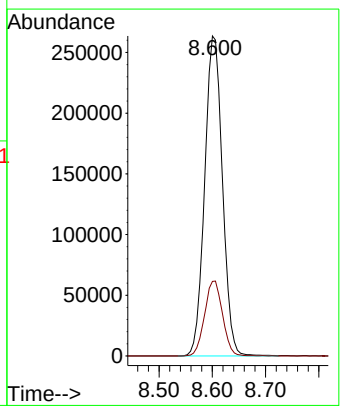
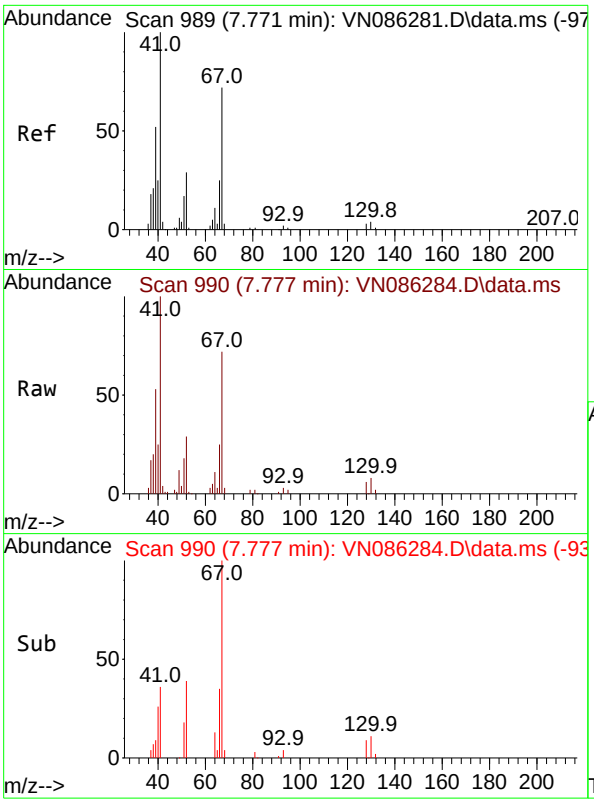


#40
Benzene
Concen: 47.168 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 78 Resp: 610128

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.4	29.2

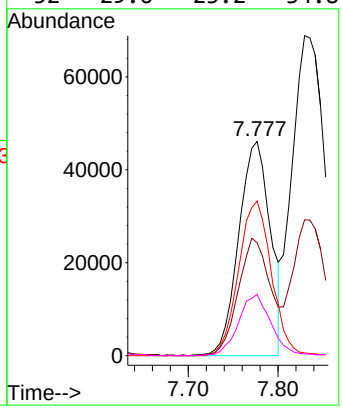




#41
Methacrylonitrile
Concen: 45.892 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 41 Resp: 11305

Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.0	64.4
67	75.1	58.8	88.2
52	29.6	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
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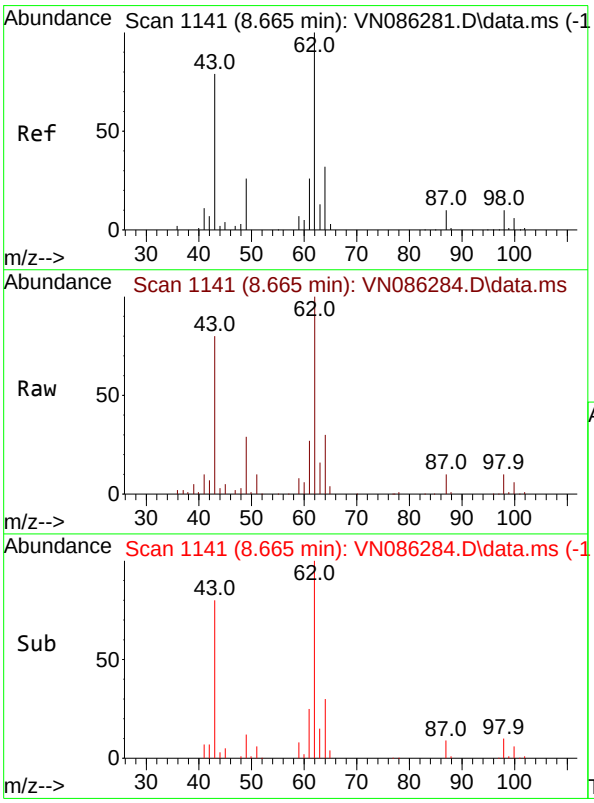
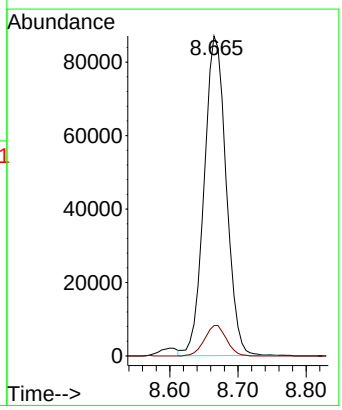
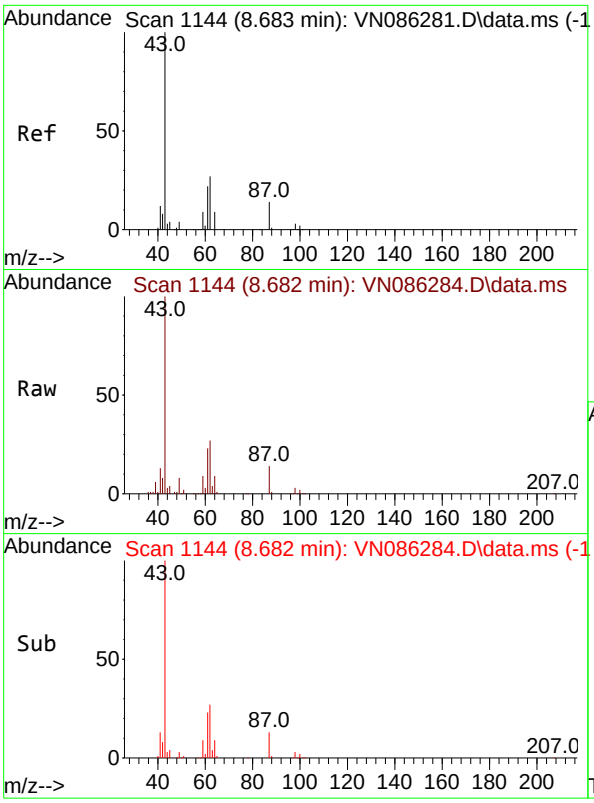


#42
1,2-Dichloroethane
Concen: 47.496 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 62 Resp: 195922

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43
Isopropyl Acetate
Concen: 48.649 ug/l
RT: 8.682 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 37057

Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.5	30.7
87	13.2	10.5	15.7

Instrument :
MSVOA_N
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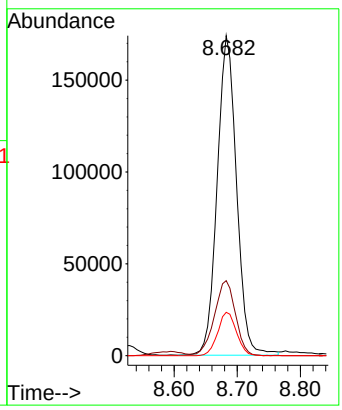
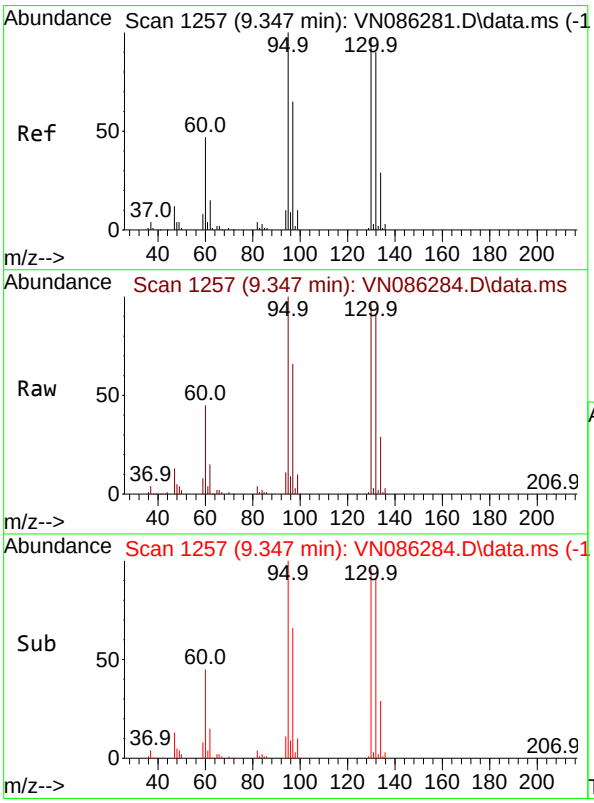
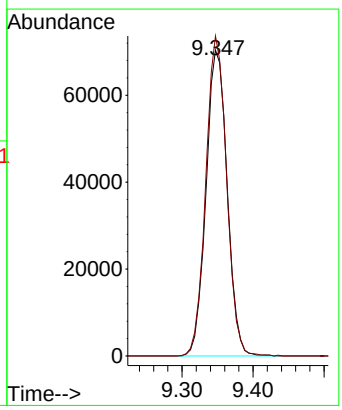


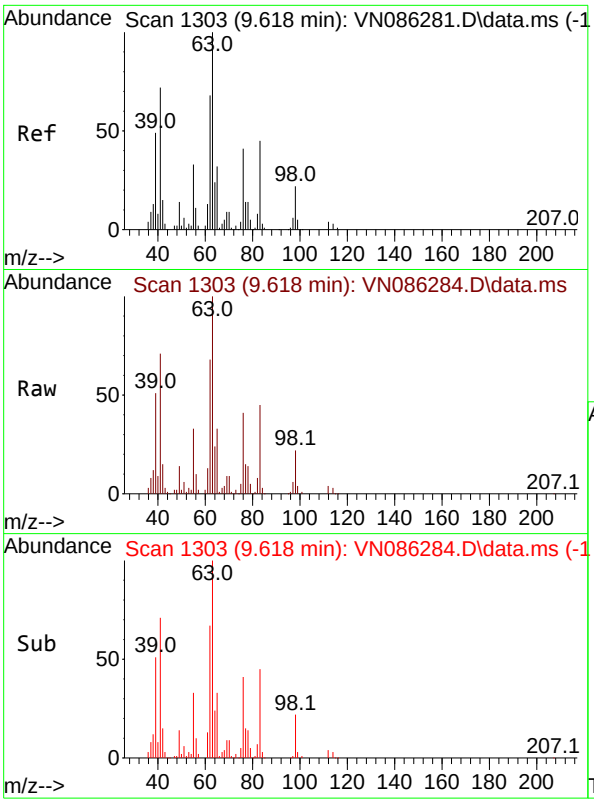


#44
Trichloroethene
Concen: 47.403 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:130 Resp: 145334

Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	207.2

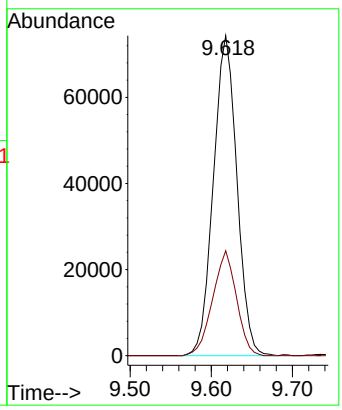




#45
1,2-Dichloropropane
Concen: 47.302 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 63 Resp: 14977

Ion	Ratio	Lower	Upper
63	100		
65	32.8	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
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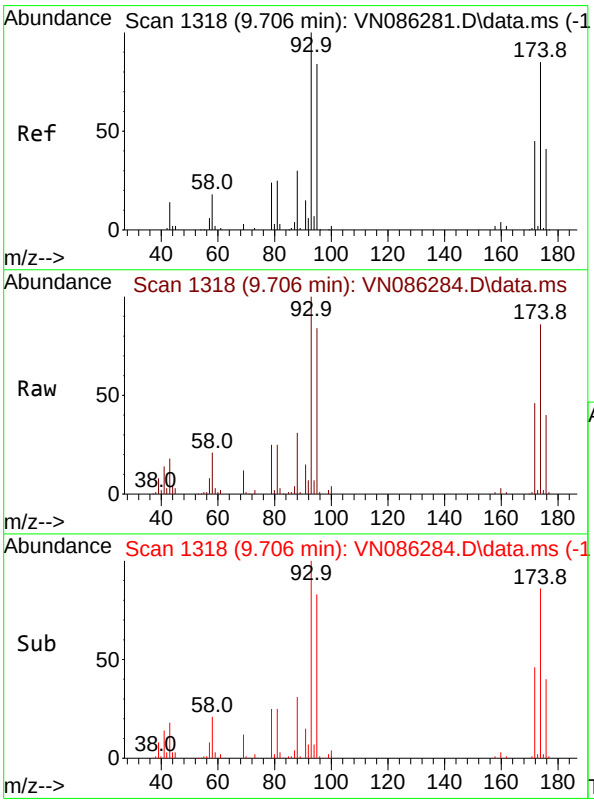
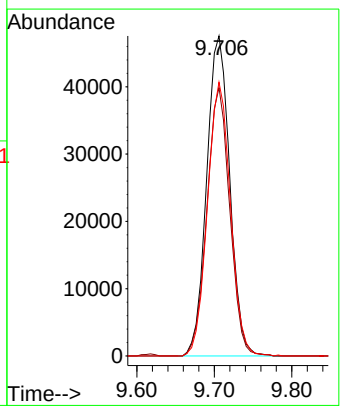
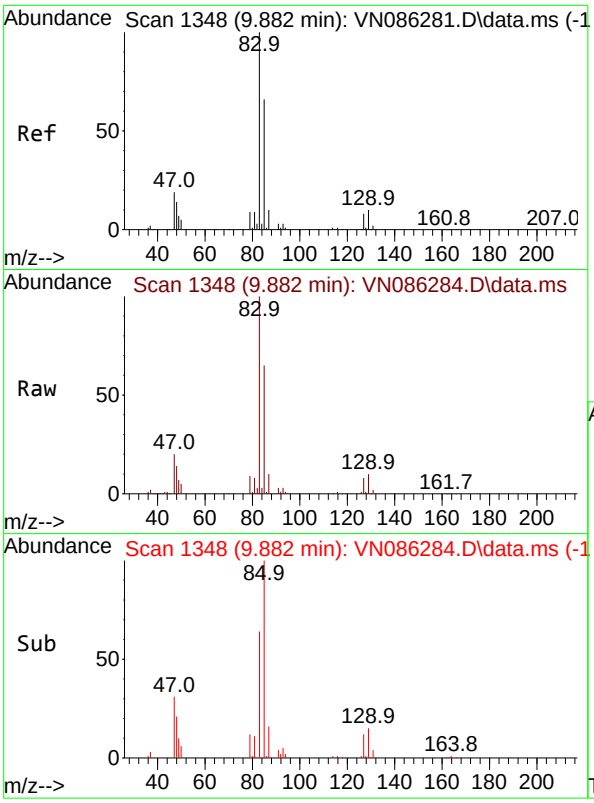


#46
Dibromomethane
Concen: 48.772 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 93 Resp: 98395

Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.2	99.4
174	85.1	67.8	101.6

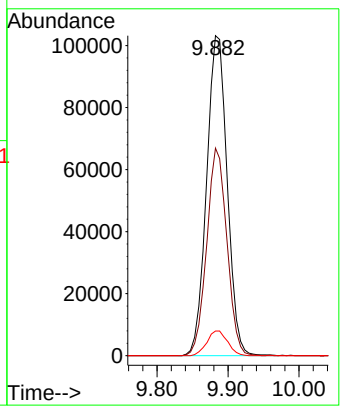




#47
Bromodichloromethane
Concen: 47.682 ug/l
RT: 9.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 83 Resp: 20776

Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.6	78.8
127	7.7	6.1	9.1



Instrument :
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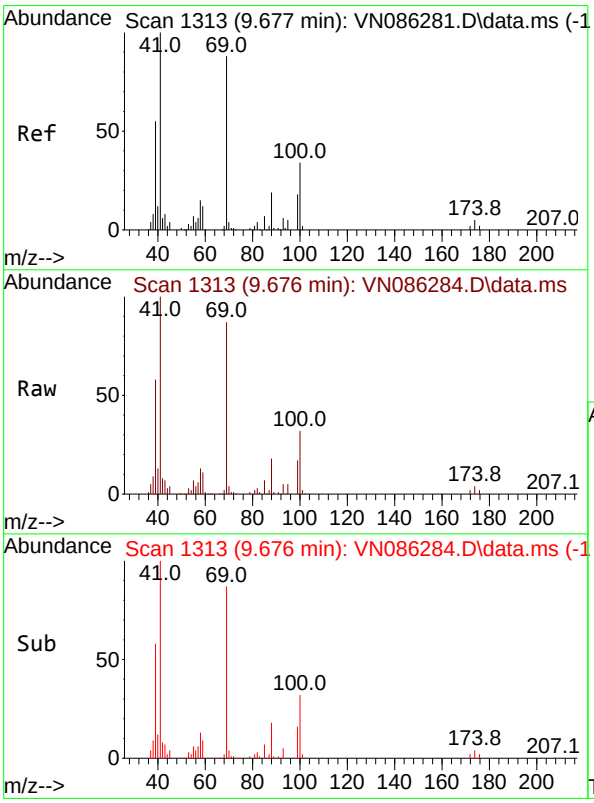
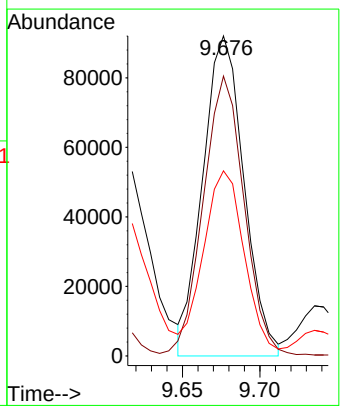
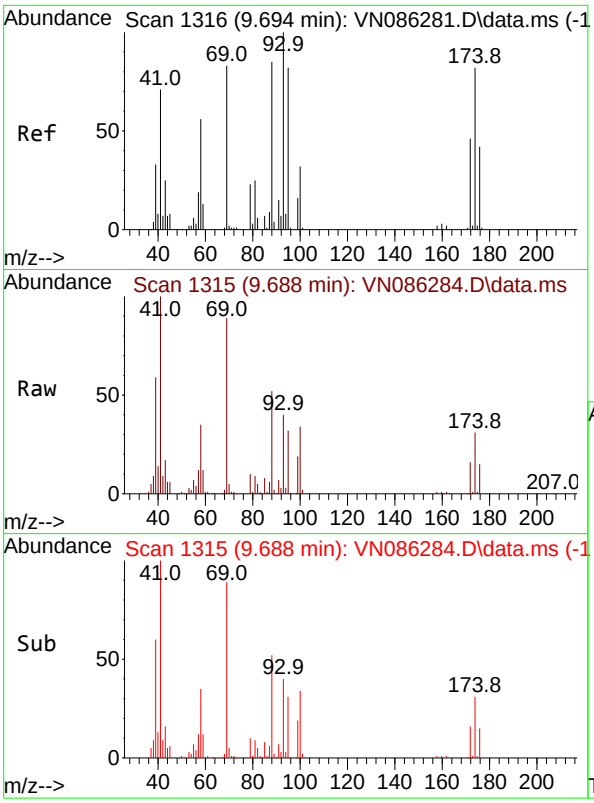


#48
Methyl methacrylate
Concen: 45.546 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 41 Resp: 170007

Ion	Ratio	Lower	Upper
41	100		
69	87.5	68.2	102.2
39	58.2	45.2	67.8





#49
1,4-Dioxane
Concen: 929.893 ug/l
RT: 9.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 88 Resp: 5904

Ion	Ratio	Lower	Upper
88	100		
43	27.8	23.8	35.8
58	72.2	57.4	86.2

Instrument :
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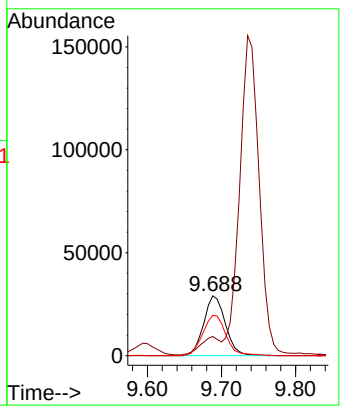
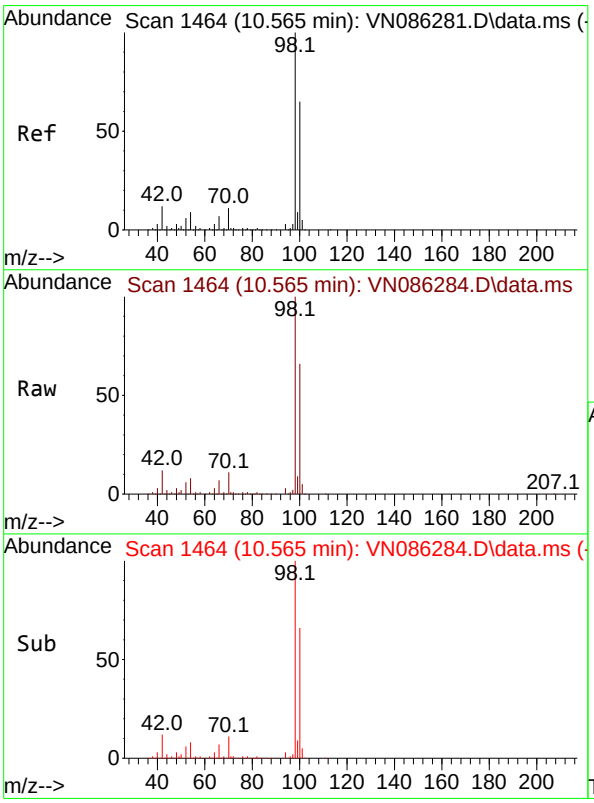
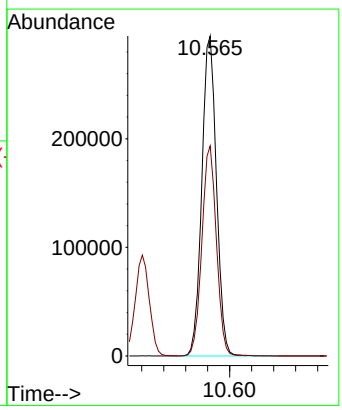


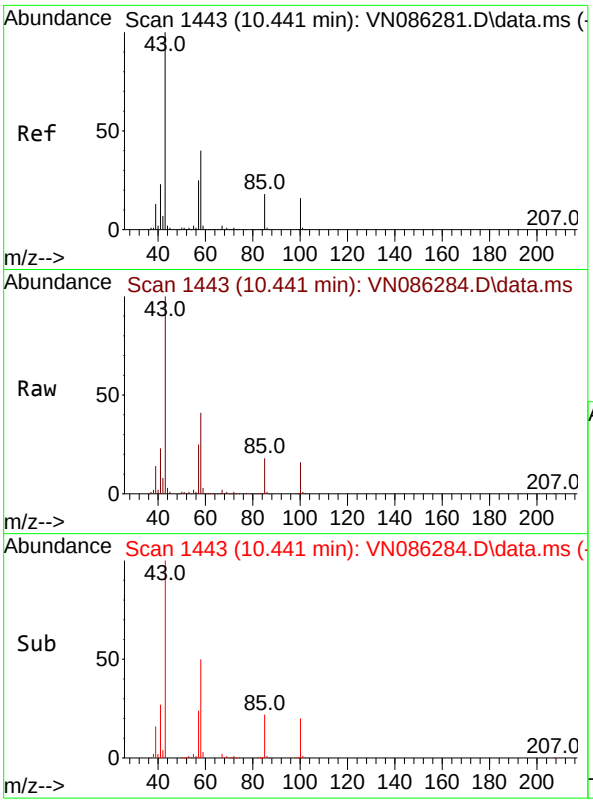


#50
Toluene-d8
Concen: 50.251 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 98 Resp: 542858

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7

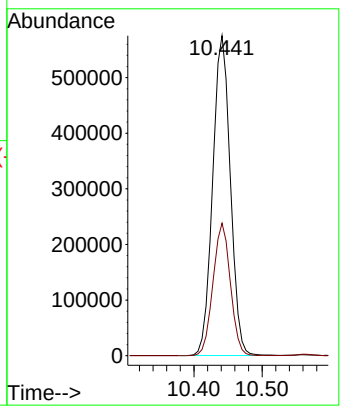




#51
4-Methyl-2-Pentanone
Concen: 238.220 ug/l
RT: 10.441 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 103684

Ion	Ratio	Lower	Upper
43	100		
58	40.8	32.2	48.4



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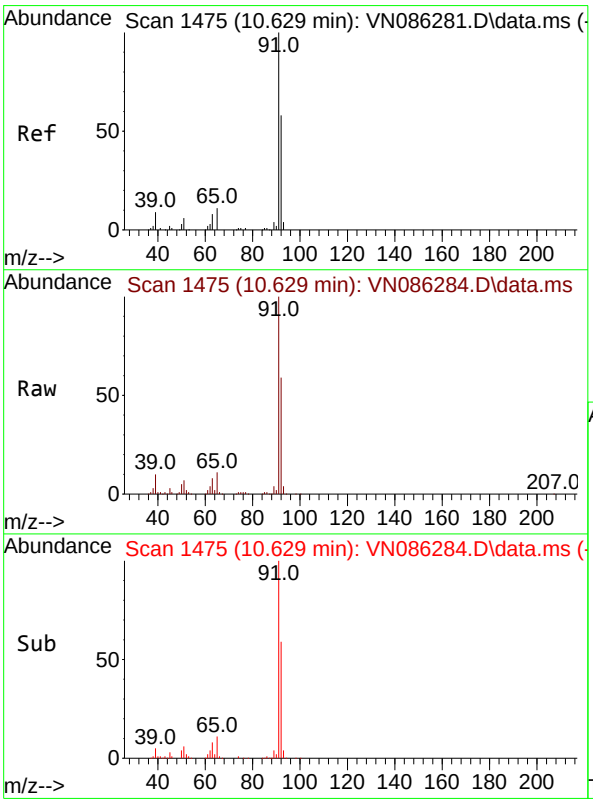
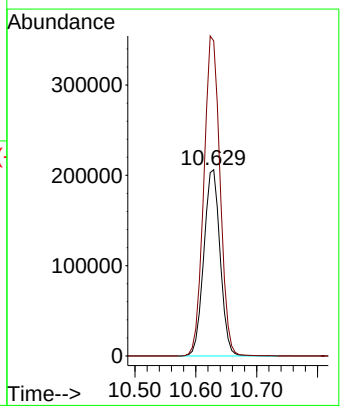
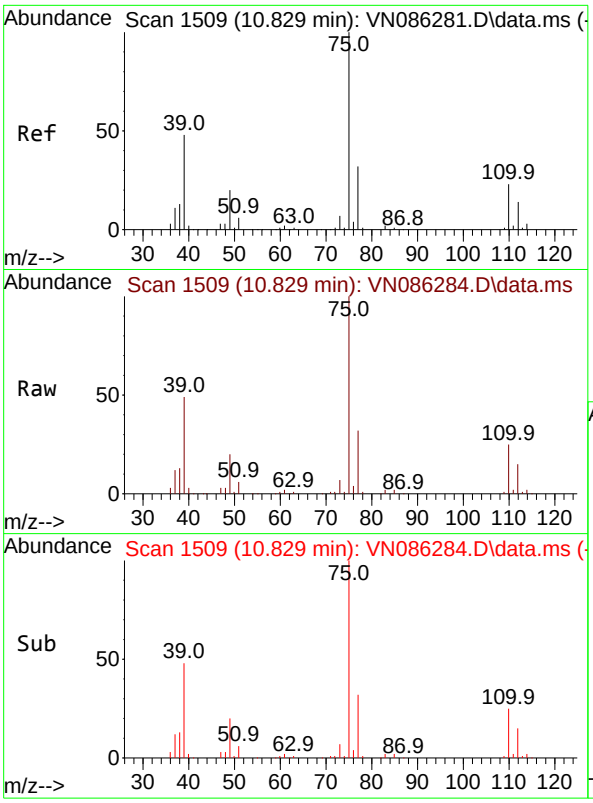


#52
Toluene
Concen: 47.453 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 92 Resp: 383010

Ion	Ratio	Lower	Upper
92	100		
91	171.3	137.3	205.9

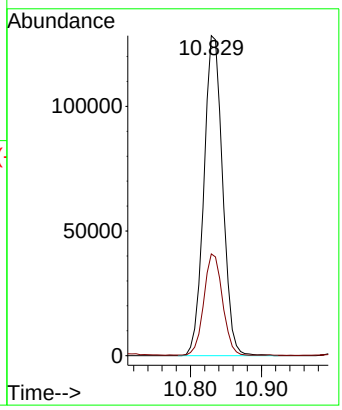




#53
t-1,3-Dichloropropene
Concen: 48.360 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 75 Resp: 23522

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.0



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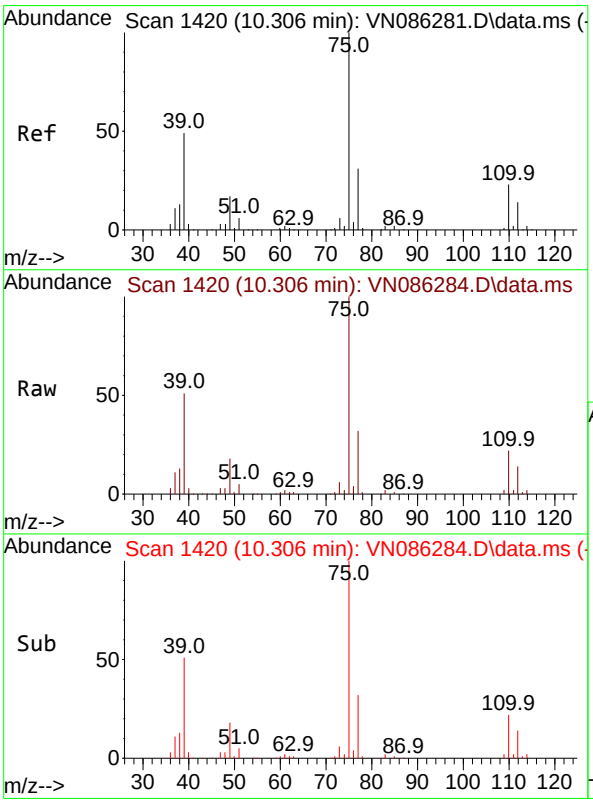
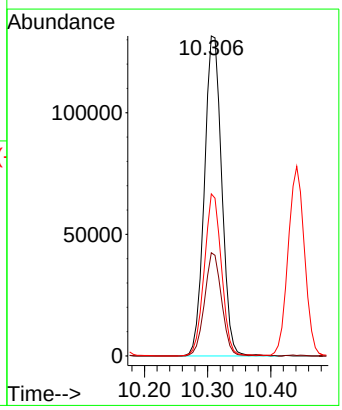
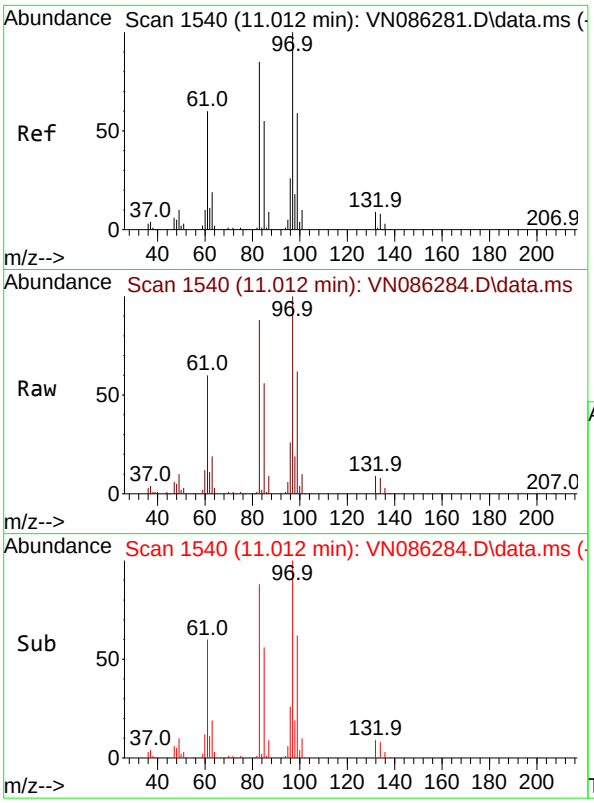


#54
cis-1,3-Dichloropropene
Concen: 46.923 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 75 Resp: 250676

Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.2	37.8
39	50.7	39.3	58.9

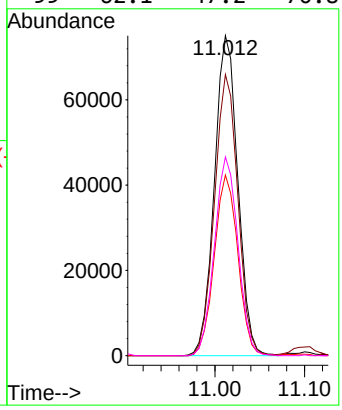




#55
1,1,2-Trichloroethane
Concen: 46.911 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 97 Resp: 13622

Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.4	102.6
85	56.5	43.9	65.9
99	62.1	47.2	70.8



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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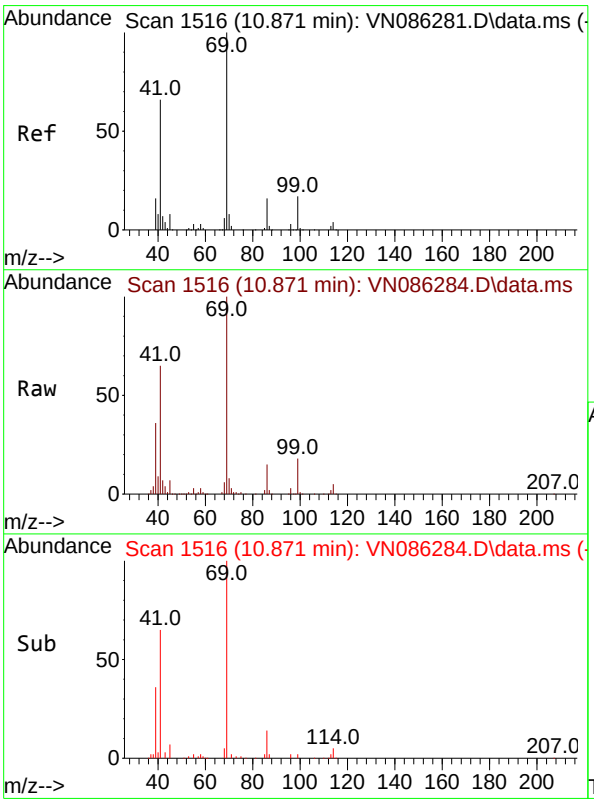
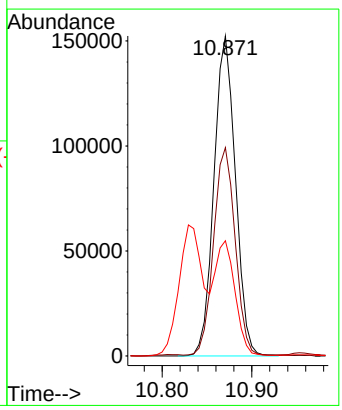
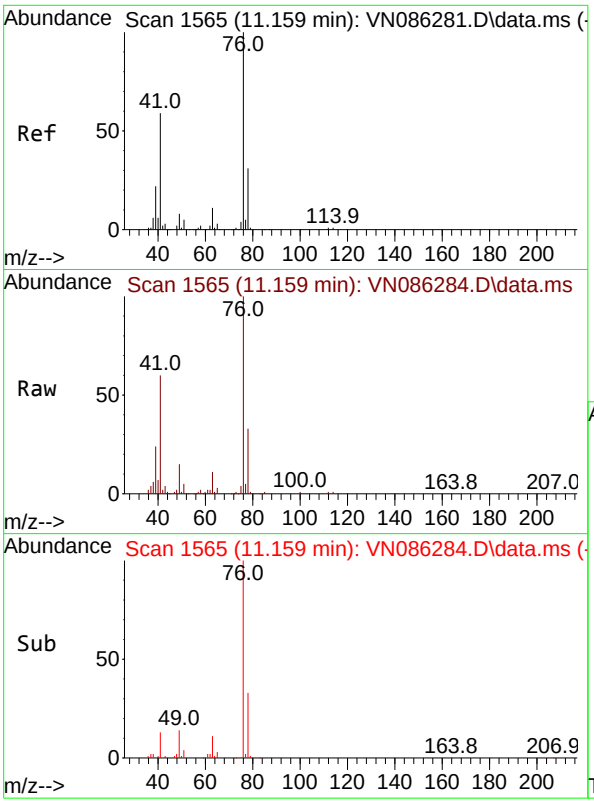


#56
Ethyl methacrylate
Concen: 47.414 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 69 Resp: 253092

Ion	Ratio	Lower	Upper
69	100		
41	65.3	51.7	77.5
39	33.1	26.3	39.5

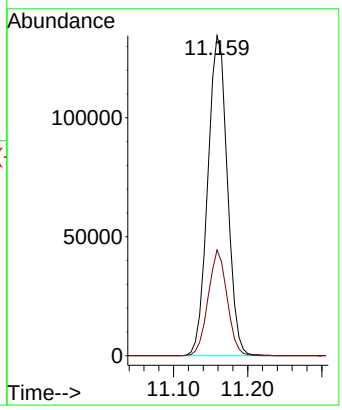




#57
1,3-Dichloropropane
Concen: 47.770 ug/l
RT: 11.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 76 Resp: 24612

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4



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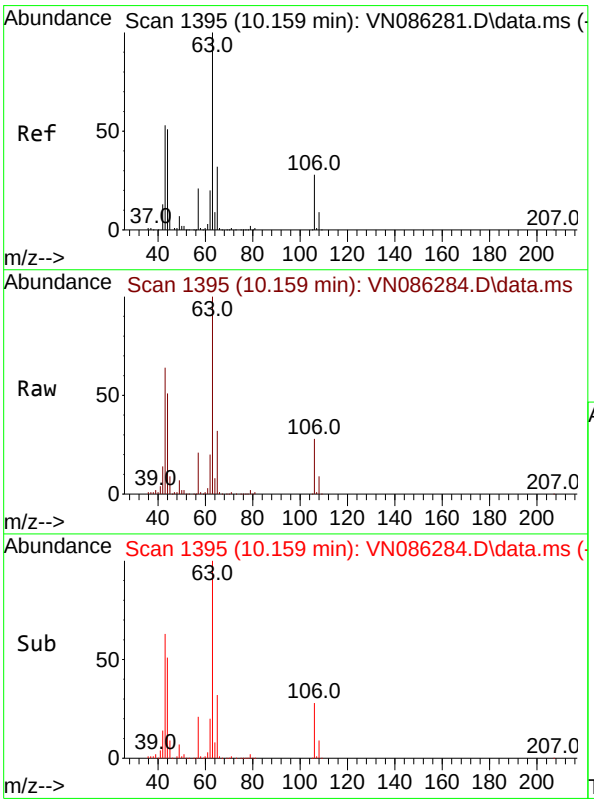
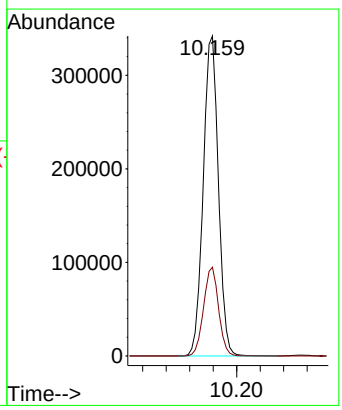
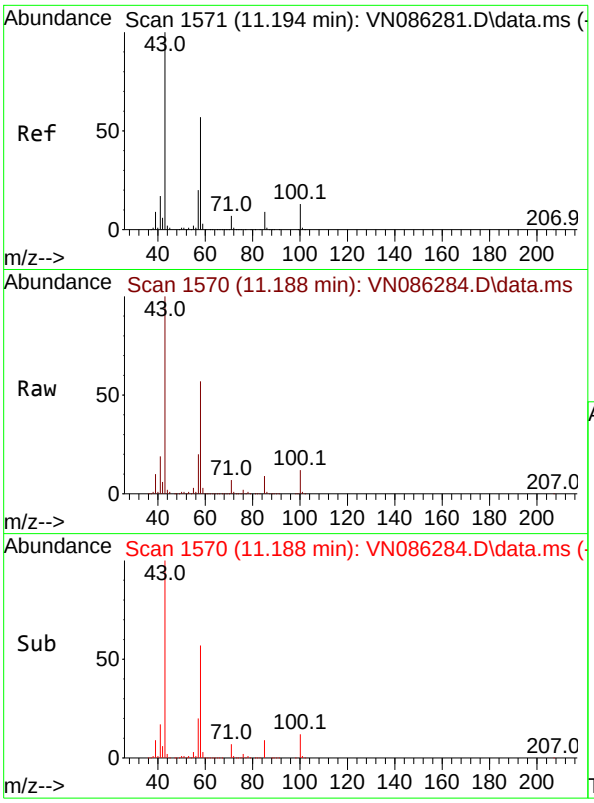


#58
2-Chloroethyl Vinyl ether
Concen: 241.924 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 63 Resp: 612932

Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.2	33.2





#59
2-Hexanone
Concen: 235.364 ug/l
RT: 11.188 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 75984

Ion	Ratio	Lower	Upper
43	100		
58	57.3	28.3	85.0

Instrument :
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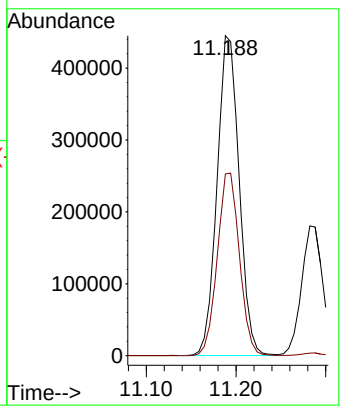
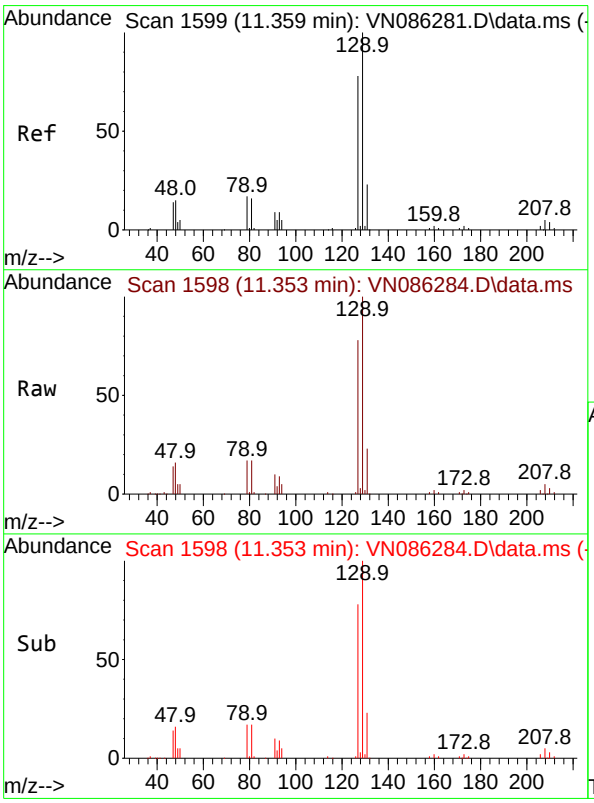
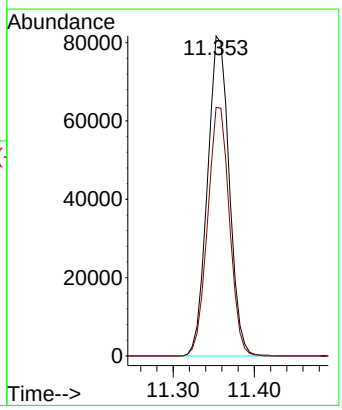


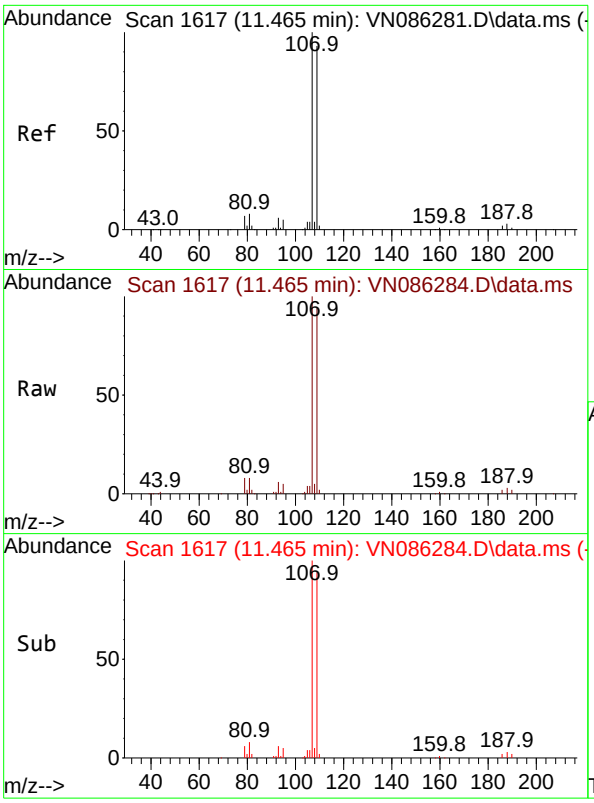


#60
Dibromochloromethane
Concen: 47.767 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:129 Resp: 152321

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.7	116.1

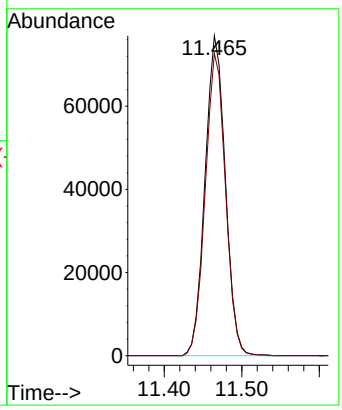




#61
1,2-Dibromoethane
Concen: 47.777 ug/l
RT: 11.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:107 Resp: 13999

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.4	113.0



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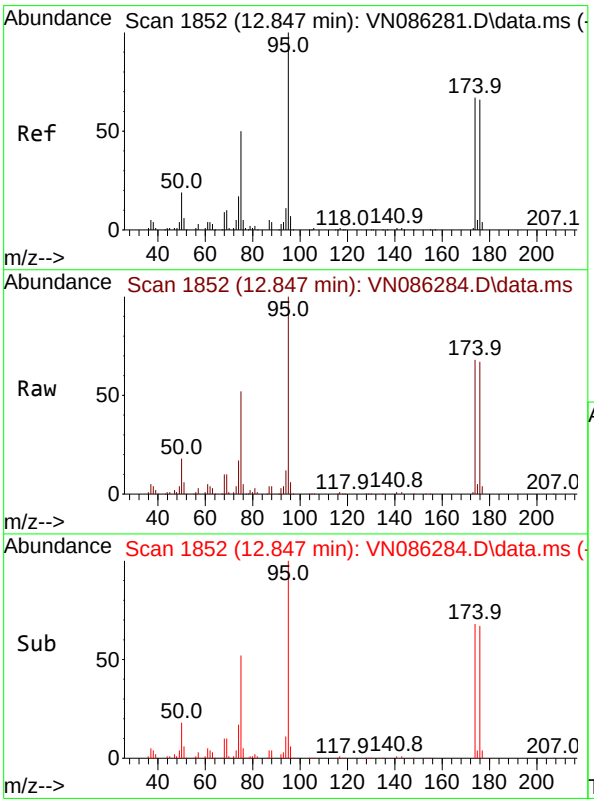
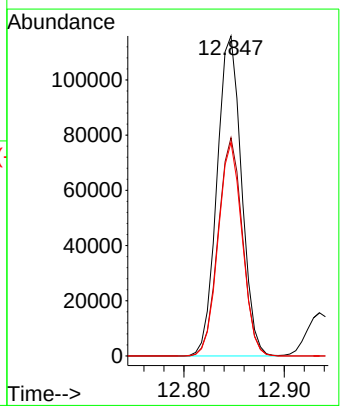
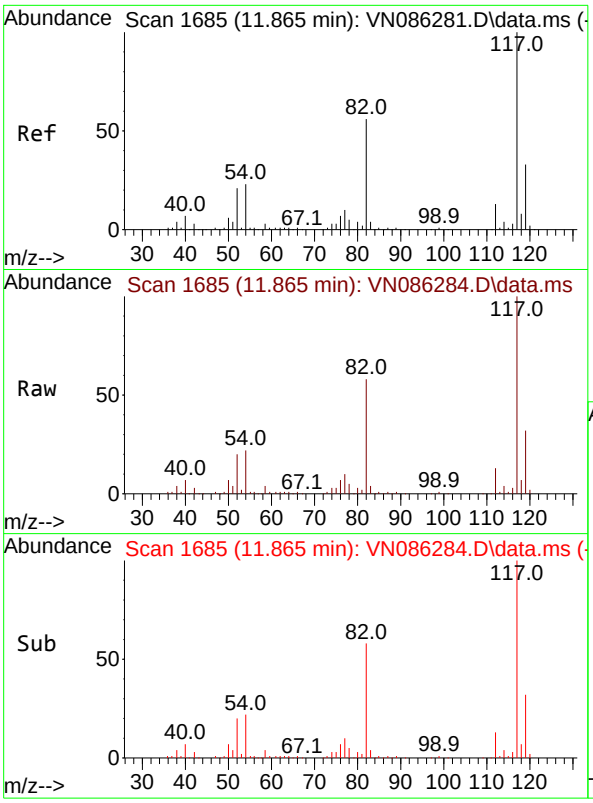


#62
4-Bromofluorobenzene
Concen: 49.950 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 95 Resp: 196820

Ion	Ratio	Lower	Upper
95	100		
174	67.3	0.0	133.4
176	65.1	0.0	129.2

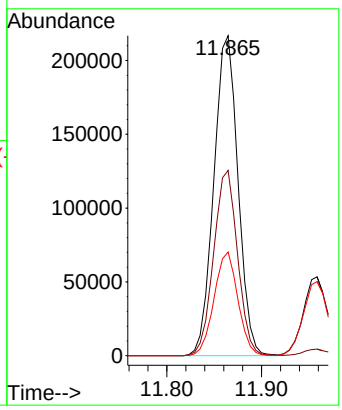




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:117 Resp: 38460

Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.7	67.1
119	32.4	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
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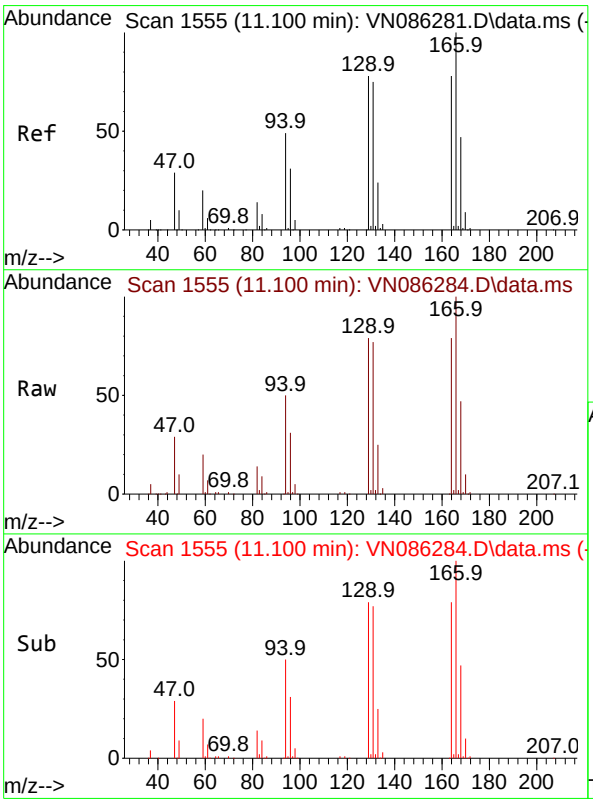
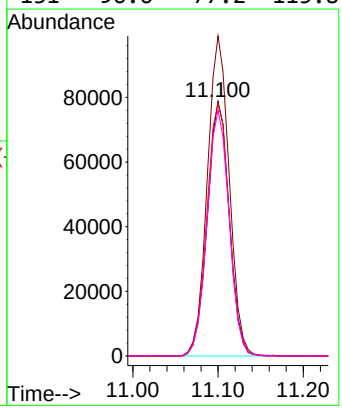
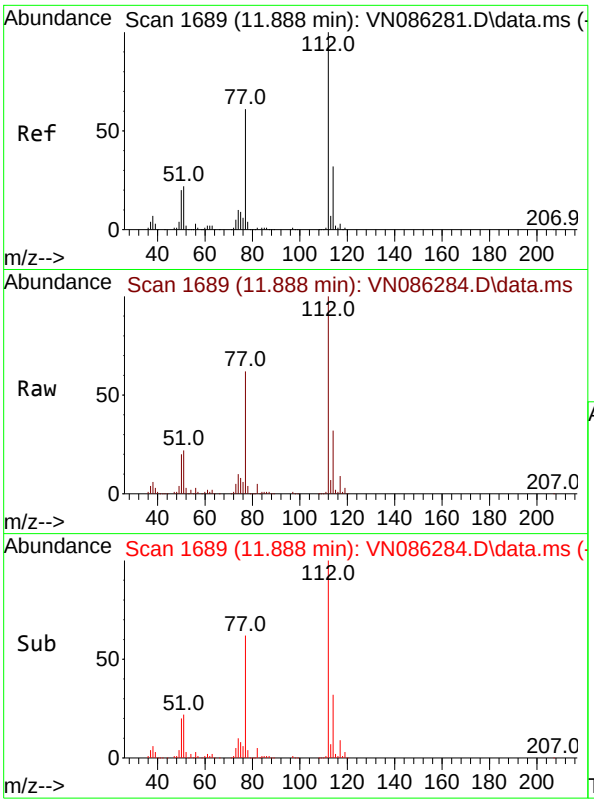


#64
Tetrachloroethene
Concen: 47.439 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:164 Resp: 140342

Ion	Ratio	Lower	Upper
164	100		
166	125.8	103.0	154.4
129	99.3	80.1	120.1
131	96.6	77.2	115.8

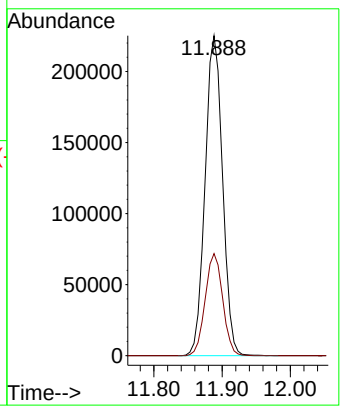




#65
Chlorobenzene
Concen: 46.735 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:112 Resp: 40112

Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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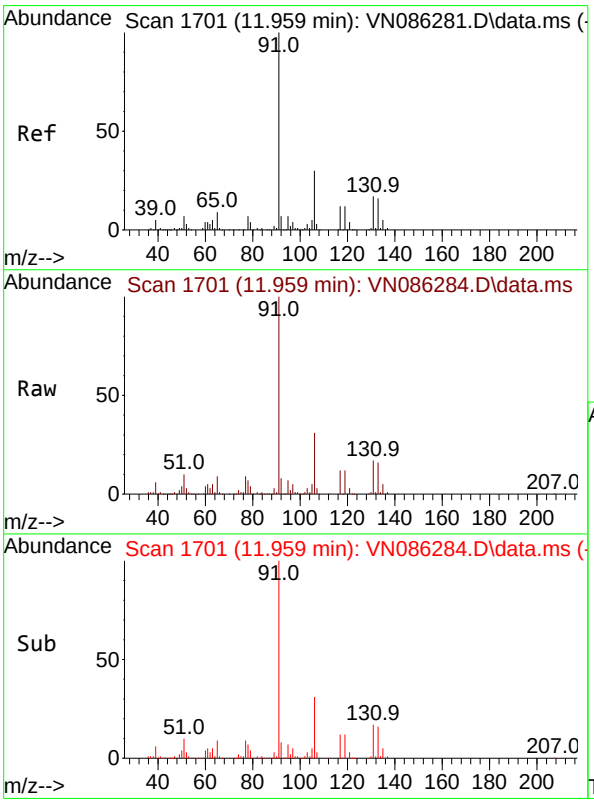
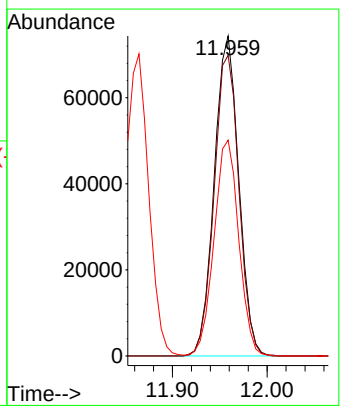
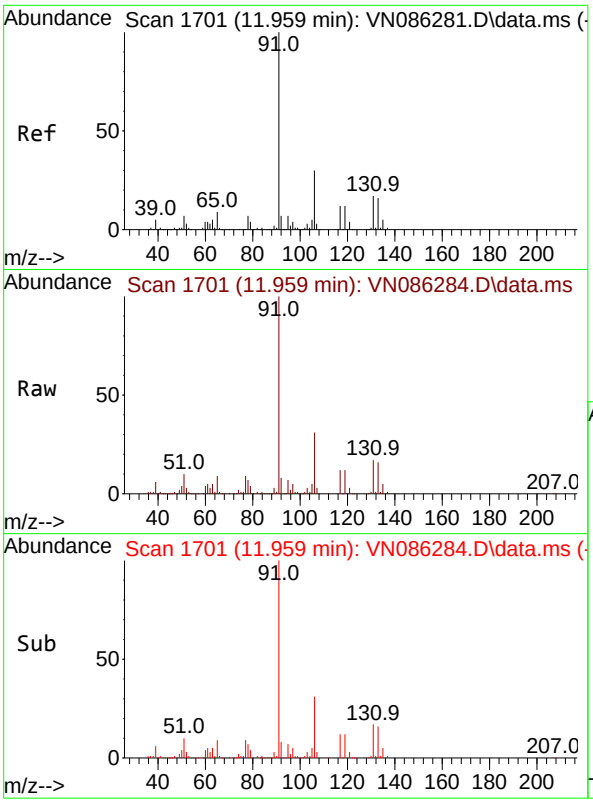


#66
1,1,1,2-Tetrachloroethane
Concen: 47.238 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:131 Resp: 133755

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.1	141.3
119	68.1	33.8	101.4

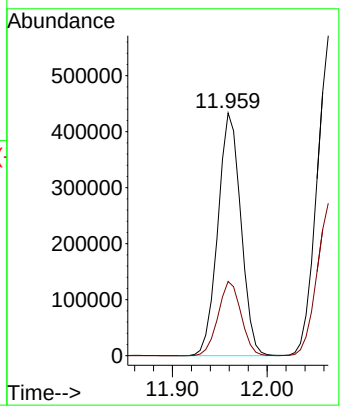




#67
Ethyl Benzene
Concen: 47.196 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 91 Resp: 73098

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.3	36.5



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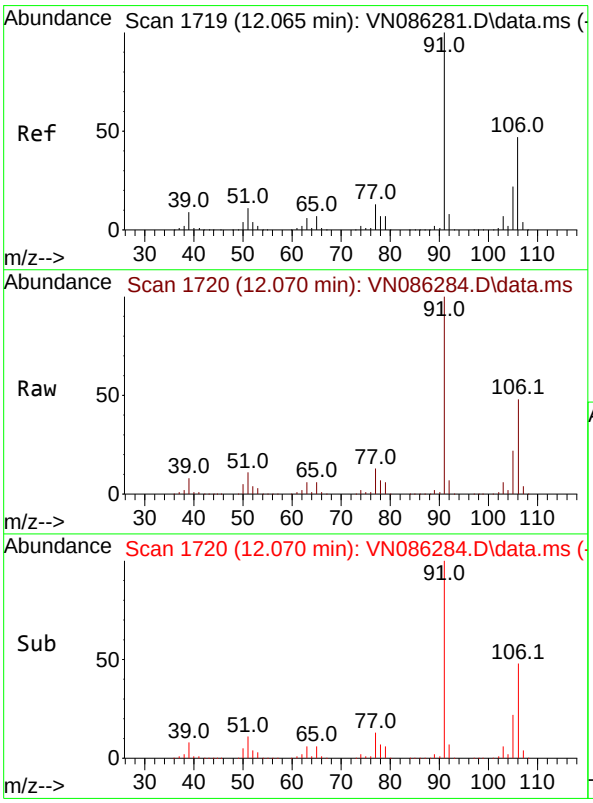
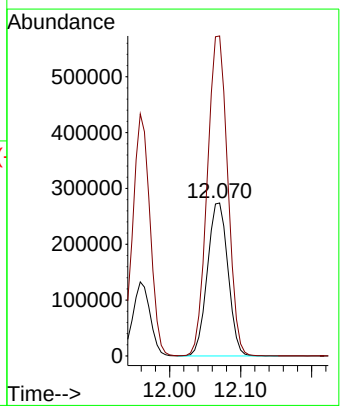
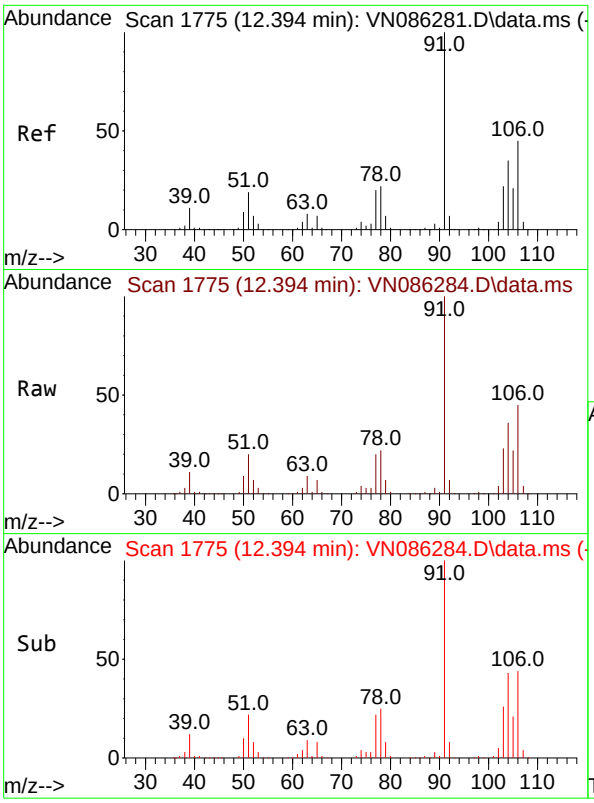


#68
m/p-Xylenes
Concen: 94.994 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:106 Resp: 551289

Ion	Ratio	Lower	Upper
106	100		
91	207.6	166.5	249.7





#69
o-Xylene
Concen: 47.043 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:106 Resp: 26999

Ion	Ratio	Lower	Upper
106	100		
91	219.8	109.7	329.0

Instrument :
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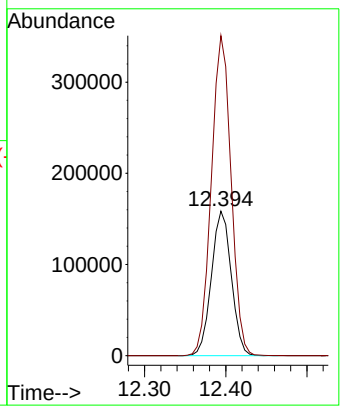
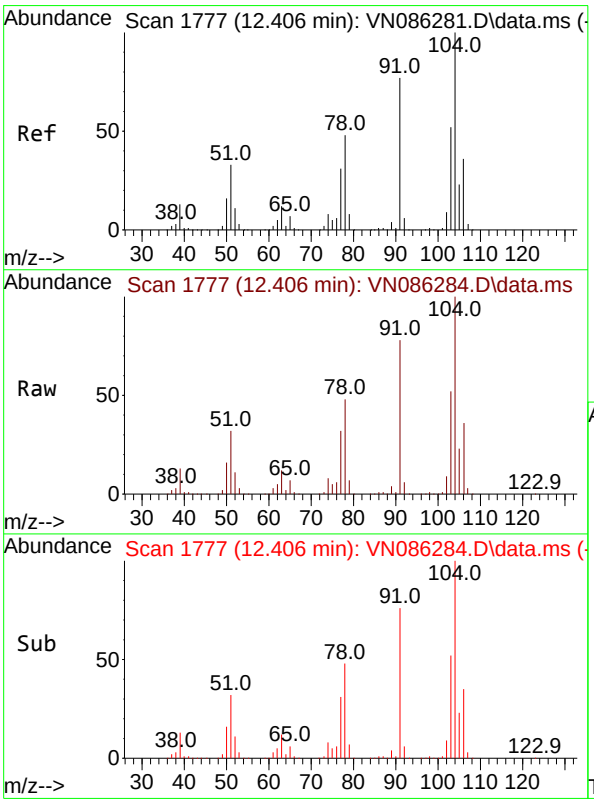
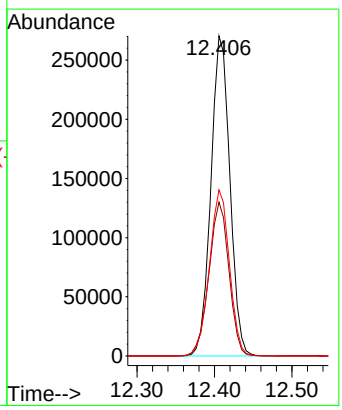


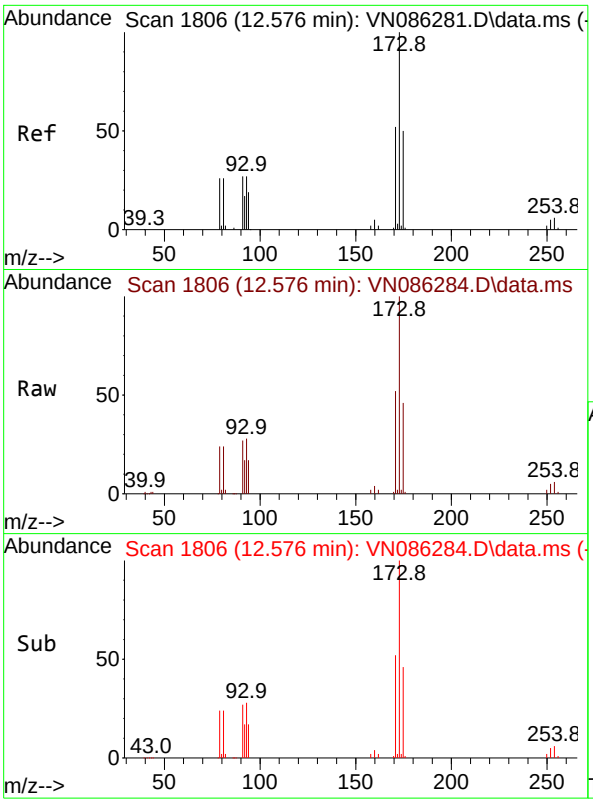


#70
Styrene
Concen: 48.138 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:104 Resp: 460331

Ion	Ratio	Lower	Upper
104	100		
78	50.6	40.6	61.0
103	54.7	43.6	65.4

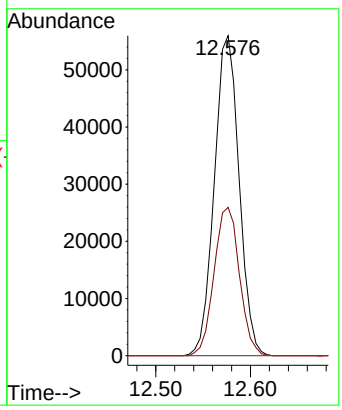




#71
Bromoform
Concen: 47.634 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:173 Resp: 10154

Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.6	73.6
254	0.0	0.0	0.0



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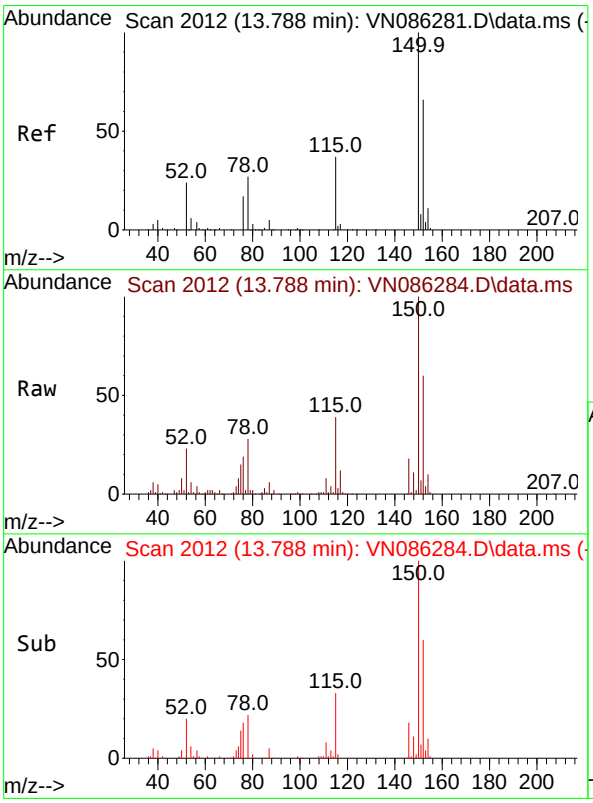
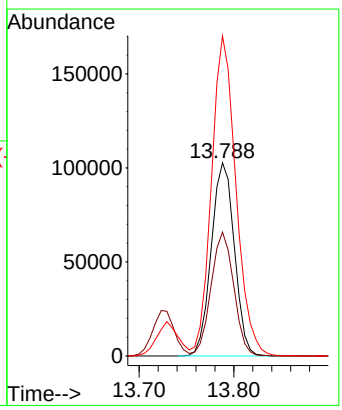
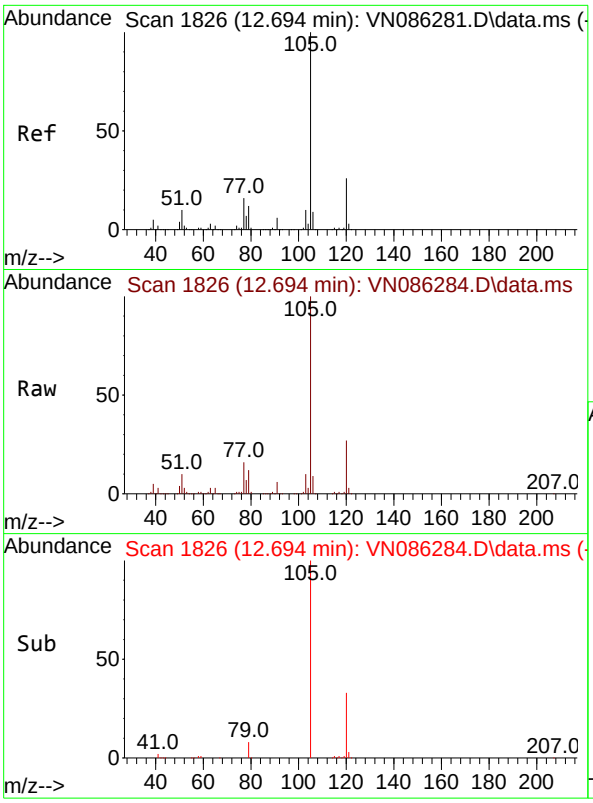


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:152 Resp: 173902

Ion	Ratio	Lower	Upper
152	100		
115	63.1	31.9	95.9
150	175.2	0.0	352.0

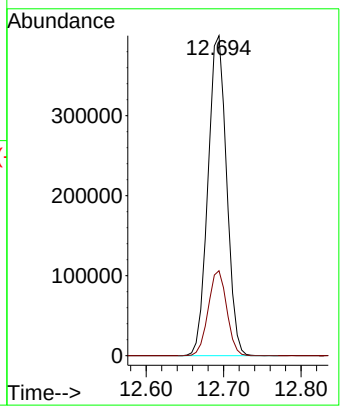




#73
Isopropylbenzene
Concen: 46.930 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:105 Resp: 66760

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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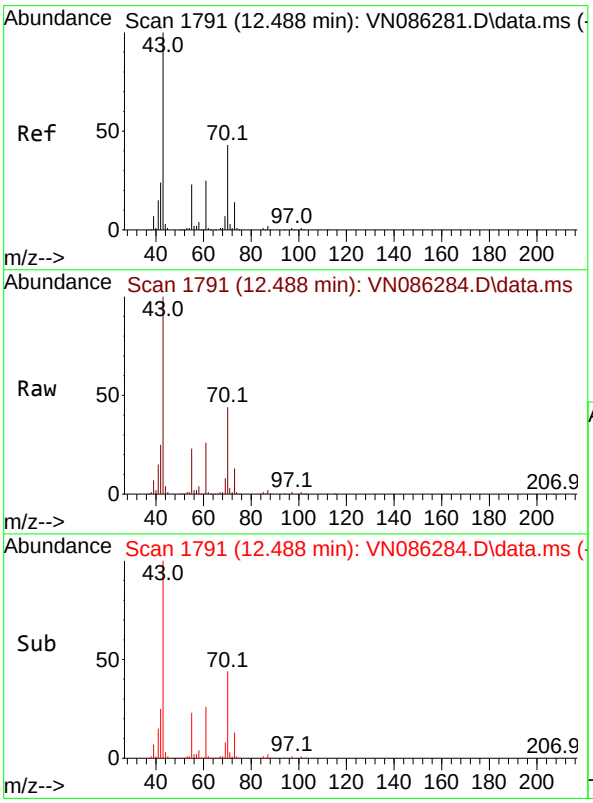
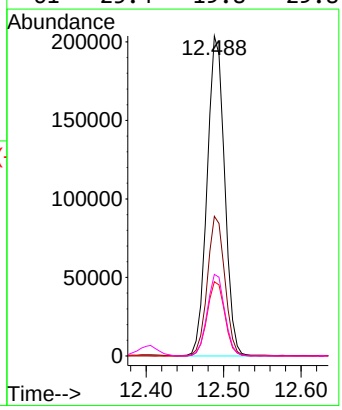
Supervised By :Semsettin Yesilyurt 04/16/2025

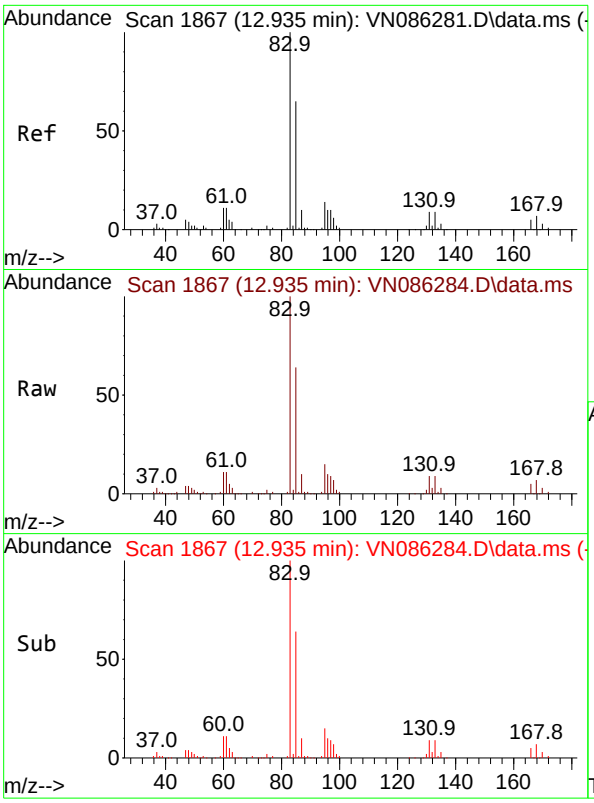


#74
N-amyl acetate
Concen: 45.241 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 43 Resp: 320394

Ion	Ratio	Lower	Upper
43	100		
70	43.4	35.0	52.4
55	23.5	19.0	28.4
61	25.4	19.8	29.8

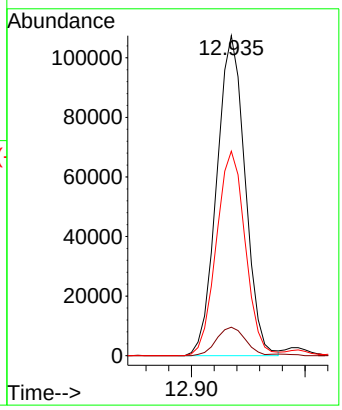




#75
1,1,2,2-Tetrachloroethane
Concen: 45.501 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 83 Resp: 18611

Ion	Ratio	Lower	Upper
83	100		
131	9.1	4.7	14.1
85	65.1	32.7	98.1



Instrument :
MSVOA_N
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ICVVN041525

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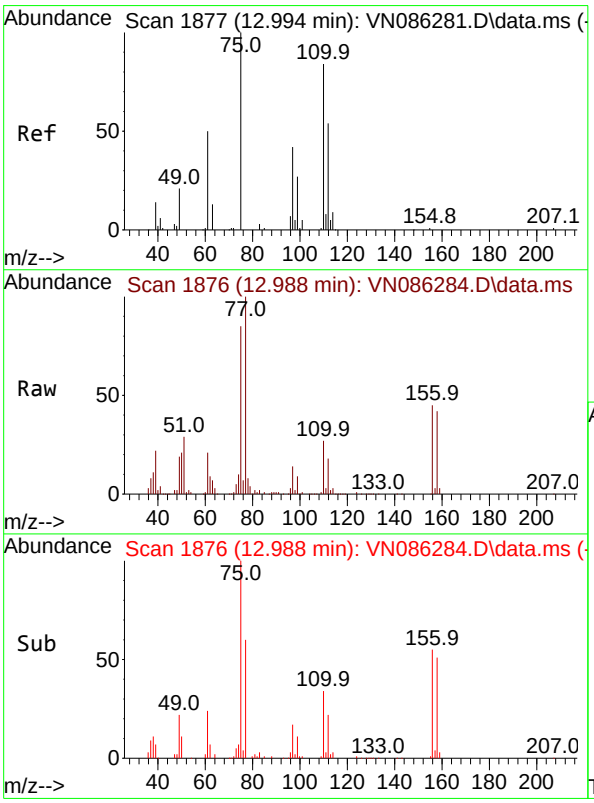
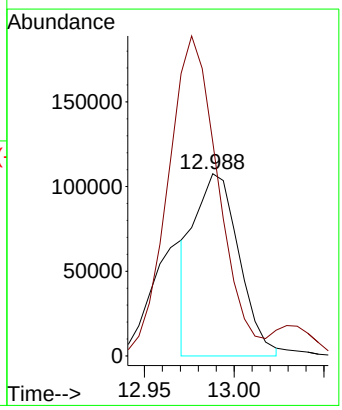
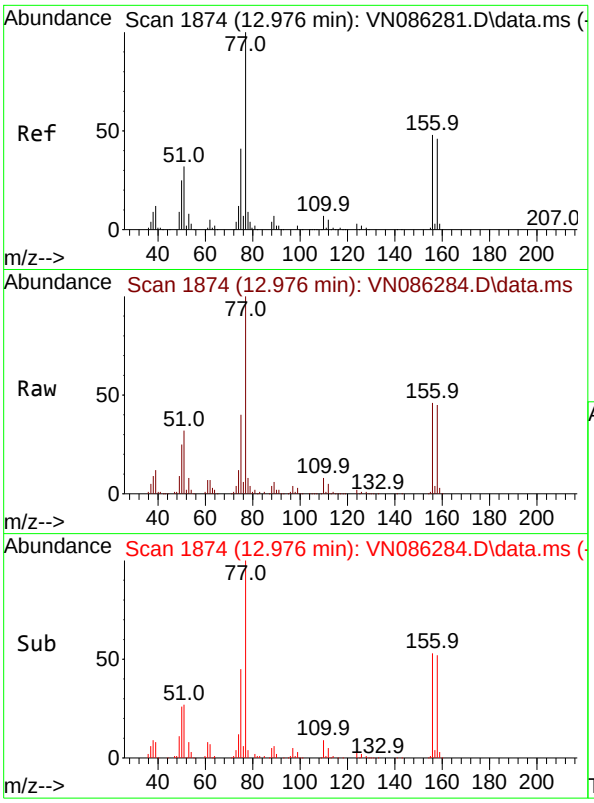


#76
1,2,3-Trichloropropane
Concen: 45.680 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 75 Resp: 187464

Ion	Ratio	Lower	Upper
75	100		
77	197.7	98.8	296.4

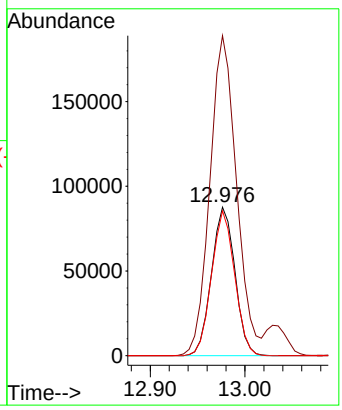




#77
Bromobenzene
Concen: 47.860 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:156 Resp: 15085

Ion	Ratio	Lower	Upper
156	100		
77	245.6	121.1	363.1
158	96.3	47.9	143.6



Instrument :
MSVOA_N
ClientSampleId :
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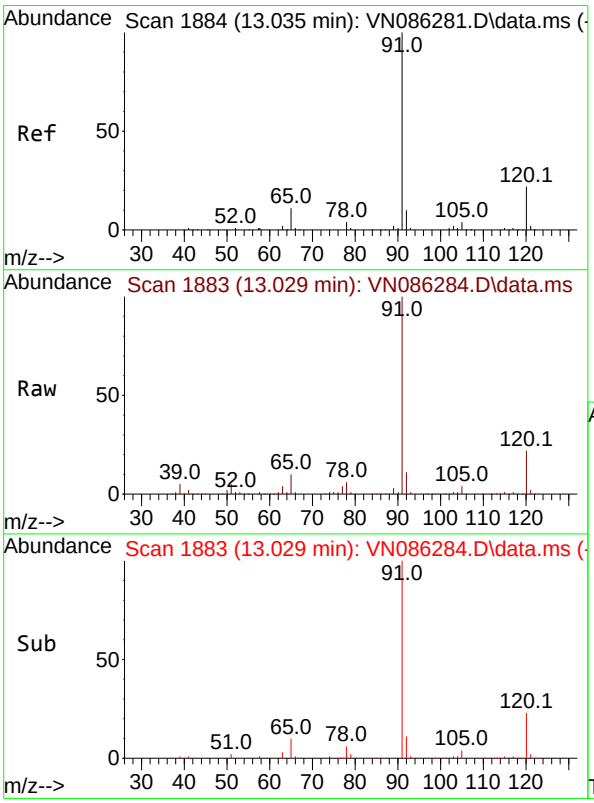
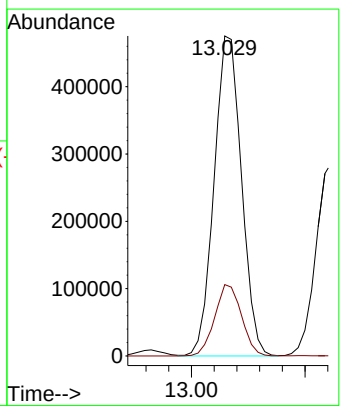
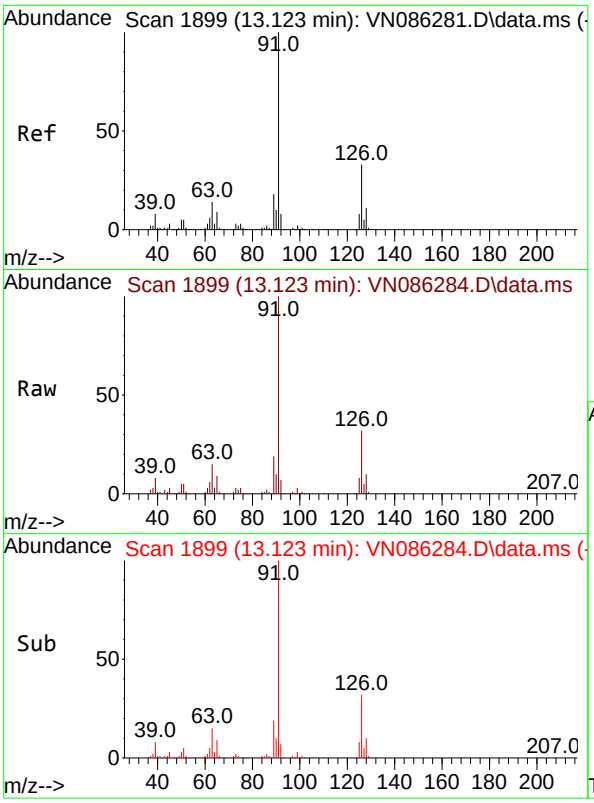


#78
n-propylbenzene
Concen: 47.420 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 91 Resp: 794892

Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.1	33.3

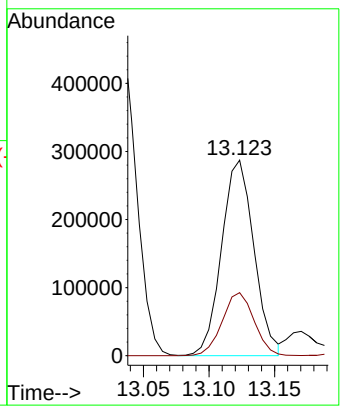




#79
2-Chlorotoluene
Concen: 47.012 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 91 Resp: 49312

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.1	48.2



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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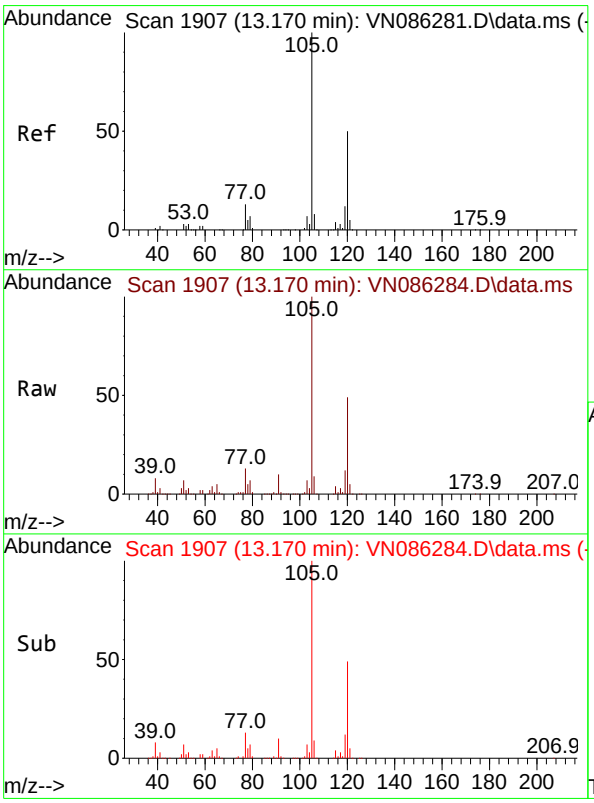
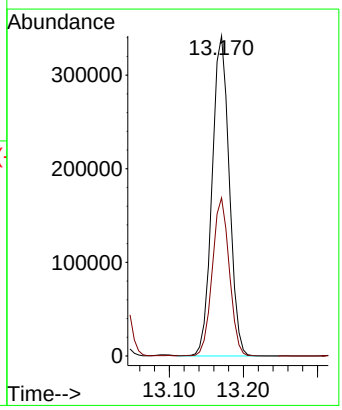
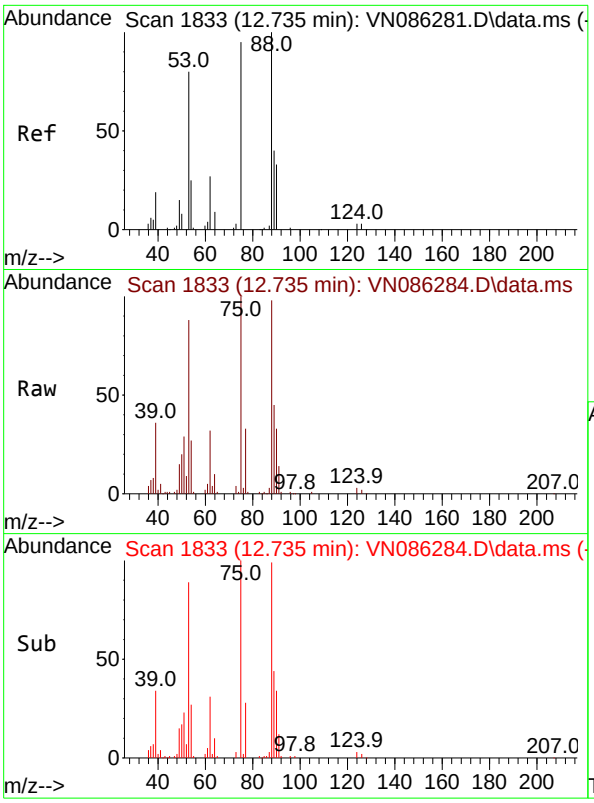


#80
1,3,5-Trimethylbenzene
Concen: 47.241 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:105 Resp: 550039

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.639 ug/l m
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Tgt Ion: 75 Resp: 8482

Ion	Ratio	Lower	Upper
75	100		
53	89.8	79.2	118.8
89	43.9	35.7	53.5

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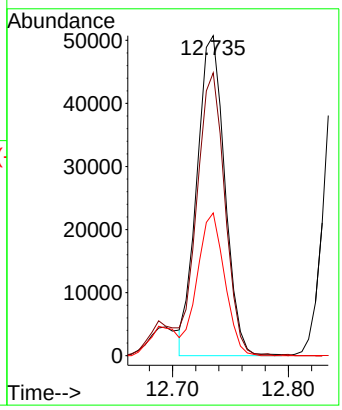
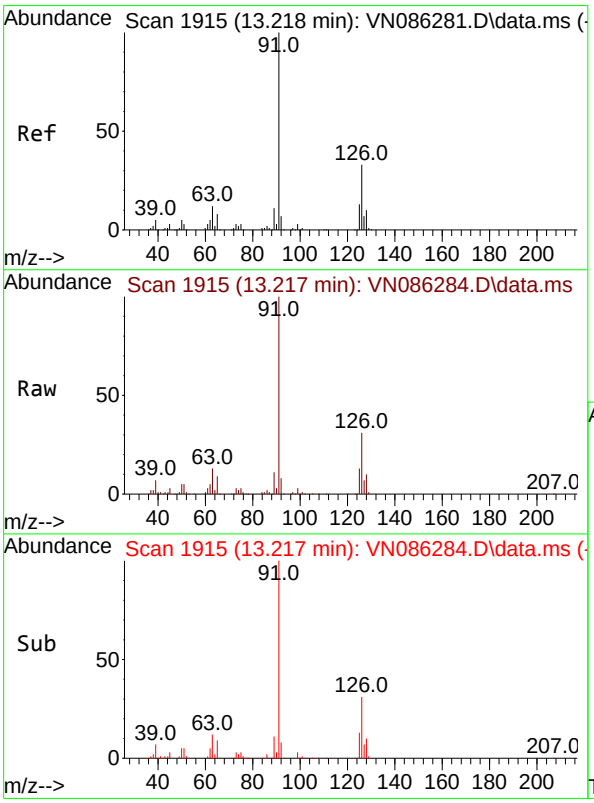
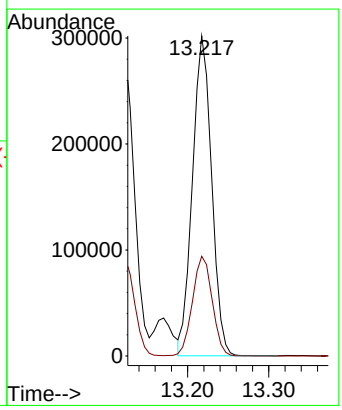


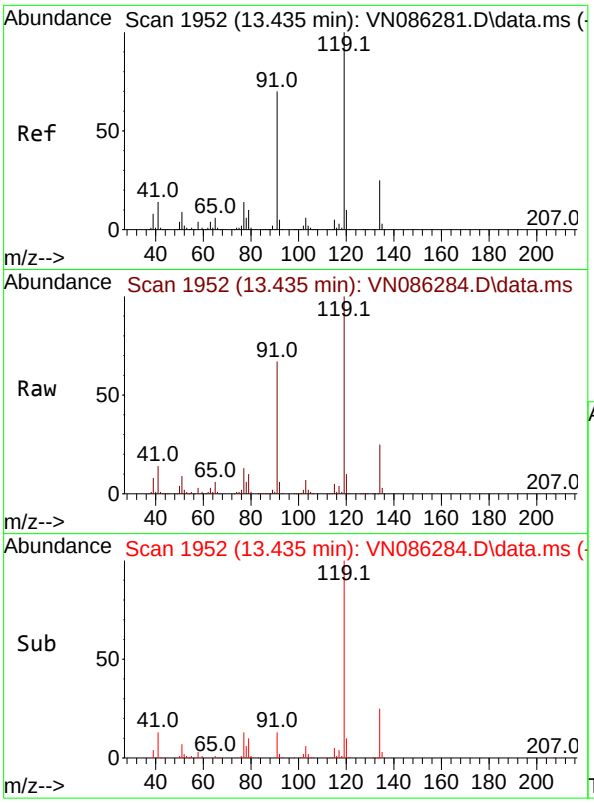


#82
4-Chlorotoluene
Concen: 47.552 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 91 Resp: 495478

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.6

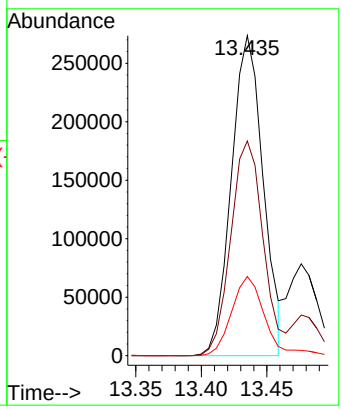




#83
tert-Butylbenzene
Concen: 45.757 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:119 Resp: 46162

Ion	Ratio	Lower	Upper
119	100		
91	68.8	34.4	103.3
134	25.9	13.0	39.0



Instrument :
MSVOA_N
ClientSampleId :
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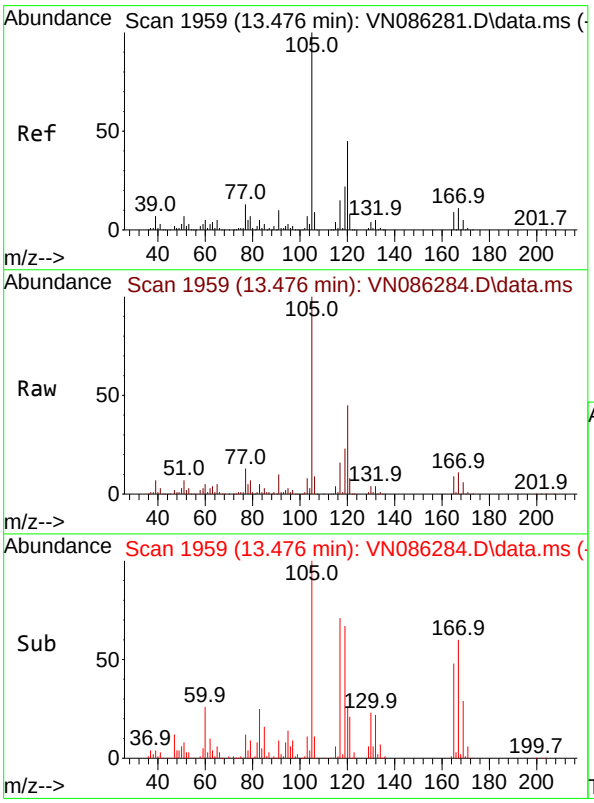
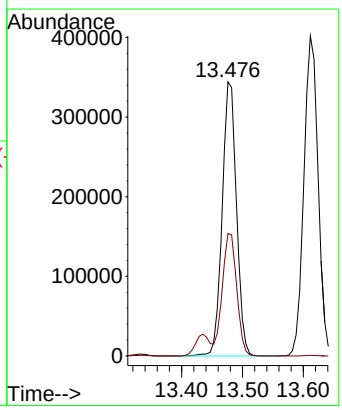
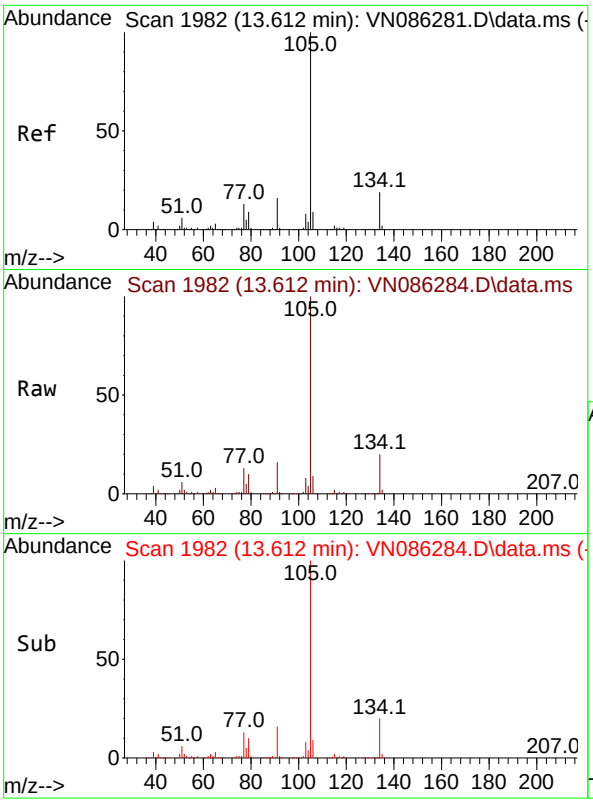


#84
1,2,4-Trimethylbenzene
Concen: 47.342 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:105 Resp: 561084

Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.4	67.3





#85
sec-Butylbenzene
Concen: 46.468 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:105 Resp: 65024

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	29.1

Instrument :
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ClientSampleId :
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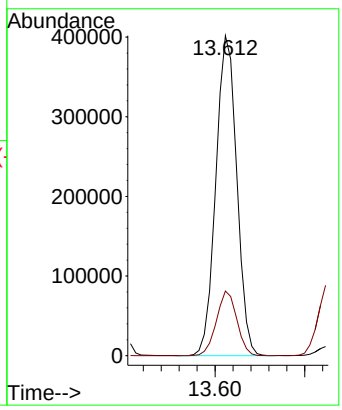
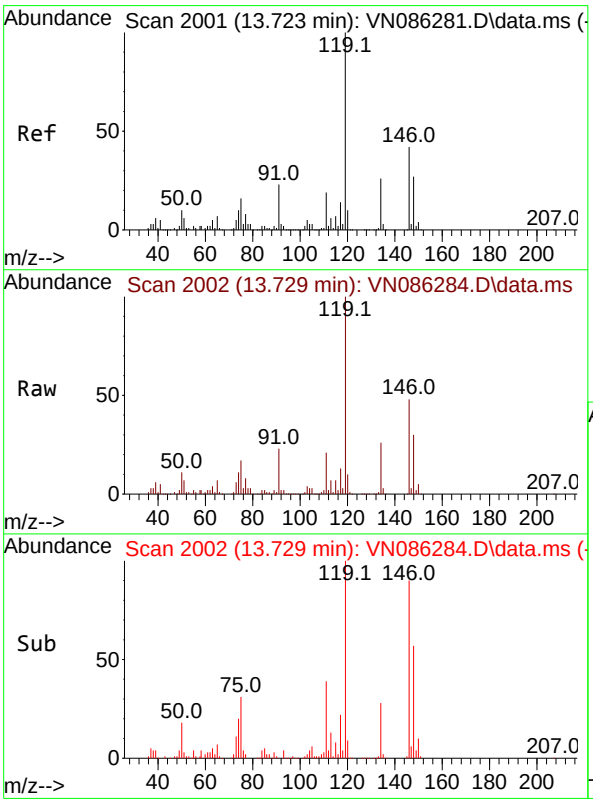
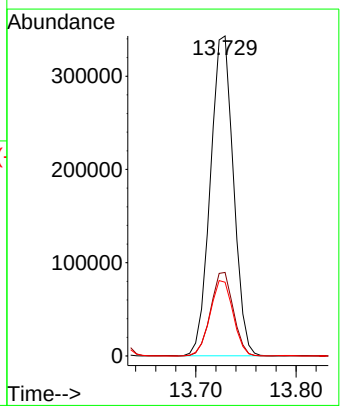


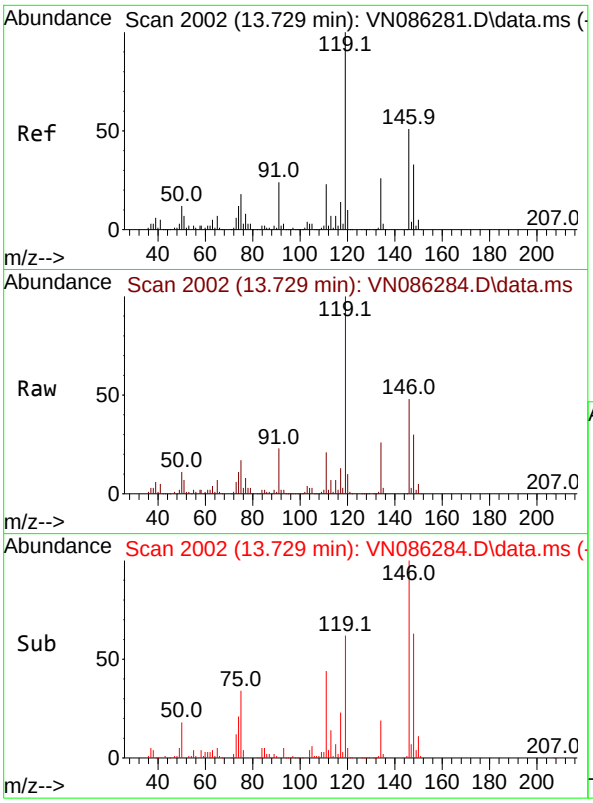


#86
p-Isopropyltoluene
Concen: 47.395 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:119 Resp: 546663

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	23.7	11.9	35.9

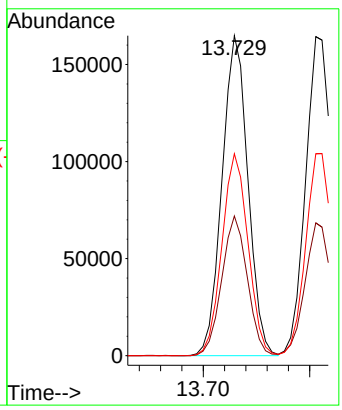




#87
1,3-Dichlorobenzene
Concen: 46.983 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:146 Resp: 27838

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.9	65.7
148	63.6	31.9	95.5



Instrument :
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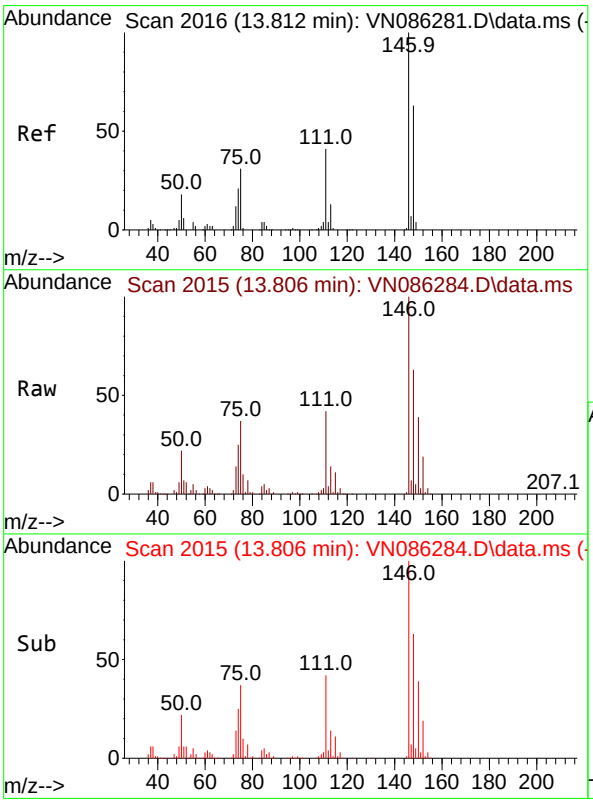
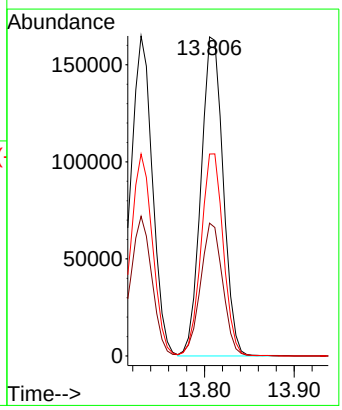
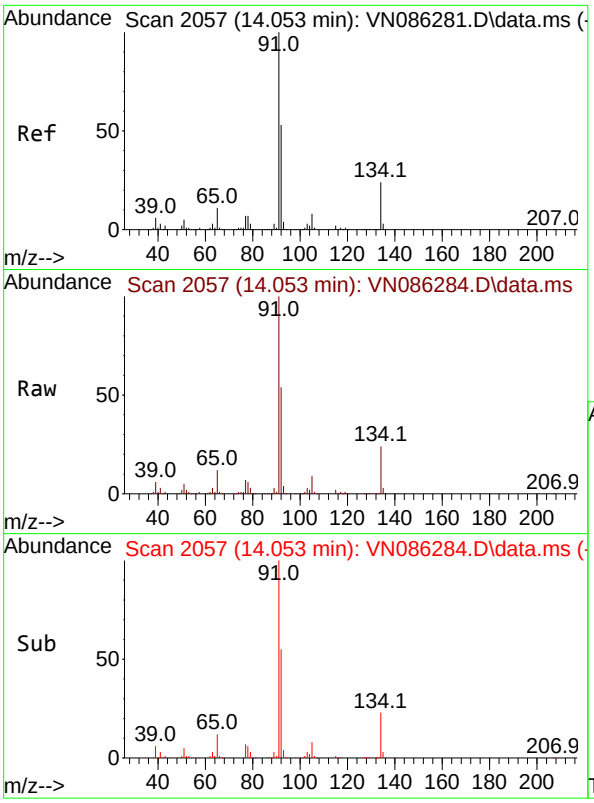


#88
1,4-Dichlorobenzene
Concen: 47.319 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:146 Resp: 282403

Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.9
148	63.5	31.9	95.9





#89
n-Butylbenzene
Concen: 47.178 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 91 Resp: 48233

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	24.7	12.2	36.6

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

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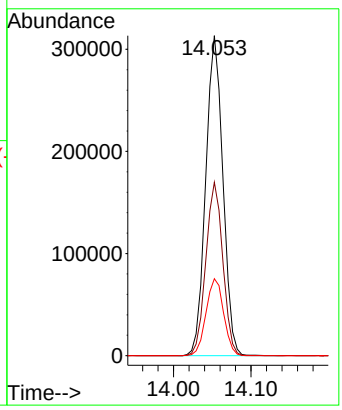
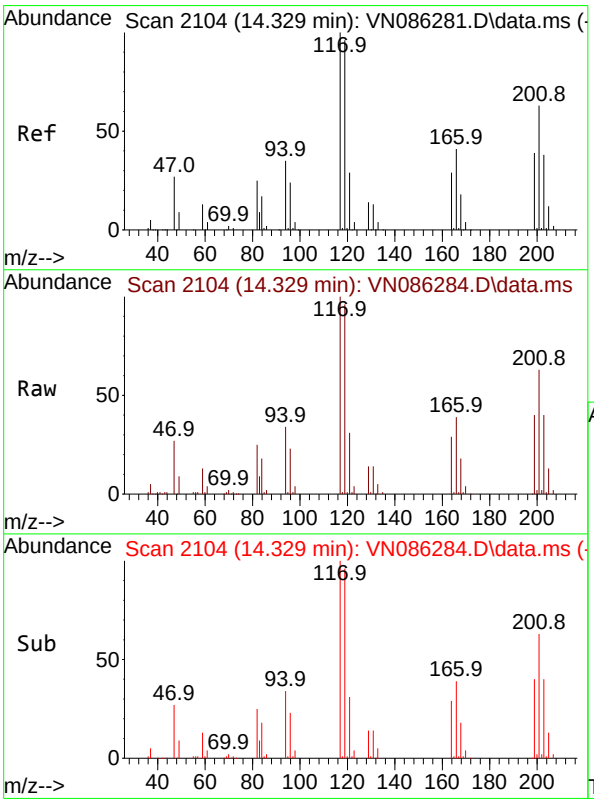
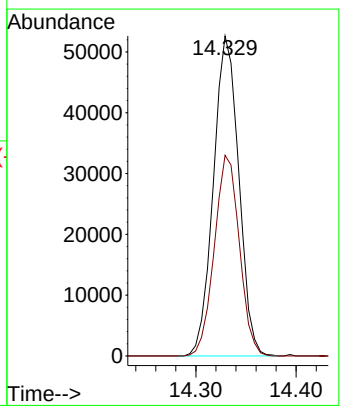


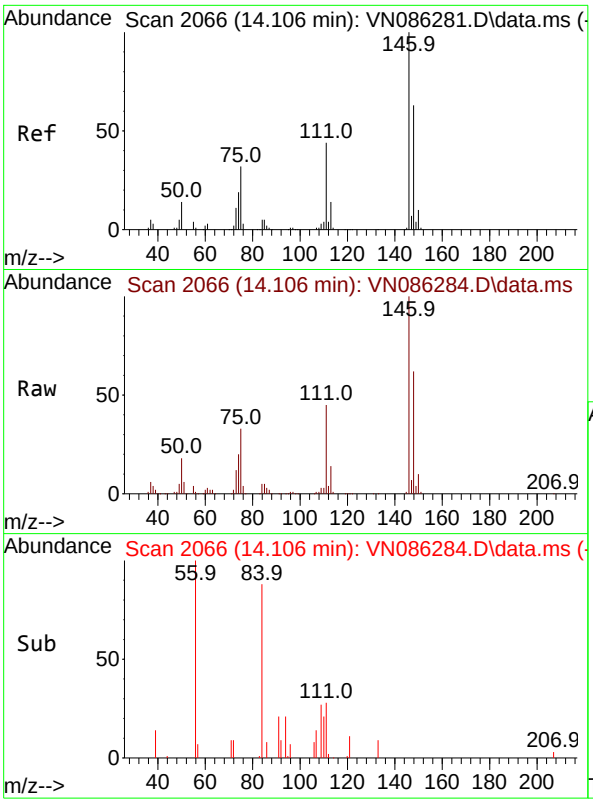


#90
Hexachloroethane
Concen: 47.634 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:117 Resp: 92416

Ion	Ratio	Lower	Upper
117	100		
201	61.9	31.4	94.2

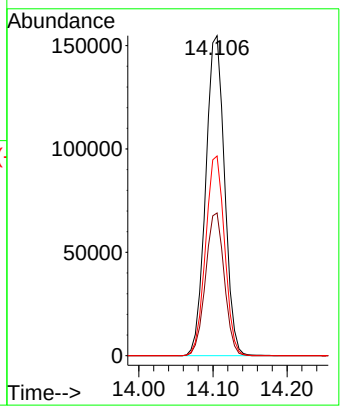




#91
1,2-Dichlorobenzene
Concen: 47.545 ug/l
RT: 14.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:146 Resp: 27313

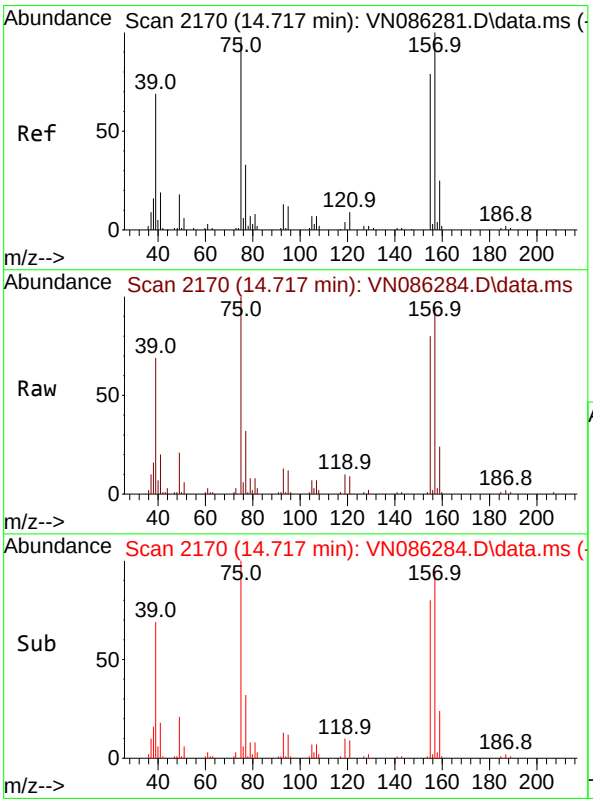
Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.0
148	62.9	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

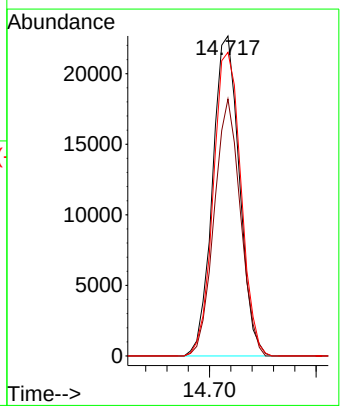
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

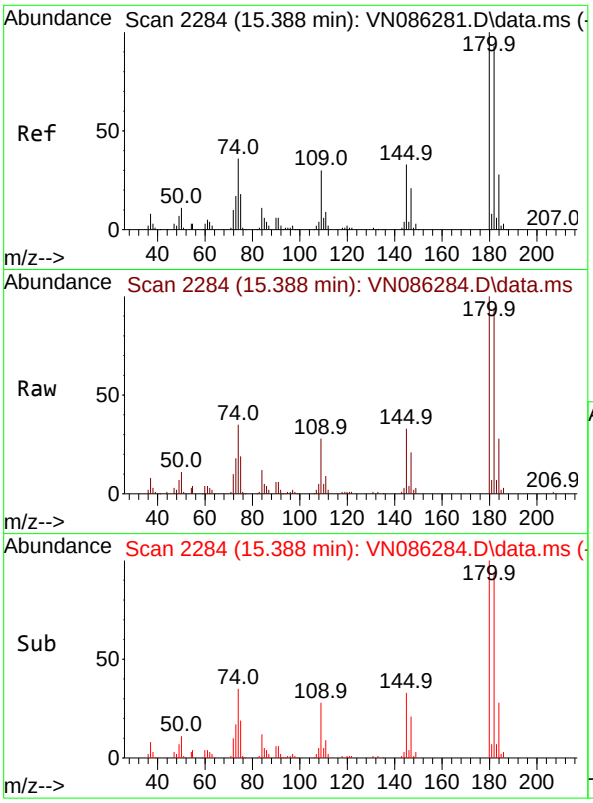


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.017 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion: 75 Resp: 39601

Ion	Ratio	Lower	Upper
75	100		
155	78.6	40.3	120.9
157	97.8	49.0	147.2

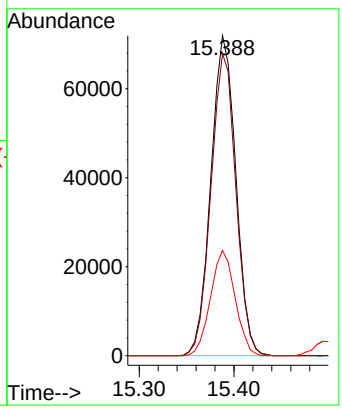




#93
1,2,4-Trichlorobenzene
Concen: 47.854 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:180 Resp: 13163

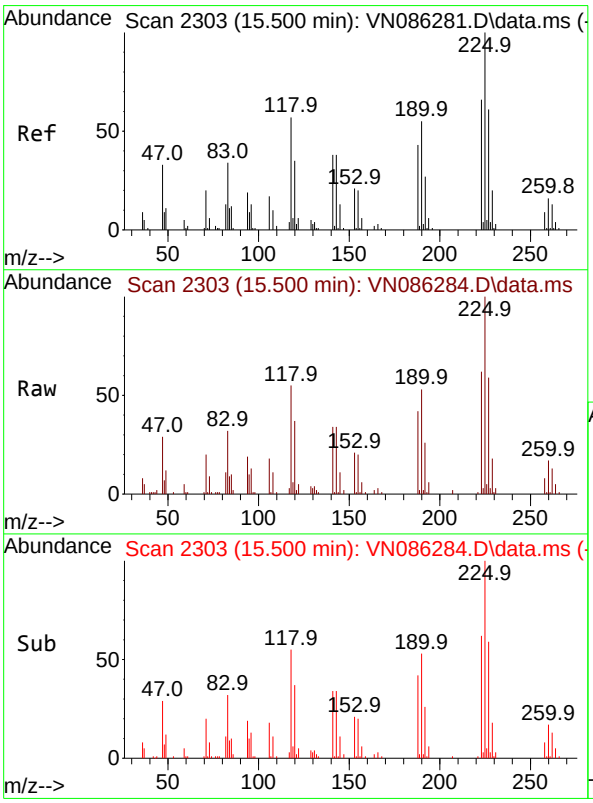
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.0	141.0
145	32.4	16.4	49.1



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

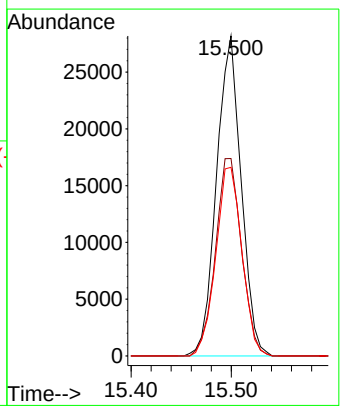
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025

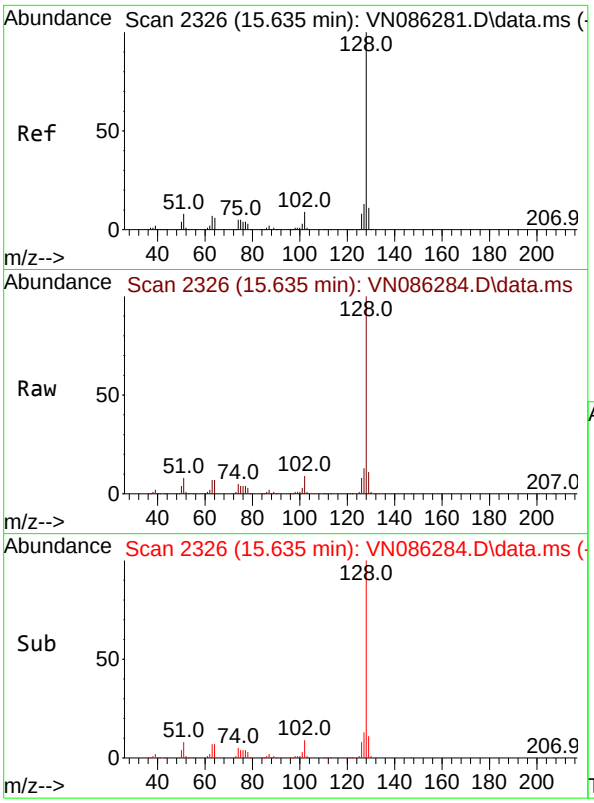


#94
Hexachlorobutadiene
Concen: 46.301 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:225 Resp: 48079

Ion	Ratio	Lower	Upper
225	100		
223	65.3	32.8	98.3
227	62.6	31.4	94.0

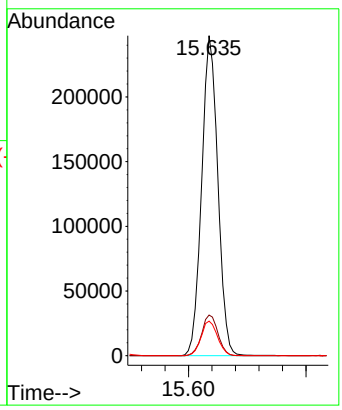




#95
Naphthalene
Concen: 48.408 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:128 Resp: 47204

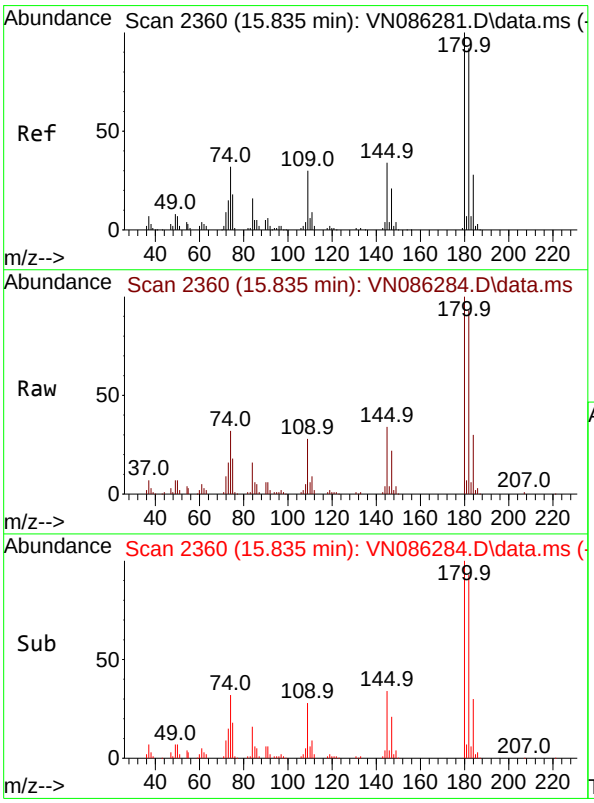
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Manual Integrations APPROVED

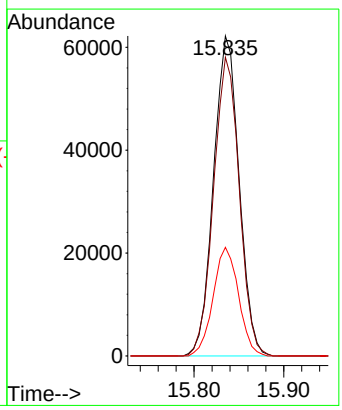
Reviewed By :John Carlone 04/16/2025
Supervised By :Semsettin Yesilyurt 04/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.314 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086284.D
Acq: 15 Apr 2025 15:30

Tgt Ion:180 Resp: 123220

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	33.7	17.2	51.5



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	104	0.00
2	T	Dichlorodifluoromethane	0.593	0.595	-0.3	105	0.00
3	P	Chloromethane	0.861	0.798	7.3	110	0.00
4	C	Vinyl Chloride	0.822	0.790	3.9#	104	0.00
5	T	Bromomethane	0.370	0.382	-3.2	112	0.00
6	T	Chloroethane	0.550	0.512	6.9	107	0.00
7	T	Trichlorofluoromethane	0.911	0.875	4.0	106	0.00
8	T	Diethyl Ether	0.398	0.378	5.0	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.551	0.533	3.3	106	0.00
10	T	Methyl Iodide	0.606	0.640	-5.6	111	0.00
11	T	Tert butyl alcohol	0.132	0.124	6.1	104	0.00
12	CM	1,1-Dichloroethene	0.588	0.556	5.4#	105	0.00
13	T	Acrolein	0.075	0.062	17.3	106	0.00
14	T	Allyl chloride	1.046	0.947	9.5	106	0.00
15	T	Acrylonitrile	0.327	0.320	2.1	105	0.00
16	T	Acetone	0.290	0.255	12.1	106	0.00
17	T	Carbon Disulfide	1.762	1.550	12.0	104	0.00
18	T	Methyl Acetate	0.870	0.793	8.9	106	0.00
19	T	Methyl tert-butyl Ether	2.163	2.039	5.7	106	0.00
20	T	Methylene Chloride	0.670	0.627	6.4	105	0.00
21	T	trans-1,2-Dichloroethene	0.615	0.578	6.0	105	0.00
22	T	Diisopropyl ether	2.276	2.113	7.2	104	0.00
23	T	Vinyl Acetate	1.591	1.493	6.2	105	0.00
24	P	1,1-Dichloroethane	1.201	1.135	5.5	104	0.00
25	T	2-Butanone	0.451	0.431	4.4	106	0.00
26	T	2,2-Dichloropropane	1.075	1.005	6.5	106	0.00
27	T	cis-1,2-Dichloroethene	0.764	0.719	5.9	105	0.00
28	T	Bromochloromethane	0.509	0.489	3.9	103	0.00
29	T	Tetrahydrofuran	0.302	0.280	7.3	104	0.00
30	C	Chloroform	1.180	1.110	5.9#	105	0.00
31	T	Cyclohexane	1.175	1.061	9.7	104	0.00
32	T	1,1,1-Trichloroethane	1.009	0.956	5.3	105	0.00
33	S	1,2-Dichloroethane-d4	0.725	0.727	-0.3	105	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.232	0.222	4.3	109	0.00
36	T	1,1-Dichloropropene	0.463	0.439	5.2	104	0.00
37	T	Ethyl Acetate	0.488	0.449	8.0	106	0.00
38	T	Carbon Tetrachloride	0.441	0.419	5.0	104	0.00
39	T	Methylcyclohexane	0.551	0.506	8.2	102	0.00
40	TM	Benzene	1.485	1.401	5.7	105	0.00
41	T	Methacrylonitrile	0.283	0.260	8.1	104	0.00
42	TM	1,2-Dichloroethane	0.474	0.450	5.1	107	0.00
43	T	Isopropyl Acetate	1.177	0.851	27.7#	103	0.00
44	TM	Trichloroethene	0.352	0.334	5.1	104	0.00
45	C	1,2-Dichloropropane	0.364	0.344	5.5#	104	0.00
46	T	Dibromomethane	0.232	0.226	2.6	105	0.00
47	T	Bromodichloromethane	0.500	0.477	4.6	106	0.00
48	T	Methyl methacrylate	0.429	0.390	9.1	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	0.007	0.007	0.0	110	0.00
50	S	Toluene-d8	1.240	1.246	-0.5	105	0.00
51	T	4-Methyl-2-Pentanone	0.500	0.476	4.8	104	0.00
52	CM	Toluene	0.927	0.879	5.2#	104	0.00
53	T	t-1,3-Dichloropropene	0.558	0.540	3.2	104	0.00
54	T	cis-1,3-Dichloropropene	0.613	0.576	6.0	105	0.00
55	T	1,1,2-Trichloroethane	0.333	0.313	6.0	103	0.00
56	T	Ethyl methacrylate	0.613	0.581	5.2	106	0.00
57	T	1,3-Dichloropropane	0.592	0.565	4.6	105	0.00
58	T	2-Chloroethyl Vinyl ether	0.291	0.281	3.4	103	0.00
59	T	2-Hexanone	0.371	0.349	5.9	103	0.00
60	T	Dibromochloromethane	0.366	0.350	4.4	104	0.00
61	T	1,2-Dibromoethane	0.336	0.321	4.5	104	0.00
62	S	4-Bromofluorobenzene	0.452	0.452	0.0	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.385	0.365	5.2	103	0.00
65	PM	Chlorobenzene	1.116	1.043	6.5	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.368	0.348	5.4	105	0.00
67	C	Ethyl Benzene	2.014	1.901	5.6#	104	0.00
68	T	m/p-Xylenes	0.754	0.717	4.9	103	0.00
69	T	o-Xylene	0.746	0.702	5.9	103	0.00
70	T	Styrene	1.243	1.197	3.7	103	0.00
71	P	Bromoform	0.277	0.264	4.7	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73	T	Isopropylbenzene	4.090	3.839	6.1	103	0.00
74	T	N-amyl acetate	2.036	1.842	9.5	104	0.00
75	P	1,1,2,2-Tetrachloroethane	1.176	1.070	9.0	103	0.00
76	T	1,2,3-Trichloropropane	1.180	1.078	8.6	104	0.00
77	T	Bromobenzene	0.906	0.867	4.3	102	0.00
78	T	n-propylbenzene	4.820	4.571	5.2	102	0.00
79	T	2-Chlorotoluene	3.016	2.836	6.0	103	0.00
80	T	1,3,5-Trimethylbenzene	3.348	3.163	5.5	103	0.00
81	T	trans-1,4-Dichloro-2-butene	0.491	0.488	0.6	106	0.00
82	T	4-Chlorotoluene	2.996	2.849	4.9	102	0.00
83	T	tert-Butylbenzene	2.901	2.655	8.5	102	0.00
84	T	1,2,4-Trimethylbenzene	3.408	3.226	5.3	102	0.00
85	T	sec-Butylbenzene	4.023	3.739	7.1	99	0.00
86	T	p-Isopropyltoluene	3.316	3.144	5.2	100	0.00
87	T	1,3-Dichlorobenzene	1.704	1.601	6.0	100	0.00
88	T	1,4-Dichlorobenzene	1.716	1.624	5.4	101	0.00
89	T	n-Butylbenzene	2.939	2.774	5.6	98	0.00
90	T	Hexachloroethane	0.558	0.531	4.8	103	0.00
91	T	1,2-Dichlorobenzene	1.652	1.571	4.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.237	0.228	3.8	103	0.00
93	T	1,2,4-Trichlorobenzene	0.791	0.757	4.3	99	0.00
94	T	Hexachlorobutadiene	0.299	0.276	7.7	99	0.00
95	T	Naphthalene	2.804	2.714	3.2	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.709	5.3	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	50.220	-0.4	105	0.00
3	P	Chloromethane	50.000	46.321	7.4	110	0.00
4	C	Vinyl Chloride	50.000	48.040	3.9#	104	0.00
5	T	Bromomethane	50.000	51.662	-3.3	112	0.00
6	T	Chloroethane	50.000	46.557	6.9	107	0.00
7	T	Trichlorofluoromethane	50.000	48.030	3.9	106	0.00
8	T	Diethyl Ether	50.000	47.564	4.9	105	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.357	3.3	106	0.00
10	T	Methyl Iodide	50.000	52.806	-5.6	111	0.00
11	T	Tert butyl alcohol	250.000	233.586	6.6	104	0.00
12	CM	1,1-Dichloroethene	50.000	47.278	5.4#	105	0.00
13	T	Acrolein	250.000	251.743	-0.7	106	0.00
14	T	Allyl chloride	50.000	45.280	9.4	106	0.00
15	T	Acrylonitrile	250.000	244.312	2.3	105	0.00
16	T	Acetone	250.000	254.646	-1.9	106	0.00
17	T	Carbon Disulfide	50.000	43.983	12.0	104	0.00
18	T	Methyl Acetate	50.000	45.586	8.8	106	0.00
19	T	Methyl tert-butyl Ether	50.000	47.117	5.8	106	0.00
20	T	Methylene Chloride	50.000	46.740	6.5	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.960	6.1	105	0.00
22	T	Diisopropyl ether	50.000	46.426	7.1	104	0.00
23	T	Vinyl Acetate	250.000	234.680	6.1	105	0.00
24	P	1,1-Dichloroethane	50.000	47.277	5.4	104	0.00
25	T	2-Butanone	250.000	238.732	4.5	106	0.00
26	T	2,2-Dichloropropane	50.000	46.721	6.6	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.105	5.8	105	0.00
28	T	Bromochloromethane	50.000	48.044	3.9	103	0.00
29	T	Tetrahydrofuran	250.000	232.296	7.1	104	0.00
30	C	Chloroform	50.000	47.047	5.9#	105	0.00
31	T	Cyclohexane	50.000	45.162	9.7	104	0.00
32	T	1,1,1-Trichloroethane	50.000	47.385	5.2	105	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.114	-0.2	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	47.865	4.3	109	0.00
36	T	1,1-Dichloropropene	50.000	47.382	5.2	104	0.00
37	T	Ethyl Acetate	50.000	45.984	8.0	106	0.00
38	T	Carbon Tetrachloride	50.000	47.475	5.0	104	0.00
39	T	Methylcyclohexane	50.000	45.902	8.2	102	0.00
40	TM	Benzene	50.000	47.168	5.7	105	0.00
41	T	Methacrylonitrile	50.000	45.892	8.2	104	0.00
42	TM	1,2-Dichloroethane	50.000	47.496	5.0	107	0.00
43	T	Isopropyl Acetate	50.000	48.649	2.7	103	0.00
44	TM	Trichloroethene	50.000	47.403	5.2	104	0.00
45	C	1,2-Dichloropropane	50.000	47.302	5.4#	104	0.00
46	T	Dibromomethane	50.000	48.772	2.5	105	0.00
47	T	Bromodichloromethane	50.000	47.682	4.6	106	0.00
48	T	Methyl methacrylate	50.000	45.546	8.9	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	929.893	7.0	110	0.00
50	S	Toluene-d8	50.000	50.251	-0.5	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.220	4.7	104	0.00
52	CM	Toluene	50.000	47.453	5.1#	104	0.00
53	T	t-1,3-Dichloropropene	50.000	48.360	3.3	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.923	6.2	105	0.00
55	T	1,1,2-Trichloroethane	50.000	46.911	6.2	103	0.00
56	T	Ethyl methacrylate	50.000	47.414	5.2	106	0.00
57	T	1,3-Dichloropropane	50.000	47.770	4.5	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.924	3.2	103	0.00
59	T	2-Hexanone	250.000	235.364	5.9	103	0.00
60	T	Dibromochloromethane	50.000	47.767	4.5	104	0.00
61	T	1,2-Dibromoethane	50.000	47.777	4.4	104	0.00
62	S	4-Bromofluorobenzene	50.000	49.950	0.1	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64	T	Tetrachloroethene	50.000	47.439	5.1	103	0.00
65	PM	Chlorobenzene	50.000	46.735	6.5	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.238	5.5	105	0.00
67	C	Ethyl Benzene	50.000	47.196	5.6#	104	0.00
68	T	m/p-Xylenes	100.000	94.994	5.0	103	0.00
69	T	o-Xylene	50.000	47.043	5.9	103	0.00
70	T	Styrene	50.000	48.138	3.7	103	0.00
71	P	Bromoform	50.000	47.634	4.7	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	46.930	6.1	103	0.00
74	T	N-amyl acetate	50.000	45.241	9.5	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.501	9.0	103	0.00
76	T	1,2,3-Trichloropropane	50.000	45.680	8.6	104	0.00
77	T	Bromobenzene	50.000	47.860	4.3	102	0.00
78	T	n-propylbenzene	50.000	47.420	5.2	102	0.00
79	T	2-Chlorotoluene	50.000	47.012	6.0	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.241	5.5	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.639	0.7	106	0.00
82	T	4-Chlorotoluene	50.000	47.552	4.9	102	0.00
83	T	tert-Butylbenzene	50.000	45.757	8.5	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.342	5.3	102	0.00
85	T	sec-Butylbenzene	50.000	46.468	7.1	99	0.00
86	T	p-Isopropyltoluene	50.000	47.395	5.2	100	0.00
87	T	1,3-Dichlorobenzene	50.000	46.983	6.0	100	0.00
88	T	1,4-Dichlorobenzene	50.000	47.319	5.4	101	0.00
89	T	n-Butylbenzene	50.000	47.178	5.6	98	0.00
90	T	Hexachloroethane	50.000	47.634	4.7	103	0.00
91	T	1,2-Dichlorobenzene	50.000	47.545	4.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.017	4.0	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.854	4.3	99	0.00
94	T	Hexachlorobutadiene	50.000	46.301	7.4	99	0.00
95	T	Naphthalene	50.000	48.408	3.2	102	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086284.D
Acq On : 15 Apr 2025 15:30
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN041525

Quant Time: Apr 16 04:30:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.314	5.4	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX045525.D RRF005 = VX045526.D RRF020 = VX045527.D
RRF050 = VX045528.D RRF100 = VX045529.D RRF150 = VX045530.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2
Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.2
n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.6
1,3,5-Trimethylbenzene	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.3
tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.8
1,2,4-Trimethylbenzene	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.6
sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.1
p-Isopropyltoluene	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.6
n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.5
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5

* 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 : 82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025
Response Via : Initial Calibration

Calibration Files
1 =VX045525.D 5 =VX045526.D 20 =VX045527.D 50 =VX045528.D 100 =VX045529.D 150 =VX045530.D

		Compound	1	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.13
3)	P	Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.05
4)	C	Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.43#
5)	T	Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.20
6)	T	Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.27
7)	T	Trichlorofluor...	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.22
8)	T	Diethyl Ether	0.345	0.340	0.356	0.355	0.358	0.357	0.352	2.11
9)	T	1,1,2-Trichlor...	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.74
10)	T	Methyl Iodide		0.705	0.789	0.799	0.788	0.750	0.766	5.08
11)	T	Tert butyl alc...		0.111	0.124	0.127	0.128	0.124	0.123	5.44
12)	CM	1,1-Dichloroet...	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.51#
13)	T	Acrolein		0.176	0.161	0.167	0.170	0.172	0.169	3.41
14)	T	Allyl chloride	1.092	1.068	1.142	1.172	1.199	1.160	1.139	4.36
15)	T	Acrylonitrile	0.356	0.382	0.413	0.407	0.394	0.376	0.388	5.38
16)	T	Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.28
17)	T	Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.24
18)	T	Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.22
19)	T	Methyl tert-bu...	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.20
20)	T	Methylene Chlo...	0.692	0.695	0.726	0.709	0.705	0.690	0.703	1.96
21)	T	trans-1,2-Dich...	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.94
22)	T	Diisopropyl ether	2.003	2.120	2.329	2.293	2.359	2.357	2.243	6.59
23)	T	Vinyl Acetate	1.542	1.693	2.005	2.087	2.147	2.156	1.938	13.34
24)	P	1,1-Dichloroet...	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3.01
25)	T	2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.55
26)	T	2,2-Dichloropr...	0.676	0.757	0.802	0.847	0.903	0.933	0.820	11.67
27)	T	cis-1,2-Dichlo...	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.43
28)	T	Bromochloromet...	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.18
29)	T	Tetrahydrofuran	0.339	0.341	0.371	0.371	0.364	0.352	0.356	4.05
30)	C	Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.60#
31)	T	Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4.00
32)	T	1,1,1-Trichlor...	1.028	1.052	1.120	1.109	1.153	1.167	1.105	4.96
33)	S	1,2-Dichloroet...		0.962	0.900	0.868	0.904	0.937	0.914	3.94
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...		0.372	0.342	0.345	0.353	0.362	0.355	3.48
36)	T	1,1-Dichloropr...	0.477	0.443	0.474	0.485	0.496	0.499	0.479	4.26
37)	T	Ethyl Acetate	0.582	0.565	0.609	0.623	0.629	0.614	0.604	4.15
38)	T	Carbon Tetrach...	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.49
39)	T	Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.76
40)	TM	Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.81
41)	T	Methacrylonitrile	0.252	0.276	0.338	0.351	0.350	0.343	0.318	13.52
42)	TM	1,2-Dichloroet...	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.72
43)	T	Isopropyl Acetate	0.735	0.831	0.952	0.978	1.002	0.991	0.915	11.77
44)	TM	Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.67
45)	C	1,2-Dichloropr...	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.83#
46)	T	Dibromomethane	0.237	0.287	0.297	0.292	0.286	0.282	0.280	7.76
47)	T	Bromodichlorom...	0.521	0.519	0.576	0.571	0.587	0.583	0.560	5.56
48)	T	Methyl methacr...	0.405	0.416	0.486	0.508	0.518	0.502	0.472	10.44
49)	T	1,4-Dioxane	0.007	0.010	0.009	0.009	0.009	0.008	0.009	13.93
50)	S	Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.50
51)	T	4-Methyl-2-Pen...	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.57
52)	CM	Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.79#
53)	T	t-1,3-Dichloro...	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.27
54)	T	cis-1,3-Dichlo...	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.88
55)	T	1,1,2-Trichlor...	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.11
56)	T	Ethyl methacry...	0.407	0.482	0.562	0.600	0.629	0.595	0.546	15.54

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : 82X040225W.M

57)	T	1,3-Dichloropr...	0.555	0.614	0.652	0.633	0.630	0.601	0.614	5.49
58)	T	2-Chloroethyl ...	0.221	0.257	0.286	0.298	0.301	0.293	0.276	11.26
59)	T	2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.14
60)	T	Dibromochlorom...	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.06
61)	T	1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.12
62)	S	4-Bromofluorob...		0.413	0.448	0.453	0.481	0.460	0.451	5.45
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.47
65)	PM	Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.83
66)	T	1,1,1,2-Tetrac...	0.368	0.344	0.372	0.373	0.379	0.390	0.371	4.18
67)	C	Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.89#
68)	T	m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.92
69)	T	o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.17
70)	T	Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.82
71)	P	Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.07
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.17
74)	T	N-amyl acetate	1.442	1.682	1.960	2.058	2.132	2.221	1.916	15.51
75)	P	1,1,2,2-Tetrac...	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.43
76)	T	1,2,3-Trichlor...	1.221	1.257	1.251	1.225	1.192	1.171	1.220	2.71
77)	T	Bromobenzene	0.877	0.927	0.953	0.938	0.925	0.932	0.925	2.77
78)	T	n-propylbenzene	3.734	4.346	5.012	4.896	4.819	4.872	4.613	10.59
79)	T	2-Chlorotoluene	2.894	2.873	3.130	2.966	2.915	2.918	2.949	3.19
80)	T	1,3,5-Trimethy...	2.931	3.119	3.571	3.511	3.367	3.371	3.312	7.35
81)	T	trans-1,4-Dich...		0.274	0.323	0.371	0.401	0.428	0.359	17.16
82)	T	4-Chlorotoluene	2.961	3.156	3.470	3.449	3.350	3.343	3.288	5.93
83)	T	tert-Butylbenzene	2.894	3.124	3.437	3.427	3.387	3.405	3.279	6.78
84)	T	1,2,4-Trimethy...	2.906	3.129	3.529	3.523	3.438	3.420	3.324	7.57
85)	T	sec-Butylbenzene	3.195	3.828	4.316	4.300	4.232	4.292	4.027	11.12
86)	T	p-Isopropyltol...	2.734	3.157	3.515	3.524	3.506	3.484	3.320	9.63
87)	T	1,3-Dichlorobe...	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.70
88)	T	1,4-Dichlorobe...	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.09
89)	T	n-Butylbenzene	2.117	2.486	2.974	3.160	3.256	3.283	2.879	16.50
90)	T	Hexachloroethane	0.493	0.493	0.556	0.597	0.623	0.661	0.571	12.14
91)	T	1,2-Dichlorobe...	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.34
92)	T	1,2-Dibromo-3-...	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.37
93)	T	1,2,4-Trichlor...	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.07
94)	T	Hexachlorobuta...	0.379	0.389	0.401	0.404	0.415	0.422	0.402	4.03
95)	T	Naphthalene	2.544	3.070	3.630	3.722	3.867	3.982	3.469	15.93
96)	T	1,2,3-Trichlor...	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.63

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.544	168	96737	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	175266	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	153312	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61114	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 74 - 125		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 86 - 113		Recovery =	0.000%#			
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l		
Spiked Amount 50.000	Range 77 - 121		Recovery =	0.000%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.167	85	1189	0.822	ug/l		94
3) Chloromethane	1.307	50	1479	0.995	ug/l	#	86
4) Vinyl Chloride	1.374	62	1299	0.955	ug/l		98
6) Chloroethane	1.673	64	732	1.014	ug/l	#	67
7) Trichlorofluoromethane	1.880	101	2034	1.003	ug/l		93
8) Diethyl Ether	2.130	74	668	0.981	ug/l		83
9) 1,1,2-Trichlorotrifluo...	2.325	101	1113	0.936	ug/l		94
12) 1,1-Dichloroethene	2.313	96	1090	0.939	ug/l		95
14) Allyl chloride	2.660	41	2113	0.959	ug/l		93
15) Acrylonitrile	3.075	53	3446	4.592	ug/l		95
16) Acetone	2.380	43	3867	5.323	ug/l		98
17) Carbon Disulfide	2.508	76	2580	0.899	ug/l	#	95
18) Methyl Acetate	2.703	43	1744	1.043	ug/l		91
19) Methyl tert-butyl Ether	3.117	73	3705	0.912	ug/l		92
20) Methylene Chloride	2.782	84	1338	0.984	ug/l		91
21) trans-1,2-Dichloroethene	3.087	96	1111	0.936	ug/l	#	93
22) Diisopropyl ether	3.758	45	3875	0.893	ug/l	#	59
23) Vinyl Acetate	3.727	43	14921	3.979	ug/l		95
24) 1,1-Dichloroethane	3.611	63	2343	0.954	ug/l	#	90
25) 2-Butanone	4.581	43	4590	4.317	ug/l		92
26) 2,2-Dichloropropane	4.471	77	1307	0.824	ug/l		85
27) cis-1,2-Dichloroethene	4.495	96	1475	1.020	ug/l		80
28) Bromochloromethane	4.891	49	1298	1.094	ug/l	#	97
29) Tetrahydrofuran	5.032	42	3276	4.752	ug/l		97
30) Chloroform	5.093	83	2406	0.953	ug/l		84
32) 1,1,1-Trichloroethane	5.385	97	1989	0.931	ug/l	#	53
36) 1,1-Dichloropropene	5.696	75	1671	0.995	ug/l	#	89
37) Ethyl Acetate	4.751	43	2040	0.964	ug/l	#	76
38) Carbon Tetrachloride	5.672	117	1578	0.870	ug/l	#	91
39) Methylcyclohexane	7.379	83	1818	0.883	ug/l	#	89
40) Benzene	6.038	78	4957	0.967	ug/l		97
41) Methacrylonitrile	4.952	41	883m	0.784	ug/l		
42) 1,2-Dichloroethane	6.092	62	1867	0.882	ug/l		86
43) Isopropyl Acetate	6.361	43	2578	0.804	ug/l	#	86
44) Trichloroethene	7.123	130	1224	1.004	ug/l		87
45) 1,2-Dichloropropane	7.434	63	1082	0.846	ug/l		90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Dibromomethane	7.592	93	831	0.846	ug/l		90
47) Bromodichloromethane	7.824	83	1827	0.931	ug/l	#	77
48) Methyl methacrylate	7.720	41	1419	0.857	ug/l		92
49) 1,4-Dioxane	7.671	88	458m	15.288	ug/l		
51) 4-Methyl-2-Pentanone	8.574	43	8746	4.114	ug/l		100
52) Toluene	8.720	92	2863	0.923	ug/l		96
53) t-1,3-Dichloropropene	8.988	75	1109	2.850	ug/l		93
54) cis-1,3-Dichloropropene	8.379	75	1300	0.705	ug/l		90
55) 1,1,2-Trichloroethane	9.159	97	1183	0.957	ug/l	#	76
56) Ethyl methacrylate	9.129	69	1425m	0.745	ug/l		
57) 1,3-Dichloropropane	9.311	76	1946	0.904	ug/l		91
58) 2-Chloroethyl Vinyl ether	8.245	63	3880	4.008	ug/l		93
59) 2-Hexanone	9.439	43	6360	4.040	ug/l		85
60) Dibromochloromethane	9.519	129	1097	0.814	ug/l		99
61) 1,2-Dibromoethane	9.610	107	1032	0.825	ug/l		96
64) Tetrachloroethene	9.269	164	1062	0.981	ug/l		92
65) Chlorobenzene	10.080	112	2916	0.890	ug/l		95
66) 1,1,1,2-Tetrachloroethane	10.159	131	1128	0.992	ug/l	#	64
67) Ethyl Benzene	10.195	91	4930	0.840	ug/l		90
68) m/p-Xylenes	10.305	106	3645	1.708	ug/l		97
69) o-Xylene	10.640	106	1724	0.820	ug/l		83
70) Styrene	10.659	104	2750	0.793	ug/l		94
71) Bromoform	10.805	173	675	0.795	ug/l	#	94
73) Isopropylbenzene	10.964	105	4377	0.894	ug/l		95
74) N-amyl acetate	10.854	43	1762	0.752	ug/l	#	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	1781	1.036	ug/l		94
76) 1,2,3-Trichloropropane	11.244	75	1493m	1.002	ug/l		
77) Bromobenzene	11.201	156	1072	0.948	ug/l		95
78) n-propylbenzene	11.305	91	4564	0.809	ug/l		97
79) 2-Chlorotoluene	11.366	91	3537	0.981	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	3582	0.885	ug/l		100
82) 4-Chlorotoluene	11.457	91	3619	0.900	ug/l		96
83) tert-Butylbenzene	11.713	119	3537	0.883	ug/l		94
84) 1,2,4-Trimethylbenzene	11.750	105	3552	0.874	ug/l		99
85) sec-Butylbenzene	11.890	105	3905	0.793	ug/l		98
86) p-Isopropyltoluene	12.012	119	3342	0.824	ug/l		94
87) 1,3-Dichlorobenzene	11.969	146	2026	0.984	ug/l		97
88) 1,4-Dichlorobenzene	12.043	146	2042m	0.978	ug/l		
89) n-Butylbenzene	12.335	91	2587	0.735	ug/l		99
90) Hexachloroethane	12.543	117	602	0.863	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	2009	0.981	ug/l		93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	239	0.665	ug/l	#	73
93) 1,2,4-Trichlorobenzene	13.591	180	888	0.779	ug/l		94
94) Hexachlorobutadiene	13.725	225	463	0.943	ug/l		90
95) Naphthalene	13.780	128	3109	0.733	ug/l		99
96) 1,2,3-Trichlorobenzene	13.969	180	956	0.801	ug/l		88

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

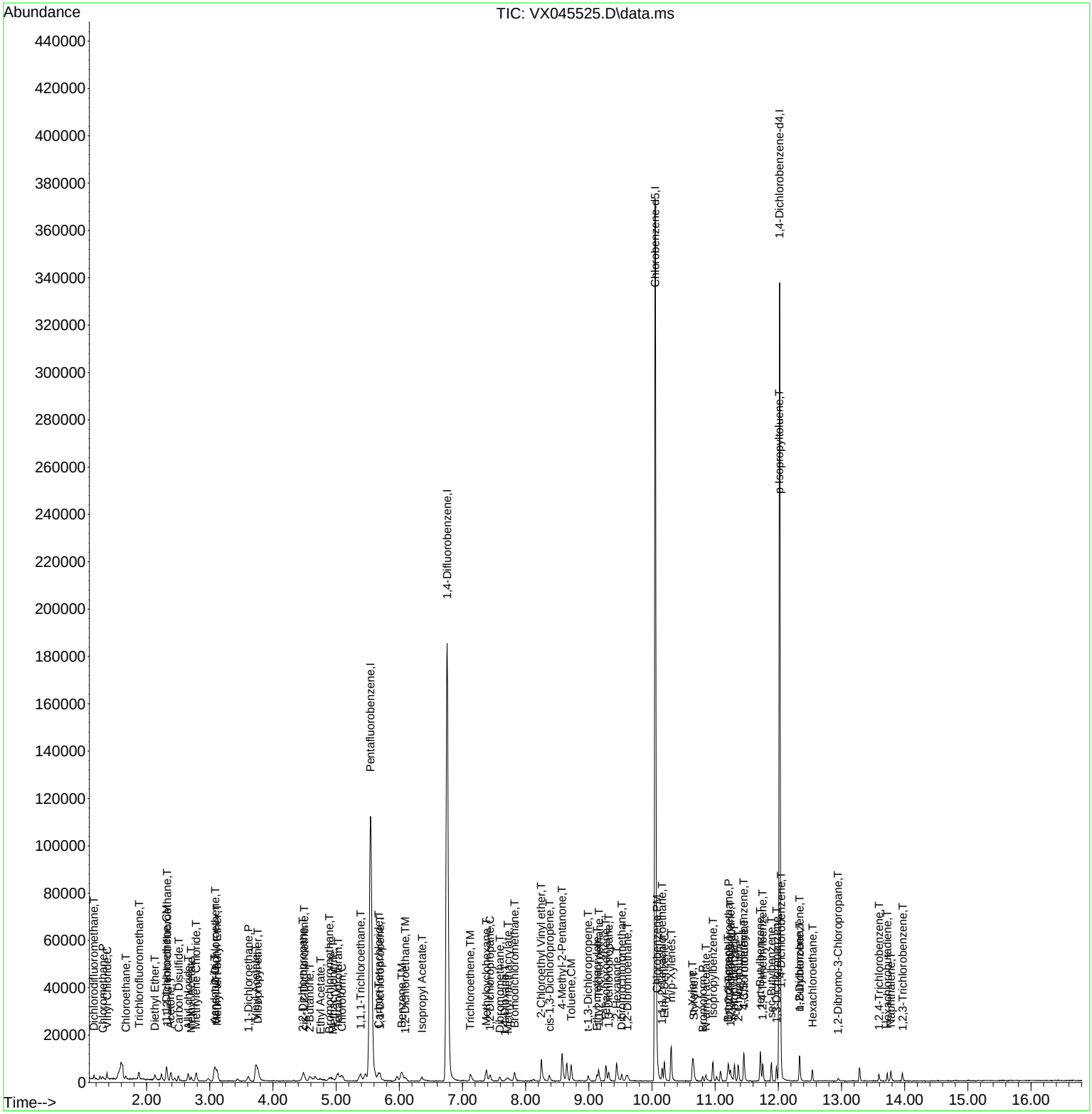
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045525.D
Acq On : 01 Apr 2025 17:06
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

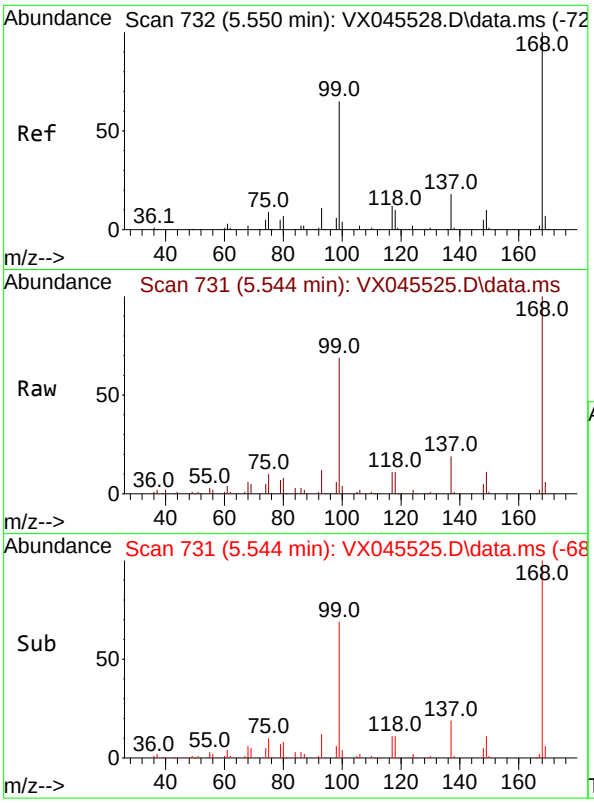
Quant Time: Apr 02 02:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

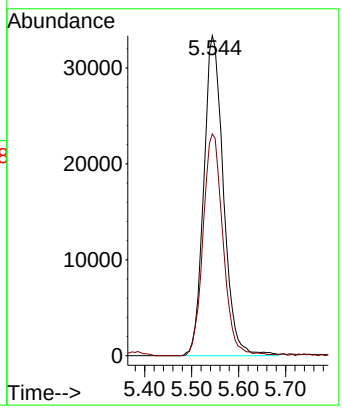




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:168 Resp: 9673

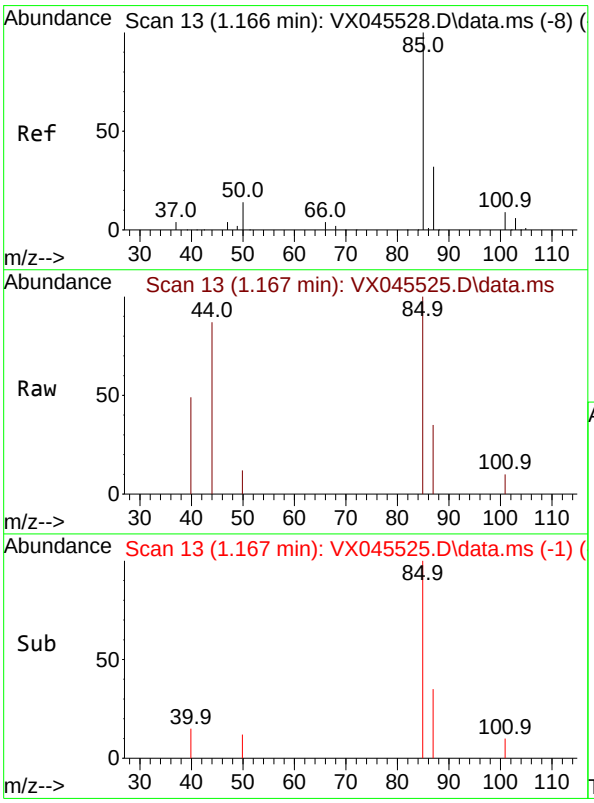
Ion	Ratio	Lower	Upper
168	100		
99	69.3	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

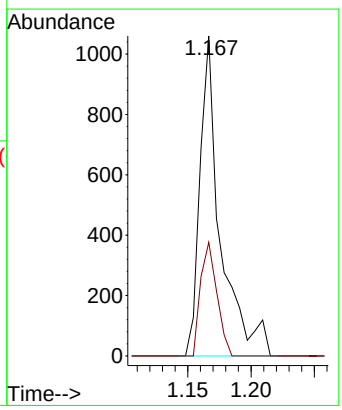
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

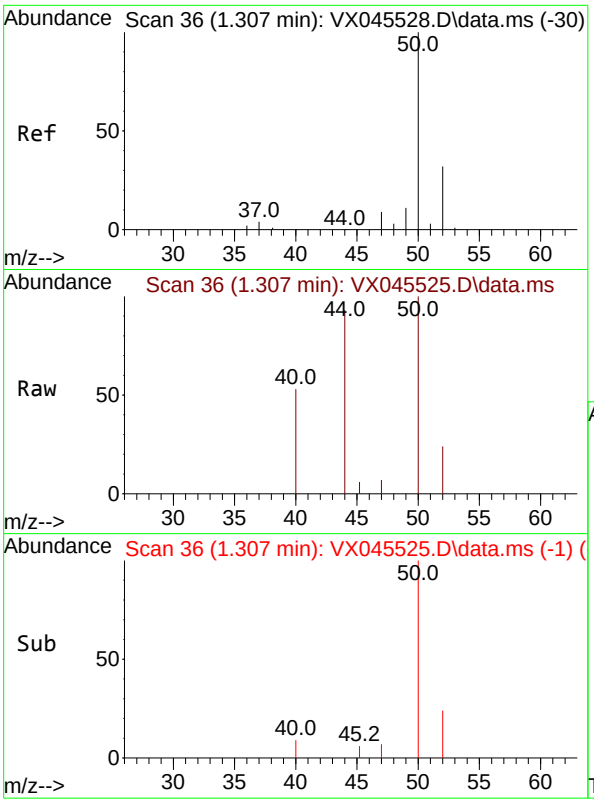


#2
Dichlorodifluoromethane
Concen: 0.822 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 85 Resp: 1189

Ion	Ratio	Lower	Upper
85	100		
87	35.5	16.1	48.2

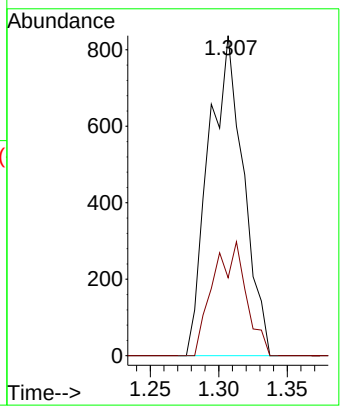




#3
Chloromethane
Concen: 0.995 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 50 Resp: 147

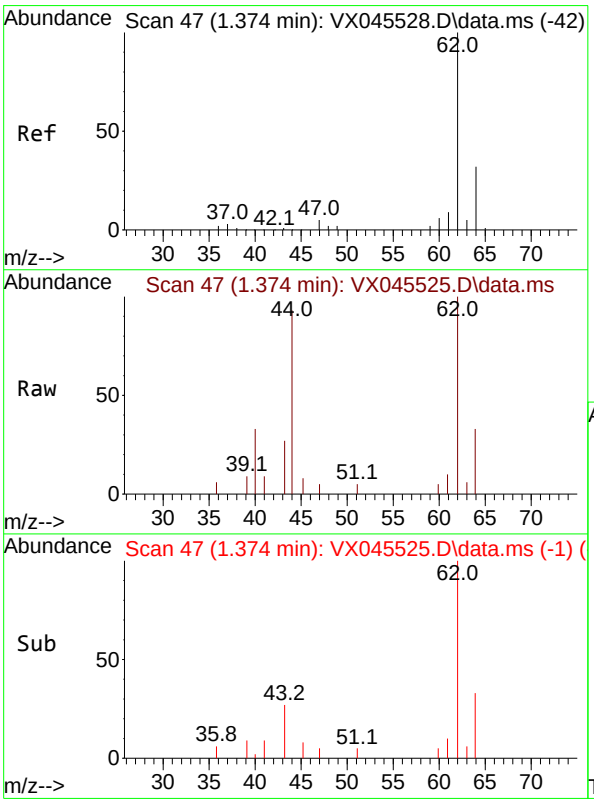
Ion	Ratio	Lower	Upper
50	100		
52	24.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

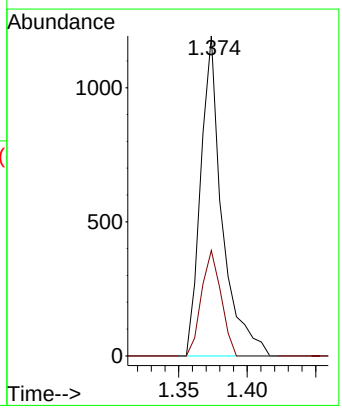
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

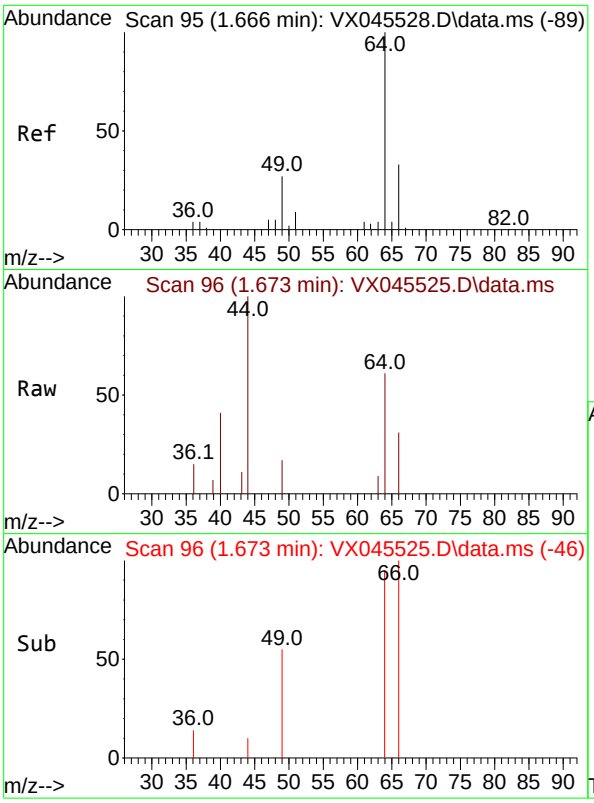


#4
Vinyl Chloride
Concen: 0.955 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 62 Resp: 1299

Ion	Ratio	Lower	Upper
62	100		
64	32.9	25.5	38.3

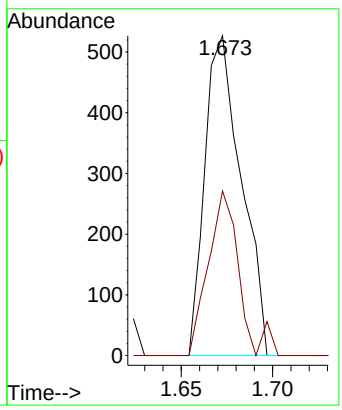




#6
Chloroethane
Concen: 1.014 ug/l
RT: 1.673 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 64 Resp: 73

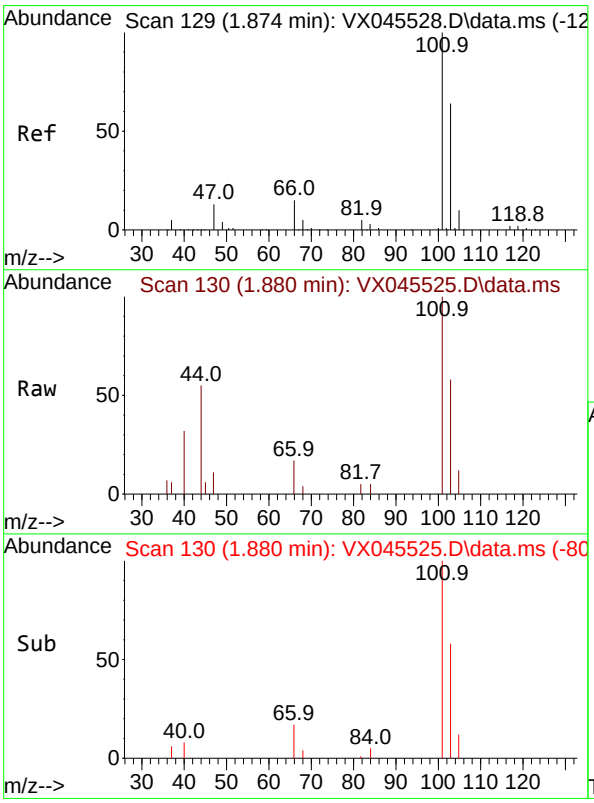
Ion	Ratio	Lower	Upper
64	100		
66	51.4	26.3	39.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

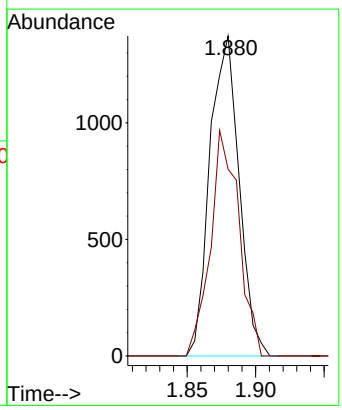
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

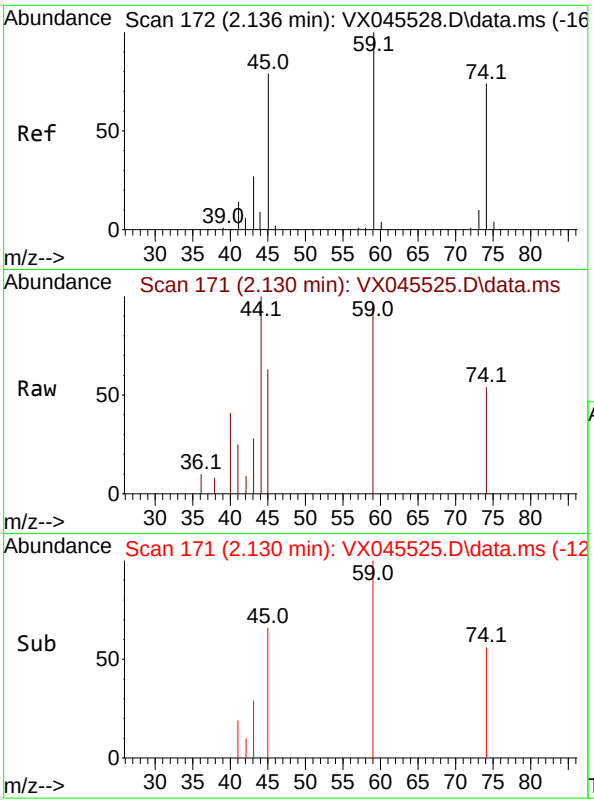


#7
Trichlorofluoromethane
Concen: 1.003 ug/l
RT: 1.880 min Scan# 130
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:101 Resp: 2034

Ion	Ratio	Lower	Upper
101	100		
103	58.3	51.1	76.7





#8
Diethyl Ether
Concen: 0.981 ug/l
RT: 2.130 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

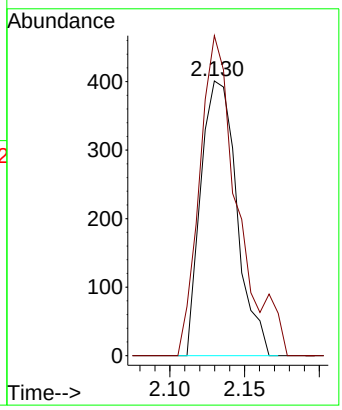
Tgt Ion: 74 Resp: 66

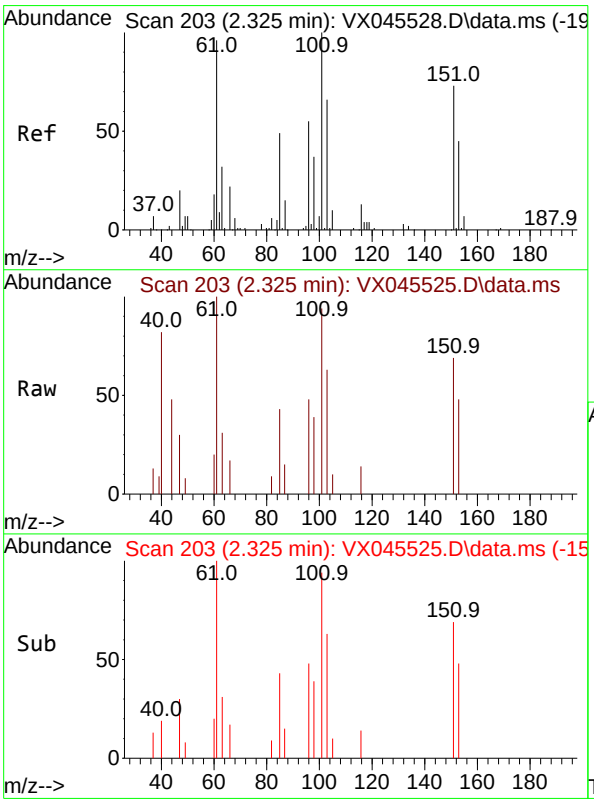
Ion	Ratio	Lower	Upper
74	100		
45	124.1	53.0	159.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

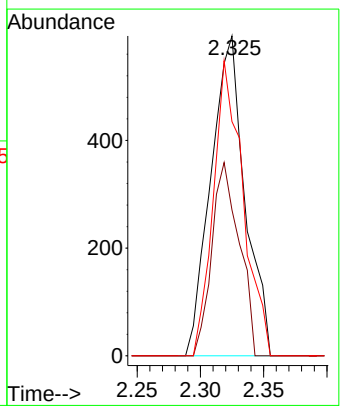


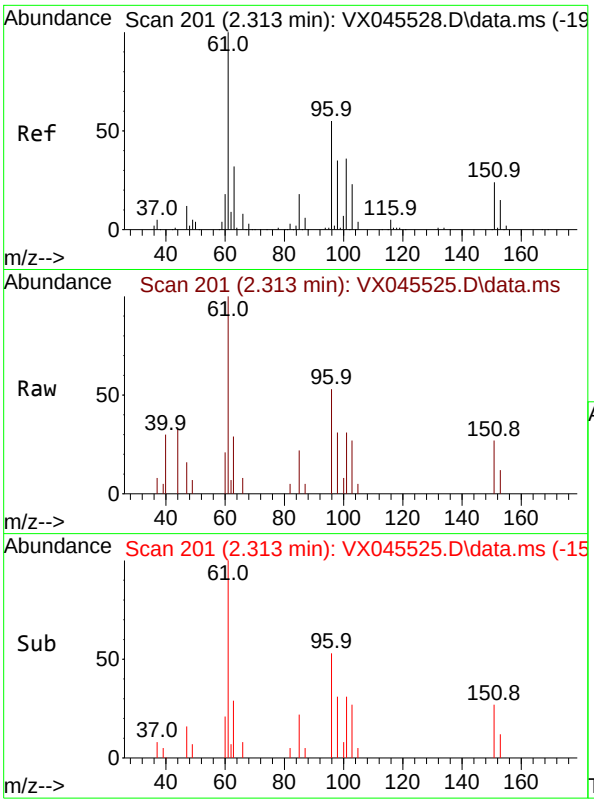


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.936 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:101 Resp: 1113

Ion	Ratio	Lower	Upper
101	100		
85	48.7	38.9	58.3
151	80.3	57.5	86.3

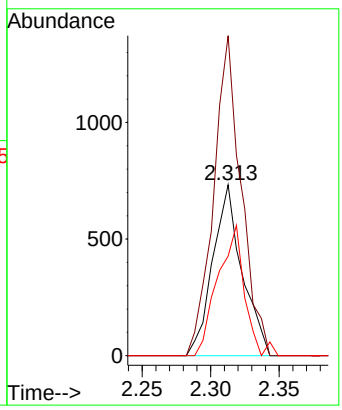




#12
1,1-Dichloroethene
Concen: 0.939 ug/l
RT: 2.313 min Scan# 2(
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 96 Resp: 109(

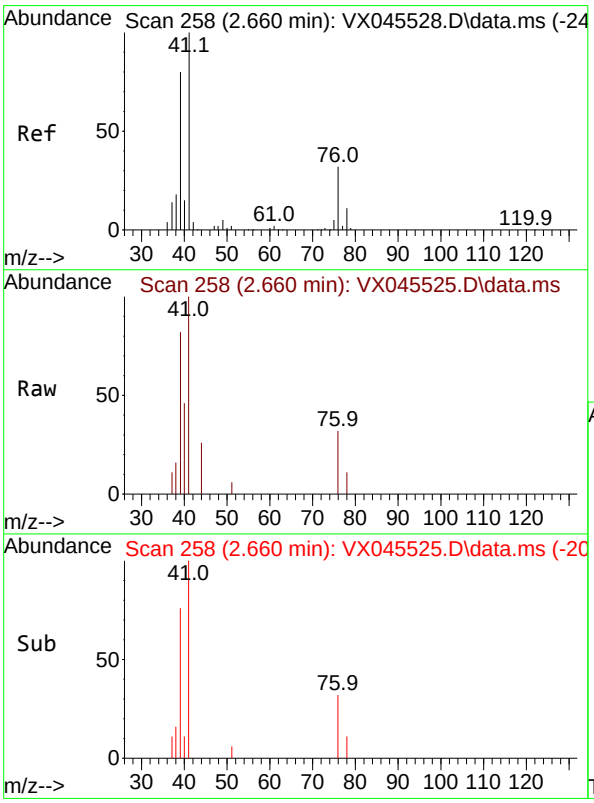
Ion	Ratio	Lower	Upper
96	100		
61	187.2	145.7	218.5
98	58.3	51.6	77.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

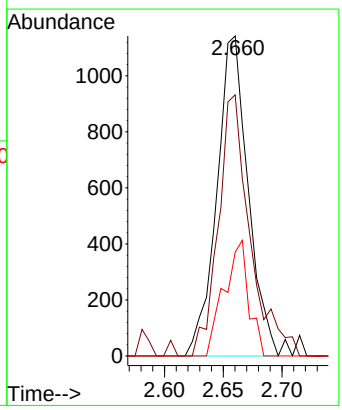
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

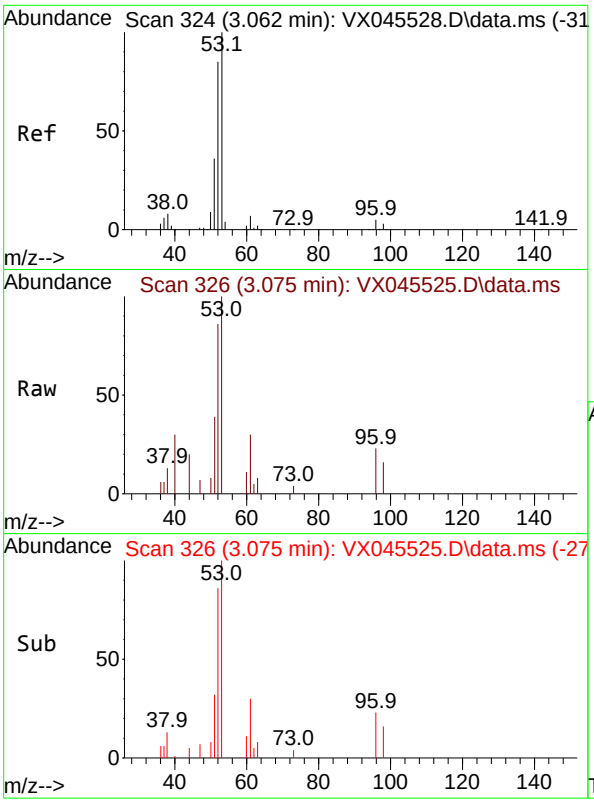


#14
Allyl chloride
Concen: 0.959 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 41 Resp: 2113

Ion	Ratio	Lower	Upper
41	100		
39	82.6	60.2	90.2
76	28.3	24.6	36.8

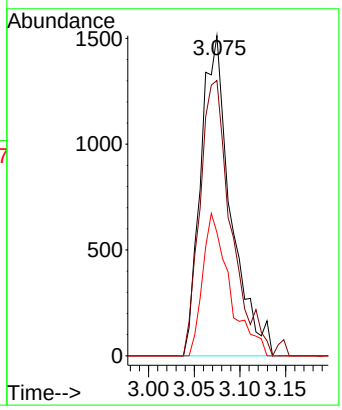




#15
Acrylonitrile
Concen: 4.592 ug/l
RT: 3.075 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 53 Resp: 344

Ion	Ratio	Lower	Upper
53	100		
52	89.4	67.4	101.2
51	40.1	29.9	44.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
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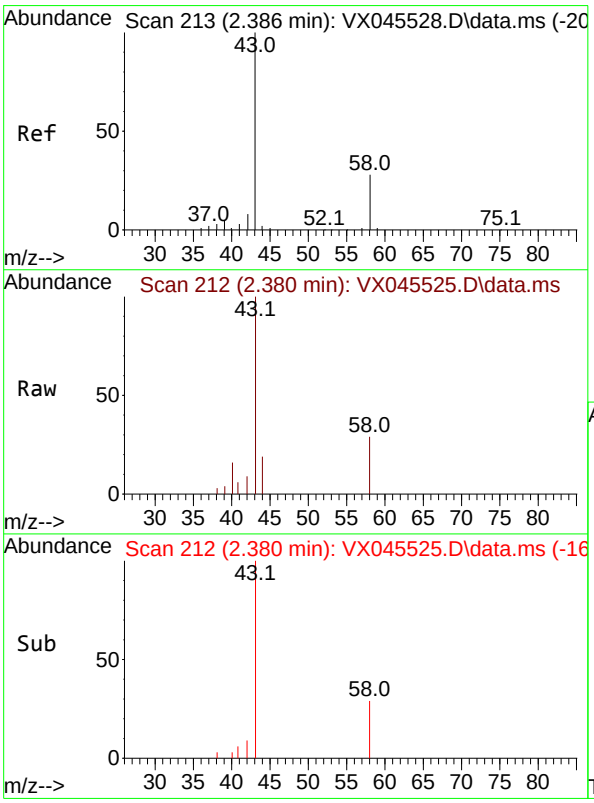
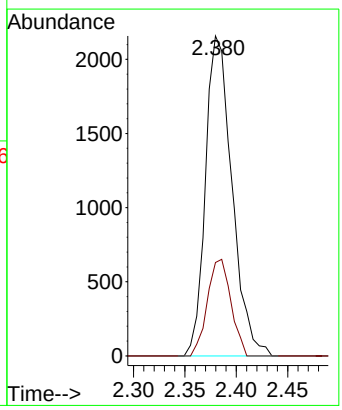
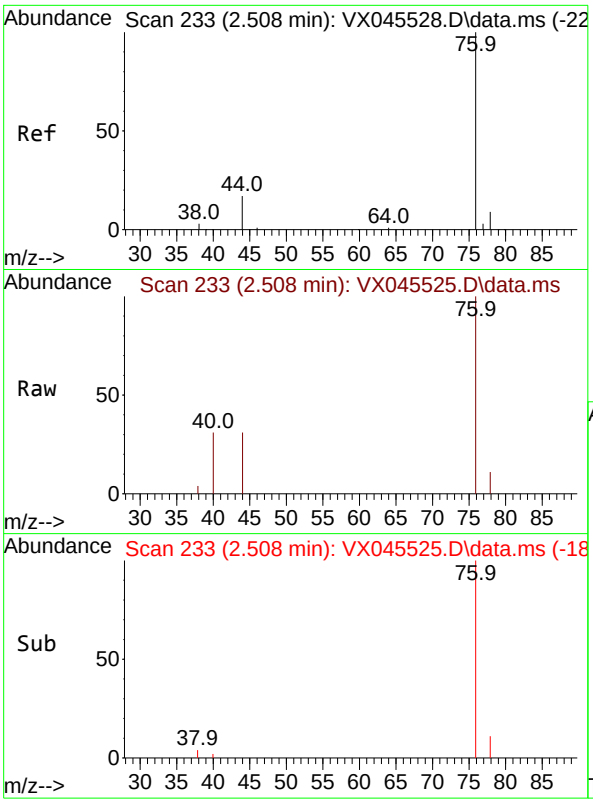


#16
Acetone
Concen: 5.323 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 3867

Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.3	33.5





#17
Carbon Disulfide
Concen: 0.899 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 76 Resp: 258

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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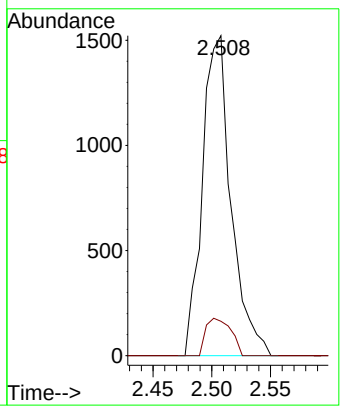
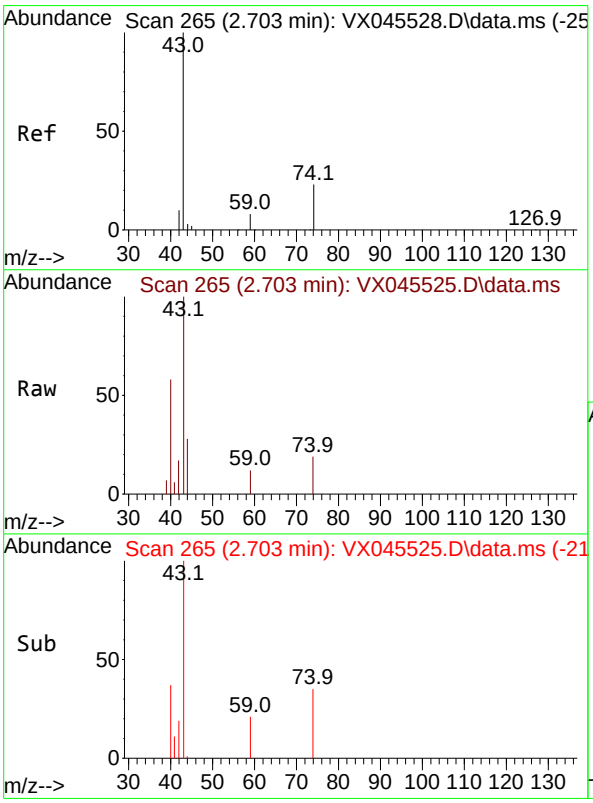
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

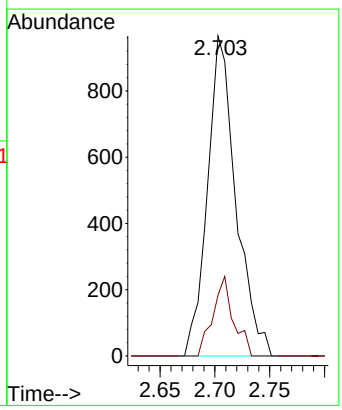


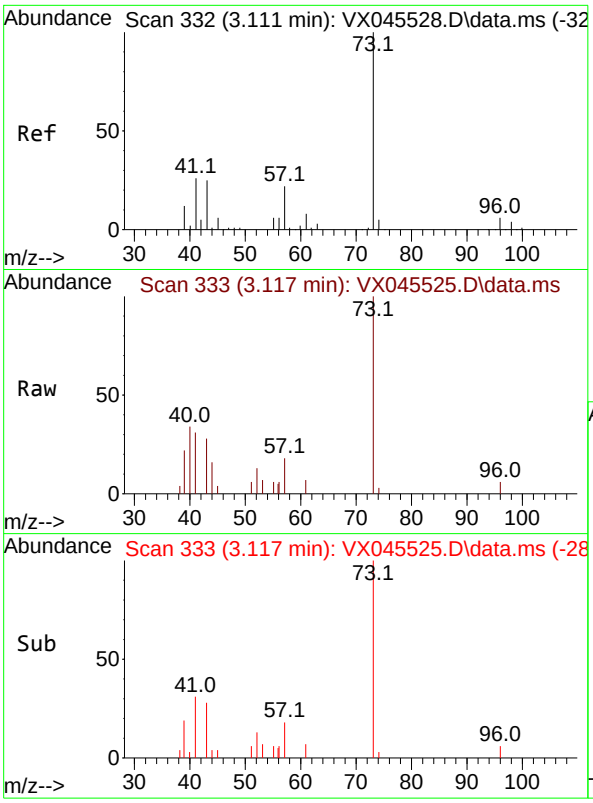


#18
Methyl Acetate
Concen: 1.043 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 1744

Ion	Ratio	Lower	Upper
43	100		
74	17.8	17.5	26.3

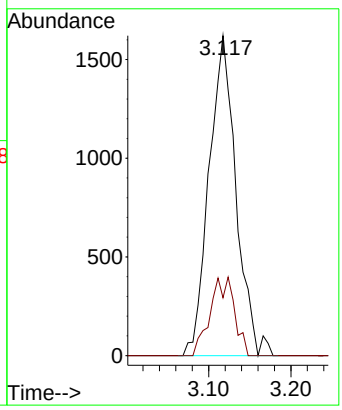




#19
Methyl tert-butyl Ether
Concen: 0.912 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 73 Resp: 370

Ion	Ratio	Lower	Upper
73	100		
57	18.1	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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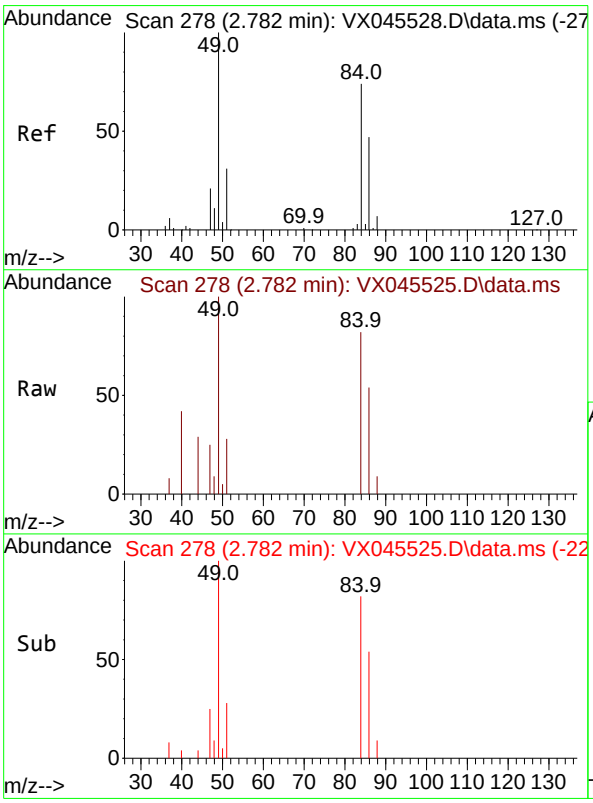
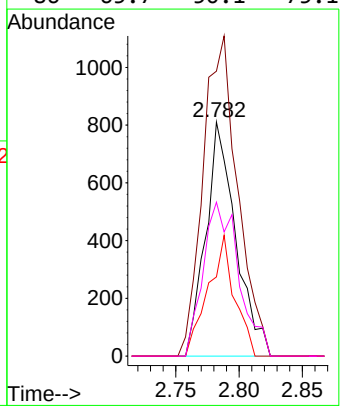
Supervised By :Mahesh Dadoda 04/02/2025

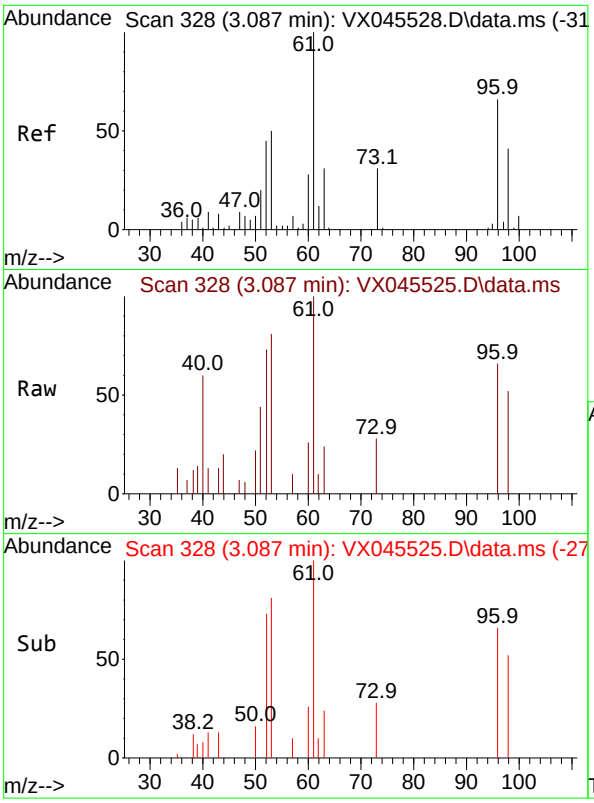


#20
Methylene Chloride
Concen: 0.984 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 84 Resp: 1338

Ion	Ratio	Lower	Upper
84	100		
49	121.7	107.5	161.3
51	33.8	33.0	49.6
86	65.7	50.1	75.1

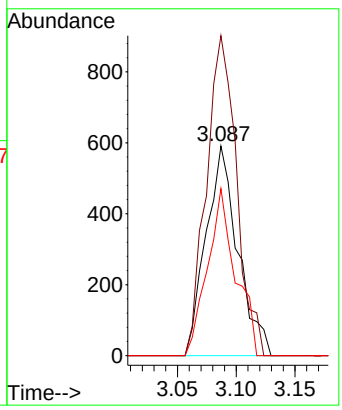




#21
trans-1,2-Dichloroethene
Concen: 0.936 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 96 Resp: 111

Ion	Ratio	Lower	Upper
96	100		
61	152.6	121.0	181.6
98	79.7	49.7	74.5#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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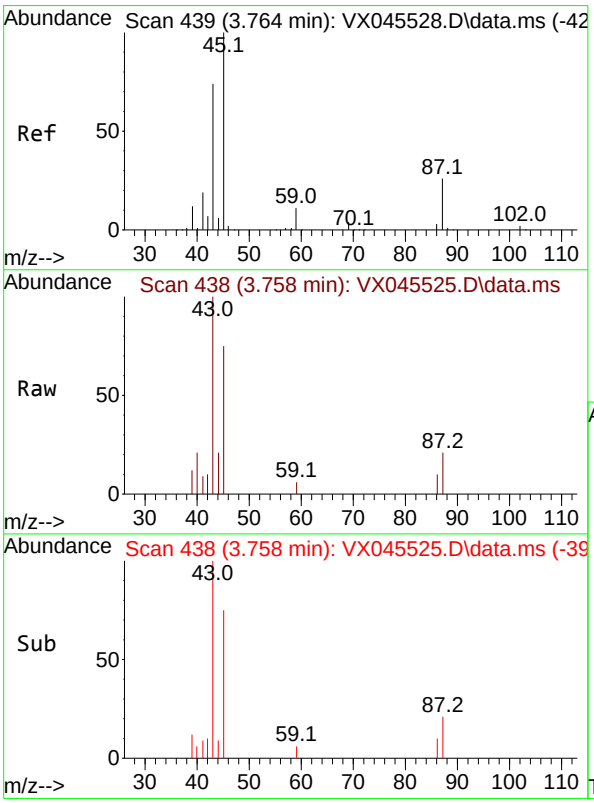
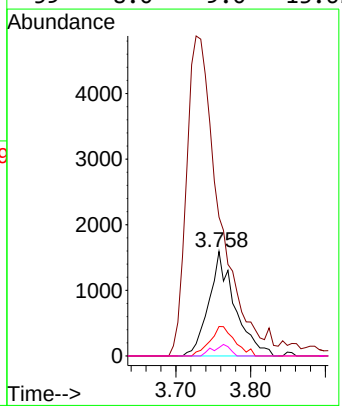
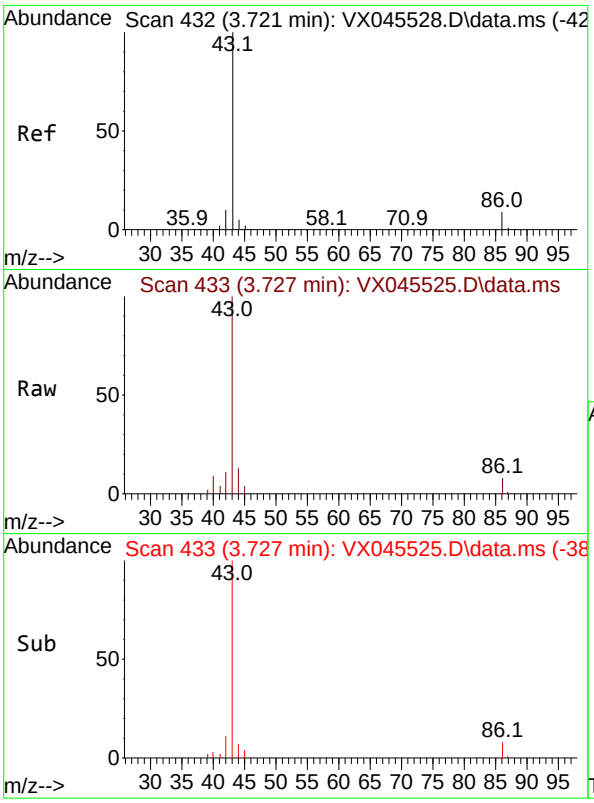


#22
Diisopropyl ether
Concen: 0.893 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 45 Resp: 3875

Ion	Ratio	Lower	Upper
45	100		
43	123.5	59.3	88.9#
87	28.2	20.4	30.6
59	8.0	9.0	13.6#





#23
Vinyl Acetate
Concen: 3.979 ug/l
RT: 3.727 min Scan# 4
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 1492

Ion	Ratio	Lower	Upper
43	100		
86	7.7	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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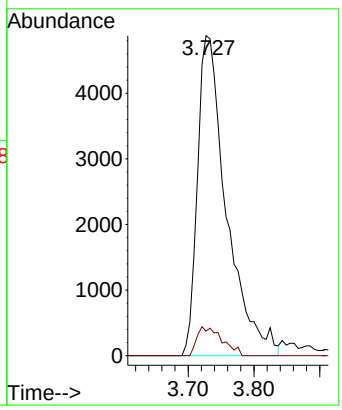
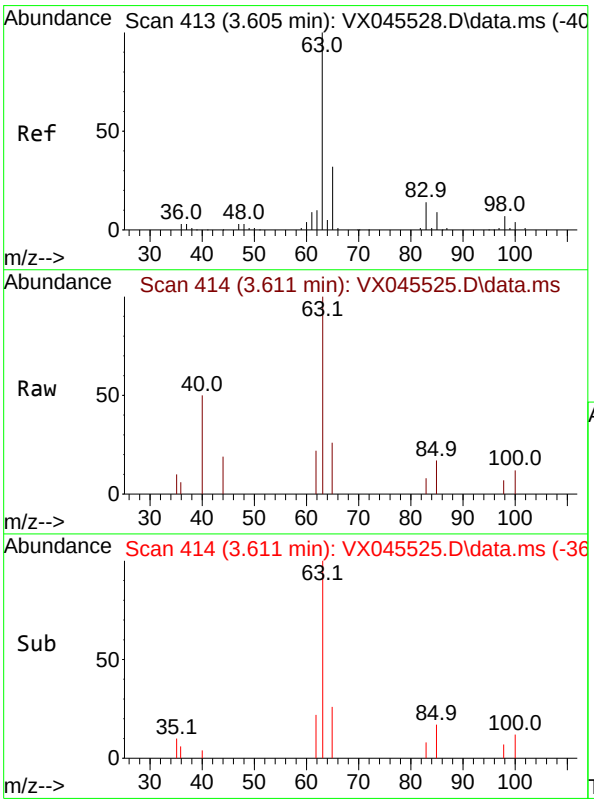
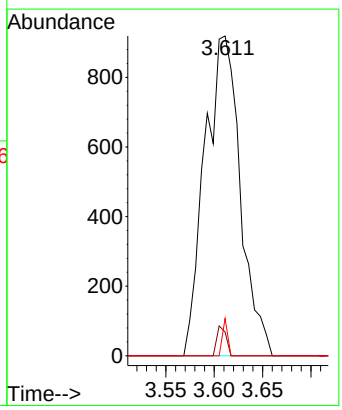


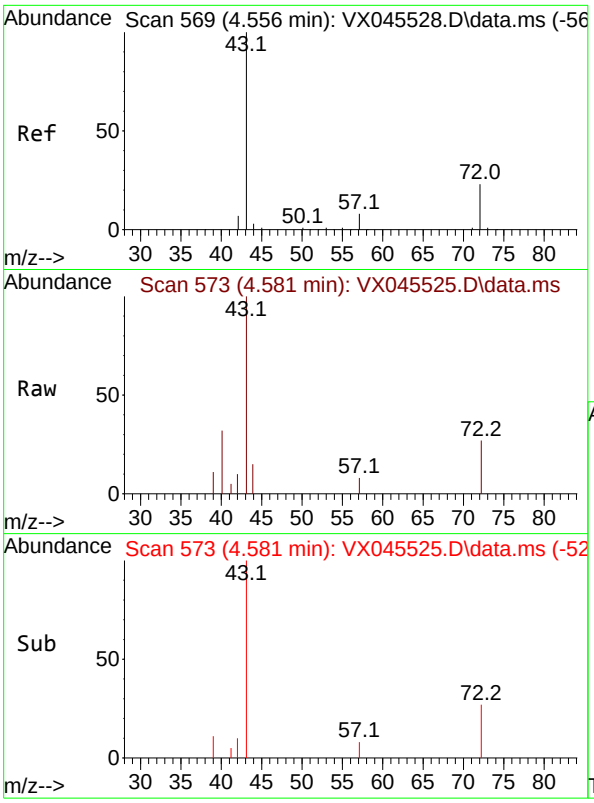


#24
1,1-Dichloroethane
Concen: 0.954 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 63 Resp: 2343

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.4	10.1
100	11.6	2.2	6.6#

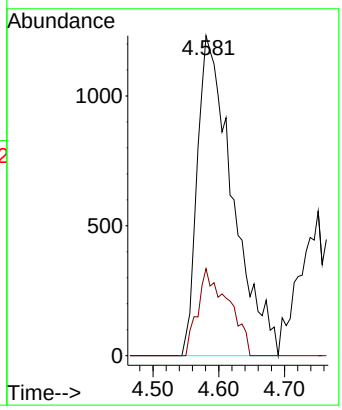




#25
2-Butanone
Concen: 4.317 ug/l
RT: 4.581 min Scan# 5
Delta R.T. 0.025 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 459

Ion	Ratio	Lower	Upper
43	100		
72	27.2	18.6	28.0



Instrument :
MSVOA_X
ClientSampleId :
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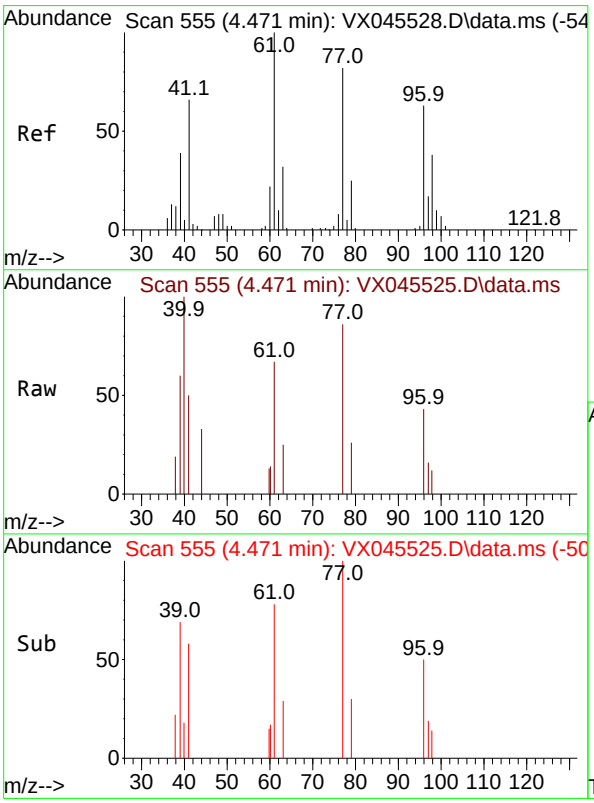
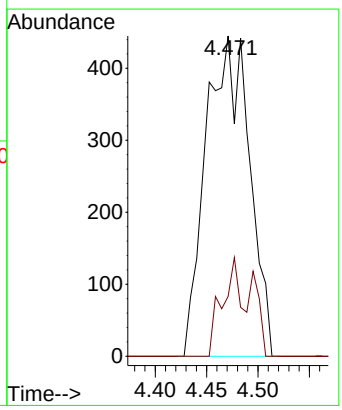
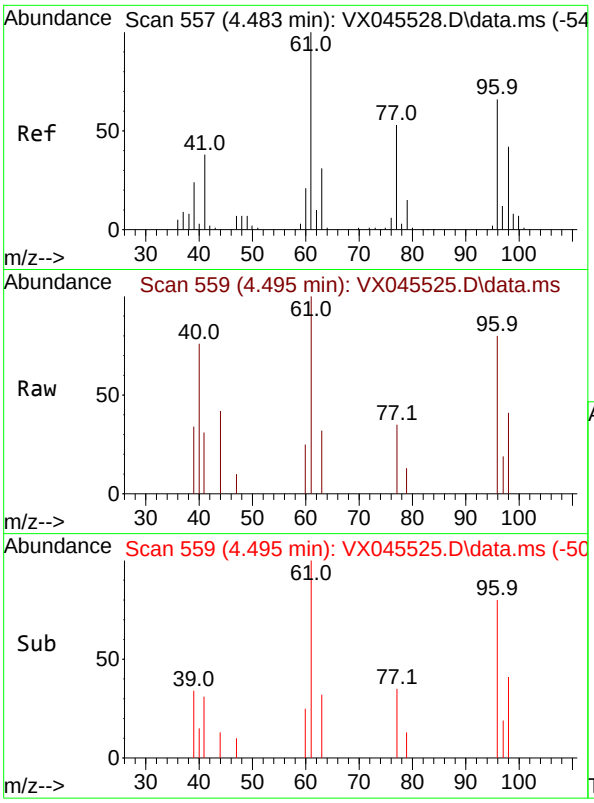


#26
2,2-Dichloropropane
Concen: 0.824 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 77 Resp: 1307

Ion	Ratio	Lower	Upper
77	100		
97	13.9	10.6	31.8

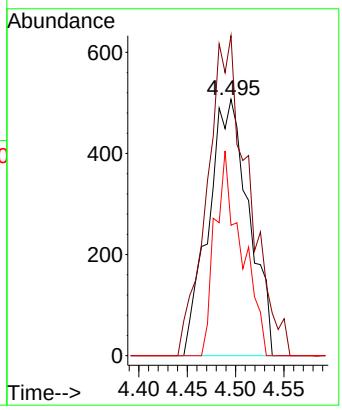




#27
cis-1,2-Dichloroethene
Concen: 1.020 ug/l
RT: 4.495 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 96 Resp: 147

Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	313.2
98	52.4	0.0	126.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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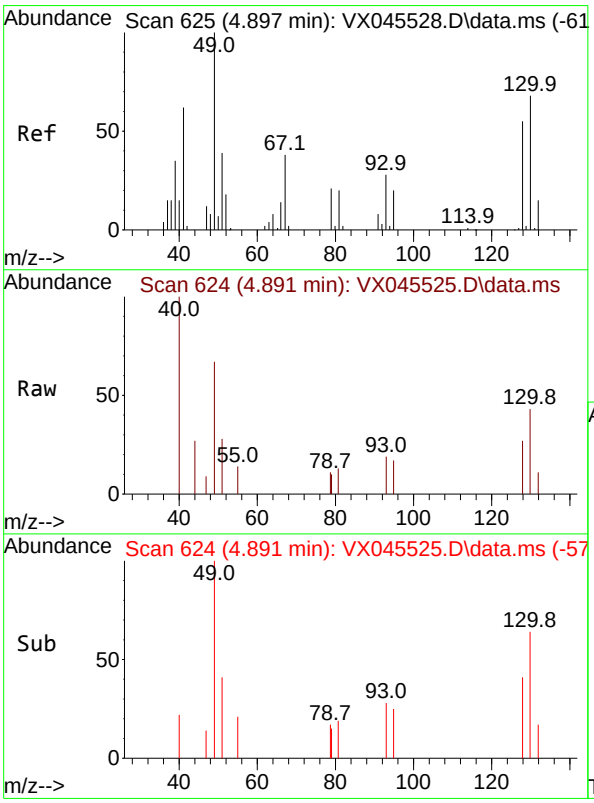
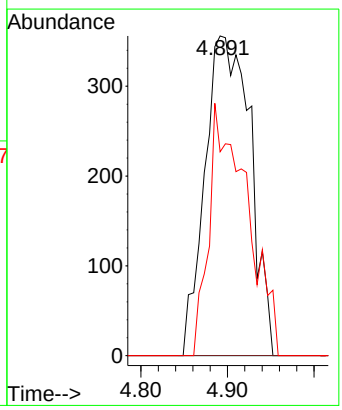
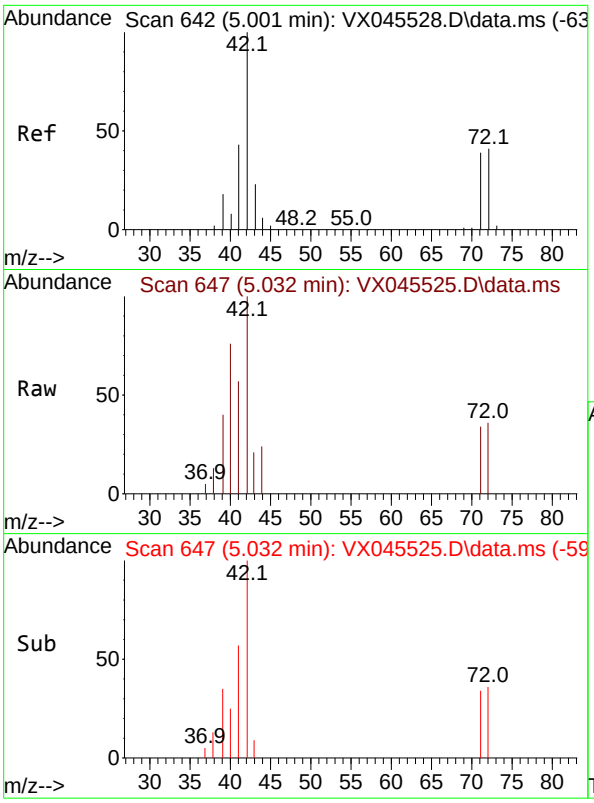


#28
Bromochloromethane
Concen: 1.094 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 49 Resp: 1298

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	66.0	54.6	81.8





#29
Tetrahydrofuran
Concen: 4.752 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 42 Resp: 327

Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.4	50.0
71	36.0	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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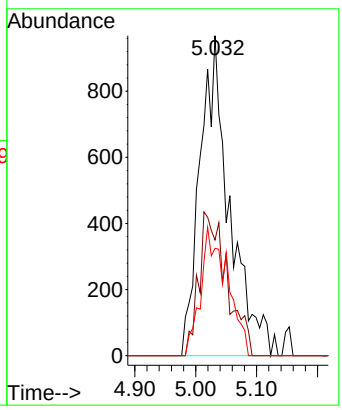
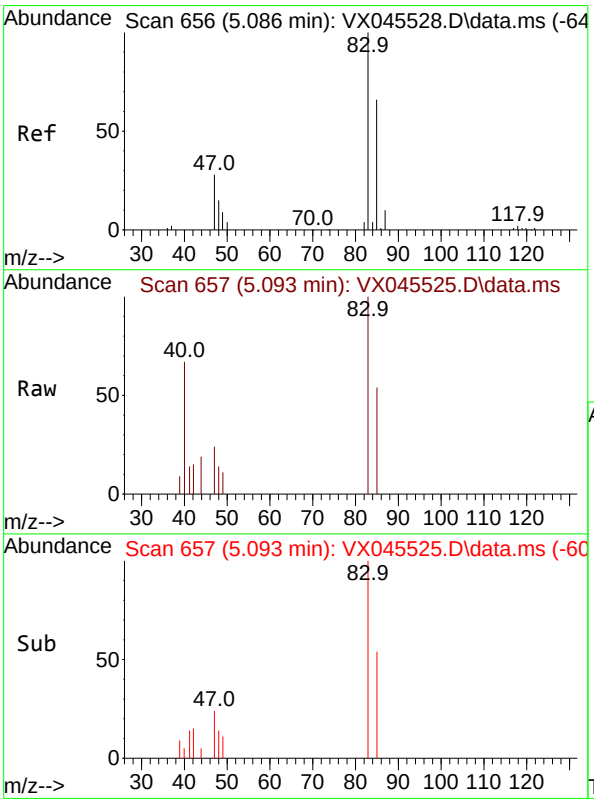
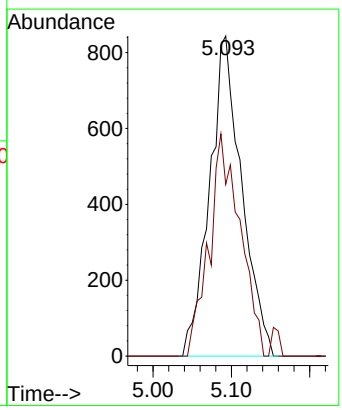


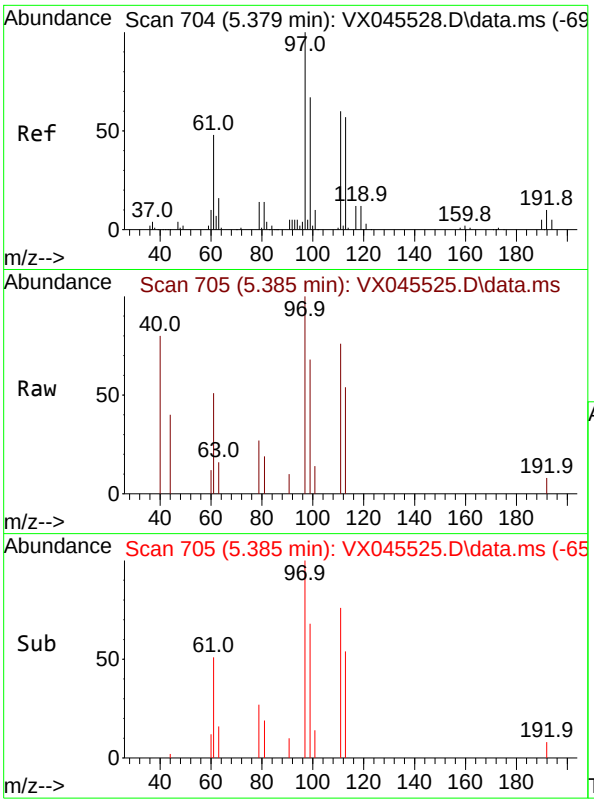


#30
Chloroform
Concen: 0.953 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 83 Resp: 2406

Ion	Ratio	Lower	Upper
83	100		
85	53.7	52.8	79.2

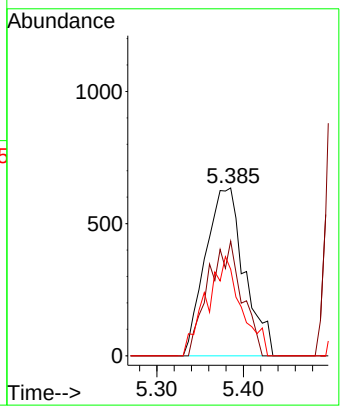




#32
1,1,1-Trichloroethane
Concen: 0.931 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 97 Resp: 198

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.7	77.5#
61	52.8	41.0	61.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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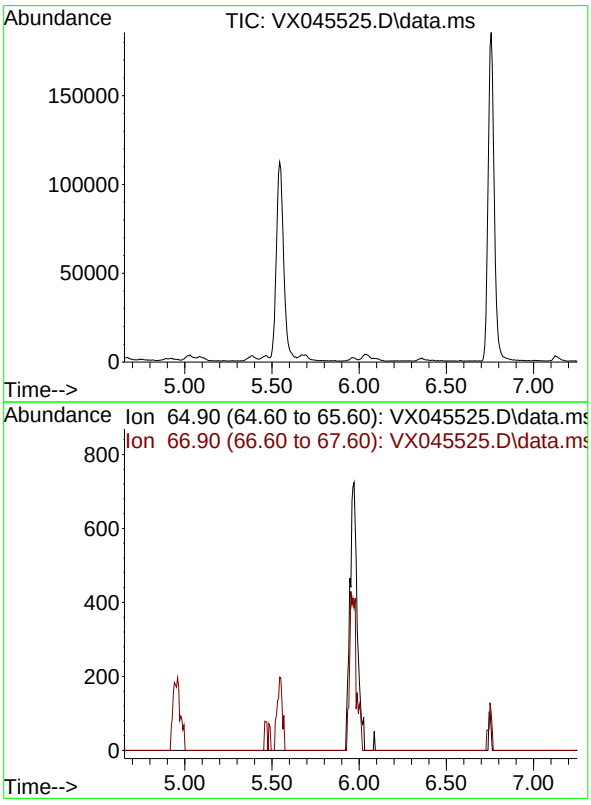
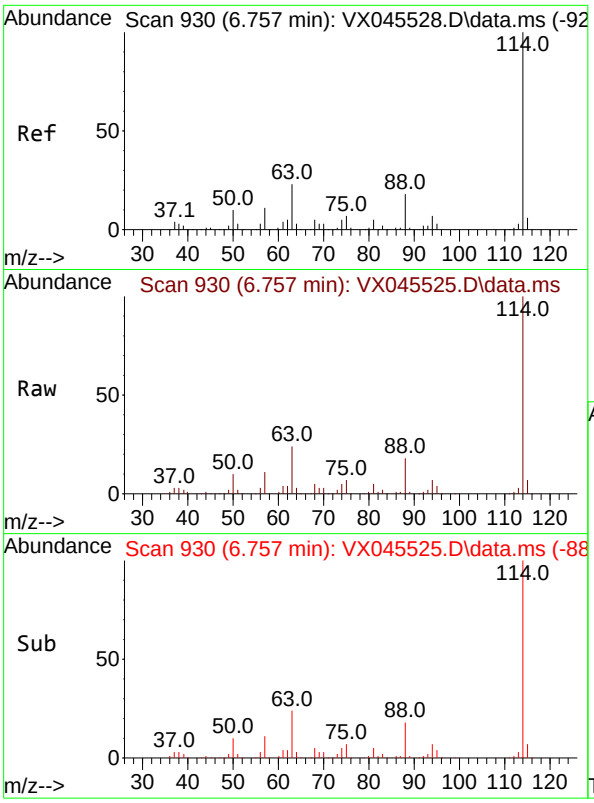


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 5.95 min

Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 65

Sig	Exp Ratio
65	100
67	49.5



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:114 Resp: 17526

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.8
88	18.1	0.0	35.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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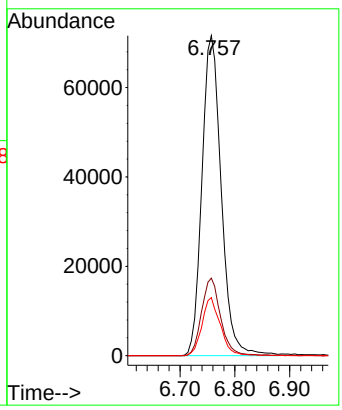
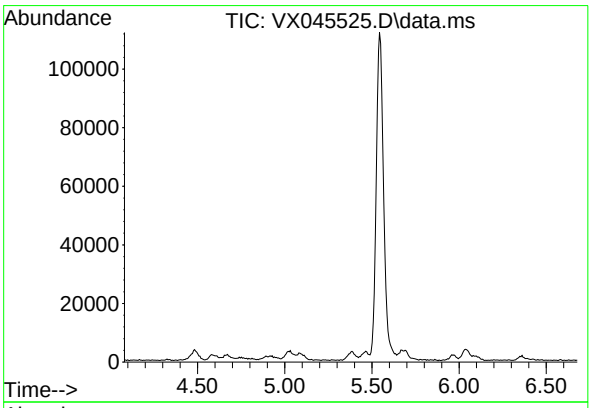


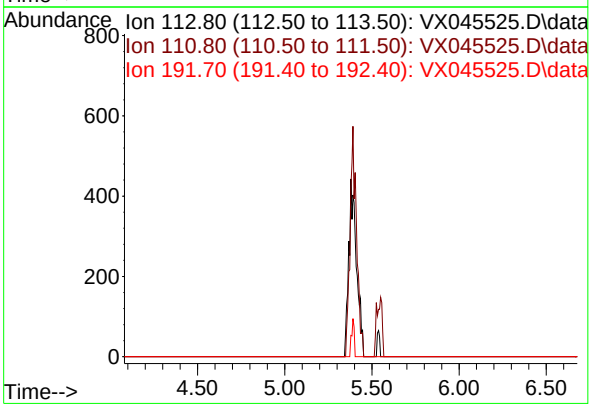


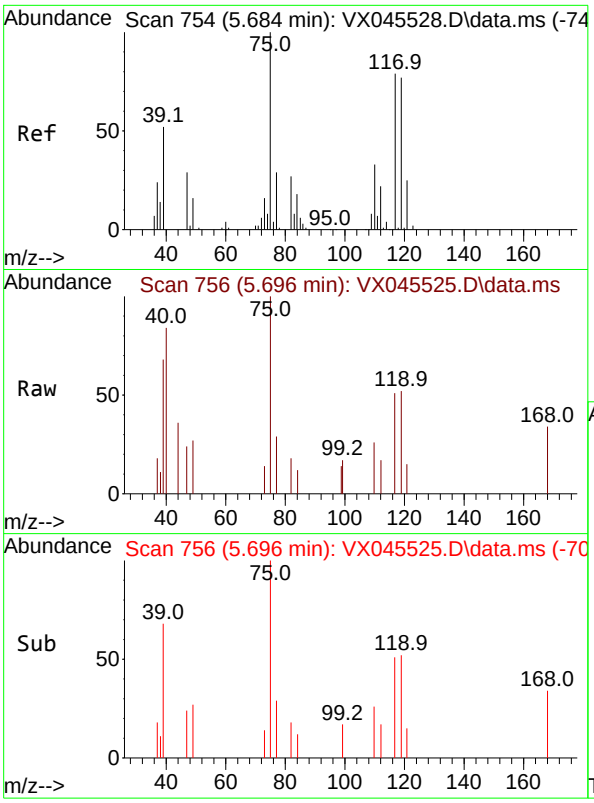
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.38 min

Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	102.2
192	17.2

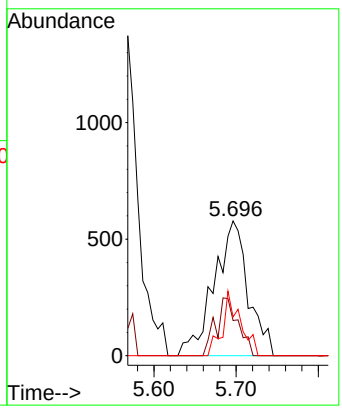




#36
1,1-Dichloropropene
Concen: 0.995 ug/l
RT: 5.696 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 75 Resp: 167

Ion	Ratio	Lower	Upper
75	100		
110	27.6	16.9	50.6
77	25.0	25.0	37.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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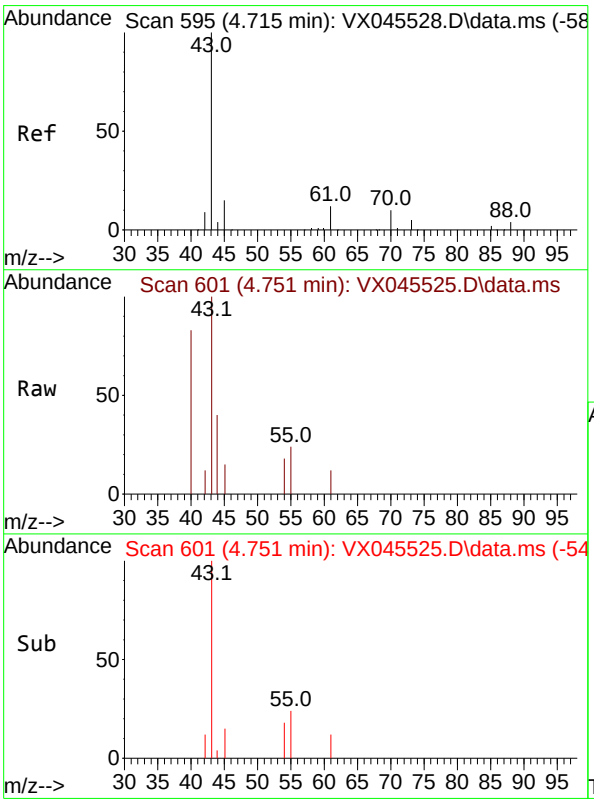
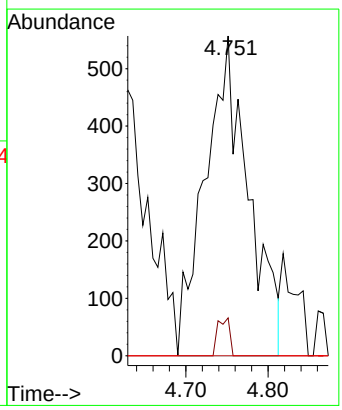
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

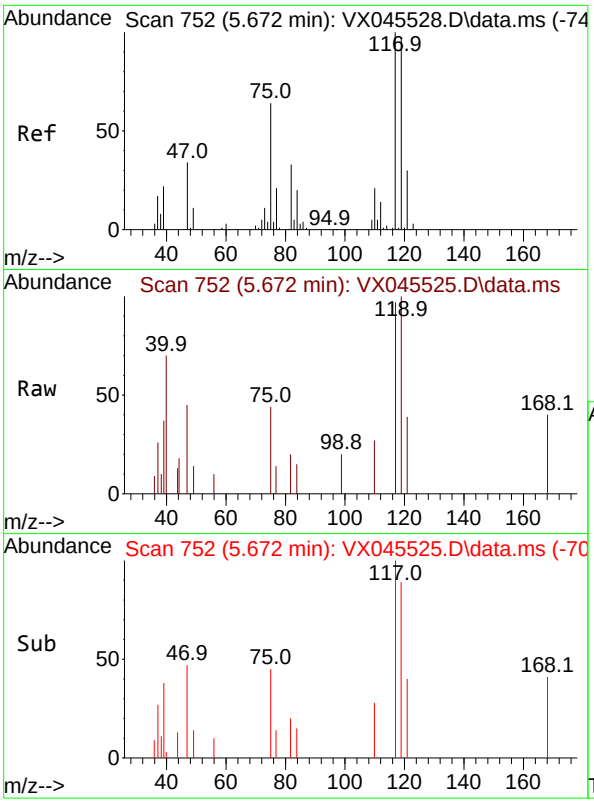


#37
Ethyl Acetate
Concen: 0.964 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.037 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 2040

Ion	Ratio	Lower	Upper
43	100		
61	3.3	9.9	14.9#
70	0.0	7.5	11.3#





#38
Carbon Tetrachloride
Concen: 0.870 ug/l
RT: 5.672 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:117 Resp: 157

Ion	Ratio	Lower	Upper
117	100		
119	102.7	76.9	115.3
121	39.6	24.2	36.2#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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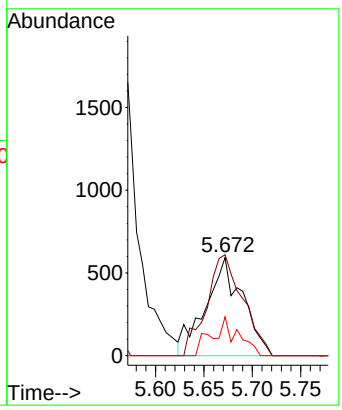
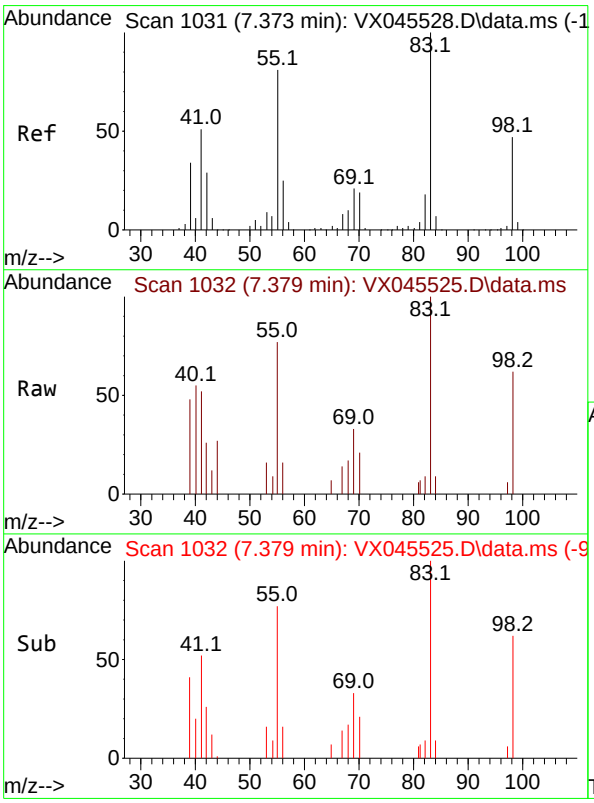
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

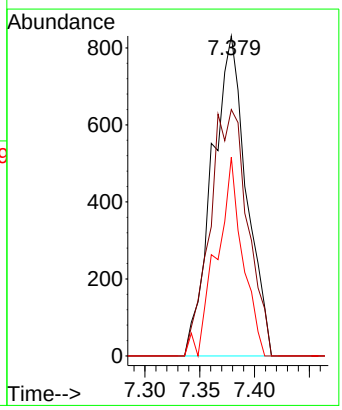


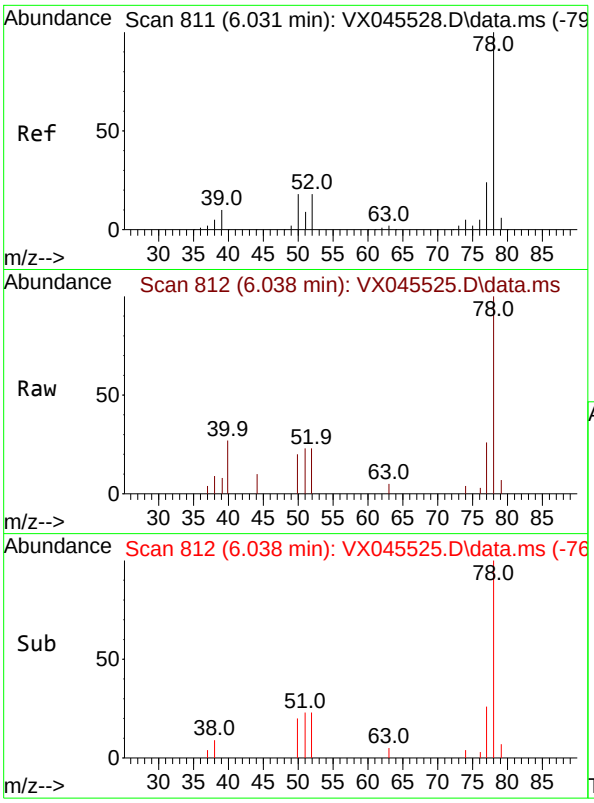


#39
Methylcyclohexane
Concen: 0.883 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 83 Resp: 1818

Ion	Ratio	Lower	Upper
83	100		
55	77.0	64.9	97.3
98	62.1	37.4	56.0#

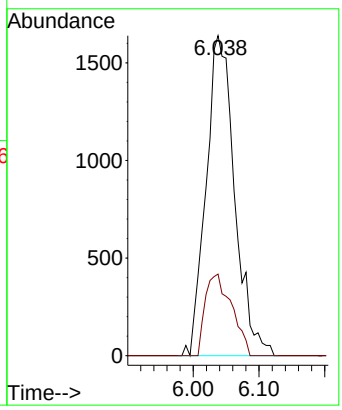




#40
Benzene
Concen: 0.967 ug/l
RT: 6.038 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 78 Resp: 495

Ion	Ratio	Lower	Upper
78	100		
77	25.5	19.0	28.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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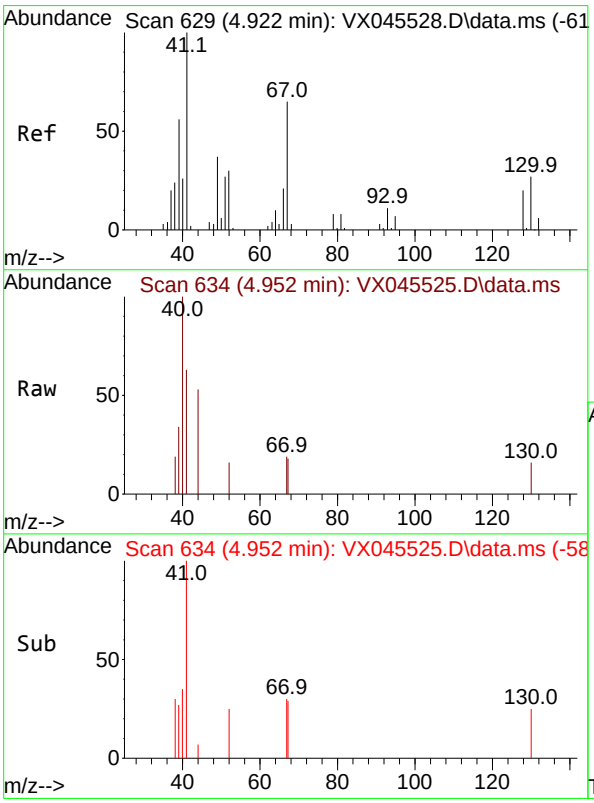
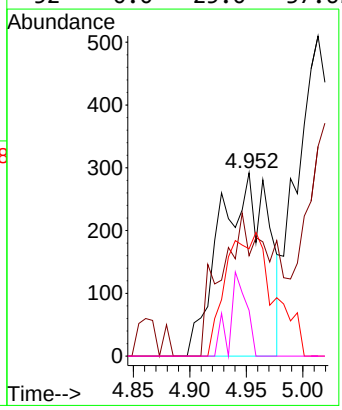
Supervised By :Mahesh Dadoda 04/02/2025

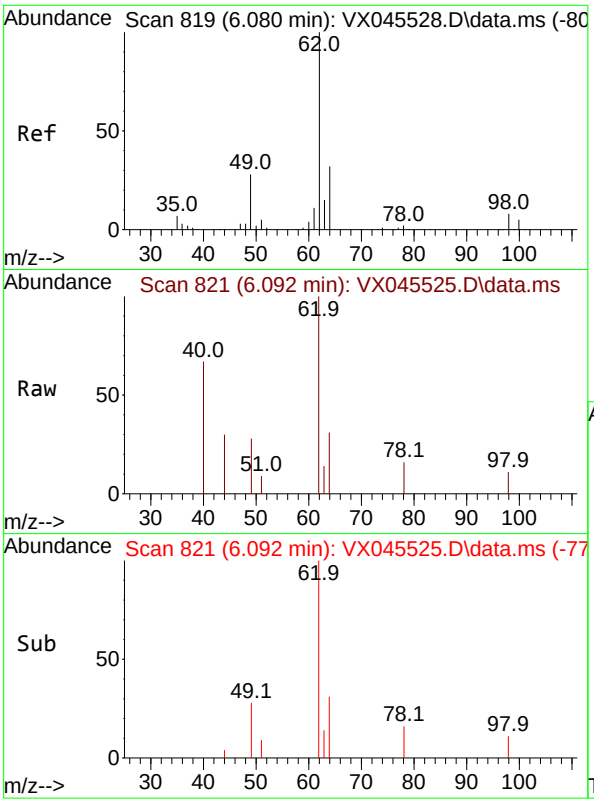


#41
Methacrylonitrile
Concen: 0.784 ug/l m
RT: 4.952 min Scan# 634
Delta R.T. 0.031 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 41 Resp: 883

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.0	70.6#
67	0.0	53.2	79.8#
52	0.0	25.0	37.6#

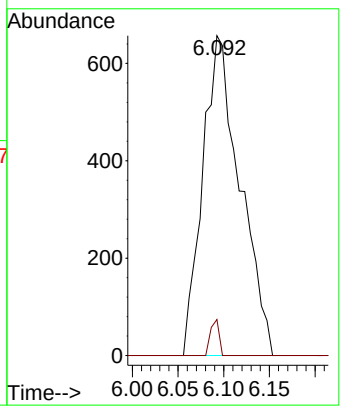




#42
1,2-Dichloroethane
Concen: 0.882 ug/l
RT: 6.092 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 62 Resp: 186

Ion	Ratio	Lower	Upper
62	100		
98	2.6	0.0	15.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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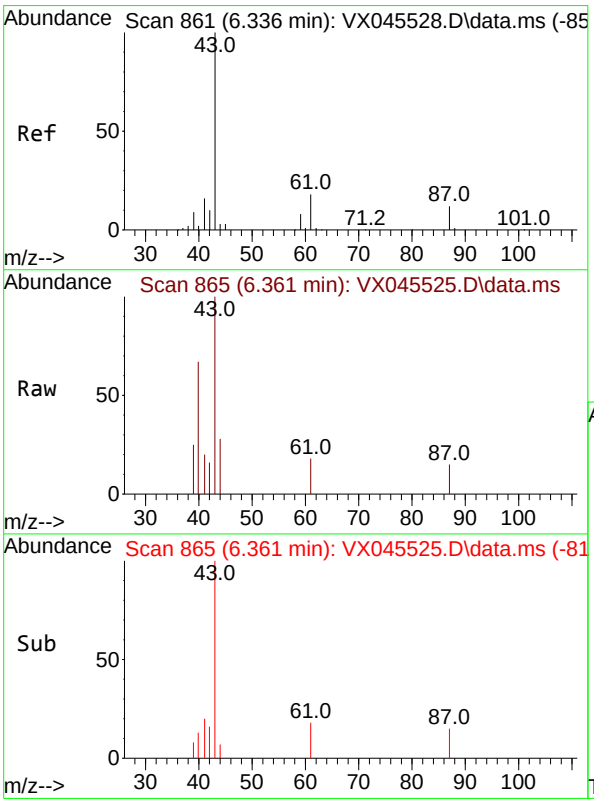
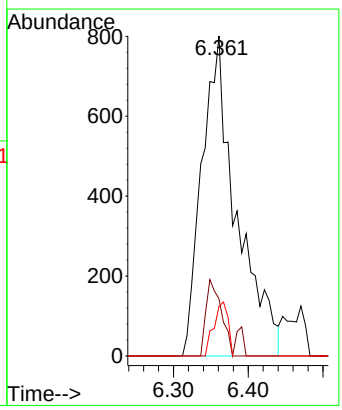
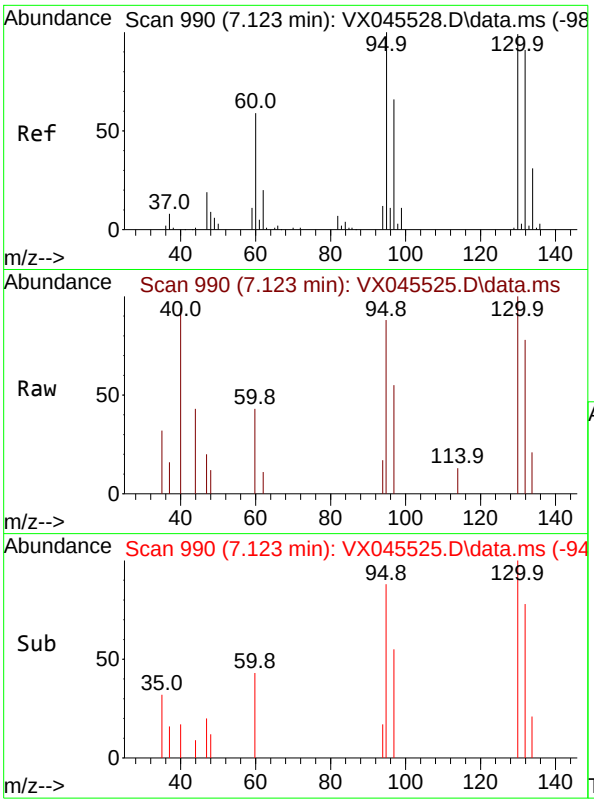


#43
Isopropyl Acetate
Concen: 0.804 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.025 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 2578

Ion	Ratio	Lower	Upper
43	100		
61	10.6	14.1	21.1#
87	6.9	9.2	13.8#





#44
Trichloroethene
Concen: 1.004 ug/l
RT: 7.123 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:130 Resp: 122

Ion	Ratio	Lower	Upper
130	100		
95	88.0	0.0	202.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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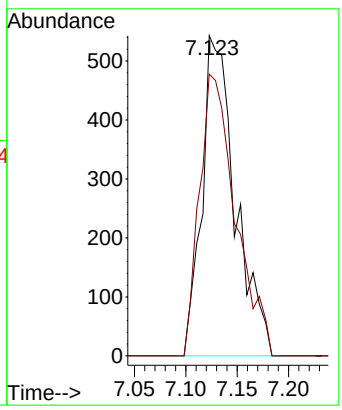
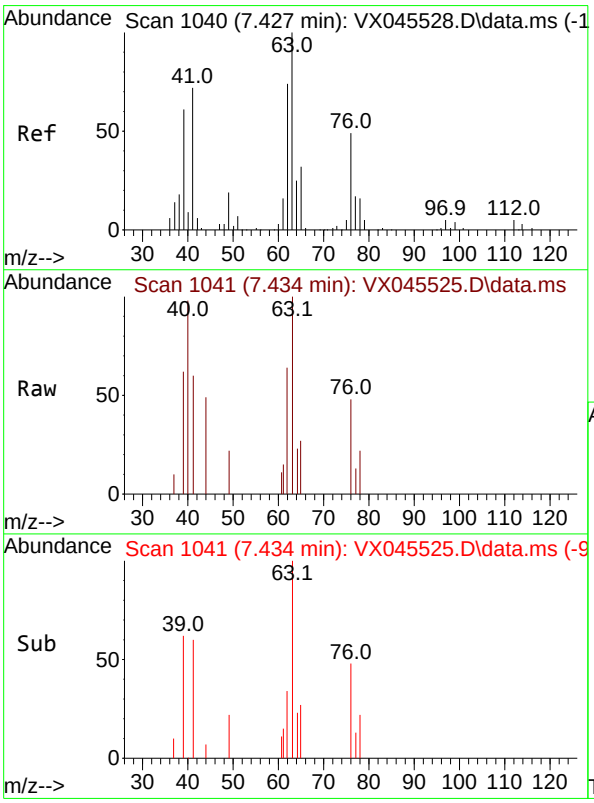
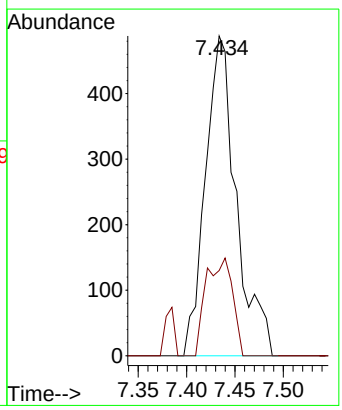


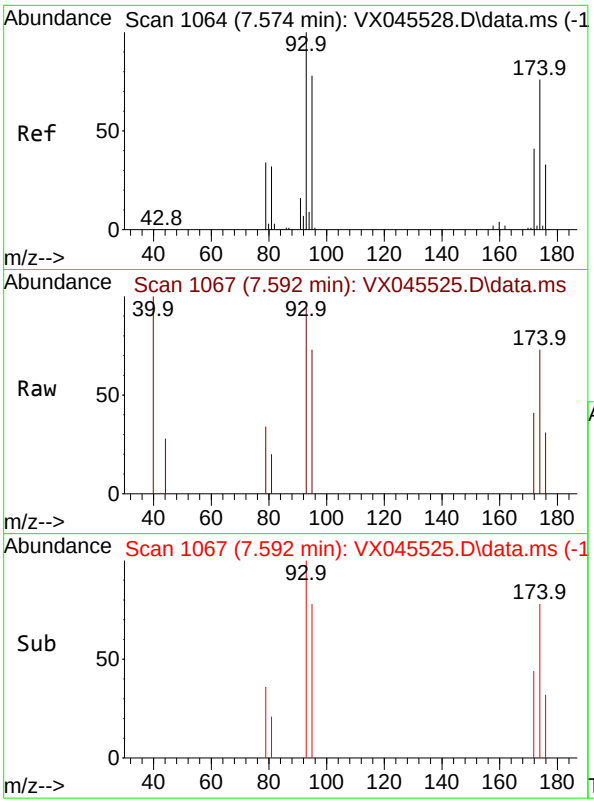


#45
1,2-Dichloropropane
Concen: 0.846 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 63 Resp: 1082

Ion	Ratio	Lower	Upper
63	100		
65	26.6	25.8	38.6

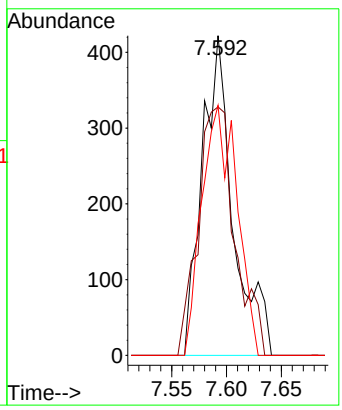




#46
Dibromomethane
Concen: 0.846 ug/l
RT: 7.592 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 93 Resp: 83

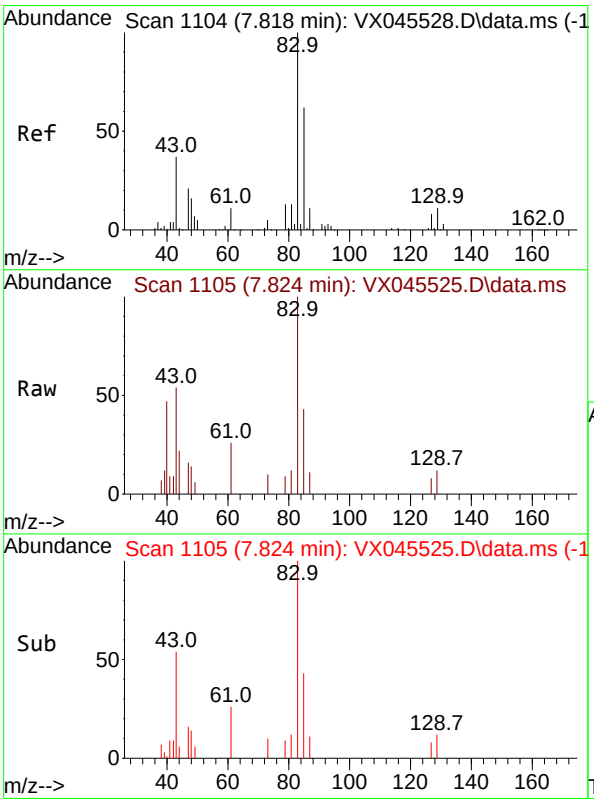
Ion	Ratio	Lower	Upper
93	100		
95	92.2	64.8	97.2
174	88.4	65.4	98.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

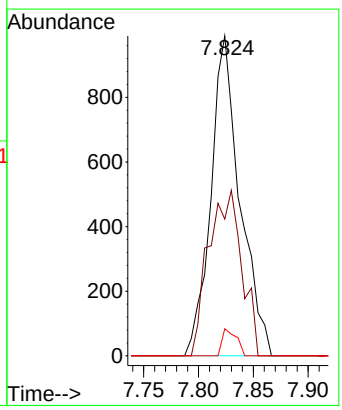
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

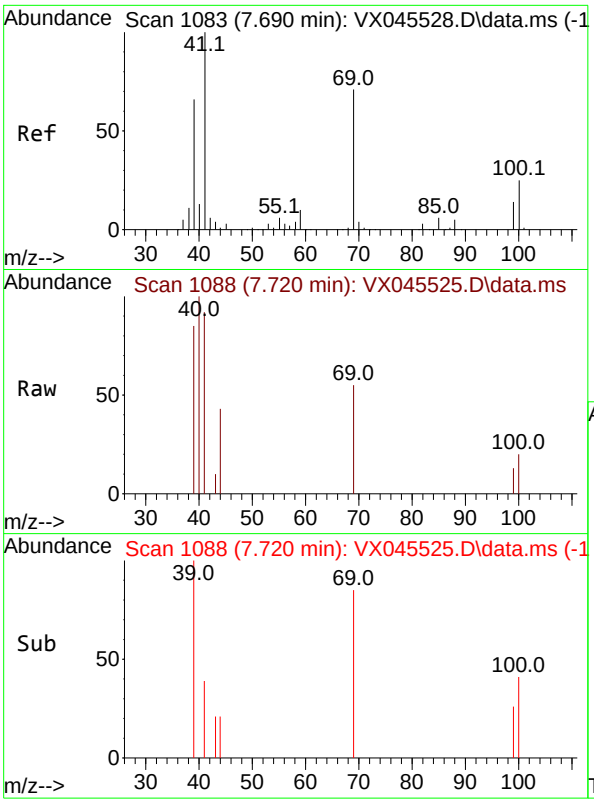


#47
Bromodichloromethane
Concen: 0.931 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 83 Resp: 1827

Ion	Ratio	Lower	Upper
83	100		
85	42.7	49.7	74.5#
127	8.5	6.1	9.1

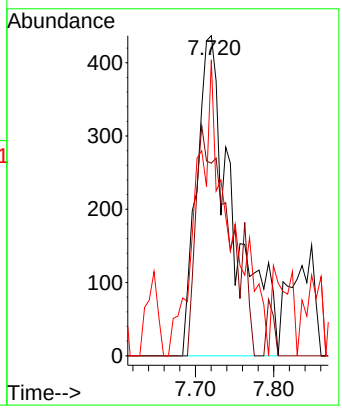




#48
Methyl methacrylate
Concen: 0.857 ug/l
RT: 7.720 min Scan# 1
Delta R.T. 0.031 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 41 Resp: 141

Ion	Ratio	Lower	Upper
41	100		
69	64.7	58.2	87.2
39	72.7	53.6	80.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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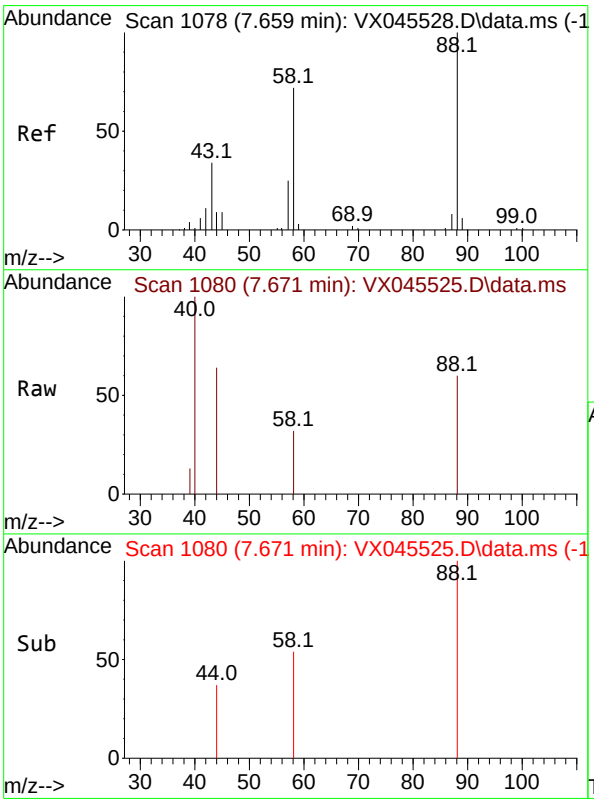
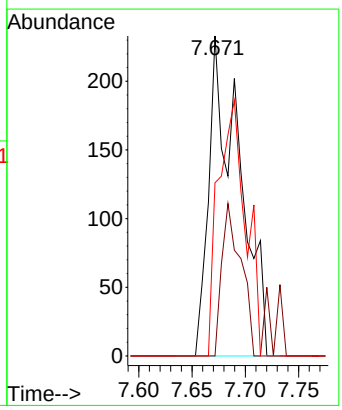
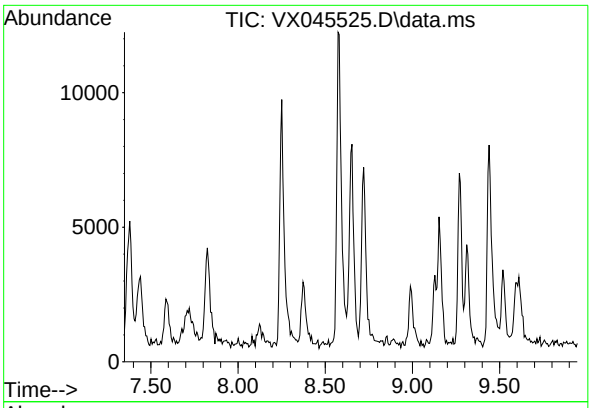


#49
1,4-Dioxane
Concen: 15.288 ug/l m
RT: 7.671 min Scan# 1080
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 88 Resp: 458

Ion	Ratio	Lower	Upper
88	100		
43	30.3	32.2	48.4#
58	72.3	58.6	88.0





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.65 min

Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 98

Sig	Exp Ratio
98	100
100	65.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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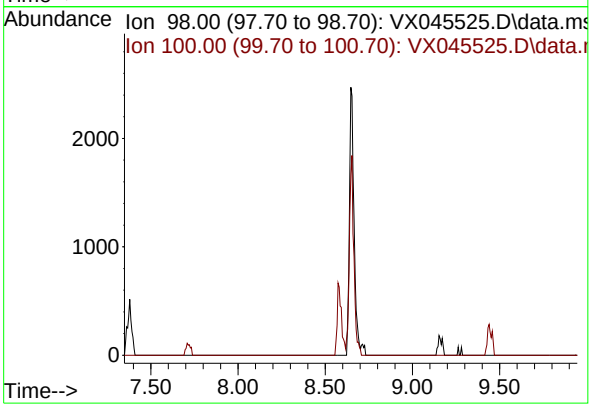
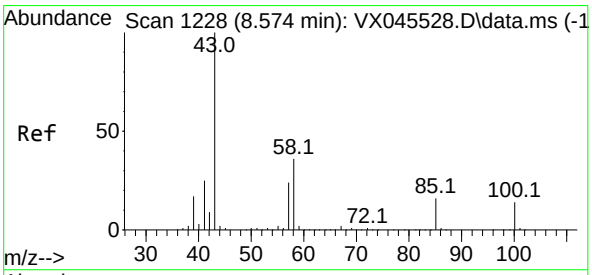
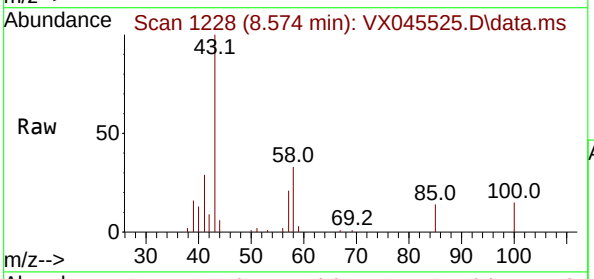


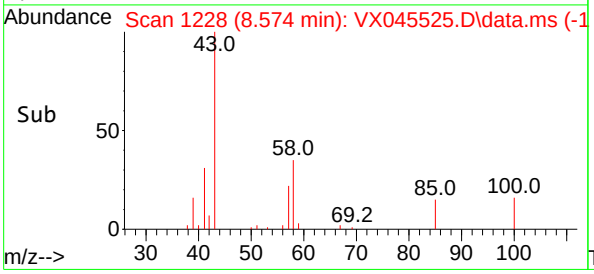


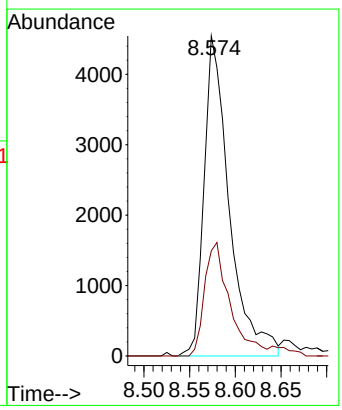
#51
4-Methyl-2-Pentanone
Concen: 4.114 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

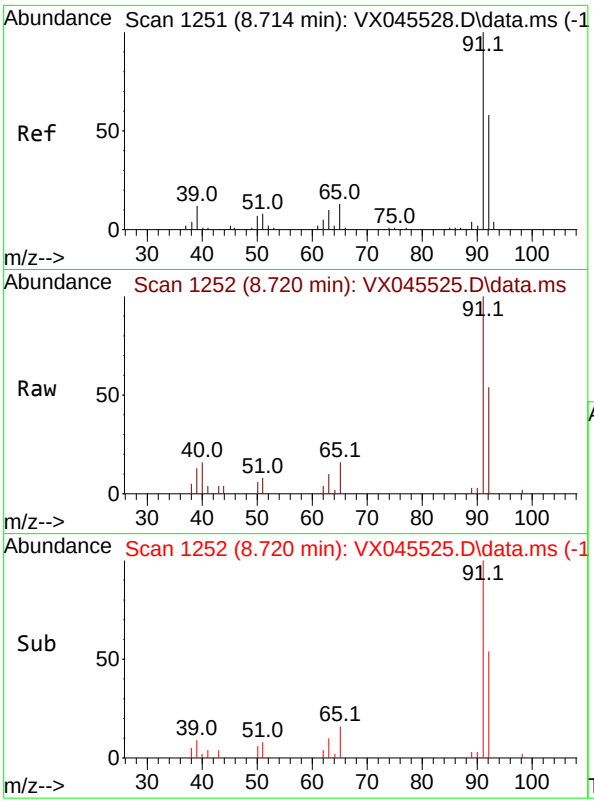
Tgt Ion: 43 Resp: 8746

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.5	42.7





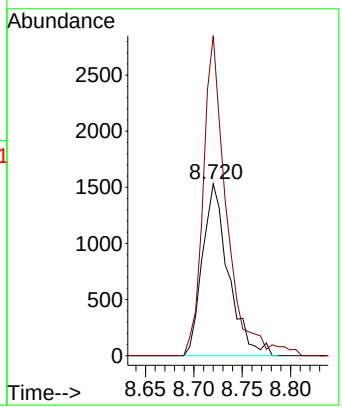




#52
Toluene
Concen: 0.923 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 92 Resp: 286

Ion	Ratio	Lower	Upper
92	100		
91	167.2	138.7	208.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
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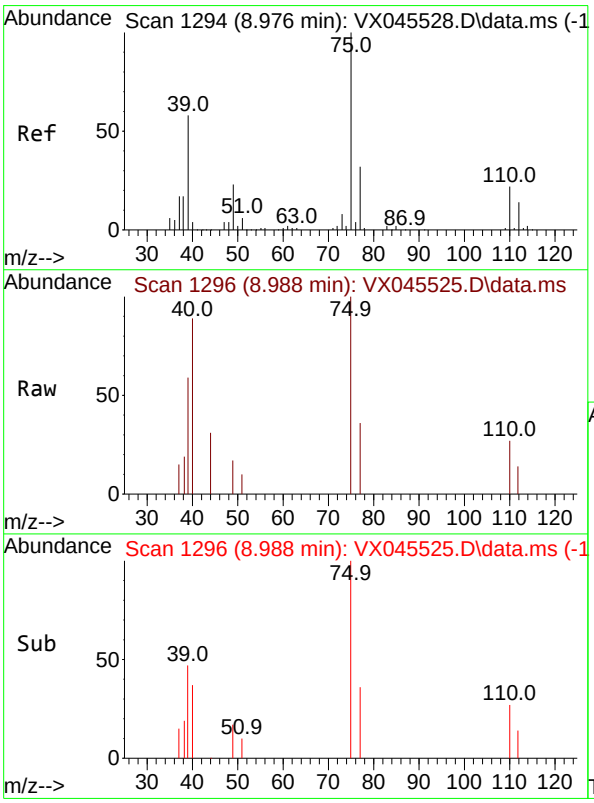
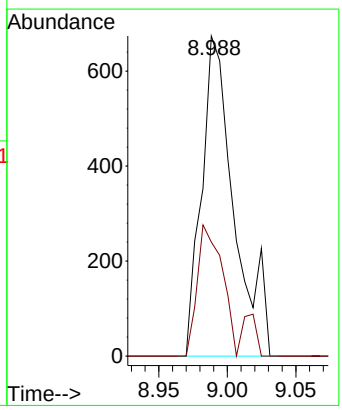
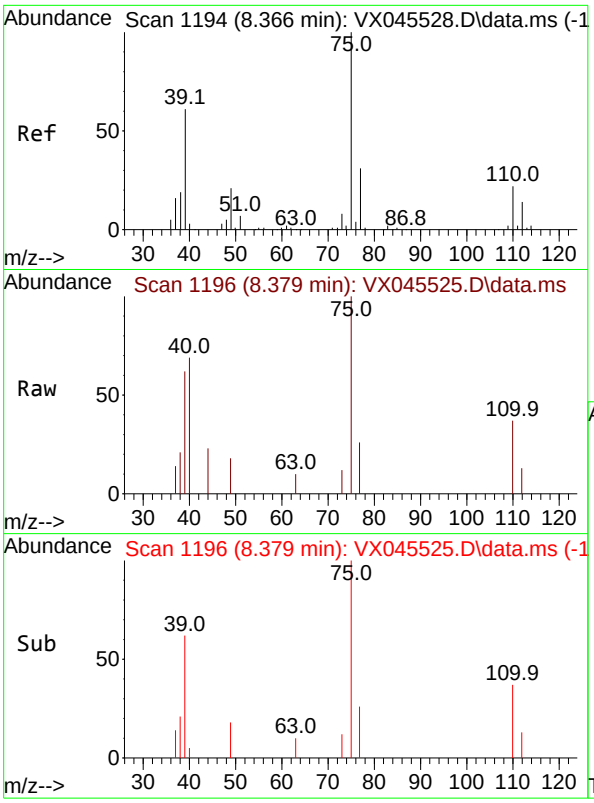


#53
t-1,3-Dichloropropene
Concen: 2.850 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 75 Resp: 1109

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.4	38.0

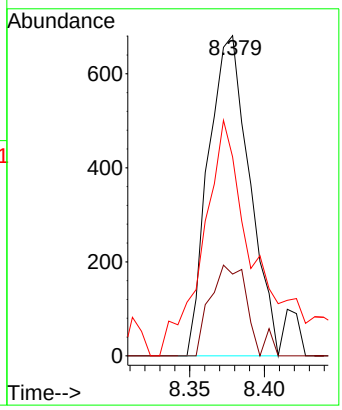




#54
cis-1,3-Dichloropropene
Concen: 0.705 ug/l
RT: 8.379 min Scan# 1
Delta R.T. 0.013 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 75 Resp: 130

Ion	Ratio	Lower	Upper
75	100		
77	25.6	24.6	36.8
39	52.4	48.4	72.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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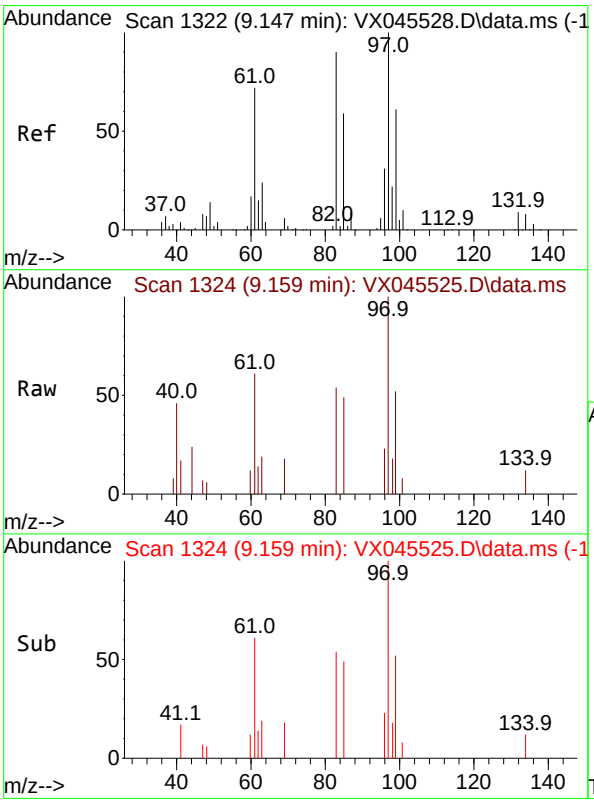
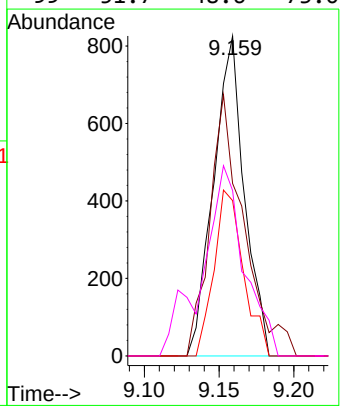
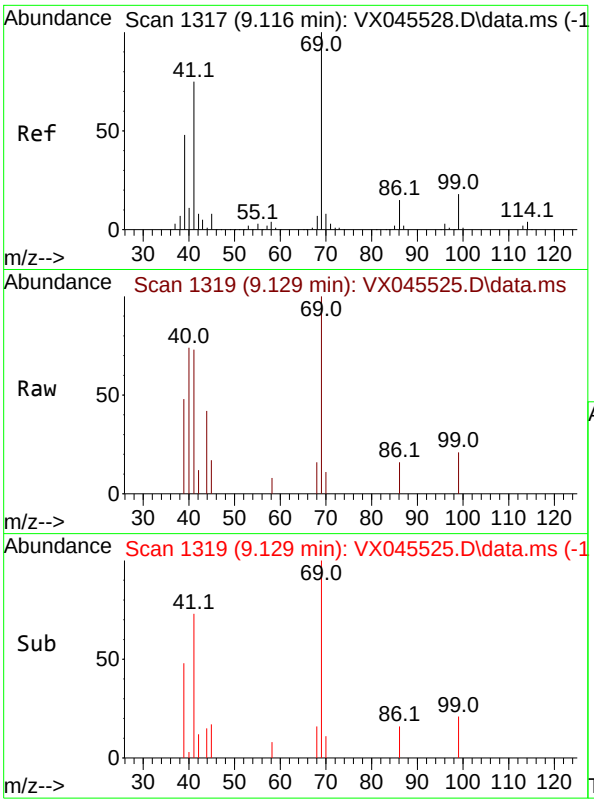


#55
1,1,2-Trichloroethane
Concen: 0.957 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 97 Resp: 1183

Ion	Ratio	Lower	Upper
97	100		
83	53.9	71.8	107.8#
85	48.5	47.0	70.6
99	51.7	48.6	73.0

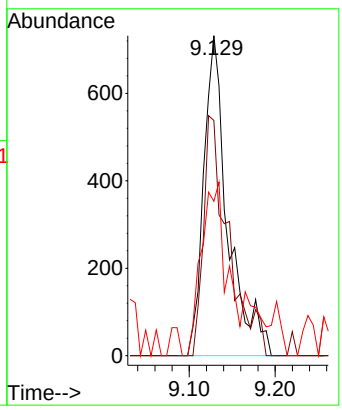




#56
Ethyl methacrylate
Concen: 0.745 ug/l m
RT: 9.129 min Scan# 1
Delta R.T. 0.013 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 69 Resp: 142

Ion	Ratio	Lower	Upper
69	100		
41	77.3	61.3	91.9
39	56.9	40.2	60.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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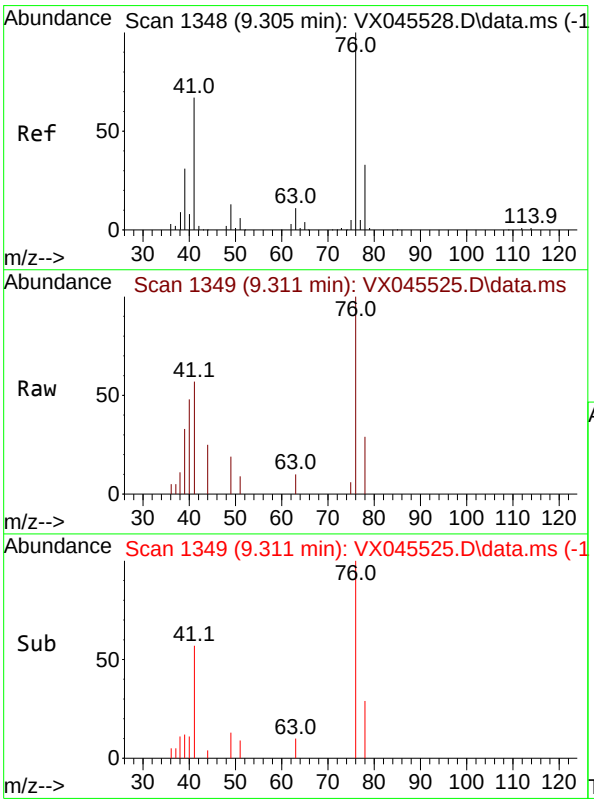
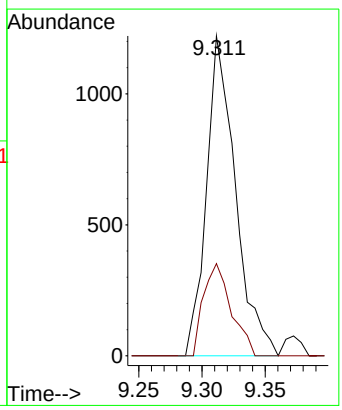
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

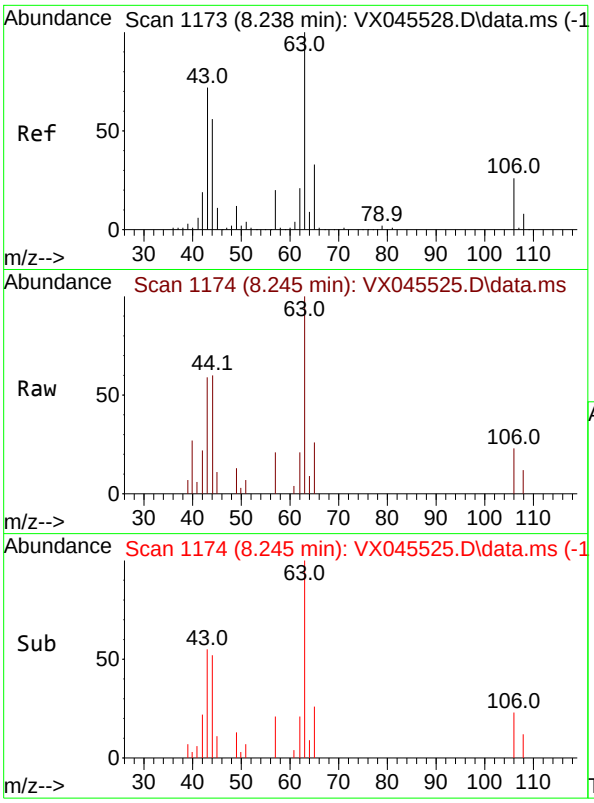


#57
1,3-Dichloropropane
Concen: 0.904 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 76 Resp: 1946

Ion	Ratio	Lower	Upper
76	100		
78	27.5	26.0	39.0

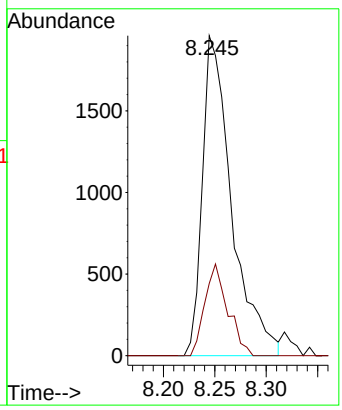




#58
2-Chloroethyl Vinyl ether
Concen: 4.008 ug/l
RT: 8.245 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 63 Resp: 388

Ion	Ratio	Lower	Upper
63	100		
106	22.6	21.0	31.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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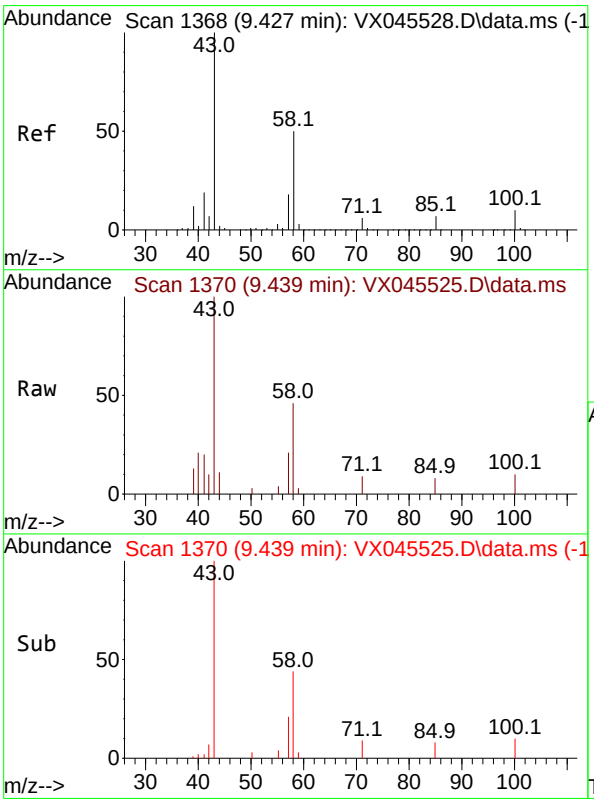
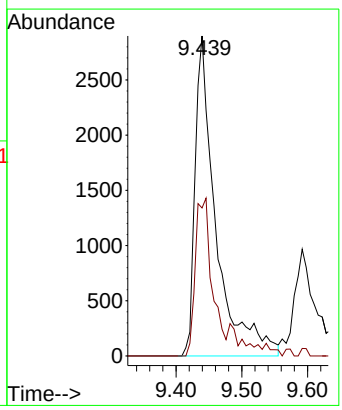
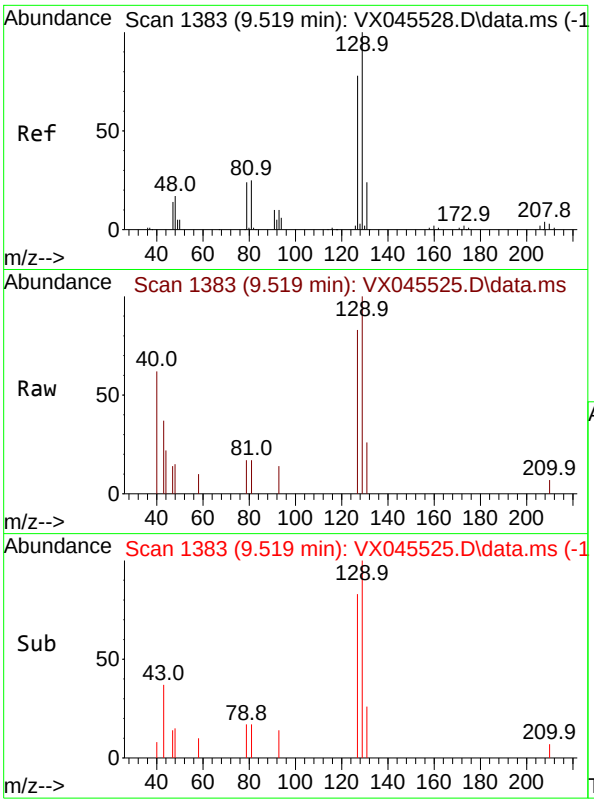


#59
2-Hexanone
Concen: 4.040 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 6360

Ion	Ratio	Lower	Upper
43	100		
58	39.5	24.9	74.6

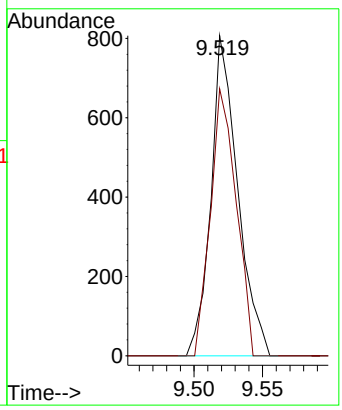




#60
Dibromochloromethane
Concen: 0.814 ug/l
RT: 9.519 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:129 Resp: 109

Ion	Ratio	Lower	Upper
129	100		
127	80.0	39.4	118.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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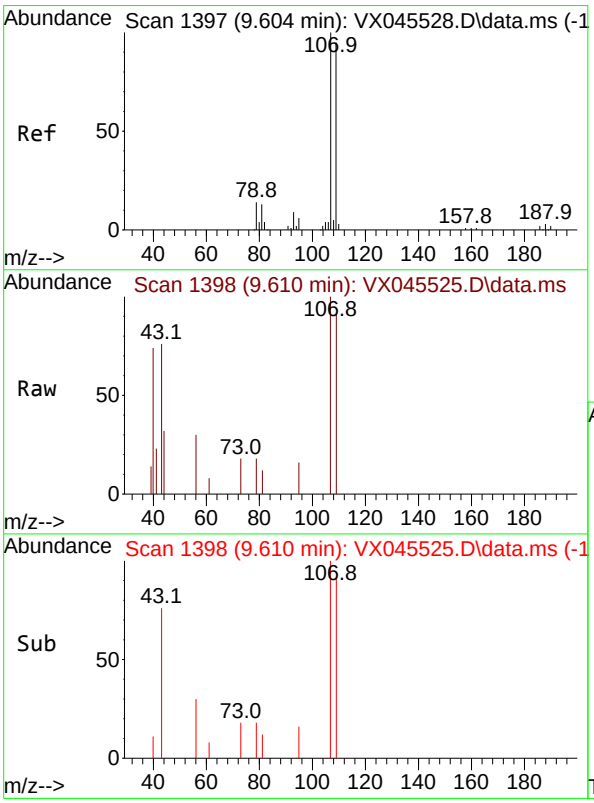
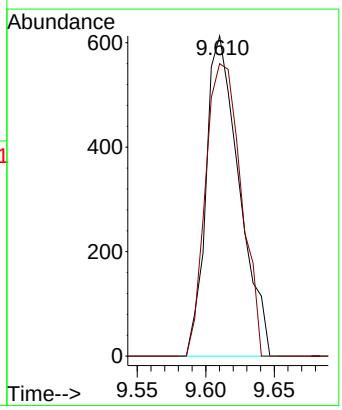
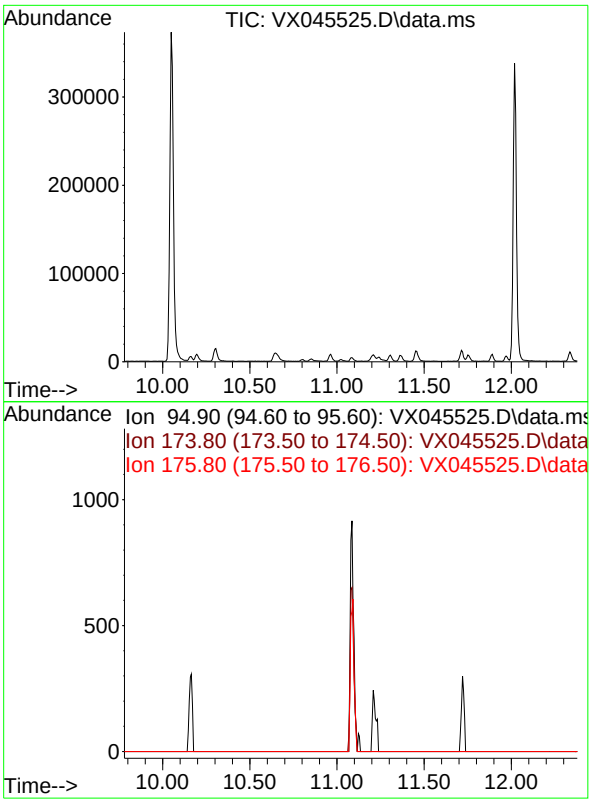


#61
1,2-Dibromoethane
Concen: 0.825 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:107 Resp: 1032

Ion	Ratio	Lower	Upper
107	100		
109	98.1	75.7	113.5





#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 11.08 min

Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	67.9
176	65.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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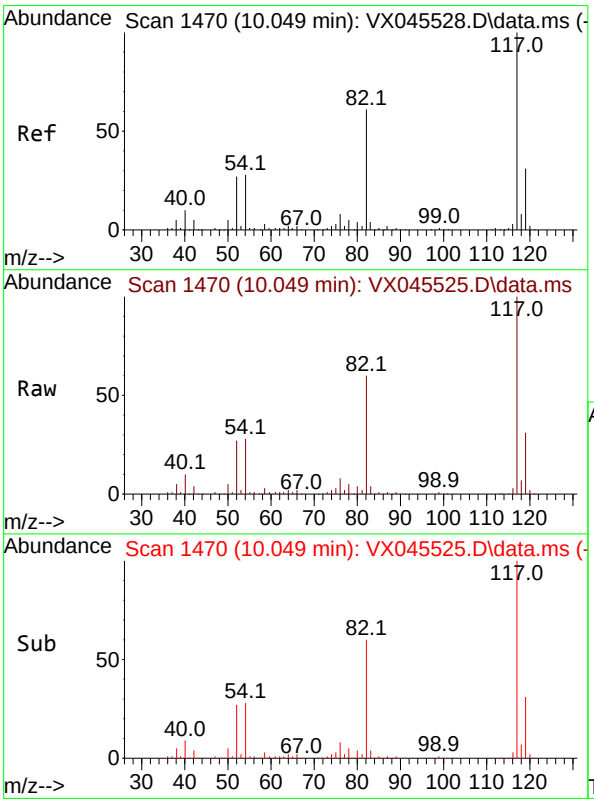
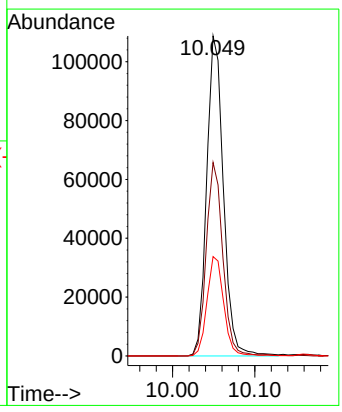
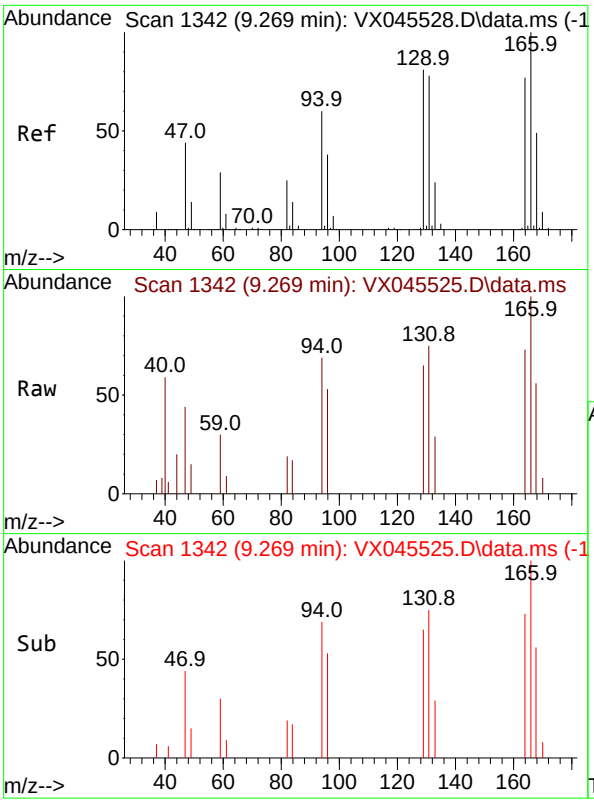


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:117 Resp: 153312

Ion	Ratio	Lower	Upper
117	100		
82	60.5	49.2	73.8
119	31.0	25.1	37.7

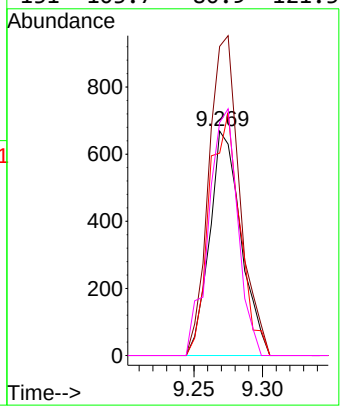




#64
Tetrachloroethene
Concen: 0.981 ug/l
RT: 9.269 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:164 Resp: 106

Ion	Ratio	Lower	Upper
164	100		
166	137.7	103.8	155.8
129	90.1	84.3	126.5
131	103.7	80.9	121.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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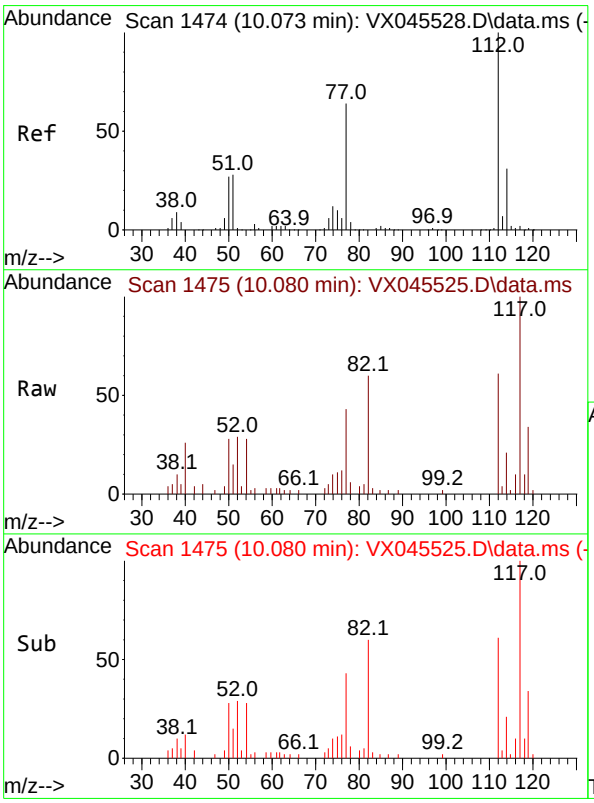
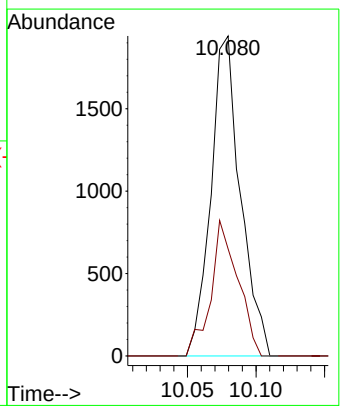
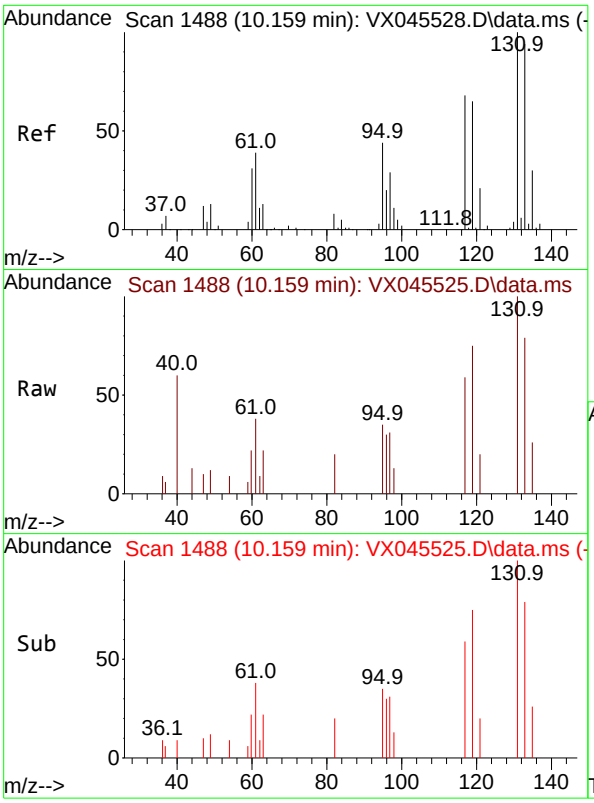


#65
Chlorobenzene
Concen: 0.890 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:112 Resp: 2916

Ion	Ratio	Lower	Upper
112	100		
114	33.5	24.7	37.1

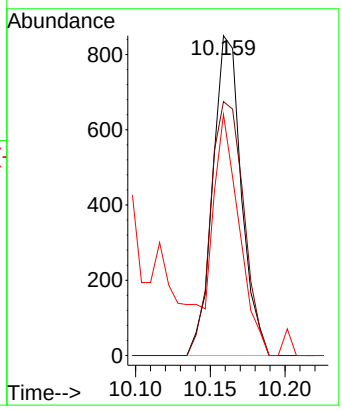




#66
1,1,1,2-Tetrachloroethane
Concen: 0.992 ug/l
RT: 10.159 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:131 Resp: 112

Ion	Ratio	Lower	Upper
131	100		
133	91.6	47.5	142.5
119	0.0	32.9	98.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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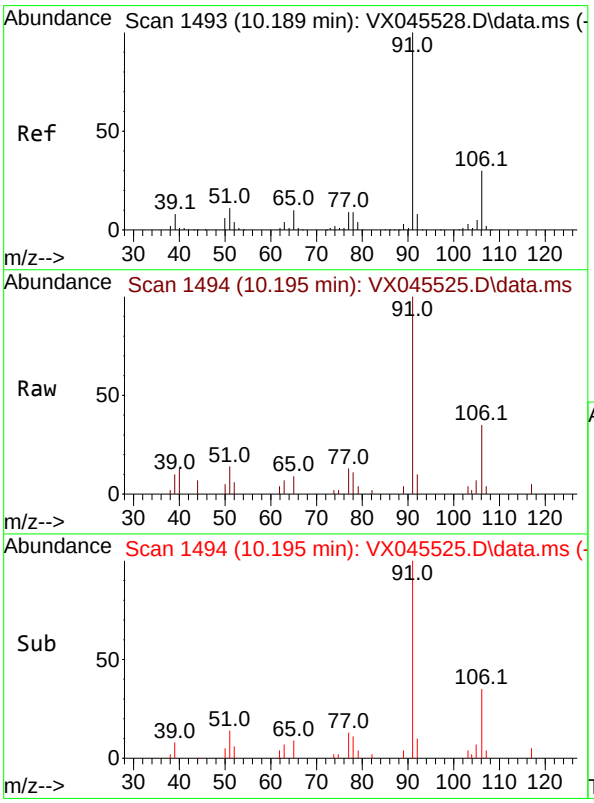
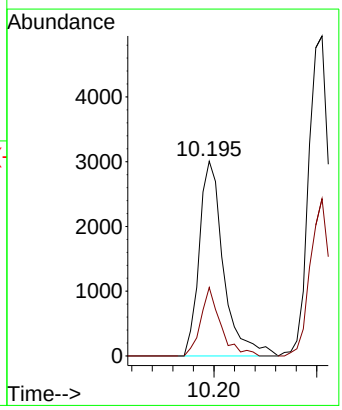
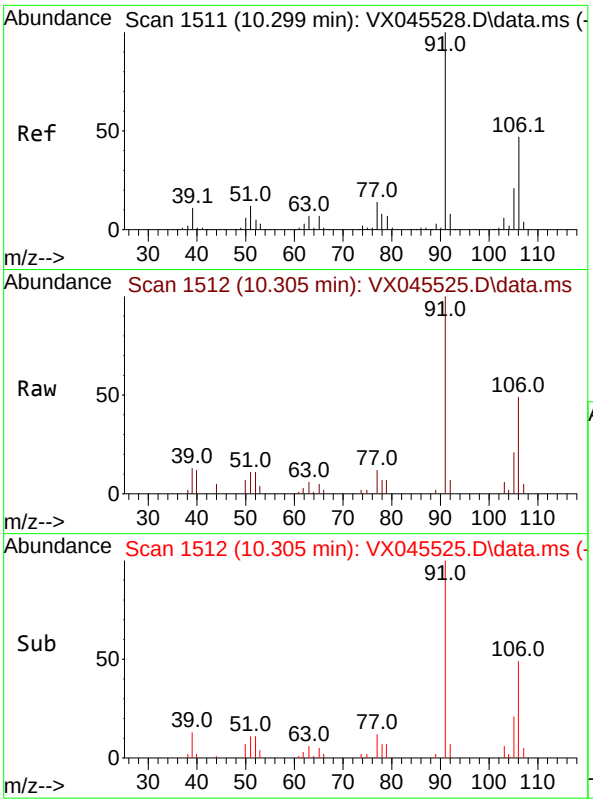


#67
Ethyl Benzene
Concen: 0.840 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 91 Resp: 4930

Ion	Ratio	Lower	Upper
91	100		
106	35.2	23.7	35.5

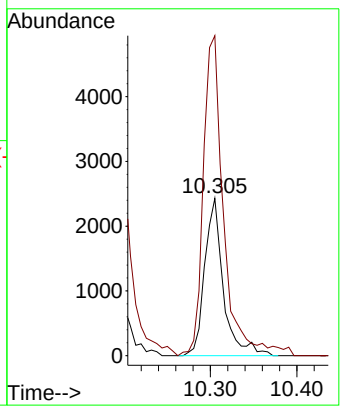




#68
m/p-Xylenes
Concen: 1.708 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:106 Resp: 364

Ion	Ratio	Lower	Upper
106	100		
91	221.2	172.6	258.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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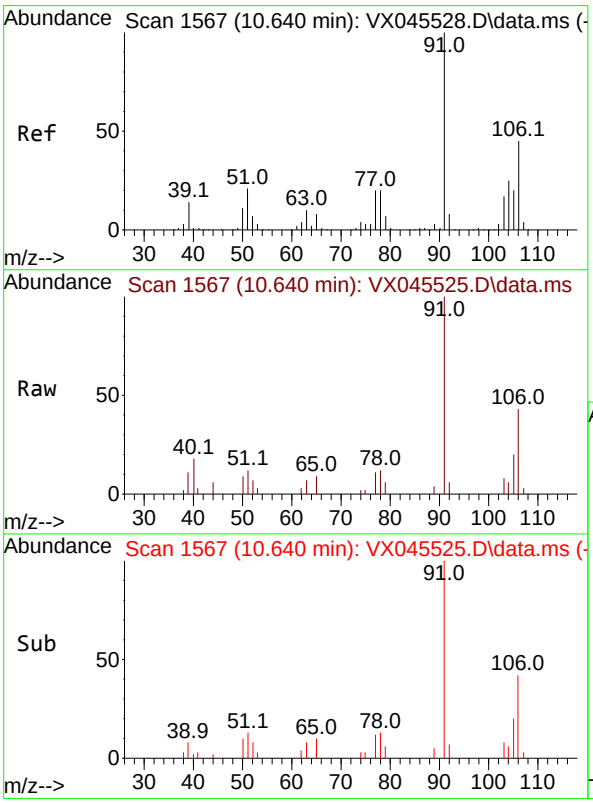
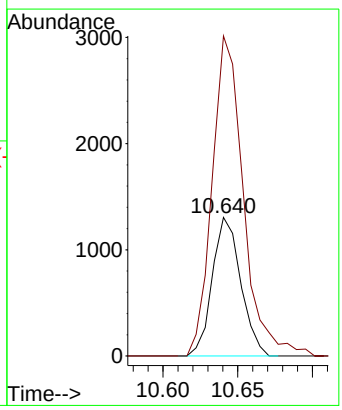
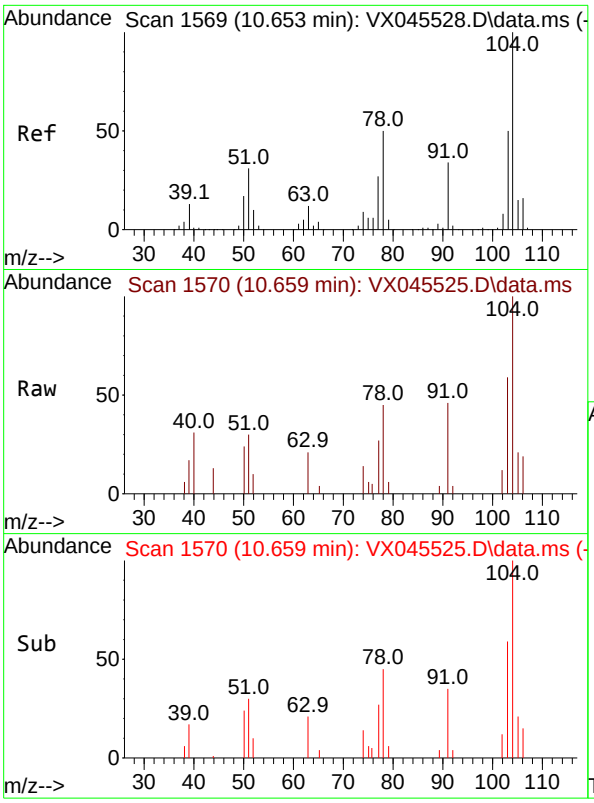


#69
o-Xylene
Concen: 0.820 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:106 Resp: 1724

Ion	Ratio	Lower	Upper
106	100		
91	254.4	113.6	340.6

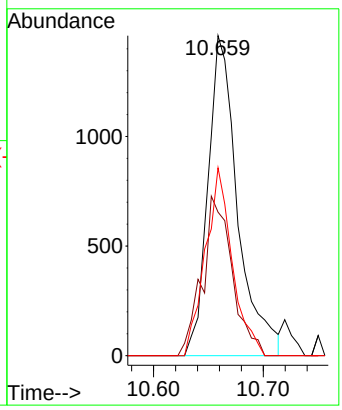




#70
Styrene
Concen: 0.793 ug/l
RT: 10.659 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:104 Resp: 275

Ion	Ratio	Lower	Upper
104	100		
78	50.1	45.4	68.2
103	53.2	43.8	65.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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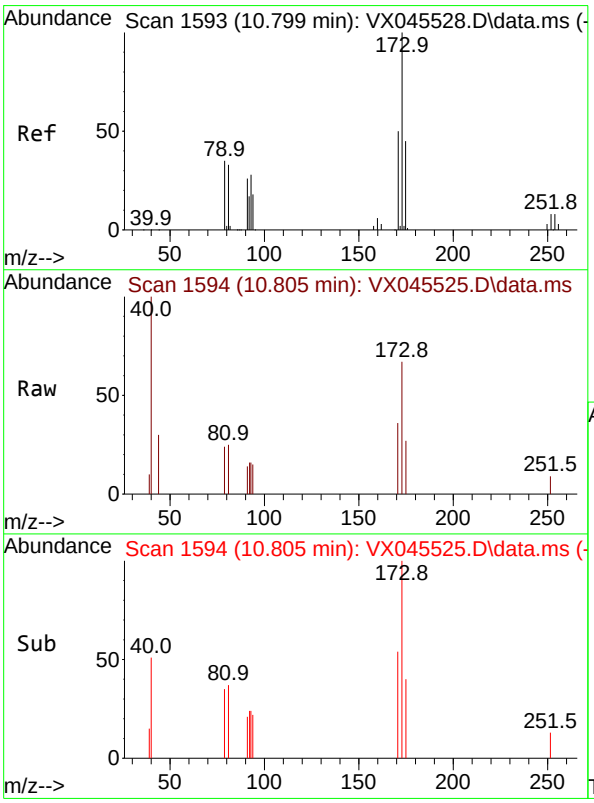
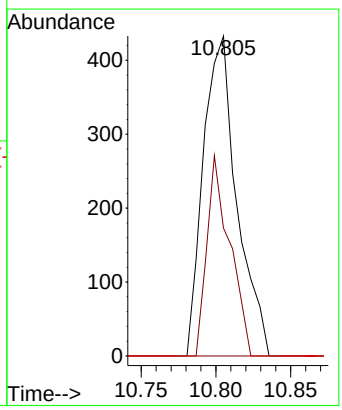
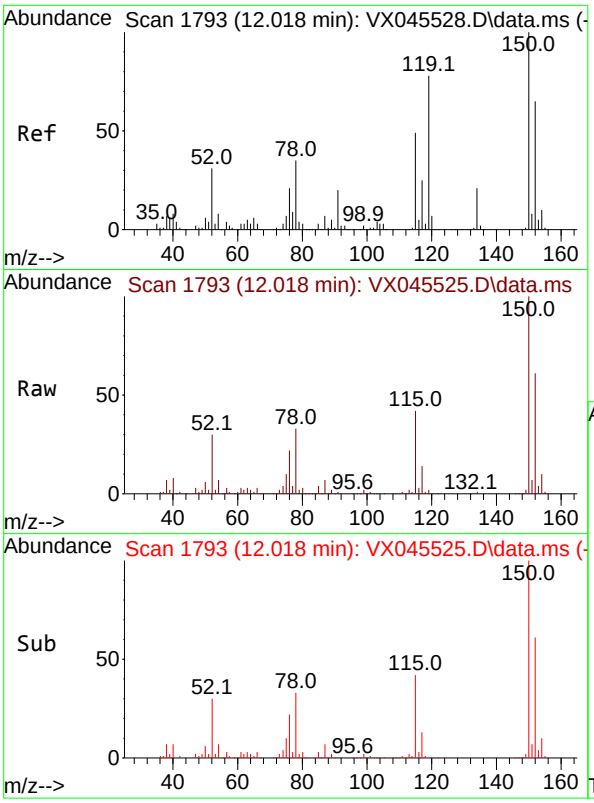


#71
Bromoform
Concen: 0.795 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:173 Resp: 675

Ion	Ratio	Lower	Upper
173	100		
175	42.7	23.4	70.2
254	0.0	0.0	0.0

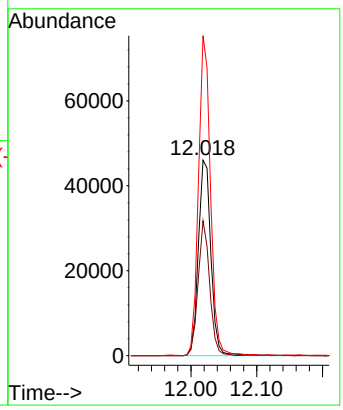




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:152 Resp: 6111

Ion	Ratio	Lower	Upper
152	100		
115	63.5	46.9	140.7
150	155.9	0.0	349.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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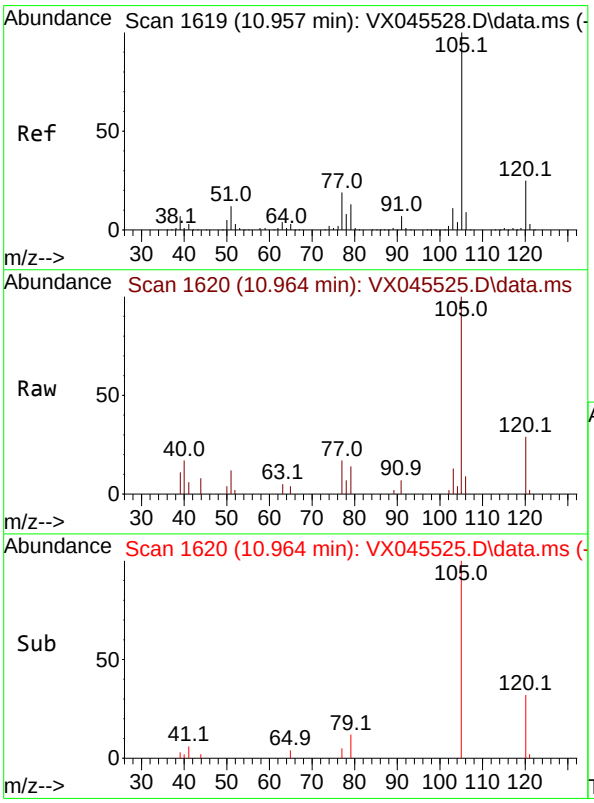
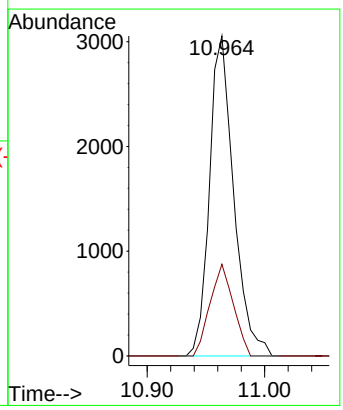
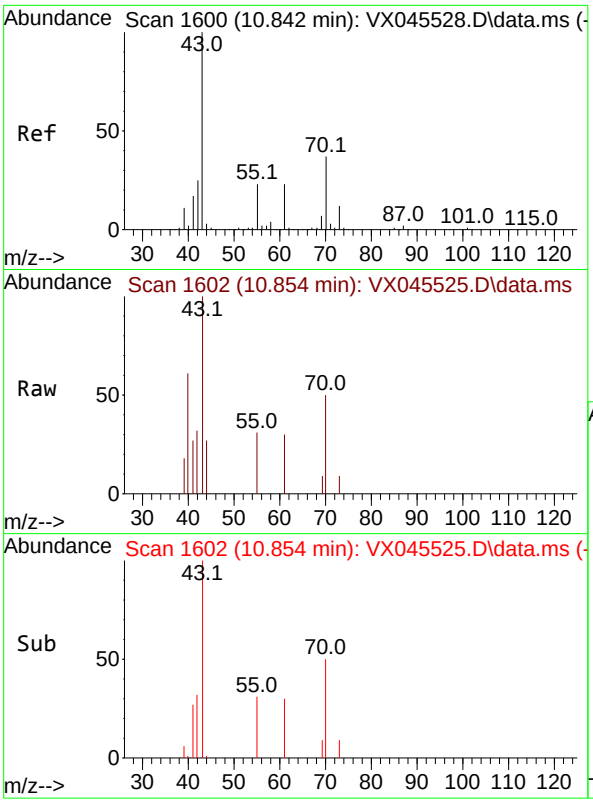


#73
Isopropylbenzene
Concen: 0.894 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:105 Resp: 4377

Ion	Ratio	Lower	Upper
105	100		
120	27.6	12.7	38.0

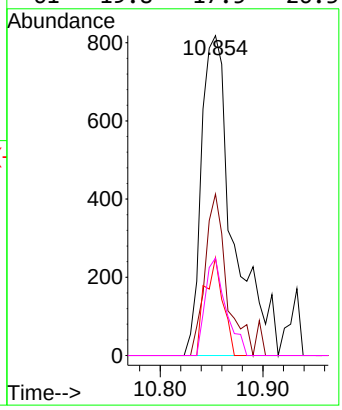




#74
N-amyl acetate
Concen: 0.752 ug/l
RT: 10.854 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 43 Resp: 176

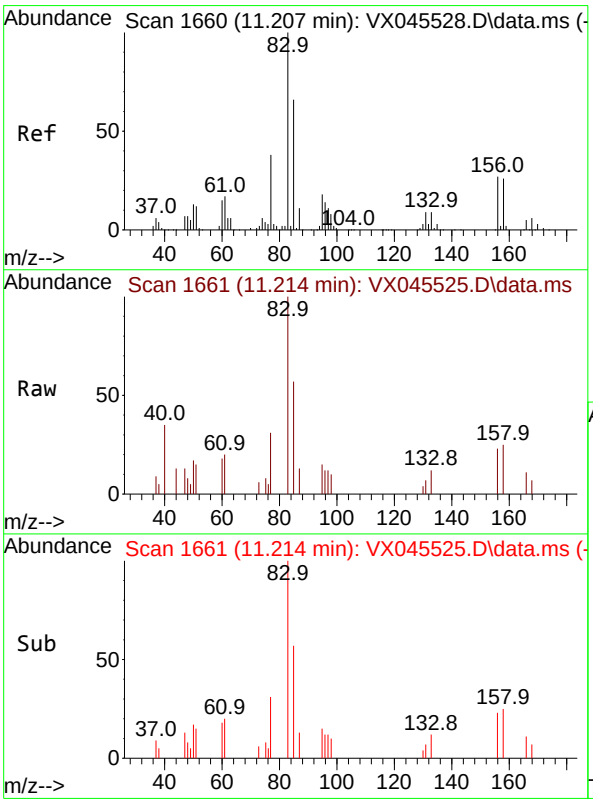
Ion	Ratio	Lower	Upper
43	100		
70	34.4	30.1	45.1
55	17.3	18.3	27.5
61	19.8	17.5	26.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

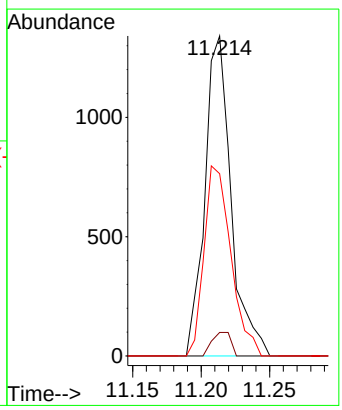
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

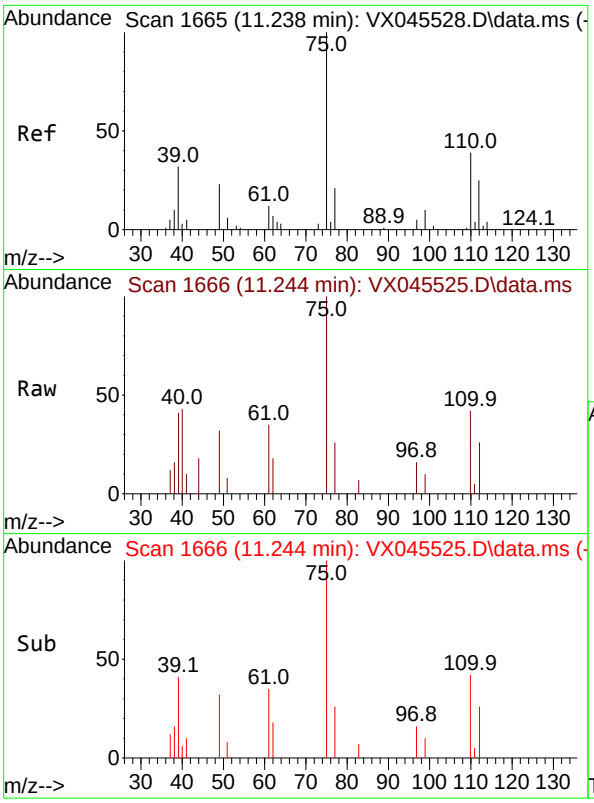


#75
1,1,2,2-Tetrachloroethane
Concen: 1.036 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 83 Resp: 1781

Ion	Ratio	Lower	Upper
83	100		
131	5.3	4.7	14.1
85	61.1	32.4	97.2

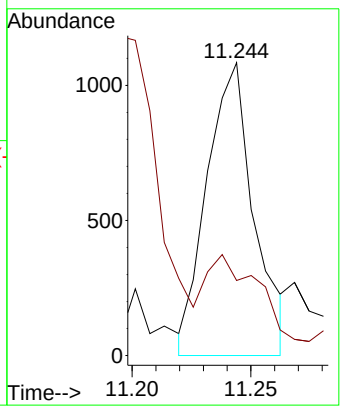




#76
1,2,3-Trichloropropane
Concen: 1.002 ug/l m
RT: 11.244 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 75 Resp: 149

Ion	Ratio	Lower	Upper
75	100		
77	42.1	20.0	59.9



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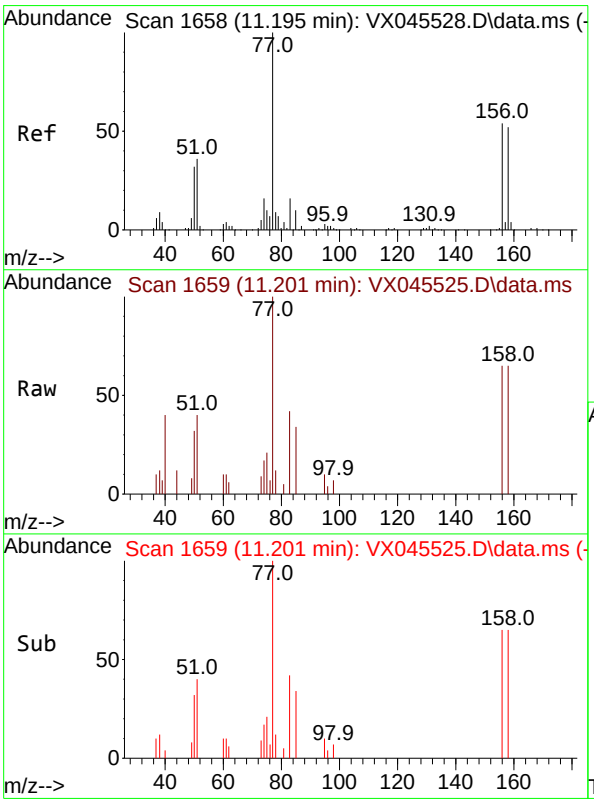
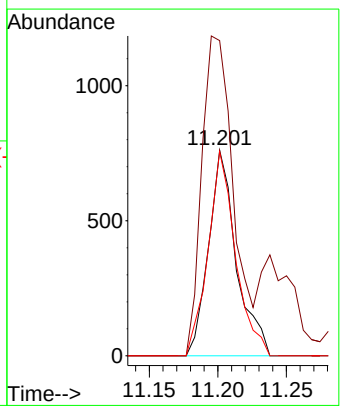
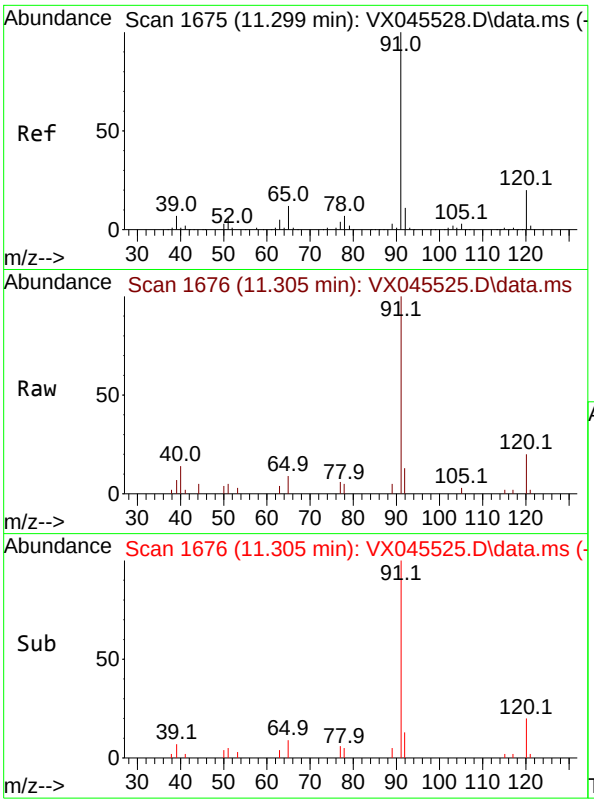


#77
Bromobenzene
Concen: 0.948 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:156 Resp: 1072

Ion	Ratio	Lower	Upper
156	100		
77	176.5	92.6	277.8
158	98.4	48.1	144.4

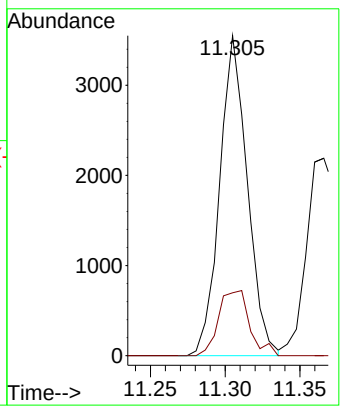




#78
n-propylbenzene
Concen: 0.809 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 91 Resp: 456

Ion	Ratio	Lower	Upper
91	100		
120	22.8	10.8	32.3



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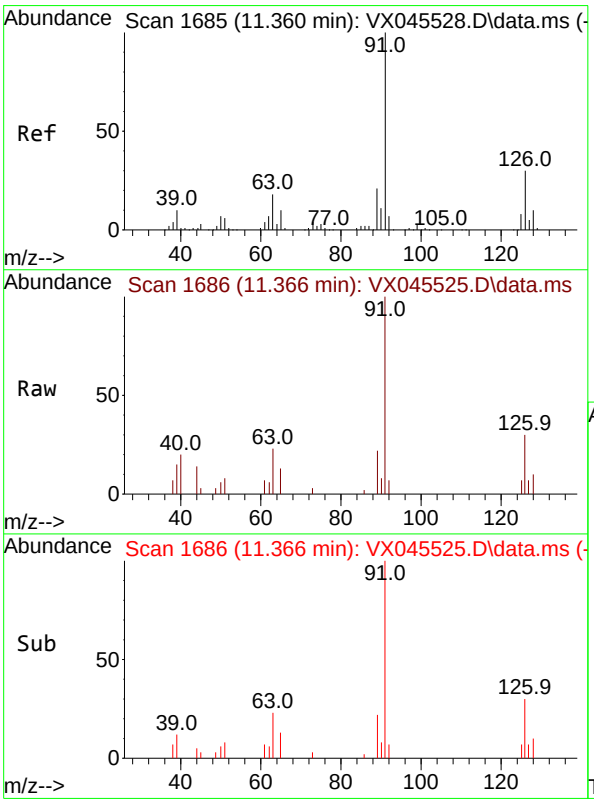
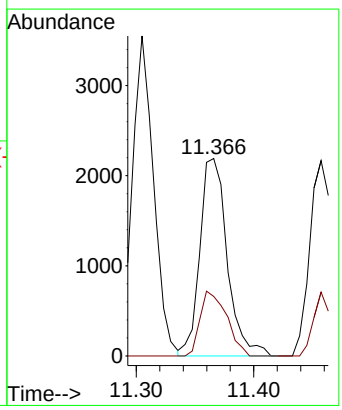
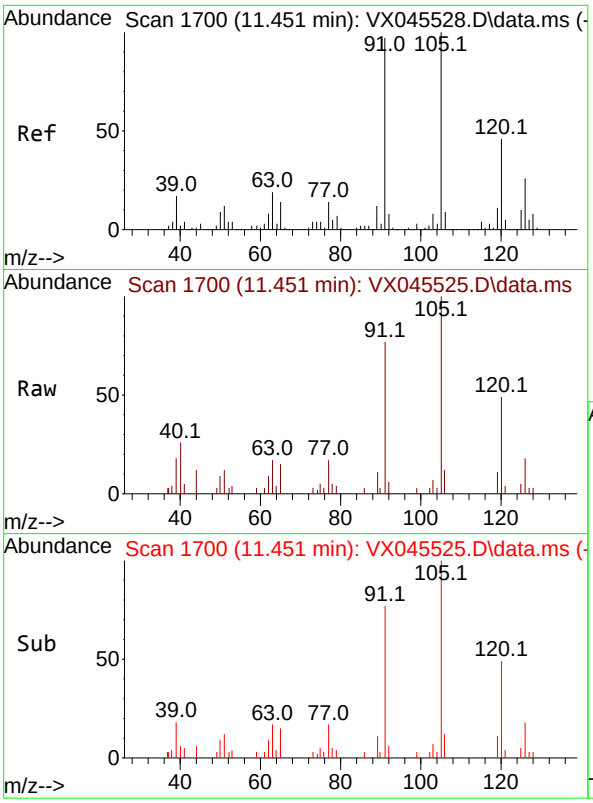


#79
2-Chlorotoluene
Concen: 0.981 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 91 Resp: 3537

Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.8	47.4

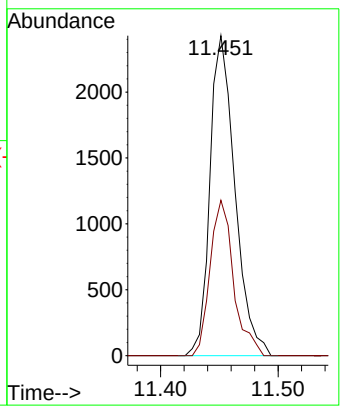




#80
1,3,5-Trimethylbenzene
Concen: 0.885 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:105 Resp: 358

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.0	69.0



Instrument :
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ClientSampleId :
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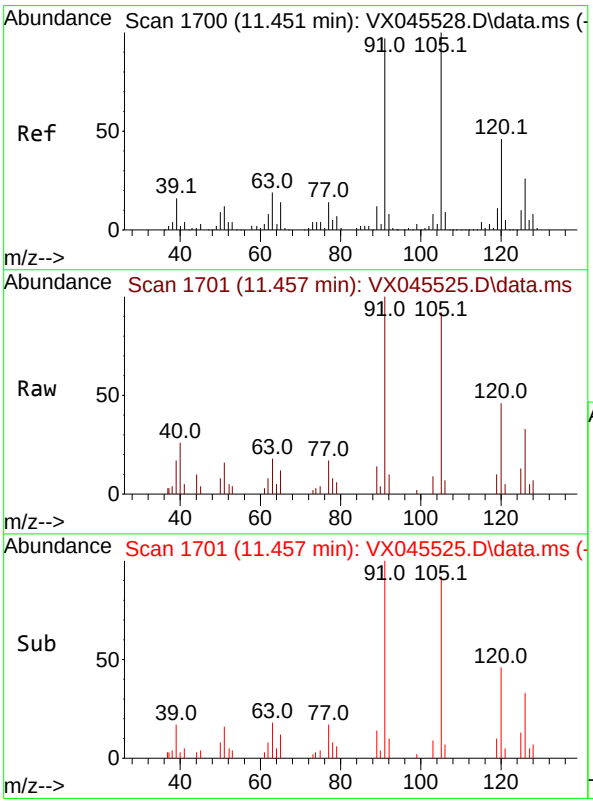
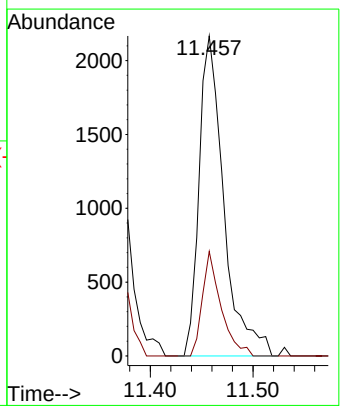
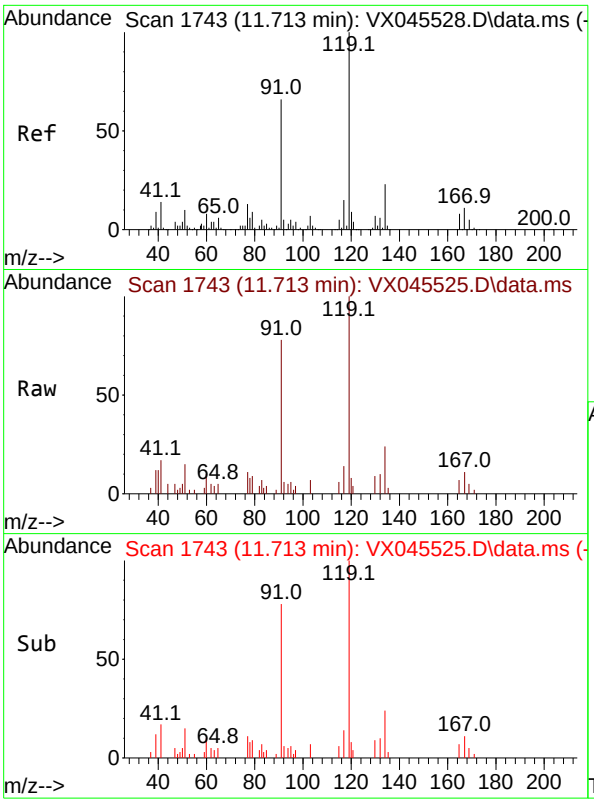


#82
4-Chlorotoluene
Concen: 0.900 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 91 Resp: 3619

Ion	Ratio	Lower	Upper
91	100		
126	24.7	13.3	39.9

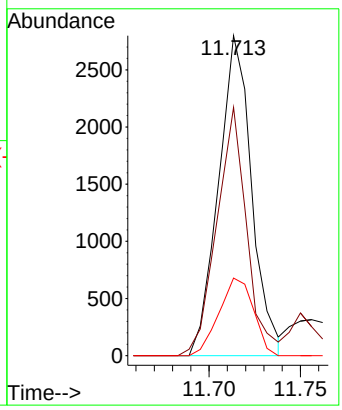




#83
tert-Butylbenzene
Concen: 0.883 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:119 Resp: 353

Ion	Ratio	Lower	Upper
119	100		
91	70.3	32.4	97.2
134	25.2	11.5	34.5



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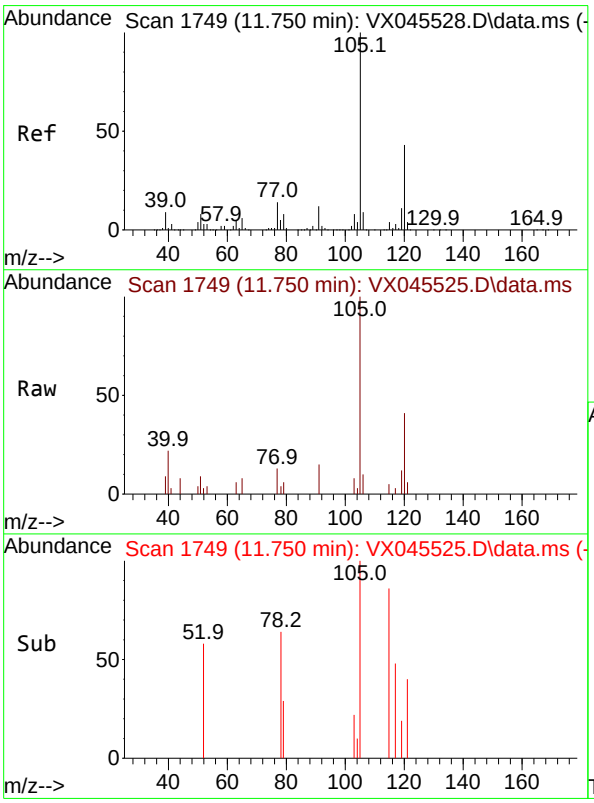
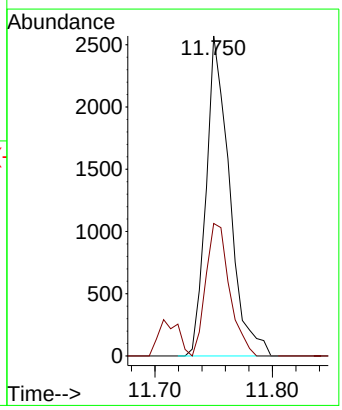
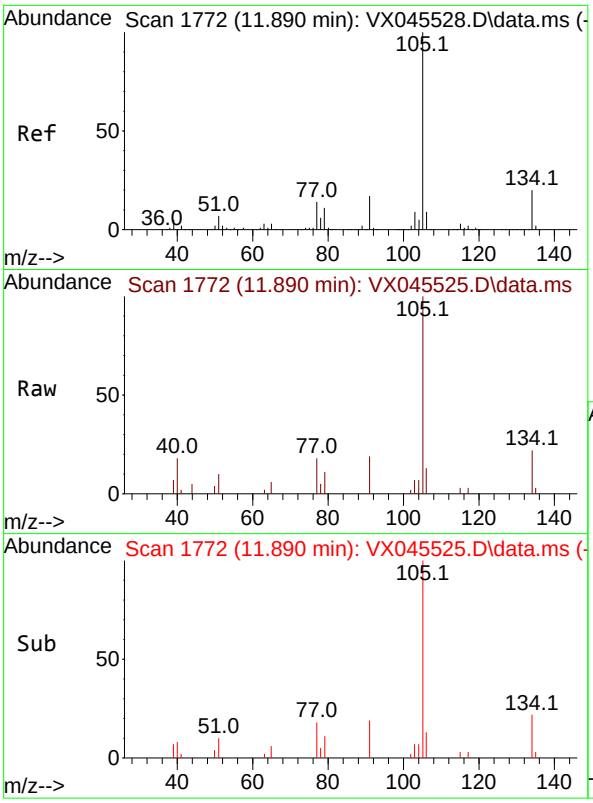


#84
1,2,4-Trimethylbenzene
Concen: 0.874 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:105 Resp: 3552

Ion	Ratio	Lower	Upper
105	100		
120	42.0	21.4	64.3





#85
sec-Butylbenzene
Concen: 0.793 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:105 Resp: 390

Ion	Ratio	Lower	Upper
105	100		
134	18.3	9.6	28.6

Instrument :
MSVOA_X
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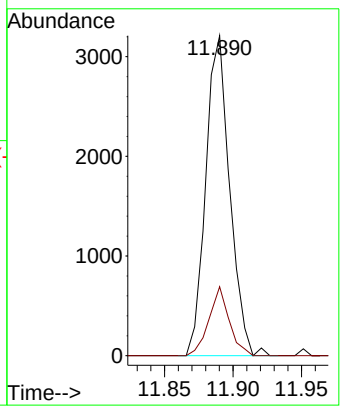
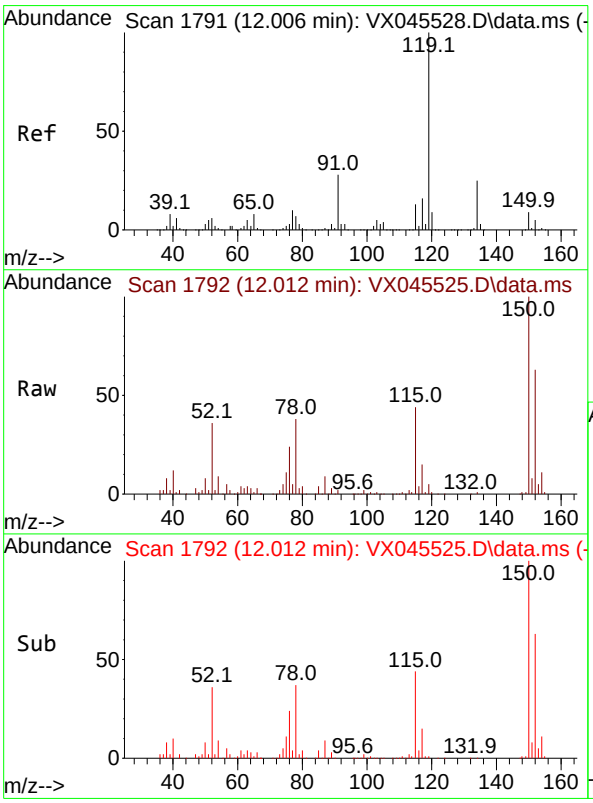
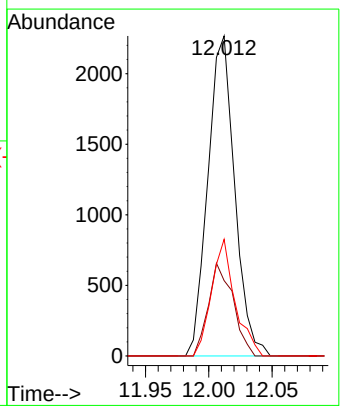


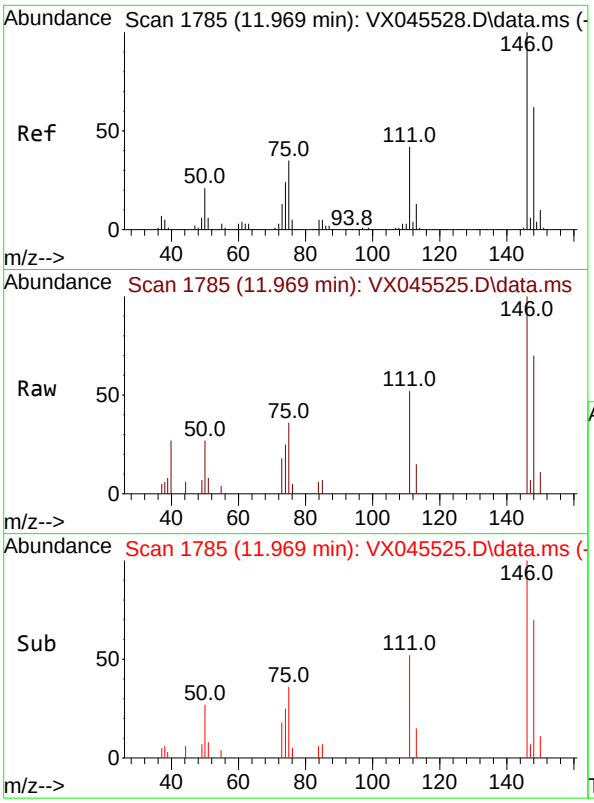


#86
p-Isopropyltoluene
Concen: 0.824 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:119 Resp: 3342

Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.6	37.8
91	31.9	13.7	41.1

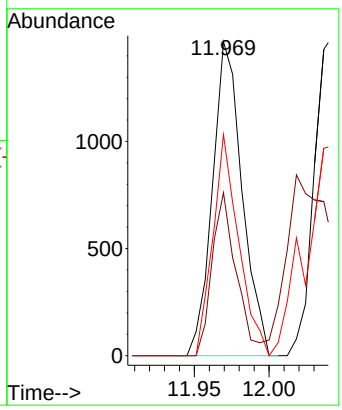




#87
1,3-Dichlorobenzene
Concen: 0.984 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:146 Resp: 202

Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.2	66.6
148	61.2	31.9	95.7



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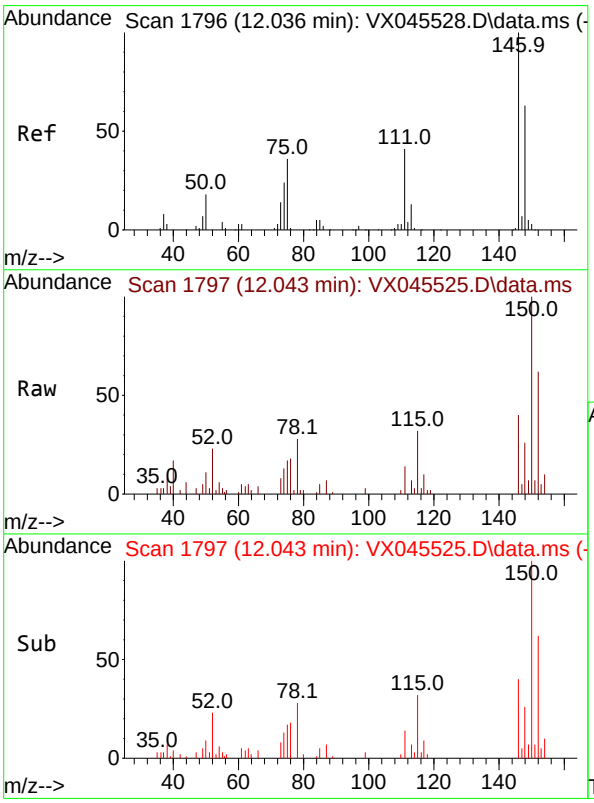
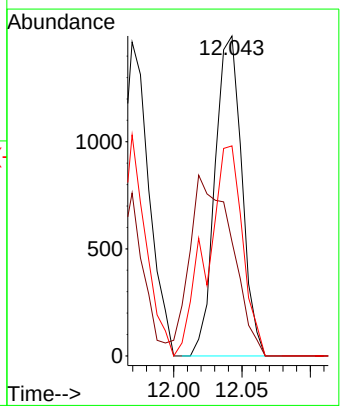
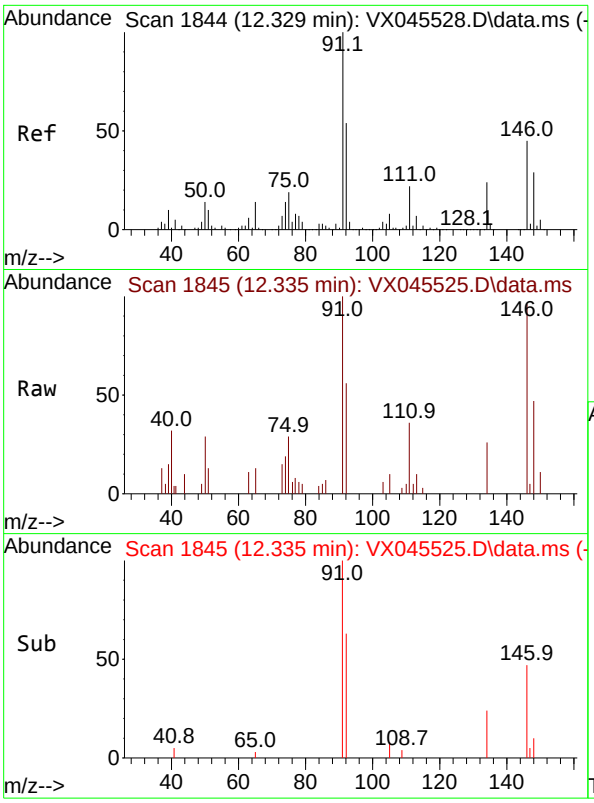


#88
1,4-Dichlorobenzene
Concen: 0.978 ug/l m
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:146 Resp: 2042

Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.8
148	60.7	31.5	94.5

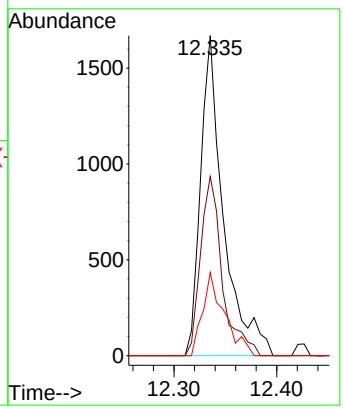




#89
n-Butylbenzene
Concen: 0.735 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 91 Resp: 258

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.6
134	24.8	11.9	35.7



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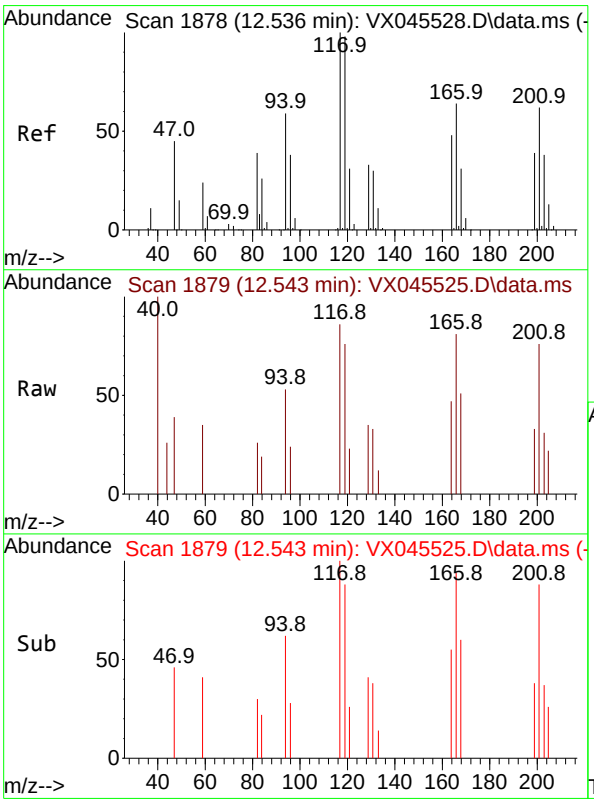
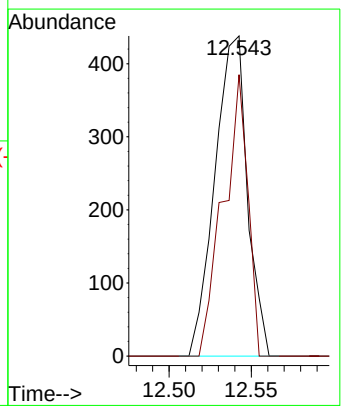
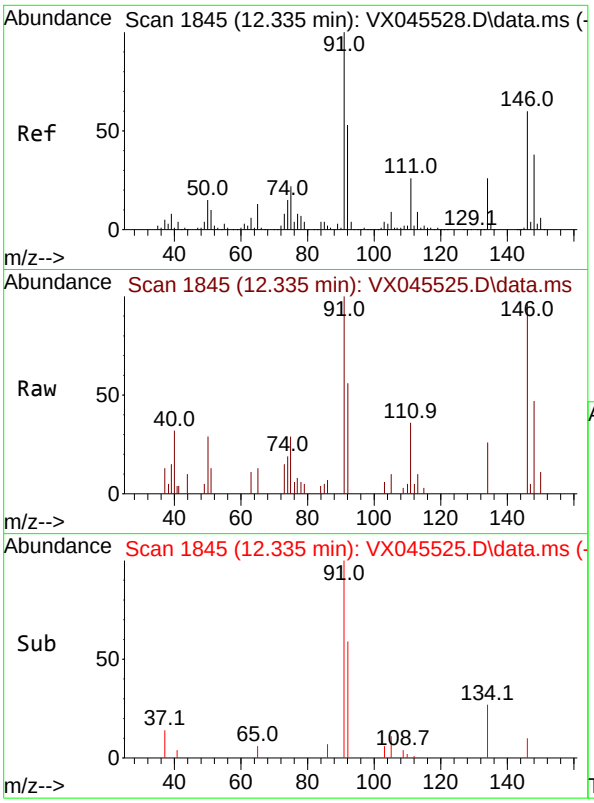


#90
Hexachloroethane
Concen: 0.863 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:117 Resp: 602

Ion	Ratio	Lower	Upper
117	100		
201	66.3	31.2	93.6

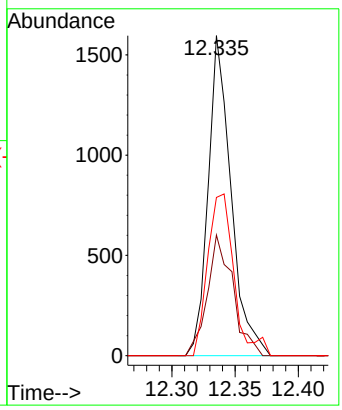




#91
1,2-Dichlorobenzene
Concen: 0.981 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:146 Resp: 200

Ion	Ratio	Lower	Upper
146	100		
111	42.0	22.9	68.8
148	58.2	31.9	95.5



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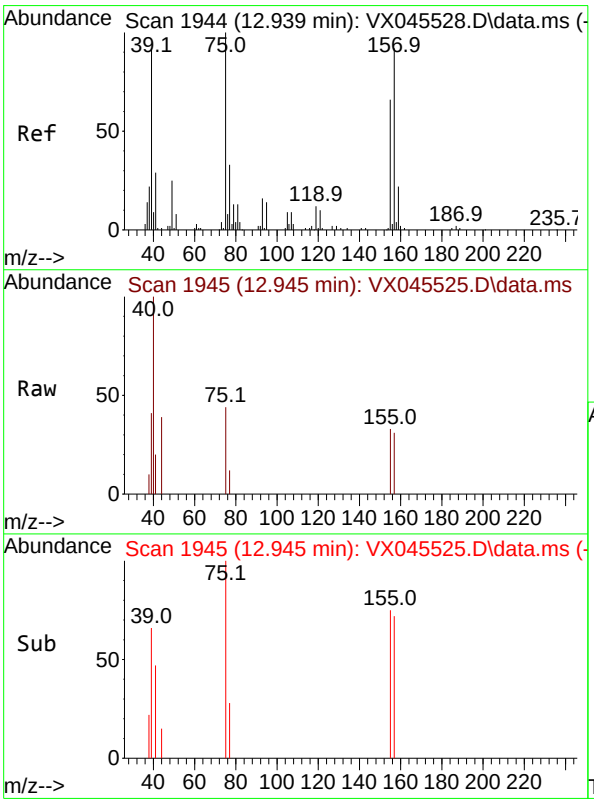
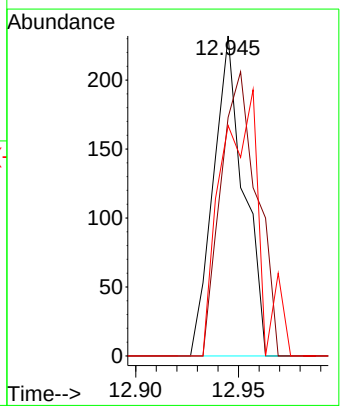
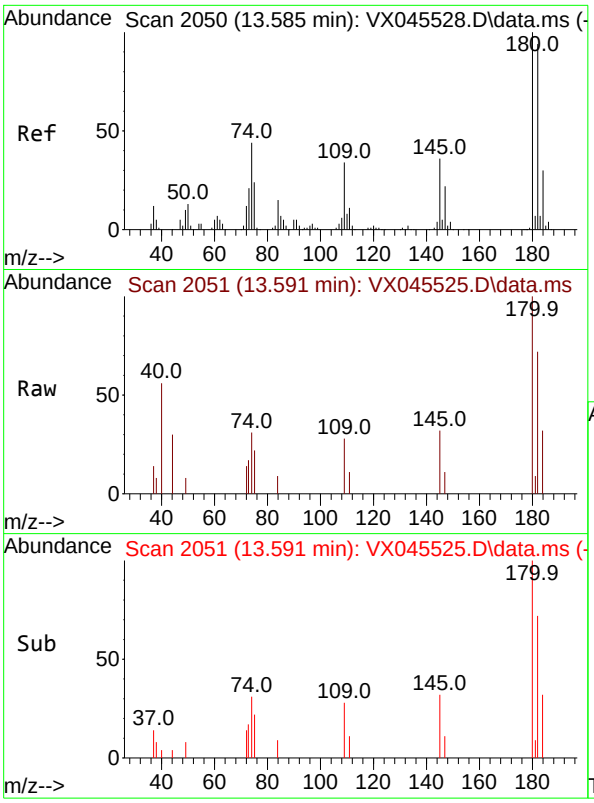


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.665 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion: 75 Resp: 239

Ion	Ratio	Lower	Upper
75	100		
155	105.4	34.9	104.7#
157	103.8	44.9	134.7

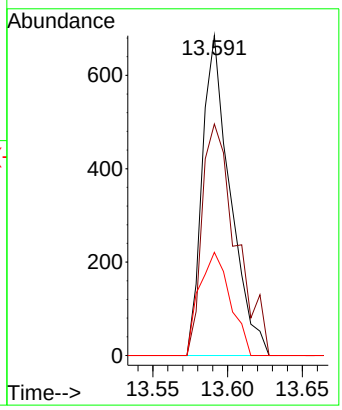




#93
1,2,4-Trichlorobenzene
Concen: 0.779 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:180 Resp: 88

Ion	Ratio	Lower	Upper
180	100		
182	87.6	47.9	143.6
145	35.8	17.9	53.8



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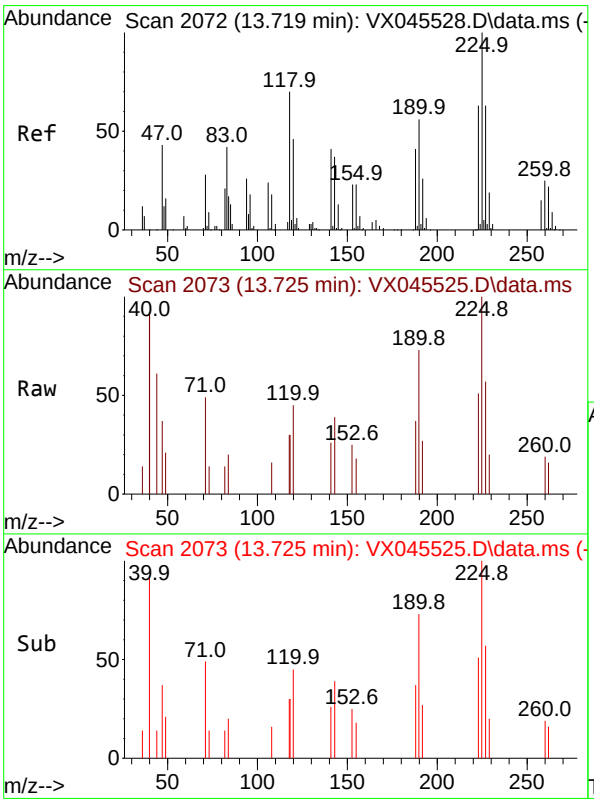
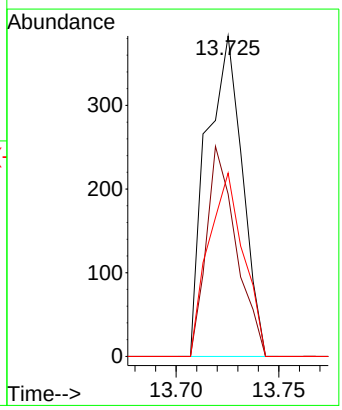
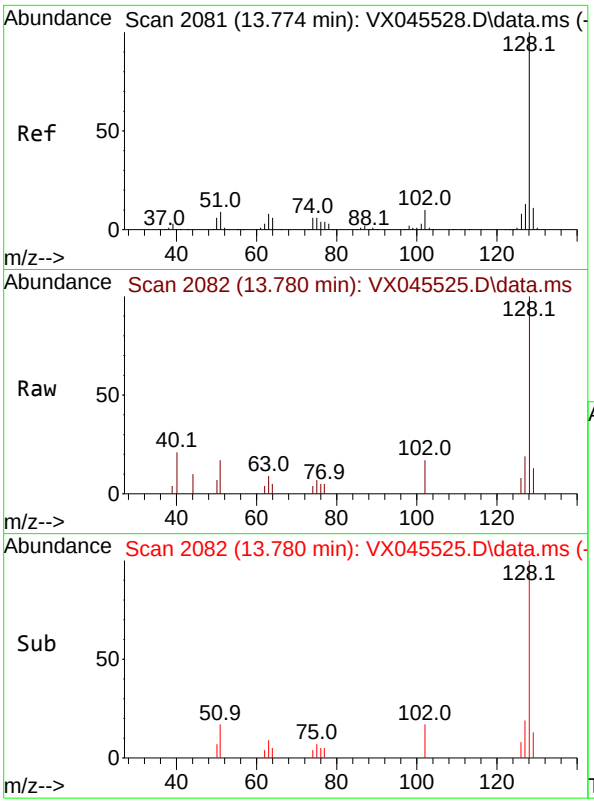


#94
Hexachlorobutadiene
Concen: 0.943 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:225 Resp: 463

Ion	Ratio	Lower	Upper
225	100		
223	54.9	31.1	93.3
227	56.4	32.2	96.6

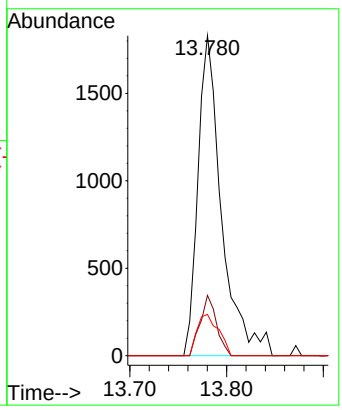




#95
Naphthalene
Concen: 0.733 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:128 Resp: 310

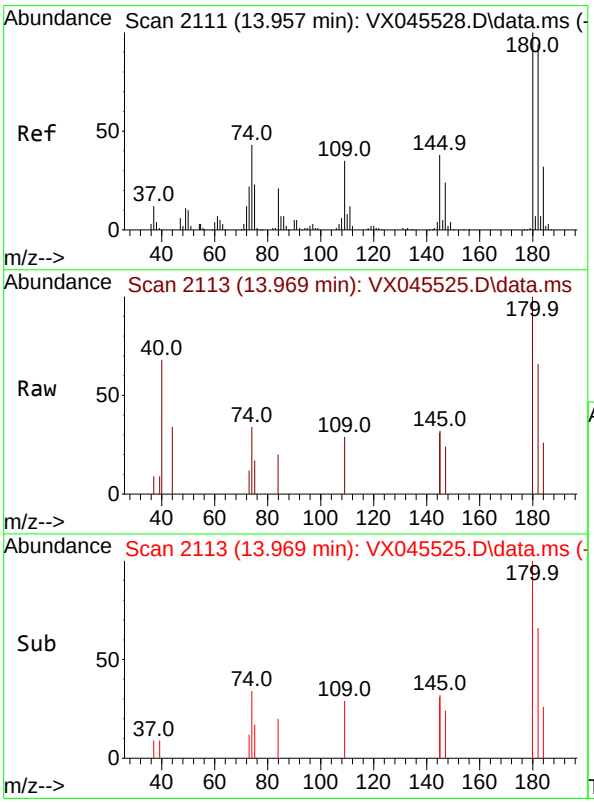
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED

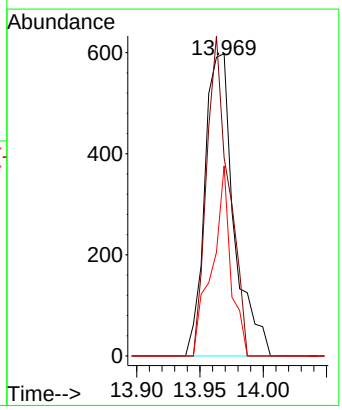
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.801 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.012 min
Lab File: VX045525.D
Acq: 01 Apr 2025 17:06

Tgt Ion:180 Resp: 956

Ion	Ratio	Lower	Upper
180	100		
182	80.5	47.3	141.8
145	40.4	18.2	54.6



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	93234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	8969	5.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.520%#		
35) Dibromofluoromethane	5.391	113	6181	5.244	ug/l	0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.480%#		
50) Toluene-d8	8.647	98	20890	5.077	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.160%#		
62) 4-Bromofluorobenzene	11.079	95	6867	4.582	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.160%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	6482	4.649	ug/l	91
3) Chloromethane	1.307	50	6846	4.779	ug/l	99
4) Vinyl Chloride	1.374	62	6169	4.706	ug/l	100
5) Bromomethane	1.593	94	3185	5.124	ug/l	90
6) Chloroethane	1.666	64	3703	5.324	ug/l	96
7) Trichlorofluoromethane	1.874	101	9316	4.766	ug/l	94
8) Diethyl Ether	2.136	74	3171	4.832	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	5589	4.879	ug/l	99
10) Methyl Iodide	2.447	142	6574	4.601	ug/l	97
11) Tert butyl alcohol	2.983	59	5186	22.633	ug/l	99
12) 1,1-Dichloroethene	2.313	96	5485	4.901	ug/l	90
13) Acrolein	2.239	56	8202	25.993	ug/l	97
14) Allyl chloride	2.654	41	9960	4.690	ug/l	95
15) Acrylonitrile	3.069	53	17811	24.624	ug/l	97
16) Acetone	2.386	43	17188	24.550	ug/l	99
17) Carbon Disulfide	2.502	76	12376	4.477	ug/l #	93
18) Methyl Acetate	2.703	43	8042	4.989	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	18314	4.677	ug/l	100
20) Methylene Chloride	2.782	84	6481	4.945	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	5534	4.840	ug/l	95
22) Diisopropyl ether	3.764	45	19765	4.725	ug/l #	82
23) Vinyl Acetate	3.721	43	78907	21.831	ug/l	98
24) 1,1-Dichloroethane	3.605	63	11562	4.887	ug/l	98
25) 2-Butanone	4.574	43	25026	24.419	ug/l	99
26) 2,2-Dichloropropane	4.477	77	7054	4.615	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6485	4.655	ug/l	95
28) Bromochloromethane	4.898	49	5666	4.956	ug/l	95
29) Tetrahydrofuran	5.013	42	15913	23.950	ug/l	100
30) Chloroform	5.087	83	12200	5.012	ug/l	99
31) Cyclohexane	5.465	56	9731	4.653	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	9811	4.763	ug/l	99
36) 1,1-Dichloropropene	5.690	75	7354	4.621	ug/l	98
37) Ethyl Acetate	4.721	43	9384	4.679	ug/l #	91
38) Carbon Tetrachloride	5.666	117	8264	4.804	ug/l	99
39) Methylcyclohexane	7.379	83	8757	4.489	ug/l	95
40) Benzene	6.038	78	23522	4.839	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	4.922	41	4593	4.302 ug/l		92
42) 1,2-Dichloroethane	6.092	62	9713	4.838 ug/l		100
43) Isopropyl Acetate	6.348	43	13803	4.541 ug/l		97
44) Trichloroethene	7.129	130	5355	4.635 ug/l		99
45) 1,2-Dichloropropane	7.434	63	6060	4.997 ug/l		99
46) Dibromomethane	7.580	93	4767	5.120 ug/l		99
47) Bromodichloromethane	7.818	83	8619	4.636 ug/l	#	97
48) Methyl methacrylate	7.696	41	6908	4.401 ug/l		98
49) 1,4-Dioxane	7.665	88	3205	112.864 ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	48050	23.844 ug/l		97
52) Toluene	8.714	92	14391	4.893 ug/l		100
53) t-1,3-Dichloropropene	8.982	75	6643	5.834 ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	7873	4.506 ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	5741	4.898 ug/l		90
56) Ethyl methacrylate	9.116	69	8012	4.417 ug/l		95
57) 1,3-Dichloropropane	9.305	76	10208	5.002 ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	21382	23.302 ug/l		99
59) 2-Hexanone	9.433	43	35628	23.875 ug/l		99
60) Dibromochloromethane	9.519	129	5855	4.582 ug/l		99
61) 1,2-Dibromoethane	9.610	107	5837	4.920 ug/l		98
64) Tetrachloroethene	9.275	164	5373	5.287 ug/l		93
65) Chlorobenzene	10.073	112	15178	4.935 ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	4945	4.631 ug/l		97
67) Ethyl Benzene	10.195	91	26180	4.753 ug/l		97
68) m/p-Xylenes	10.299	106	19268	9.617 ug/l		99
69) o-Xylene	10.640	106	9735	4.932 ug/l		99
70) Styrene	10.653	104	15017	4.610 ug/l		96
71) Bromoform	10.799	173	3634	4.558 ug/l	#	95
73) Isopropylbenzene	10.964	105	24604	4.806 ug/l		100
74) N-amyl acetate	10.848	43	10750	4.390 ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	9127	5.075 ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	8032m	5.152 ug/l		
77) Bromobenzene	11.195	156	5927	5.011 ug/l		97
78) n-propylbenzene	11.305	91	27777	4.711 ug/l		98
79) 2-Chlorotoluene	11.360	91	18358	4.870 ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	19936	4.710 ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	1752	3.814 ug/l		85
82) 4-Chlorotoluene	11.457	91	20171	4.799 ug/l		99
83) tert-Butylbenzene	11.713	119	19962	4.763 ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	19998	4.707 ug/l		99
85) sec-Butylbenzene	11.890	105	24465	4.753 ug/l		100
86) p-Isopropyltoluene	12.006	119	20178	4.755 ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	10255	4.763 ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	11016	5.047 ug/l		93
89) n-Butylbenzene	12.329	91	15887	4.317 ug/l		98
90) Hexachloroethane	12.536	117	3151	4.320 ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	10510	4.910 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1661	4.417 ug/l		92
93) 1,2,4-Trichlorobenzene	13.591	180	5391	4.524 ug/l		95
94) Hexachlorobutadiene	13.719	225	2483	4.836 ug/l		98
95) Naphthalene	13.774	128	19618	4.424 ug/l		97
96) 1,2,3-Trichlorobenzene	13.957	180	5854	4.692 ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

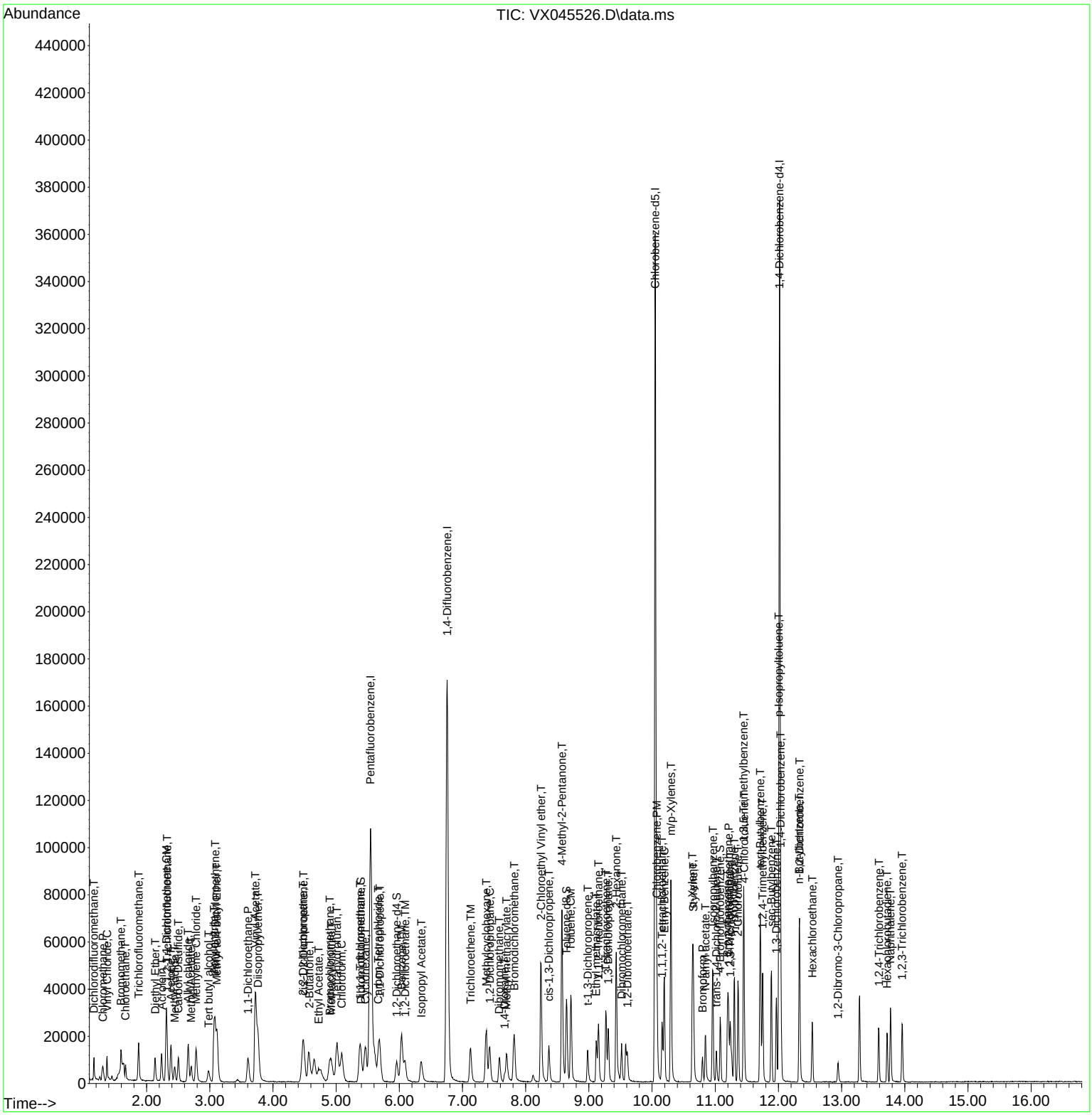
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045526.D
Acq On : 01 Apr 2025 17:29
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

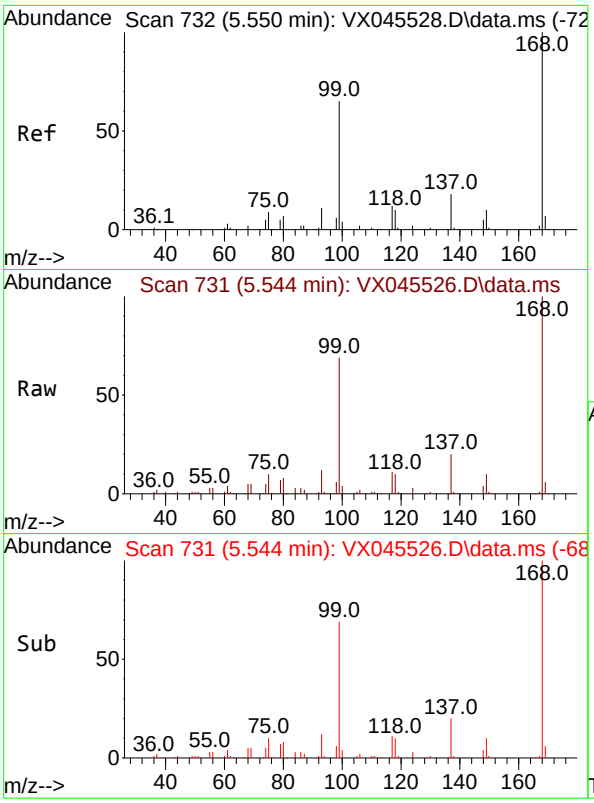
Quant Time: Apr 02 02:51:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

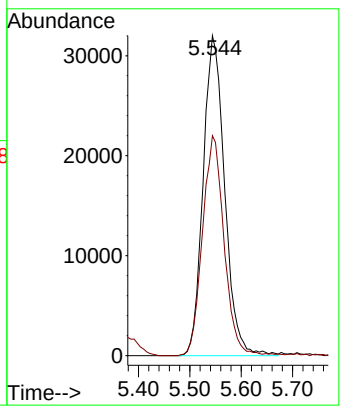




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:168 Resp: 9323

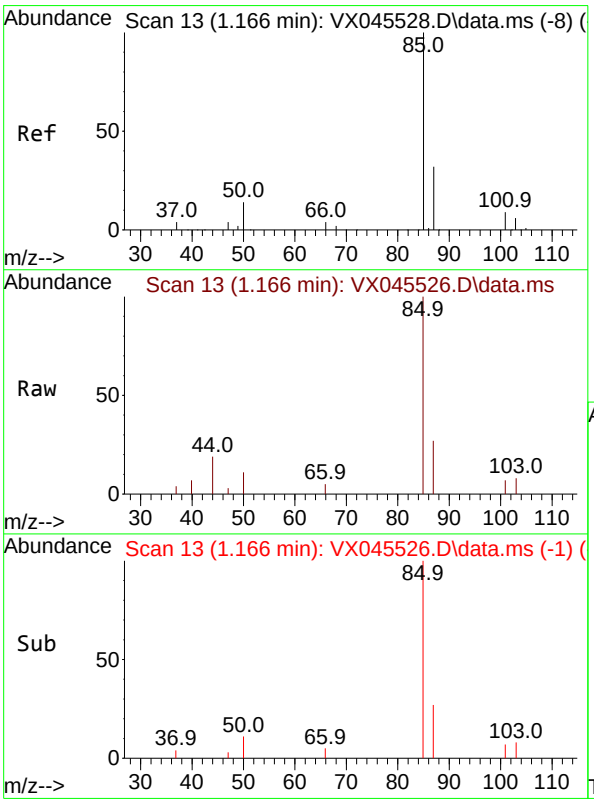
Ion	Ratio	Lower	Upper
168	100		
99	68.8	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

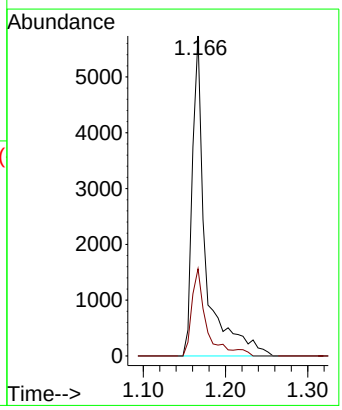
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

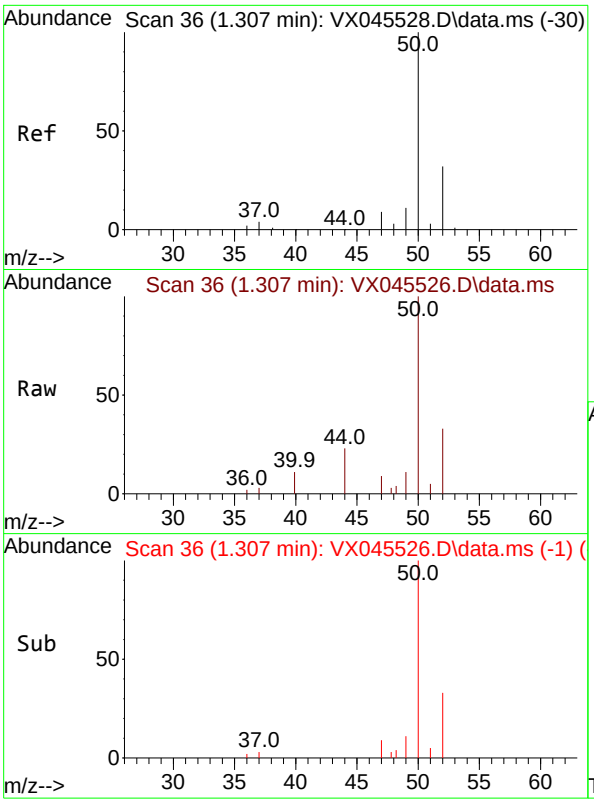


#2
Dichlorodifluoromethane
Concen: 4.649 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 85 Resp: 6482

Ion	Ratio	Lower	Upper
85	100		
87	27.3	16.1	48.2

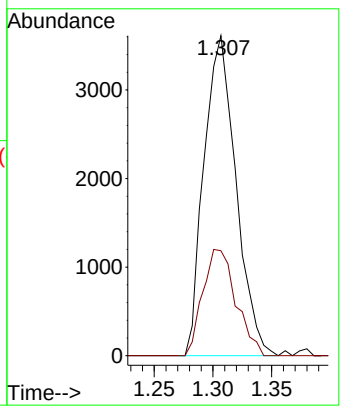




#3
Chloromethane
Concen: 4.779 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 50 Resp: 684

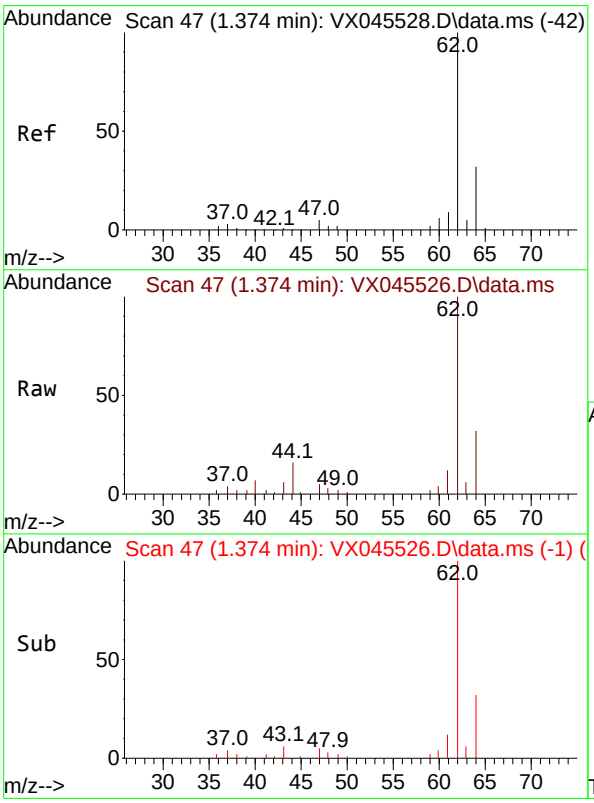
Ion	Ratio	Lower	Upper
50	100		
52	32.8	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

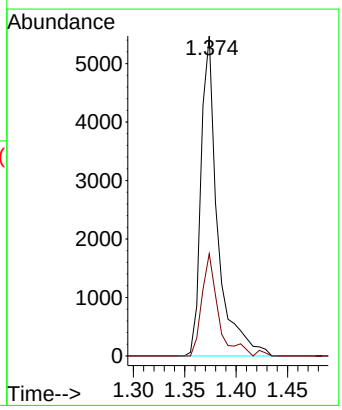
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

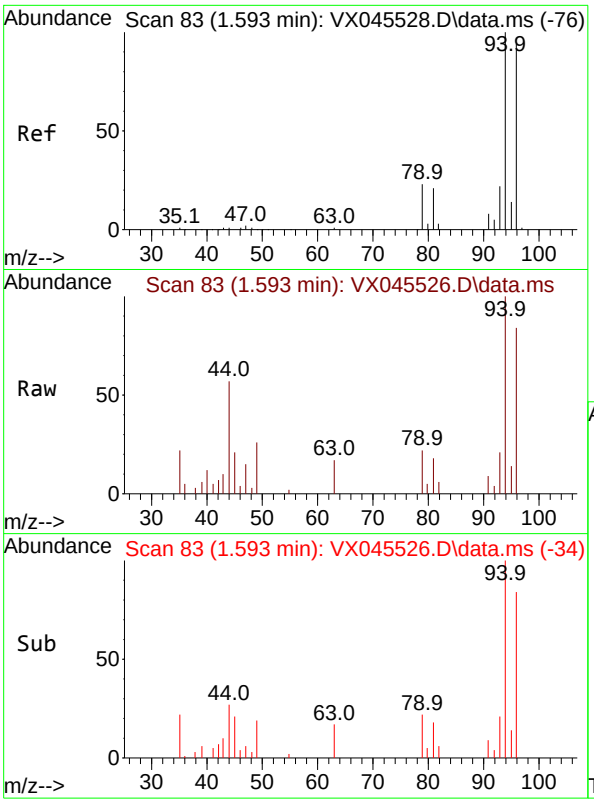


#4
Vinyl Chloride
Concen: 4.706 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 62 Resp: 6169

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.5	38.3

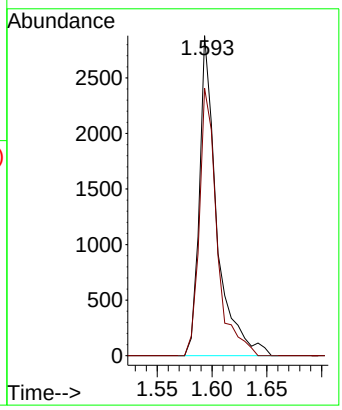




#5
Bromomethane
Concen: 5.124 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 94 Resp: 318

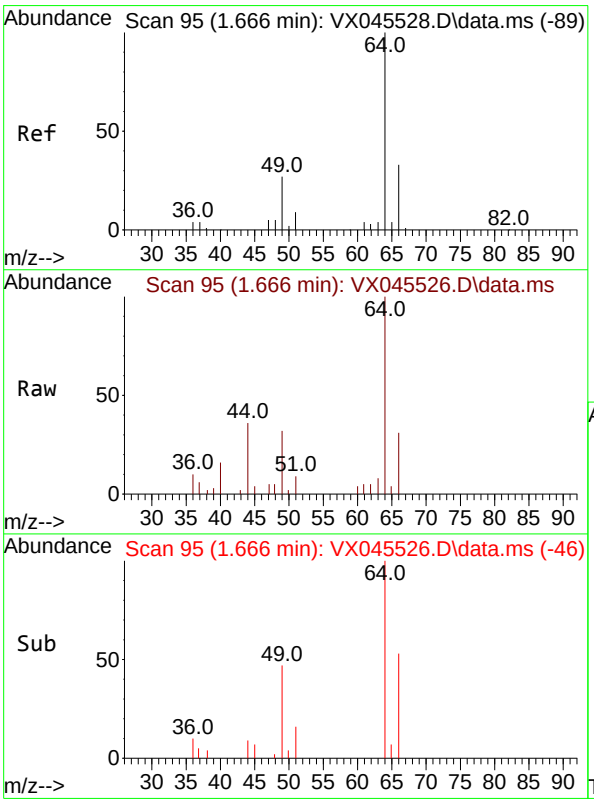
Ion	Ratio	Lower	Upper
94	100		
96	83.6	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

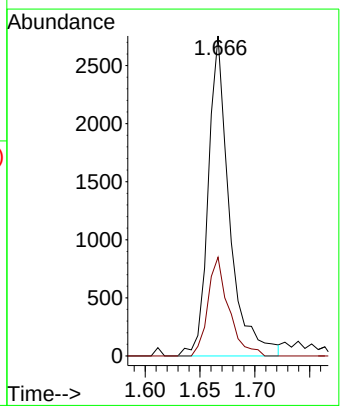
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

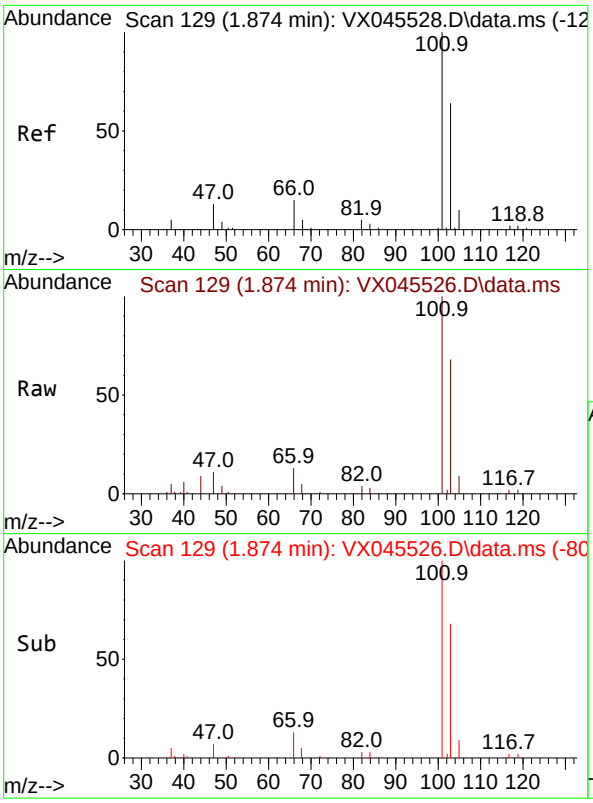


#6
Chloroethane
Concen: 5.324 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 64 Resp: 3703

Ion	Ratio	Lower	Upper
64	100		
66	30.9	26.3	39.5

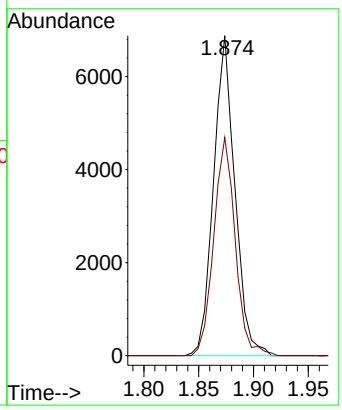




#7
Trichlorofluoromethane
Concen: 4.766 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:101 Resp: 931

Ion	Ratio	Lower	Upper
101	100		
103	68.2	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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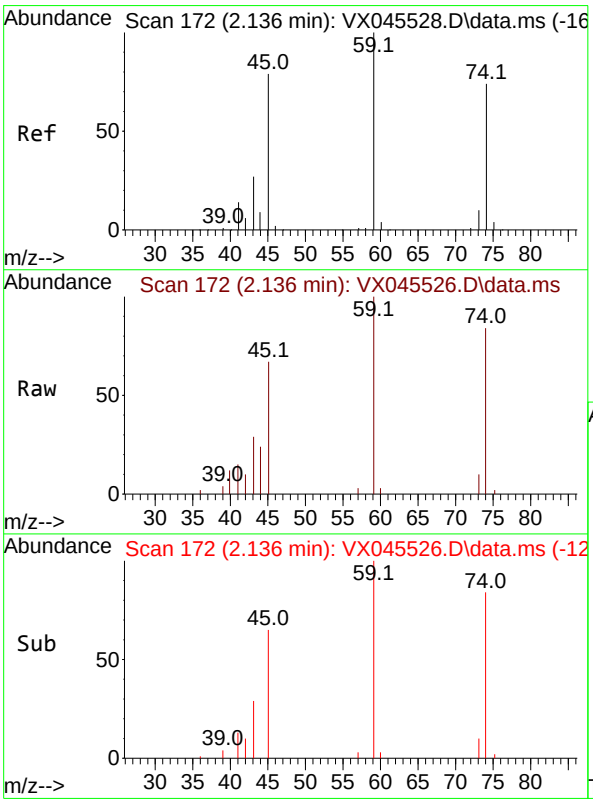
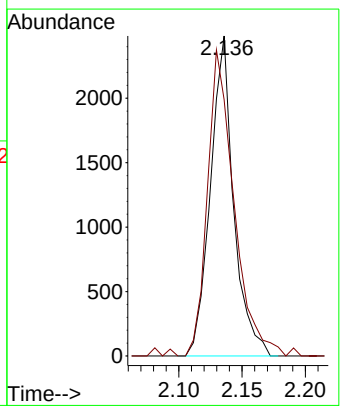
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

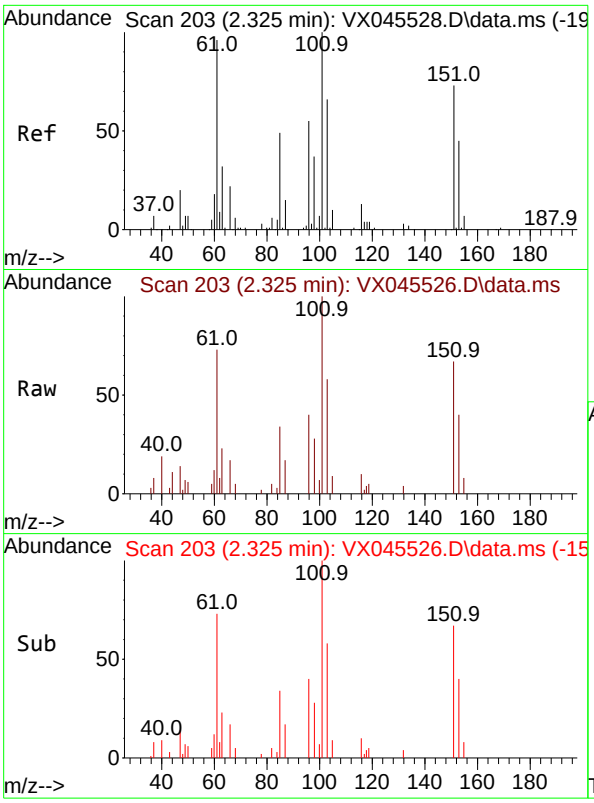


#8
Diethyl Ether
Concen: 4.832 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 74 Resp: 3171

Ion	Ratio	Lower	Upper
74	100		
45	110.2	53.0	159.1

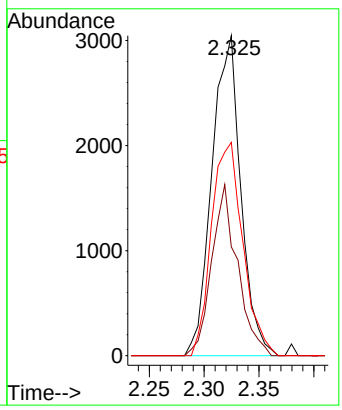




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.879 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:101 Resp: 558

Ion	Ratio	Lower	Upper
101	100		
85	47.8	38.9	58.3
151	72.4	57.5	86.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :Amit Patel 04/02/2025
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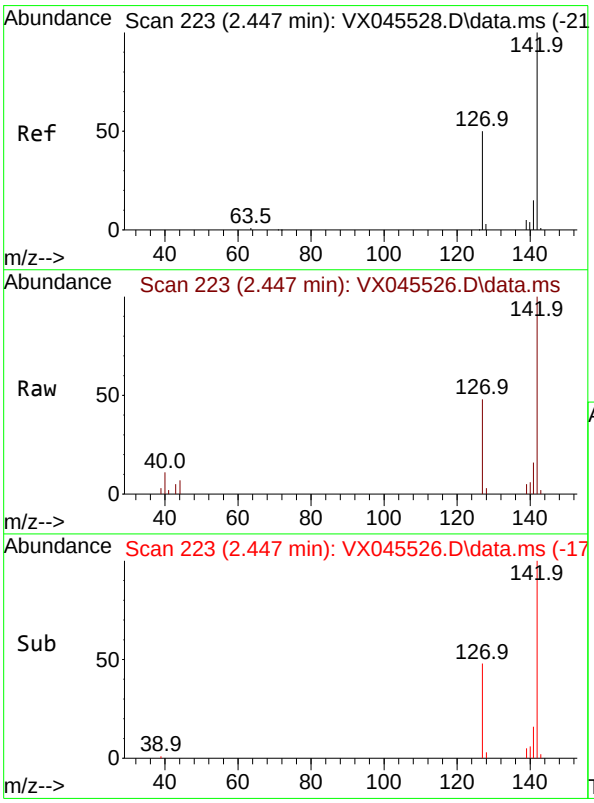
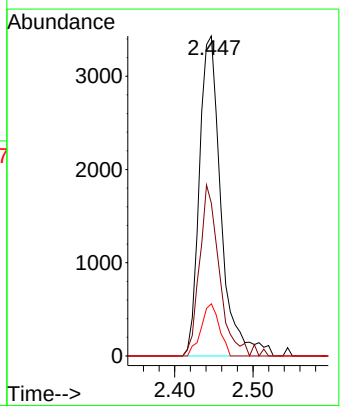
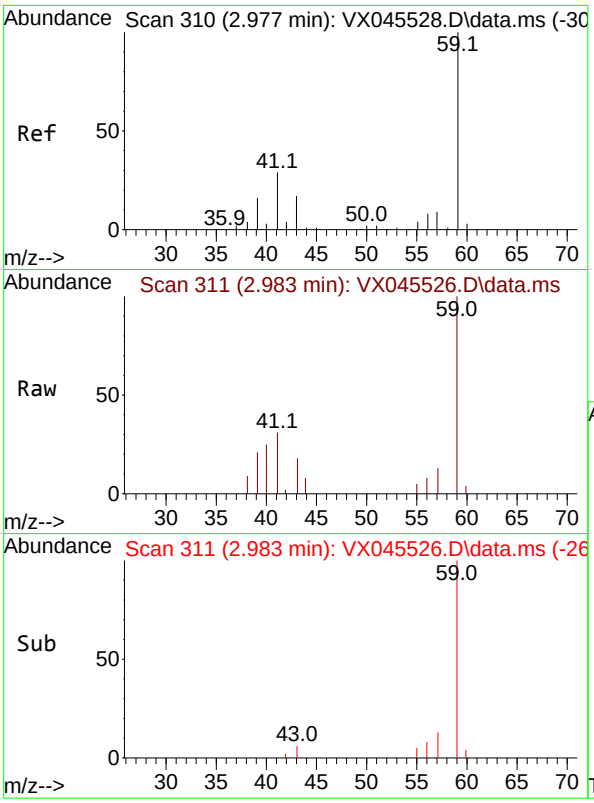


#10
Methyl Iodide
Concen: 4.601 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:142 Resp: 6574

Ion	Ratio	Lower	Upper
142	100		
127	48.4	40.2	60.4
141	13.7	11.7	17.5

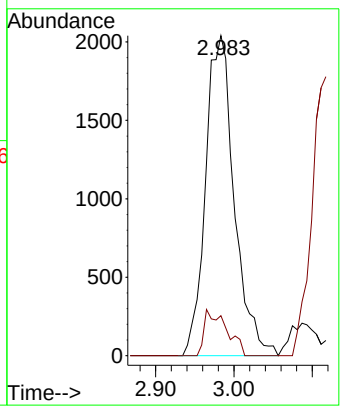




#11
Tert butyl alcohol
Concen: 22.633 ug/l
RT: 2.983 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 59 Resp: 518

Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :Amit Patel 04/02/2025
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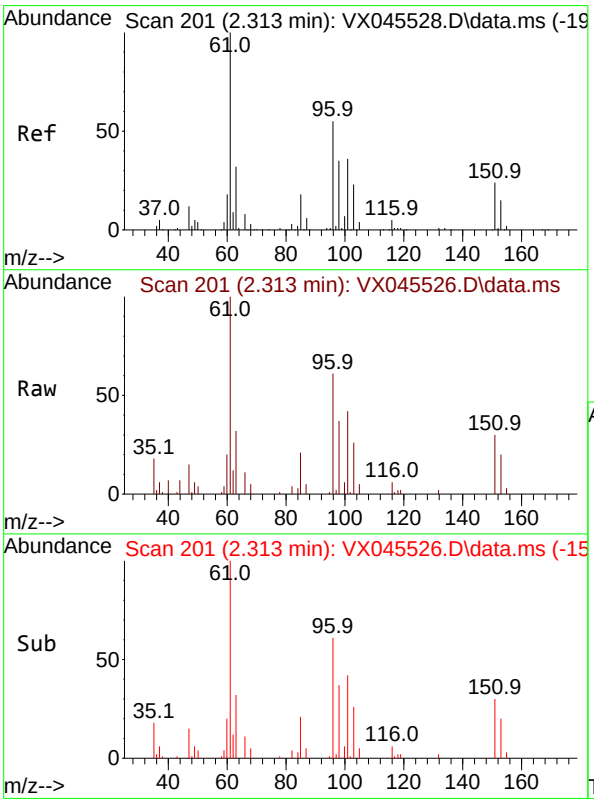
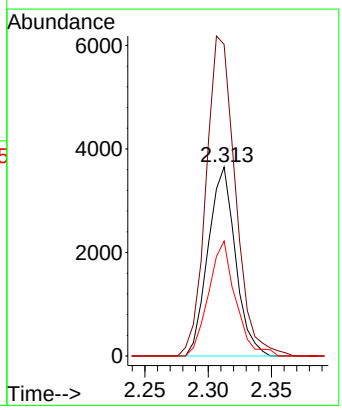
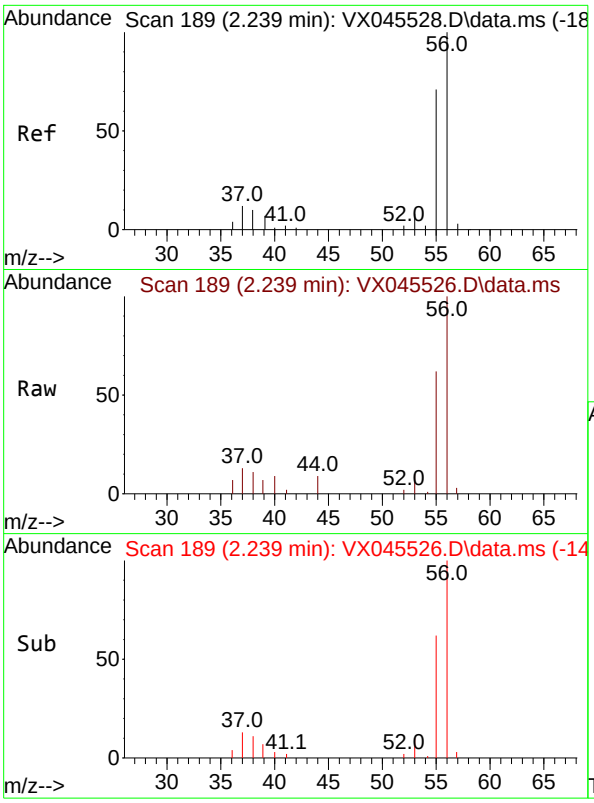


#12
1,1-Dichloroethene
Concen: 4.901 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 96 Resp: 5485

Ion	Ratio	Lower	Upper
96	100		
61	164.9	145.7	218.5
98	60.8	51.6	77.4

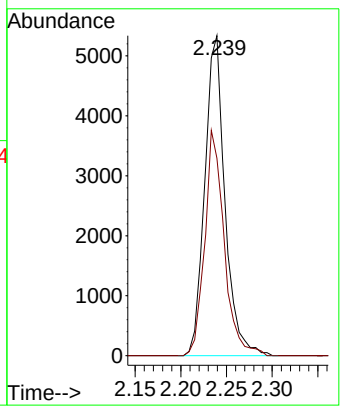




#13
Acrolein
Concen: 25.993 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 56 Resp: 820

Ion	Ratio	Lower	Upper
56	100		
55	67.9	56.2	84.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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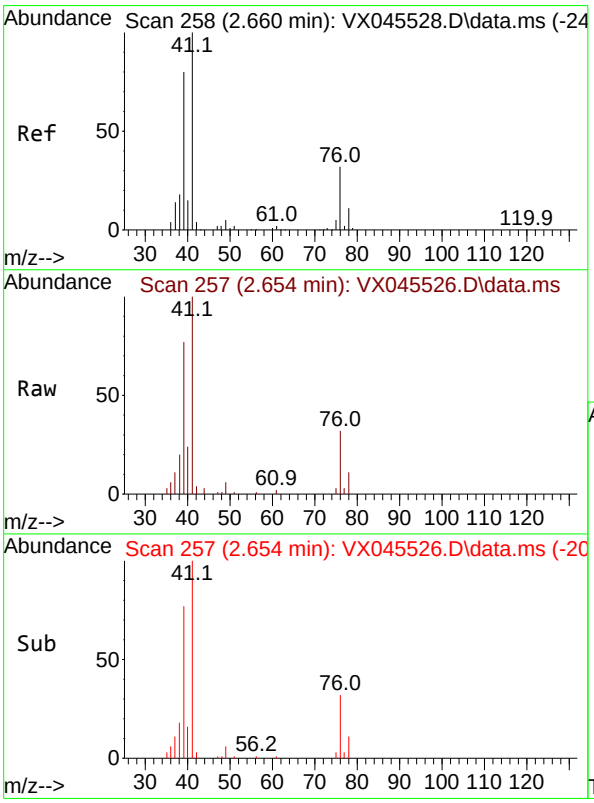
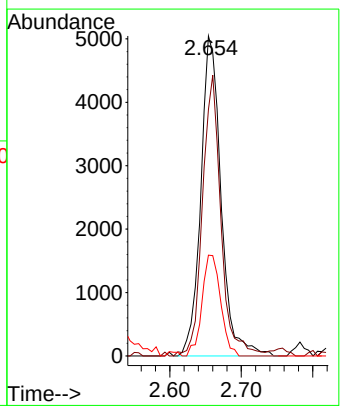
Supervised By :Mahesh Dadoda 04/02/2025

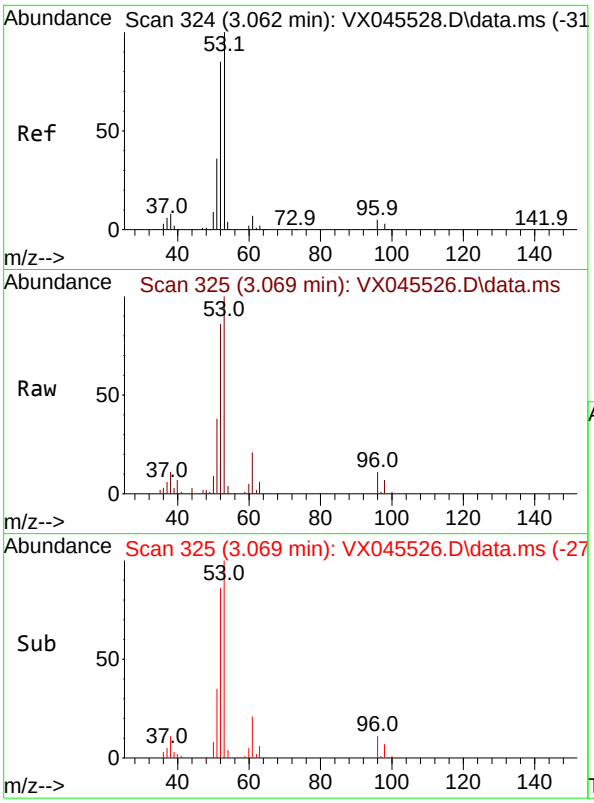


#14
Allyl chloride
Concen: 4.690 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 41 Resp: 9960

Ion	Ratio	Lower	Upper
41	100		
39	79.8	60.2	90.2
76	28.8	24.6	36.8





#15
Acrylonitrile
Concen: 24.624 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 53 Resp: 1781

Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.4	101.2
51	39.3	29.9	44.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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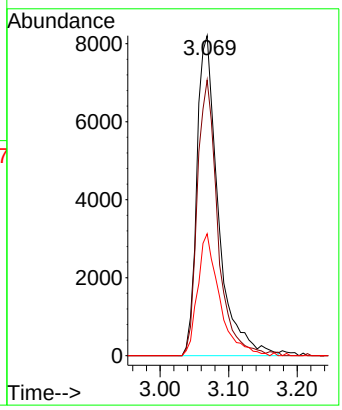
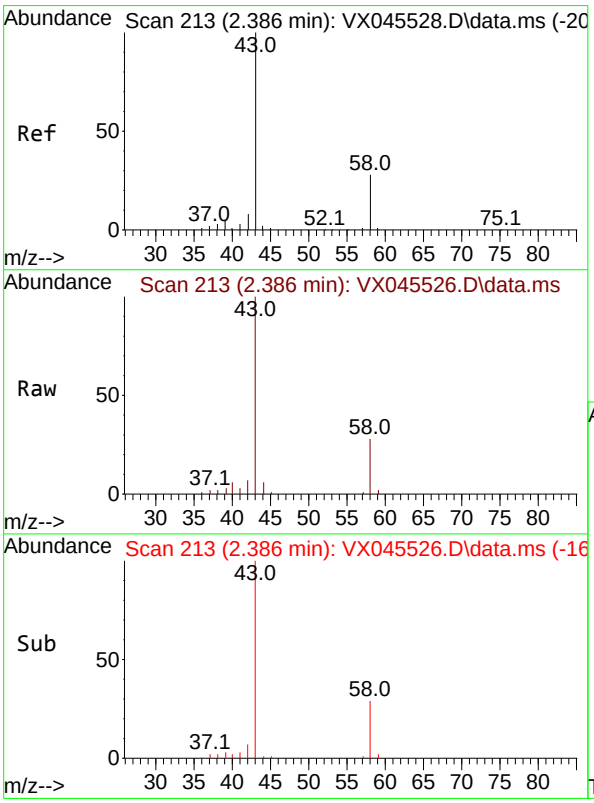
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

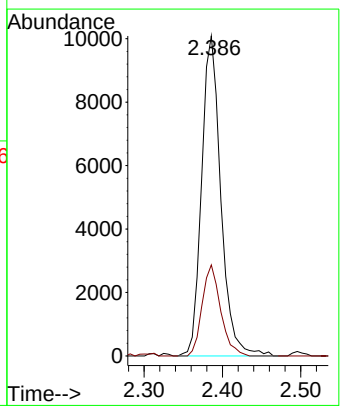


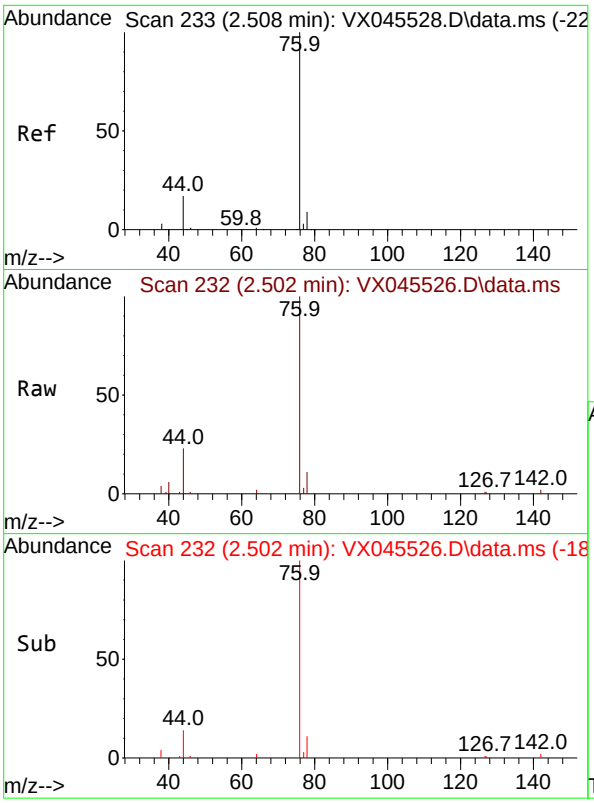


#16
Acetone
Concen: 24.550 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 17188

Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.3	33.5





#17
Carbon Disulfide
Concen: 4.477 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 76 Resp: 1237

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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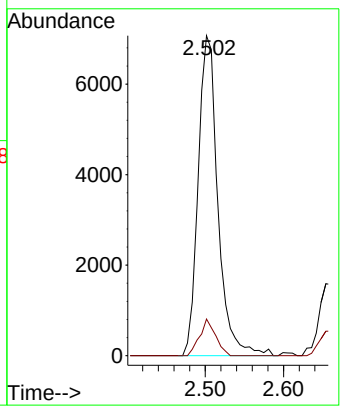
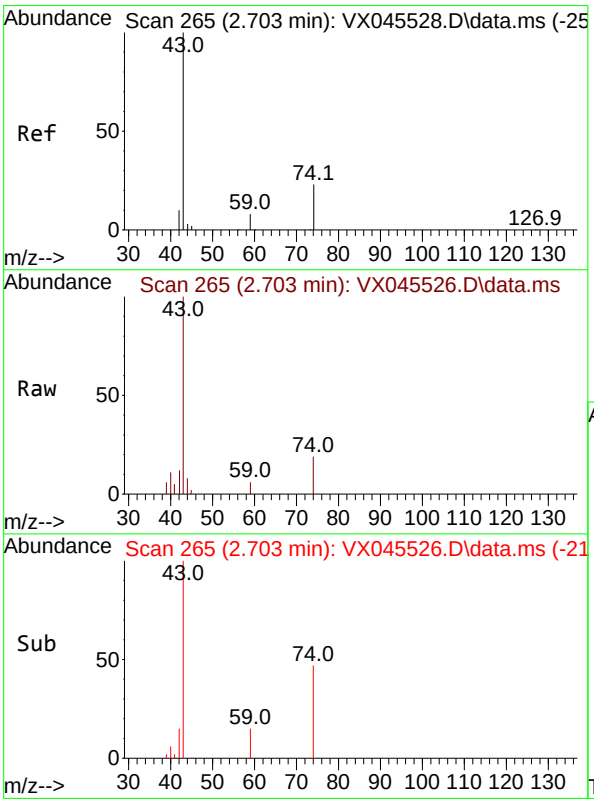
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

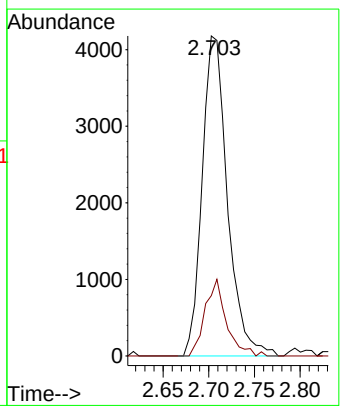


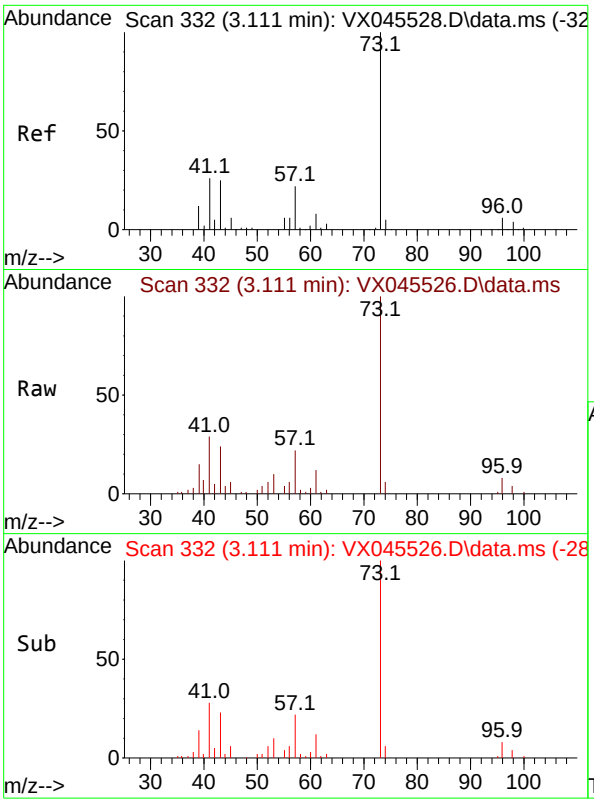


#18
Methyl Acetate
Concen: 4.989 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 8042

Ion	Ratio	Lower	Upper
43	100		
74	20.2	17.5	26.3

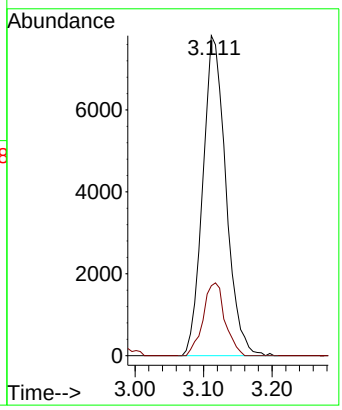




#19
Methyl tert-butyl Ether
Concen: 4.677 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 73 Resp: 1831

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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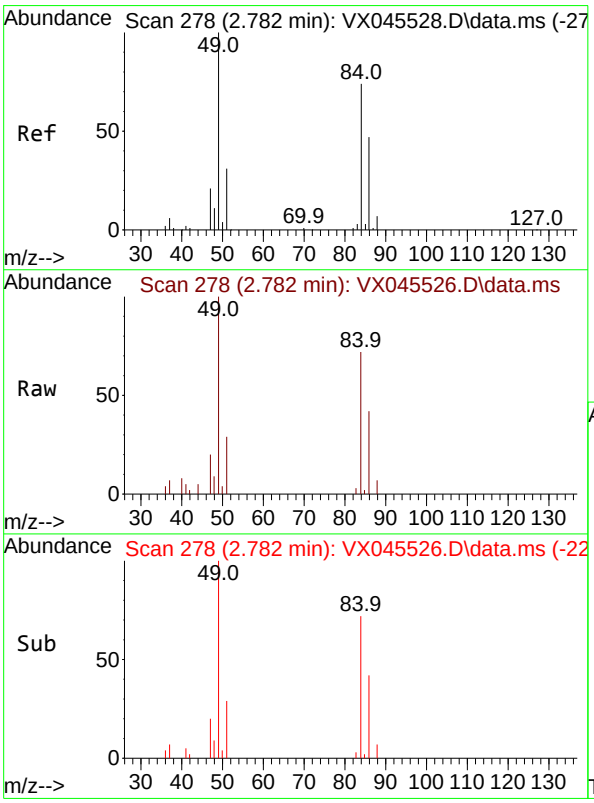
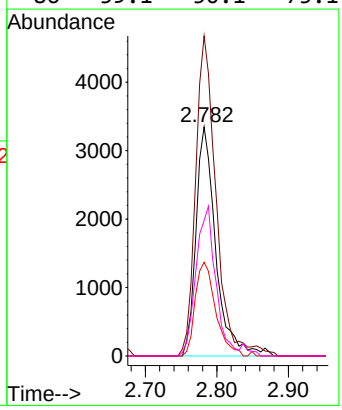
Supervised By :Mahesh Dadoda 04/02/2025

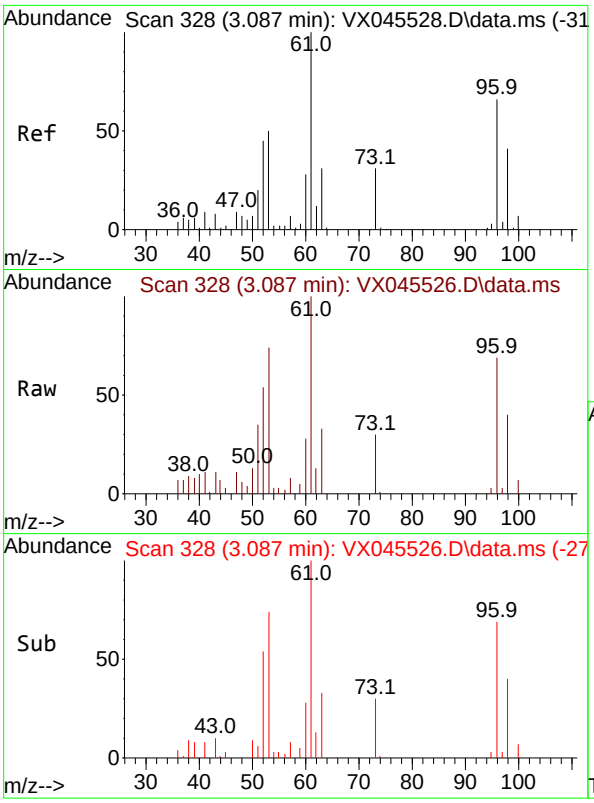


#20
Methylene Chloride
Concen: 4.945 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 84 Resp: 6481

Ion	Ratio	Lower	Upper
84	100		
49	139.6	107.5	161.3
51	40.9	33.0	49.6
86	59.1	50.1	75.1

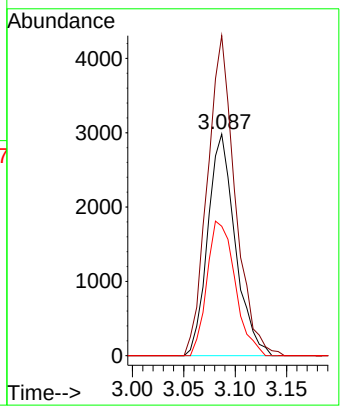




#21
trans-1,2-Dichloroethene
Concen: 4.840 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 96 Resp: 553

Ion	Ratio	Lower	Upper
96	100		
61	144.4	121.0	181.6
98	58.5	49.7	74.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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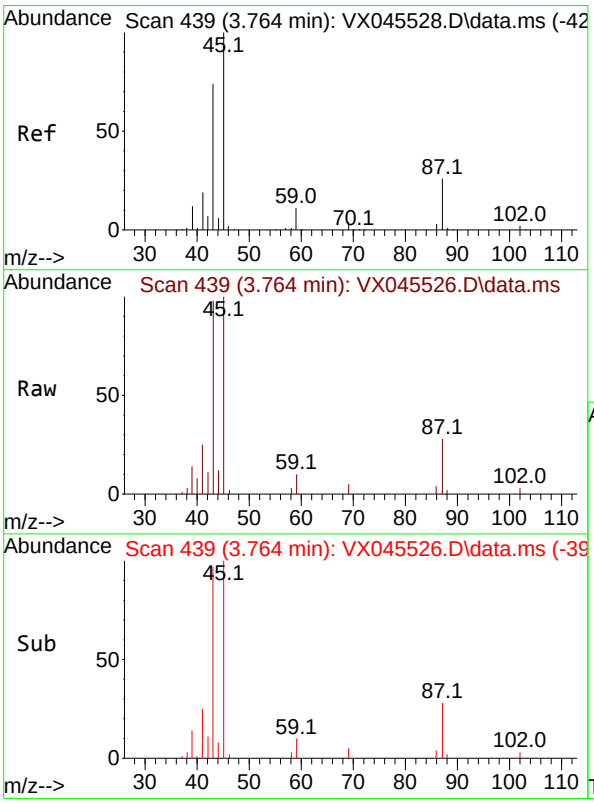
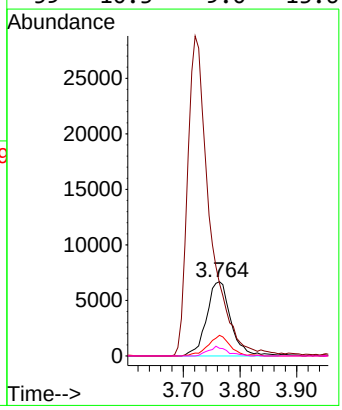
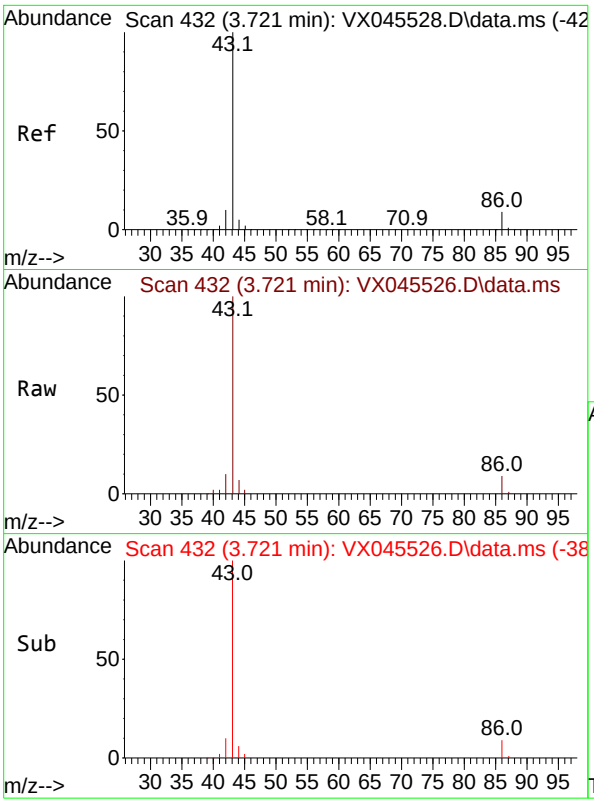


#22
Diisopropyl ether
Concen: 4.725 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 45 Resp: 19765

Ion	Ratio	Lower	Upper
45	100		
43	94.7	59.3	88.9#
87	27.8	20.4	30.6
59	10.3	9.0	13.6





#23
Vinyl Acetate
Concen: 21.831 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 7890

Ion	Ratio	Lower	Upper
43	100		
86	8.7	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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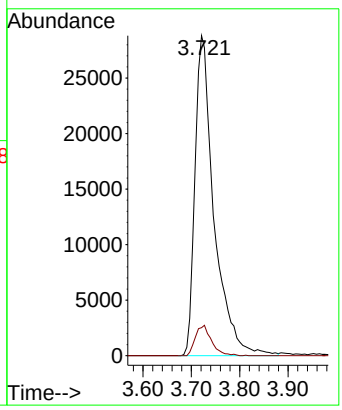
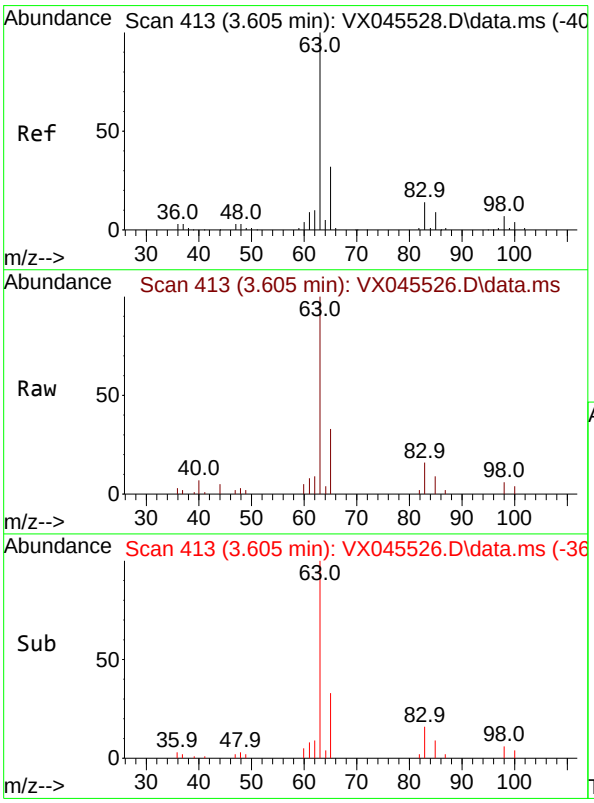
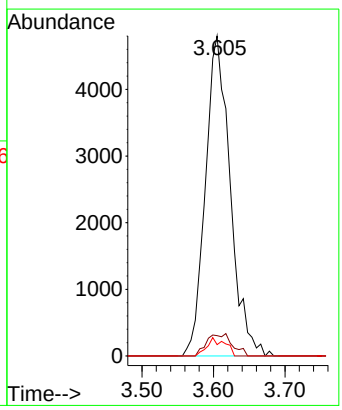


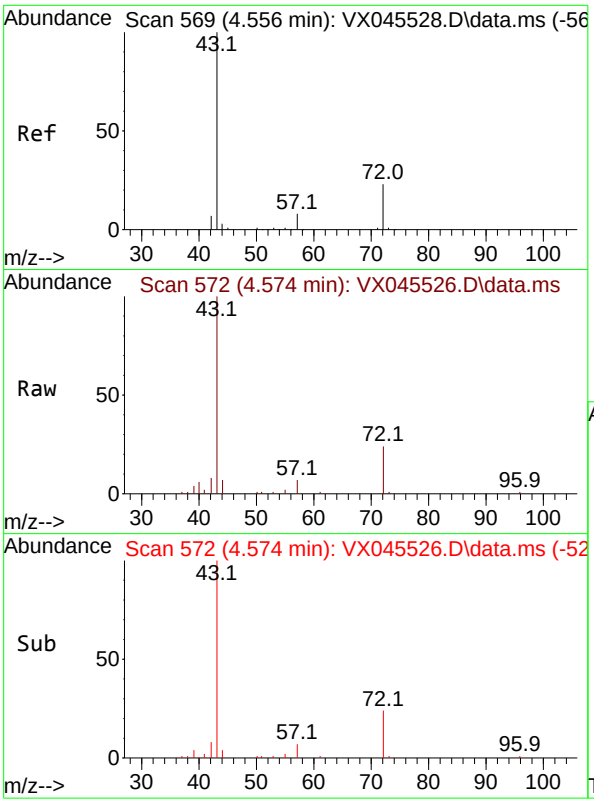


#24
1,1-Dichloroethane
Concen: 4.887 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 63 Resp: 11562

Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.4	10.1
100	3.6	2.2	6.6





#25
2-Butanone
Concen: 24.419 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 2502

Ion	Ratio	Lower	Upper
43	100		
72	23.8	18.6	28.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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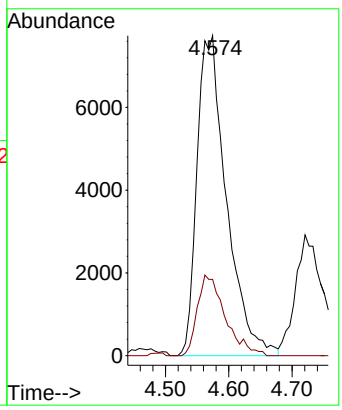
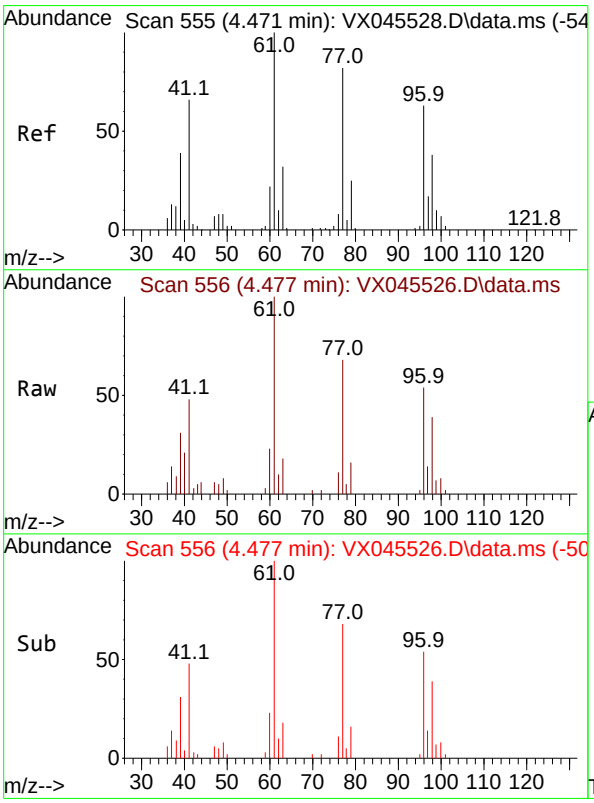
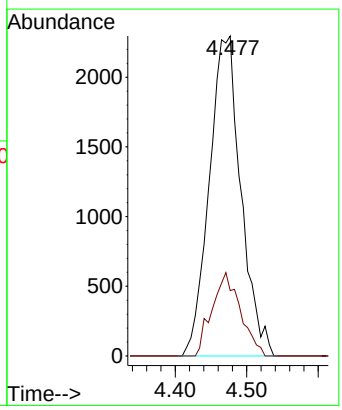


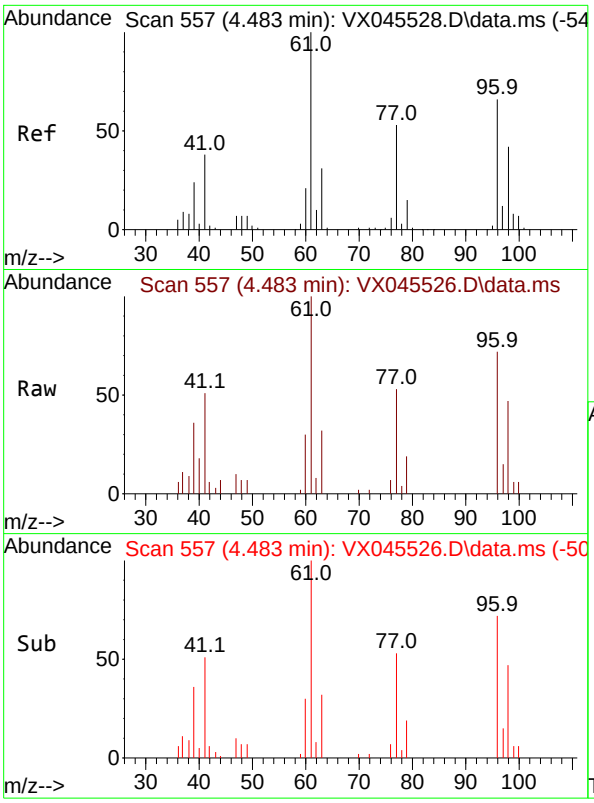


#26
2,2-Dichloropropane
Concen: 4.615 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 77 Resp: 7054

Ion	Ratio	Lower	Upper
77	100		
97	23.4	10.6	31.8

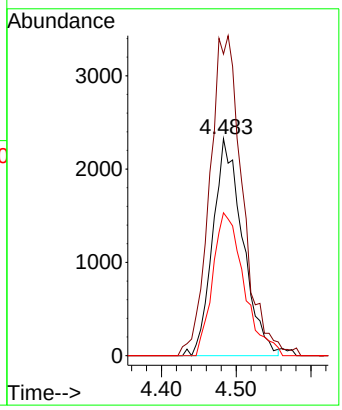




#27
cis-1,2-Dichloroethene
Concen: 4.655 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 96 Resp: 648

Ion	Ratio	Lower	Upper
96	100		
61	162.4	0.0	313.2
98	68.5	0.0	126.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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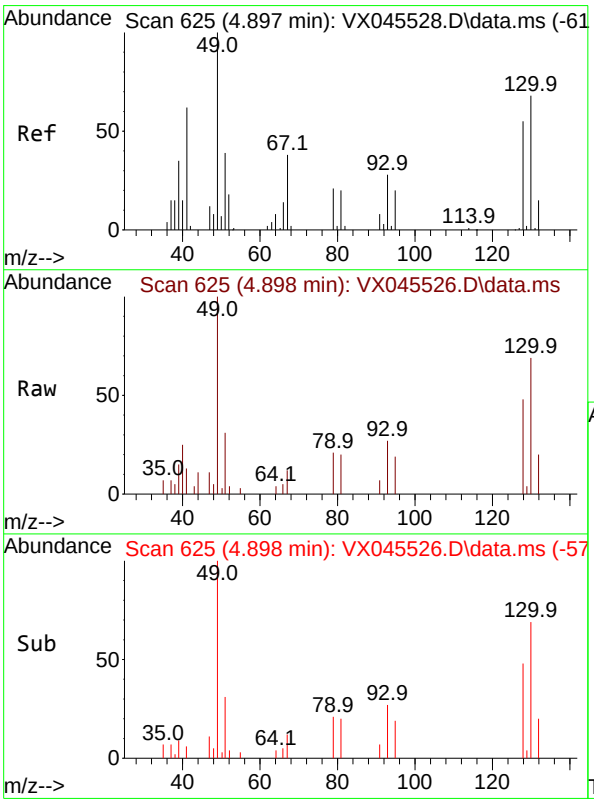
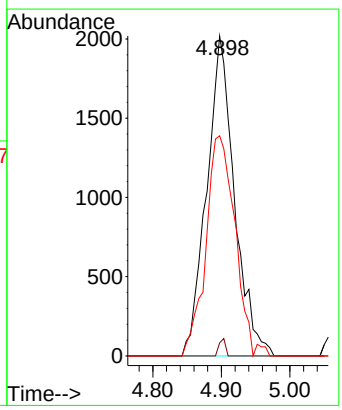
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

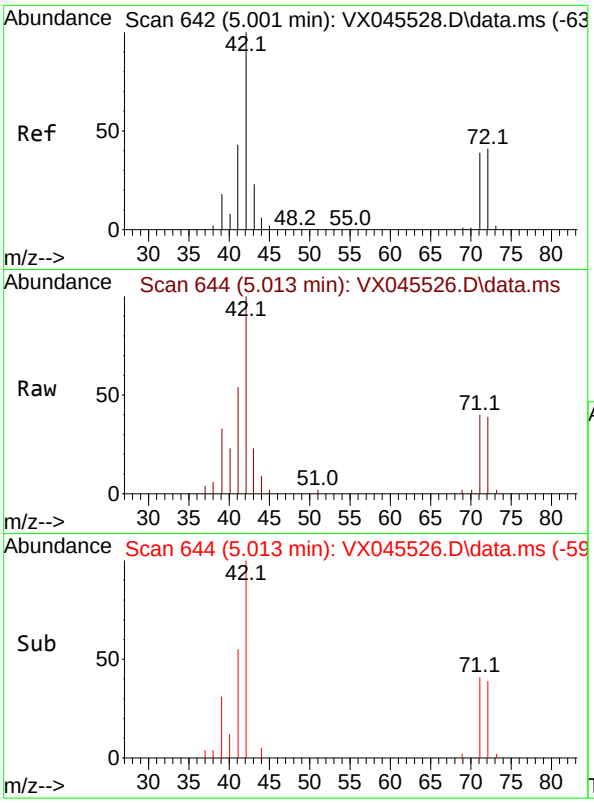


#28
Bromochloromethane
Concen: 4.956 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 49 Resp: 5666

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	3.8
130	72.2	54.6	81.8





#29
Tetrahydrofuran
Concen: 23.950 ug/l
RT: 5.013 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 42 Resp: 1591

Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.4	50.0
71	39.2	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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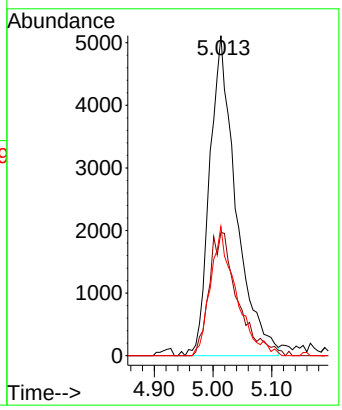
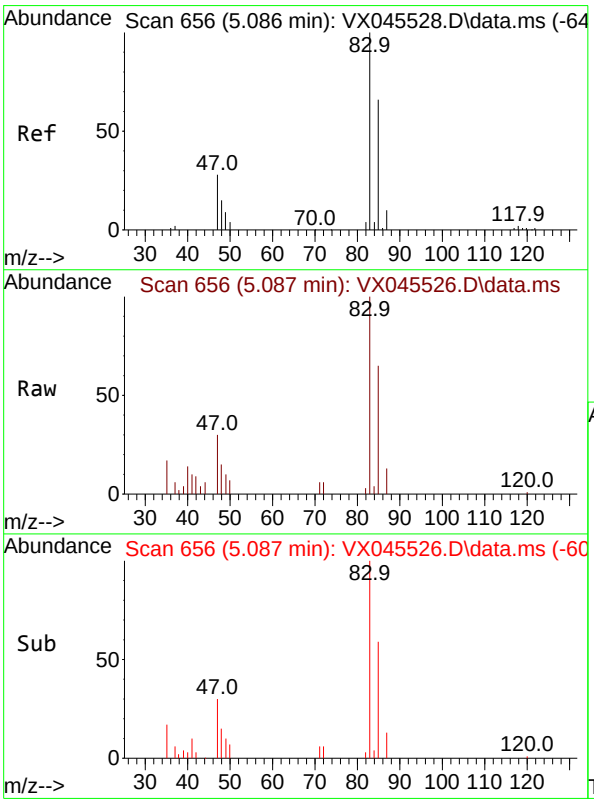
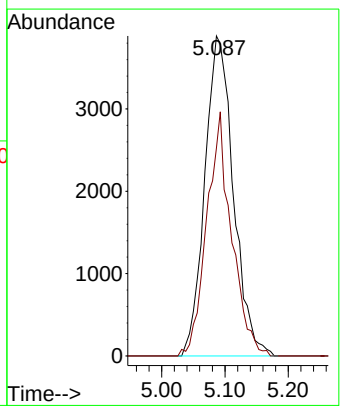


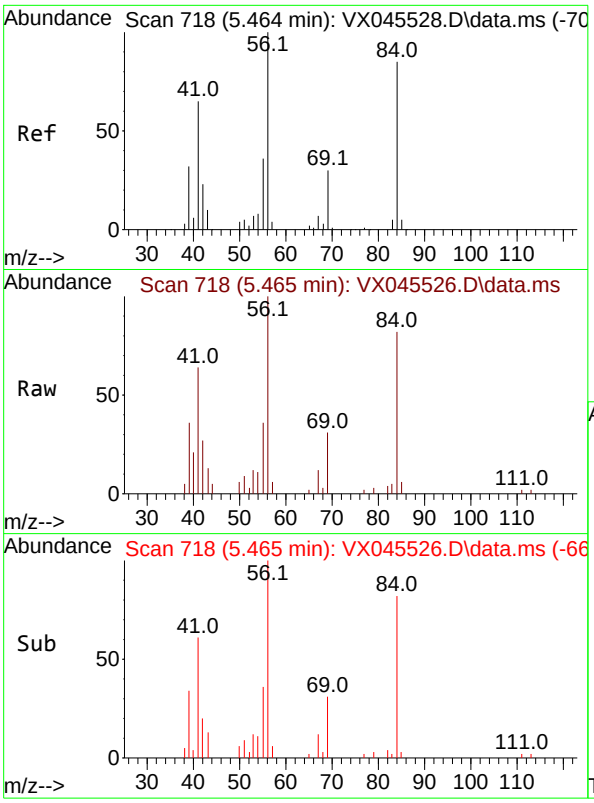


#30
Chloroform
Concen: 5.012 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 83 Resp: 12200

Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.8	79.2





#31
Cyclohexane
Concen: 4.653 ug/l
RT: 5.465 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 56 Resp: 973

Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.6	35.4
84	82.2	67.7	101.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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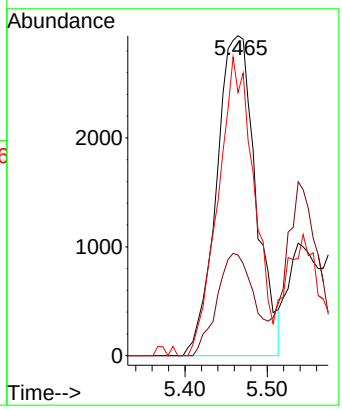
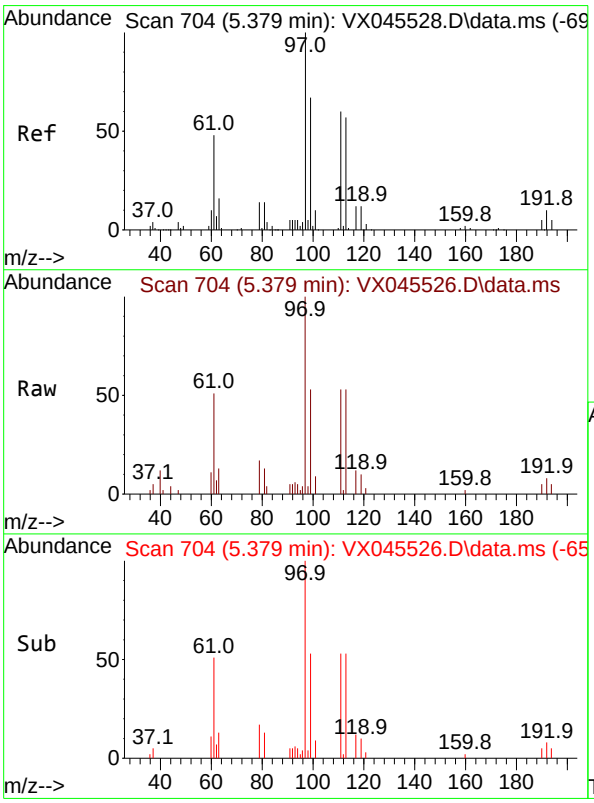
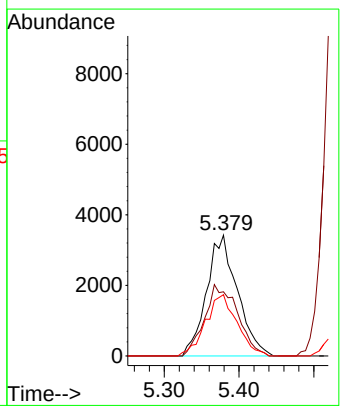


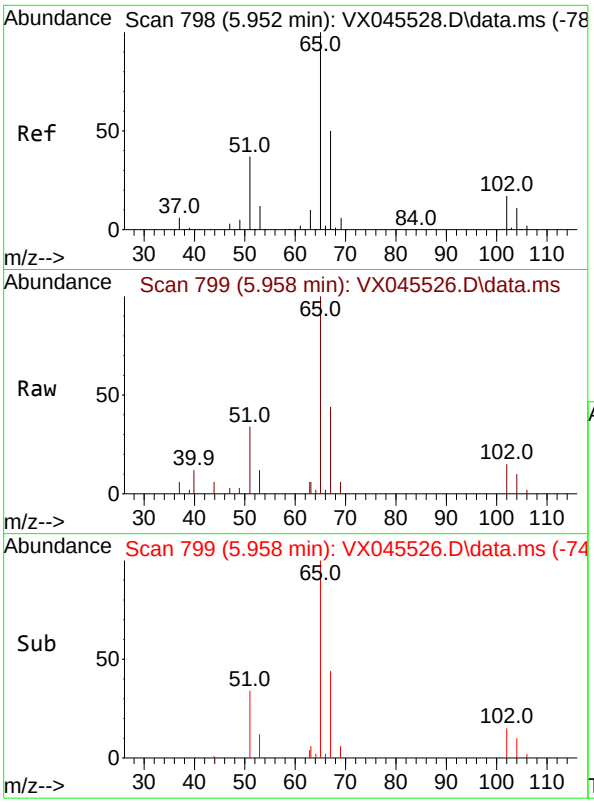


#32
1,1,1-Trichloroethane
Concen: 4.763 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 97 Resp: 9811

Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	52.0	41.0	61.4

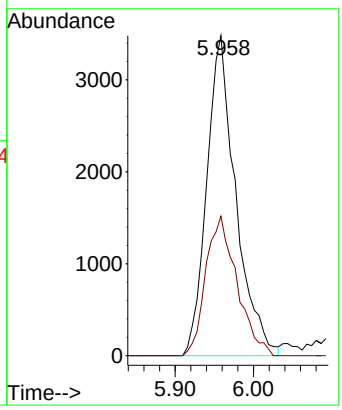




#33
1,2-Dichloroethane-d4
Concen: 5.260 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 65 Resp: 896

Ion	Ratio	Lower	Upper
65	100		
67	46.7	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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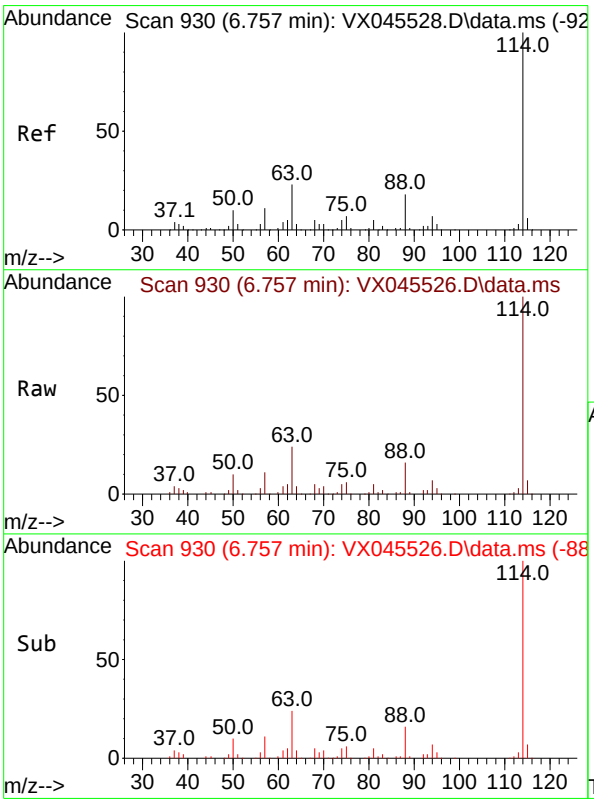
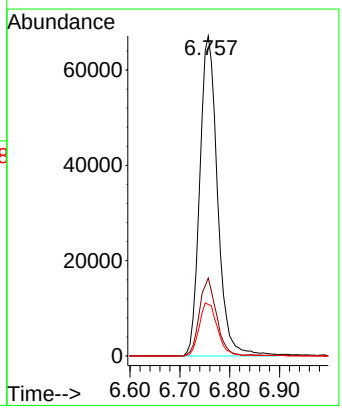
Supervised By :Mahesh Dadoda 04/02/2025

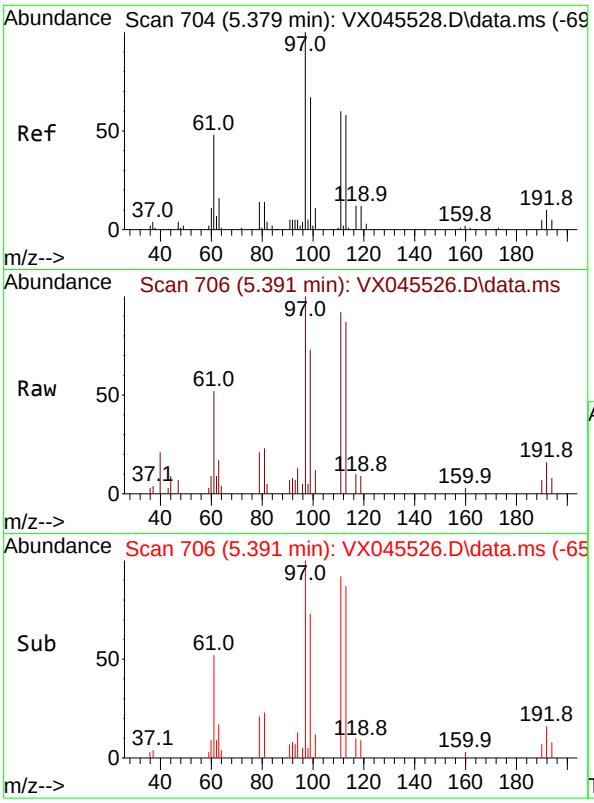


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:114 Resp: 166137

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	46.8
88	16.1	0.0	35.4

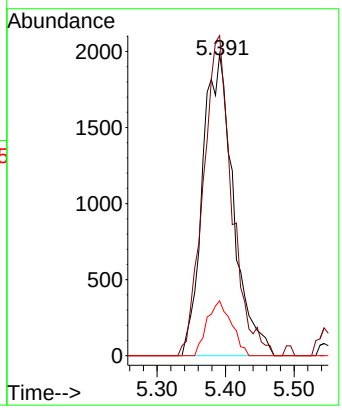




#35
Dibromofluoromethane
Concen: 5.244 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:113 Resp: 618

Ion	Ratio	Lower	Upper
113	100		
111	98.8	81.8	122.6
192	14.4	13.8	20.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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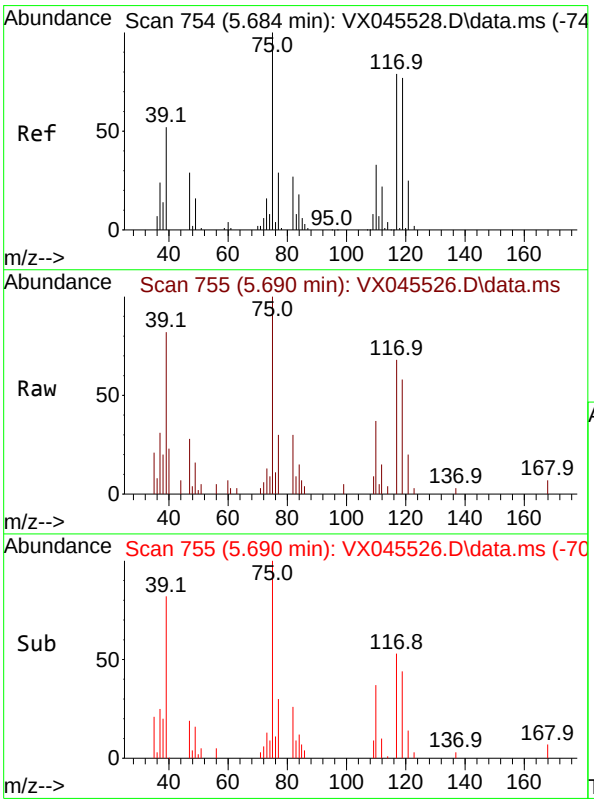
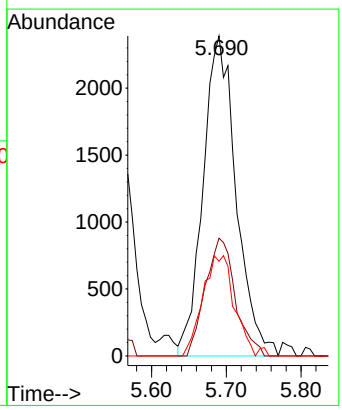
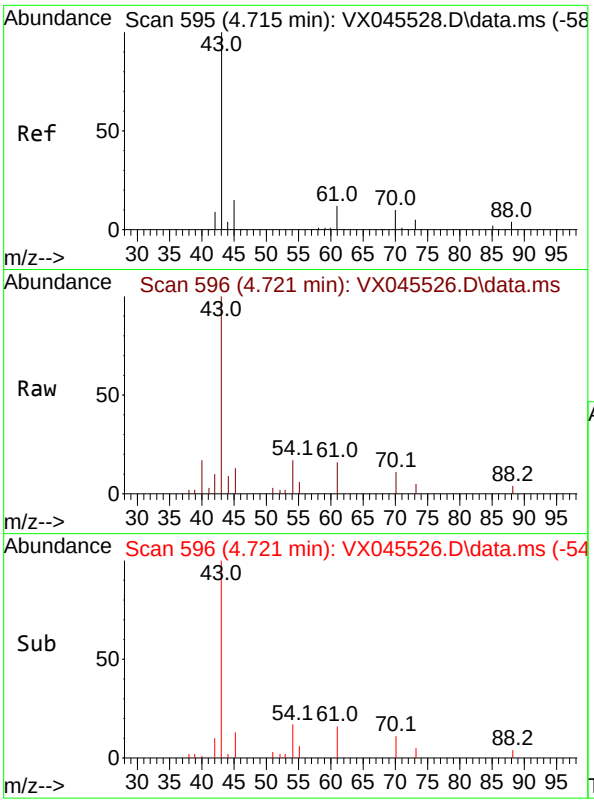


#36
1,1-Dichloropropene
Concen: 4.621 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 7354

Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.6
77	29.8	25.0	37.4

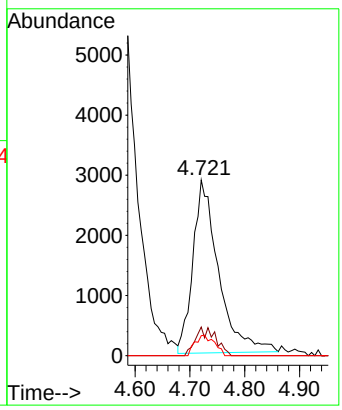




#37
Ethyl Acetate
Concen: 4.679 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 938

Ion	Ratio	Lower	Upper
43	100		
61	6.3	9.9	14.9
70	8.9	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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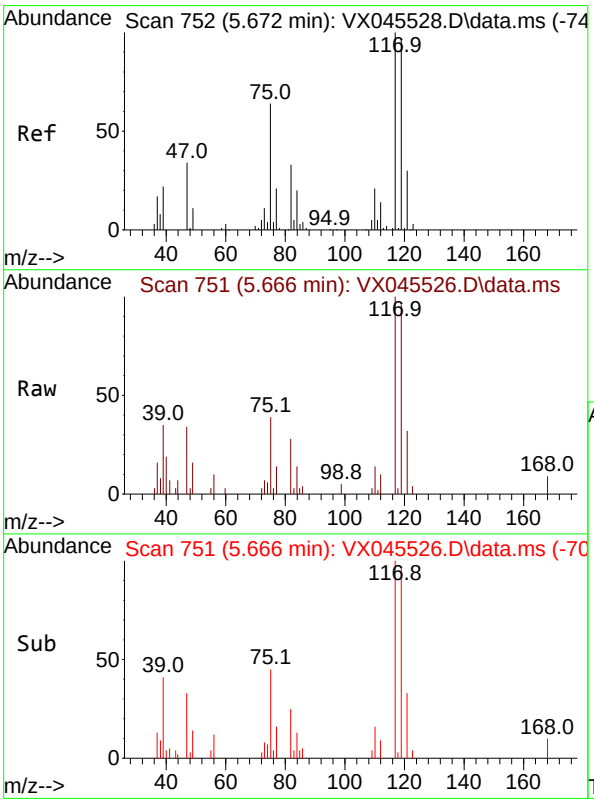
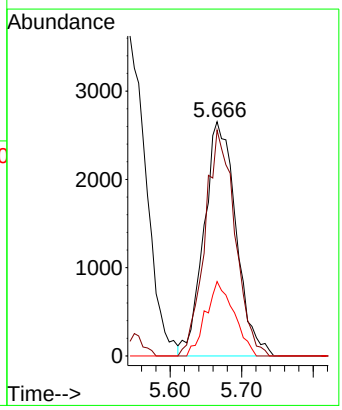
Supervised By :Mahesh Dadoda 04/02/2025

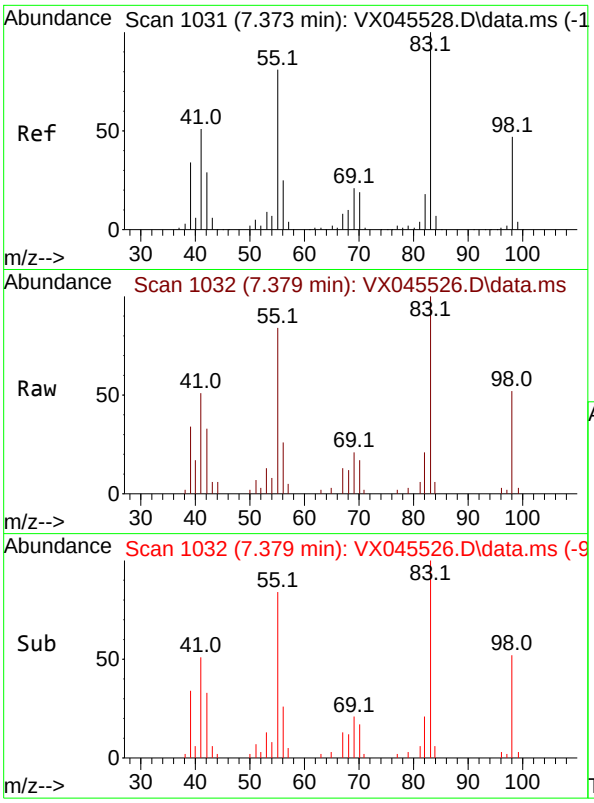


#38
Carbon Tetrachloride
Concen: 4.804 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:117 Resp: 8264

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.9	115.3
121	31.7	24.2	36.2

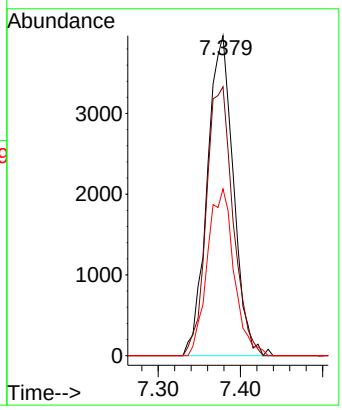




#39
Methylcyclohexane
Concen: 4.489 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 83 Resp: 875

Ion	Ratio	Lower	Upper
83	100		
55	84.0	64.9	97.3
98	52.1	37.4	56.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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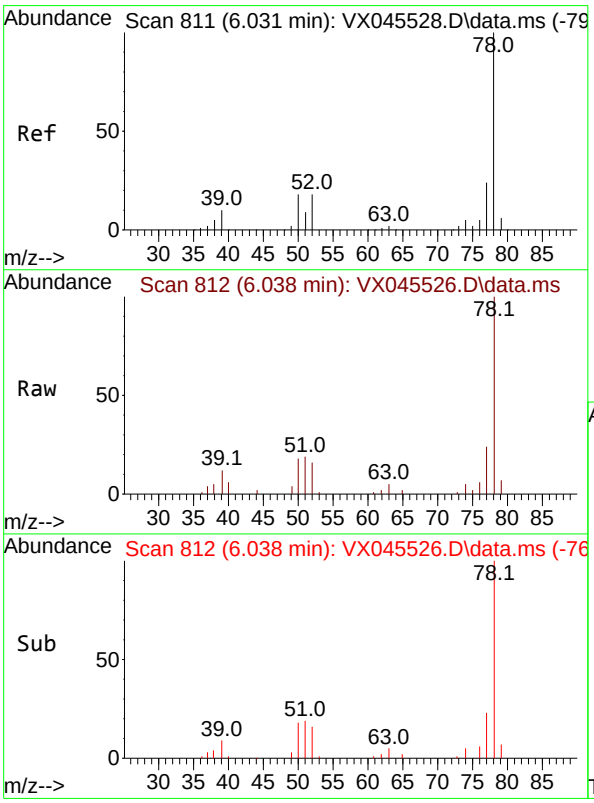
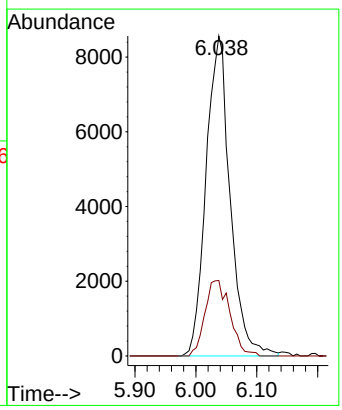
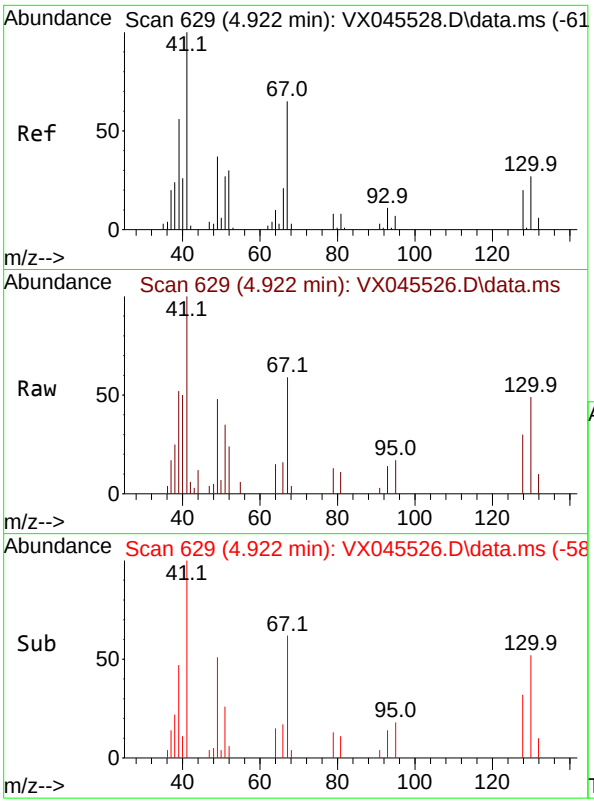


#40
Benzene
Concen: 4.839 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 78 Resp: 23522

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6

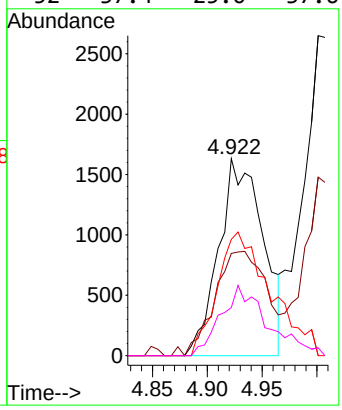




#41
Methacrylonitrile
Concen: 4.302 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 41 Resp: 459

Ion	Ratio	Lower	Upper
41	100		
39	61.4	47.0	70.6
67	75.2	53.2	79.8
52	37.4	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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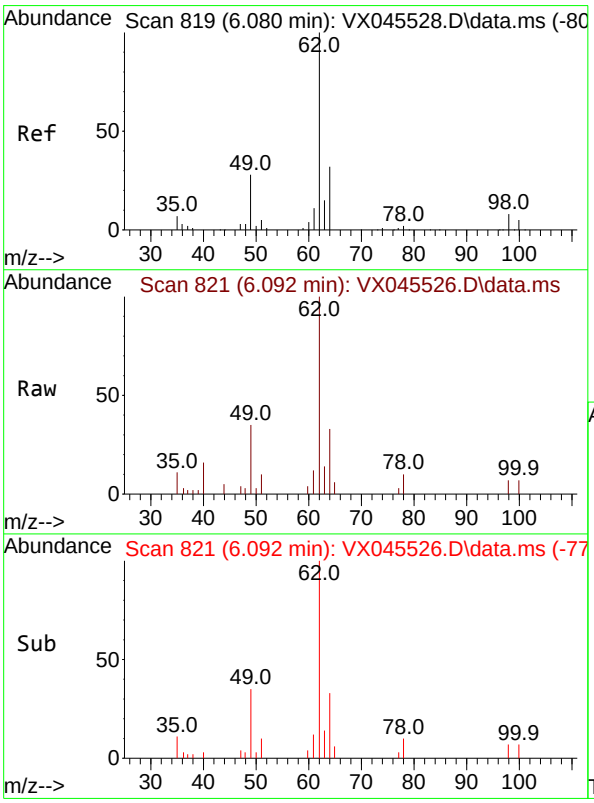
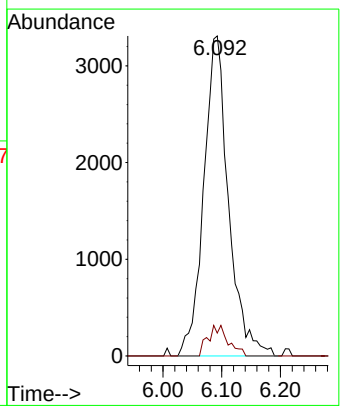
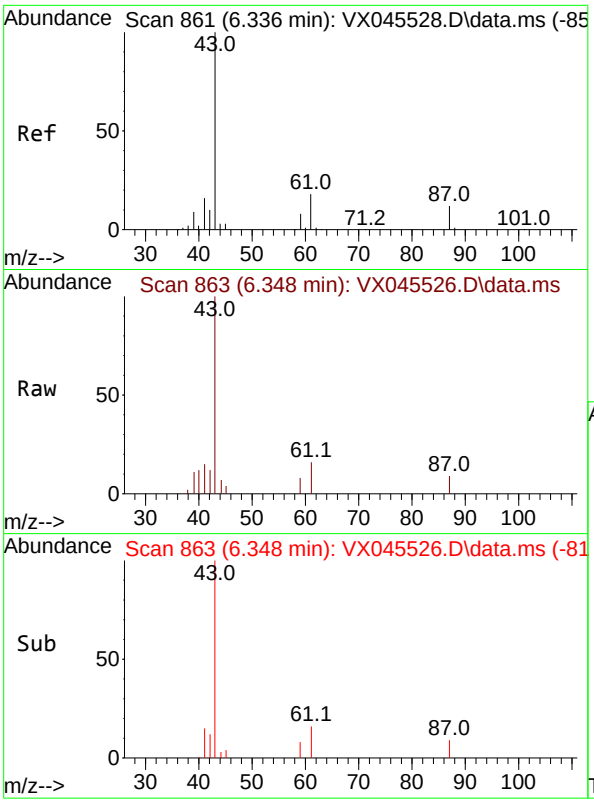


#42
1,2-Dichloroethane
Concen: 4.838 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 62 Resp: 9713

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2





#43
Isopropyl Acetate
Concen: 4.541 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 1380

Ion	Ratio	Lower	Upper
43	100		
61	15.8	14.1	21.1
87	11.3	9.2	13.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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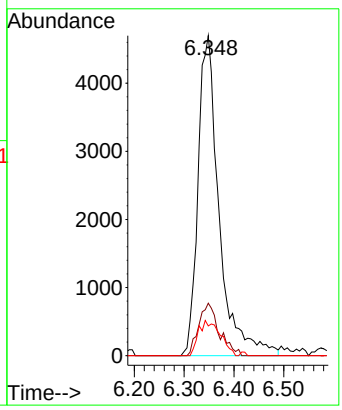
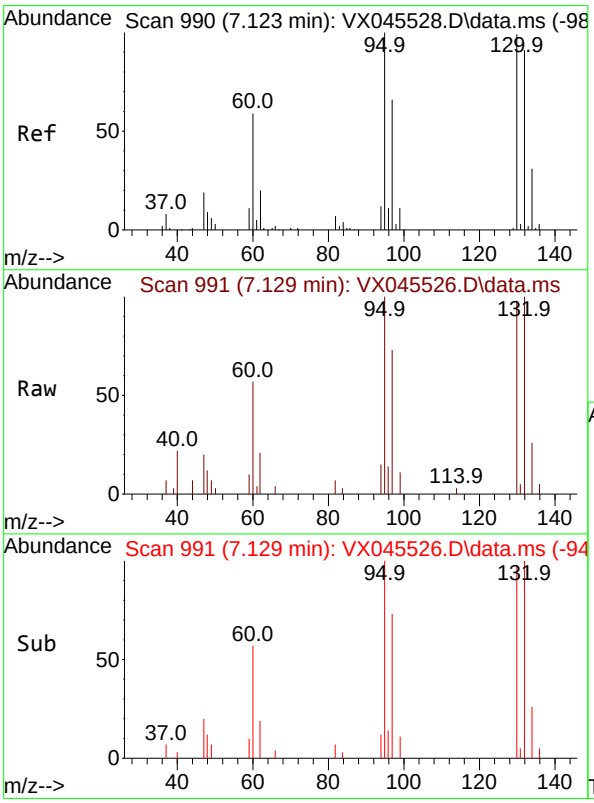
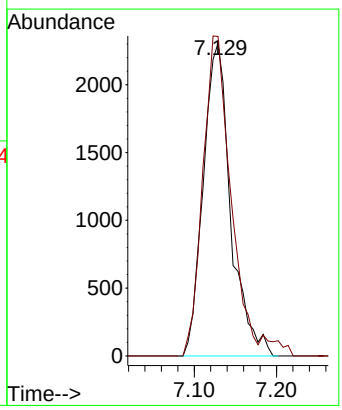


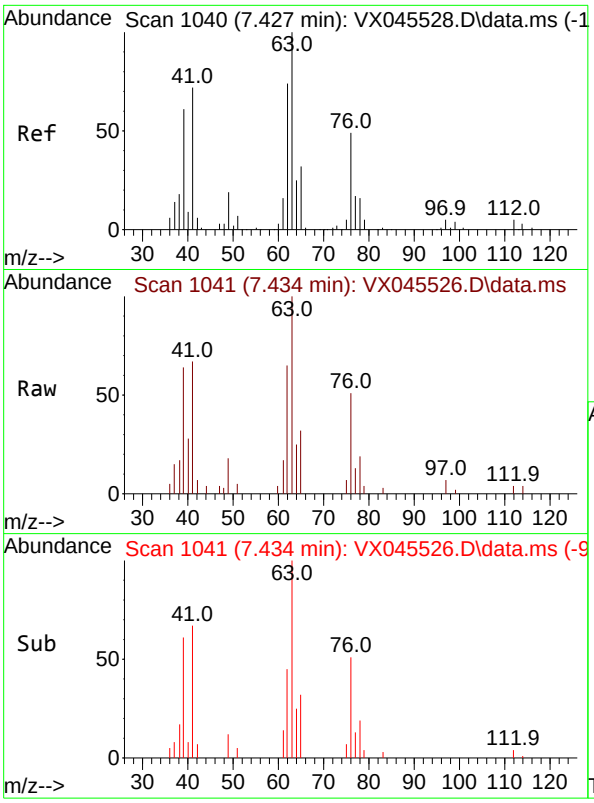


#44
Trichloroethene
Concen: 4.635 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:130 Resp: 5355

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	202.0

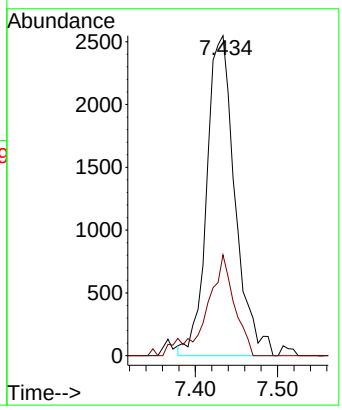




#45
1,2-Dichloropropane
Concen: 4.997 ug/l
RT: 7.434 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 63 Resp: 606

Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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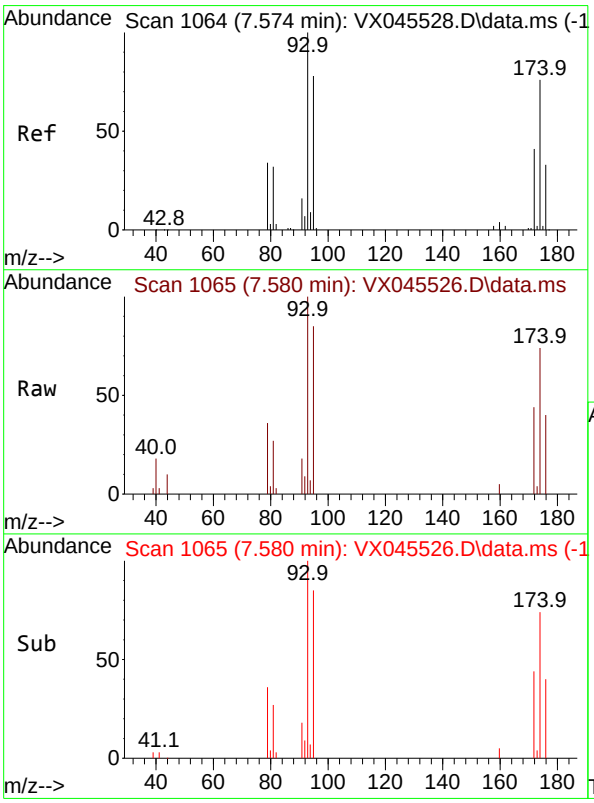
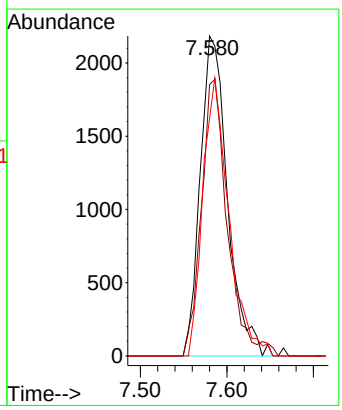
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

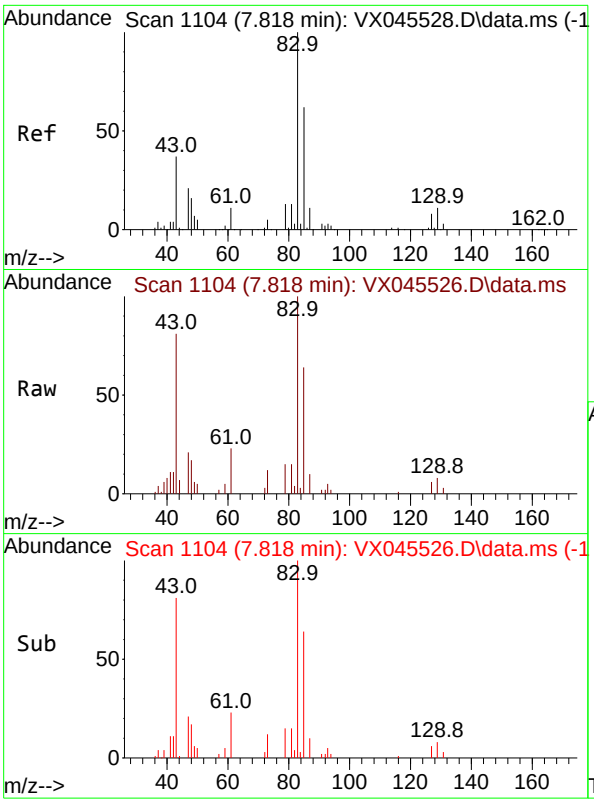


#46
Dibromomethane
Concen: 5.120 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 93 Resp: 4767

Ion	Ratio	Lower	Upper
93	100		
95	81.0	64.8	97.2
174	83.1	65.4	98.0

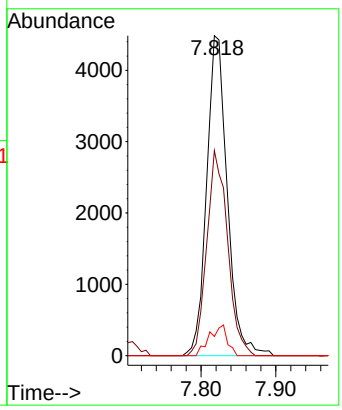




#47
Bromodichloromethane
Concen: 4.636 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 83 Resp: 861

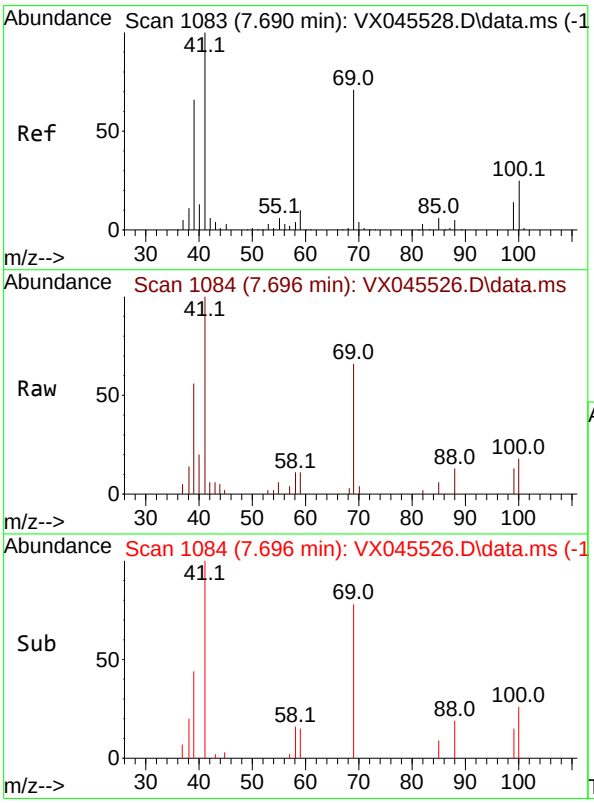
Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.7	74.5
127	6.0	6.1	9.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

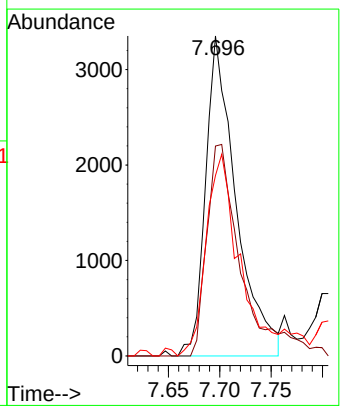
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

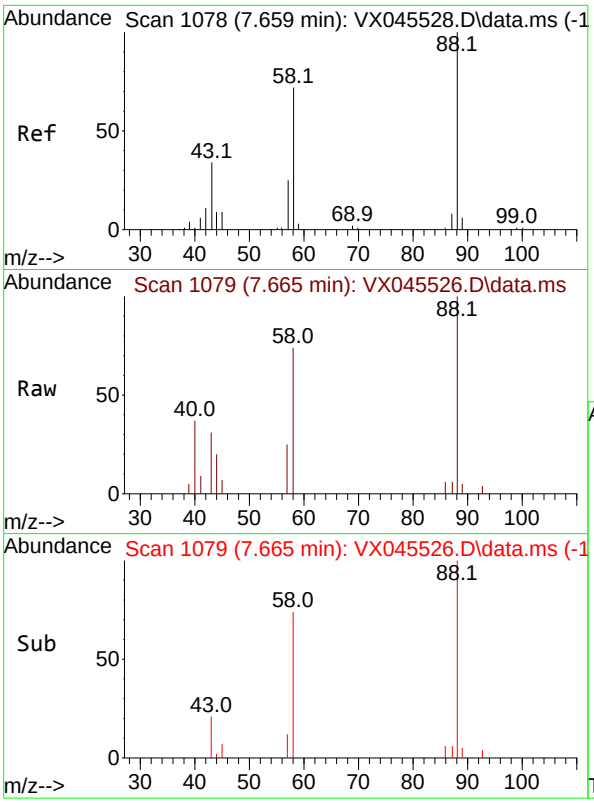


#48
Methyl methacrylate
Concen: 4.401 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 41 Resp: 6908

Ion	Ratio	Lower	Upper
41	100		
69	74.6	58.2	87.2
39	68.3	53.6	80.4

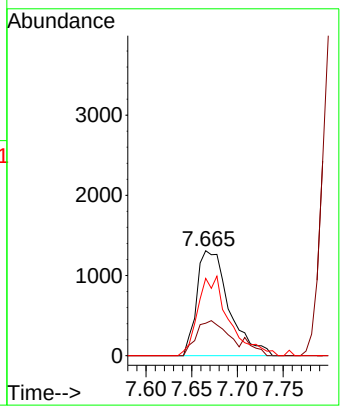




#49
1,4-Dioxane
Concen: 112.864 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 88 Resp: 320

Ion	Ratio	Lower	Upper
88	100		
43	32.4	32.2	48.4
58	72.7	58.6	88.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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Reviewed By :Amit Patel 04/02/2025
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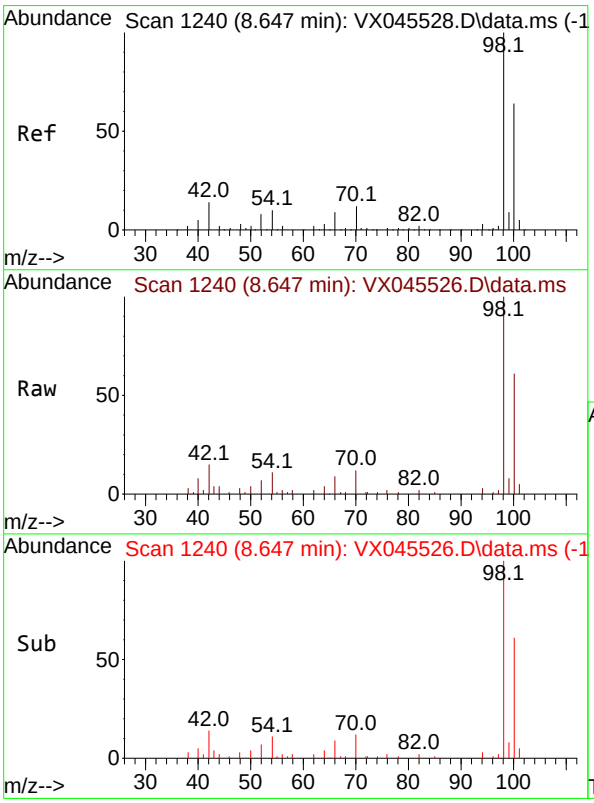
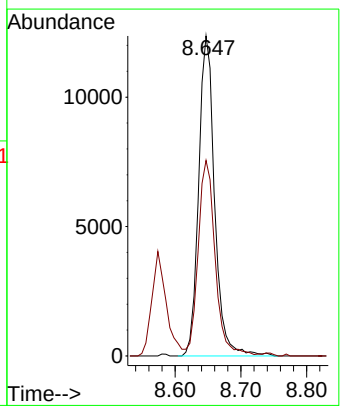
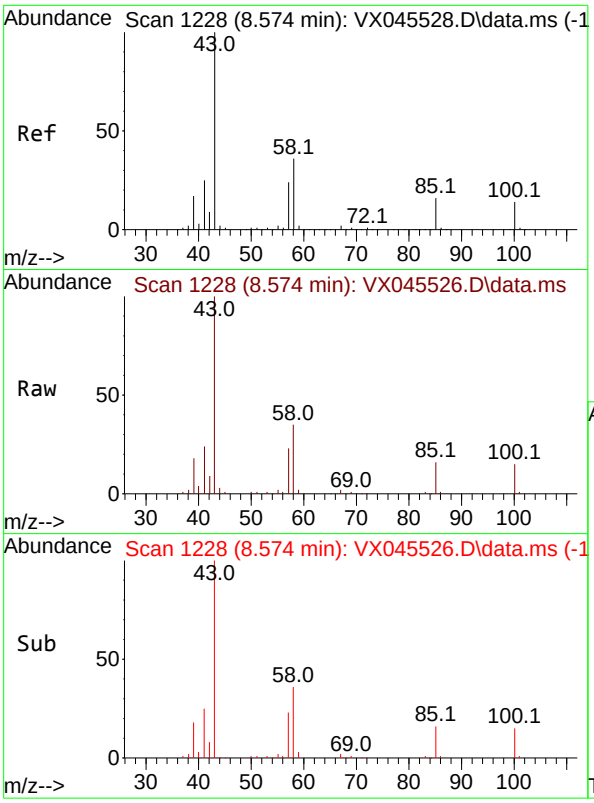


#50
Toluene-d8
Concen: 5.077 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 98 Resp: 20890

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.2	78.4

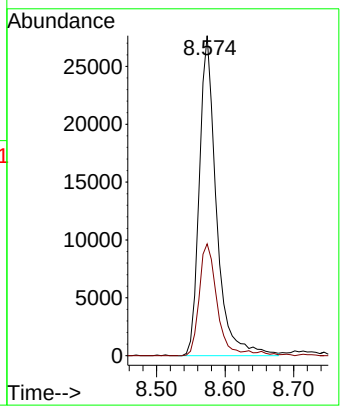




#51
4-Methyl-2-Pentanone
Concen: 23.844 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 4805

Ion	Ratio	Lower	Upper
43	100		
58	37.3	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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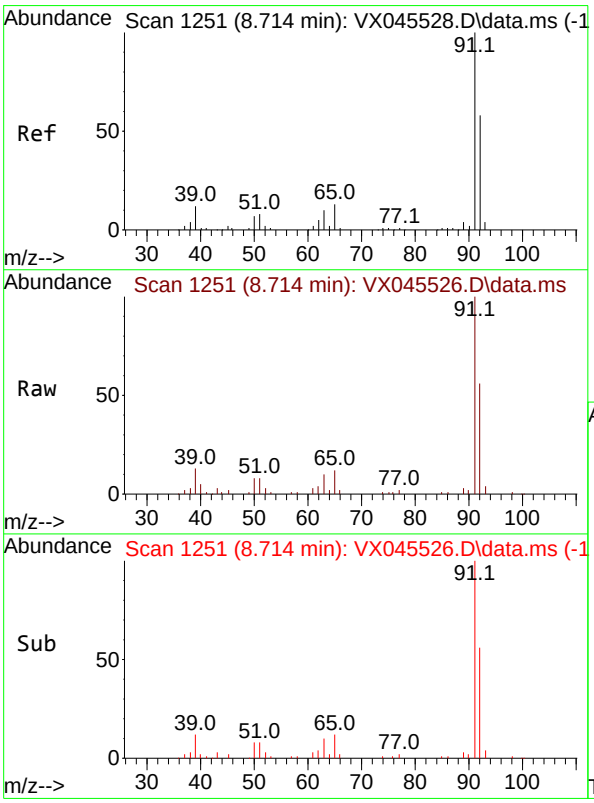
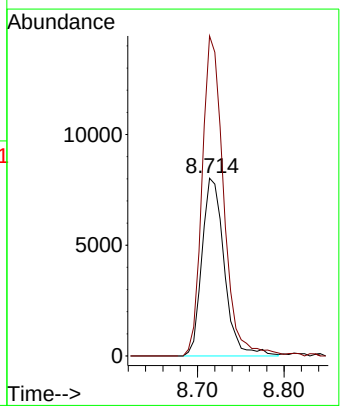
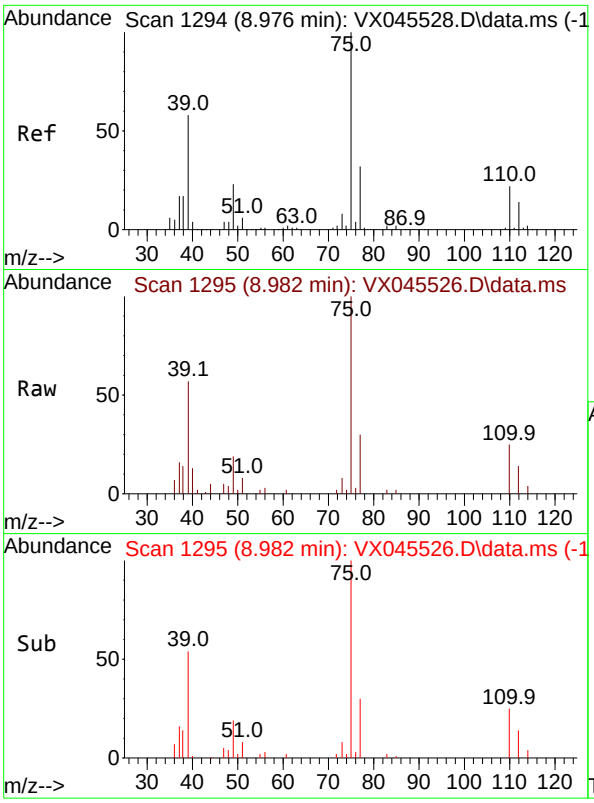


#52
Toluene
Concen: 4.893 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 92 Resp: 14391

Ion	Ratio	Lower	Upper
92	100		
91	173.1	138.7	208.1

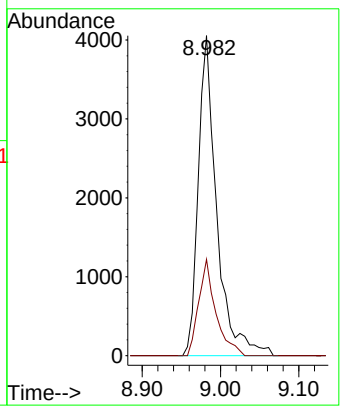




#53
t-1,3-Dichloropropene
Concen: 5.834 ug/l
RT: 8.982 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 664

Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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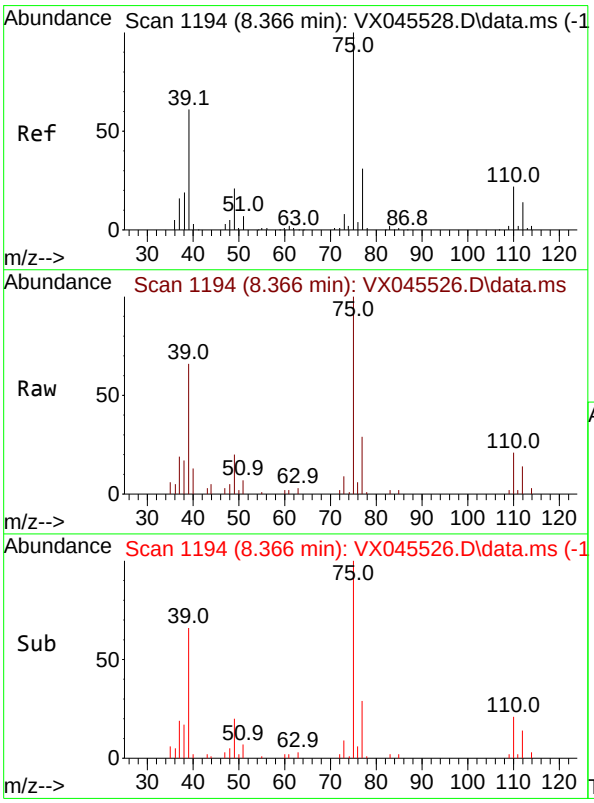
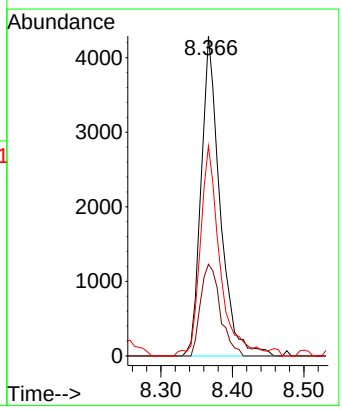
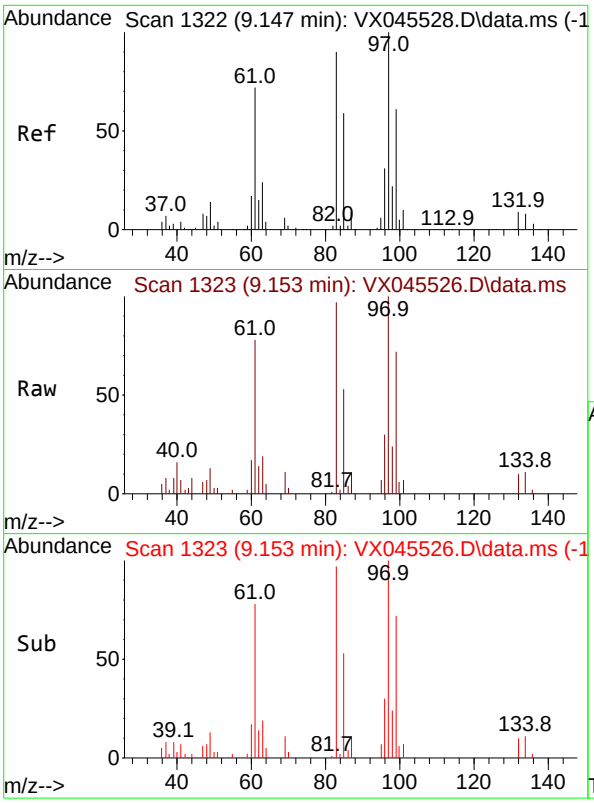


#54
cis-1,3-Dichloropropene
Concen: 4.506 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 7873

Ion	Ratio	Lower	Upper
75	100		
77	28.6	24.6	36.8
39	64.4	48.4	72.6

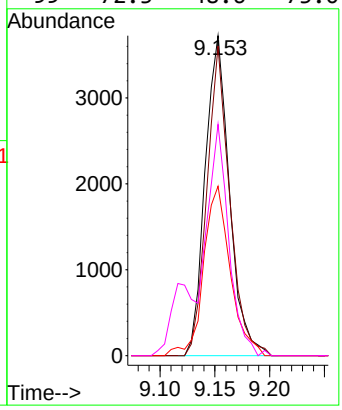




#55
1,1,2-Trichloroethane
Concen: 4.898 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 97 Resp: 574

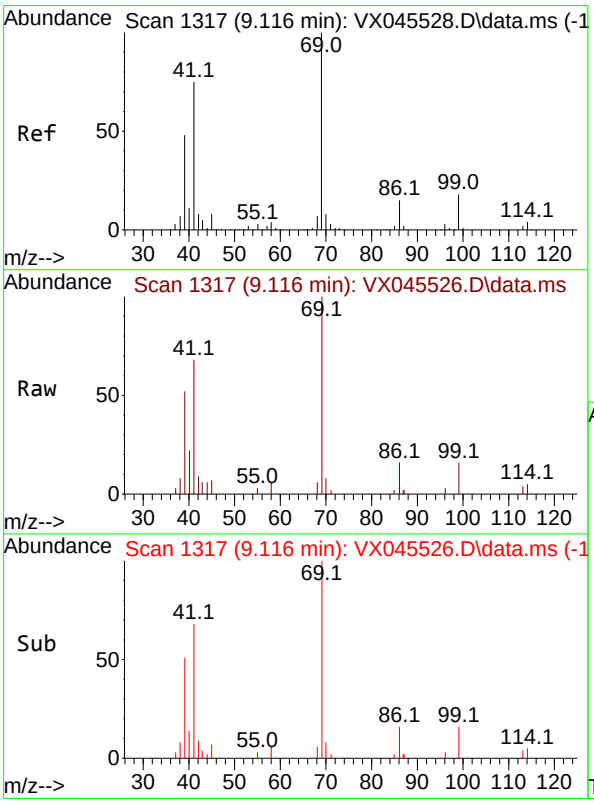
Ion	Ratio	Lower	Upper
97	100		
83	96.8	71.8	107.8
85	52.9	47.0	70.6
99	72.3	48.6	73.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

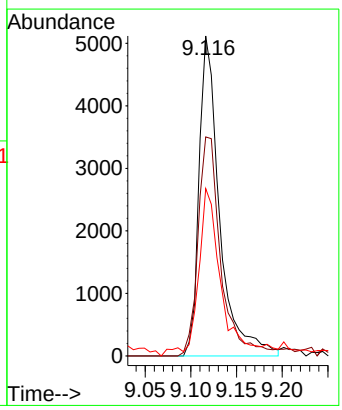
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

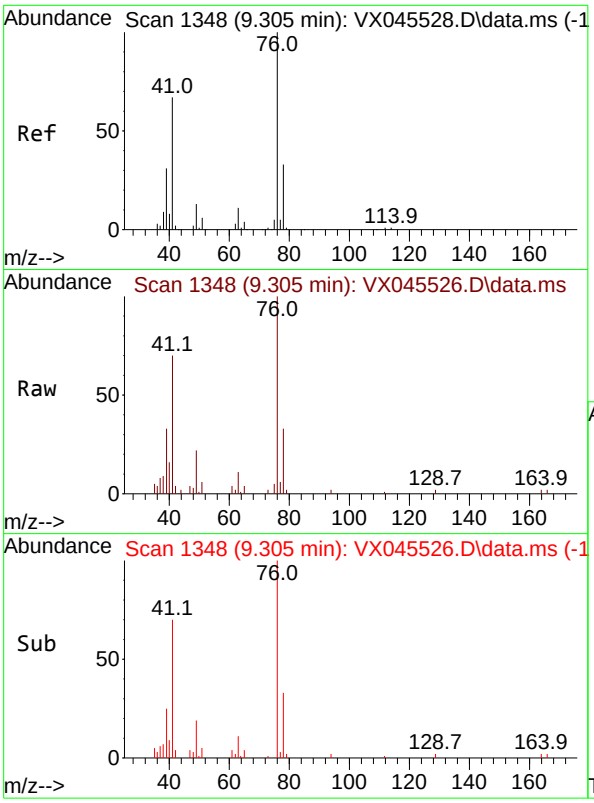


#56
Ethyl methacrylate
Concen: 4.417 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 69 Resp: 8012

Ion	Ratio	Lower	Upper
69	100		
41	75.8	61.3	91.9
39	58.5	40.2	60.2

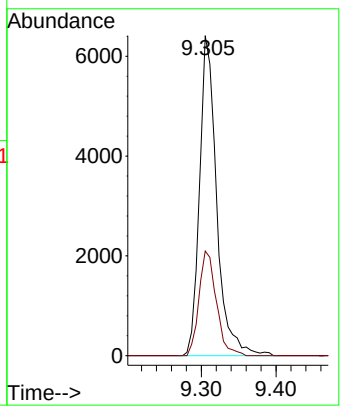




#57
1,3-Dichloropropane
Concen: 5.002 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 76 Resp: 1020

Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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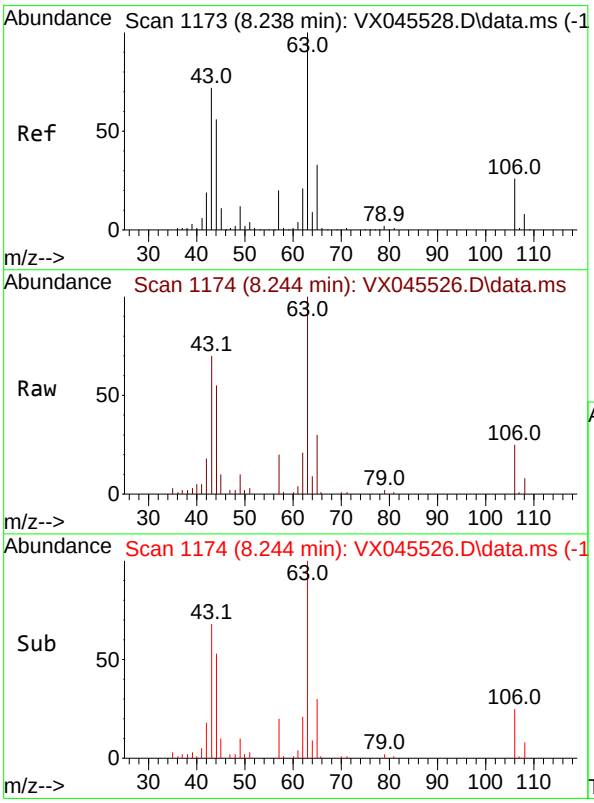
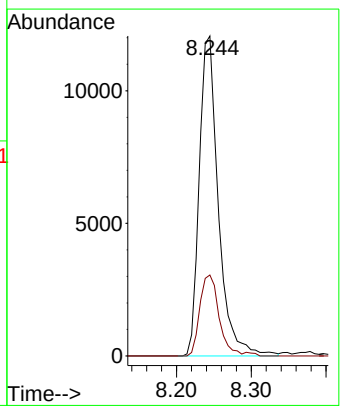
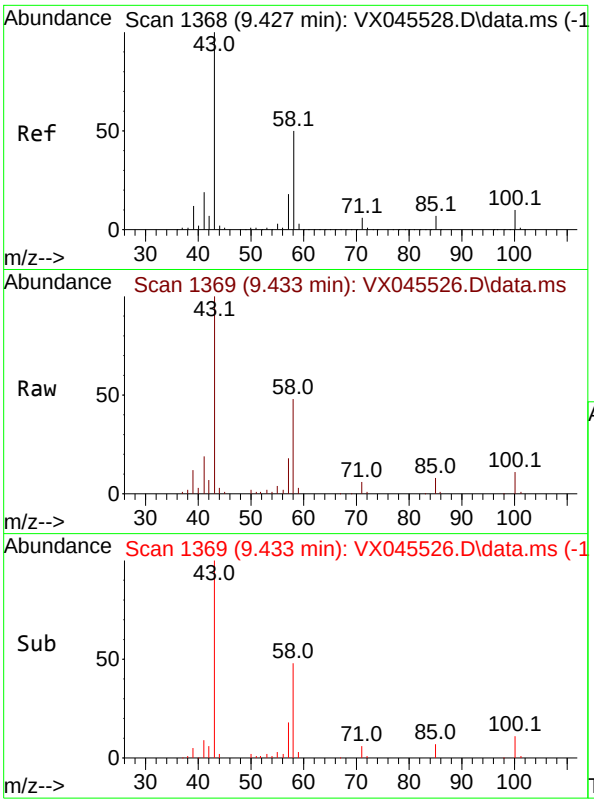


#58
2-Chloroethyl Vinyl ether
Concen: 23.302 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 63 Resp: 21382

Ion	Ratio	Lower	Upper
63	100		
106	25.8	21.0	31.6

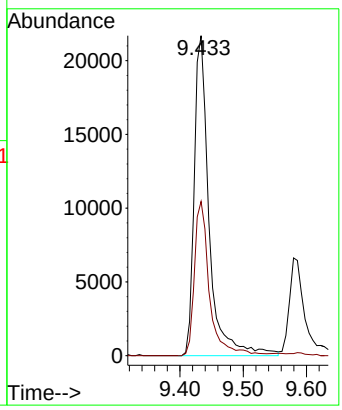




#59
2-Hexanone
Concen: 23.875 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 3562

Ion	Ratio	Lower	Upper
43	100		
58	48.7	24.9	74.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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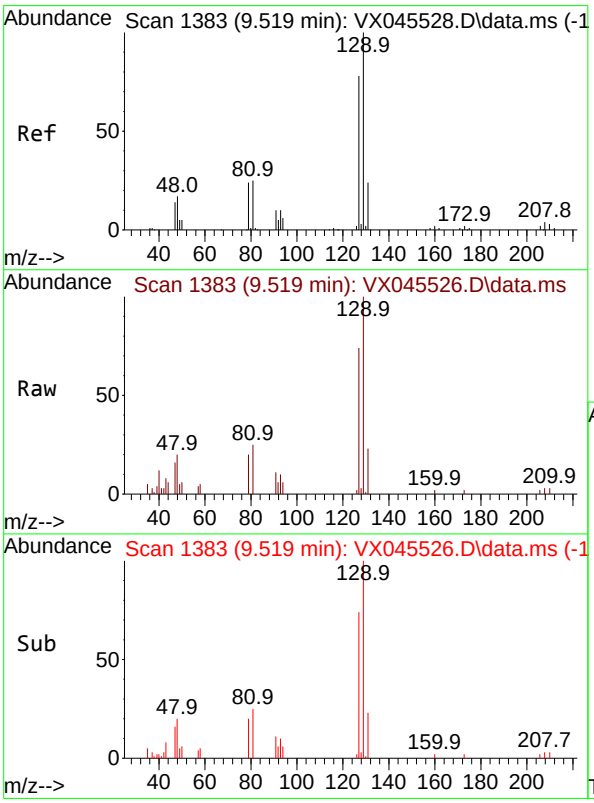
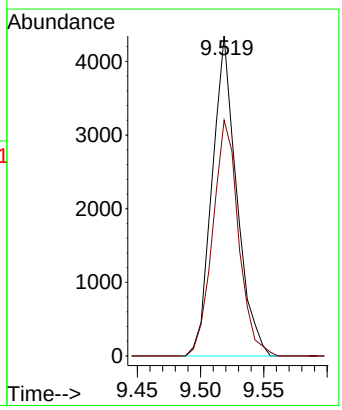
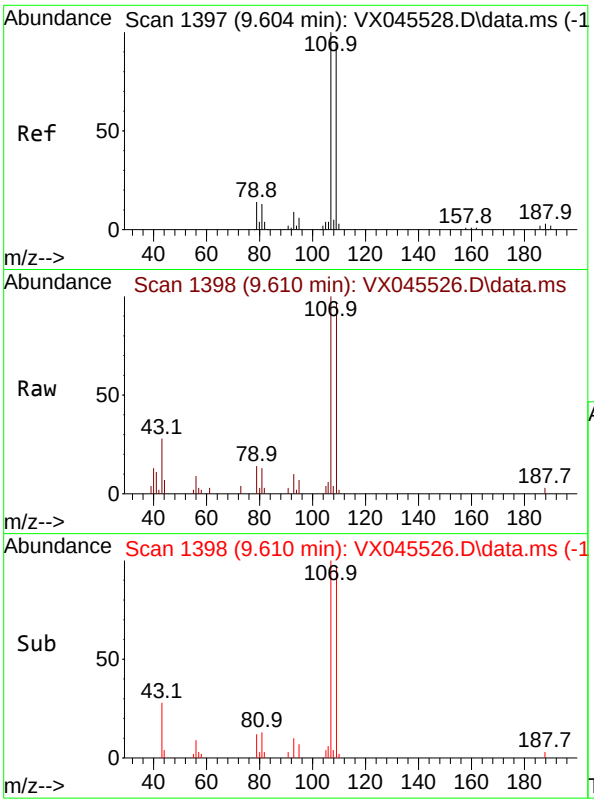


#60
Dibromochloromethane
Concen: 4.582 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:129 Resp: 5855

Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.4	118.2

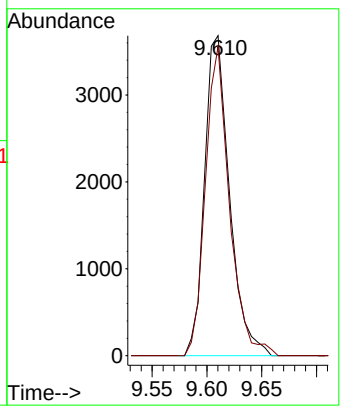




#61
1,2-Dibromoethane
Concen: 4.920 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:107 Resp: 583

Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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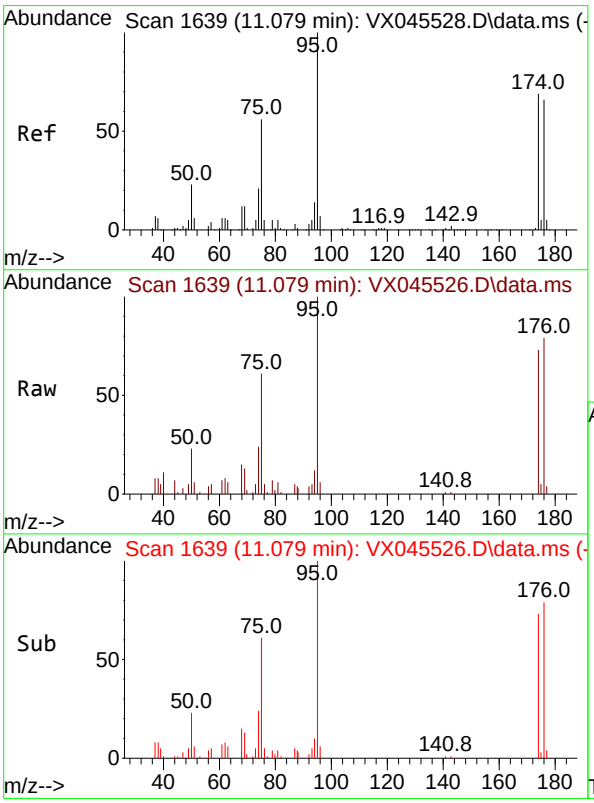
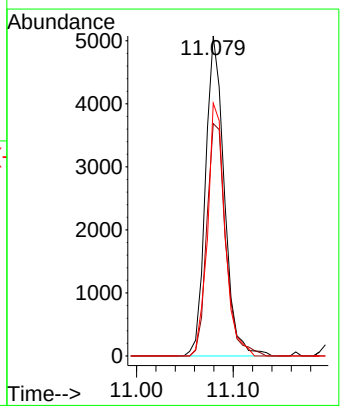
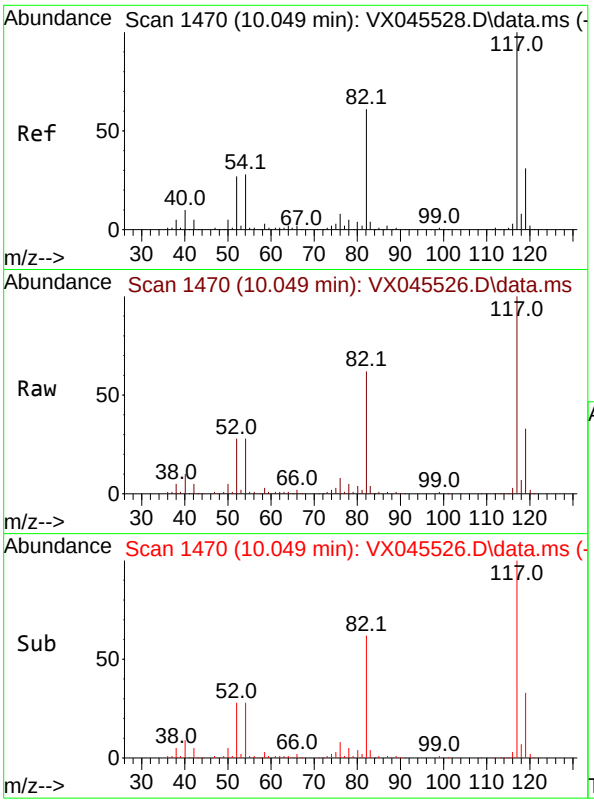


#62
4-Bromofluorobenzene
Concen: 4.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 95 Resp: 6867

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	135.8
176	73.3	0.0	131.4

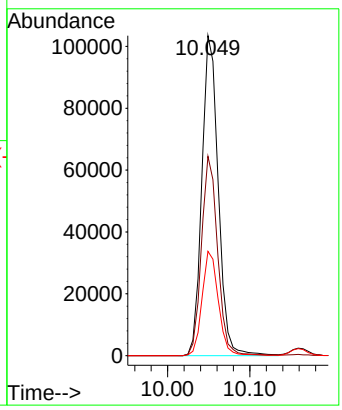




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:117 Resp: 14393

Ion	Ratio	Lower	Upper
117	100		
82	62.3	49.2	73.8
119	32.6	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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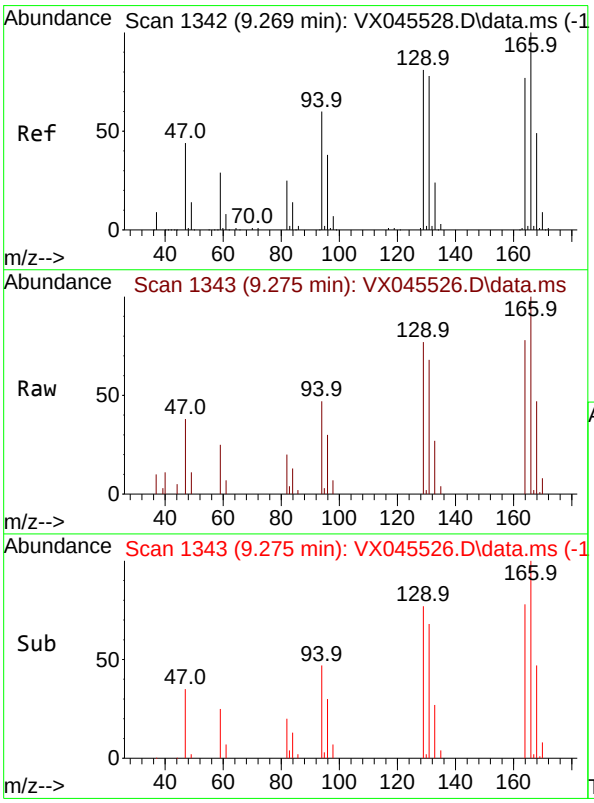
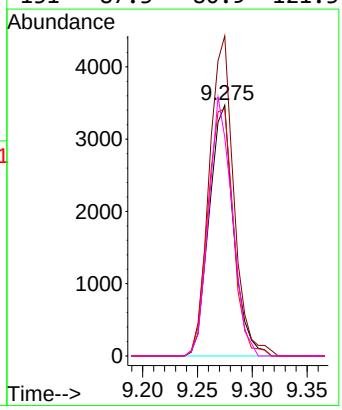
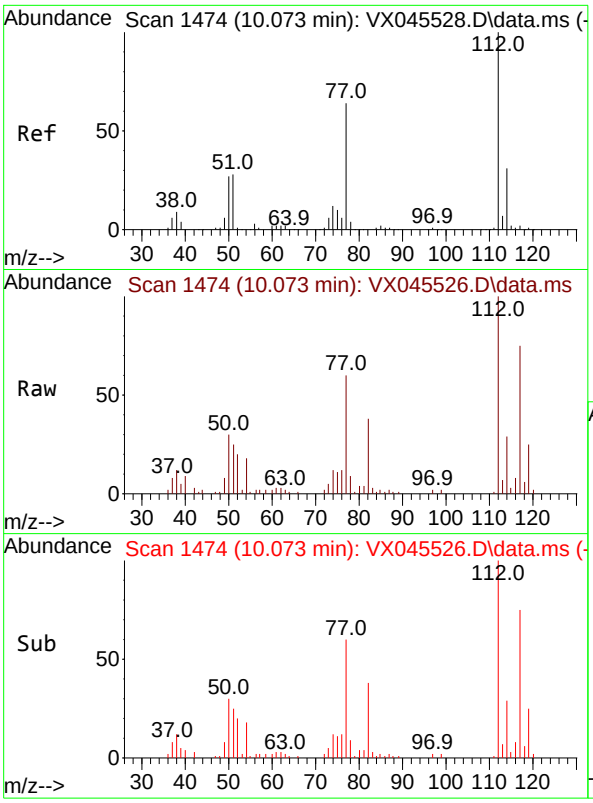


#64
Tetrachloroethene
Concen: 5.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:164 Resp: 5373

Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.8	155.8
129	98.6	84.3	126.5
131	87.3	80.9	121.3





#65
Chlorobenzene
Concen: 4.935 ug/l
RT: 10.073 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

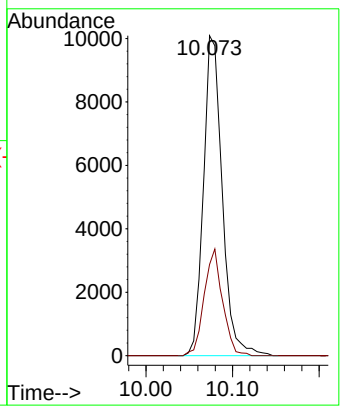
Tgt Ion:112 Resp: 1517

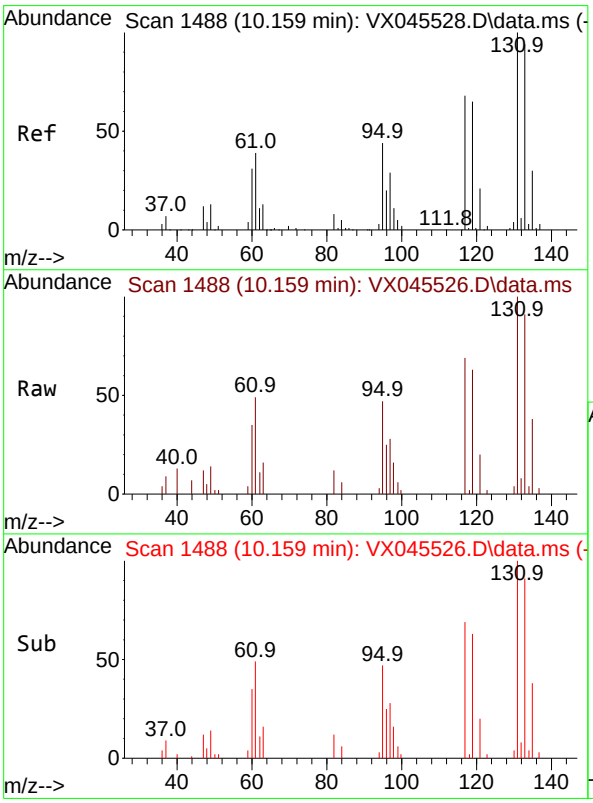
Ion	Ratio	Lower	Upper
112	100		
114	28.5	24.7	37.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

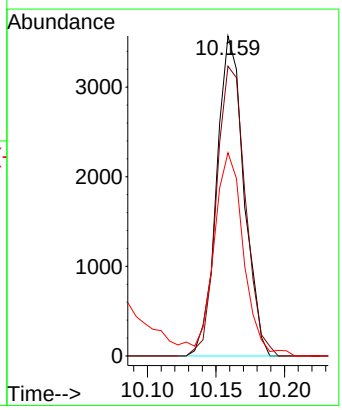


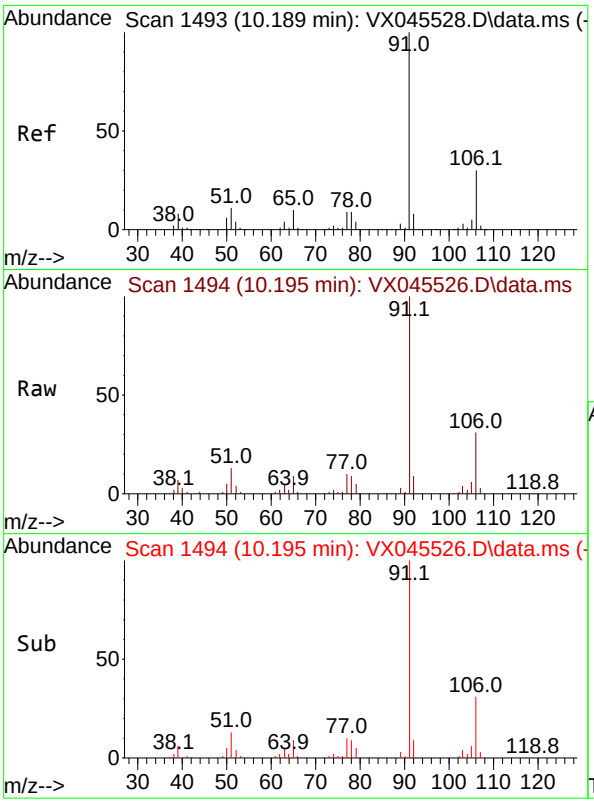


#66
1,1,1,2-Tetrachloroethane
Concen: 4.631 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:131 Resp: 4945

Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.5	142.5
119	70.0	32.9	98.6





#67
Ethyl Benzene
Concen: 4.753 ug/l
RT: 10.195 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

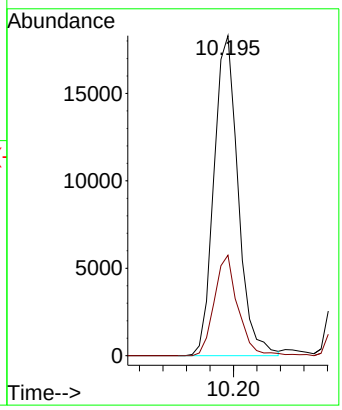
Tgt Ion: 91 Resp: 2618

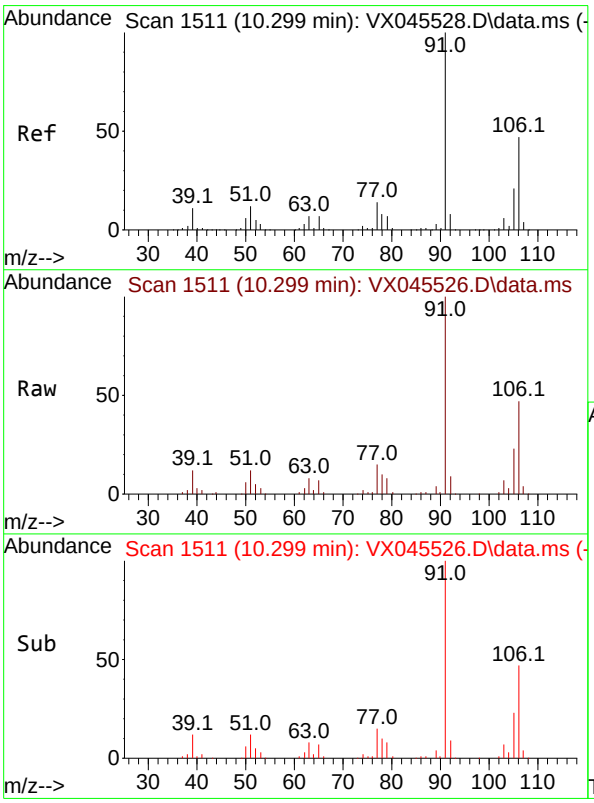
Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.7	35.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

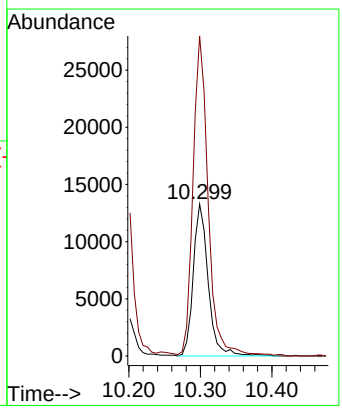


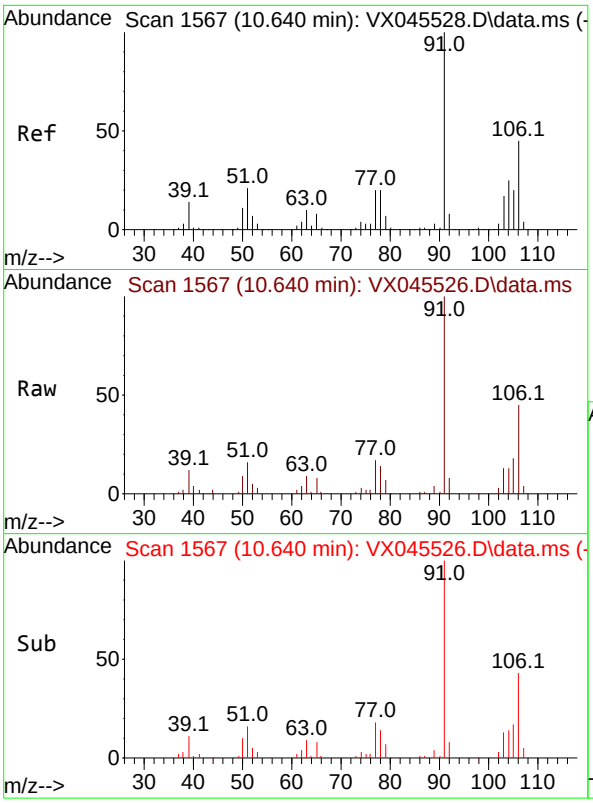


#68
m/p-Xylenes
Concen: 9.617 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:106 Resp: 19268

Ion	Ratio	Lower	Upper
106	100		
91	213.6	172.6	258.8

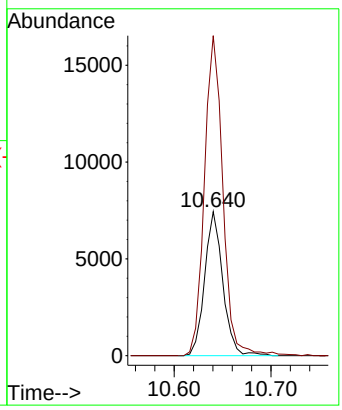




#69
o-Xylene
Concen: 4.932 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:106 Resp: 973

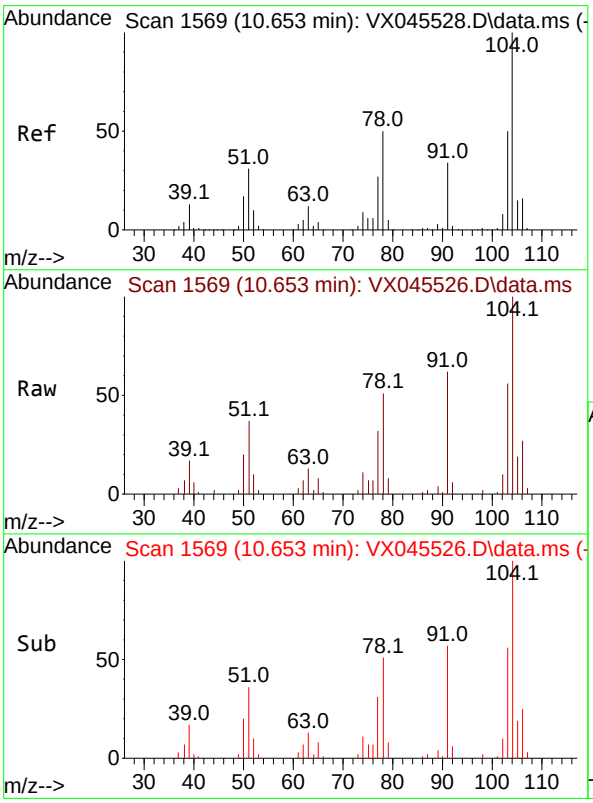
Ion	Ratio	Lower	Upper
106	100		
91	225.8	113.6	340.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

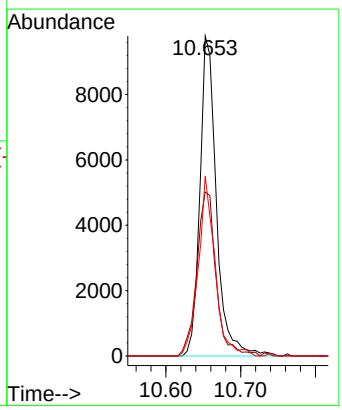
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

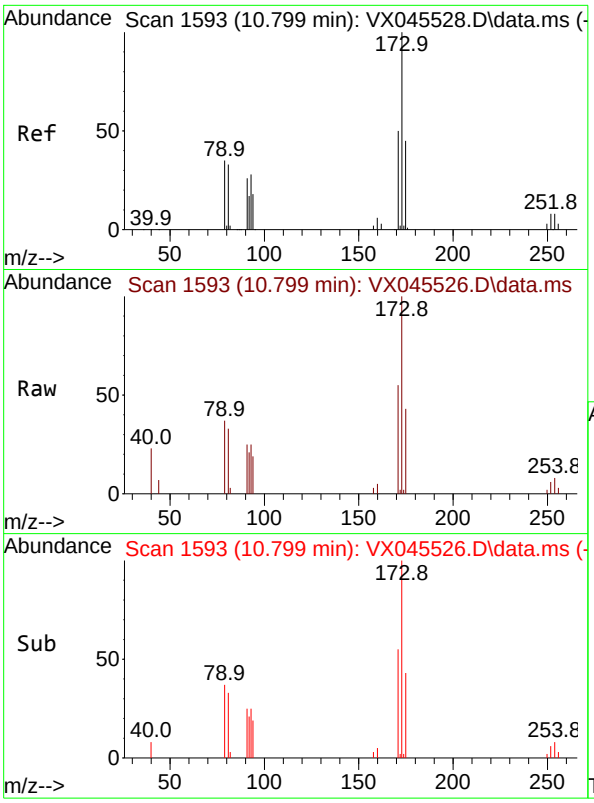


#70
Styrene
Concen: 4.610 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:104 Resp: 15017

Ion	Ratio	Lower	Upper
104	100		
78	59.8	45.4	68.2
103	57.1	43.8	65.8





#71
Bromoform
Concen: 4.558 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:173 Resp: 363

Ion	Ratio	Lower	Upper
173	100		
175	43.7	23.4	70.2
254	0.0	0.0	0.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
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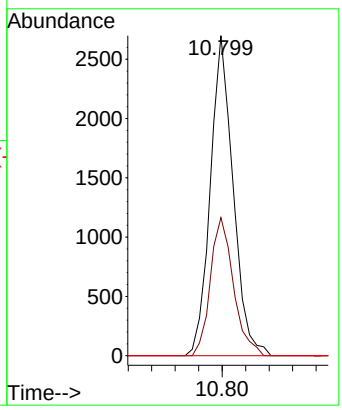
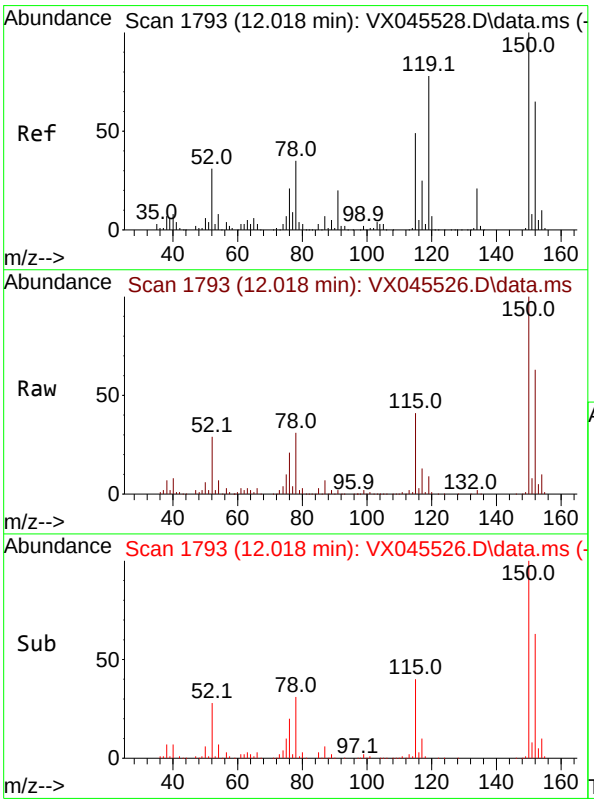
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

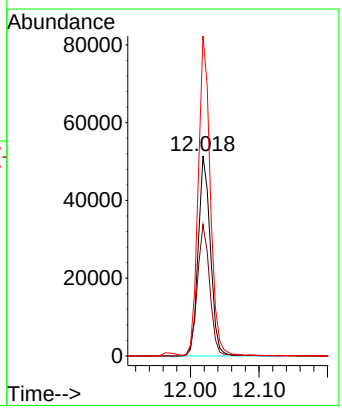


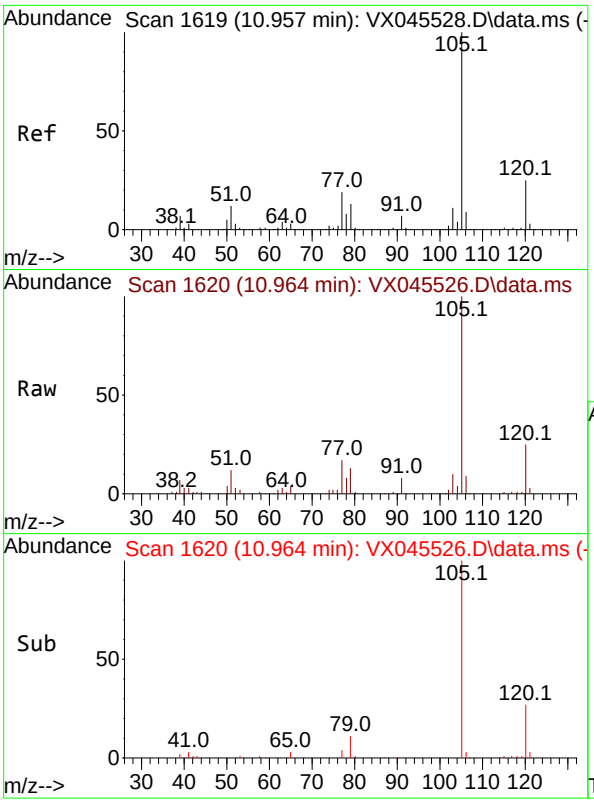


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:152 Resp: 63909

Ion	Ratio	Lower	Upper
152	100		
115	66.5	46.9	140.7
150	157.5	0.0	349.4





#73
Isopropylbenzene
Concen: 4.806 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:105 Resp: 2460

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.7	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

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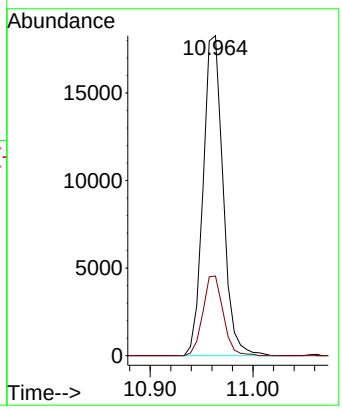
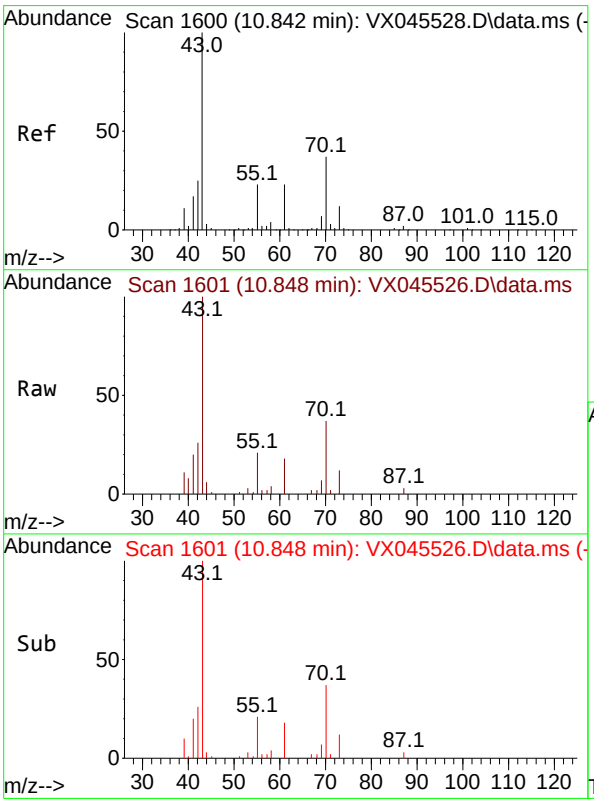
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

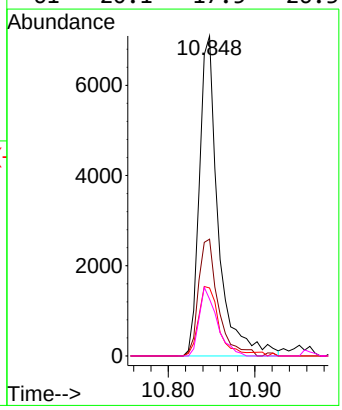


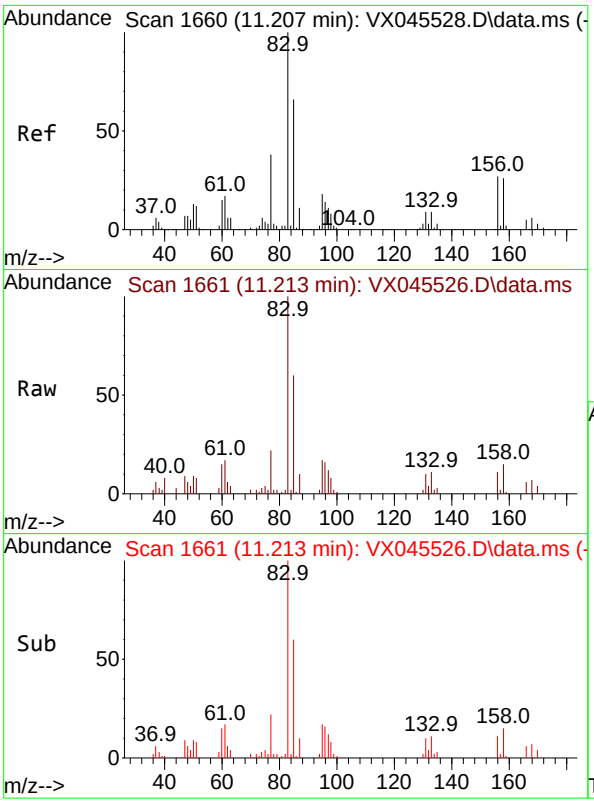


#74
N-amyl acetate
Concen: 4.390 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 43 Resp: 10750

Ion	Ratio	Lower	Upper
43	100		
70	37.8	30.1	45.1
55	23.0	18.3	27.5
61	20.1	17.5	26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 5.075 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

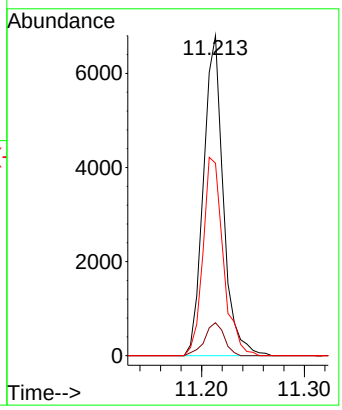
Tgt Ion: 83 Resp: 912

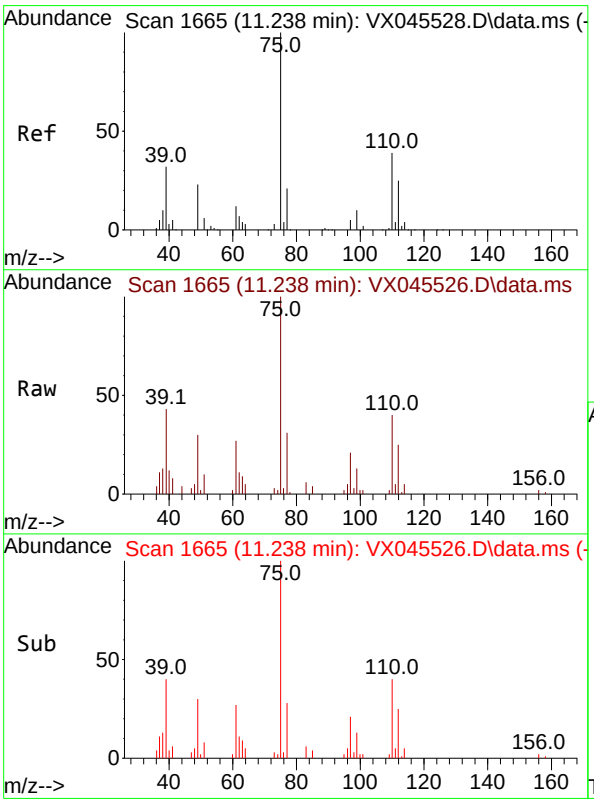
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.7	14.1
85	63.5	32.4	97.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

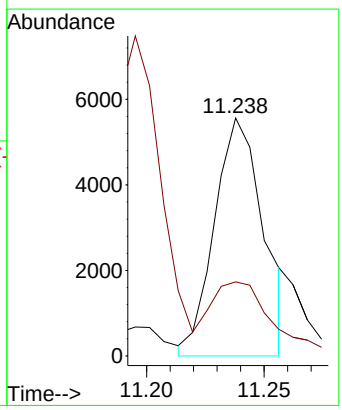


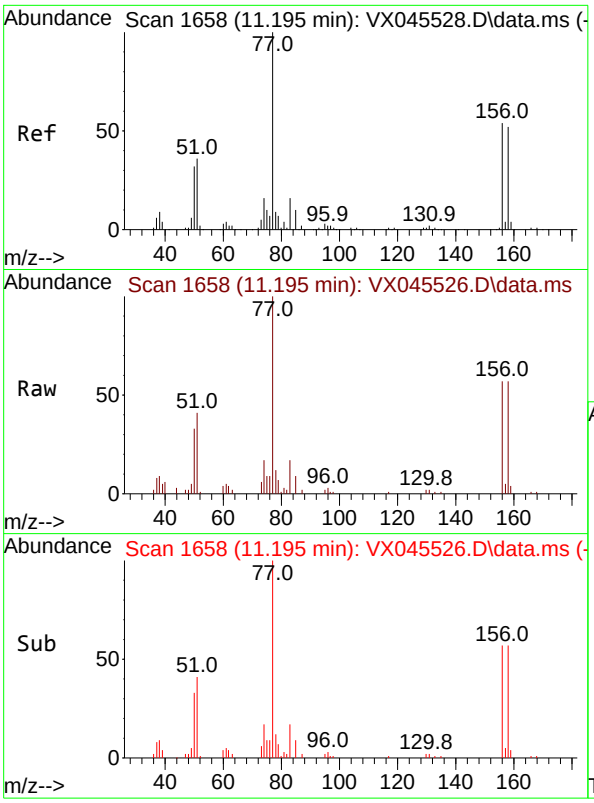


#76
1,2,3-Trichloropropane
Concen: 5.152 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 8032

Ion	Ratio	Lower	Upper
75	100		
77	40.2	20.0	59.9

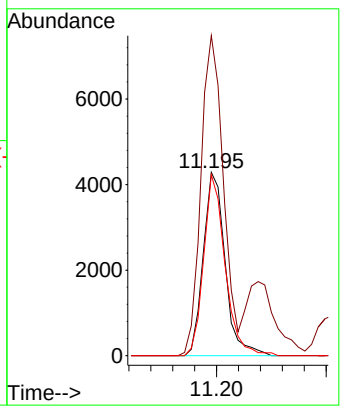




#77
Bromobenzene
Concen: 5.011 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:156 Resp: 592

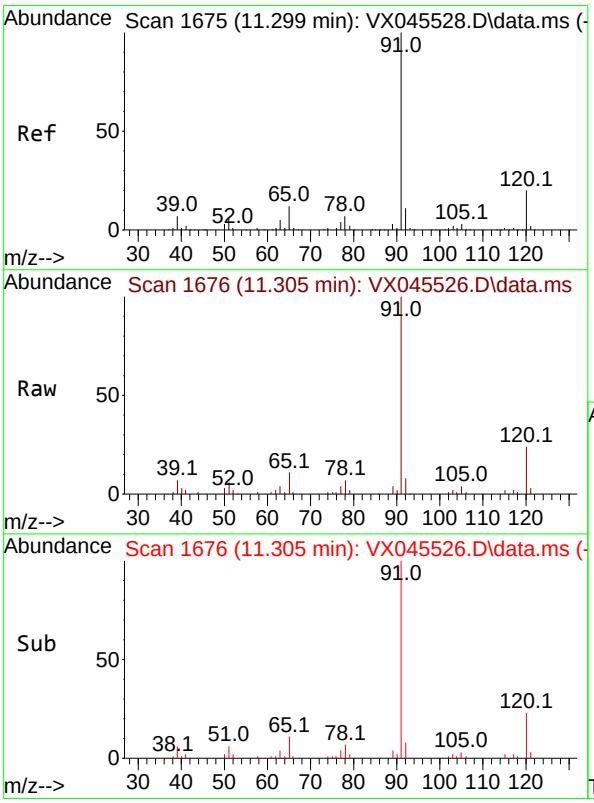
Ion	Ratio	Lower	Upper
156	100		
77	178.8	92.6	277.8
158	97.0	48.1	144.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

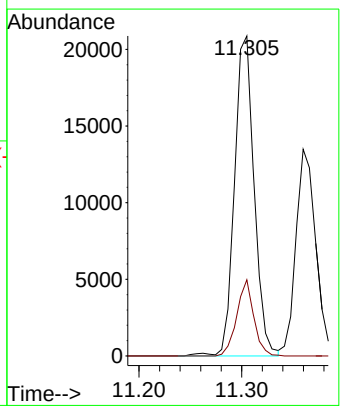
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

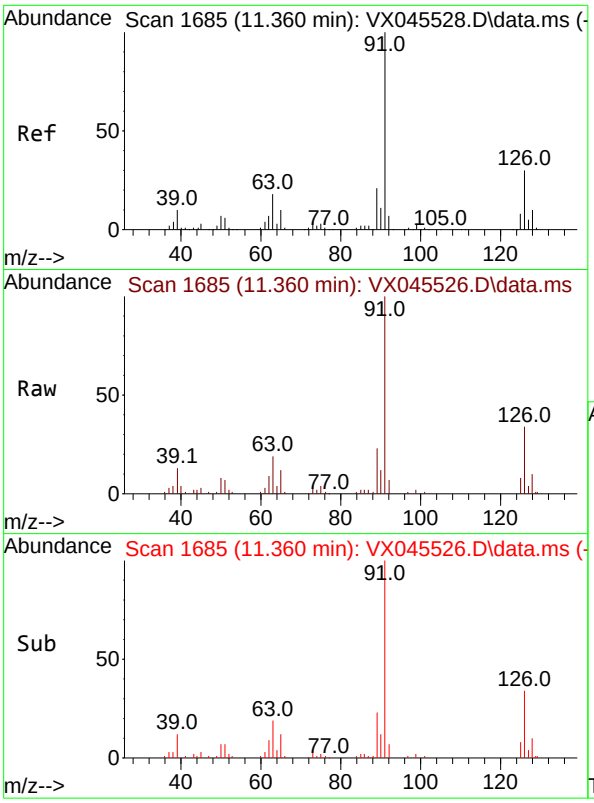


#78
n-propylbenzene
Concen: 4.711 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 91 Resp: 27777

Ion	Ratio	Lower	Upper
91	100		
120	20.6	10.8	32.3





#79
2-Chlorotoluene
Concen: 4.870 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

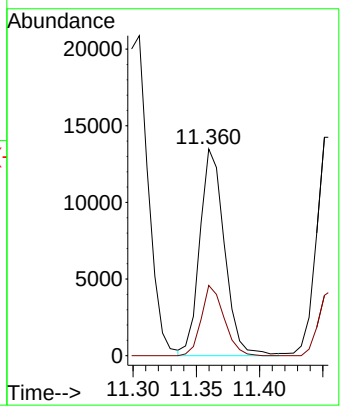
Tgt Ion: 91 Resp: 1835

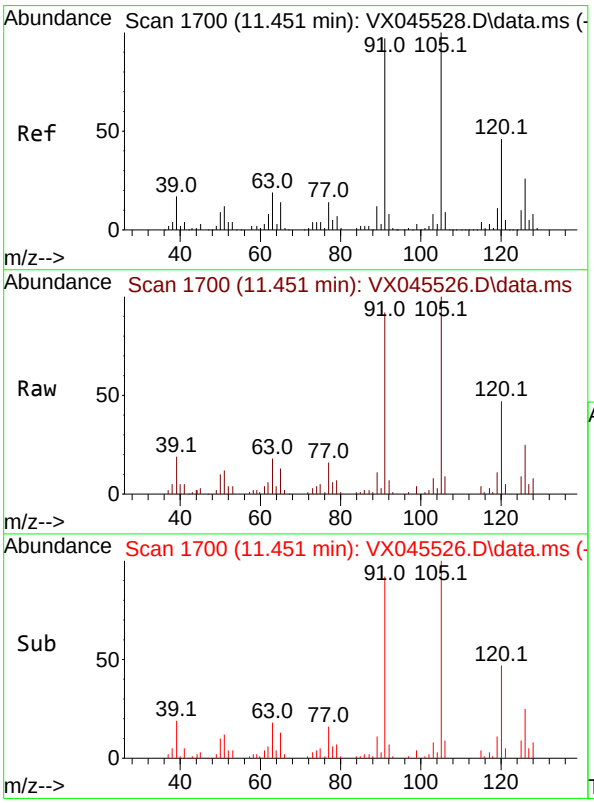
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

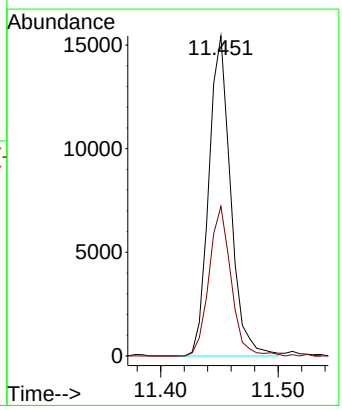


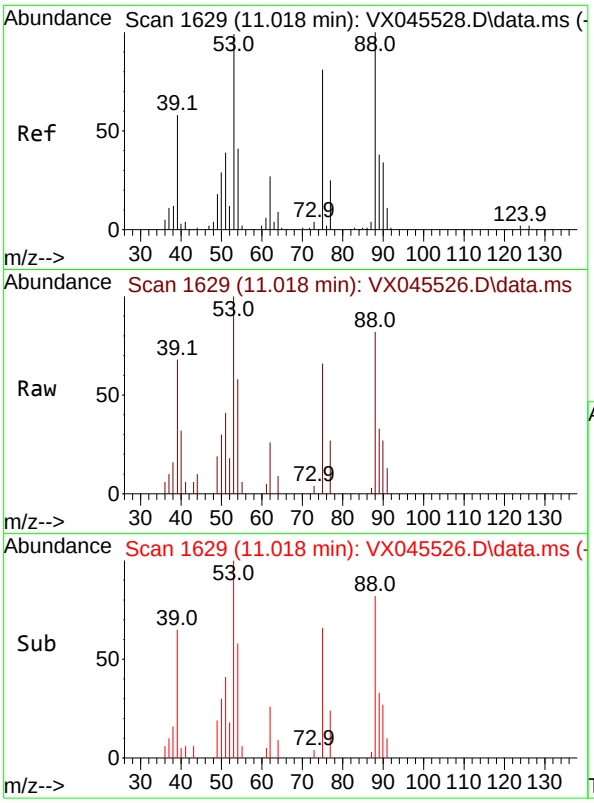


#80
1,3,5-Trimethylbenzene
Concen: 4.710 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:105 Resp: 19936

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.0	69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 3.814 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 175

Ion	Ratio	Lower	Upper
75	100		
53	149.1	101.8	152.6
89	43.1	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
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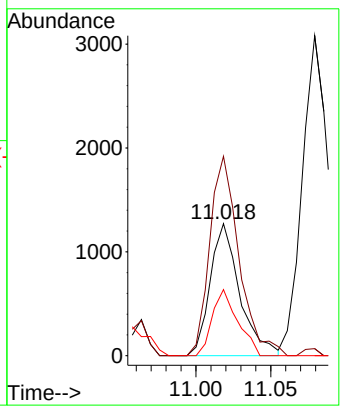
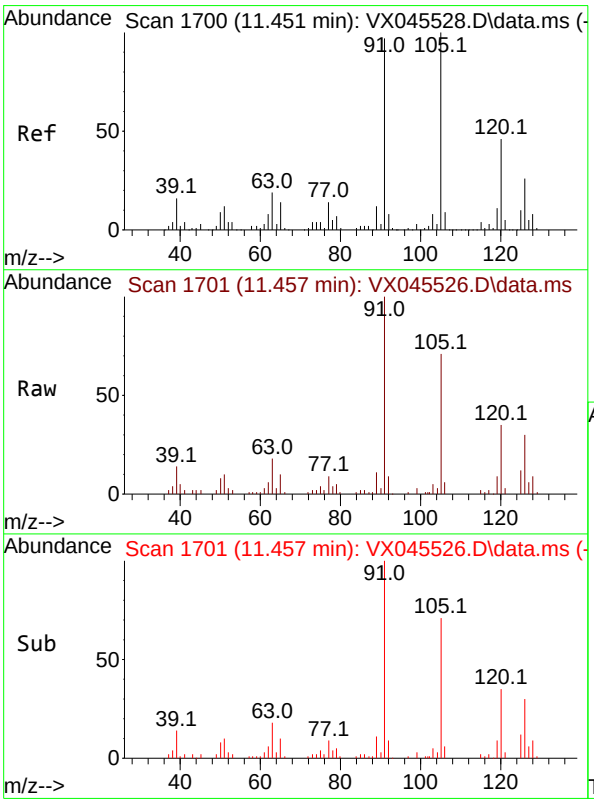
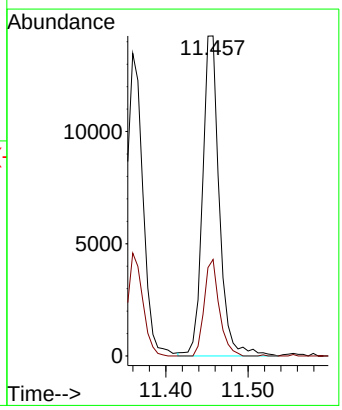


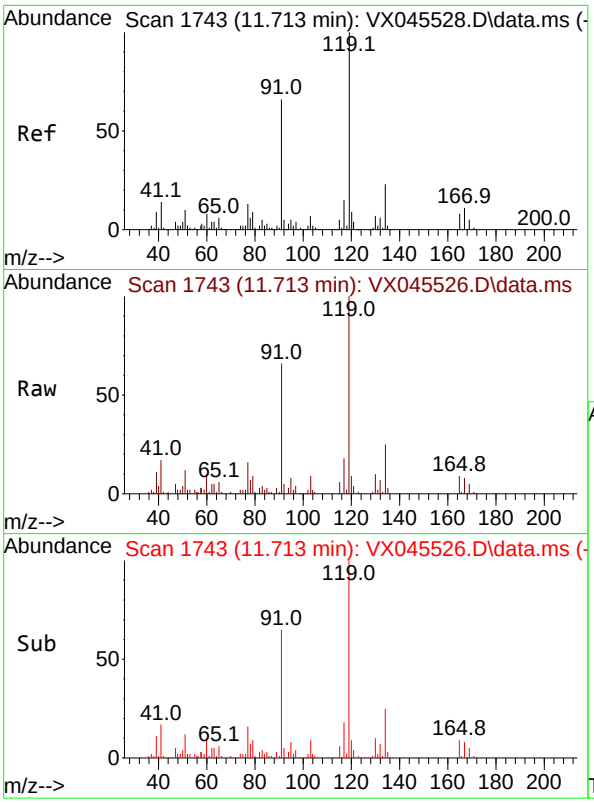


#82
4-Chlorotoluene
Concen: 4.799 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 91 Resp: 20171

Ion	Ratio	Lower	Upper
91	100		
126	27.2	13.3	39.9

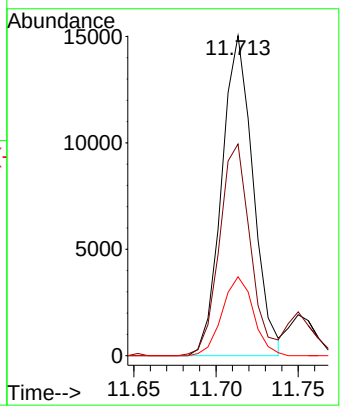




#83
tert-Butylbenzene
Concen: 4.763 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:119 Resp: 1996

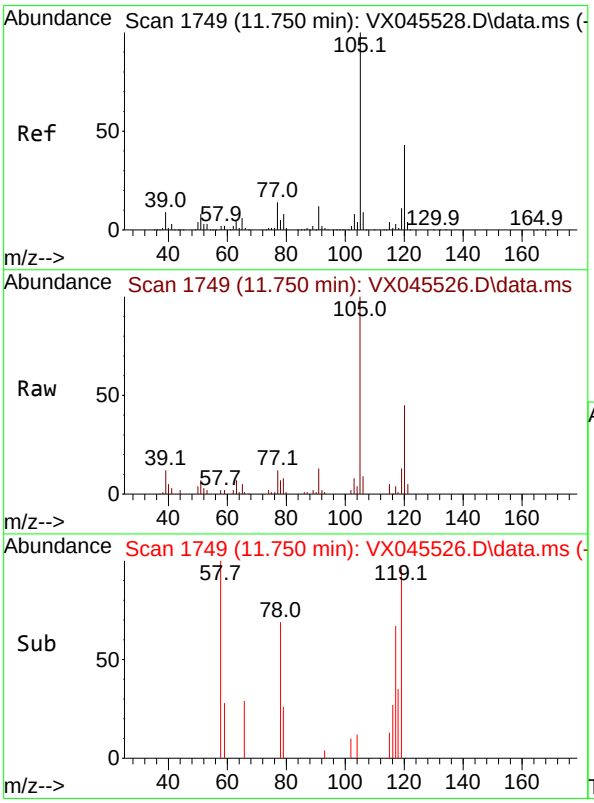
Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.4	97.2
134	24.6	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

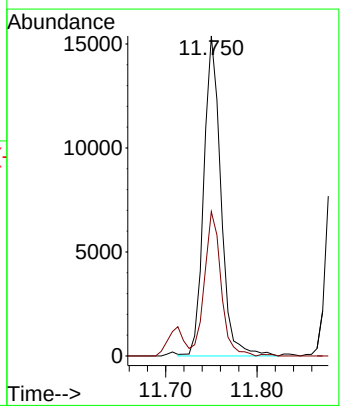
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

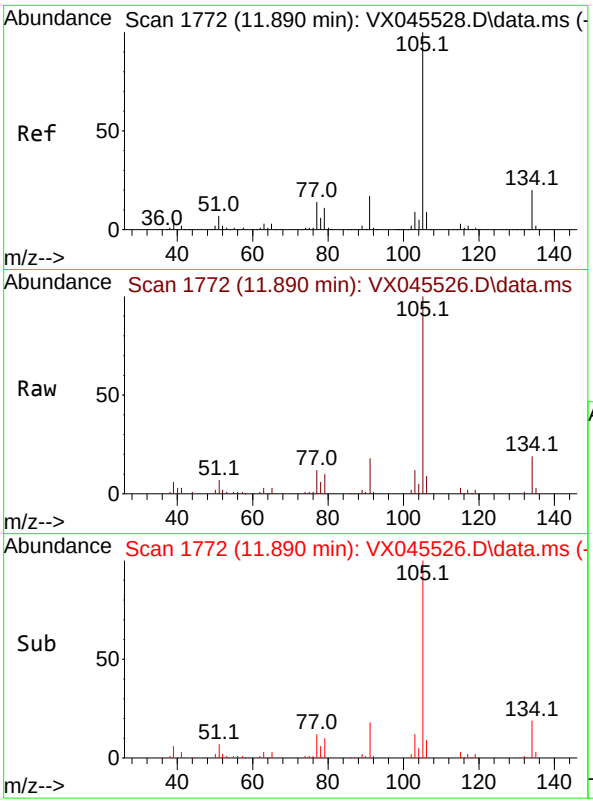


#84
1,2,4-Trimethylbenzene
Concen: 4.707 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:105 Resp: 19998

Ion	Ratio	Lower	Upper
105	100		
120	43.5	21.4	64.3





#85
sec-Butylbenzene
Concen: 4.753 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

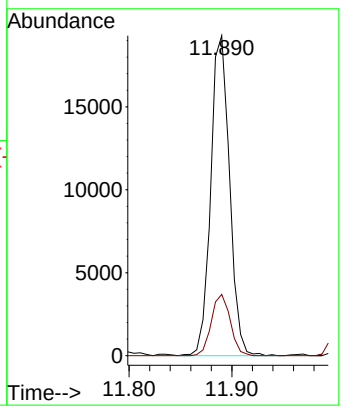
Tgt Ion:105 Resp: 2446

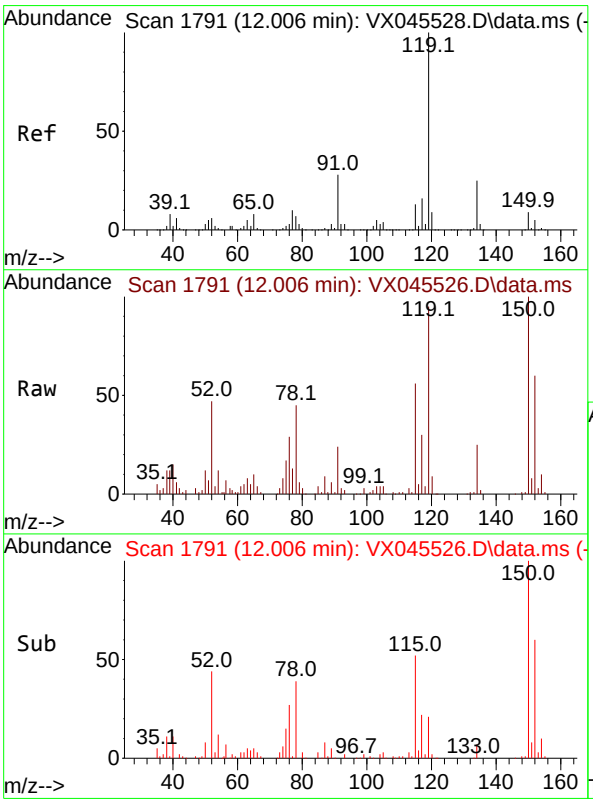
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.6	28.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

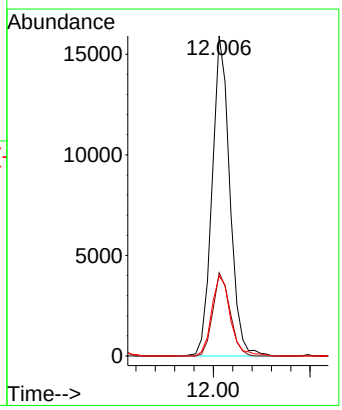


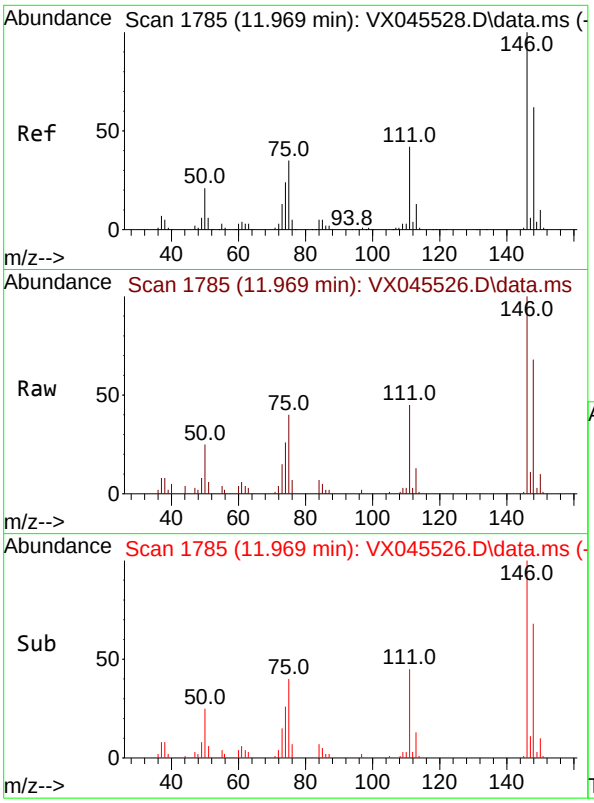


#86
p-Isopropyltoluene
Concen: 4.755 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:119 Resp: 20178

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.8
91	26.4	13.7	41.1

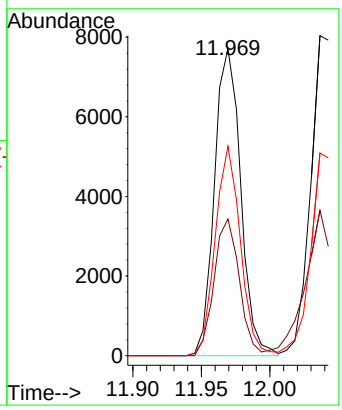




#87
1,3-Dichlorobenzene
Concen: 4.763 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:146 Resp: 1025

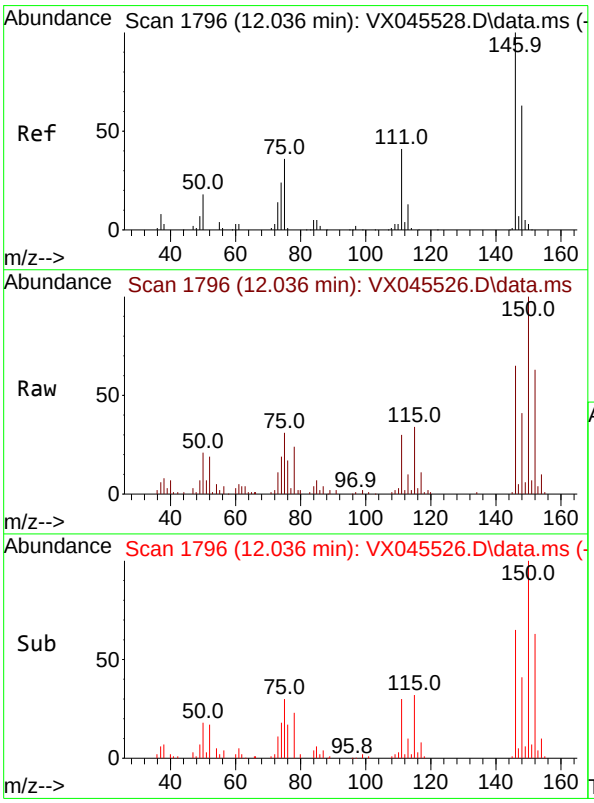
Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.2	66.6
148	65.7	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

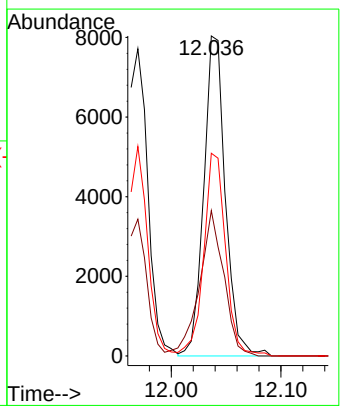
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

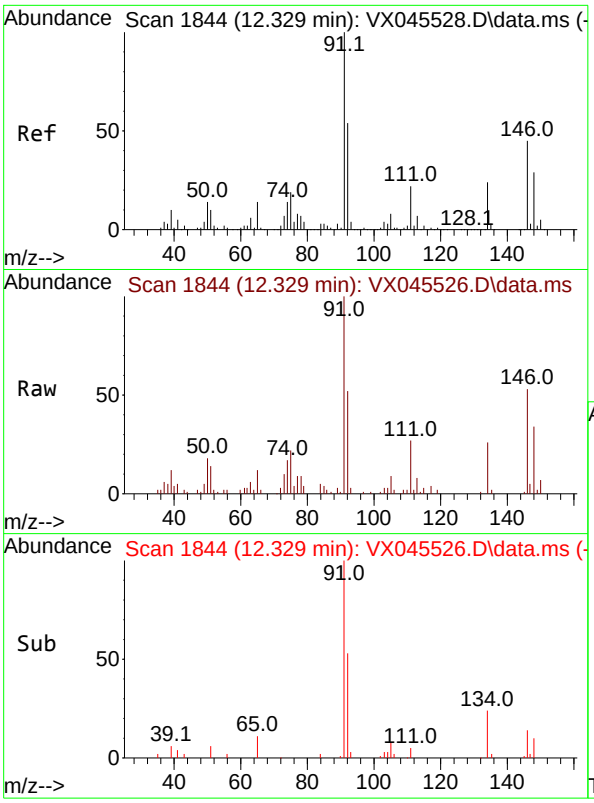


#88
1,4-Dichlorobenzene
Concen: 5.047 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:146 Resp: 11016

Ion	Ratio	Lower	Upper
146	100		
111	51.4	20.9	62.8
148	64.2	31.5	94.5

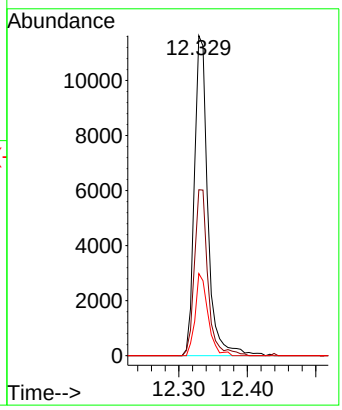




#89
n-Butylbenzene
Concen: 4.317 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 91 Resp: 1588

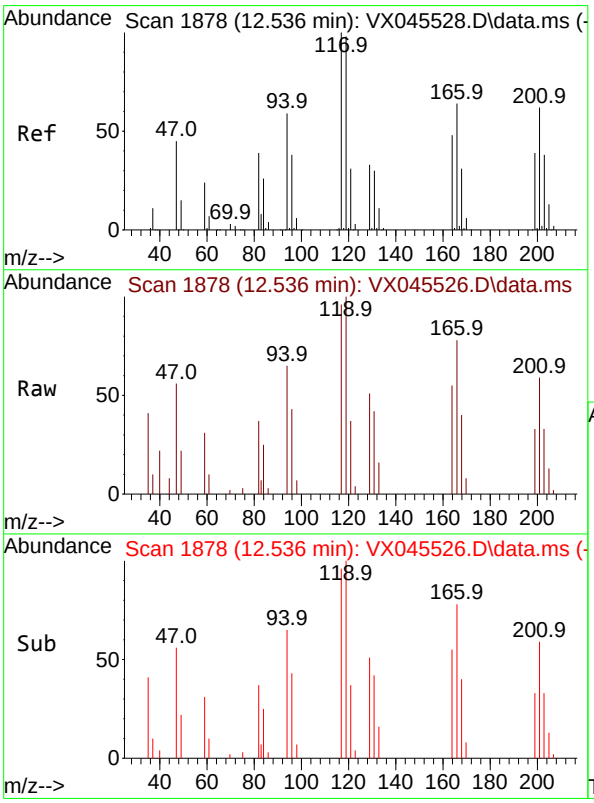
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.9	80.6
134	24.4	11.9	35.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

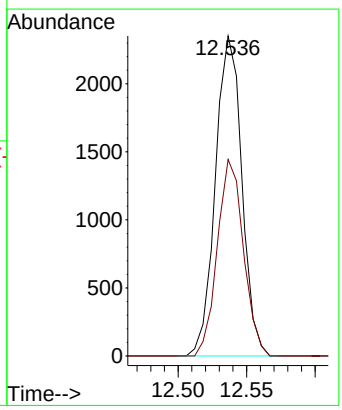
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

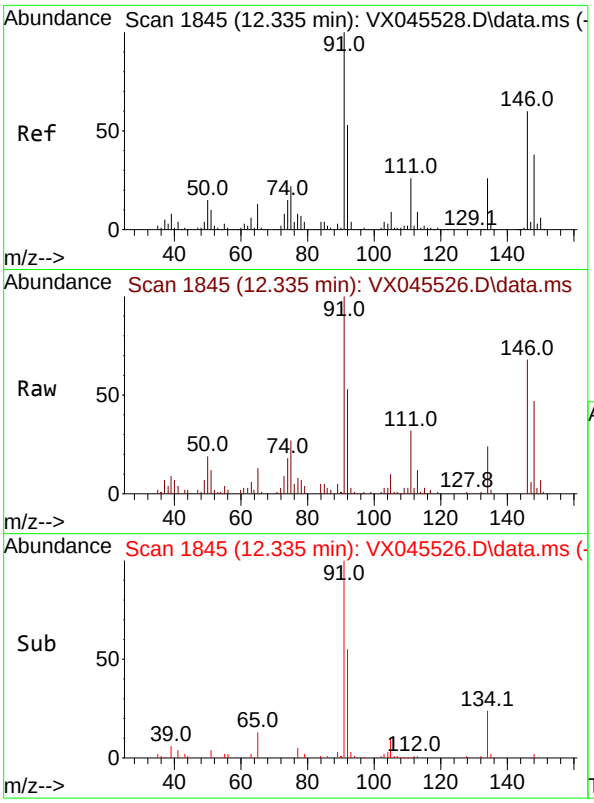


#90
Hexachloroethane
Concen: 4.320 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:117 Resp: 3151

Ion	Ratio	Lower	Upper
117	100		
201	60.6	31.2	93.6

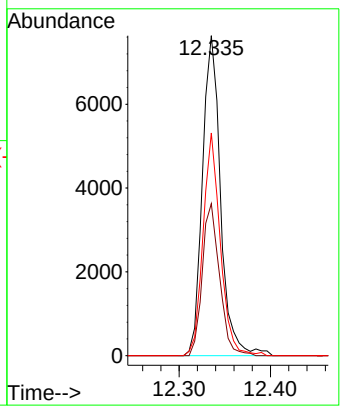




#91
1,2-Dichlorobenzene
Concen: 4.910 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:146 Resp: 1051

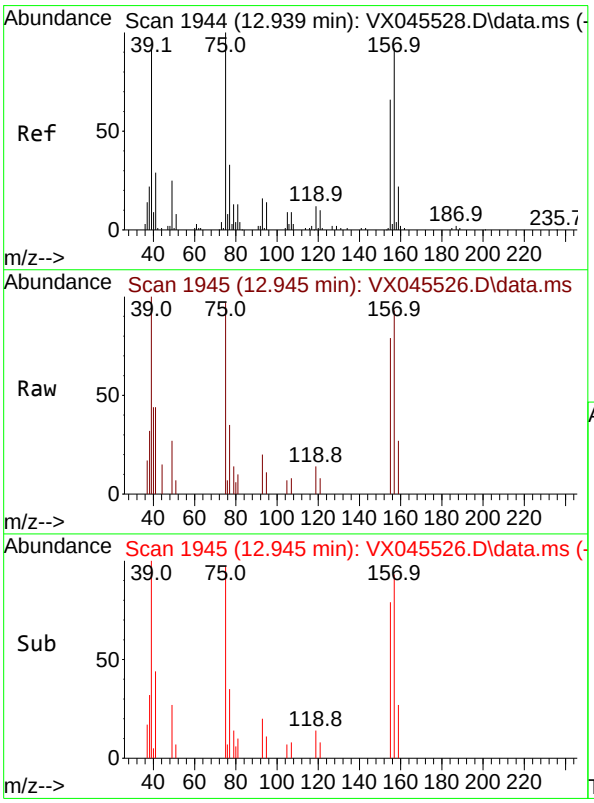
Ion	Ratio	Lower	Upper
146	100		
111	45.2	22.9	68.8
148	66.3	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

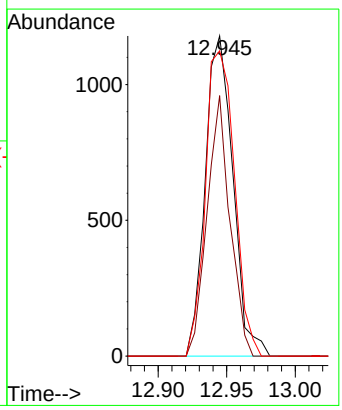
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

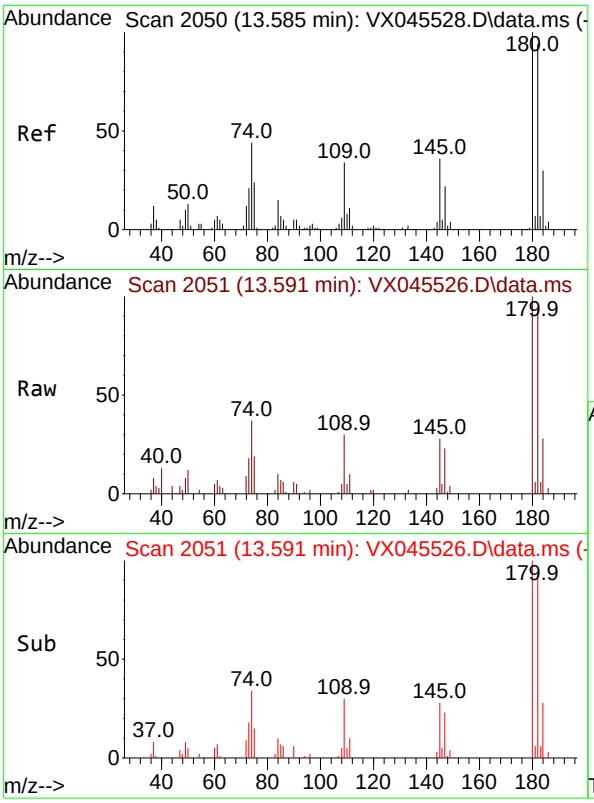


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.417 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion: 75 Resp: 1661

Ion	Ratio	Lower	Upper
75	100		
155	67.3	34.9	104.7
157	100.4	44.9	134.7

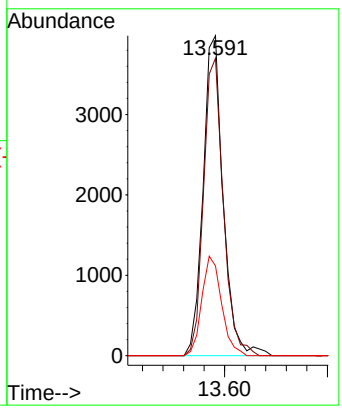




#93
1,2,4-Trichlorobenzene
Concen: 4.524 ug/l
RT: 13.591 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:180 Resp: 539

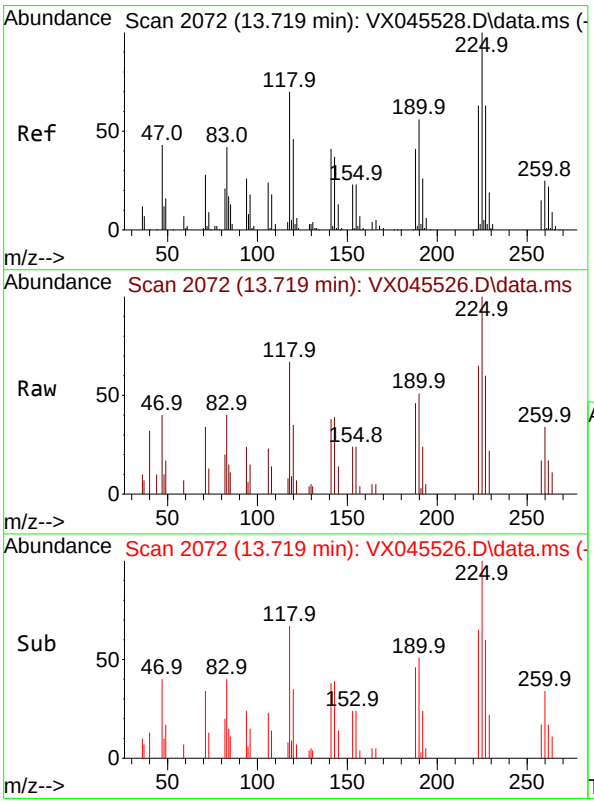
Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.9	143.6
145	30.7	17.9	53.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

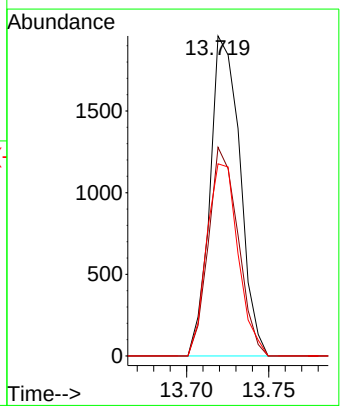
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

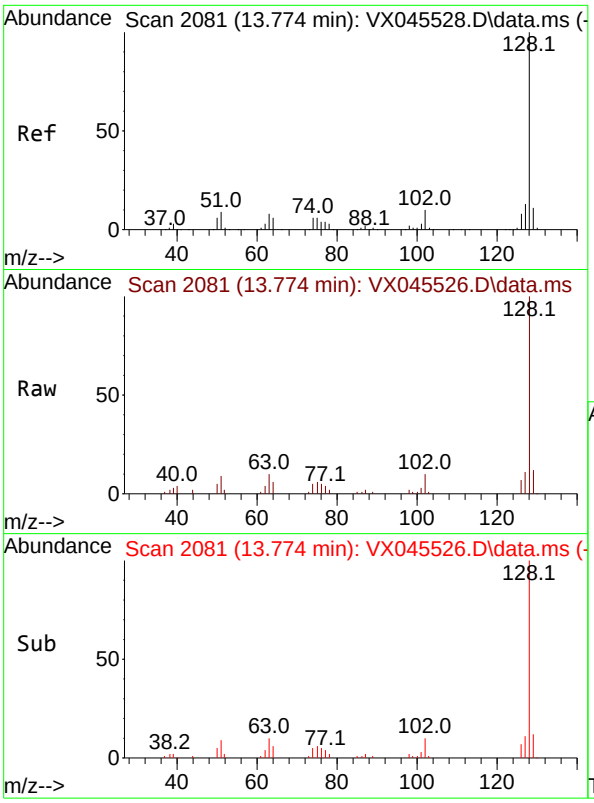


#94
Hexachlorobutadiene
Concen: 4.836 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:225 Resp: 2483

Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.1	93.3
227	62.8	32.2	96.6

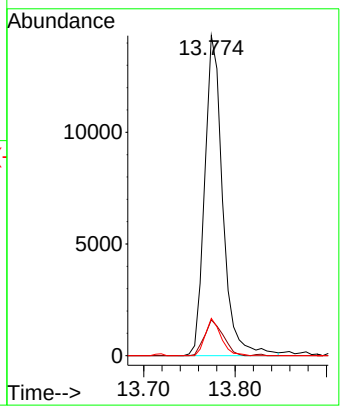




#95
Naphthalene
Concen: 4.424 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:128 Resp: 1961

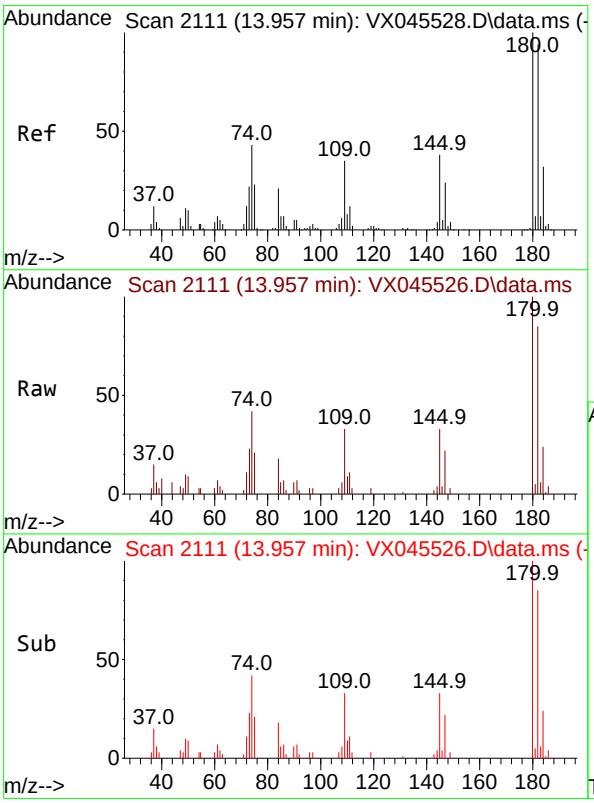
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	10.2	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

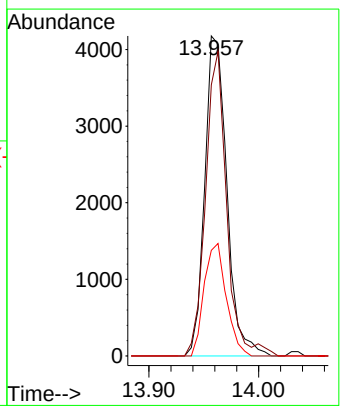
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.692 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045526.D
Acq: 01 Apr 2025 17:29

Tgt Ion:180 Resp: 5854

Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.3	141.8
145	35.2	18.2	54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	90228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	32500	19.697	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.400%#		
35) Dibromofluoromethane	5.385	113	21963	19.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.520%#		
50) Toluene-d8	8.647	98	79303	19.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.840%#		
62) 4-Bromofluorobenzene	11.079	95	28795	19.858	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.720%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25265	18.724	ug/l	97
3) Chloromethane	1.301	50	28034	20.223	ug/l	98
4) Vinyl Chloride	1.374	62	25285	19.931	ug/l	97
5) Bromomethane	1.593	94	11815	19.642	ug/l	99
6) Chloroethane	1.666	64	14071	20.905	ug/l	98
7) Trichlorofluoromethane	1.874	101	38815	20.518	ug/l	98
8) Diethyl Ether	2.136	74	12852	20.235	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22917	20.673	ug/l	95
10) Methyl Iodide	2.441	142	28478	20.596	ug/l	99
11) Tert butyl alcohol	2.983	59	22453	101.253	ug/l	100
12) 1,1-Dichloroethene	2.306	96	22103	20.406	ug/l	96
13) Acrolein	2.239	56	28991	94.938	ug/l	99
14) Allyl chloride	2.660	41	41233	20.063	ug/l	99
15) Acrylonitrile	3.062	53	74487	106.412	ug/l	98
16) Acetone	2.386	43	69788	103.000	ug/l	99
17) Carbon Disulfide	2.502	76	51771	19.352	ug/l	98
18) Methyl Acetate	2.703	43	31190	19.994	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	78284	20.660	ug/l	96
20) Methylene Chloride	2.782	84	26212	20.664	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	22968	20.755	ug/l	92
22) Diisopropyl ether	3.757	45	84046	20.760	ug/l #	81
23) Vinyl Acetate	3.721	43	361881	103.458	ug/l	99
24) 1,1-Dichloroethane	3.605	63	47560	20.772	ug/l	99
25) 2-Butanone	4.556	43	105062	105.931	ug/l	99
26) 2,2-Dichloropropane	4.471	77	28956	19.574	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27425	20.342	ug/l	98
28) Bromochloromethane	4.897	49	22285	20.141	ug/l	100
29) Tetrahydrofuran	5.007	42	66994	104.187	ug/l	99
30) Chloroform	5.093	83	48639	20.646	ug/l	100
31) Cyclohexane	5.458	56	41450	20.478	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	40407	20.270	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30504	19.808	ug/l	98
37) Ethyl Acetate	4.715	43	39163	20.180	ug/l	98
38) Carbon Tetrachloride	5.672	117	33533	20.148	ug/l	94
39) Methylcyclohexane	7.373	83	38303	20.291	ug/l	97
40) Benzene	6.031	78	97667	20.766	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21740	21.046	ug/l		97
42) 1,2-Dichloroethane	6.086	62	41733	21.484	ug/l		100
43) Isopropyl Acetate	6.342	43	61222	20.814	ug/l		99
44) Trichloroethene	7.123	130	22918	20.501	ug/l		97
45) 1,2-Dichloropropane	7.428	63	24926	21.241	ug/l		90
46) Dibromomethane	7.580	93	19104	21.207	ug/l		99
47) Bromodichloromethane	7.818	83	37036	20.587	ug/l		99
48) Methyl methacrylate	7.696	41	31247	20.575	ug/l		99
49) 1,4-Dioxane	7.659	88	12104	440.515	ug/l		96
51) 4-Methyl-2-Pentanone	8.574	43	212645	109.055	ug/l		99
52) Toluene	8.714	92	60357	21.208	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	29870	18.764	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	35099	20.762	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	24191	21.331	ug/l		96
56) Ethyl methacrylate	9.116	69	36155	20.600	ug/l		99
57) 1,3-Dichloropropane	9.305	76	41900	21.217	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	91923	103.534	ug/l		100
59) 2-Hexanone	9.427	43	156999	108.730	ug/l		99
60) Dibromochloromethane	9.519	129	25992	21.023	ug/l		98
61) 1,2-Dibromoethane	9.604	107	24456	21.303	ug/l		99
64) Tetrachloroethene	9.269	164	21379	21.015	ug/l		98
65) Chlorobenzene	10.079	112	64727	21.023	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	21447	20.064	ug/l		98
67) Ethyl Benzene	10.189	91	115368	20.921	ug/l		99
68) m/p-Xylenes	10.299	106	84420	42.092	ug/l		99
69) o-Xylene	10.640	106	41803	21.158	ug/l		100
70) Styrene	10.653	104	69290	21.249	ug/l		99
71) Bromoform	10.799	173	15659	19.619	ug/l	#	99
73) Isopropylbenzene	10.957	105	110396	21.093	ug/l		100
74) N-amyl acetate	10.842	43	51238	20.466	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	38177	20.764	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	32690m	20.510	ug/l		
77) Bromobenzene	11.195	156	24902	20.592	ug/l		100
78) n-propylbenzene	11.299	91	130994	21.729	ug/l		98
79) 2-Chlorotoluene	11.360	91	81817	21.229	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	93328	21.564	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8435	17.961	ug/l		88
82) 4-Chlorotoluene	11.451	91	90704	21.108	ug/l		99
83) tert-Butylbenzene	11.713	119	89828	20.964	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	92242	21.235	ug/l		100
85) sec-Butylbenzene	11.890	105	112800	21.433	ug/l		100
86) p-Isopropyltoluene	12.006	119	91866	21.173	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	45105	20.490	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	46208	20.706	ug/l		99
89) n-Butylbenzene	12.329	91	77739	20.662	ug/l		100
90) Hexachloroethane	12.536	117	14544	19.505	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	45732	20.896	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8153	21.203	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	24787	20.347	ug/l		98
94) Hexachlorobutadiene	13.725	225	10488	19.979	ug/l		97
95) Naphthalene	13.774	128	94875	20.928	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	26113	20.471	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 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\VX040225\
Data File : VX045527.D
Acq On : 01 Apr 2025 17:52
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 02 02:52:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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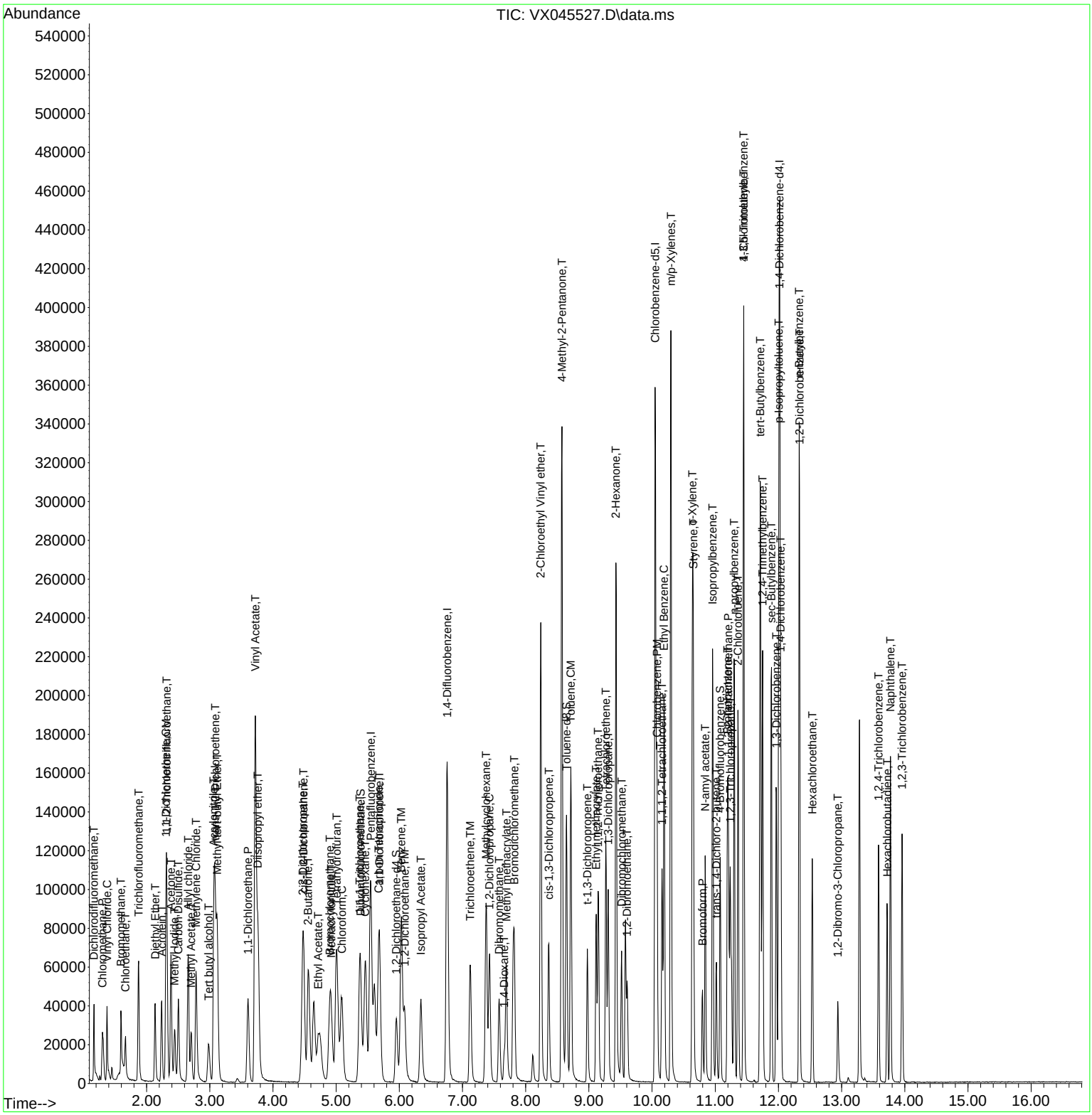
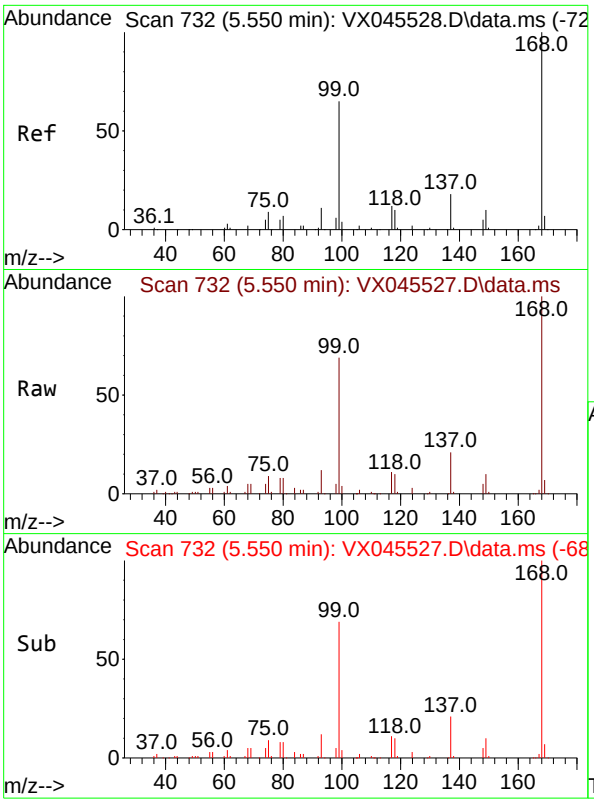
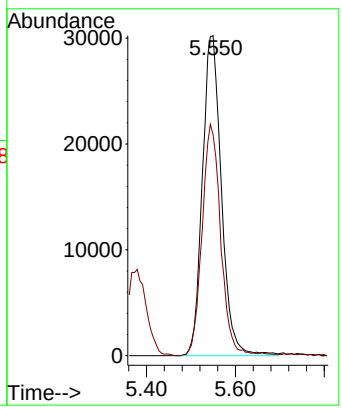




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:168 Resp: 9022

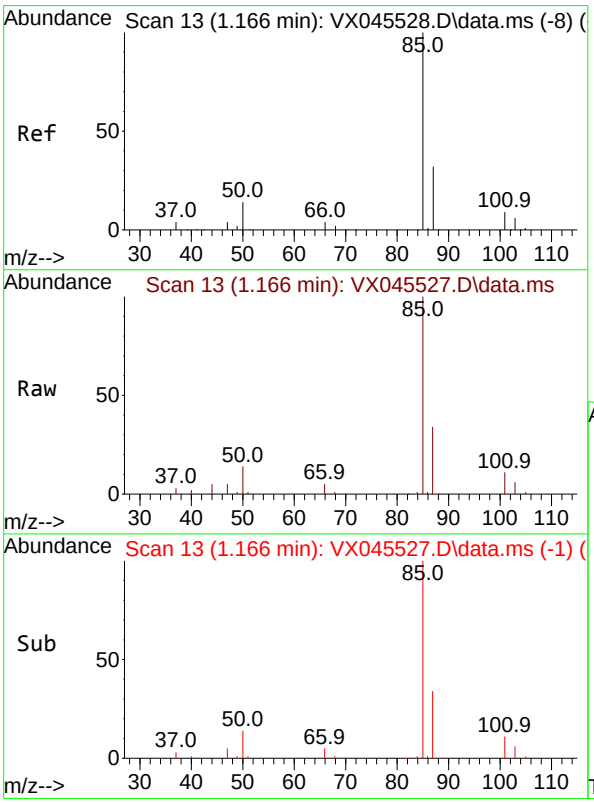
Ion	Ratio	Lower	Upper
168	100		
99	69.1	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

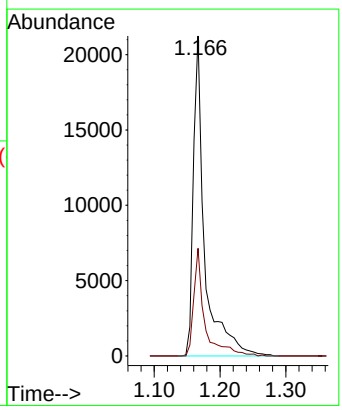
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

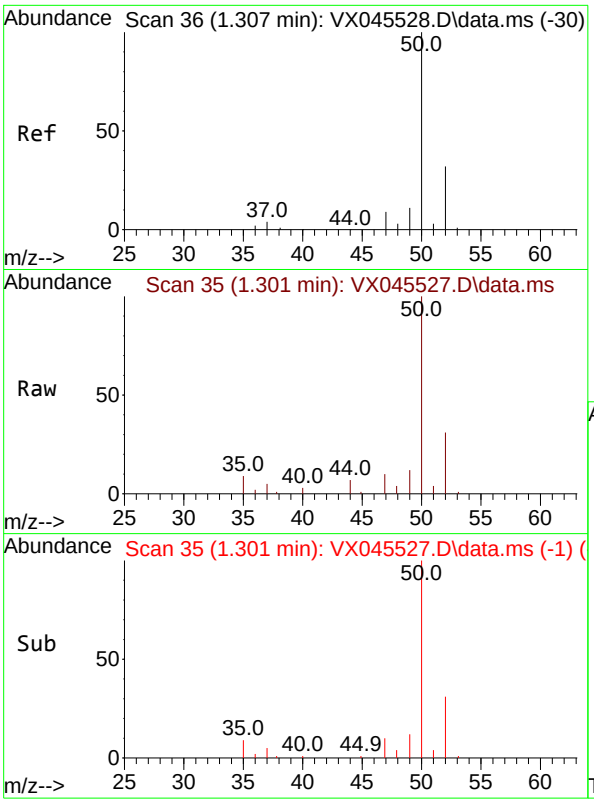


#2
Dichlorodifluoromethane
Concen: 18.724 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 85 Resp: 25265

Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.1	48.2

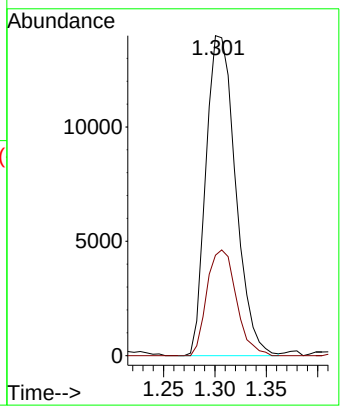




#3
Chloromethane
Concen: 20.223 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 50 Resp: 2803

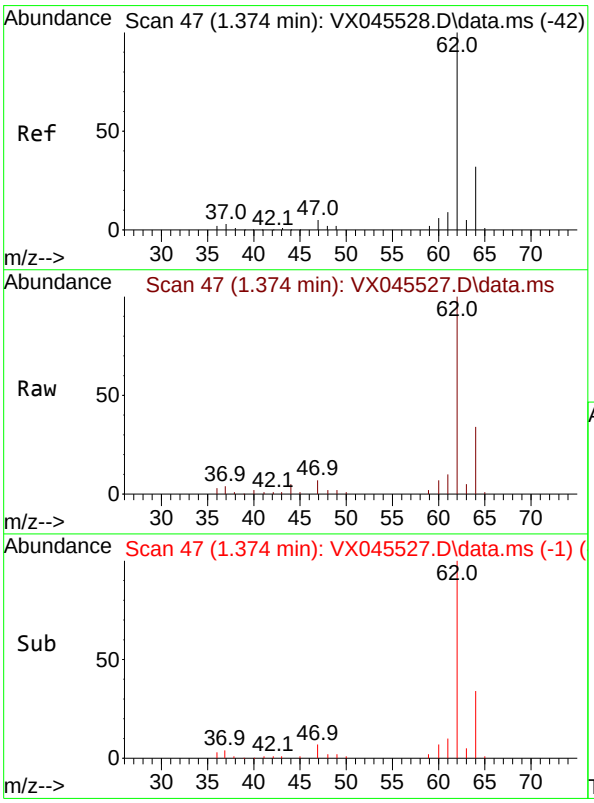
Ion	Ratio	Lower	Upper
50	100		
52	31.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

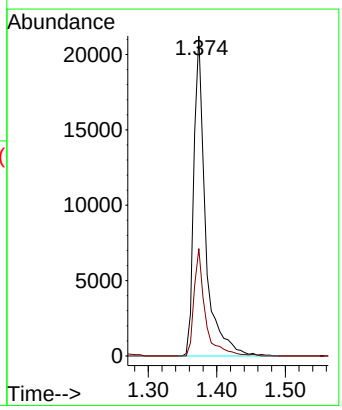
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

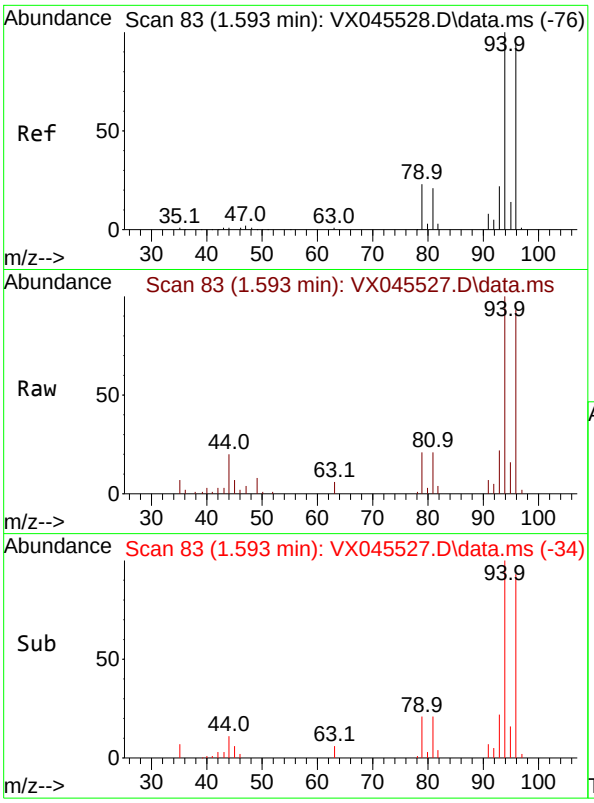


#4
Vinyl Chloride
Concen: 19.931 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 62 Resp: 25285

Ion	Ratio	Lower	Upper
62	100		
64	33.5	25.5	38.3

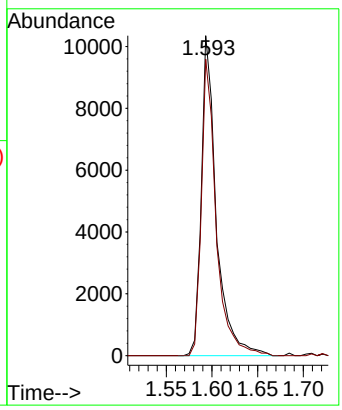




#5
Bromomethane
Concen: 19.642 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 94 Resp: 1181

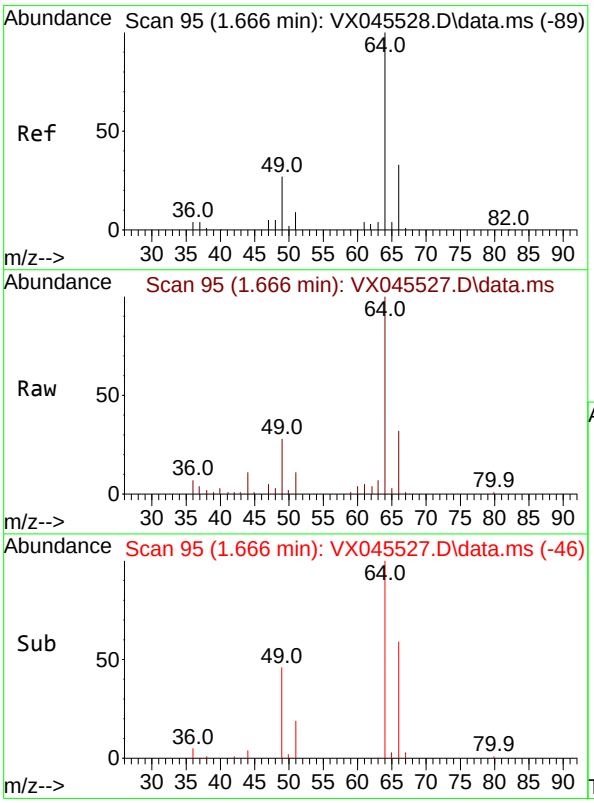
Ion	Ratio	Lower	Upper
94	100		
96	92.7	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

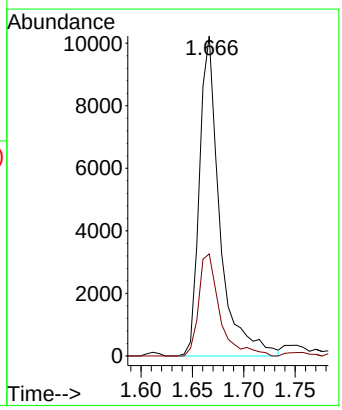
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

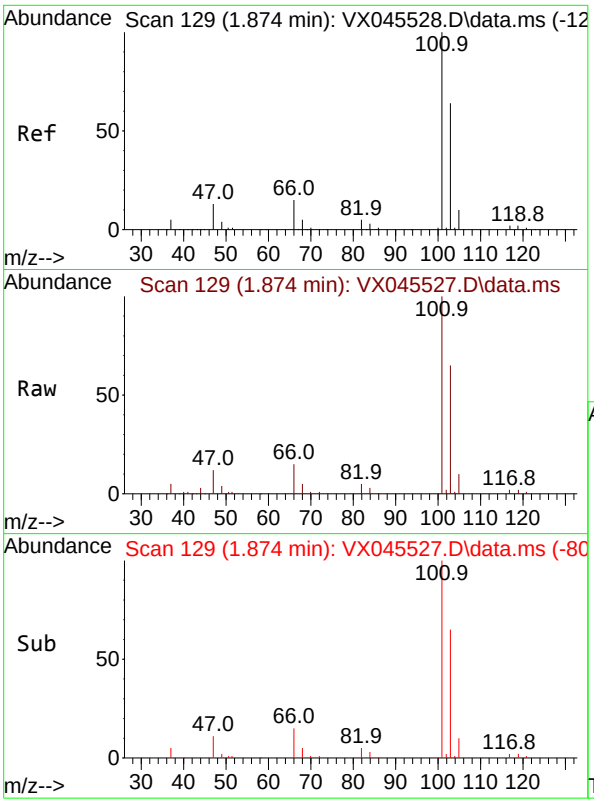


#6
Chloroethane
Concen: 20.905 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 64 Resp: 14071

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.3	39.5

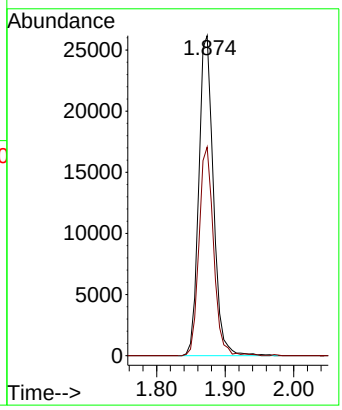




#7
Trichlorofluoromethane
Concen: 20.518 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:101 Resp: 3881

Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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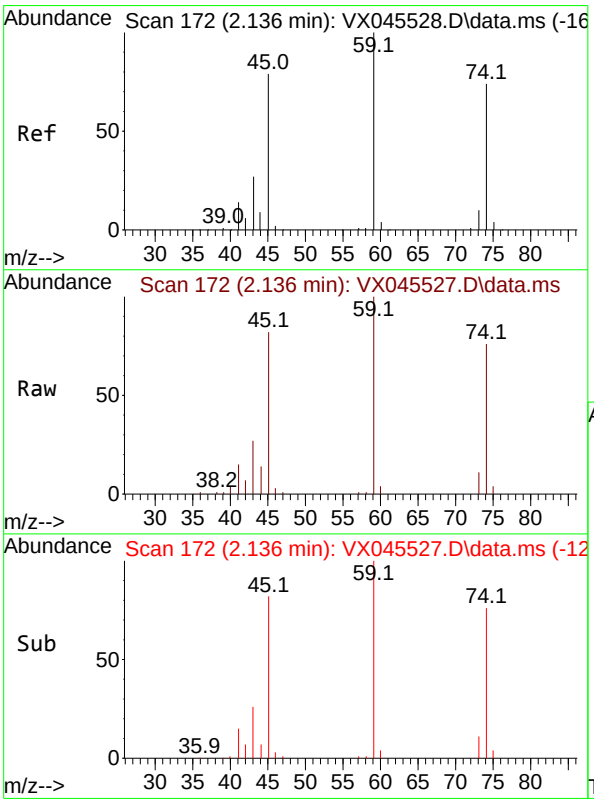
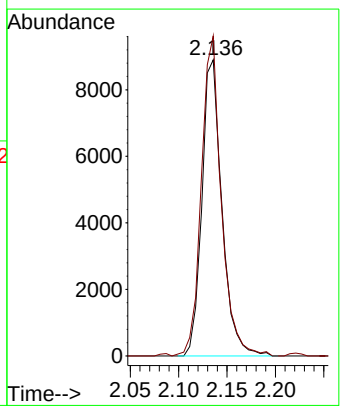
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

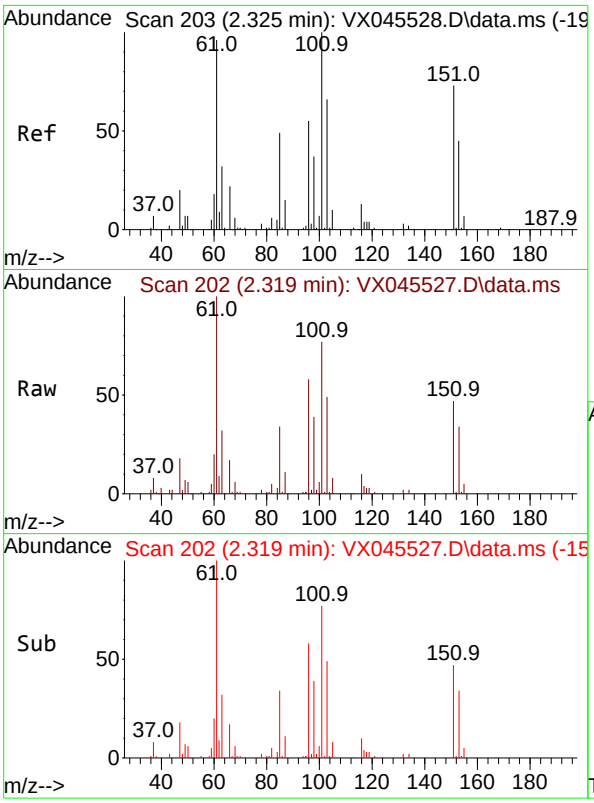


#8
Diethyl Ether
Concen: 20.235 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 74 Resp: 12852

Ion	Ratio	Lower	Upper
74	100		
45	107.6	53.0	159.1

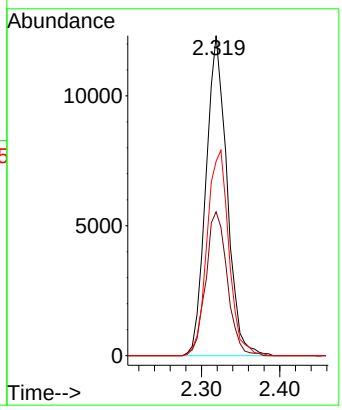




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.673 ug/l
RT: 2.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:101 Resp: 2291

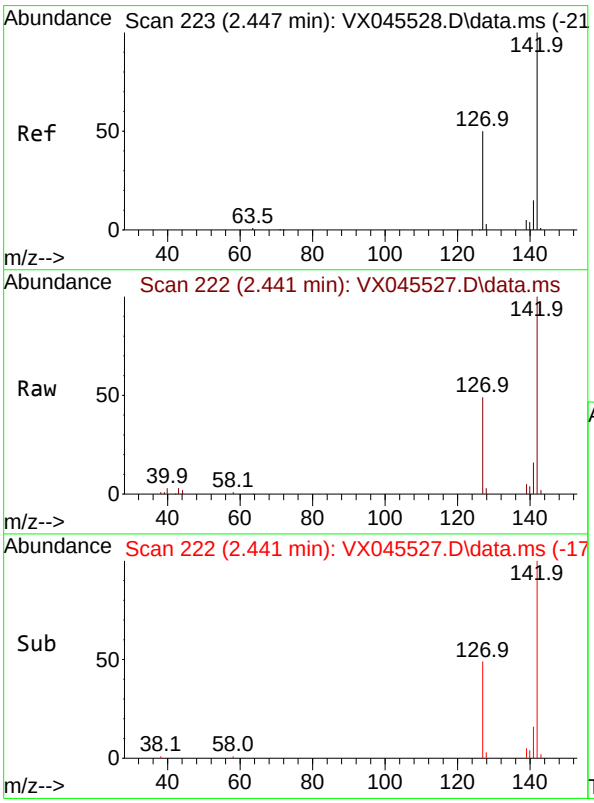
Ion	Ratio	Lower	Upper
101	100		
85	46.2	38.9	58.3
151	66.8	57.5	86.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

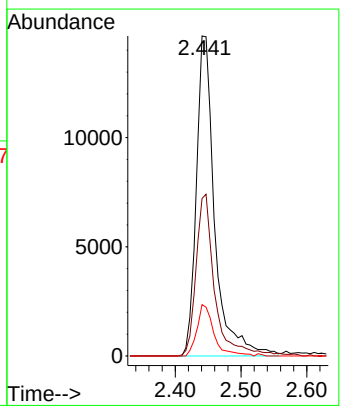
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

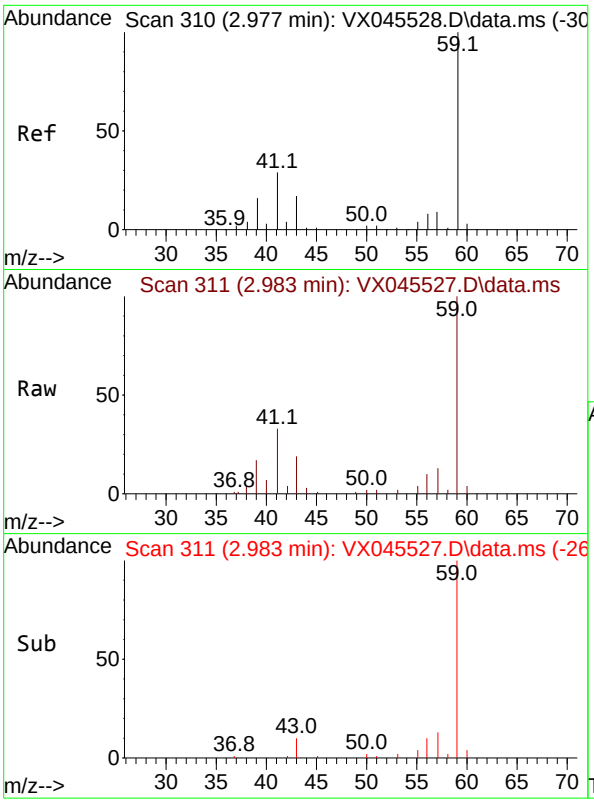


#10
Methyl Iodide
Concen: 20.596 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:142 Resp: 28478

Ion	Ratio	Lower	Upper
142	100		
127	51.5	40.2	60.4
141	14.8	11.7	17.5

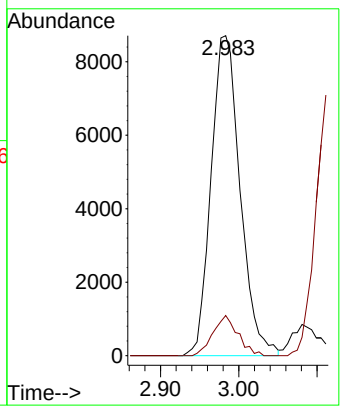




#11
Tert butyl alcohol
Concen: 101.253 ug/l
RT: 2.983 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 59 Resp: 2245

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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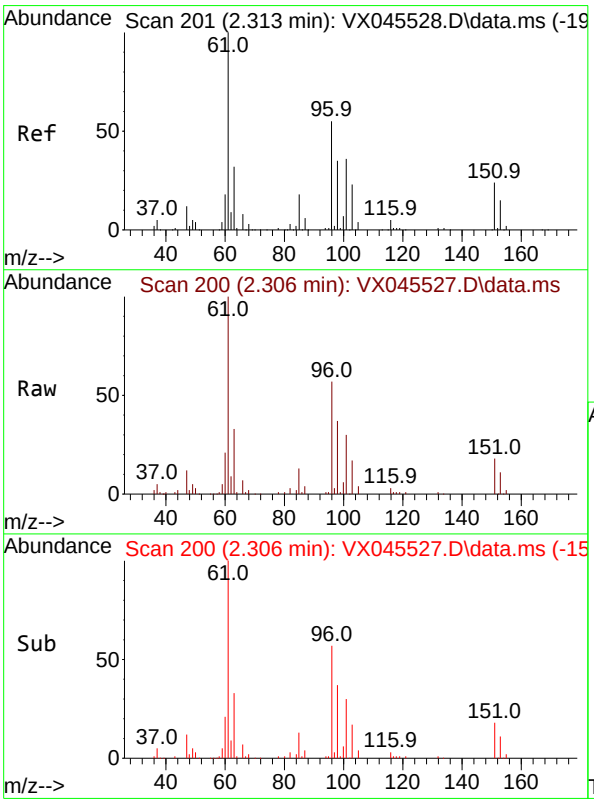
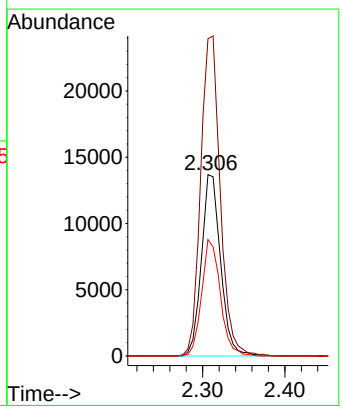
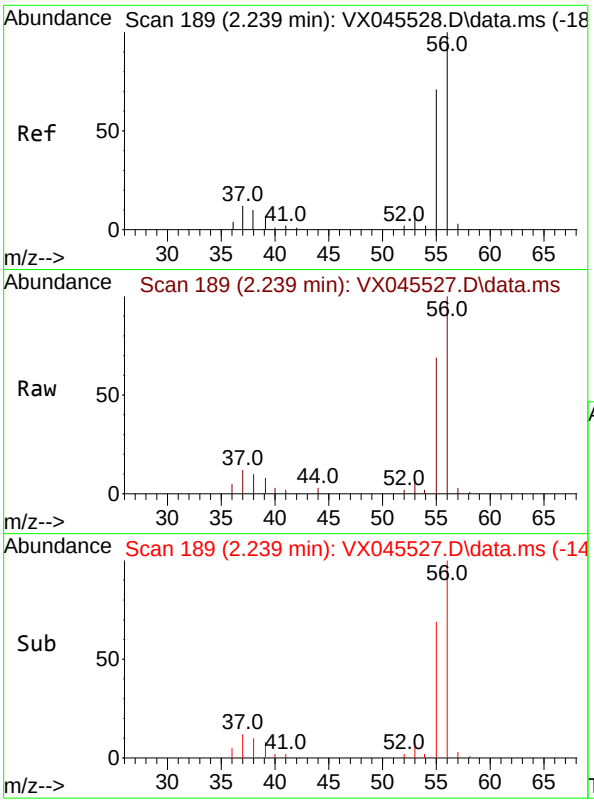


#12
1,1-Dichloroethene
Concen: 20.406 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 96 Resp: 22103

Ion	Ratio	Lower	Upper
96	100		
61	175.0	145.7	218.5
98	64.2	51.6	77.4

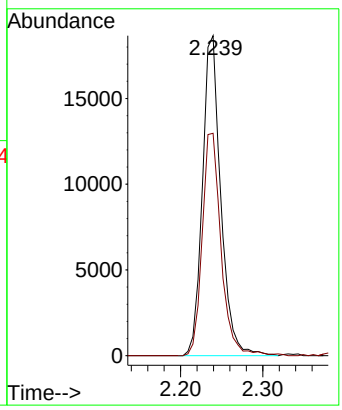




#13
Acrolein
Concen: 94.938 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 56 Resp: 2899

Ion	Ratio	Lower	Upper
56	100		
55	71.2	56.2	84.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
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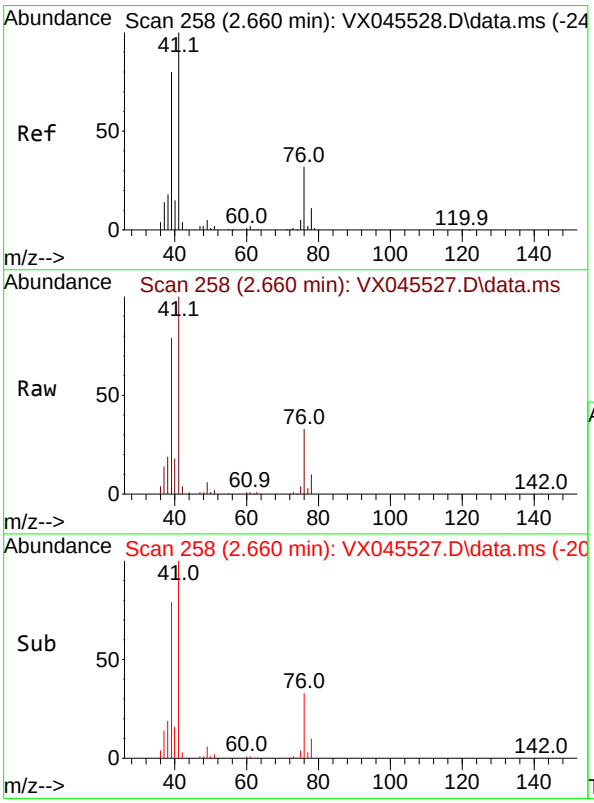
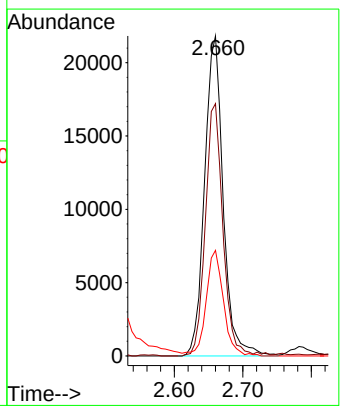
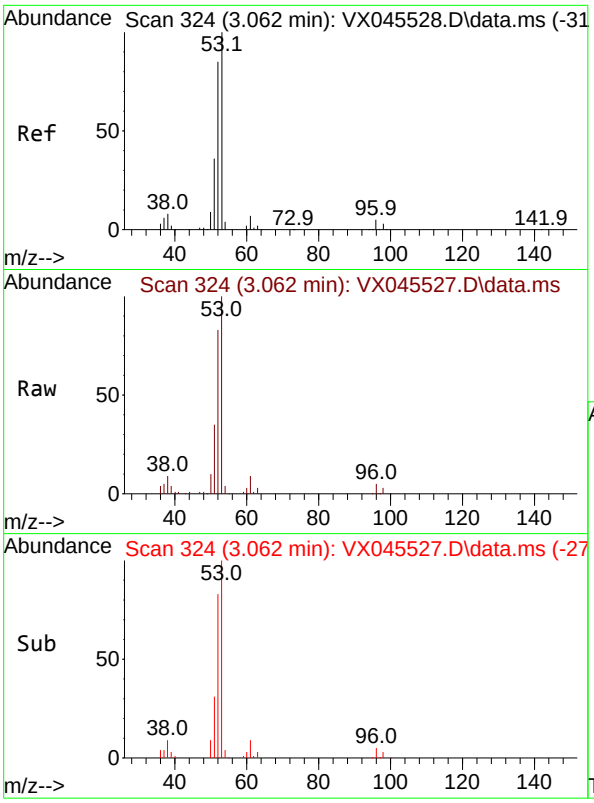


#14
Allyl chloride
Concen: 20.063 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 41 Resp: 41233

Ion	Ratio	Lower	Upper
41	100		
39	74.2	60.2	90.2
76	31.0	24.6	36.8





#15
Acrylonitrile
Concen: 106.412 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 53 Resp: 7448

Ion	Ratio	Lower	Upper
53	100		
52	81.8	67.4	101.2
51	37.6	29.9	44.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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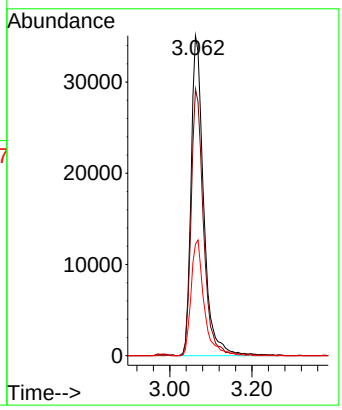
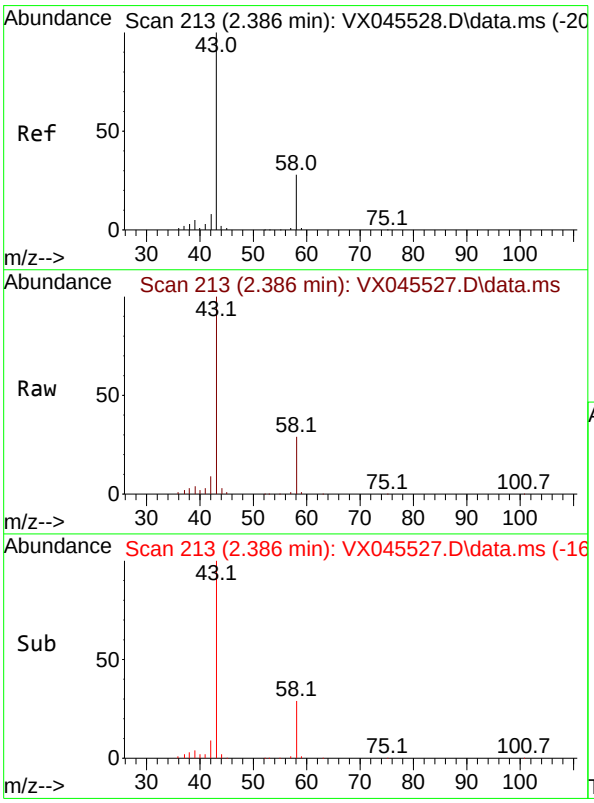
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

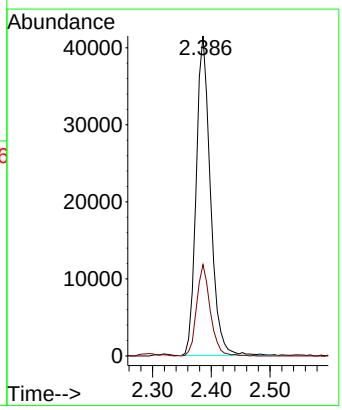


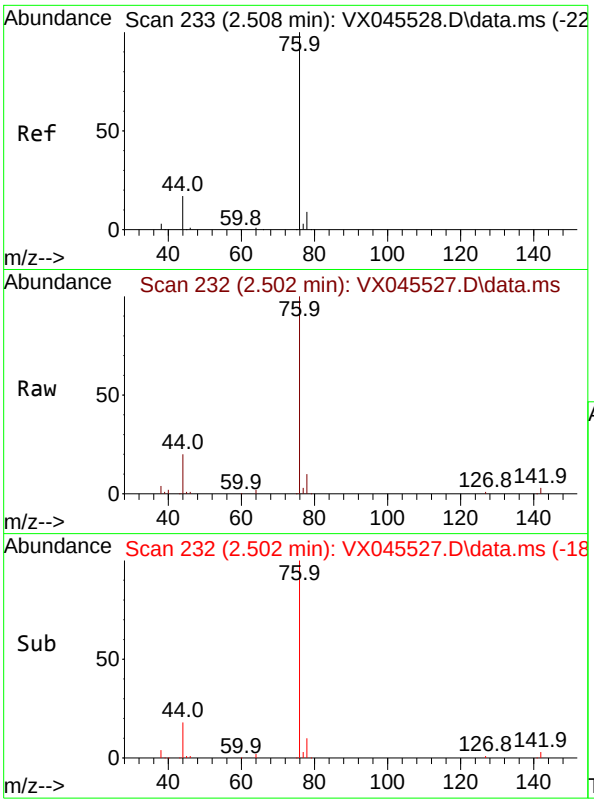


#16
Acetone
Concen: 103.000 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 69788

Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.3	33.5





#17
Carbon Disulfide
Concen: 19.352 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 76 Resp: 5177

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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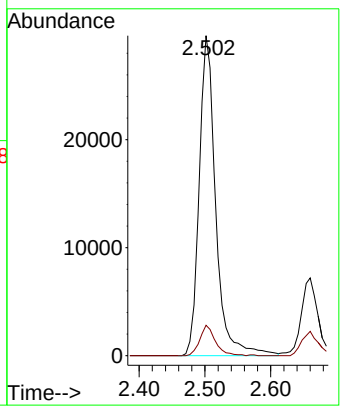
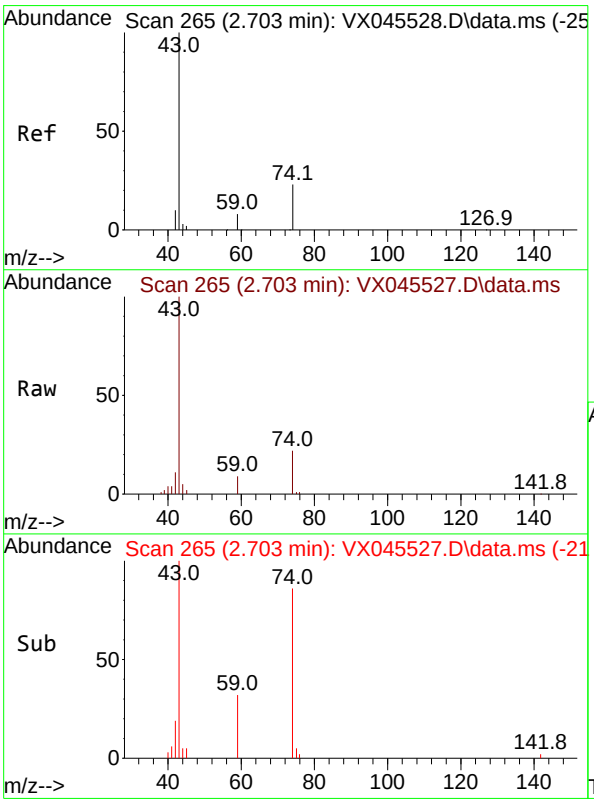
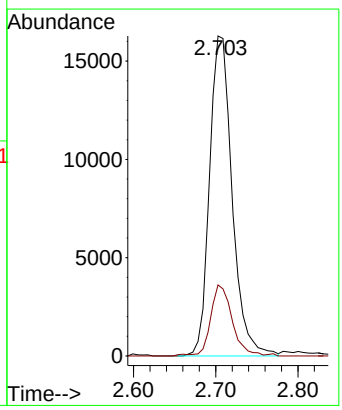


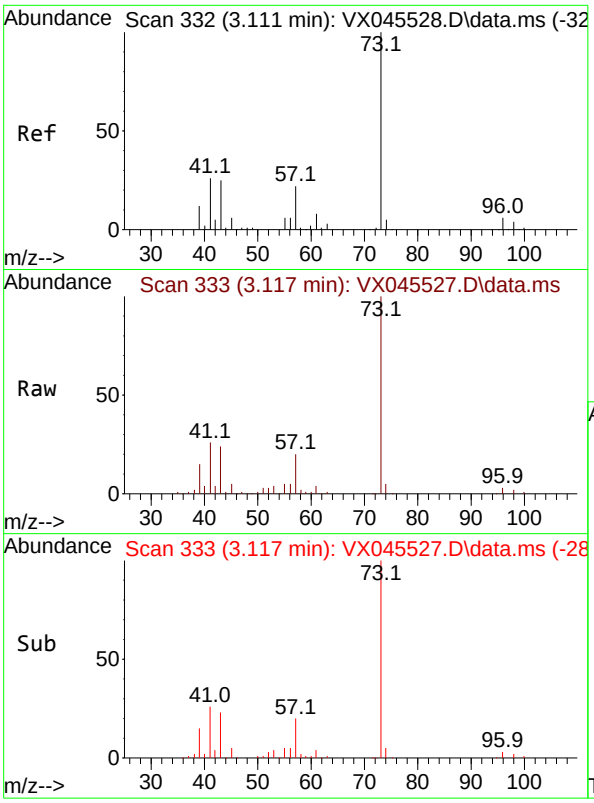


#18
Methyl Acetate
Concen: 19.994 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 31190

Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.5	26.3

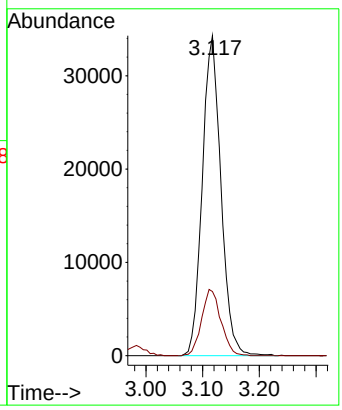




#19
Methyl tert-butyl Ether
Concen: 20.660 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 73 Resp: 7828

Ion	Ratio	Lower	Upper
73	100		
57	20.0	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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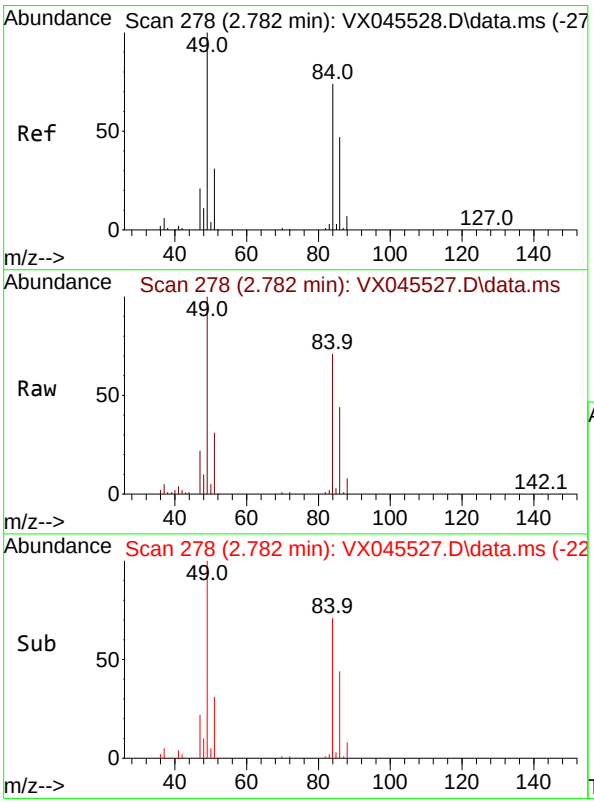
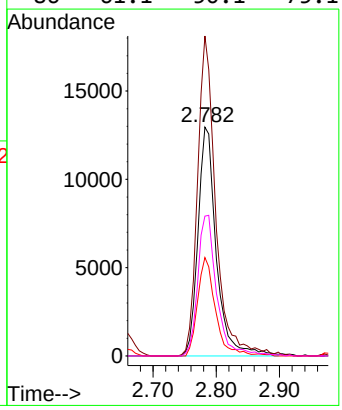
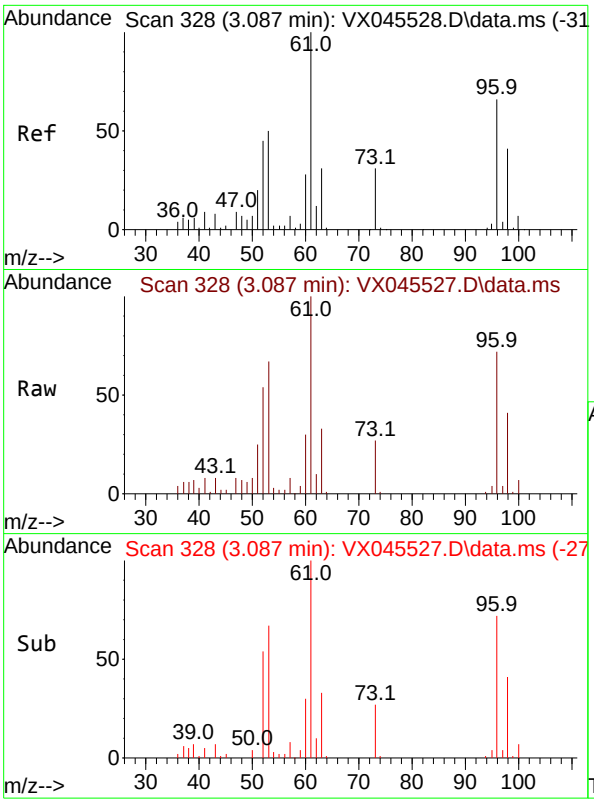


#20
Methylene Chloride
Concen: 20.664 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 84 Resp: 26212

Ion	Ratio	Lower	Upper
84	100		
49	139.9	107.5	161.3
51	43.0	33.0	49.6
86	61.1	50.1	75.1

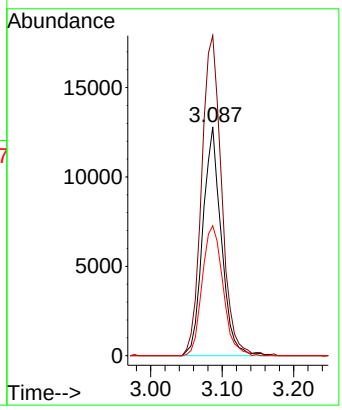




#21
trans-1,2-Dichloroethene
Concen: 20.755 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 96 Resp: 2296

Ion	Ratio	Lower	Upper
96	100		
61	139.8	121.0	181.6
98	56.7	49.7	74.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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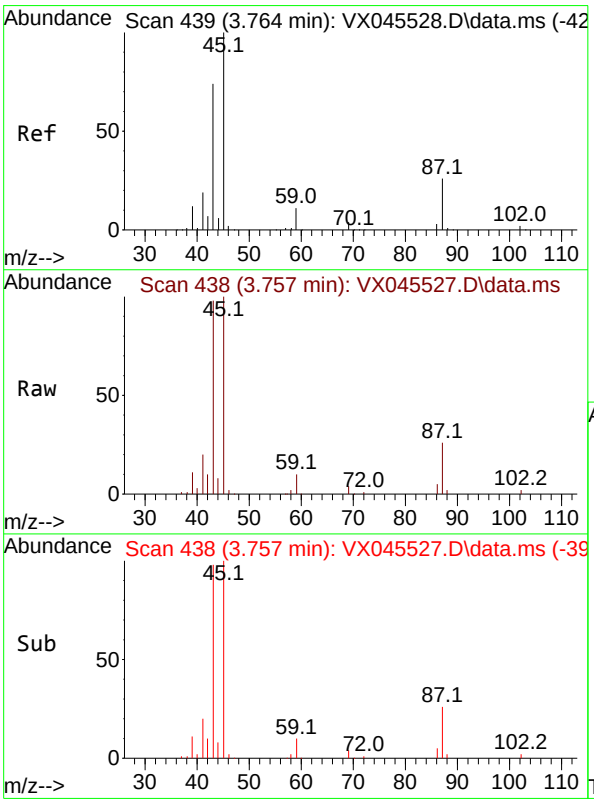
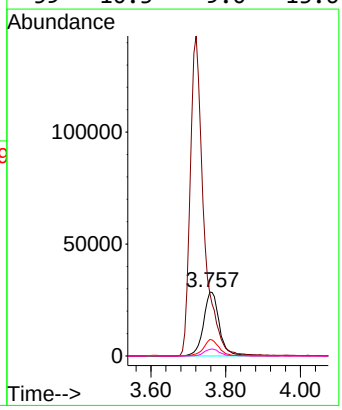
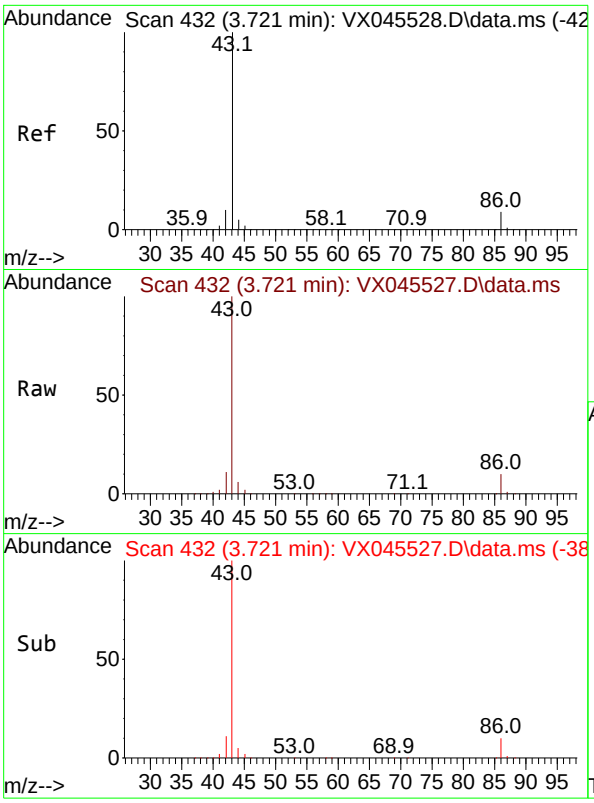


#22
Diisopropyl ether
Concen: 20.760 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 45 Resp: 84046

Ion	Ratio	Lower	Upper
45	100		
43	98.0	59.3	88.9#
87	25.9	20.4	30.6
59	10.3	9.0	13.6





#23
Vinyl Acetate
Concen: 103.458 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 36188

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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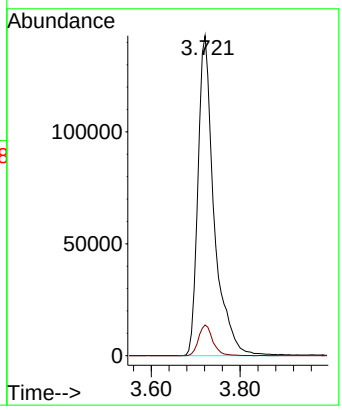
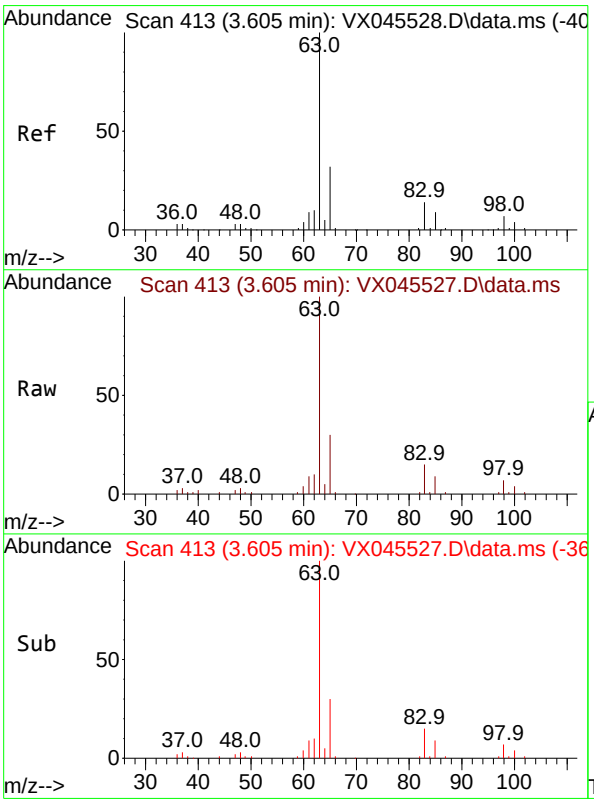
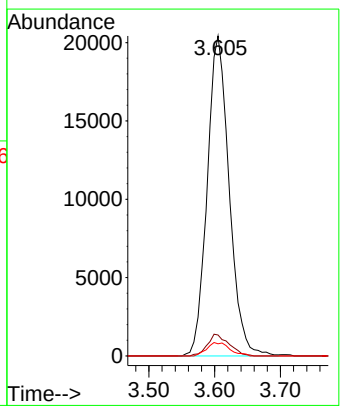


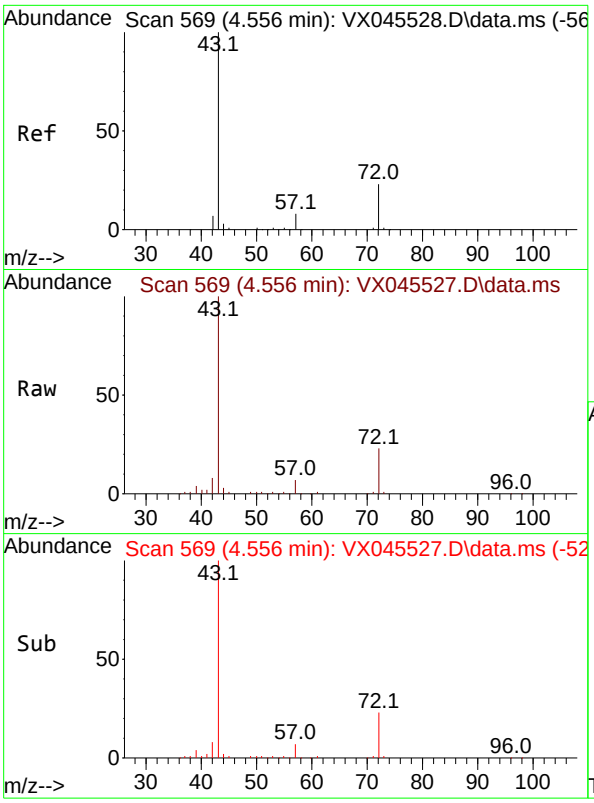


#24
1,1-Dichloroethane
Concen: 20.772 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 63 Resp: 47560

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.4	10.1
100	3.8	2.2	6.6

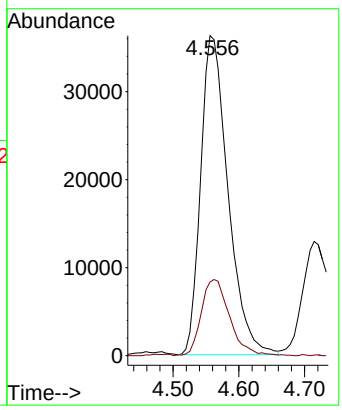




#25
2-Butanone
Concen: 105.931 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 10506

Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.6	28.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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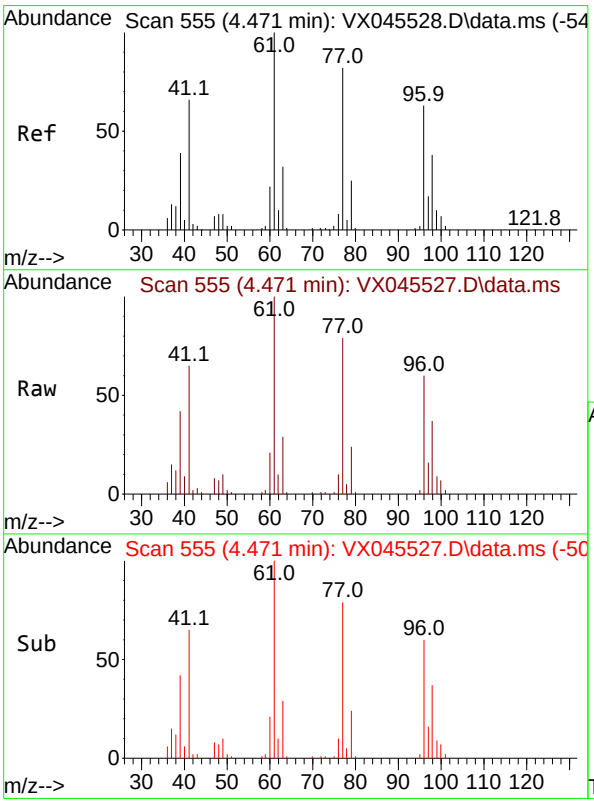
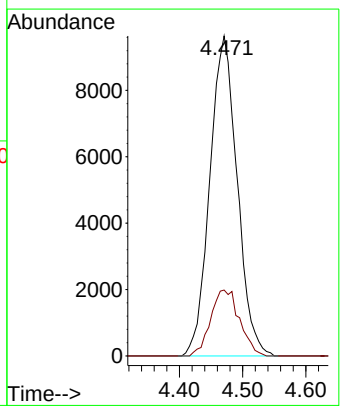
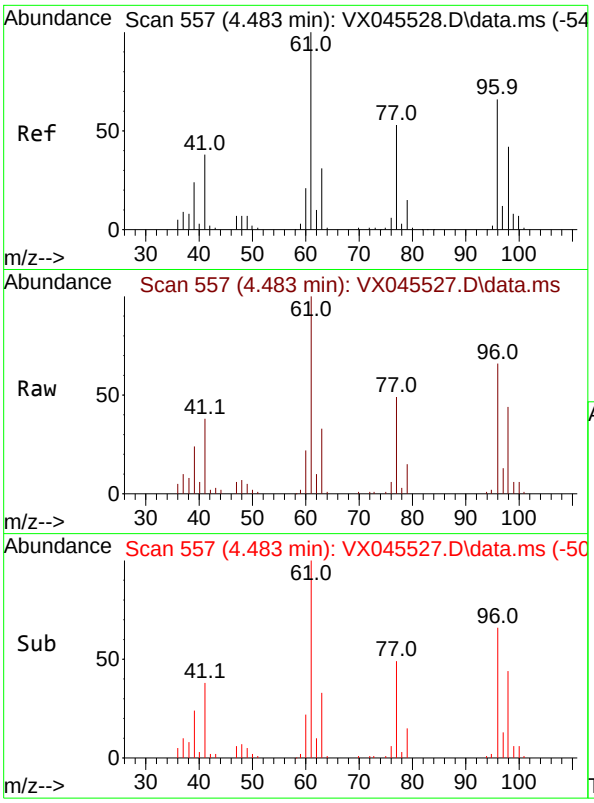


#26
2,2-Dichloropropane
Concen: 19.574 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 77 Resp: 28956

Ion	Ratio	Lower	Upper
77	100		
97	21.8	10.6	31.8

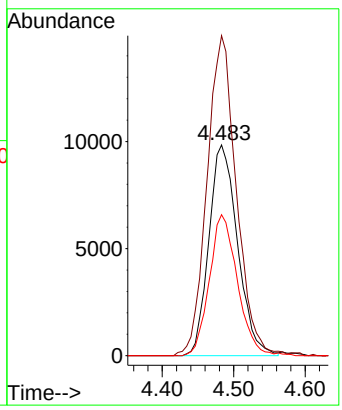




#27
cis-1,2-Dichloroethene
Concen: 20.342 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 96 Resp: 2742

Ion	Ratio	Lower	Upper
96	100		
61	155.2	0.0	313.2
98	65.5	0.0	126.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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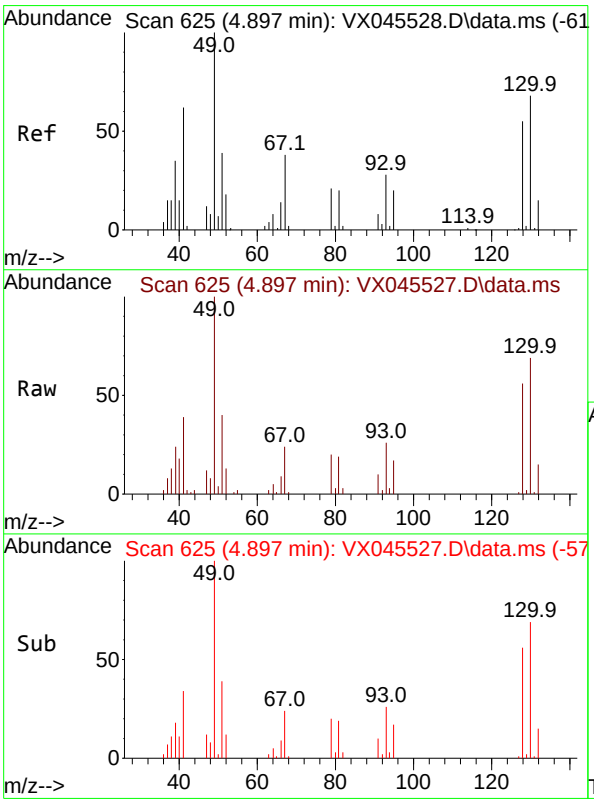
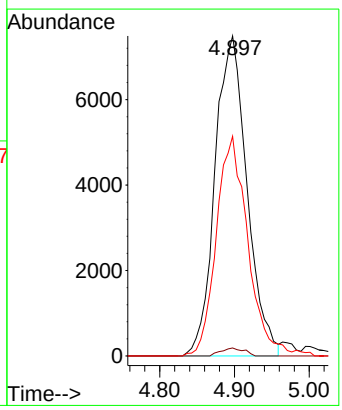
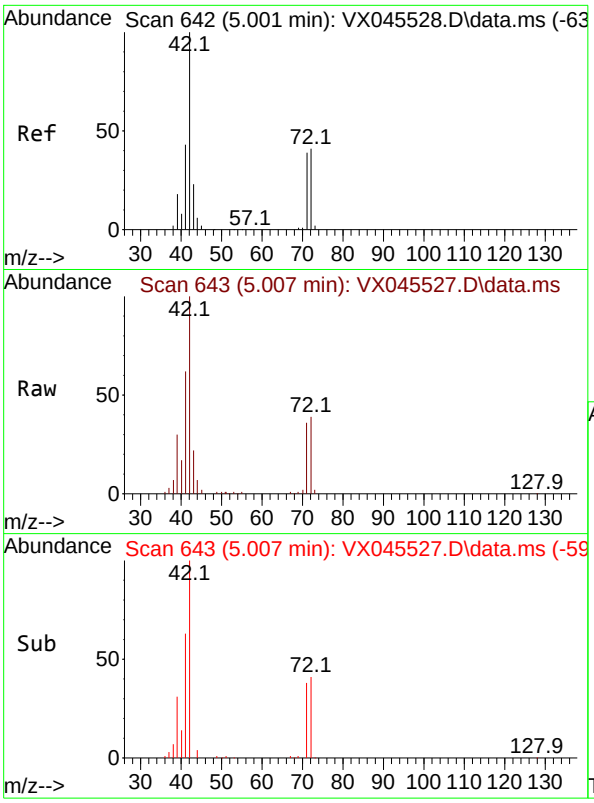


#28
Bromochloromethane
Concen: 20.141 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 49 Resp: 22285

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.0	54.6	81.8





#29
Tetrahydrofuran
Concen: 104.187 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 42 Resp: 6699

Ion	Ratio	Lower	Upper
42	100		
72	42.1	33.4	50.0
71	38.2	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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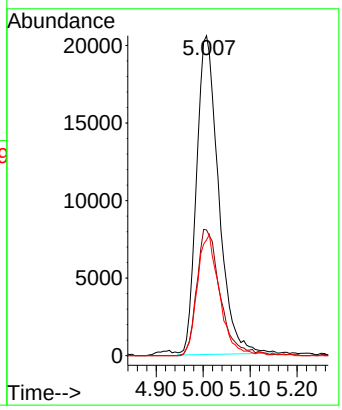
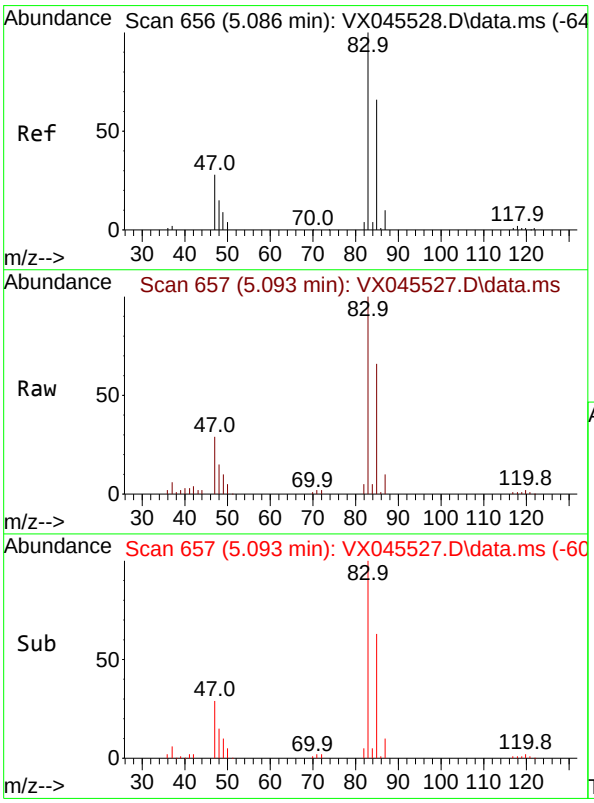
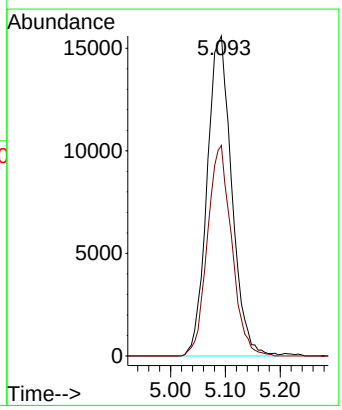


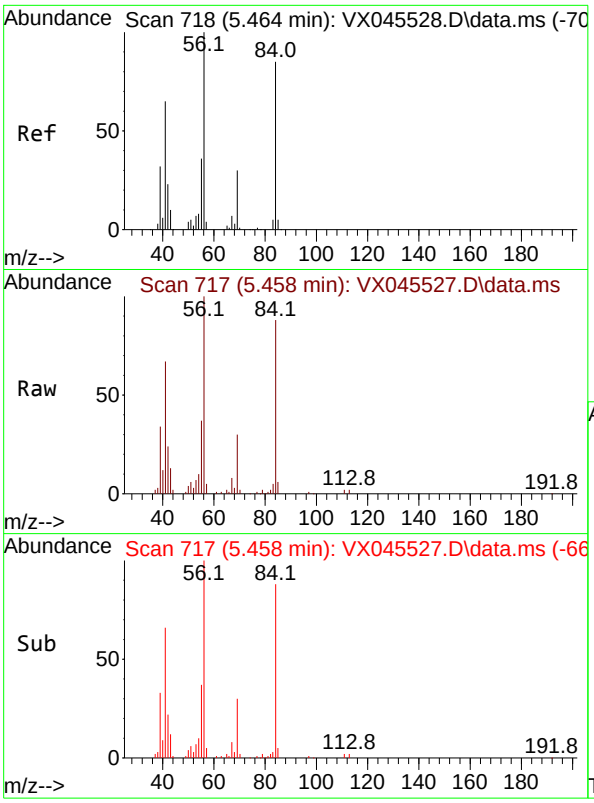


#30
Chloroform
Concen: 20.646 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 83 Resp: 48639

Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.8	79.2

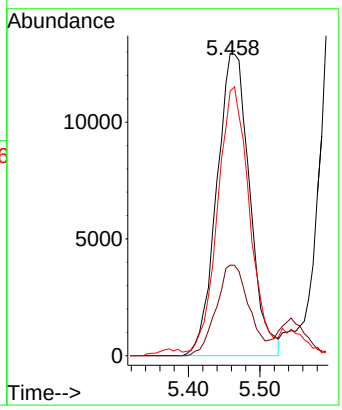




#31
Cyclohexane
Concen: 20.478 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 56 Resp: 4145

Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.6	35.4
84	85.5	67.7	101.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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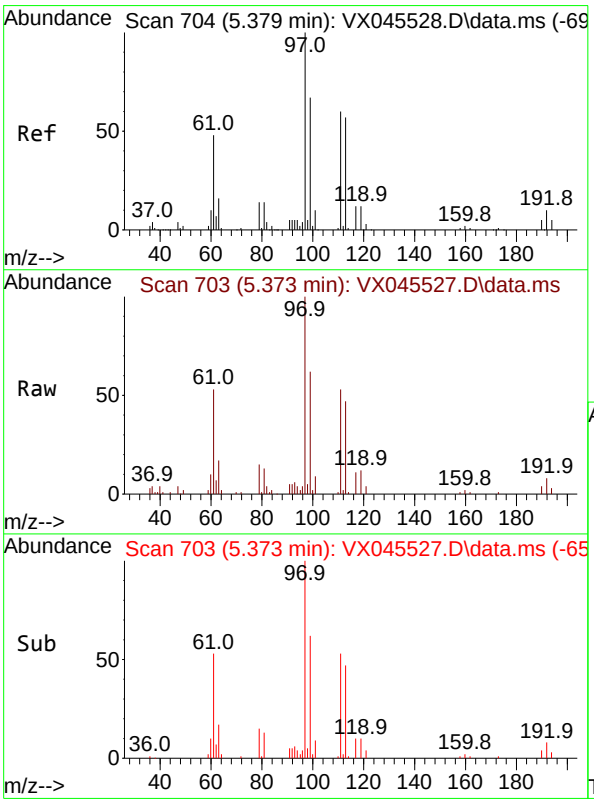
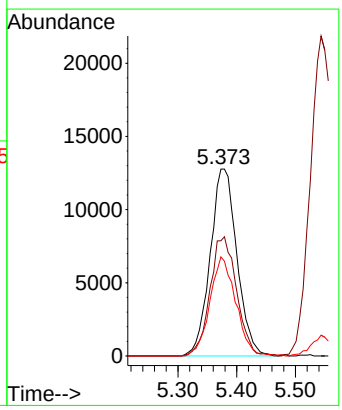
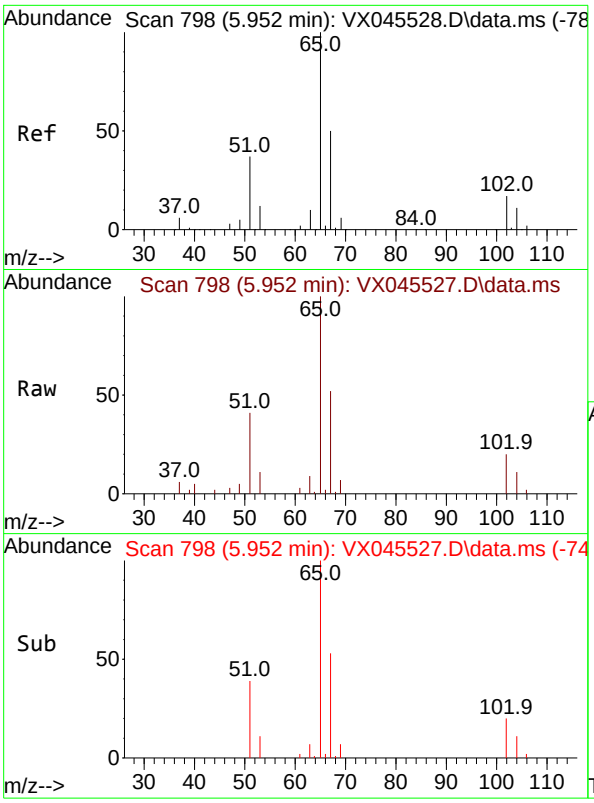


#32
1,1,1-Trichloroethane
Concen: 20.270 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 97 Resp: 40407

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.7	77.5
61	51.3	41.0	61.4

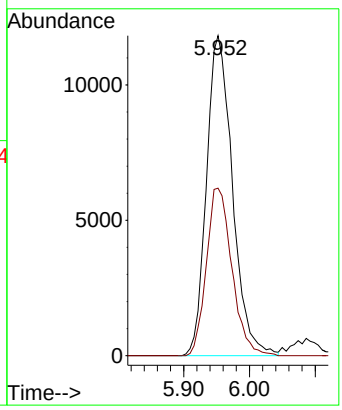




#33
1,2-Dichloroethane-d4
Concen: 19.697 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 65 Resp: 3250

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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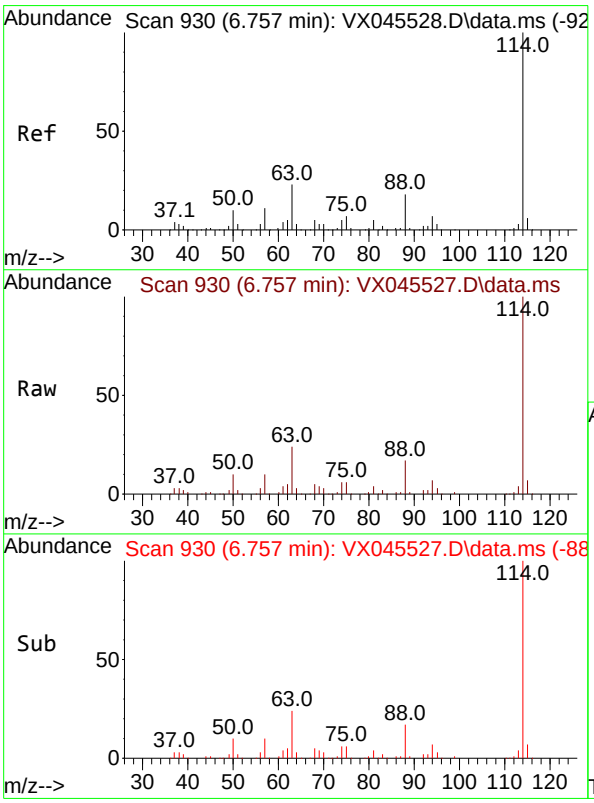
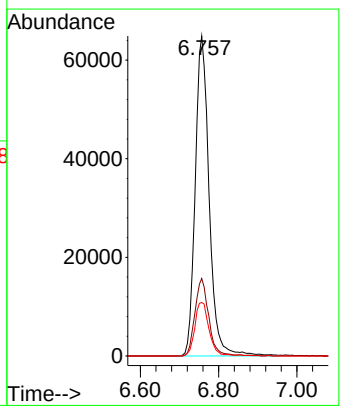
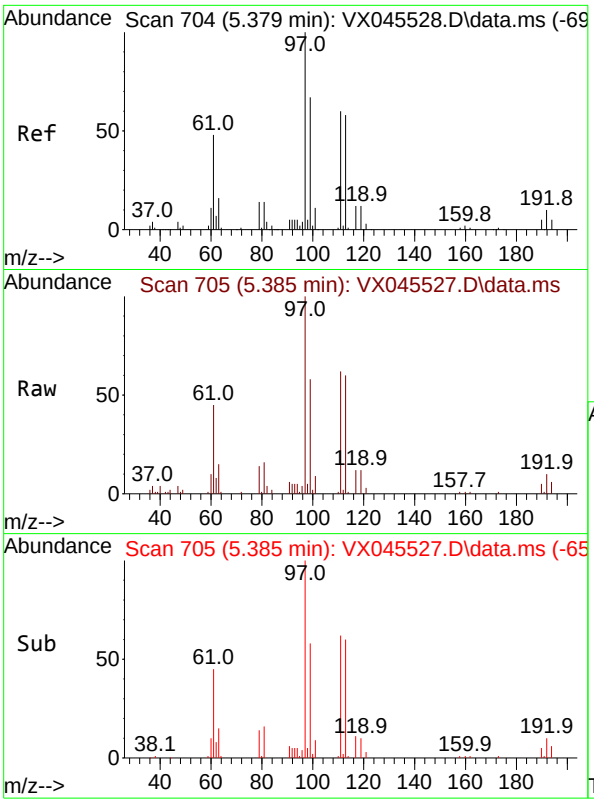


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:114 Resp: 160754

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.8
88	16.7	0.0	35.4

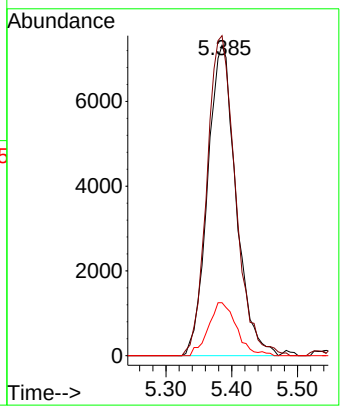




#35
Dibromofluoromethane
Concen: 19.256 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:113 Resp: 2196

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	17.0	13.8	20.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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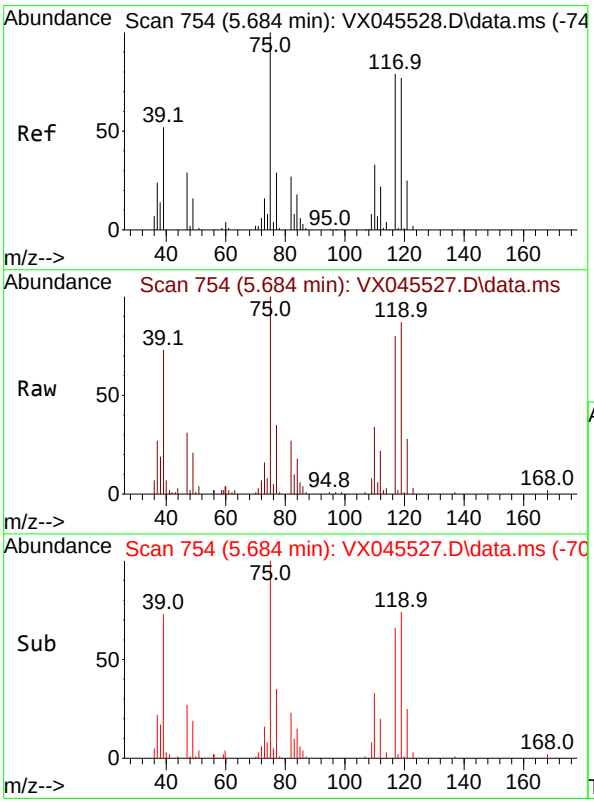
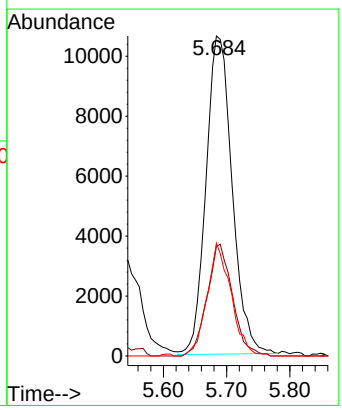
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

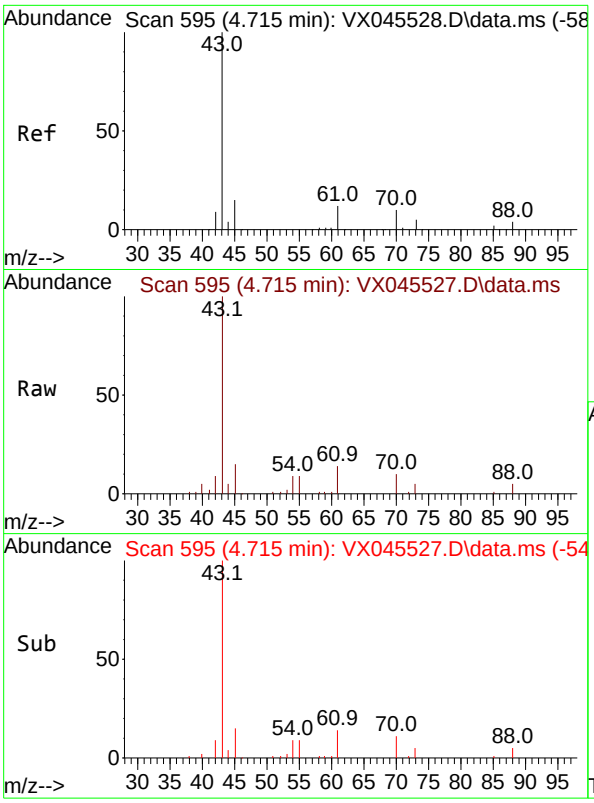


#36
1,1-Dichloropropene
Concen: 19.808 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 30504

Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.6
77	32.7	25.0	37.4





#37
Ethyl Acetate
Concen: 20.180 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 3916

Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.9	14.9
70	10.1	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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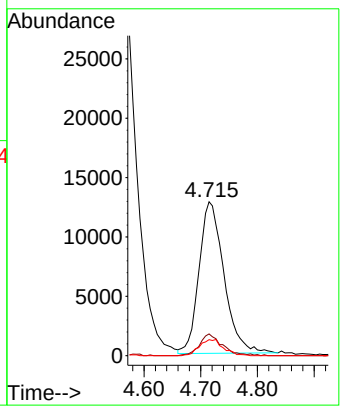
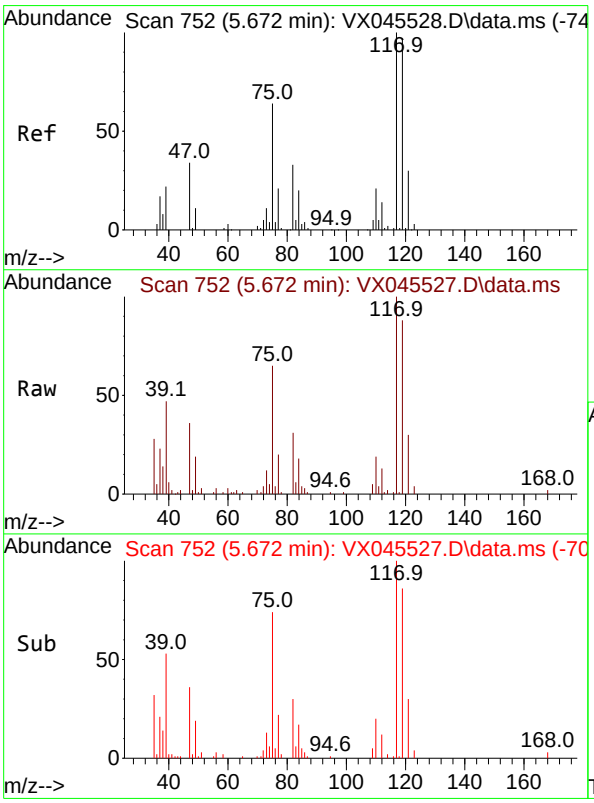
Supervised By :Mahesh Dadoda 04/02/2025

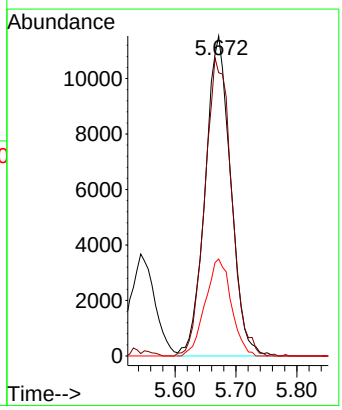


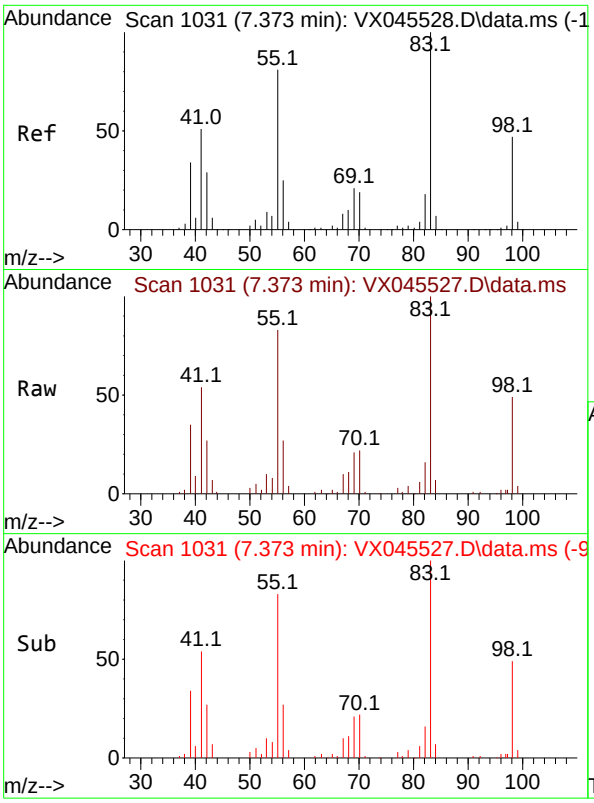


#38
Carbon Tetrachloride
Concen: 20.148 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:117 Resp: 33533

Ion	Ratio	Lower	Upper
117	100		
119	88.5	76.9	115.3
121	30.3	24.2	36.2

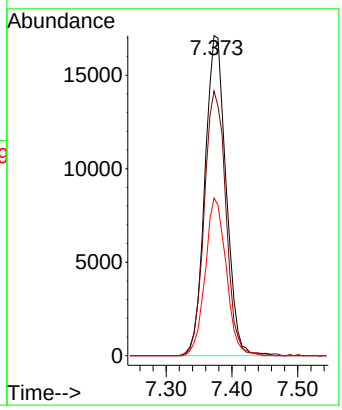




#39
Methylcyclohexane
Concen: 20.291 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 83 Resp: 3830

Ion	Ratio	Lower	Upper
83	100		
55	82.7	64.9	97.3
98	49.2	37.4	56.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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Reviewed By :Amit Patel 04/02/2025
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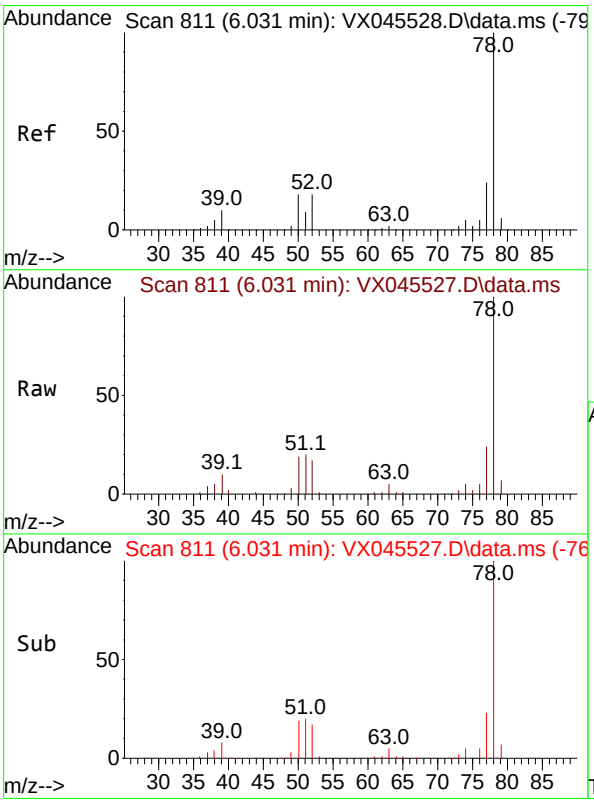
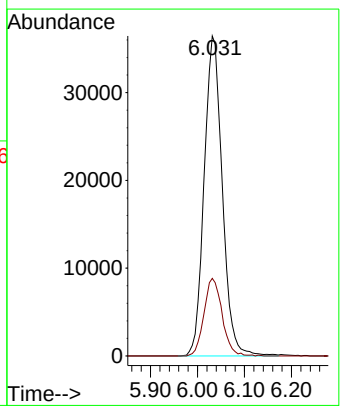
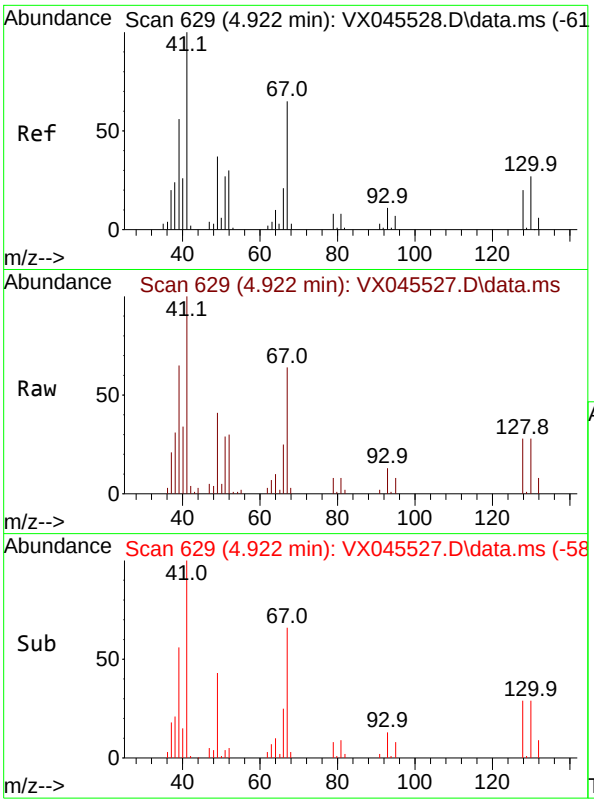


#40
Benzene
Concen: 20.766 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 78 Resp: 97667

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.6

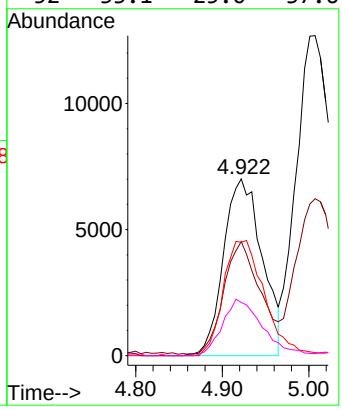




#41
Methacrylonitrile
Concen: 21.046 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 41 Resp: 2174

Ion	Ratio	Lower	Upper
41	100		
39	60.3	47.0	70.6
67	69.9	53.2	79.8
52	33.1	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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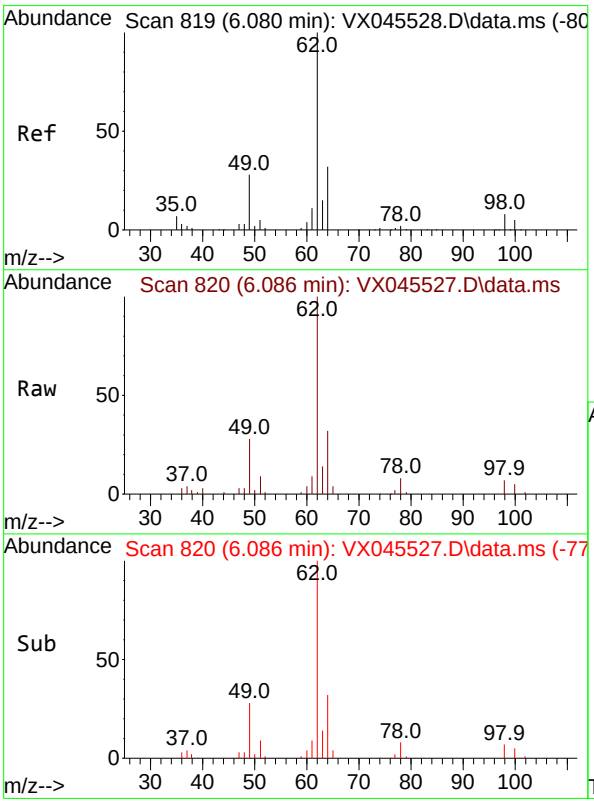
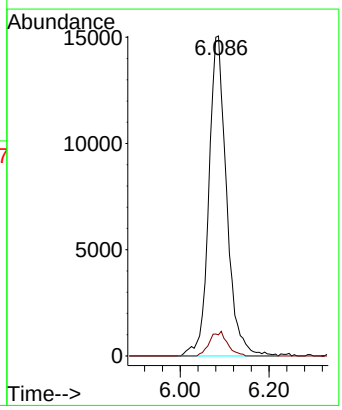
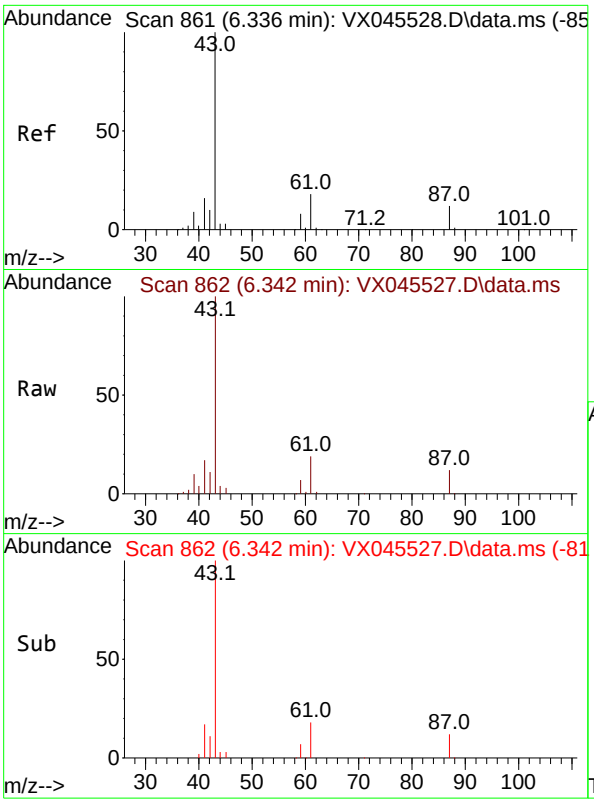


#42
1,2-Dichloroethane
Concen: 21.484 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 62 Resp: 41733

Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	15.2





#43
Isopropyl Acetate
Concen: 20.814 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 6122

Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.1	21.1
87	11.2	9.2	13.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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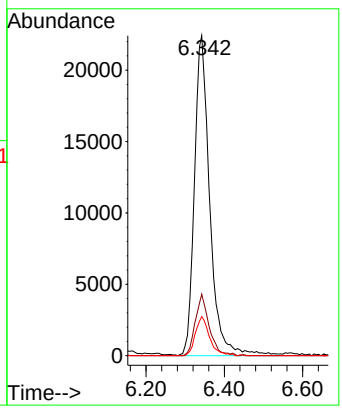
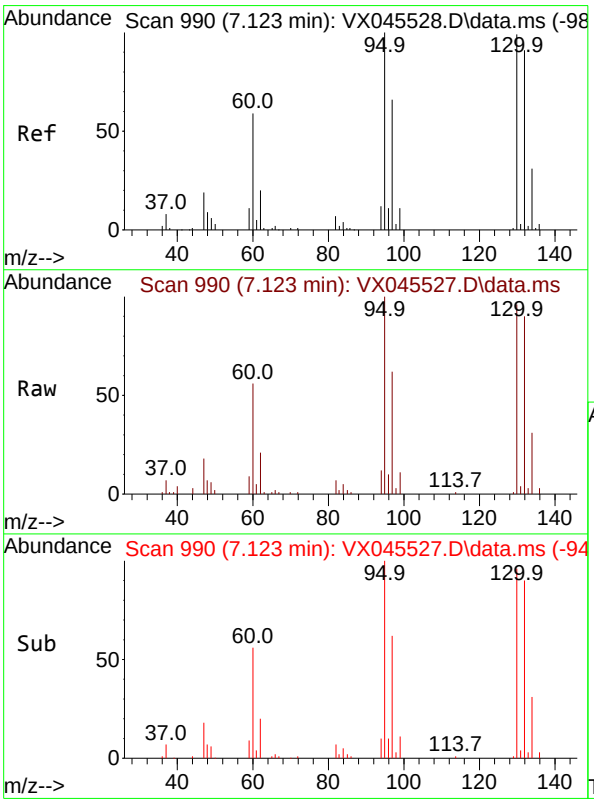
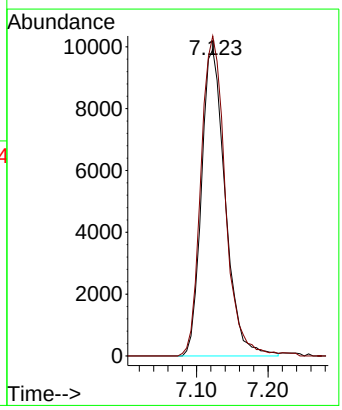


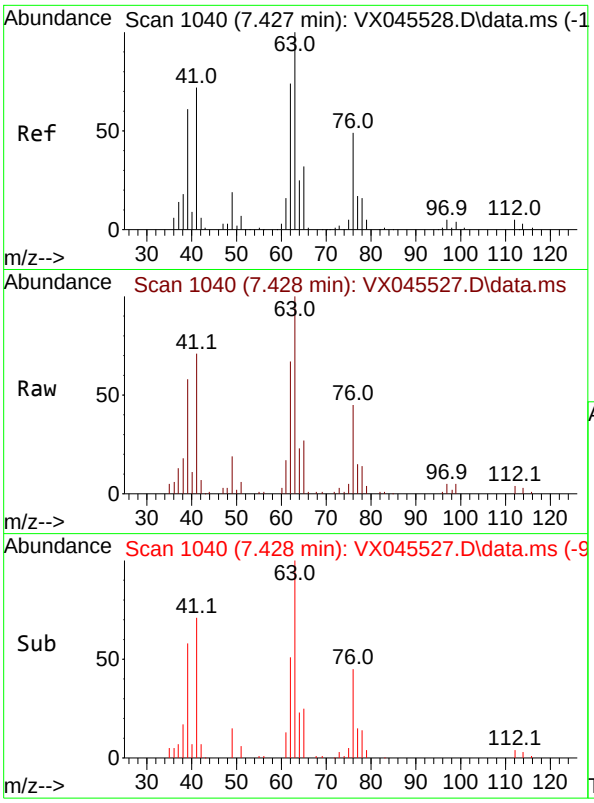


#44
Trichloroethene
Concen: 20.501 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:130 Resp: 22918

Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	202.0

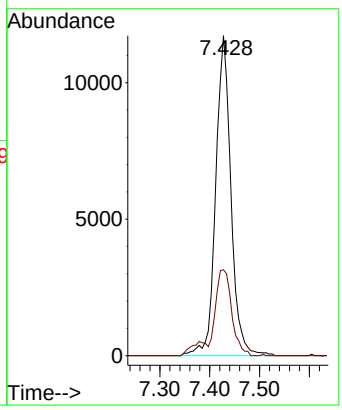




#45
1,2-Dichloropropane
Concen: 21.241 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 63 Resp: 2492

Ion	Ratio	Lower	Upper
63	100		
65	26.9	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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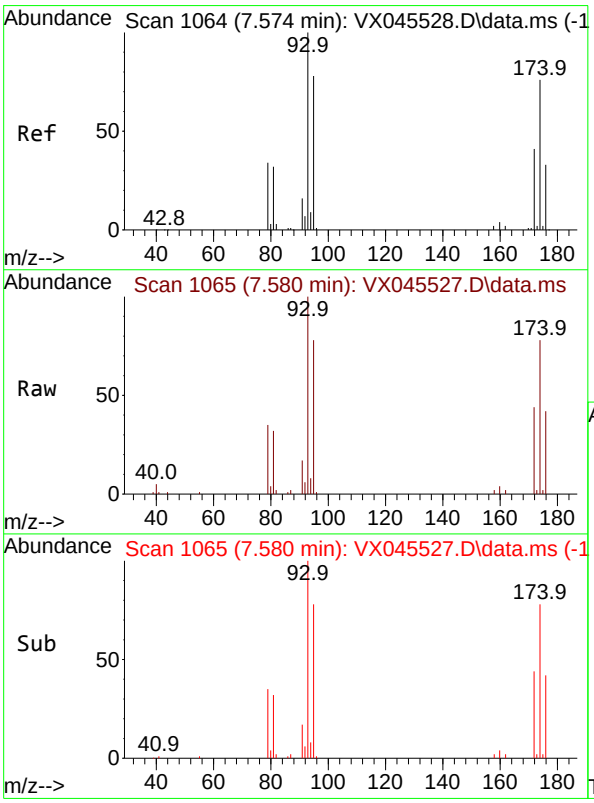
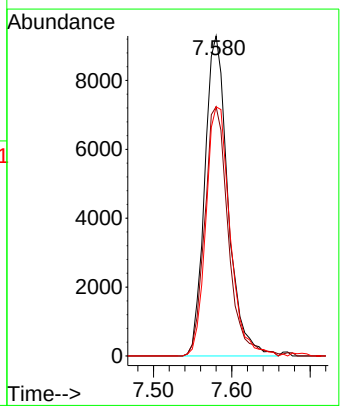
Supervised By :Mahesh Dadoda 04/02/2025

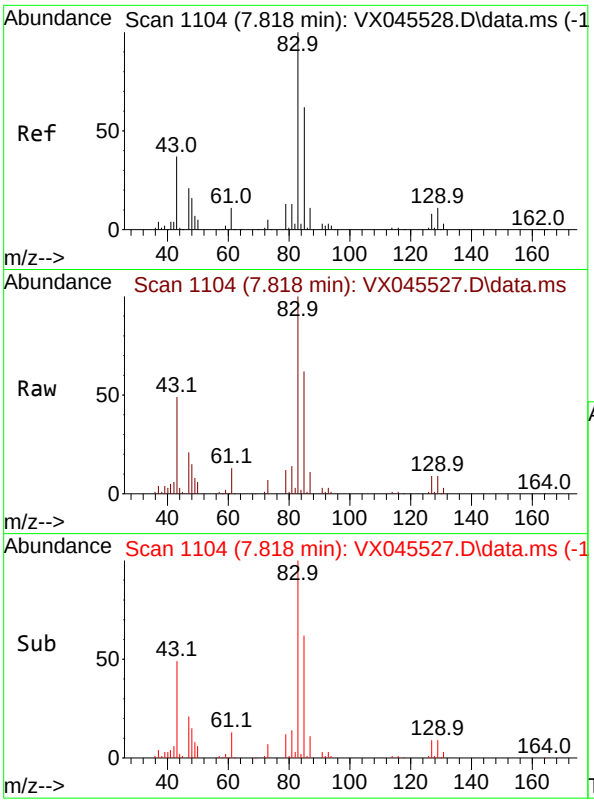


#46
Dibromomethane
Concen: 21.207 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 93 Resp: 19104

Ion	Ratio	Lower	Upper
93	100		
95	79.2	64.8	97.2
174	81.1	65.4	98.0

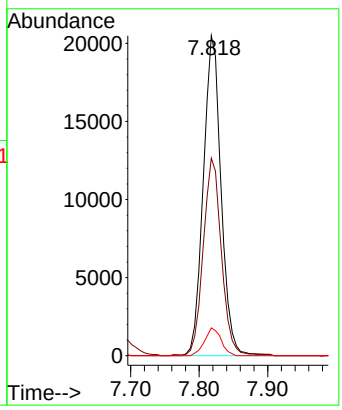




#47
Bromodichloromethane
Concen: 20.587 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 83 Resp: 3703

Ion	Ratio	Lower	Upper
83	100		
85	61.7	49.7	74.5
127	8.7	6.1	9.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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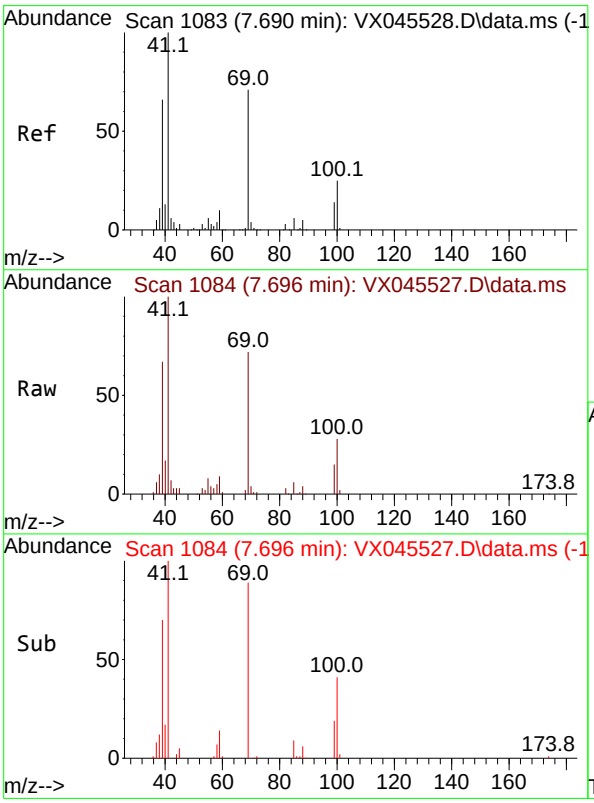
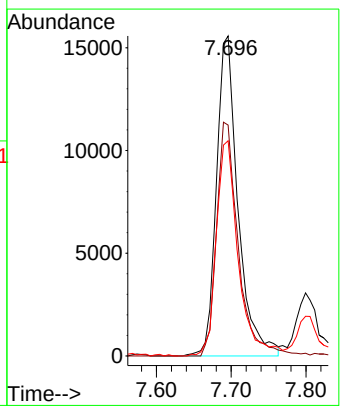
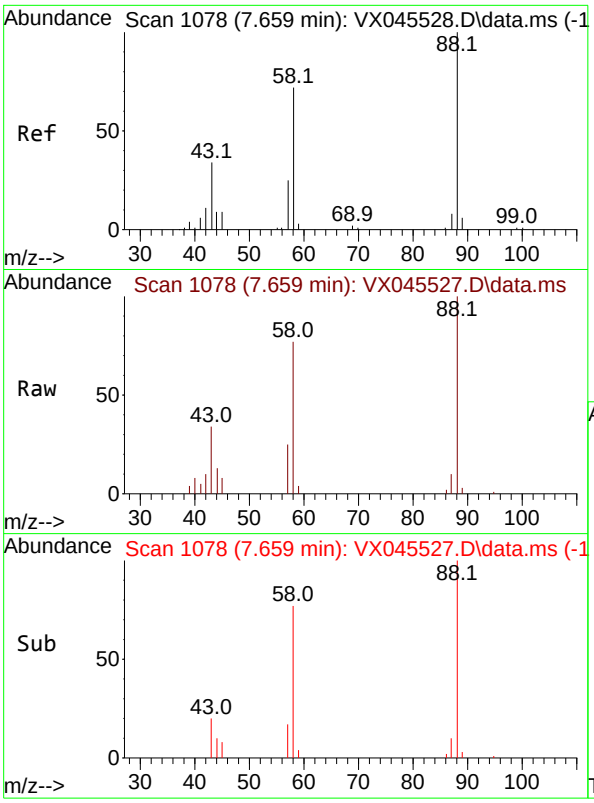


#48
Methyl methacrylate
Concen: 20.575 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 41 Resp: 31247

Ion	Ratio	Lower	Upper
41	100		
69	73.4	58.2	87.2
39	68.7	53.6	80.4





#49
1,4-Dioxane
Concen: 440.515 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 88 Resp: 1210

Ion	Ratio	Lower	Upper
88	100		
43	43.5	32.2	48.4
58	76.4	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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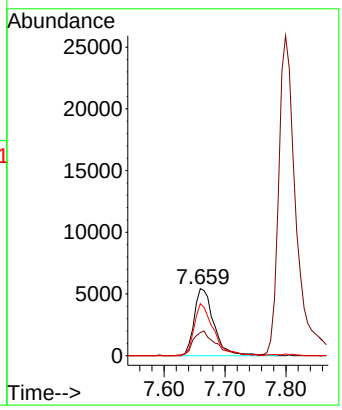
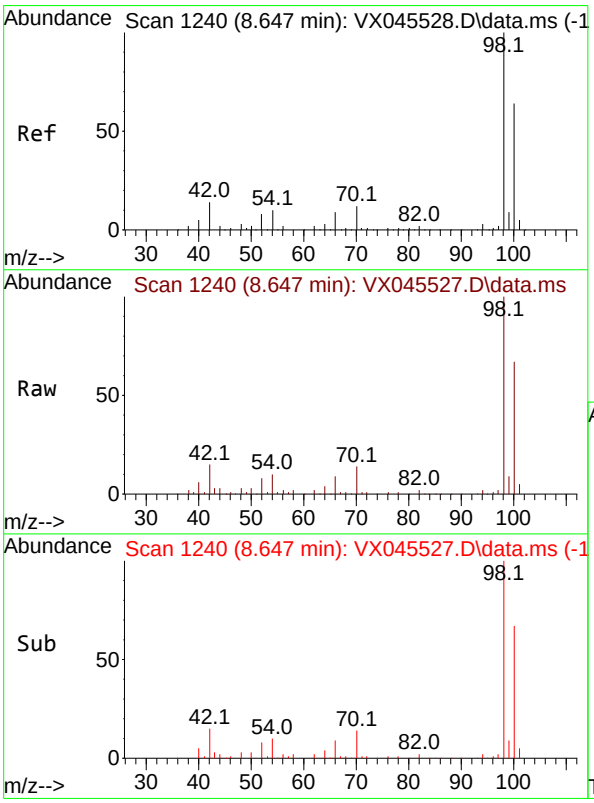
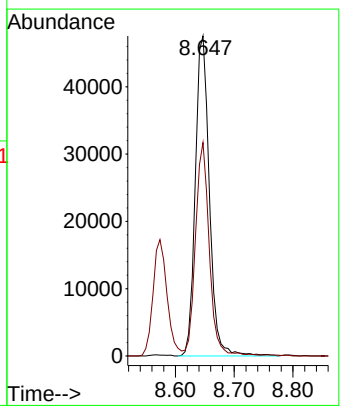


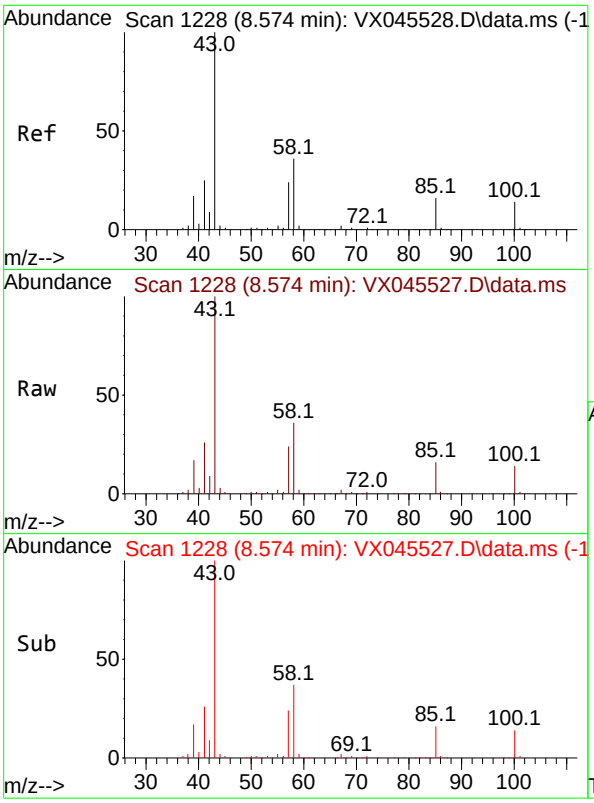


#50
Toluene-d8
Concen: 19.921 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 98 Resp: 79303

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4

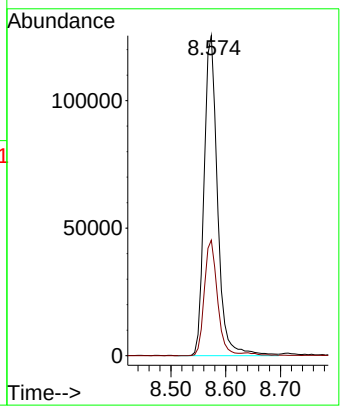




#51
4-Methyl-2-Pentanone
Concen: 109.055 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 21264

Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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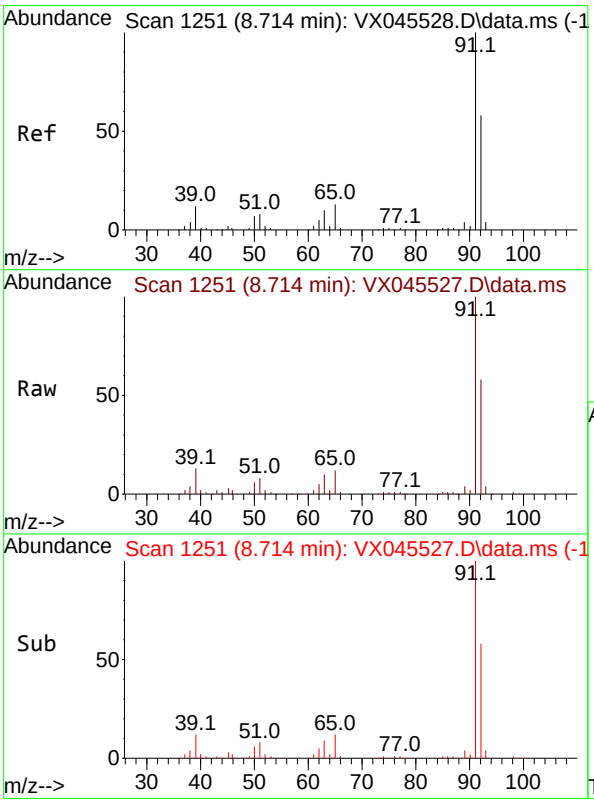
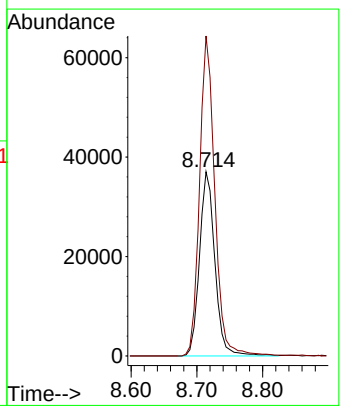
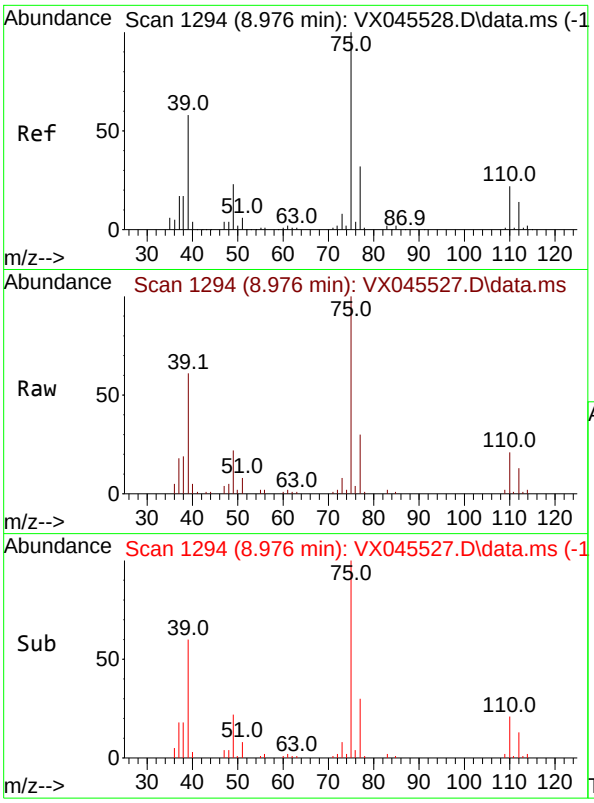


#52
Toluene
Concen: 21.208 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 92 Resp: 60357

Ion	Ratio	Lower	Upper
92	100		
91	171.6	138.7	208.1

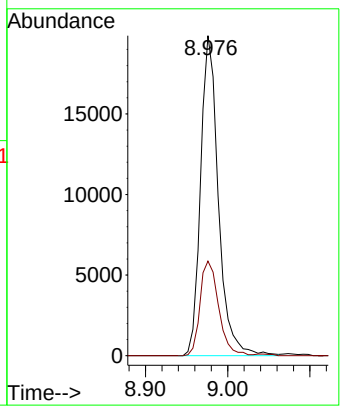




#53
t-1,3-Dichloropropene
Concen: 18.764 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 2987

Ion	Ratio	Lower	Upper
75	100		
77	29.5	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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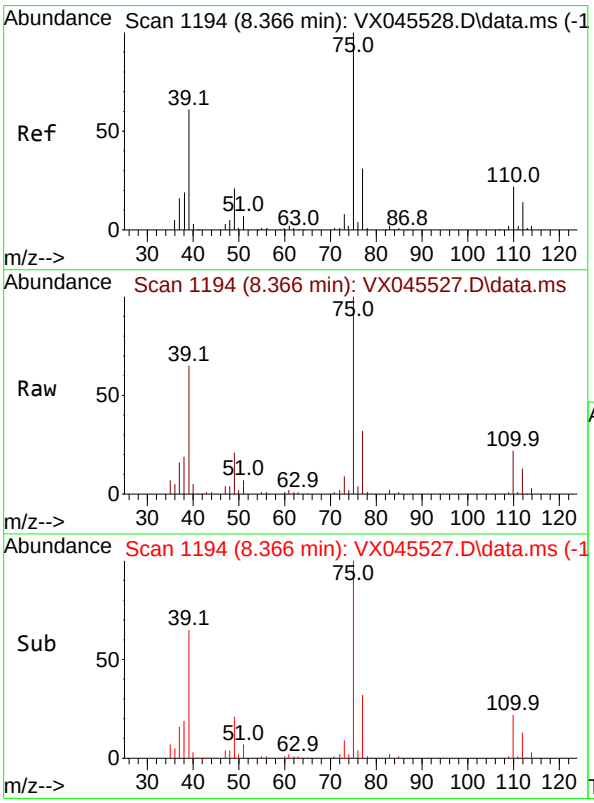
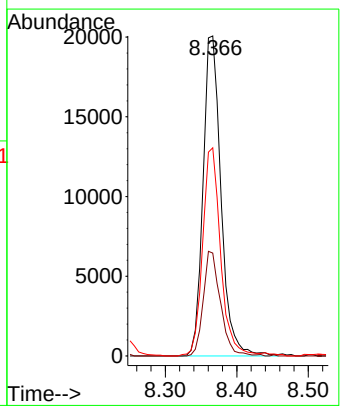
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

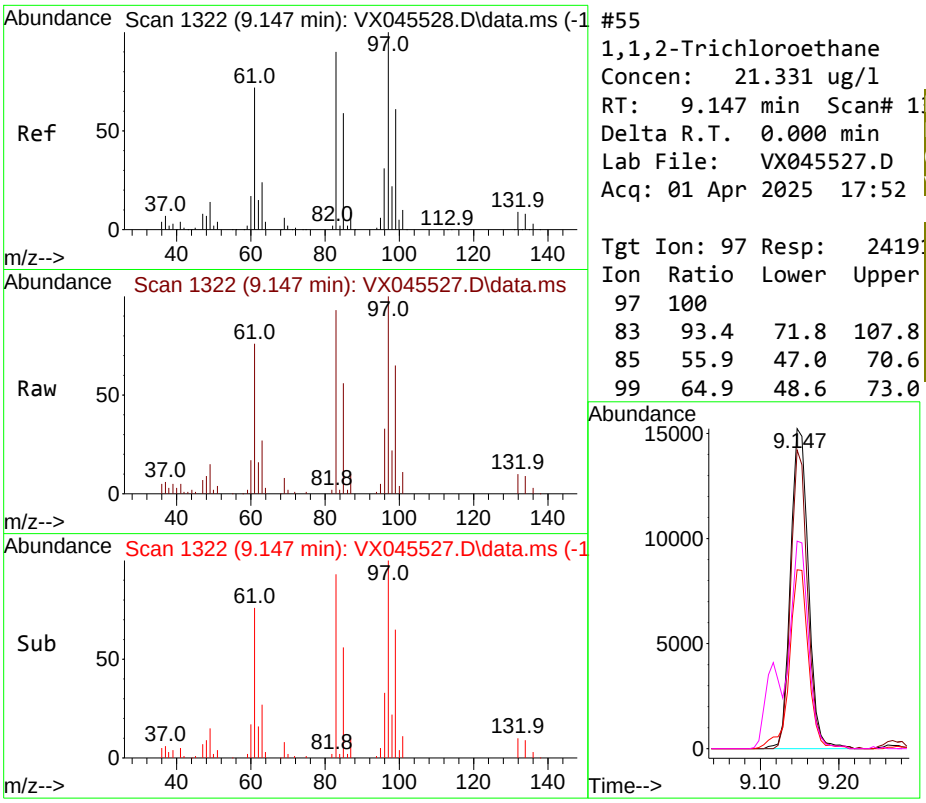


#54
cis-1,3-Dichloropropene
Concen: 20.762 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 35099

Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.6	36.8
39	65.0	48.4	72.6





#55
1,1,2-Trichloroethane
Concen: 21.331 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 97 Resp: 2419

Ion	Ratio	Lower	Upper
97	100		
83	93.4	71.8	107.8
85	55.9	47.0	70.6
99	64.9	48.6	73.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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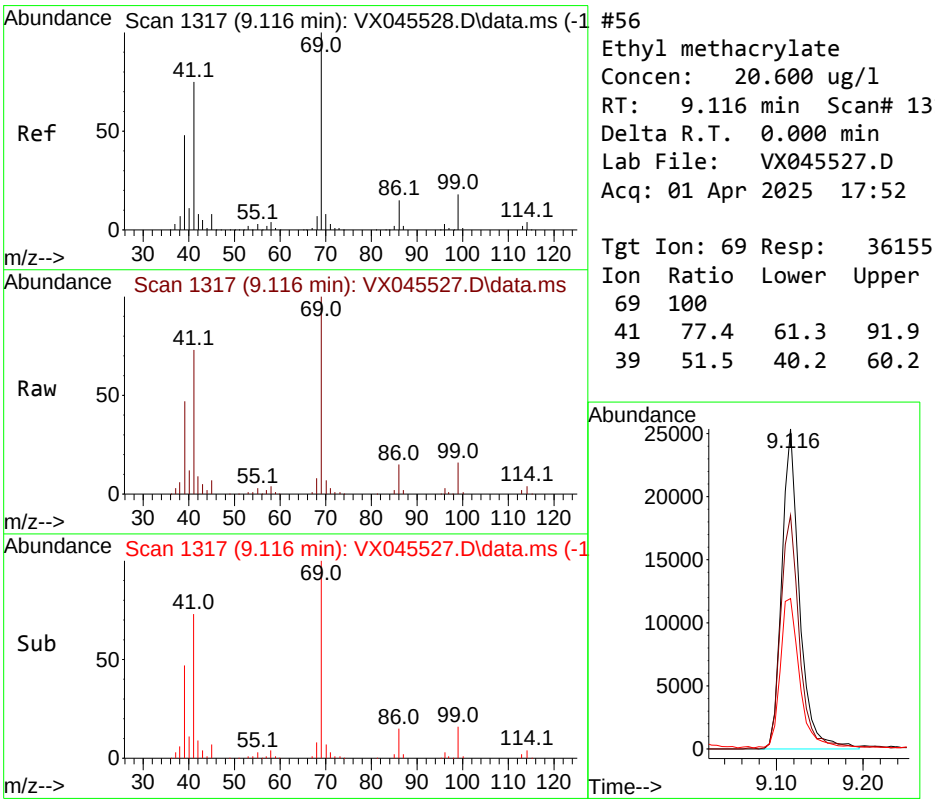
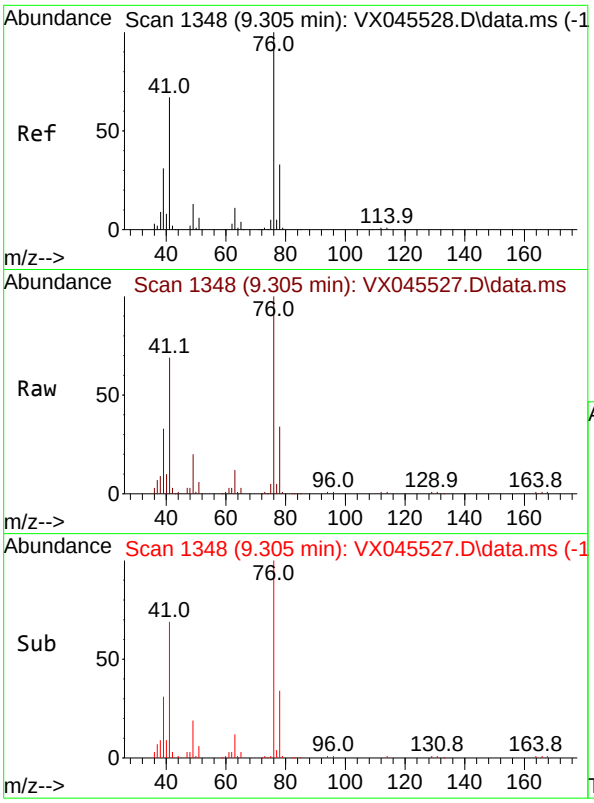


#56
Ethyl methacrylate
Concen: 20.600 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 69 Resp: 36155

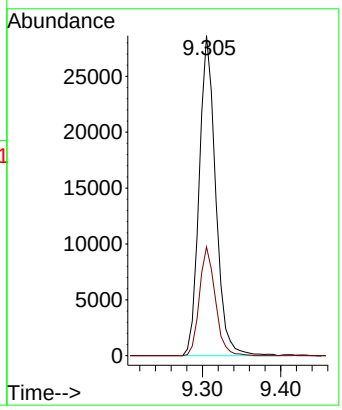
Ion	Ratio	Lower	Upper
69	100		
41	77.4	61.3	91.9
39	51.5	40.2	60.2



#57
1,3-Dichloropropane
Concen: 21.217 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 76 Resp: 4190

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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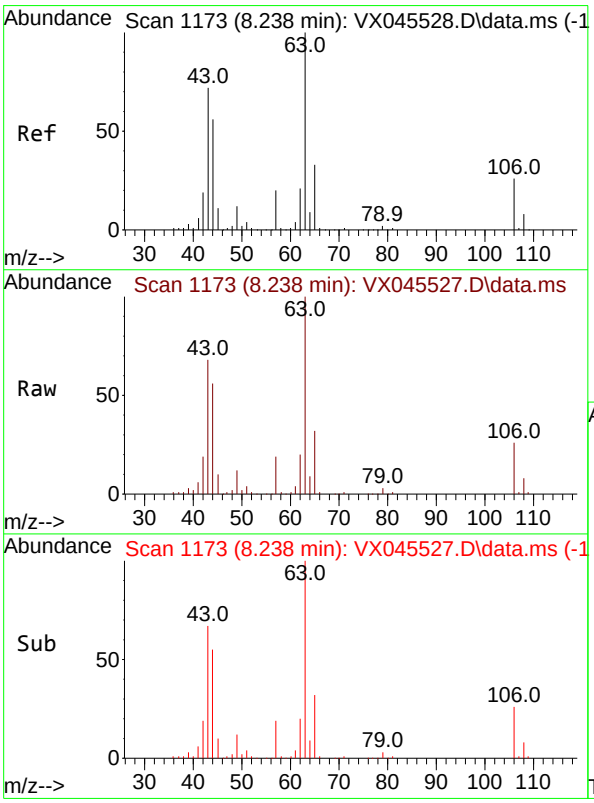
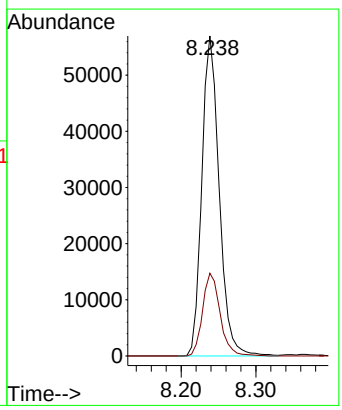
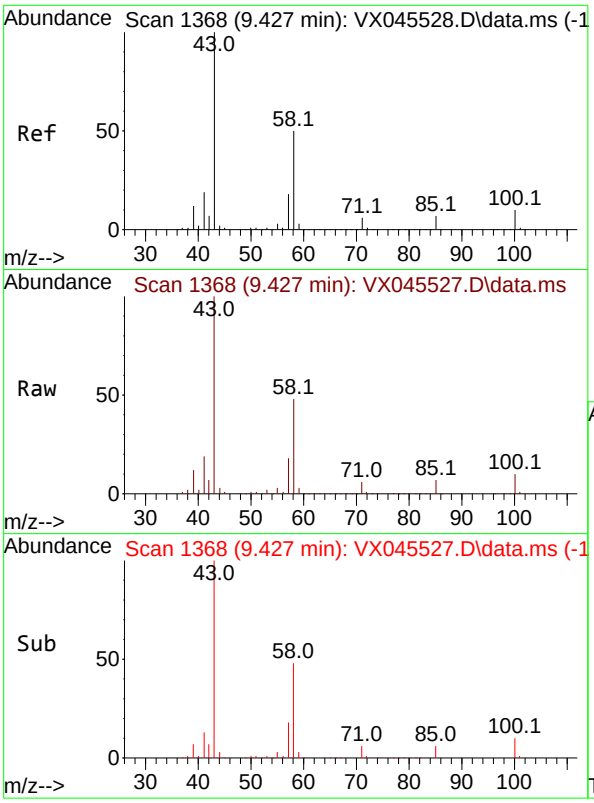


#58
2-Chloroethyl Vinyl ether
Concen: 103.534 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 63 Resp: 91923

Ion	Ratio	Lower	Upper
63	100		
106	26.1	21.0	31.6

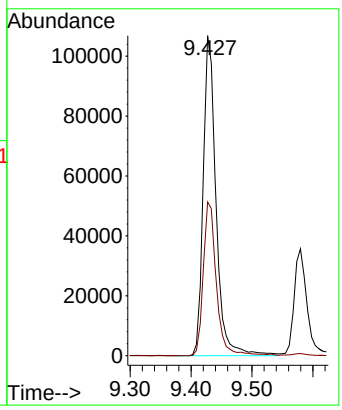




#59
2-Hexanone
Concen: 108.730 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 15699

Ion	Ratio	Lower	Upper
43	100		
58	49.1	24.9	74.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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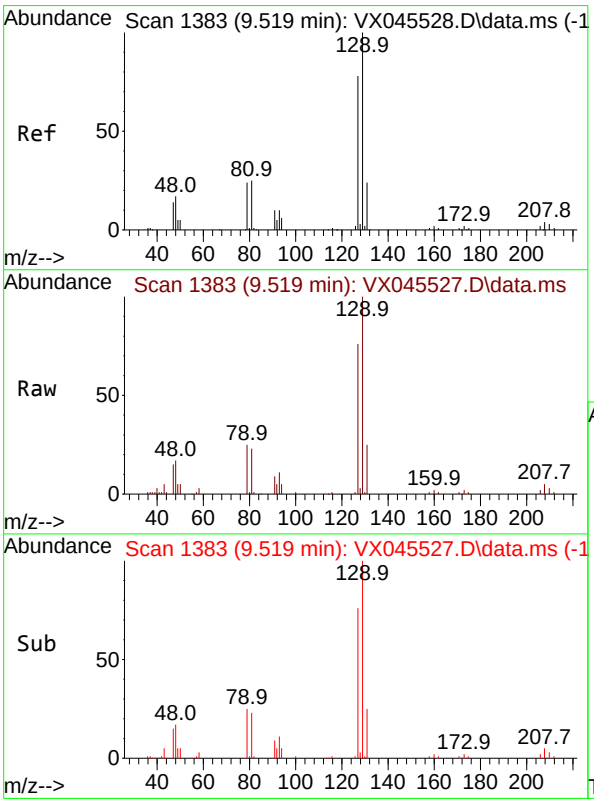
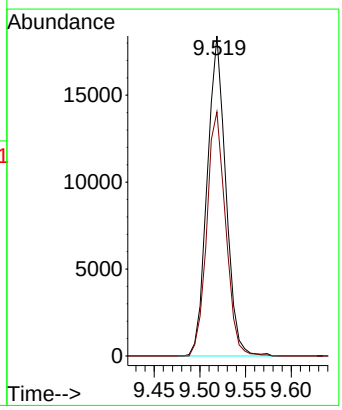
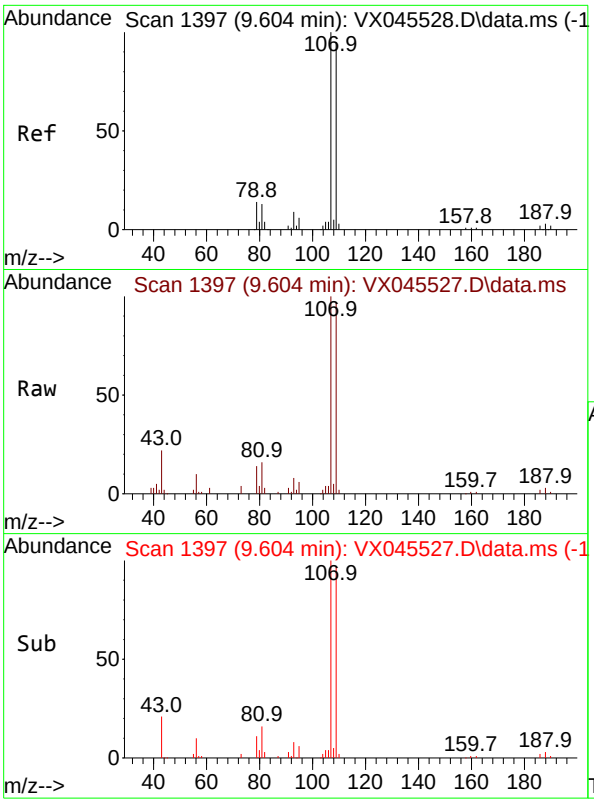


#60
Dibromochloromethane
Concen: 21.023 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:129 Resp: 25992

Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.4	118.2

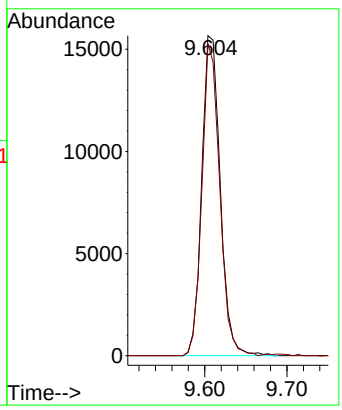




#61
1,2-Dibromoethane
Concen: 21.303 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:107 Resp: 2445

Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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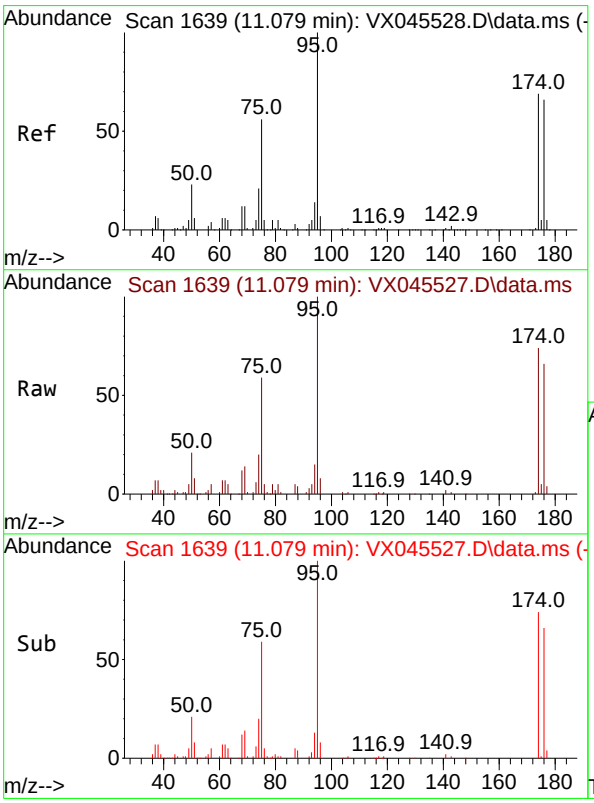
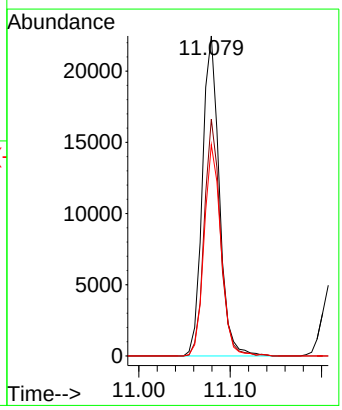
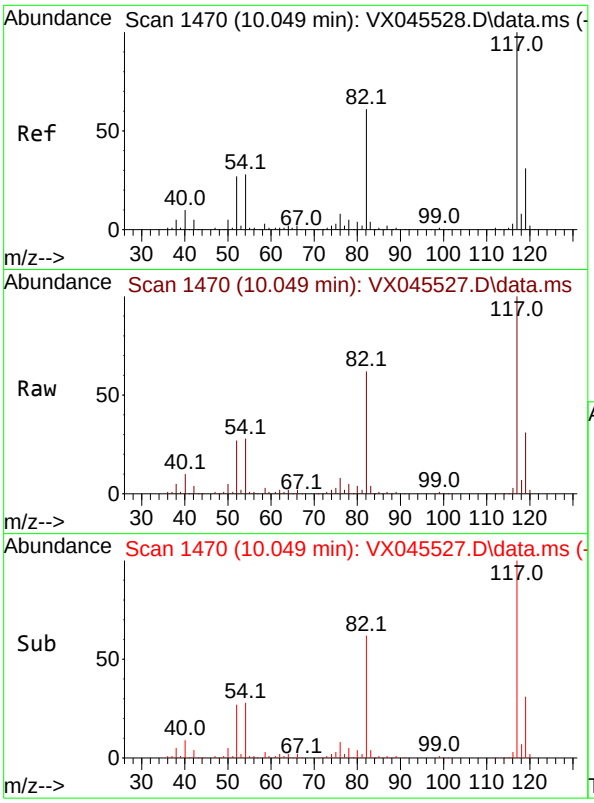


#62
4-Bromofluorobenzene
Concen: 19.858 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 95 Resp: 28795

Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	135.8
176	65.8	0.0	131.4

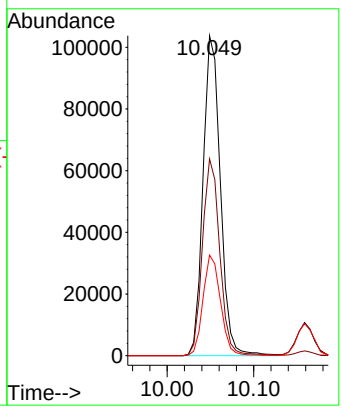




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:117 Resp: 14408

Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.2	73.8
119	31.5	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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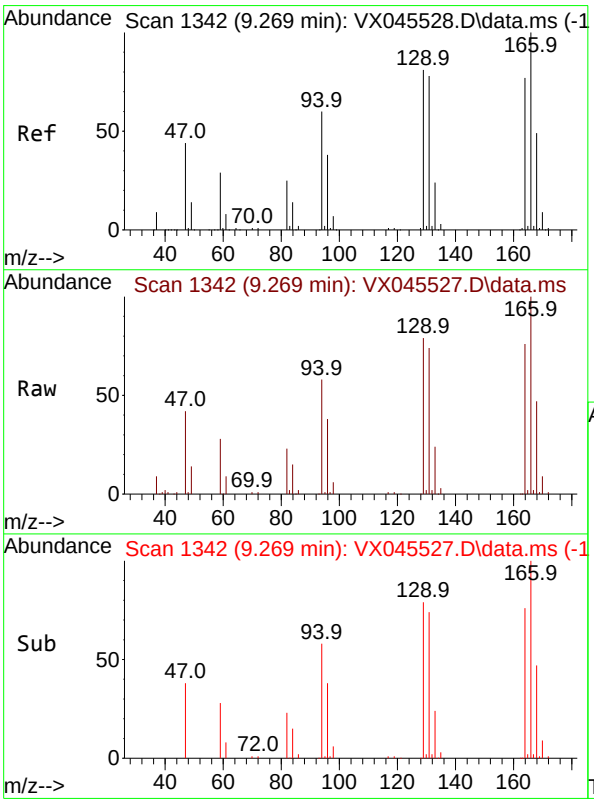
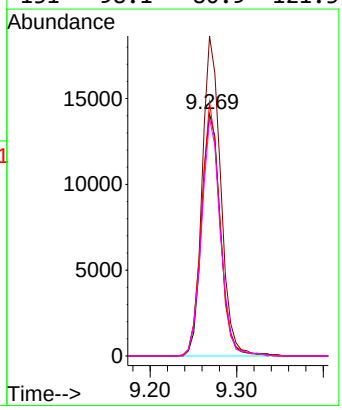
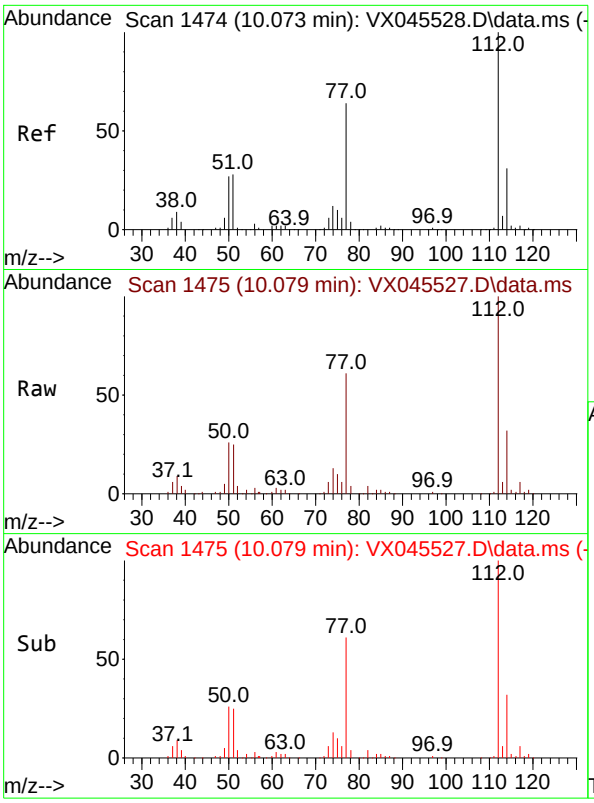


#64
Tetrachloroethene
Concen: 21.015 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:164 Resp: 21379

Ion	Ratio	Lower	Upper
164	100		
166	132.2	103.8	155.8
129	104.9	84.3	126.5
131	98.1	80.9	121.3

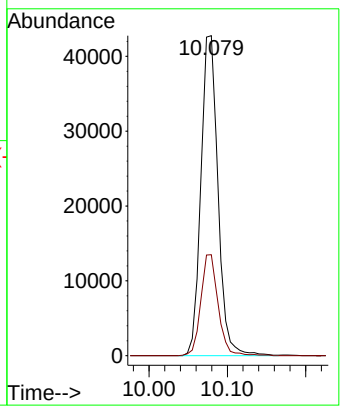




#65
Chlorobenzene
Concen: 21.023 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:112 Resp: 6472

Ion	Ratio	Lower	Upper
112	100		
114	31.6	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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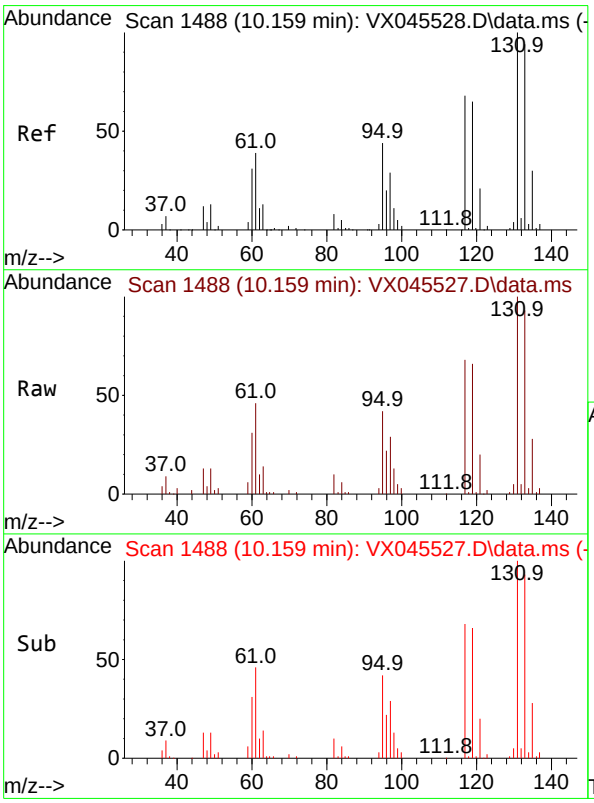
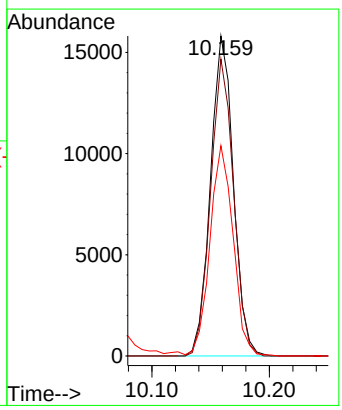
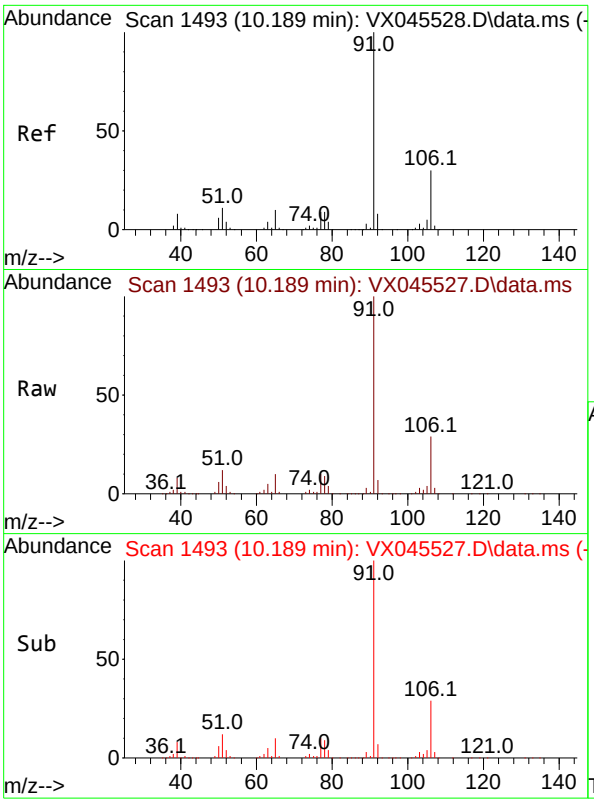


#66
1,1,1,2-Tetrachloroethane
Concen: 20.064 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:131 Resp: 21447

Ion	Ratio	Lower	Upper
131	100		
133	92.8	47.5	142.5
119	66.3	32.9	98.6

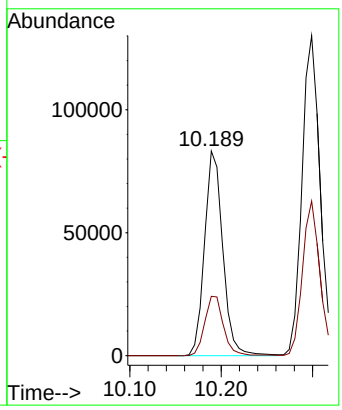




#67
Ethyl Benzene
Concen: 20.921 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 11536

Ion	Ratio	Lower	Upper
91	100		
106	29.0	23.7	35.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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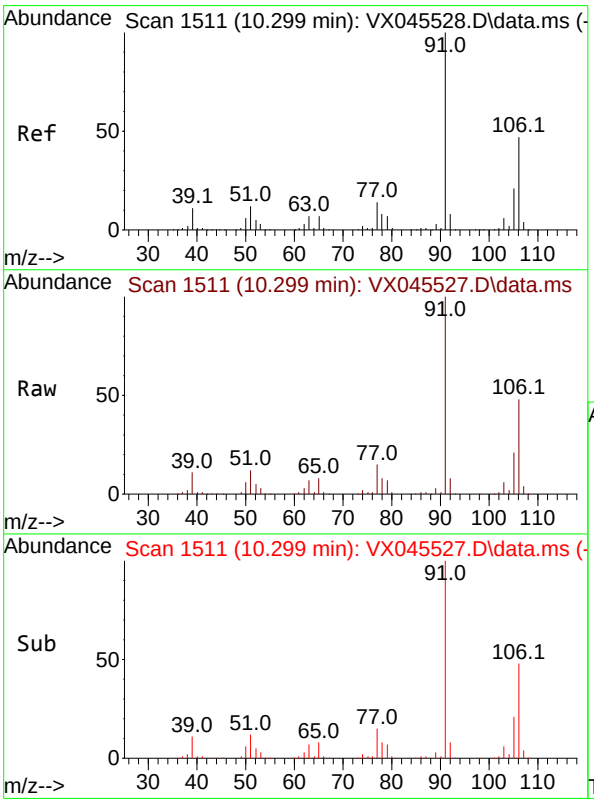
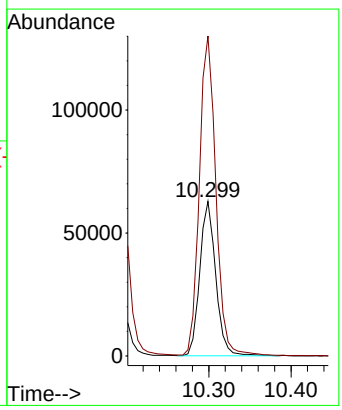
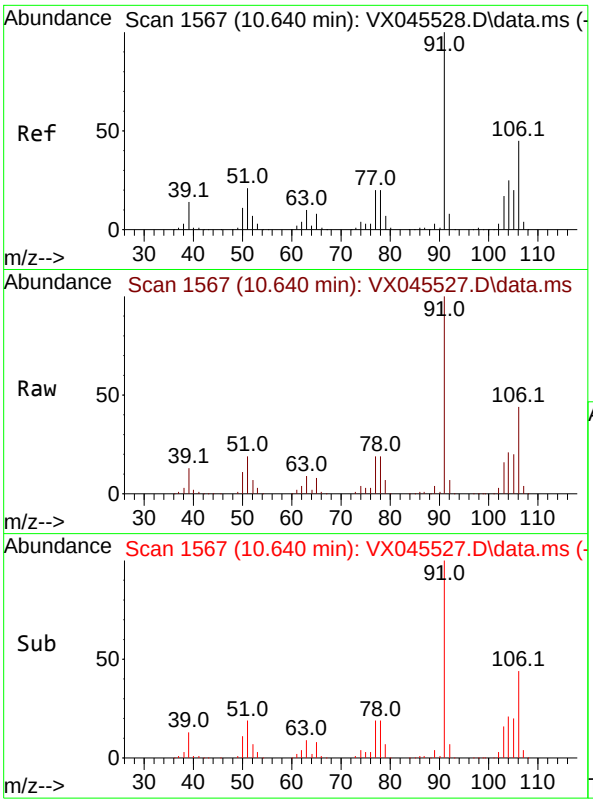


#68
m/p-Xylenes
Concen: 42.092 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:106 Resp: 84420

Ion	Ratio	Lower	Upper
106	100		
91	214.4	172.6	258.8

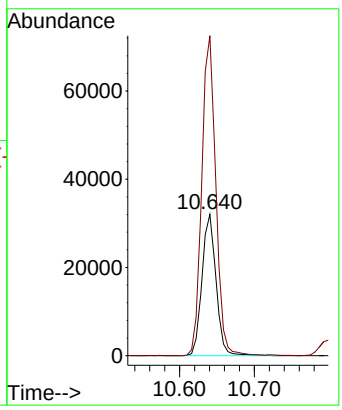




#69
o-Xylene
Concen: 21.158 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:106 Resp: 4180

Ion	Ratio	Lower	Upper
106	100		
91	226.9	113.6	340.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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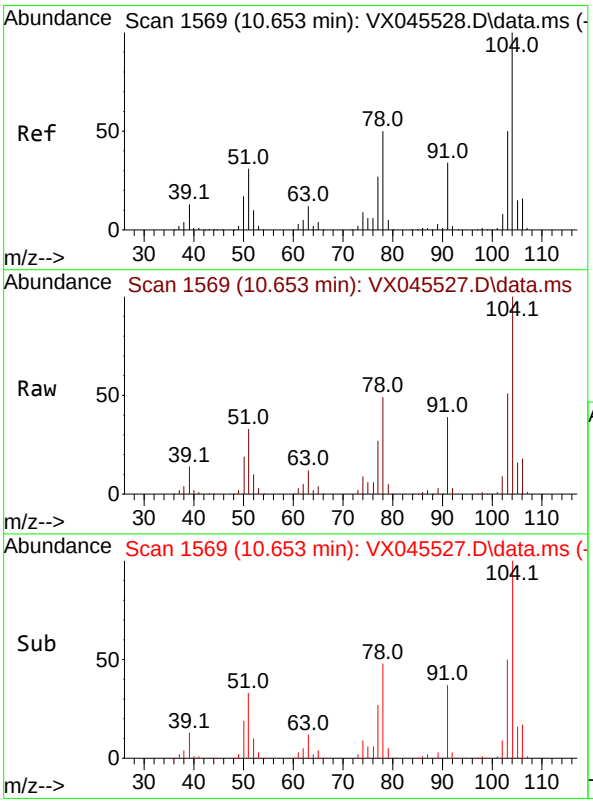
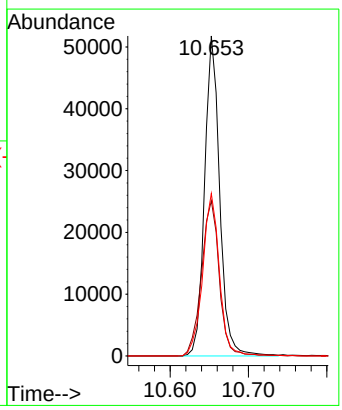
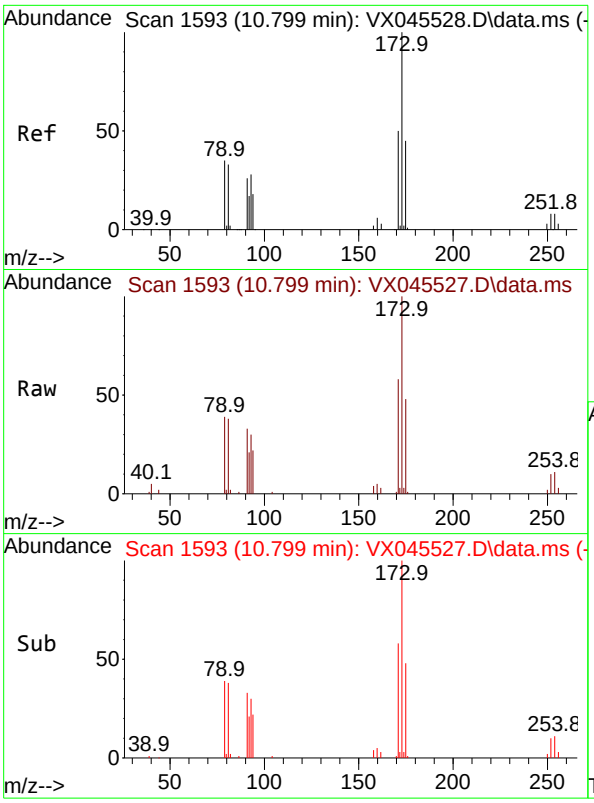


#70
Styrene
Concen: 21.249 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:104 Resp: 69290

Ion	Ratio	Lower	Upper
104	100		
78	57.0	45.4	68.2
103	56.5	43.8	65.8

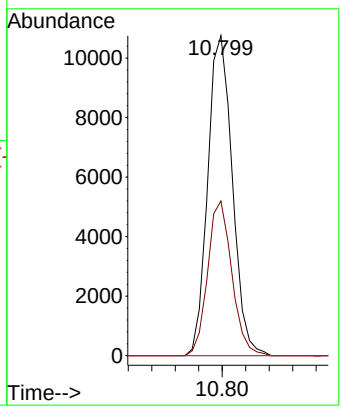




#71
Bromoform
Concen: 19.619 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:173 Resp: 1565

Ion	Ratio	Lower	Upper
173	100		
175	47.5	23.4	70.2
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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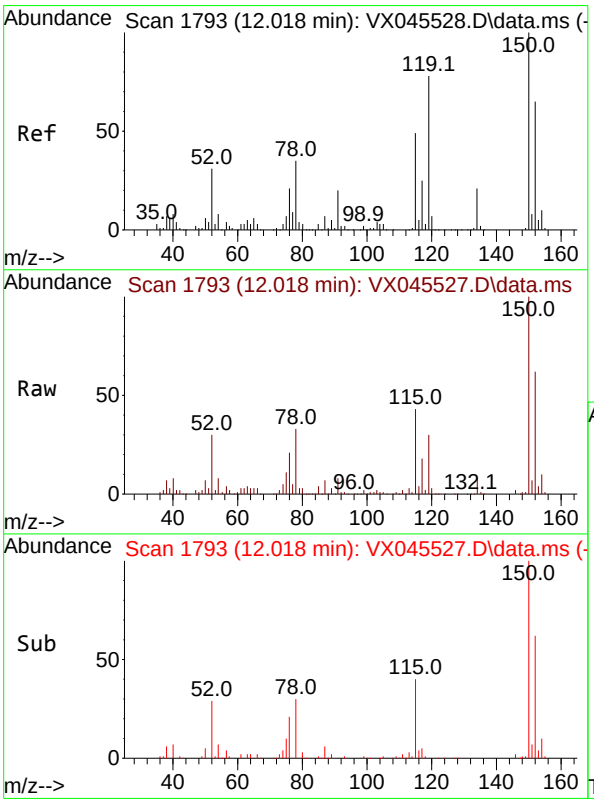
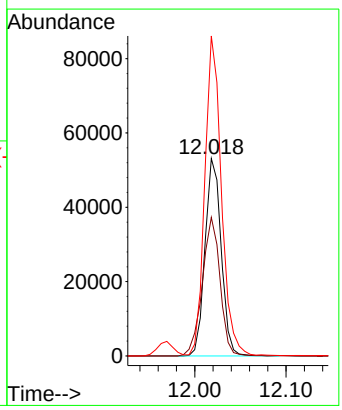
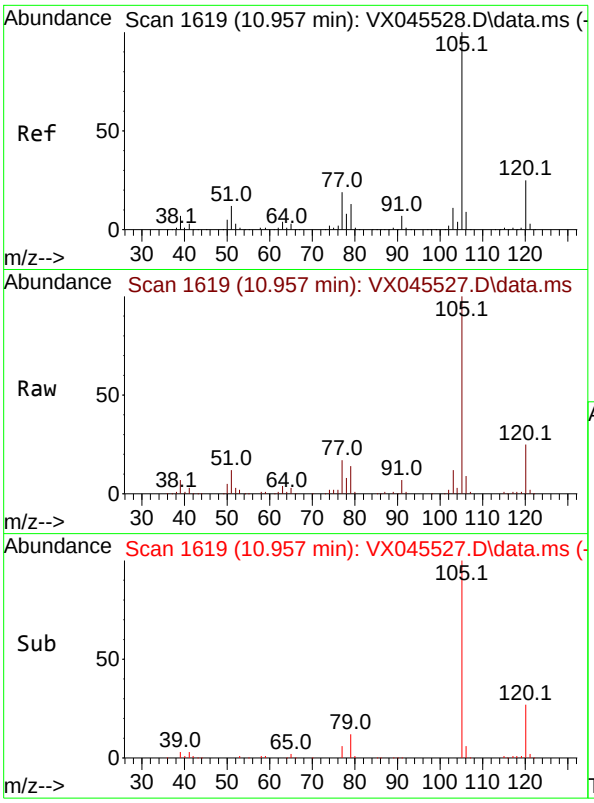


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:152 Resp: 65341

Ion	Ratio	Lower	Upper
152	100		
115	76.8	46.9	140.7
150	166.0	0.0	349.4

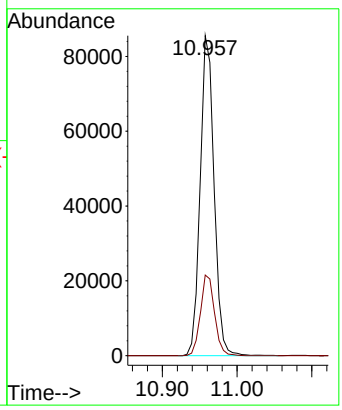




#73
Isopropylbenzene
Concen: 21.093 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:105 Resp: 11039

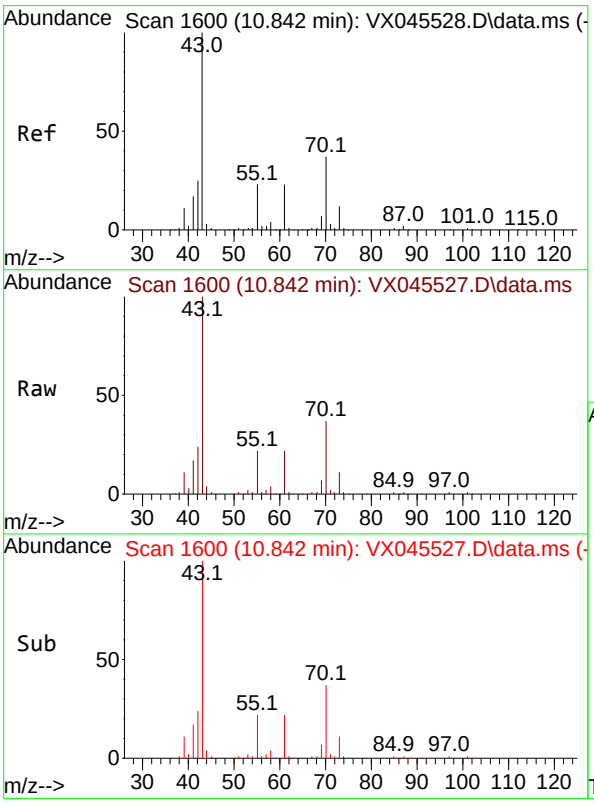
Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.7	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

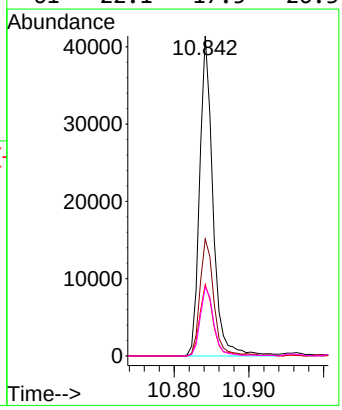
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

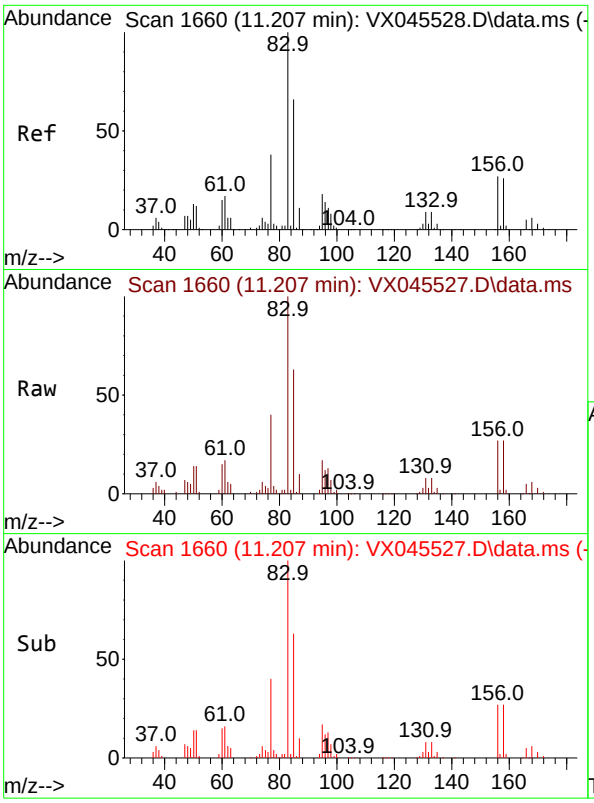


#74
N-amyl acetate
Concen: 20.466 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 43 Resp: 51238

Ion	Ratio	Lower	Upper
43	100		
70	38.1	30.1	45.1
55	22.5	18.3	27.5
61	22.1	17.5	26.3

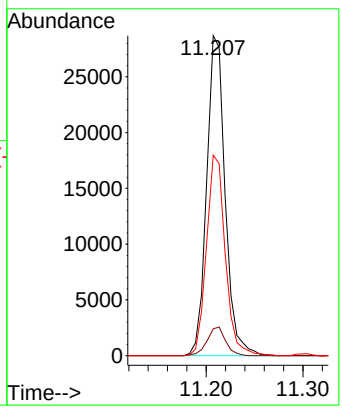




#75
1,1,2,2-Tetrachloroethane
Concen: 20.764 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 83 Resp: 3817

Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.7	14.1
85	63.7	32.4	97.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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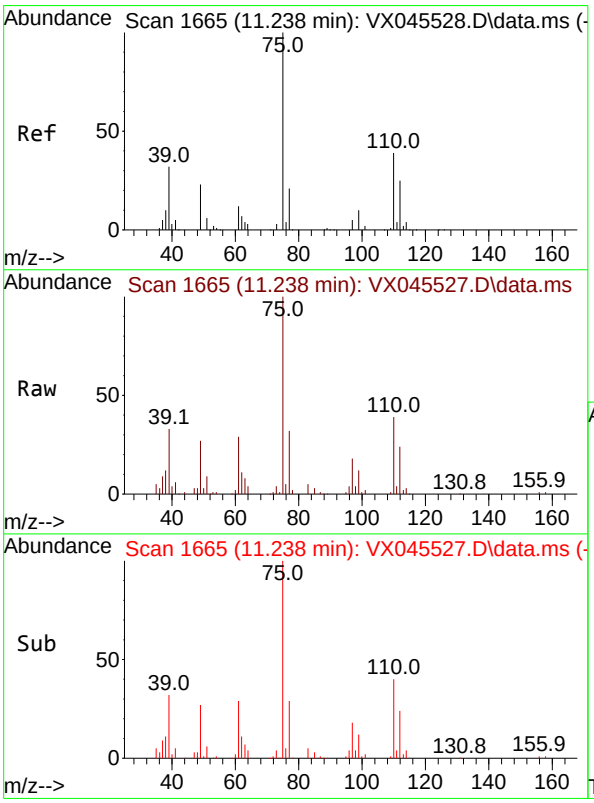
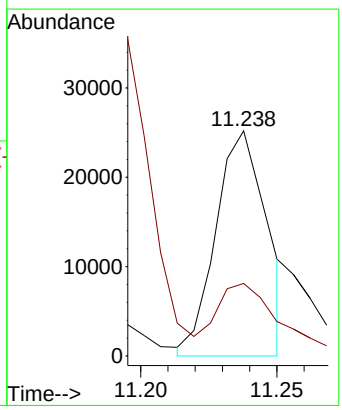
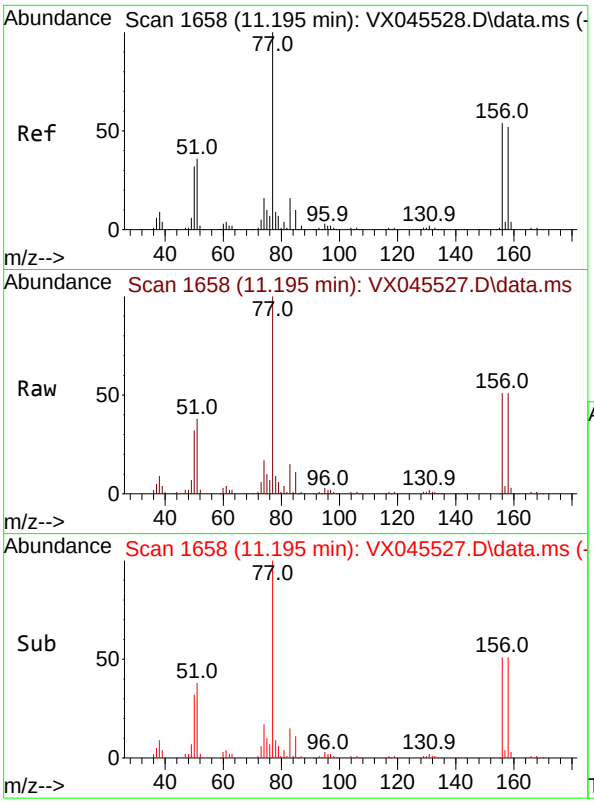


#76
1,2,3-Trichloropropane
Concen: 20.510 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 32690

Ion	Ratio	Lower	Upper
75	100		
77	41.2	20.0	59.9





#77
Bromobenzene
Concen: 20.592 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:156 Resp: 2490

Ion	Ratio	Lower	Upper
156	100		
77	185.0	92.6	277.8
158	96.7	48.1	144.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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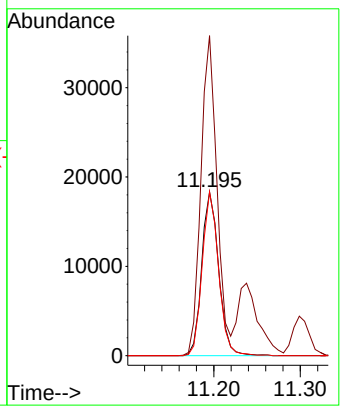
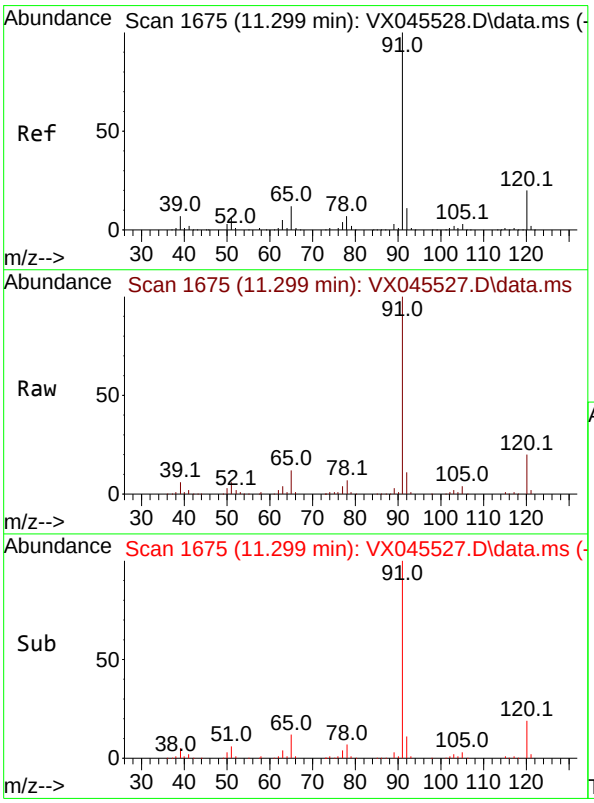
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

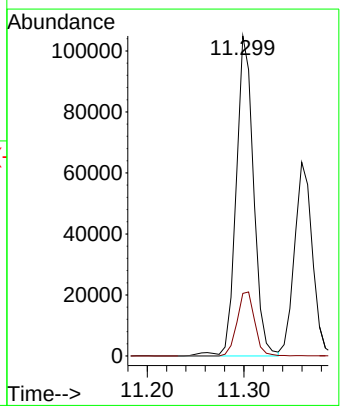


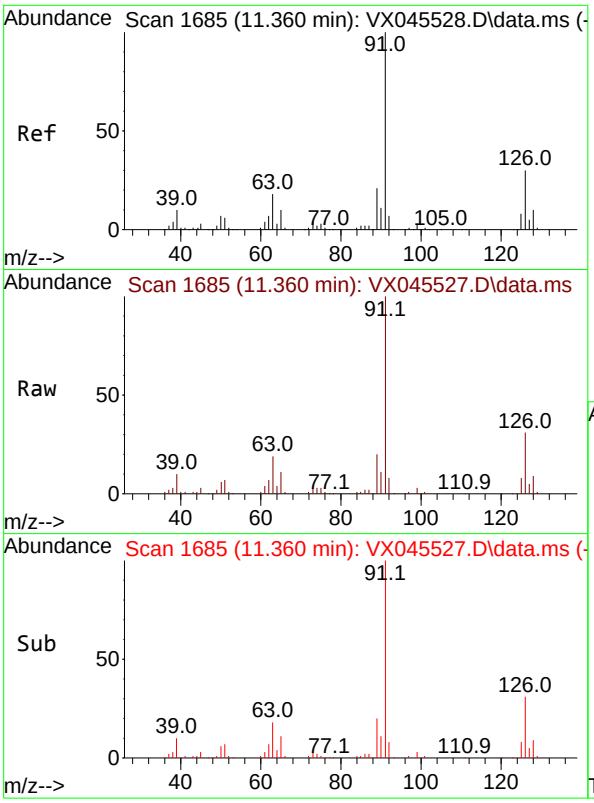


#78
n-propylbenzene
Concen: 21.729 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 130994

Ion	Ratio	Lower	Upper
91	100		
120	20.5	10.8	32.3





#79
2-Chlorotoluene
Concen: 21.229 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 8181

Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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Reviewed By :Amit Patel 04/02/2025
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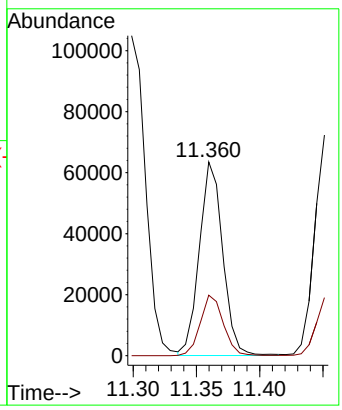
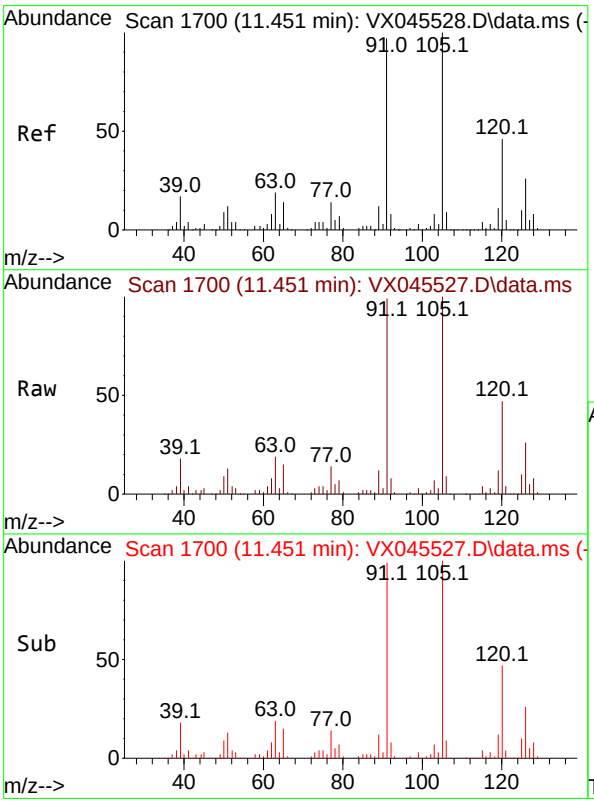
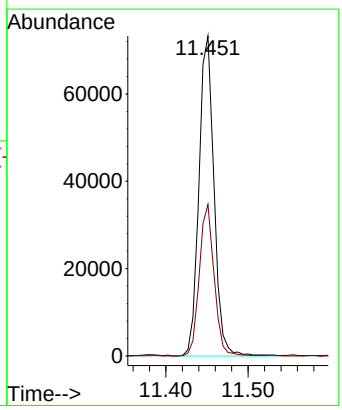


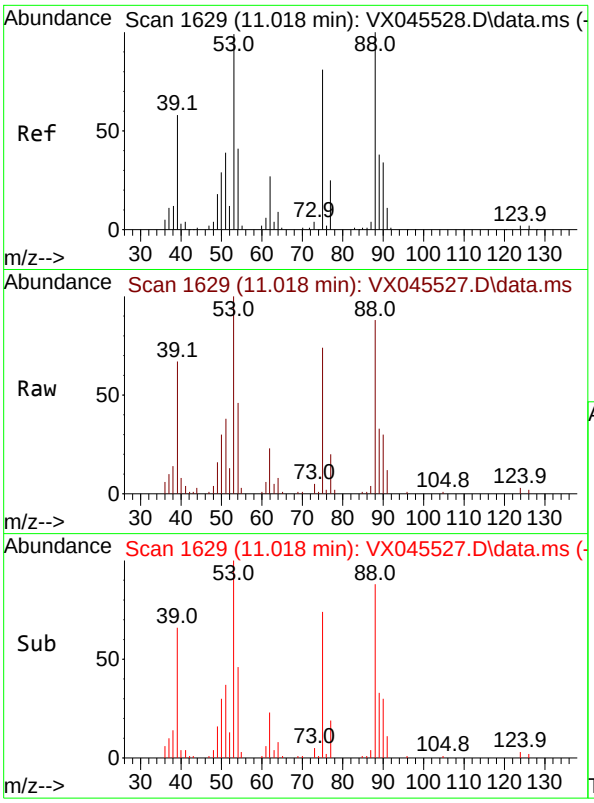


#80
1,3,5-Trimethylbenzene
Concen: 21.564 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:105 Resp: 93328

Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.0	69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.961 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 843

Ion	Ratio	Lower	Upper
75	100		
53	144.7	101.8	152.6
89	45.5	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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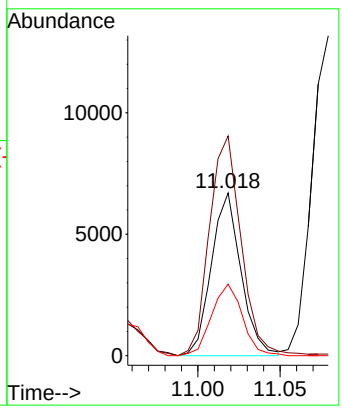
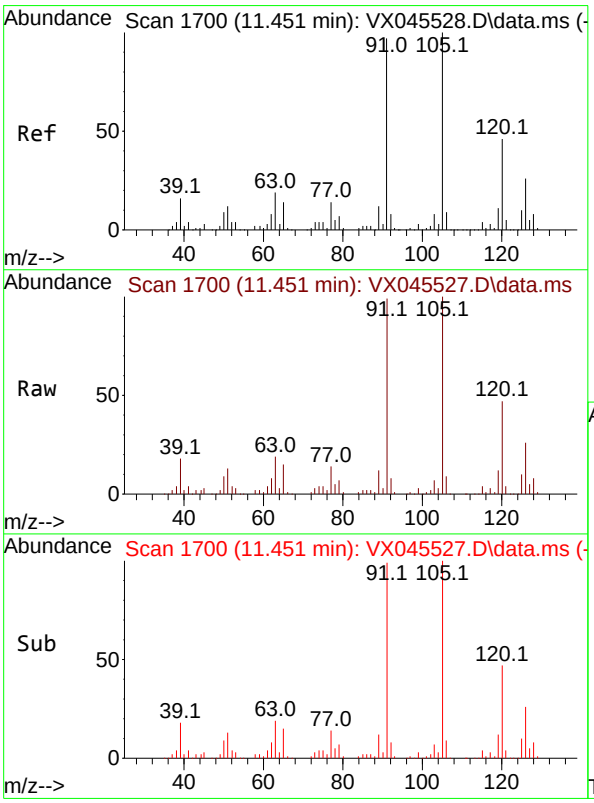
Supervised By :Mahesh Dadoda 04/02/2025

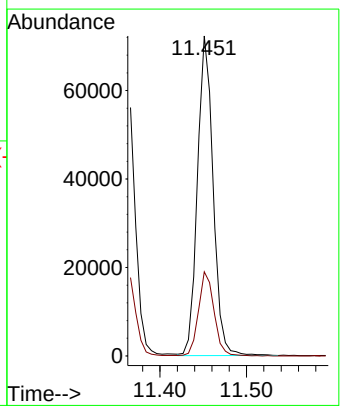


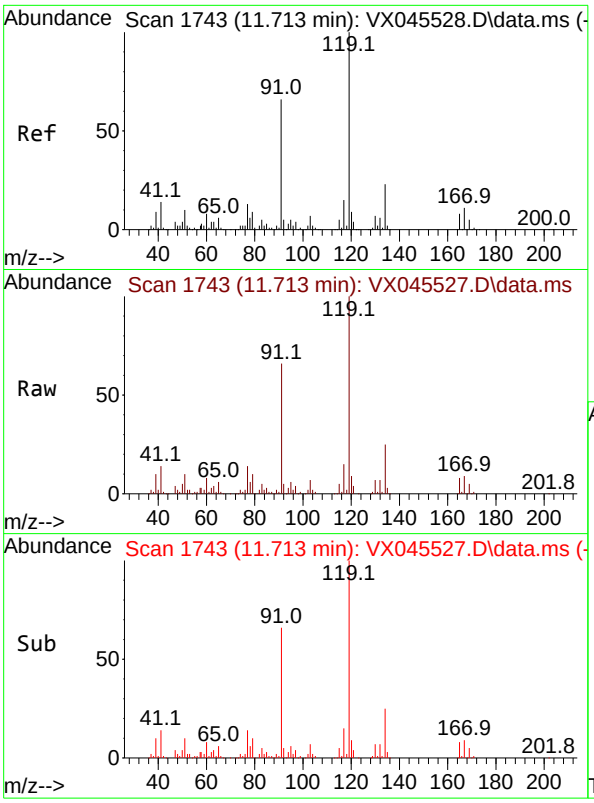


#82
4-Chlorotoluene
Concen: 21.108 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 90704

Ion	Ratio	Lower	Upper
91	100		
126	26.2	13.3	39.9

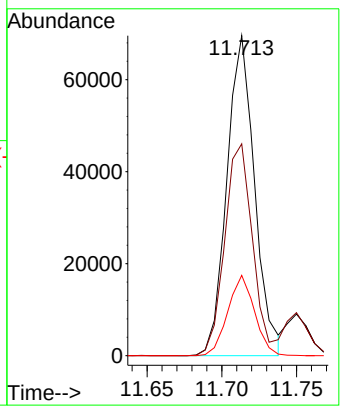




#83
tert-Butylbenzene
Concen: 20.964 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:119 Resp: 8982

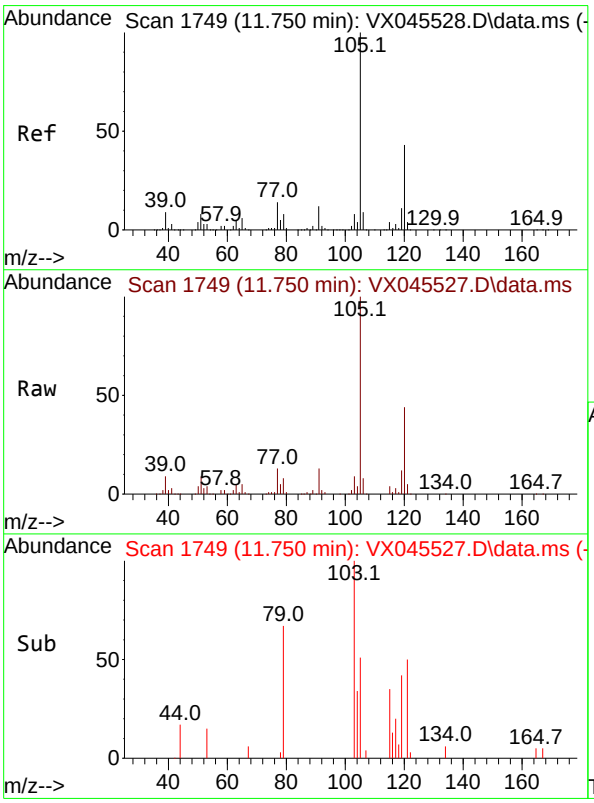
Ion	Ratio	Lower	Upper
119	100		
91	65.7	32.4	97.2
134	24.2	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

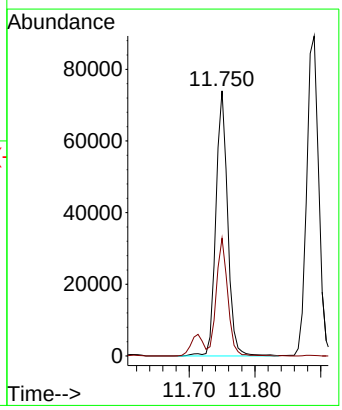
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

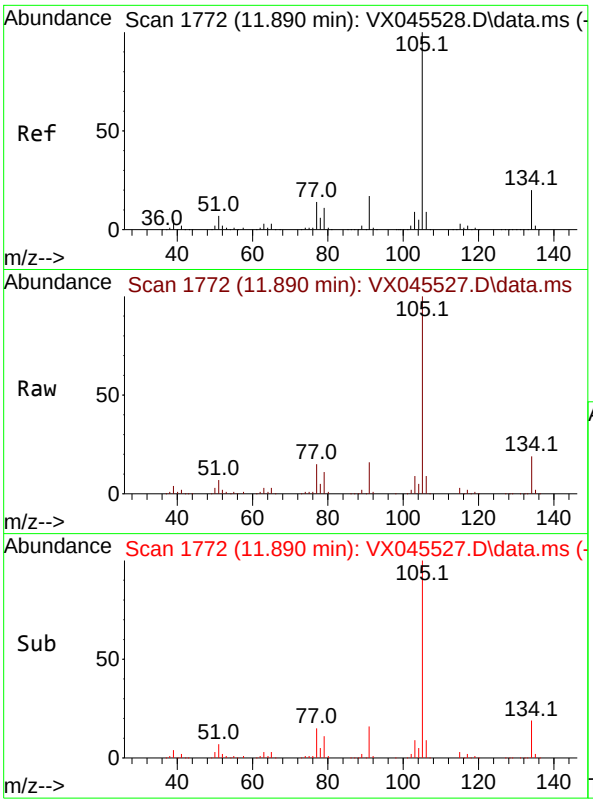


#84
1,2,4-Trimethylbenzene
Concen: 21.235 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:105 Resp: 92242

Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.4	64.3

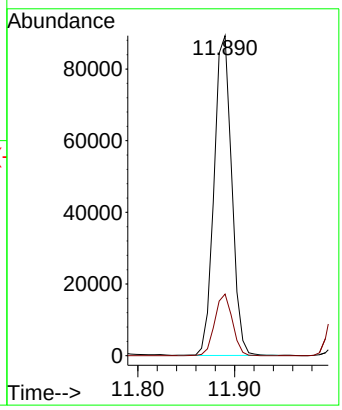




#85
sec-Butylbenzene
Concen: 21.433 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:105 Resp: 11280

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.6	28.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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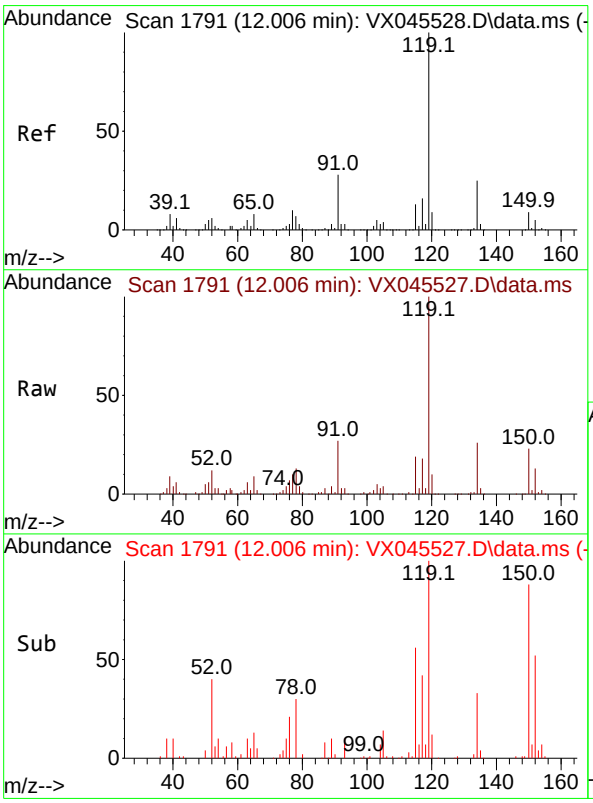
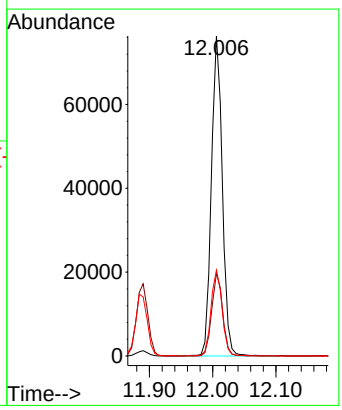
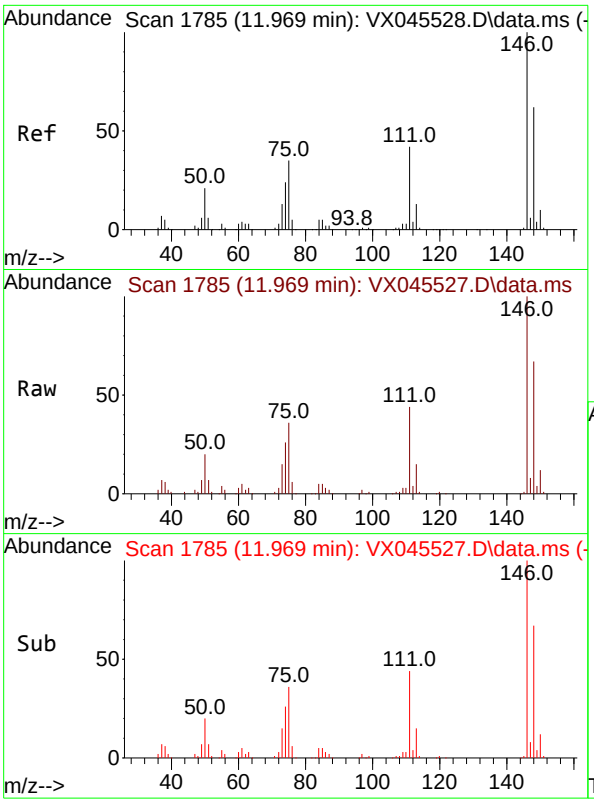


#86
p-Isopropyltoluene
Concen: 21.173 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:119 Resp: 91866

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.8
91	27.1	13.7	41.1

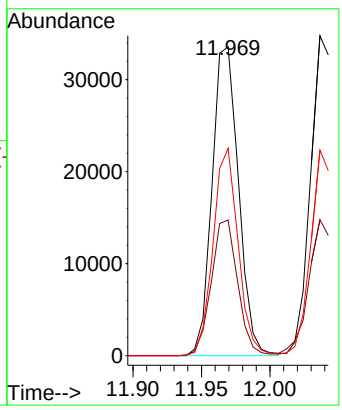




#87
1,3-Dichlorobenzene
Concen: 20.490 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:146 Resp: 4510

Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.6	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

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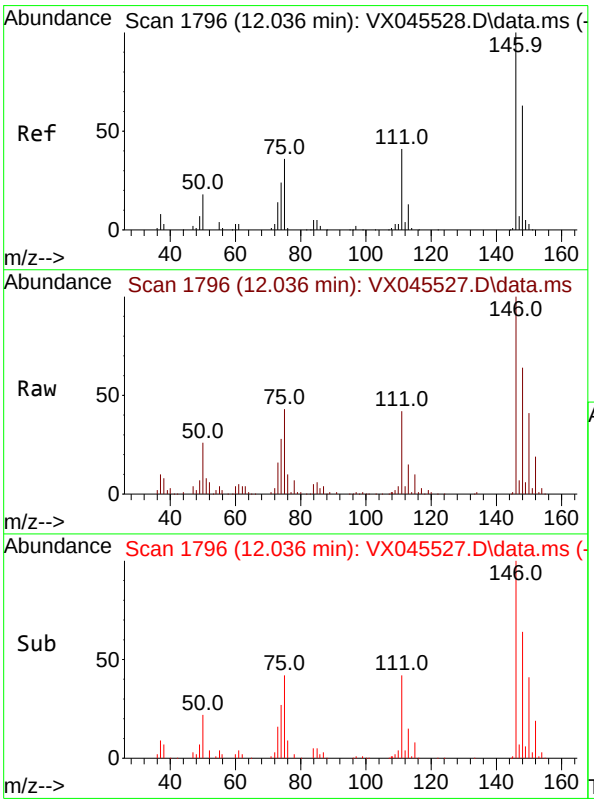
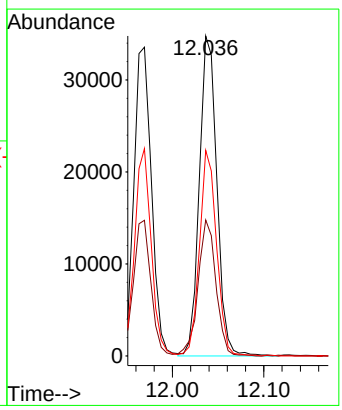
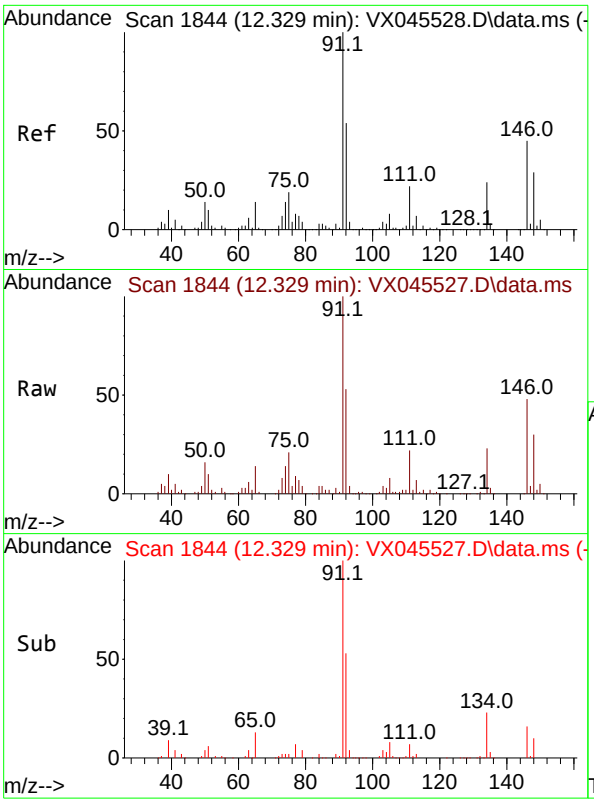


#88
1,4-Dichlorobenzene
Concen: 20.706 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:146 Resp: 46208

Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.9	62.8
148	62.6	31.5	94.5





#89
n-Butylbenzene
Concen: 20.662 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 91 Resp: 7773

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.9	80.6
134	23.4	11.9	35.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
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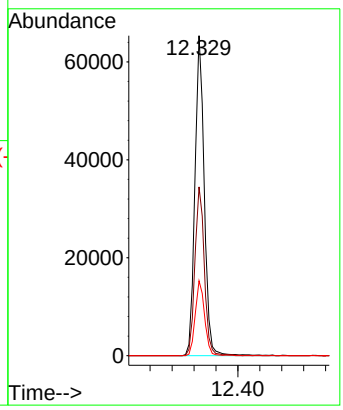
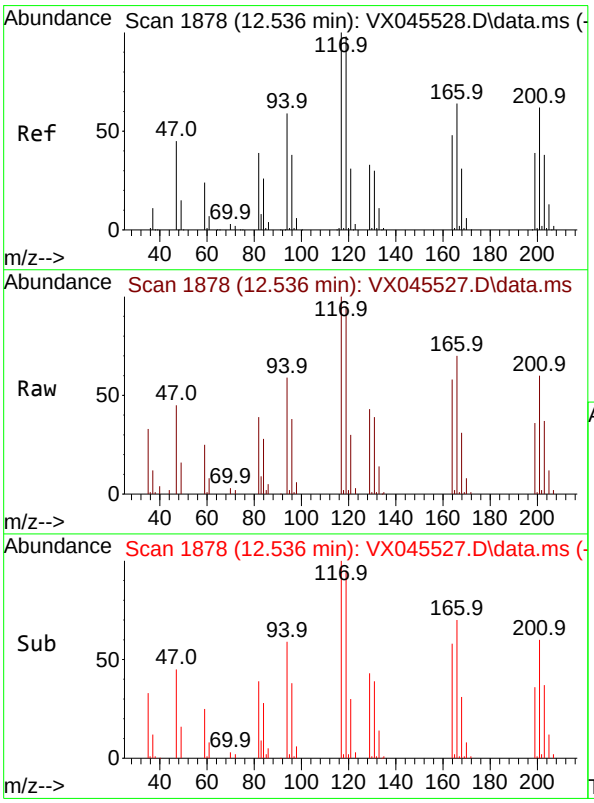
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

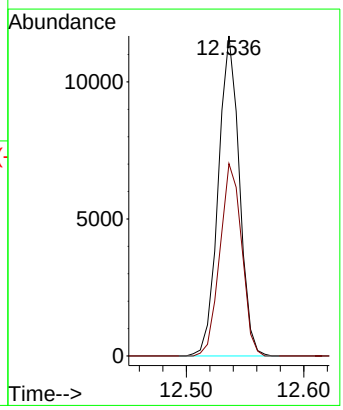


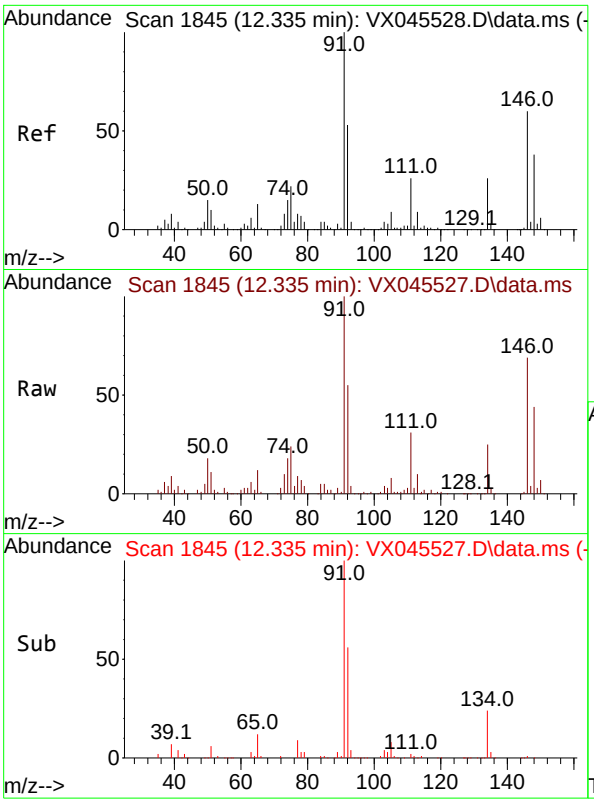


#90
Hexachloroethane
Concen: 19.505 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:117 Resp: 14544

Ion	Ratio	Lower	Upper
117	100		
201	62.2	31.2	93.6

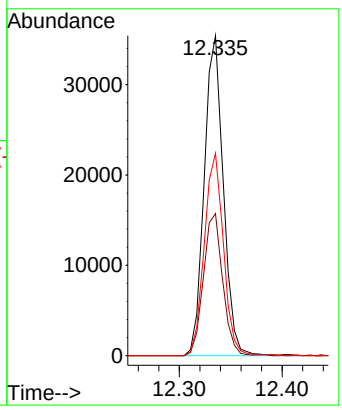




#91
1,2-Dichlorobenzene
Concen: 20.896 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:146 Resp: 4573

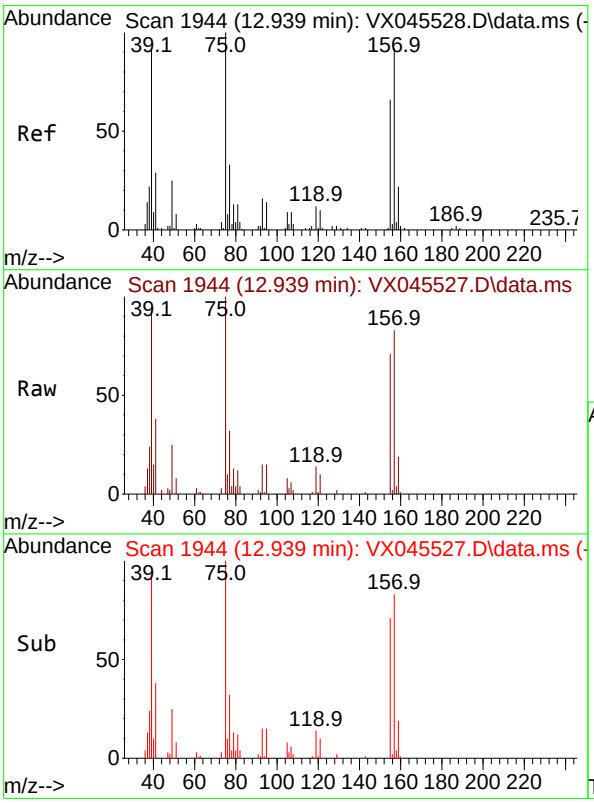
Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.9	68.8
148	63.6	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

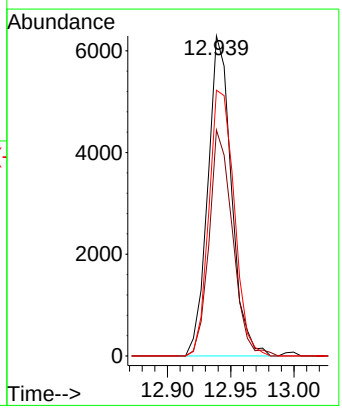
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

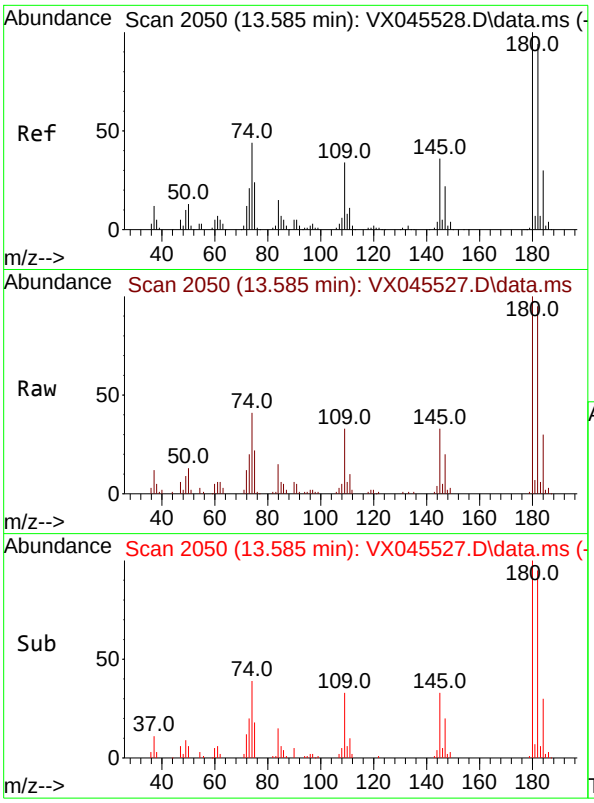


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.203 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion: 75 Resp: 8153

Ion	Ratio	Lower	Upper
75	100		
155	70.0	34.9	104.7
157	89.1	44.9	134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.347 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

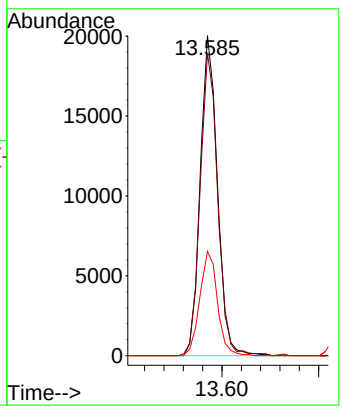
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

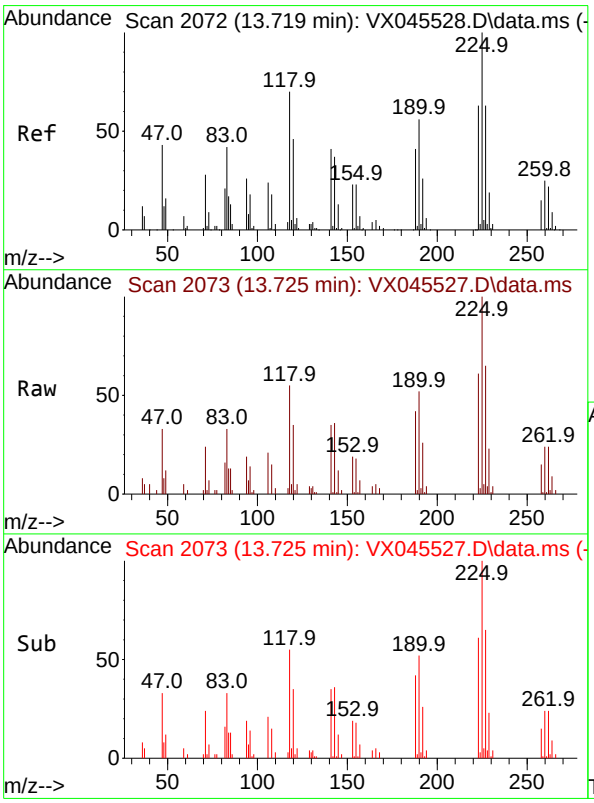
Tgt Ion:180 Resp: 2478

Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.6
145	33.6	17.9	53.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

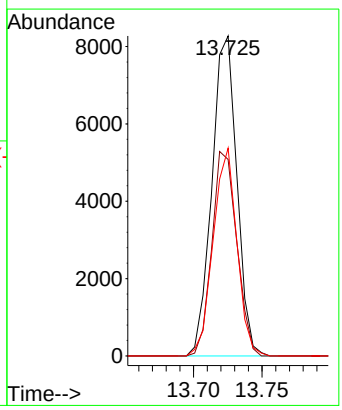


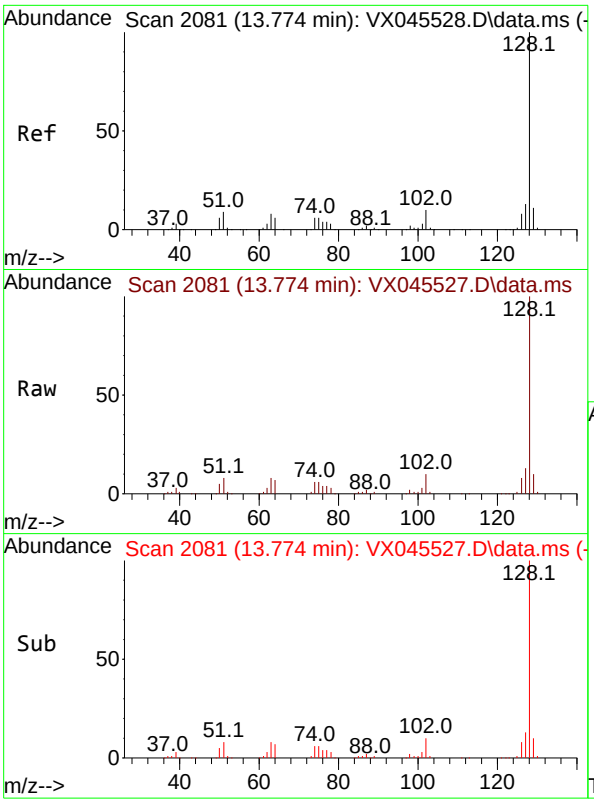


#94
Hexachlorobutadiene
Concen: 19.979 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:225 Resp: 10488

Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.3
227	61.6	32.2	96.6

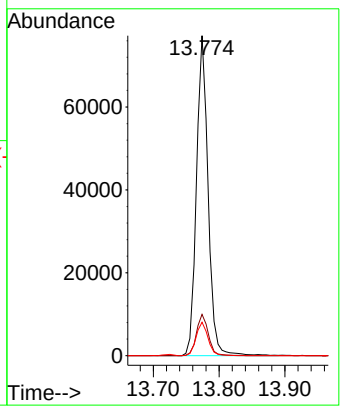




#95
Naphthalene
Concen: 20.928 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:128 Resp: 9487

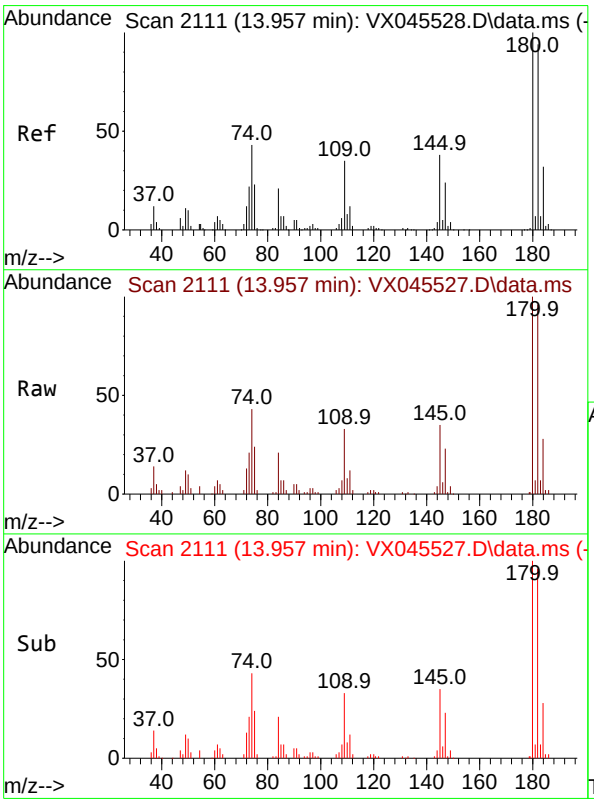
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

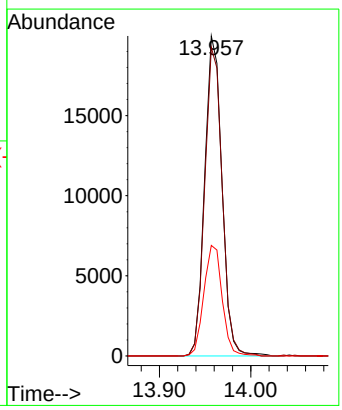
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.471 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045527.D
Acq: 01 Apr 2025 17:52

Tgt Ion:180 Resp: 26113

Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.3	141.8
145	36.7	18.2	54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	95658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83054	47.477	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.960%			
35) Dibromofluoromethane	5.379	113	58108	48.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.340%			
50) Toluene-d8	8.647	98	204338	49.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.060%			
62) 4-Bromofluorobenzene	11.079	95	76190	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	78444	54.834	ug/l	100
3) Chloromethane	1.307	50	75032	51.054	ug/l	100
4) Vinyl Chloride	1.374	62	68516	50.942	ug/l	100
5) Bromomethane	1.593	94	31584	49.526	ug/l	100
6) Chloroethane	1.666	64	38112	53.409	ug/l	100
7) Trichlorofluoromethane	1.874	101	103888	51.798	ug/l	100
8) Diethyl Ether	2.136	74	33953	50.424	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	59431	50.569	ug/l	100
10) Methyl Iodide	2.447	142	76404	52.121	ug/l	100
11) Tert butyl alcohol	2.977	59	60610	257.809	ug/l	100
12) 1,1-Dichloroethene	2.313	96	57738	50.278	ug/l	100
13) Acrolein	2.239	56	79989	247.074	ug/l	100
14) Allyl chloride	2.660	41	112085	51.441	ug/l	100
15) Acrylonitrile	3.062	53	194445	262.015	ug/l	100
16) Acetone	2.386	43	180563	251.366	ug/l	100
17) Carbon Disulfide	2.508	76	148601	52.393	ug/l	100
18) Methyl Acetate	2.703	43	82000	49.581	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	202582	50.429	ug/l	100
20) Methylene Chloride	2.782	84	67855	50.457	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	59696	50.882	ug/l	100
22) Diisopropyl ether	3.764	45	219374	51.111	ug/l	100
23) Vinyl Acetate	3.721	43	998064	269.139	ug/l	100
24) 1,1-Dichloroethane	3.605	63	121348	49.992	ug/l	100
25) 2-Butanone	4.556	43	280076	266.363	ug/l	100
26) 2,2-Dichloropropane	4.471	77	81054	51.683	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71871	50.282	ug/l	100
28) Bromochloromethane	4.897	49	57046	48.632	ug/l	100
29) Tetrahydrofuran	5.001	42	177402	260.230	ug/l	100
30) Chloroform	5.086	83	125797	50.366	ug/l	100
31) Cyclohexane	5.464	56	107407	50.052	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	106062	50.184	ug/l	100
36) 1,1-Dichloropropene	5.684	75	81607	50.620	ug/l	100
37) Ethyl Acetate	4.715	43	104896	51.632	ug/l	100
38) Carbon Tetrachloride	5.672	117	90247	51.797	ug/l	100
39) Methylcyclohexane	7.373	83	104678	52.970	ug/l	100
40) Benzene	6.031	78	249161	50.605	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	59068	54.623	ug/l		100
42) 1,2-Dichloroethane	6.080	62	104601	51.437	ug/l		100
43) Isopropyl Acetate	6.336	43	164588	53.452	ug/l		100
44) Trichloroethene	7.123	130	59042	50.452	ug/l		100
45) 1,2-Dichloropropane	7.427	63	63316	51.540	ug/l		100
46) Dibromomethane	7.574	93	49125	52.092	ug/l		100
47) Bromodichloromethane	7.818	83	96176	51.068	ug/l		100
48) Methyl methacrylate	7.690	41	85483	53.768	ug/l		100
49) 1,4-Dioxane	7.659	88	31199	1084.635	ug/l		100
51) 4-Methyl-2-Pentanone	8.574	43	558029	273.375	ug/l		100
52) Toluene	8.714	92	153143	51.402	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	85462	47.317	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	95524	53.975	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	60452	50.919	ug/l		100
56) Ethyl methacrylate	9.116	69	100998	54.970	ug/l		100
57) 1,3-Dichloropropane	9.305	76	106580	51.554	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	250428	269.434	ug/l		100
59) 2-Hexanone	9.427	43	413824	273.765	ug/l		100
60) Dibromochloromethane	9.519	129	69258	53.511	ug/l		100
61) 1,2-Dibromoethane	9.604	107	62812	52.264	ug/l		100
64) Tetrachloroethene	9.269	164	52155	49.181	ug/l		100
65) Chlorobenzene	10.073	112	162829	50.733	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	55974	50.233	ug/l		100
67) Ethyl Benzene	10.189	91	301481	52.447	ug/l		100
68) m/p-Xylenes	10.299	106	218702	104.606	ug/l		100
69) o-Xylene	10.640	106	108028	52.452	ug/l		100
70) Styrene	10.653	104	182620	53.723	ug/l		100
71) Bromoform	10.799	173	44397	53.361	ug/l	#	100
73) Isopropylbenzene	10.957	105	287628	52.203	ug/l		100
74) N-amyl acetate	10.842	43	141589	53.721	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	95200	49.185	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	84279m	50.230	ug/l		
77) Bromobenzene	11.195	156	64527	50.686	ug/l		100
78) n-propylbenzene	11.299	91	336796	53.069	ug/l		100
79) 2-Chlorotoluene	11.360	91	203994	50.279	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	241536	53.013	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25488	51.556	ug/l		100
82) 4-Chlorotoluene	11.451	91	237213	52.439	ug/l		100
83) tert-Butylbenzene	11.713	119	235715	52.256	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	242301	52.986	ug/l		100
85) sec-Butylbenzene	11.890	105	295799	53.391	ug/l		100
86) p-Isopropyltoluene	12.006	119	242416	53.073	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	116890	50.441	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	117164	49.871	ug/l		100
89) n-Butylbenzene	12.329	91	217345	54.874	ug/l		100
90) Hexachloroethane	12.536	117	41095	52.352	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	115426	50.099	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21712	53.638	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	65145	50.797	ug/l		100
94) Hexachlorobutadiene	13.719	225	27795	50.296	ug/l		100
95) Naphthalene	13.774	128	256009	53.643	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	68781	51.219	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

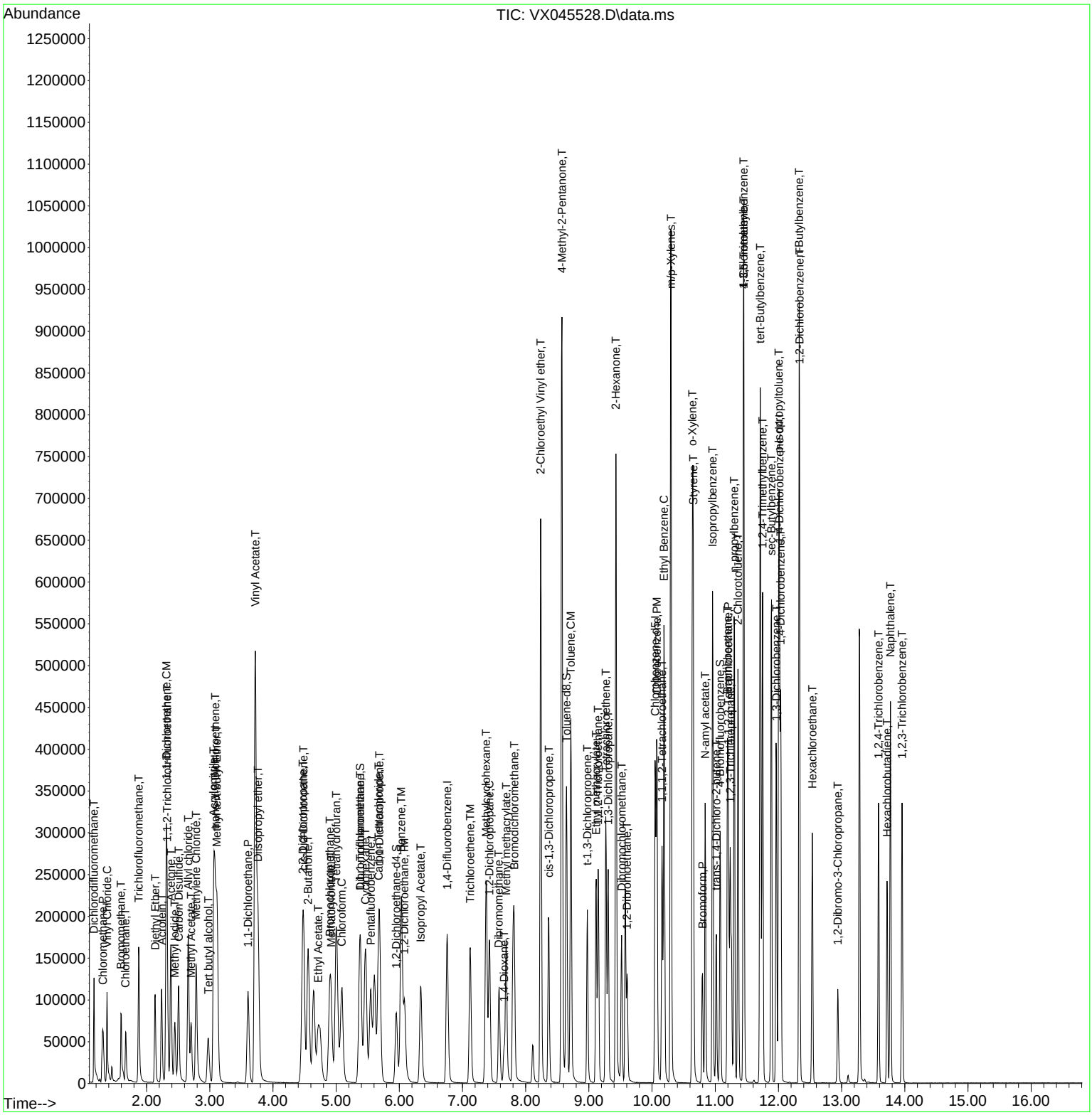
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045528.D
Acq On : 01 Apr 2025 18:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

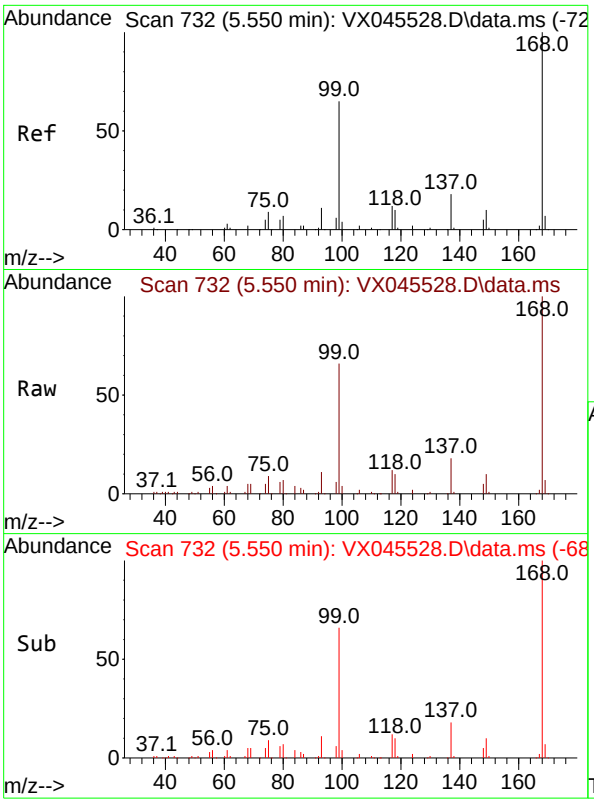
Quant Time: Apr 02 02:53:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

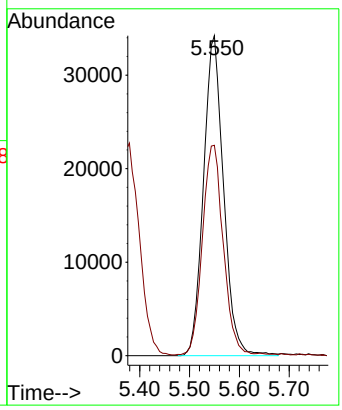




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:168 Resp: 9565

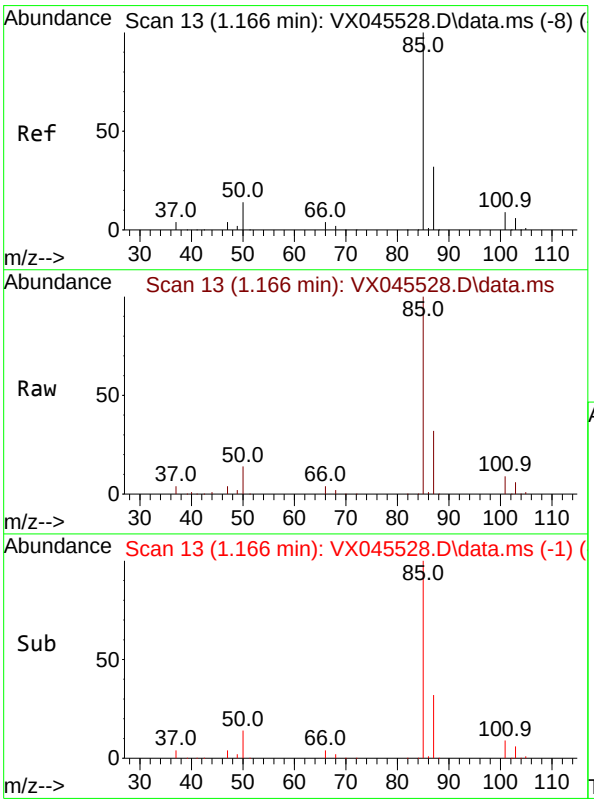
Ion	Ratio	Lower	Upper
168	100		
99	65.4	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

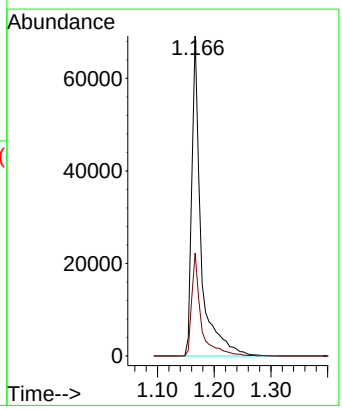
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

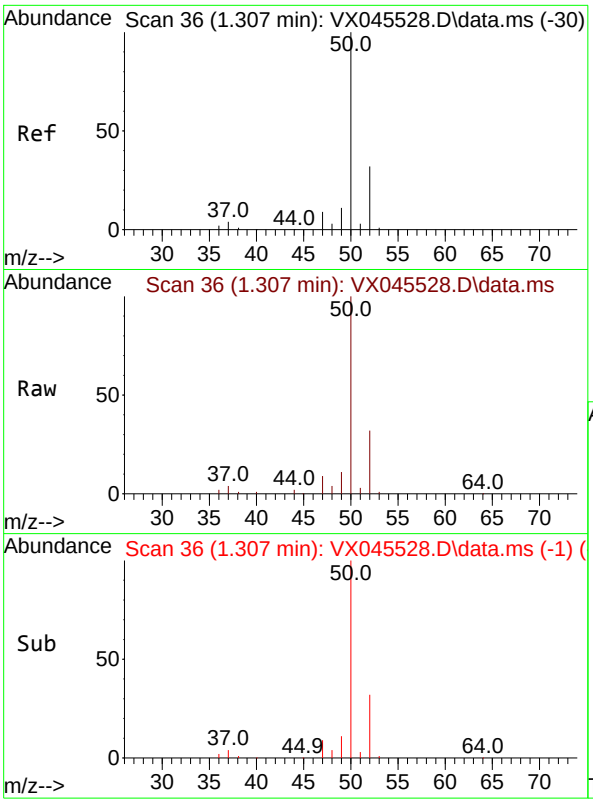


#2
Dichlorodifluoromethane
Concen: 54.834 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 85 Resp: 78444

Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.1	48.2





#3
Chloromethane
Concen: 51.054 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

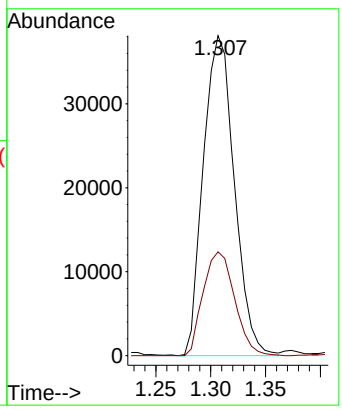
Tgt Ion: 50 Resp: 7503

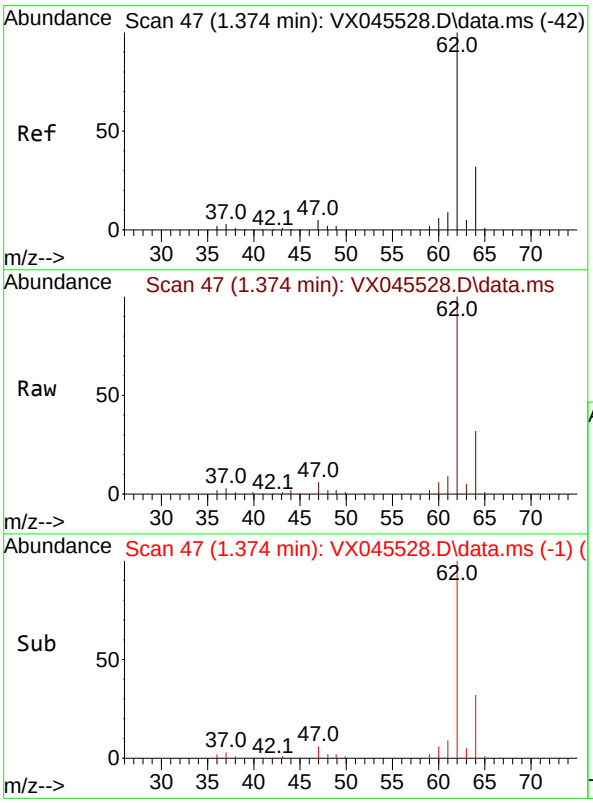
Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.9	38.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

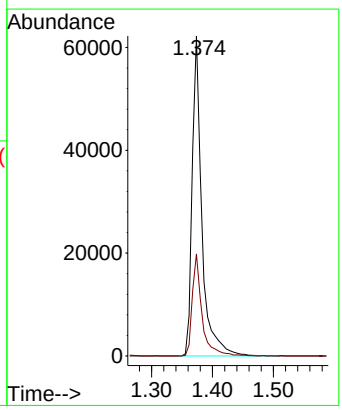


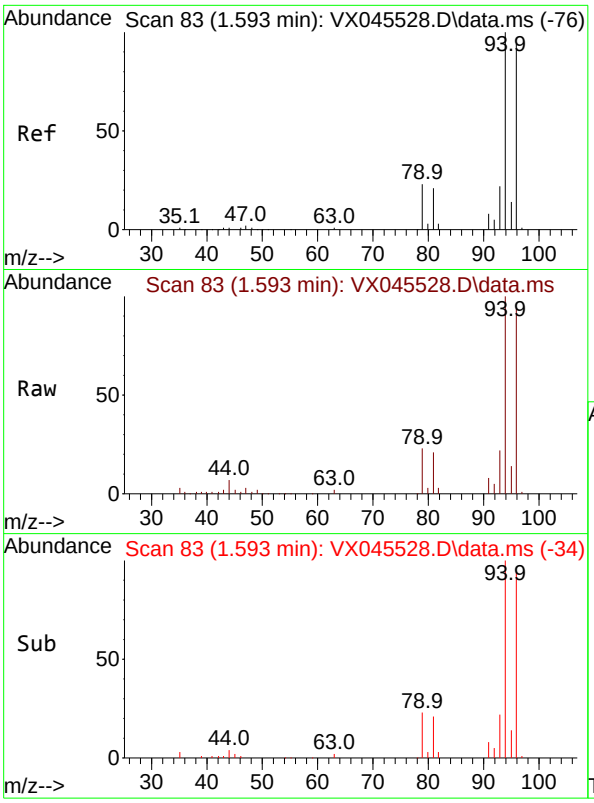


#4
Vinyl Chloride
Concen: 50.942 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 62 Resp: 68516

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.5	38.3

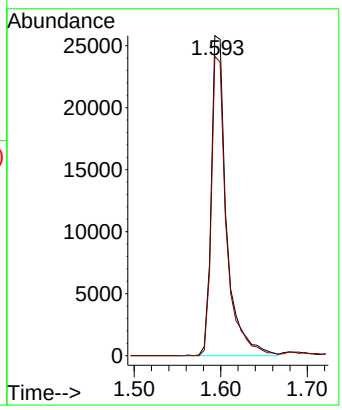




#5
Bromomethane
Concen: 49.526 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 94 Resp: 3158

Ion	Ratio	Lower	Upper
94	100		
96	93.5	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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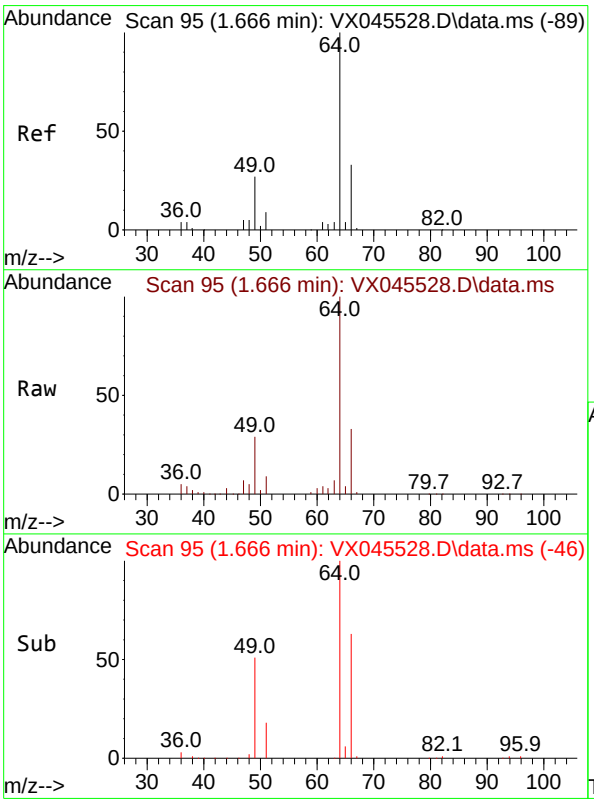
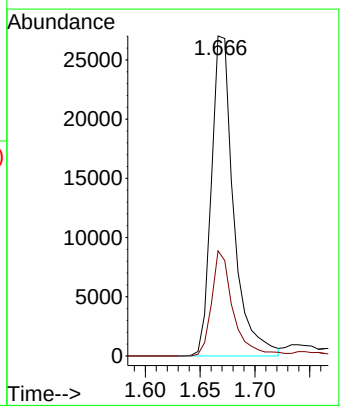
Supervised By :Mahesh Dadoda 04/02/2025

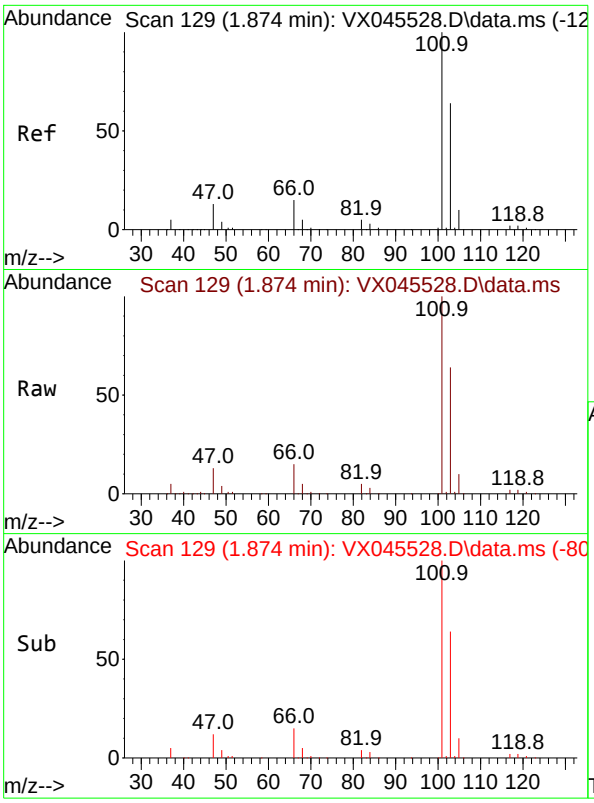


#6
Chloroethane
Concen: 53.409 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 64 Resp: 38112

Ion	Ratio	Lower	Upper
64	100		
66	32.9	26.3	39.5

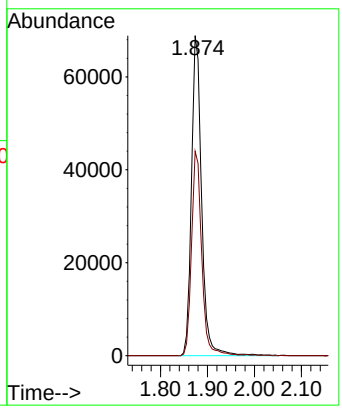




#7
Trichlorofluoromethane
Concen: 51.798 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:101 Resp: 10388

Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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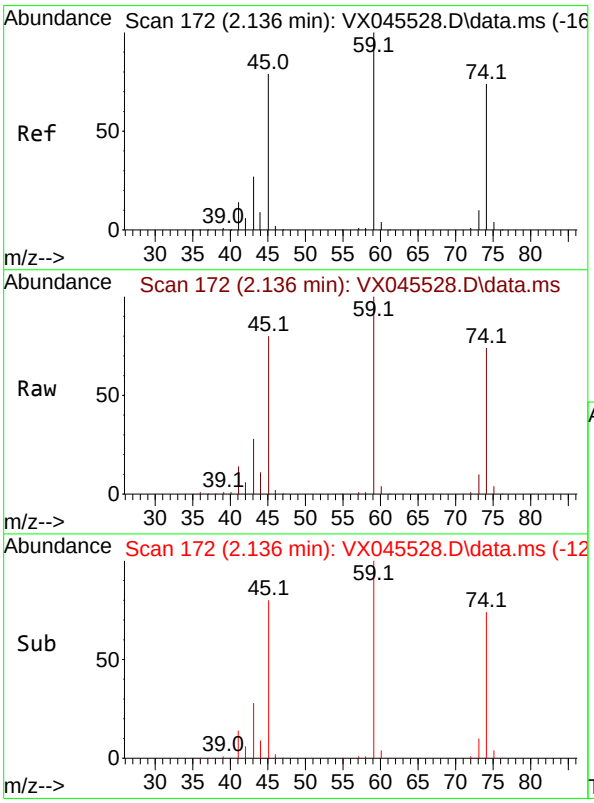
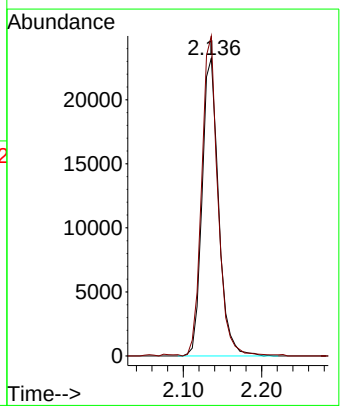
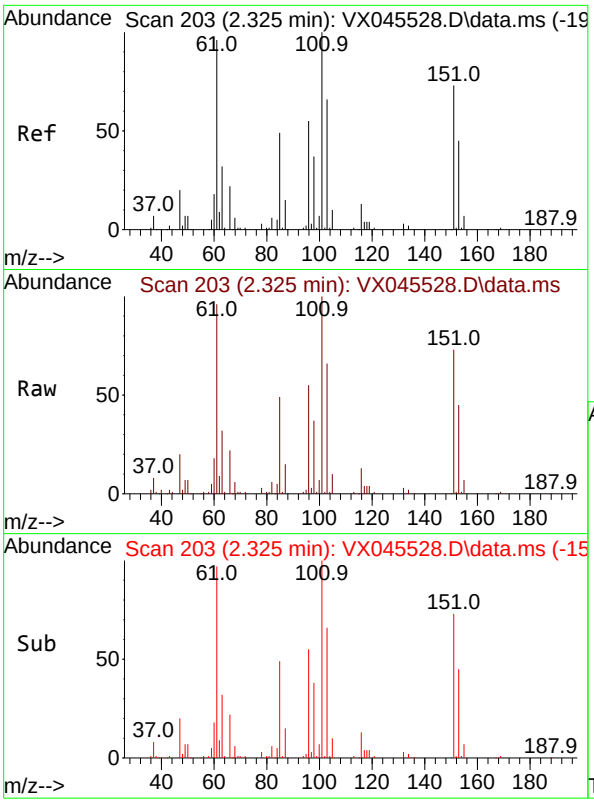


#8
Diethyl Ether
Concen: 50.424 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 74 Resp: 33953

Ion	Ratio	Lower	Upper
74	100		
45	106.1	53.0	159.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.569 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:101 Resp: 5943

Ion	Ratio	Lower	Upper
101	100		
85	48.6	38.9	58.3
151	71.9	57.5	86.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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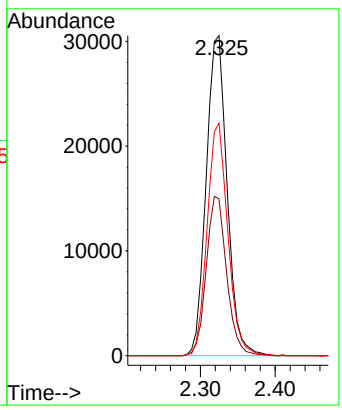
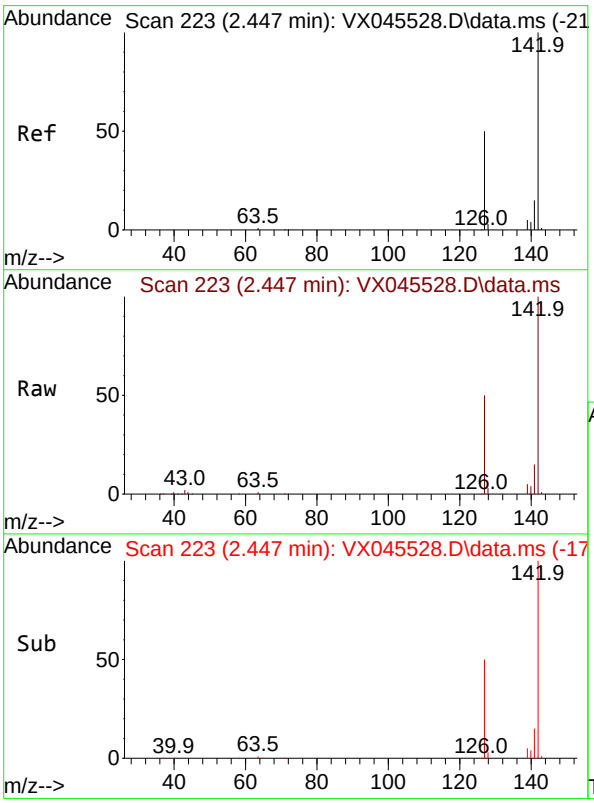
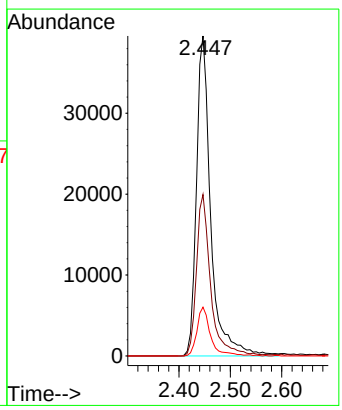


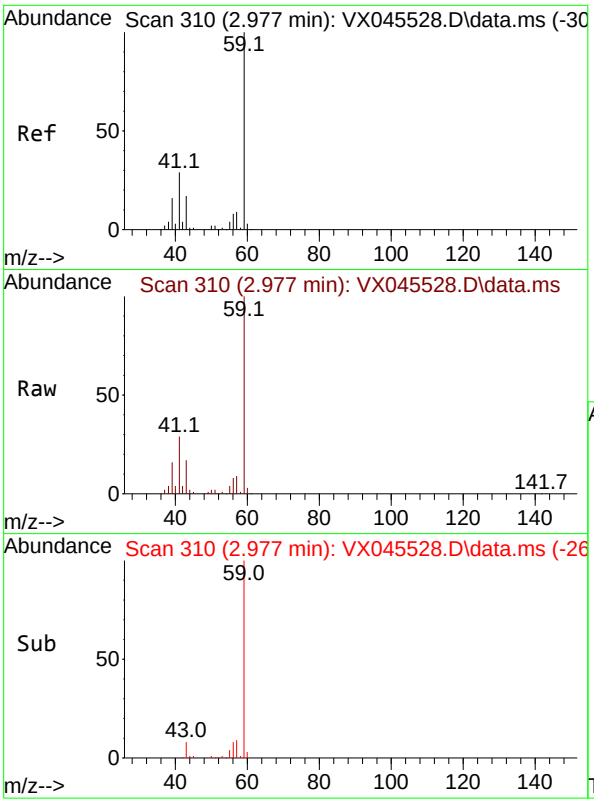


#10
Methyl Iodide
Concen: 52.121 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:142 Resp: 76404

Ion	Ratio	Lower	Upper
142	100		
127	50.3	40.2	60.4
141	14.6	11.7	17.5





#11
Tert butyl alcohol
Concen: 257.809 ug/l
RT: 2.977 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 59 Resp: 6061

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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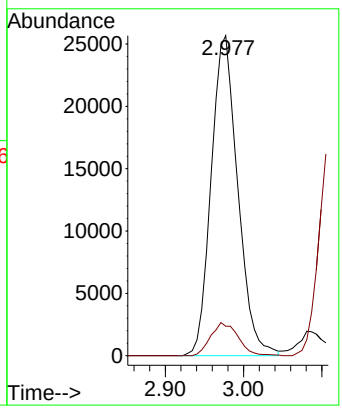
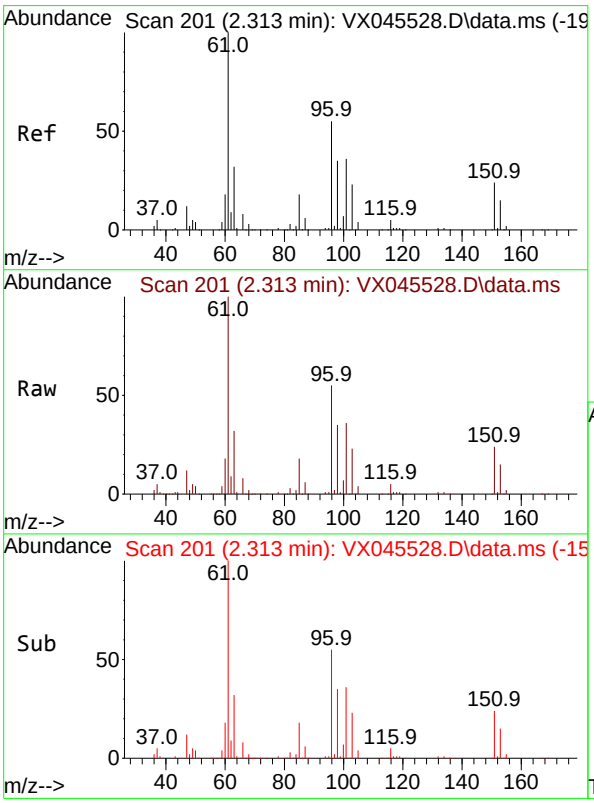
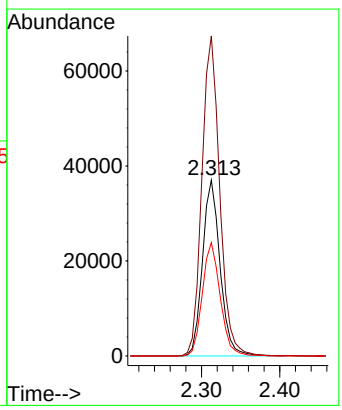


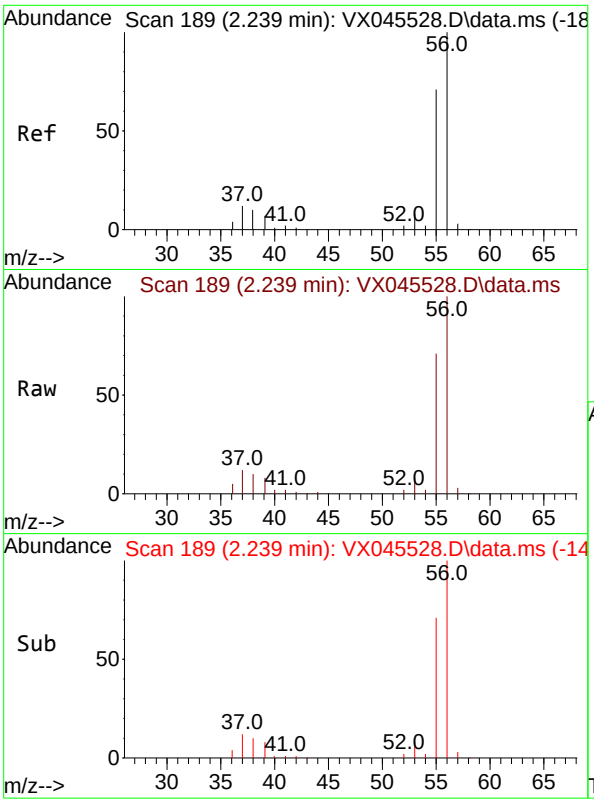


#12
1,1-Dichloroethene
Concen: 50.278 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 96 Resp: 57738

Ion	Ratio	Lower	Upper
96	100		
61	182.1	145.7	218.5
98	64.5	51.6	77.4

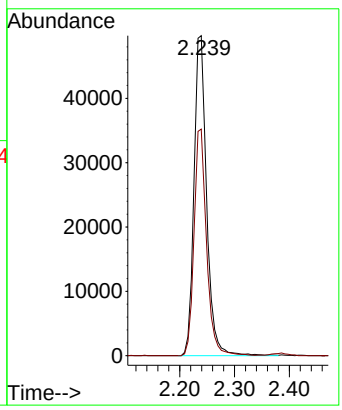




#13
Acrolein
Concen: 247.074 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 56 Resp: 7998

Ion	Ratio	Lower	Upper
56	100		
55	70.2	56.2	84.2



Instrument :
MSVOA_X
ClientSampleId :
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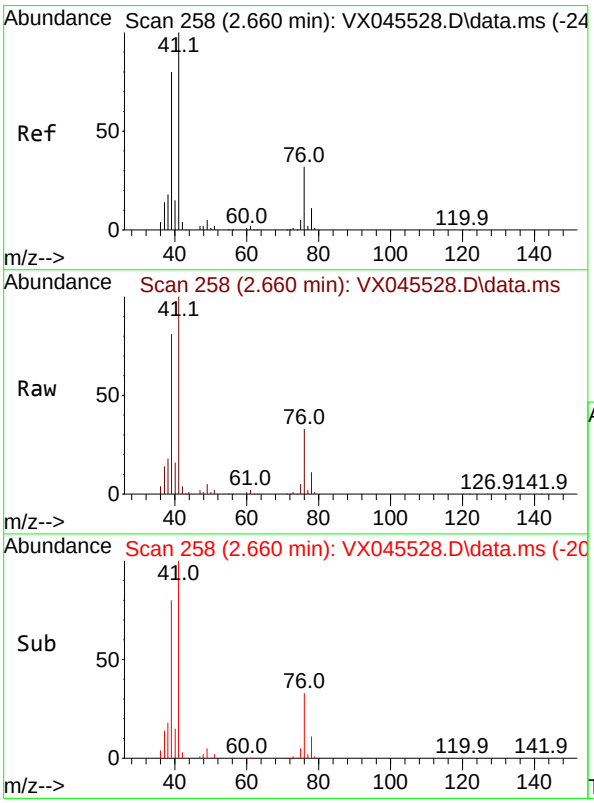
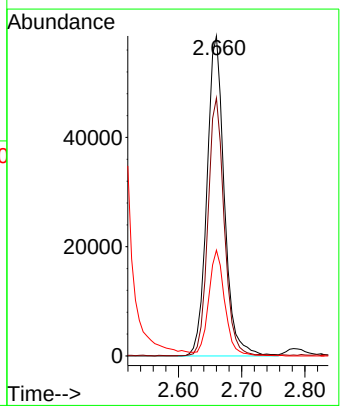
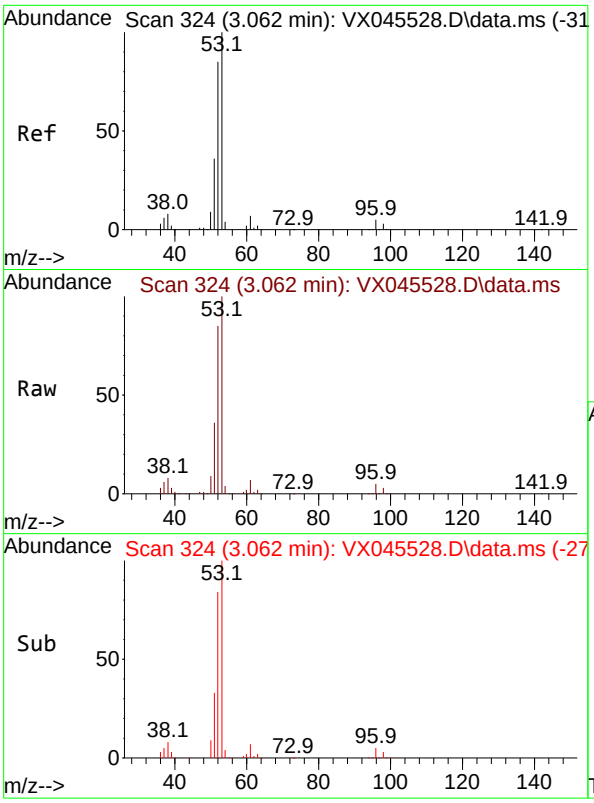


#14
Allyl chloride
Concen: 51.441 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 41 Resp: 112085

Ion	Ratio	Lower	Upper
41	100		
39	75.2	60.2	90.2
76	30.7	24.6	36.8

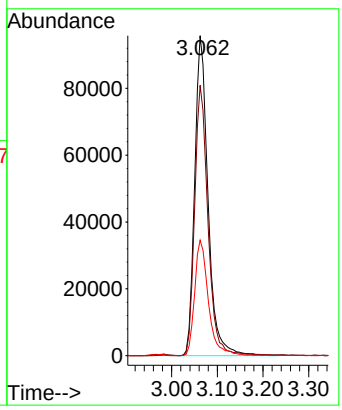




#15
Acrylonitrile
Concen: 262.015 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 53 Resp: 19444

Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.2
51	37.4	29.9	44.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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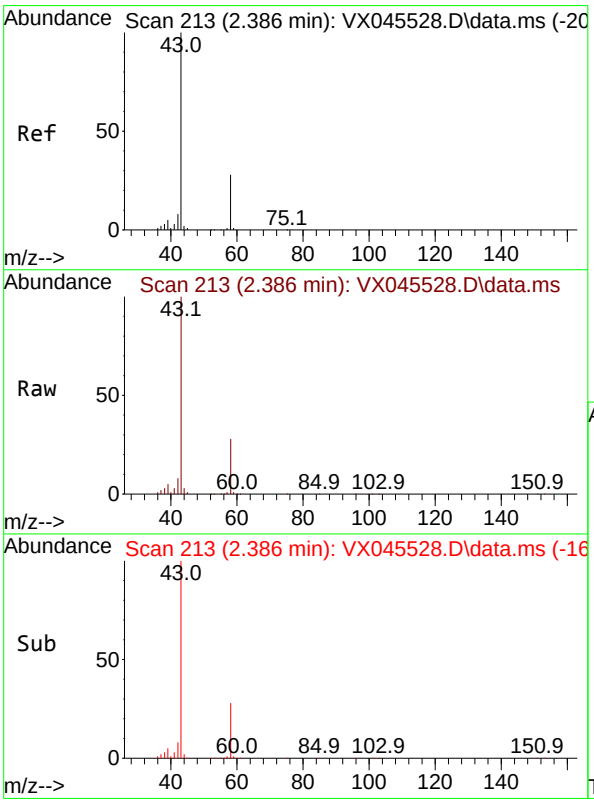
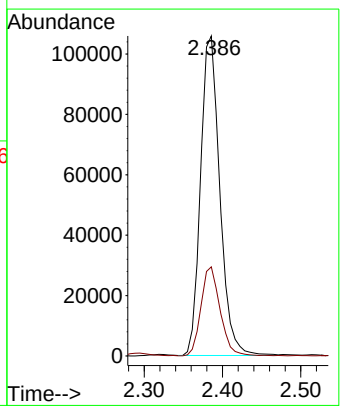
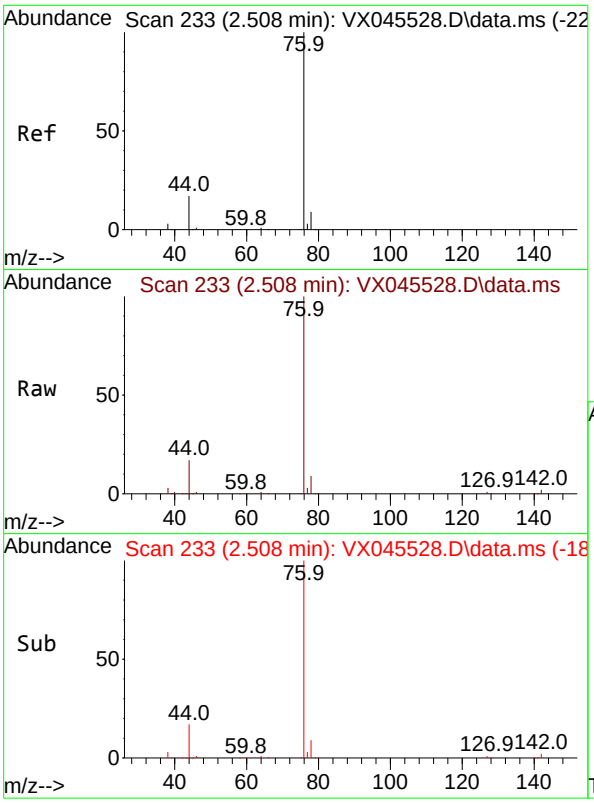


#16
Acetone
Concen: 251.366 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 180563

Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.3	33.5

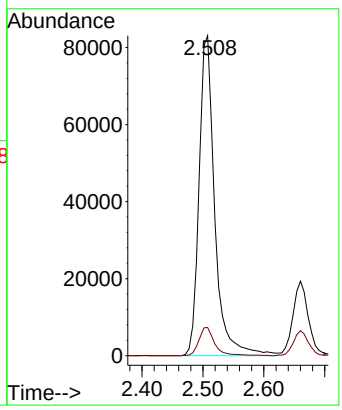




#17
Carbon Disulfide
Concen: 52.393 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 76 Resp: 14860

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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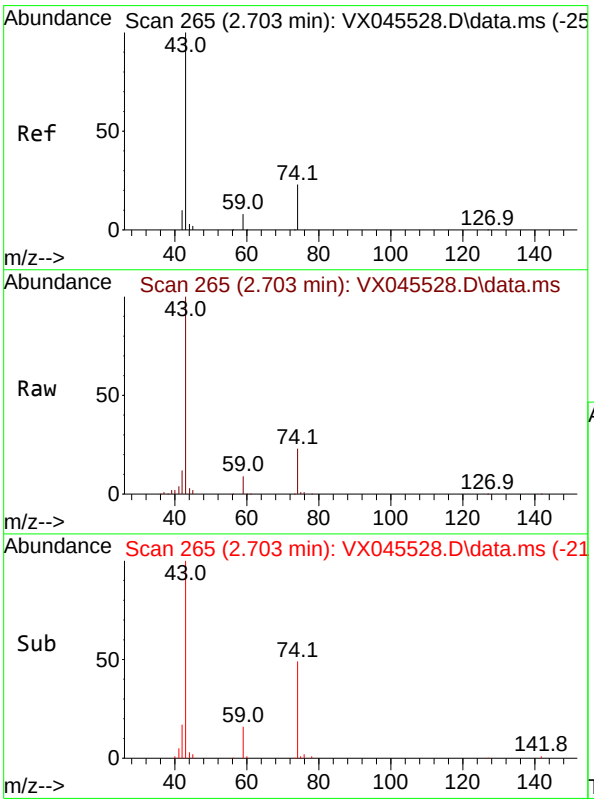
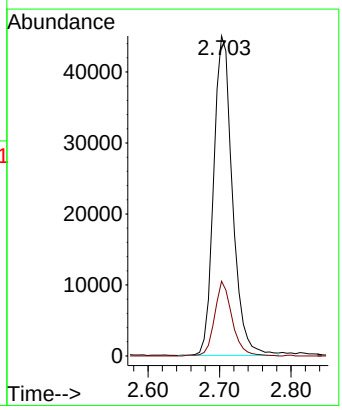
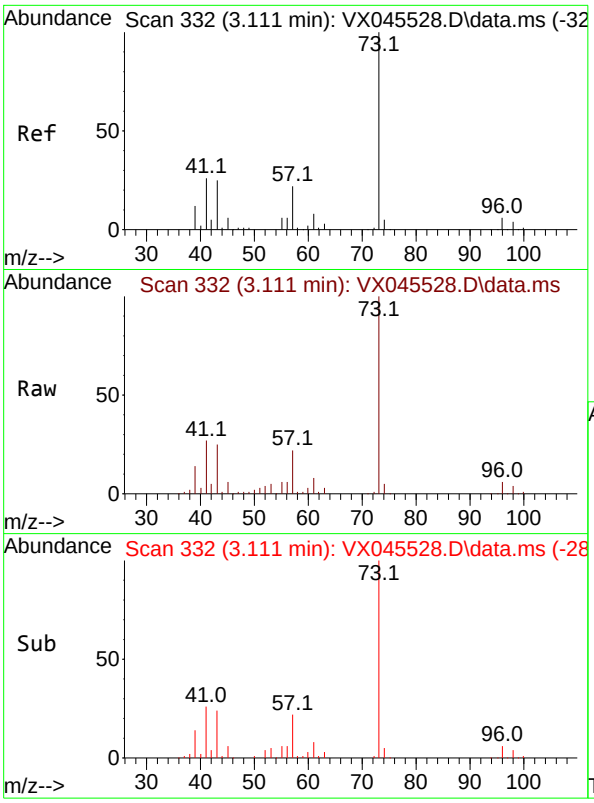


#18
Methyl Acetate
Concen: 49.581 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 82000

Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.5	26.3

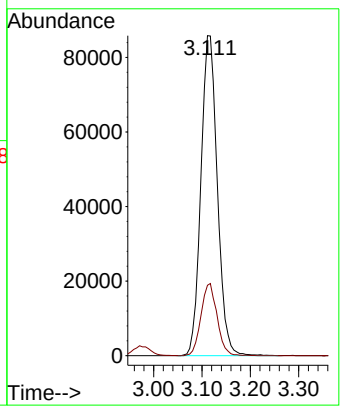




#19
Methyl tert-butyl Ether
Concen: 50.429 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 73 Resp: 20258

Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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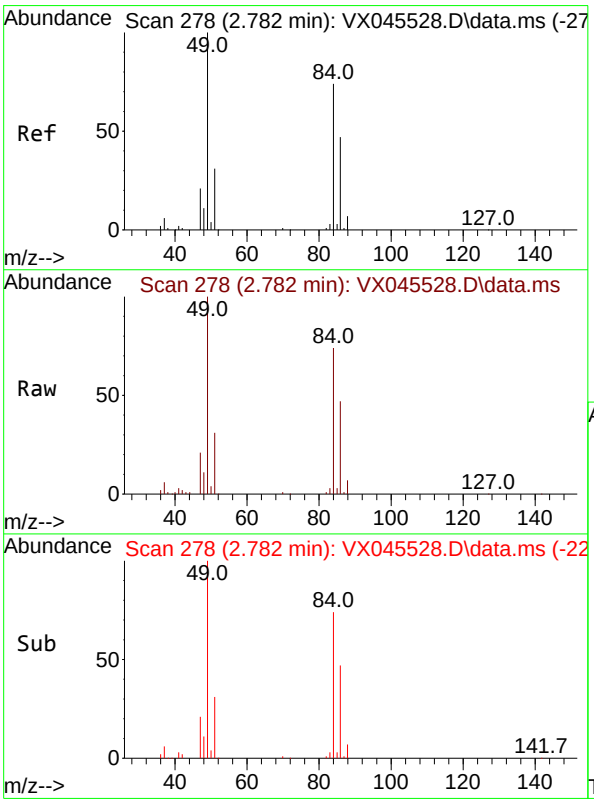
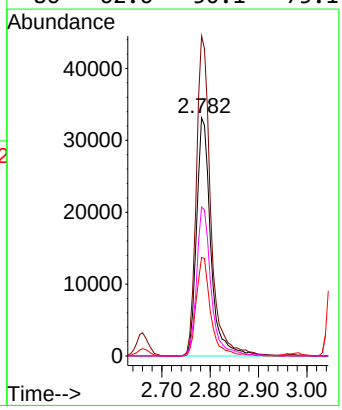
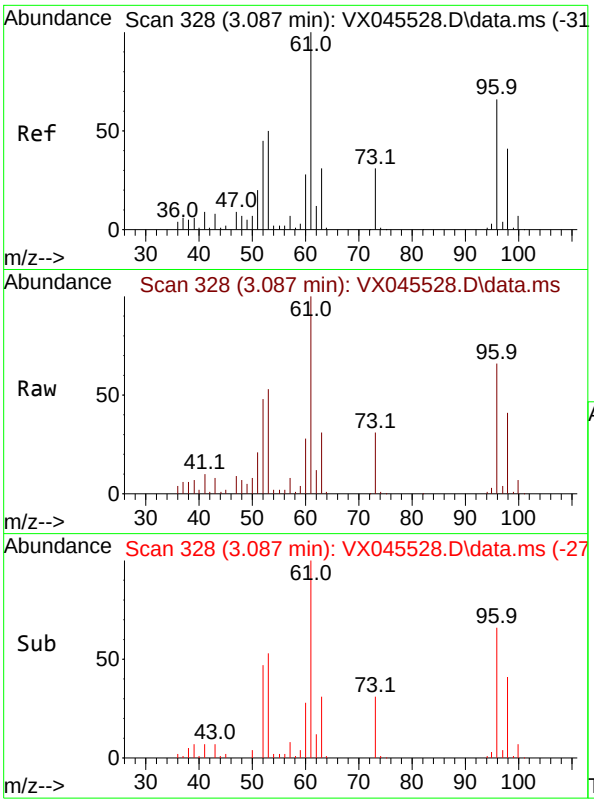


#20
Methylene Chloride
Concen: 50.457 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 84 Resp: 67855

Ion	Ratio	Lower	Upper
84	100		
49	134.4	107.5	161.3
51	41.3	33.0	49.6
86	62.6	50.1	75.1

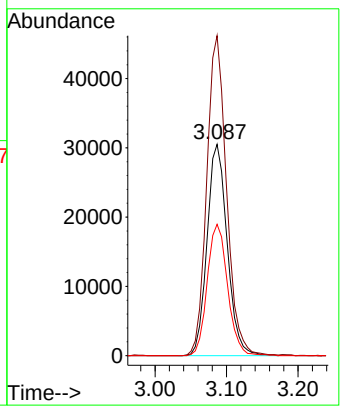




#21
trans-1,2-Dichloroethene
Concen: 50.882 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 96 Resp: 5969

Ion	Ratio	Lower	Upper
96	100		
61	151.3	121.0	181.6
98	62.1	49.7	74.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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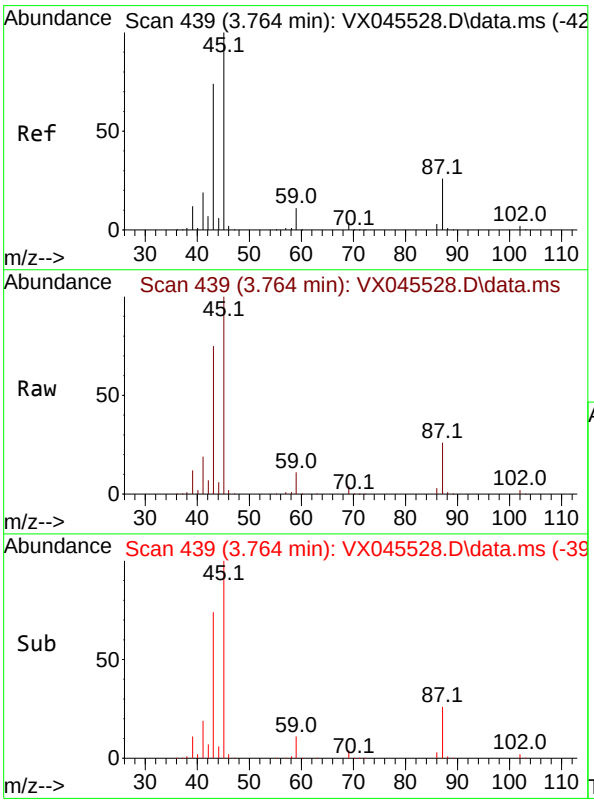
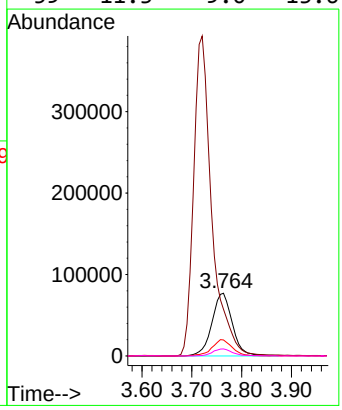
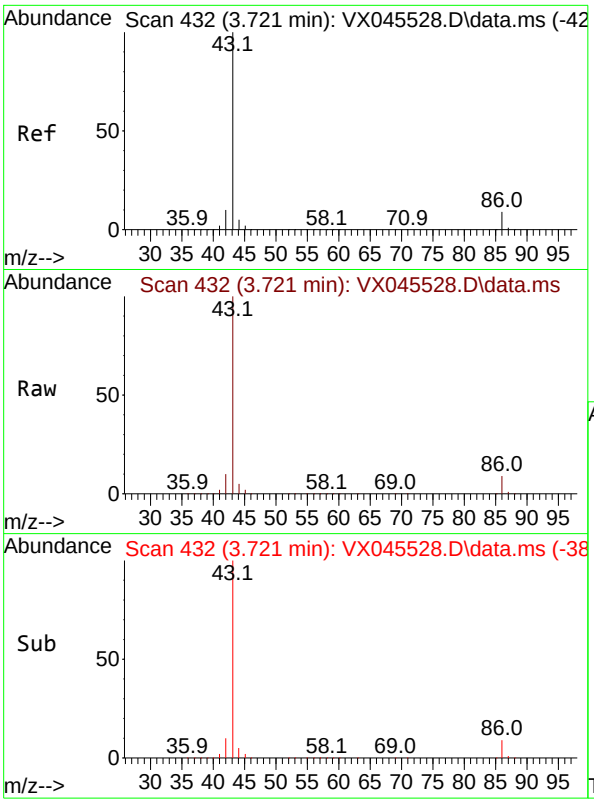


#22
Diisopropyl ether
Concen: 51.111 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 45 Resp: 219374

Ion	Ratio	Lower	Upper
45	100		
43	74.1	59.3	88.9
87	25.5	20.4	30.6
59	11.3	9.0	13.6





#23
Vinyl Acetate
Concen: 269.139 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

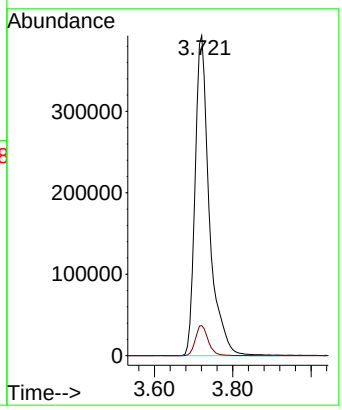
Tgt Ion: 43 Resp: 99806

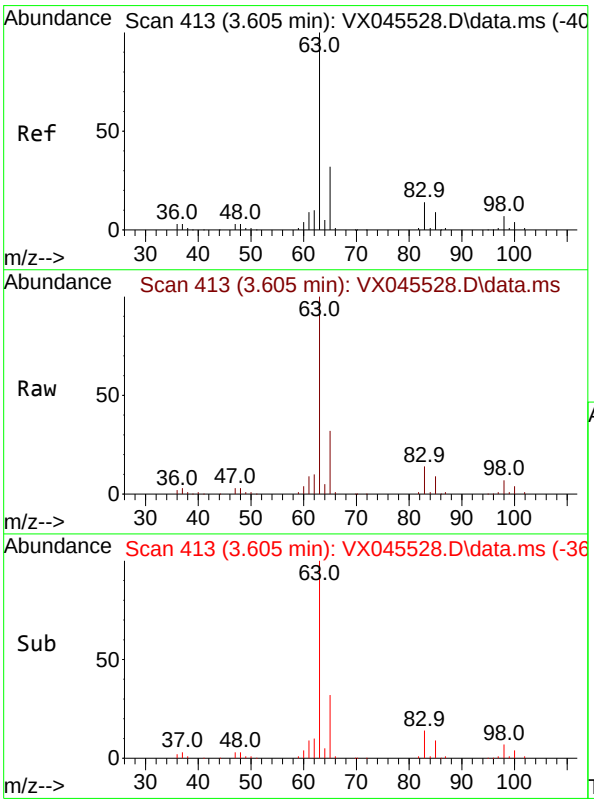
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

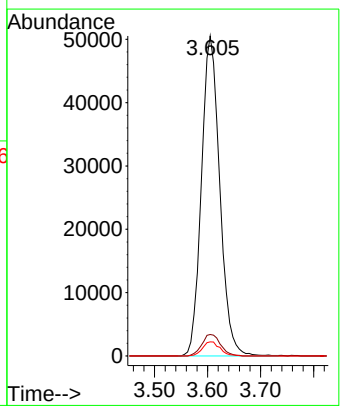


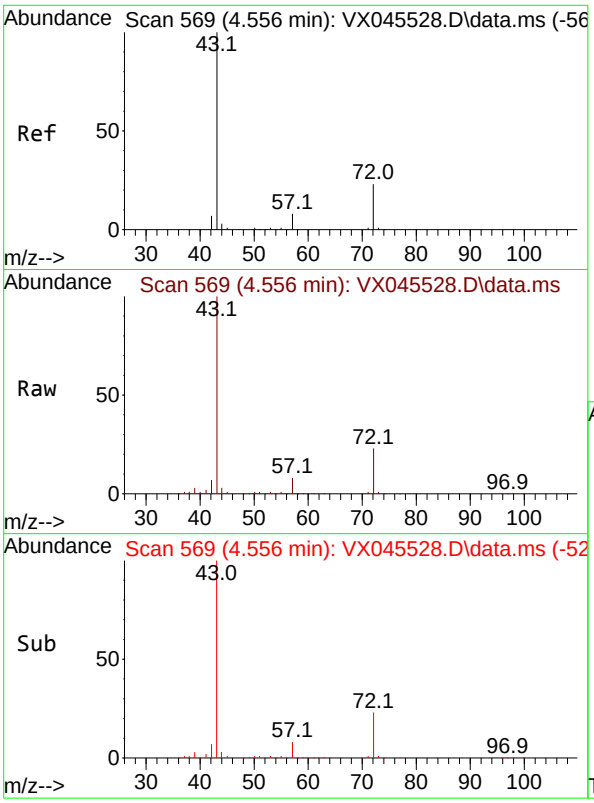


#24
1,1-Dichloroethane
Concen: 49.992 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 63 Resp: 121348

Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.4	10.1
100	4.4	2.2	6.6





#25
2-Butanone
Concen: 266.363 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 28007

Ion	Ratio	Lower	Upper
43	100		
72	23.3	18.6	28.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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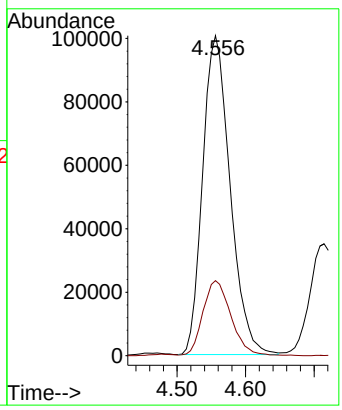
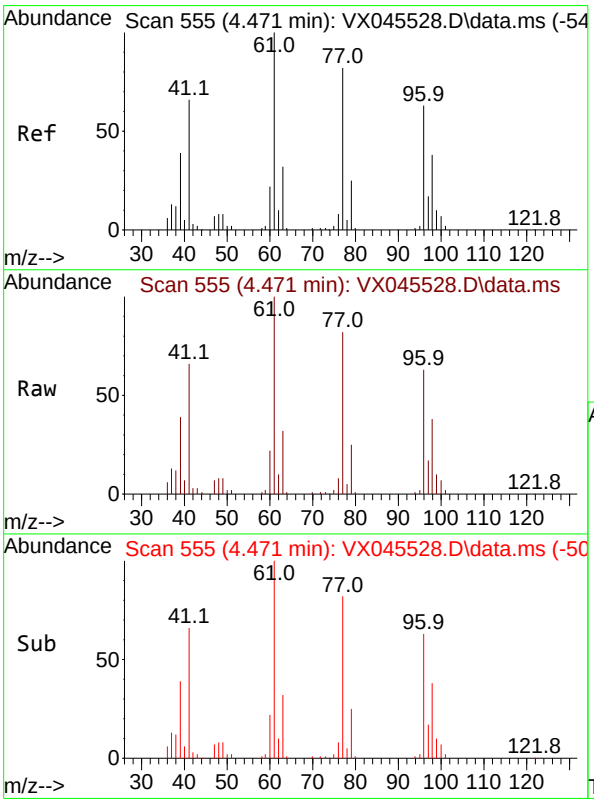
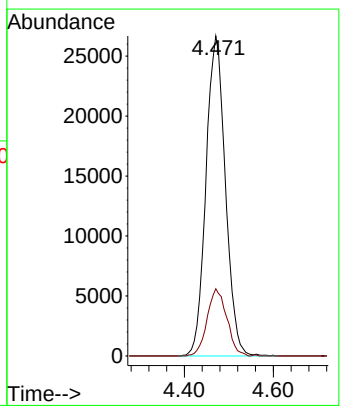


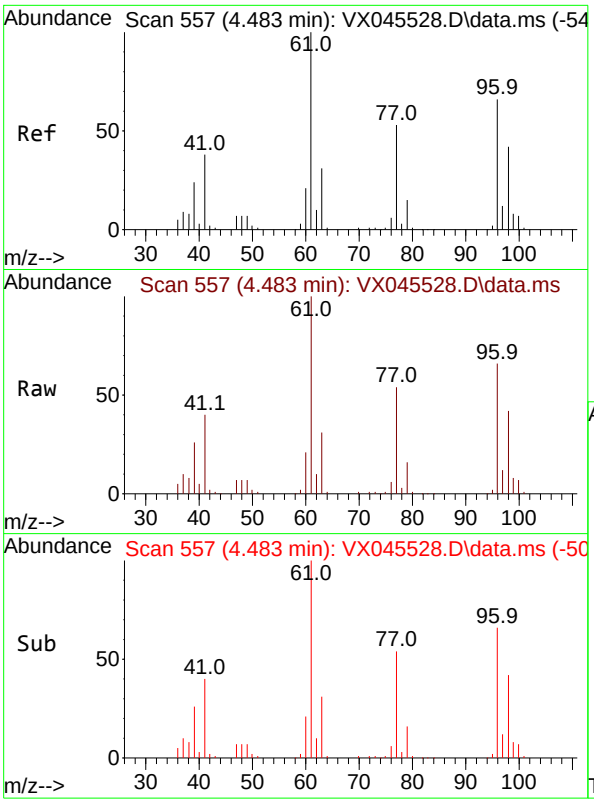


#26
2,2-Dichloropropane
Concen: 51.683 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 77 Resp: 81054

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.6	31.8

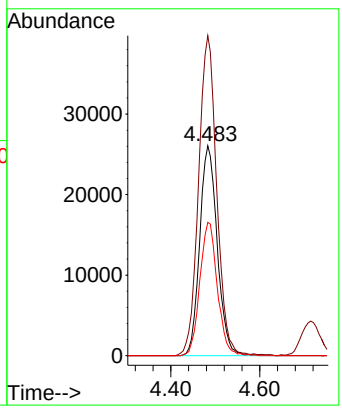




#27
cis-1,2-Dichloroethene
Concen: 50.282 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 96 Resp: 7187

Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	313.2
98	63.2	0.0	126.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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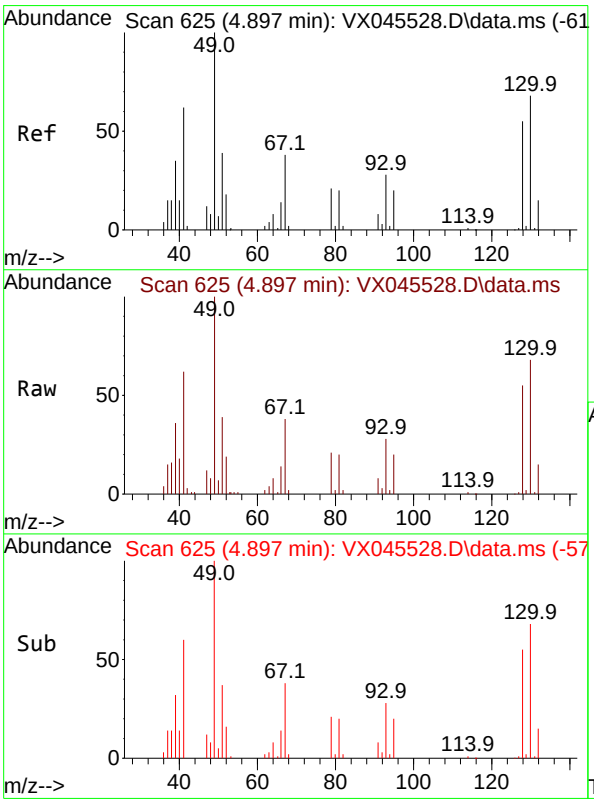
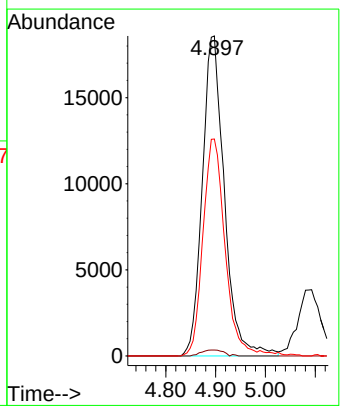
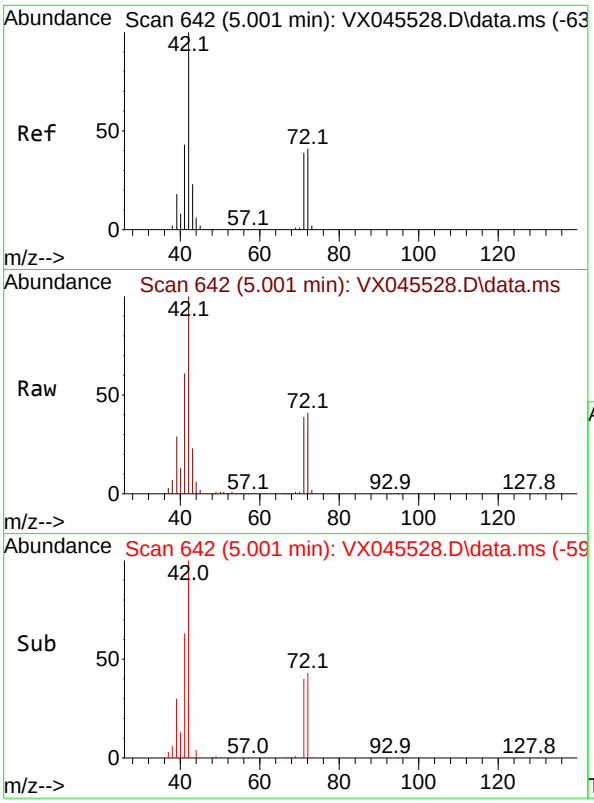


#28
Bromochloromethane
Concen: 48.632 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 49 Resp: 57046

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	68.2	54.6	81.8





#29
Tetrahydrofuran
Concen: 260.230 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 42 Resp: 17740

Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.4	50.0
71	39.2	31.4	47.0

Instrument :
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ClientSampleId :
VSTDICCC050

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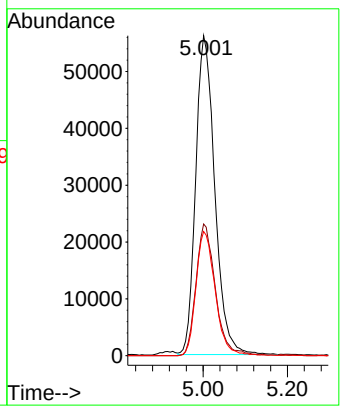
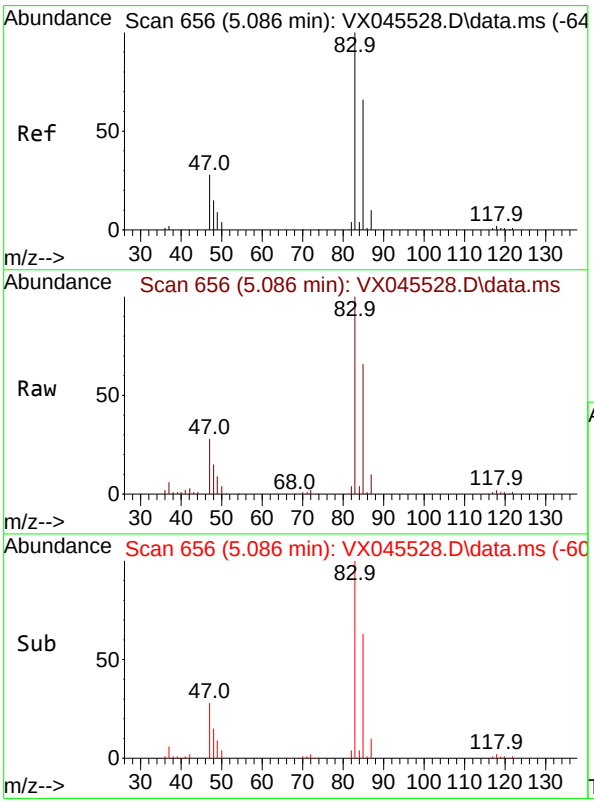
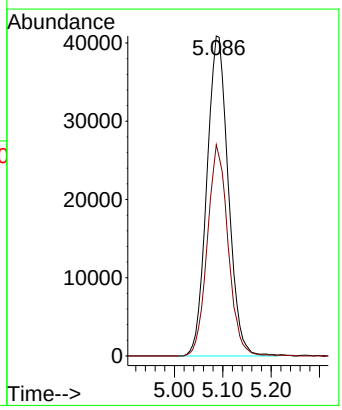


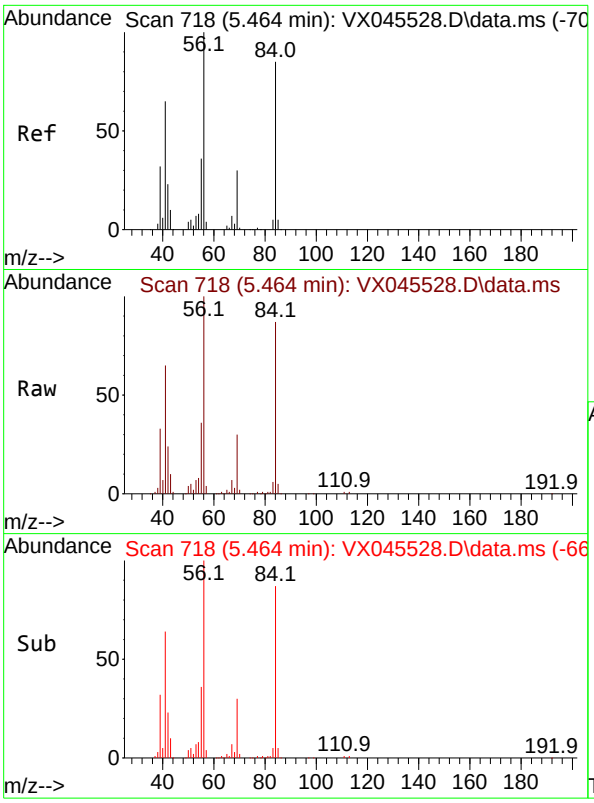


#30
Chloroform
Concen: 50.366 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 83 Resp: 125797

Ion	Ratio	Lower	Upper
83	100		
85	66.0	52.8	79.2

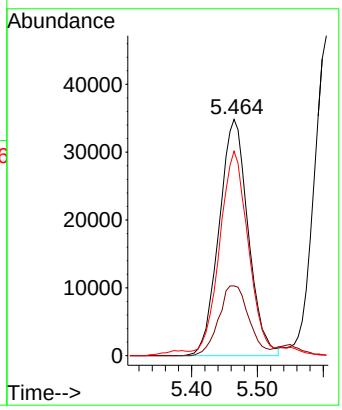




#31
Cyclohexane
Concen: 50.052 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 56 Resp: 10740

Ion	Ratio	Lower	Upper
56	100		
69	29.5	23.6	35.4
84	84.6	67.7	101.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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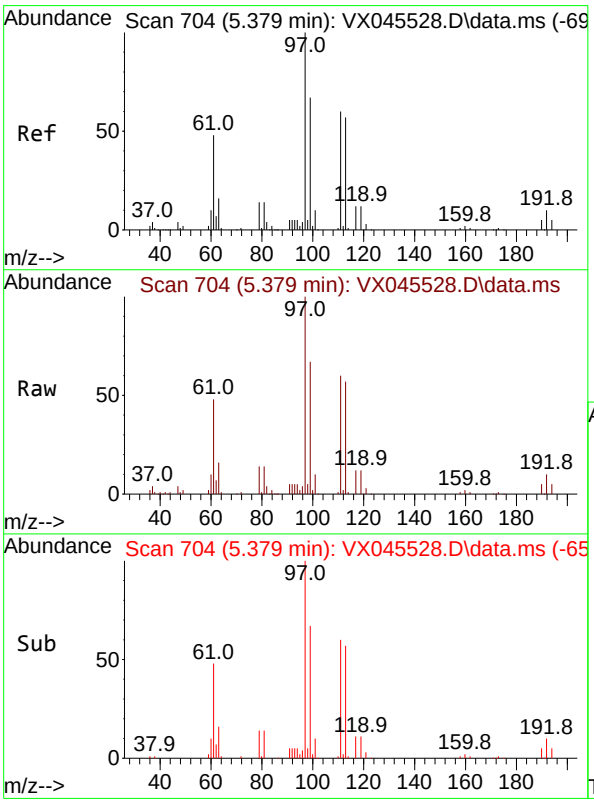
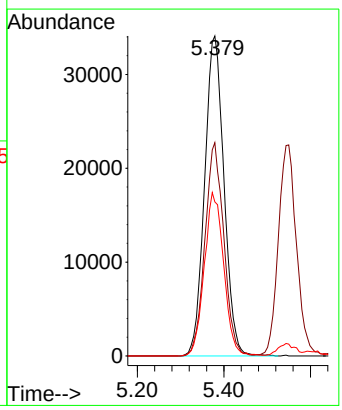
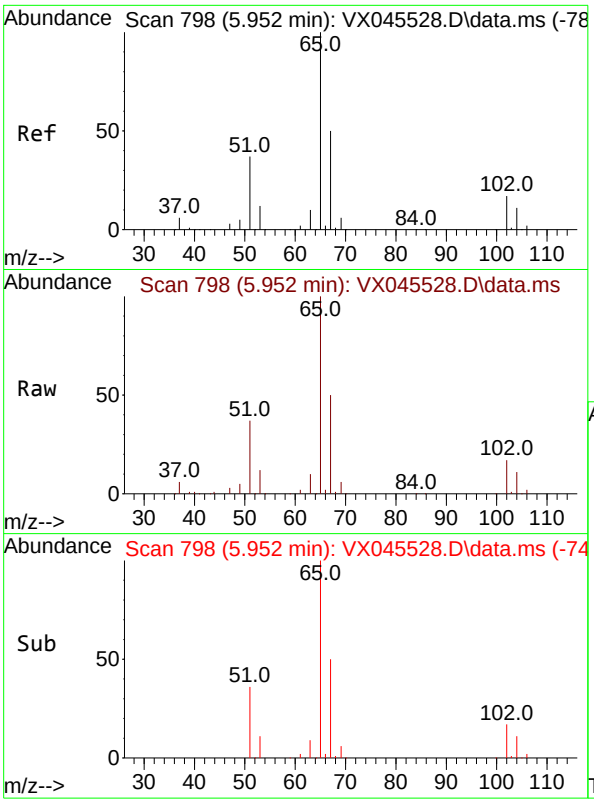


#32
1,1,1-Trichloroethane
Concen: 50.184 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 97 Resp: 106062

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	51.2	41.0	61.4

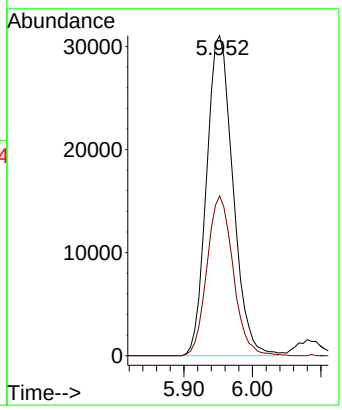




#33
1,2-Dichloroethane-d4
Concen: 47.477 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 65 Resp: 8305

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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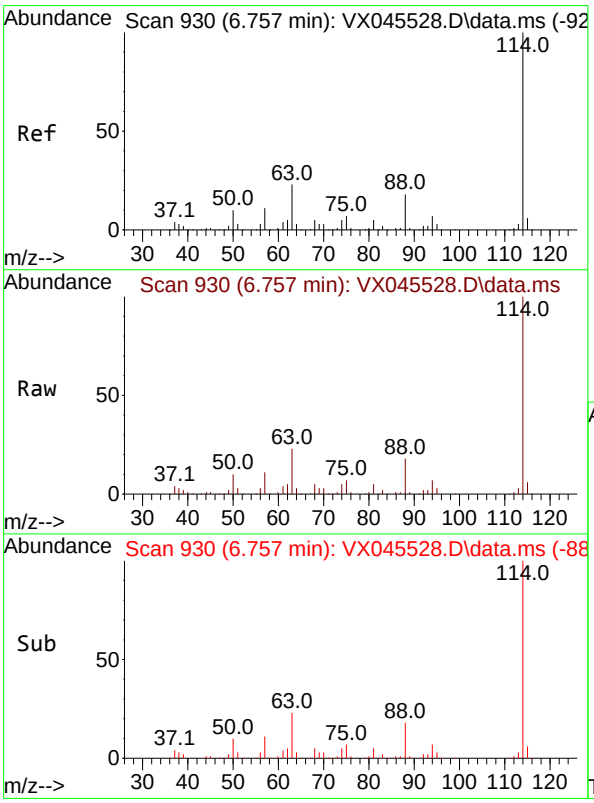
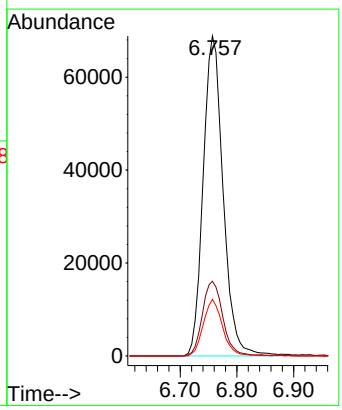
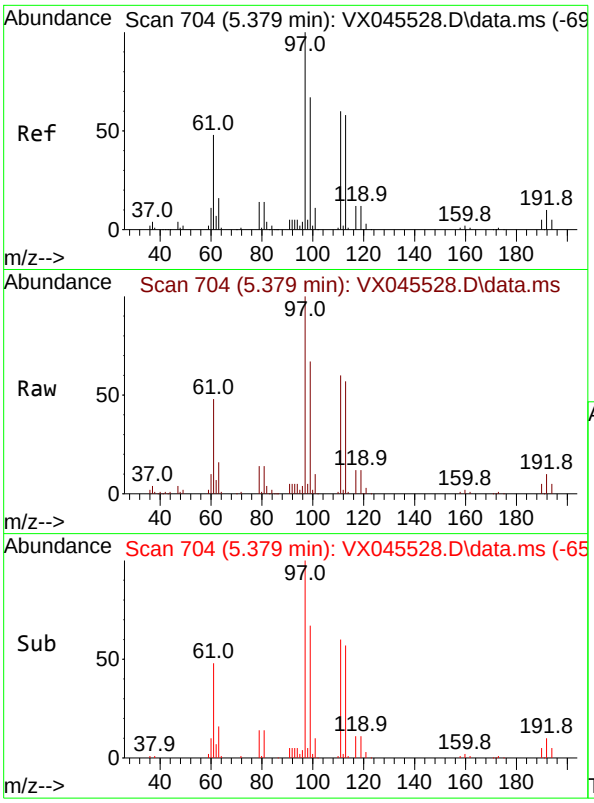


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:114 Resp: 168287

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.8
88	17.7	0.0	35.4

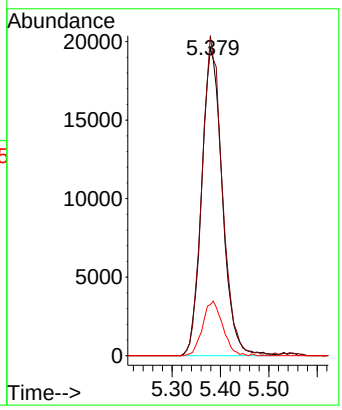




#35
Dibromofluoromethane
Concen: 48.667 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:113 Resp: 5810

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	17.2	13.8	20.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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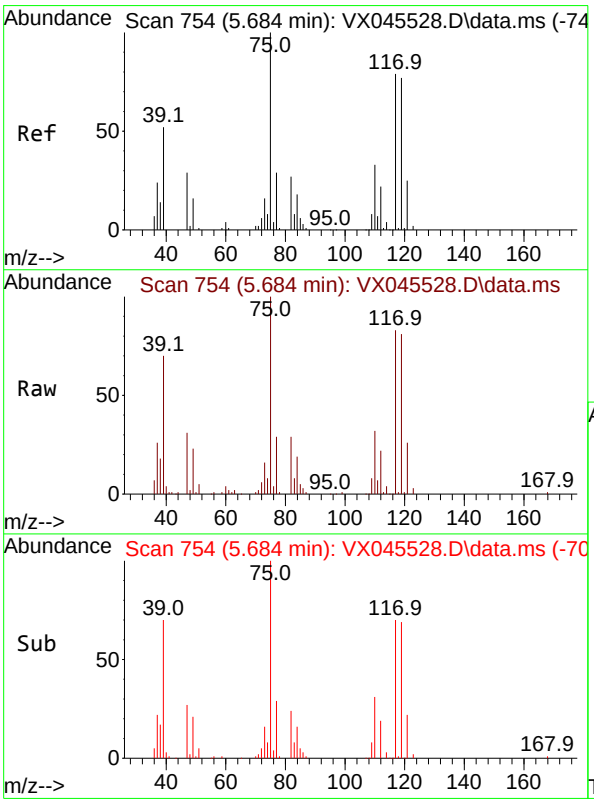
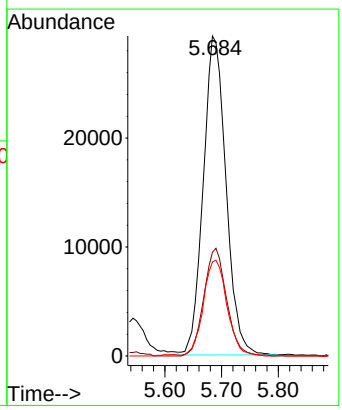
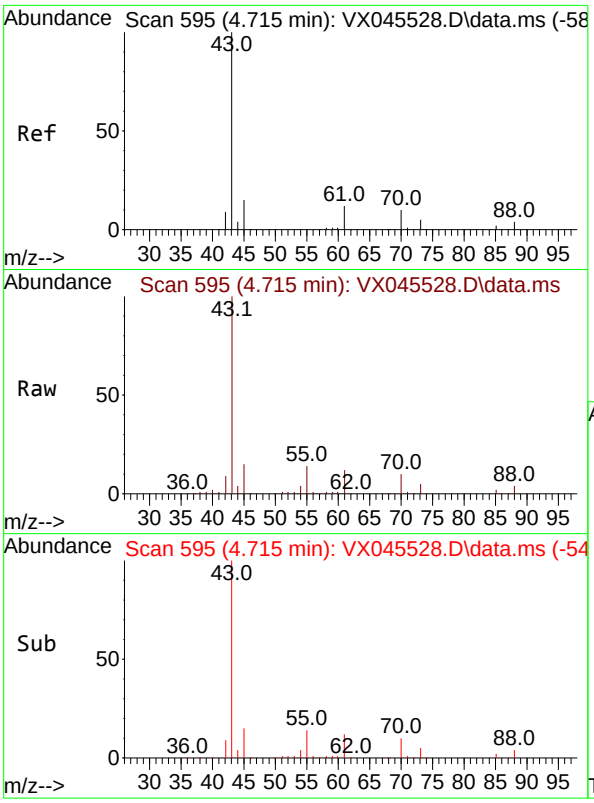


#36
1,1-Dichloropropene
Concen: 50.620 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 75 Resp: 81607

Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	31.2	25.0	37.4

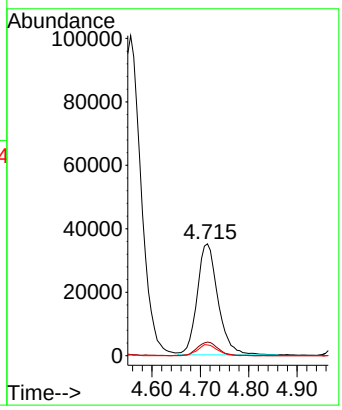




#37
Ethyl Acetate
Concen: 51.632 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 10489

Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	9.4	7.5	11.3



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ClientSampleId :
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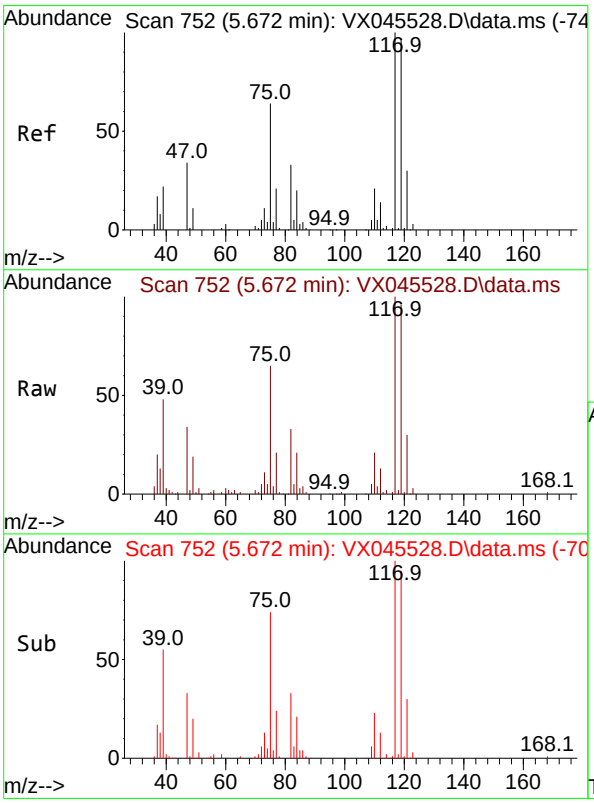
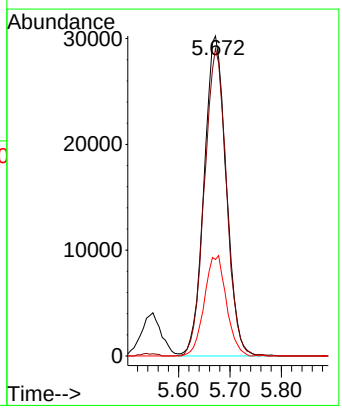
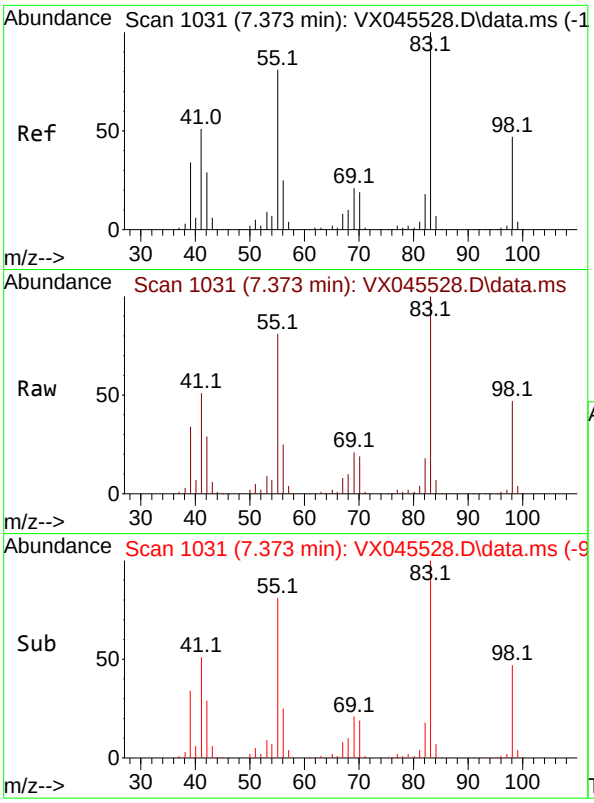


#38
Carbon Tetrachloride
Concen: 51.797 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:117 Resp: 90247

Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
121	30.2	24.2	36.2

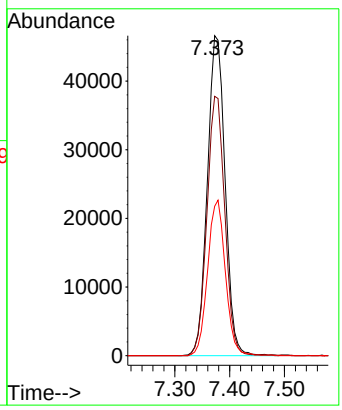




#39
Methylcyclohexane
Concen: 52.970 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 83 Resp: 10467

Ion	Ratio	Lower	Upper
83	100		
55	81.1	64.9	97.3
98	46.7	37.4	56.0



Instrument :
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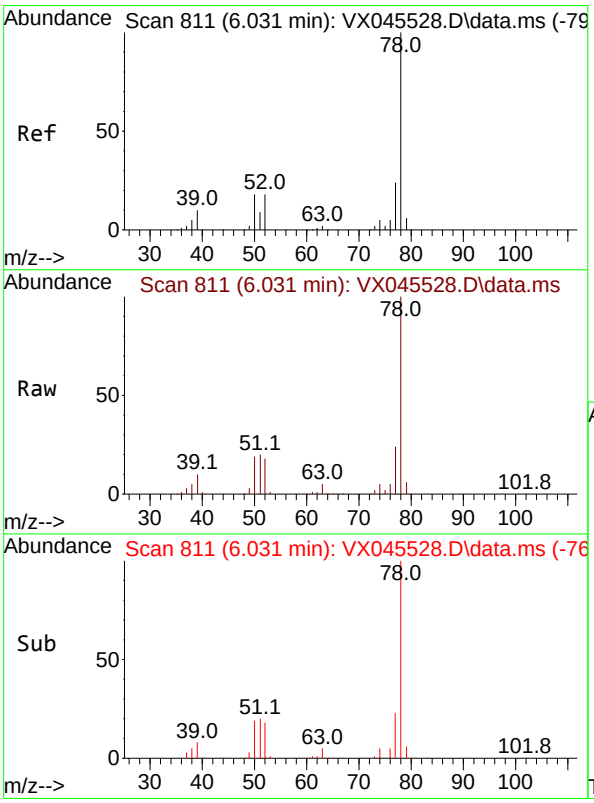
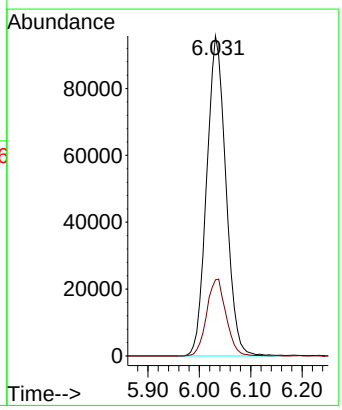
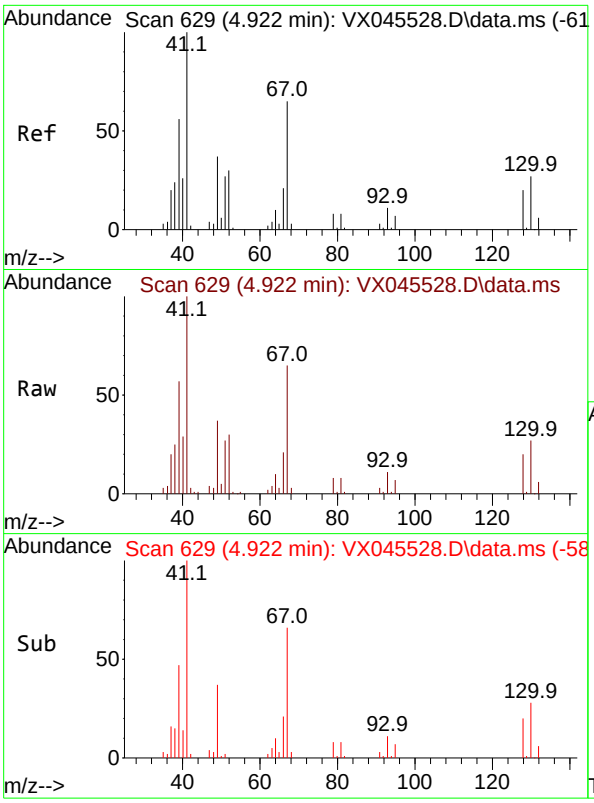


#40
Benzene
Concen: 50.605 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 78 Resp: 249161

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6

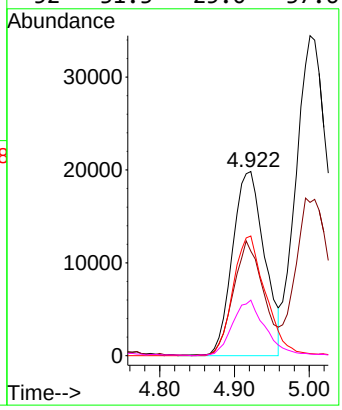




#41
Methacrylonitrile
Concen: 54.623 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 41 Resp: 5906

Ion	Ratio	Lower	Upper
41	100		
39	58.8	47.0	70.6
67	66.5	53.2	79.8
52	31.3	25.0	37.6



Instrument :
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ClientSampleId :
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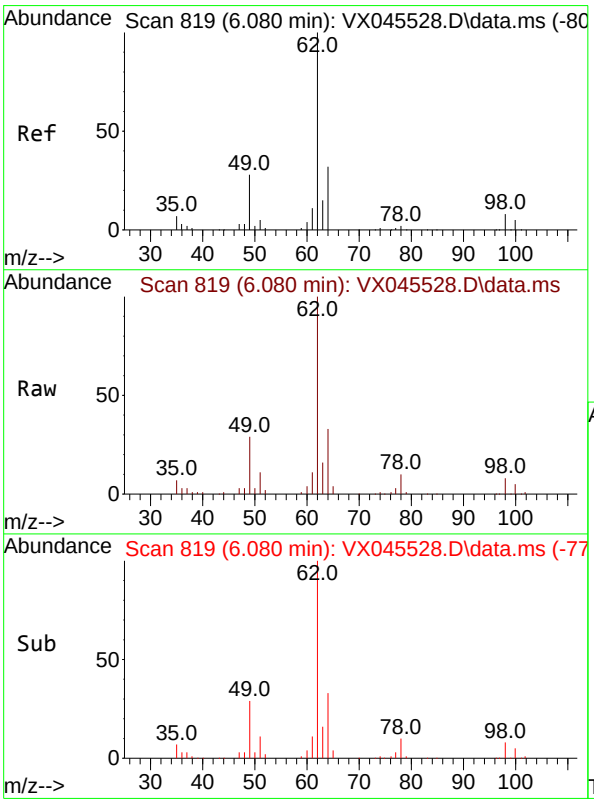
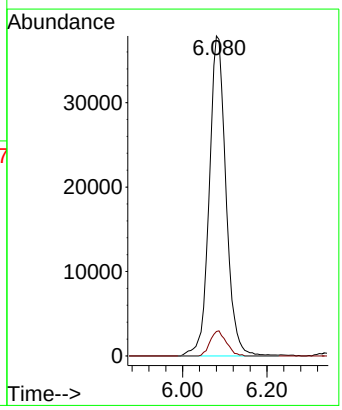
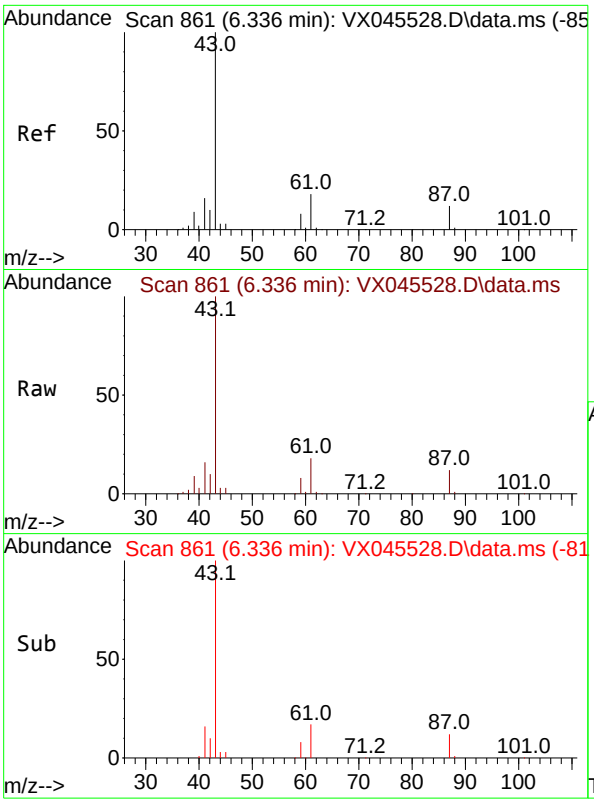


#42
1,2-Dichloroethane
Concen: 51.437 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 62 Resp: 104601

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2





#43
Isopropyl Acetate
Concen: 53.452 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 16458

Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.1	21.1
87	11.5	9.2	13.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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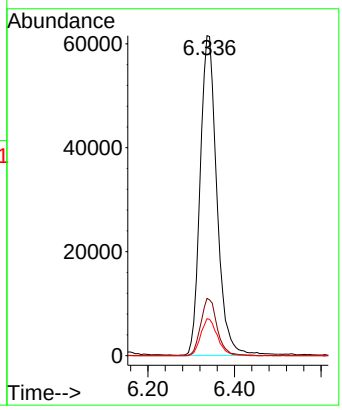
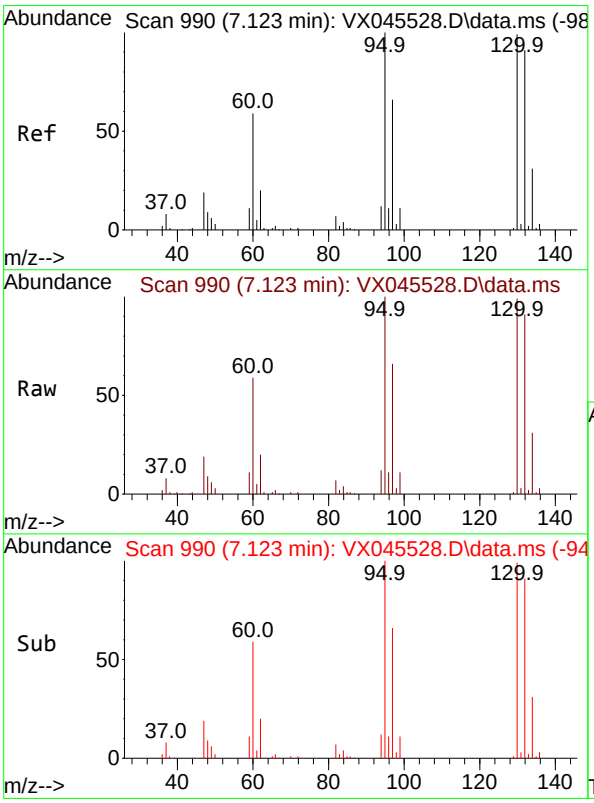
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

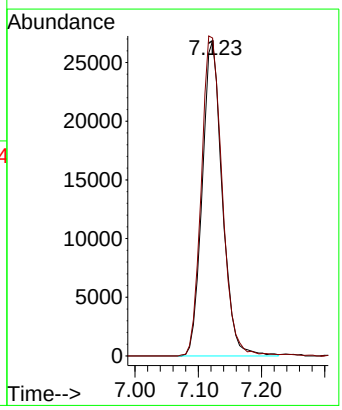


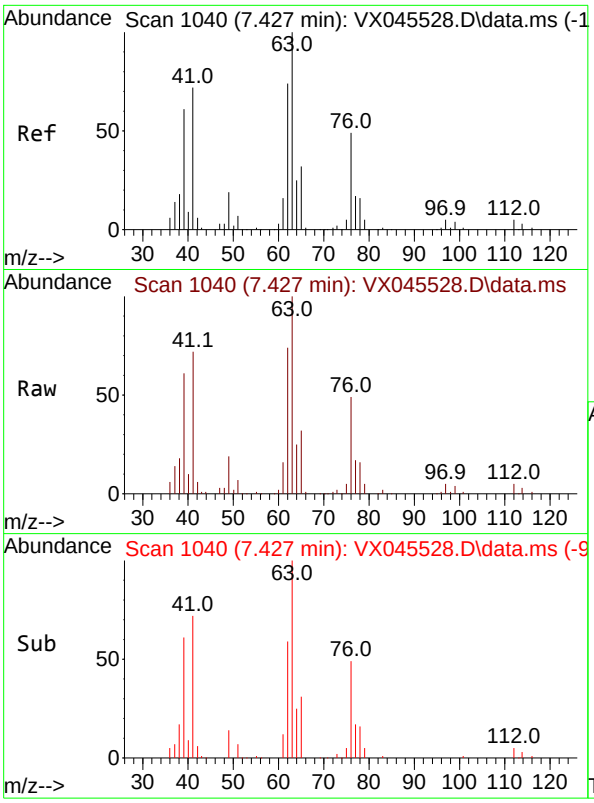


#44
Trichloroethene
Concen: 50.452 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:130 Resp: 59042

Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	202.0

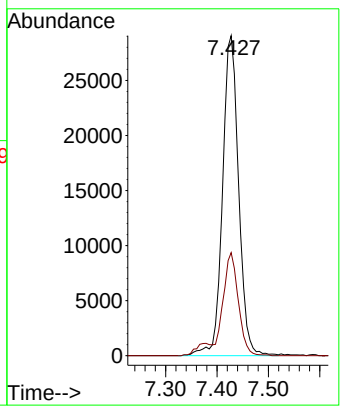




#45
1,2-Dichloropropane
Concen: 51.540 ug/l
RT: 7.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 63 Resp: 6331

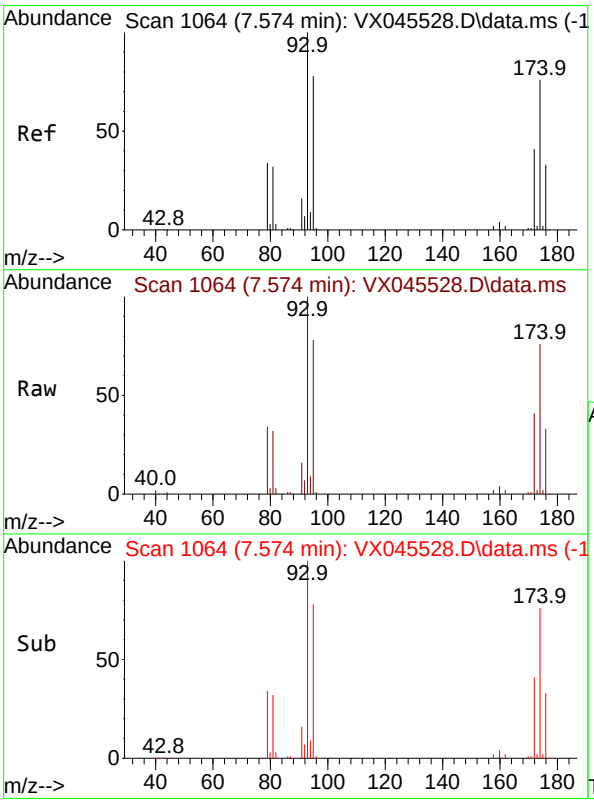
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

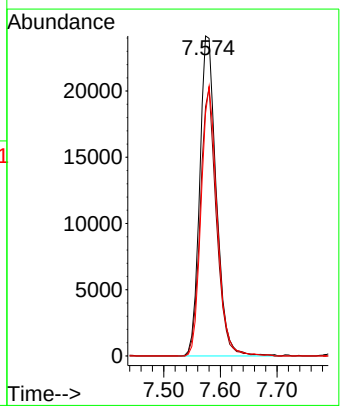
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

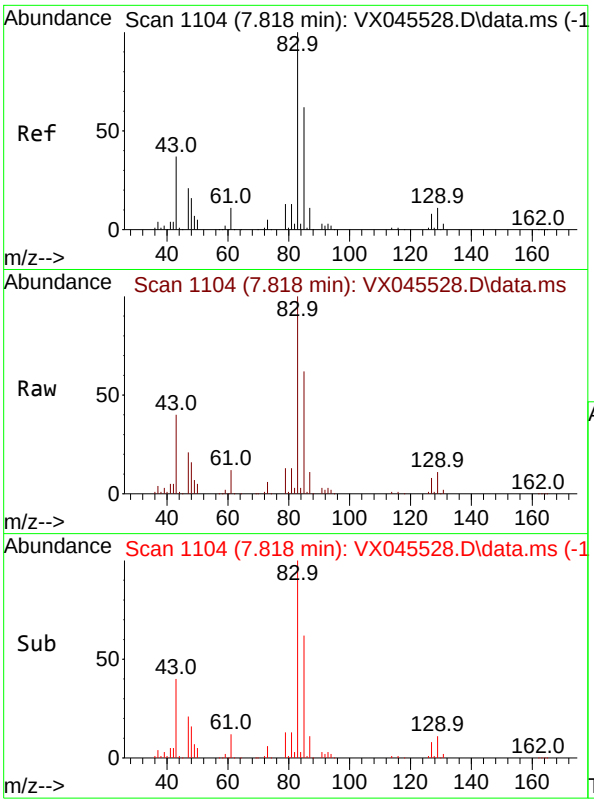


#46
Dibromomethane
Concen: 52.092 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 93 Resp: 49125

Ion	Ratio	Lower	Upper
93	100		
95	81.0	64.8	97.2
174	81.7	65.4	98.0

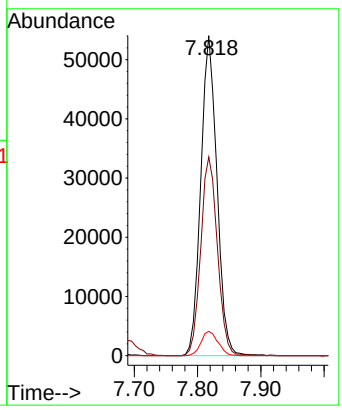




#47
Bromodichloromethane
Concen: 51.068 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 83 Resp: 9617

Ion	Ratio	Lower	Upper
83	100		
85	62.1	49.7	74.5
127	7.6	6.1	9.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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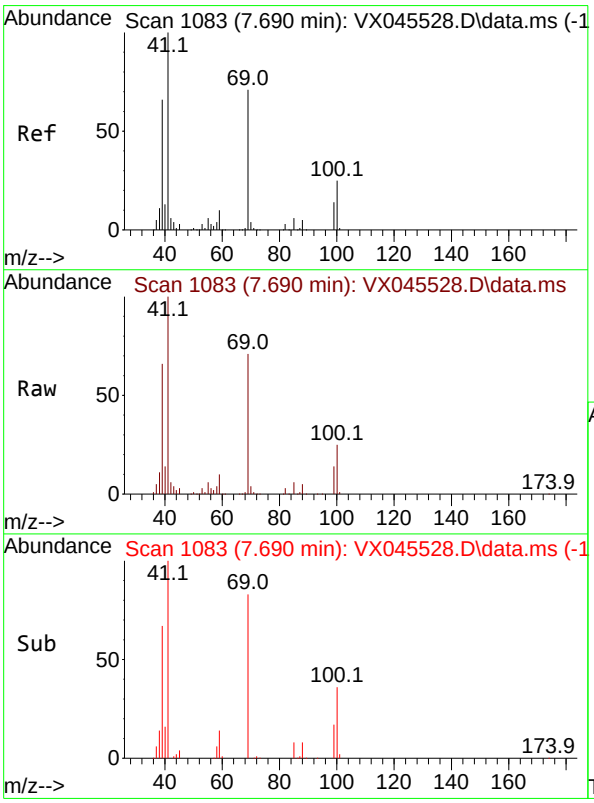
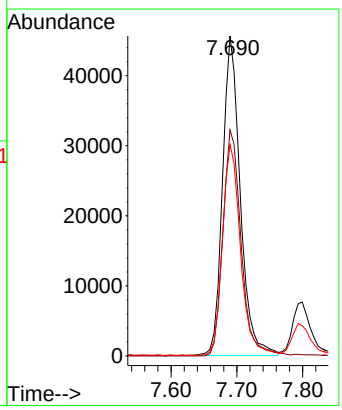
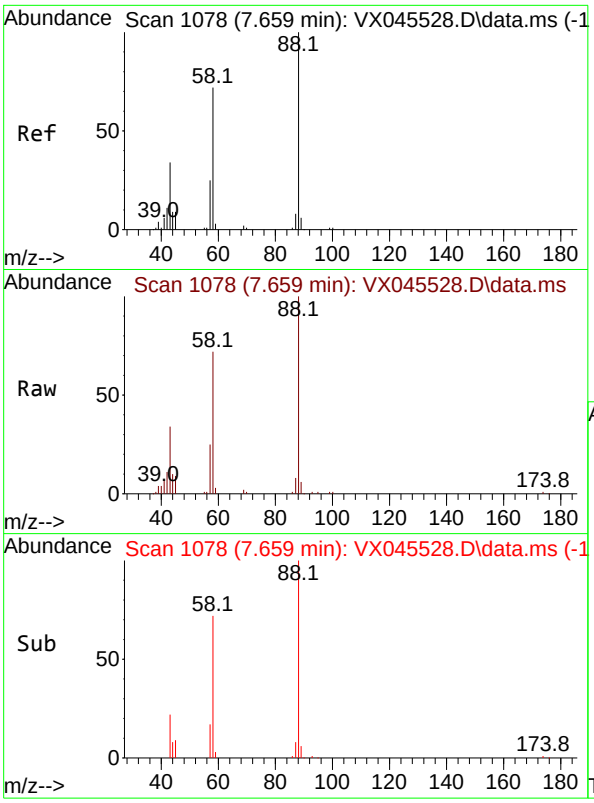


#48
Methyl methacrylate
Concen: 53.768 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 41 Resp: 85483

Ion	Ratio	Lower	Upper
41	100		
69	72.7	58.2	87.2
39	67.0	53.6	80.4





#49
1,4-Dioxane
Concen: 1084.635 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 88 Resp: 3119

Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.2	48.4
58	73.3	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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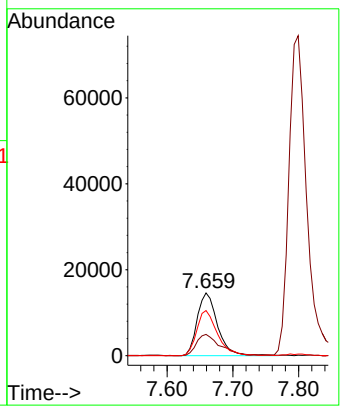
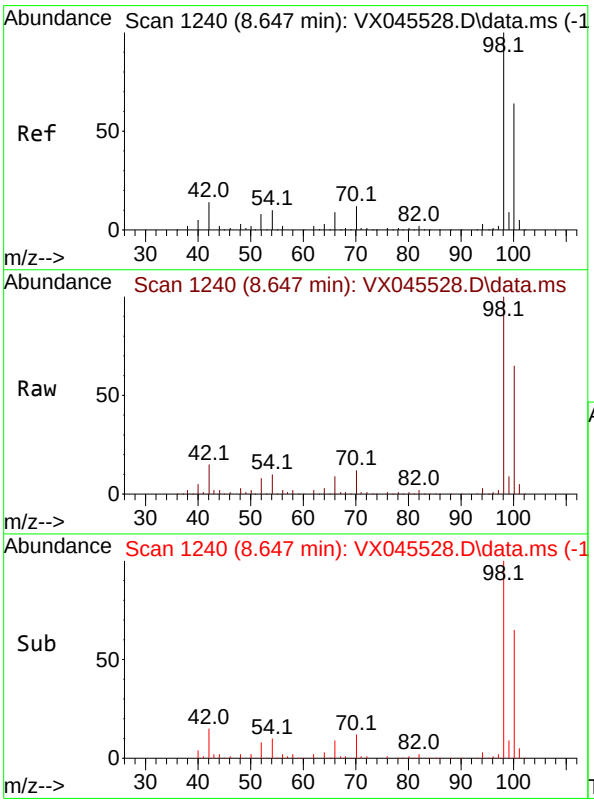
Supervised By :Mahesh Dadoda 04/02/2025

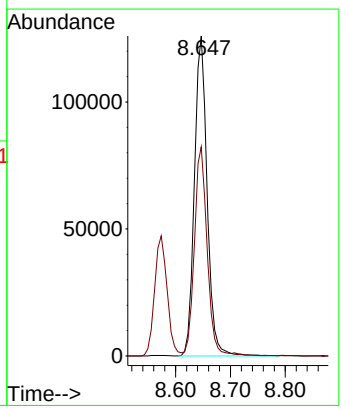


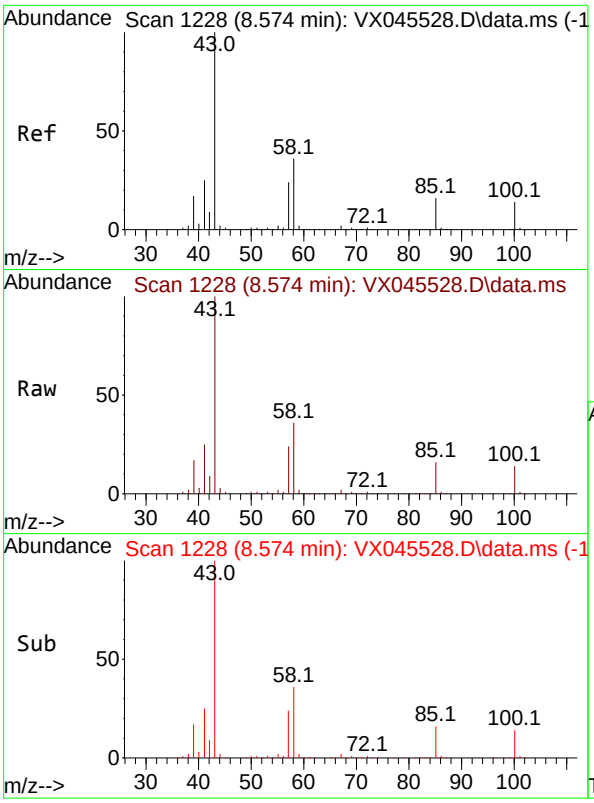


#50
Toluene-d8
Concen: 49.031 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 98 Resp: 204338

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.4

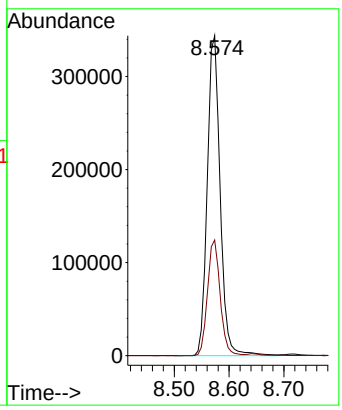




#51
4-Methyl-2-Pentanone
Concen: 273.375 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 55802

Ion	Ratio	Lower	Upper
43	100		
58	35.6	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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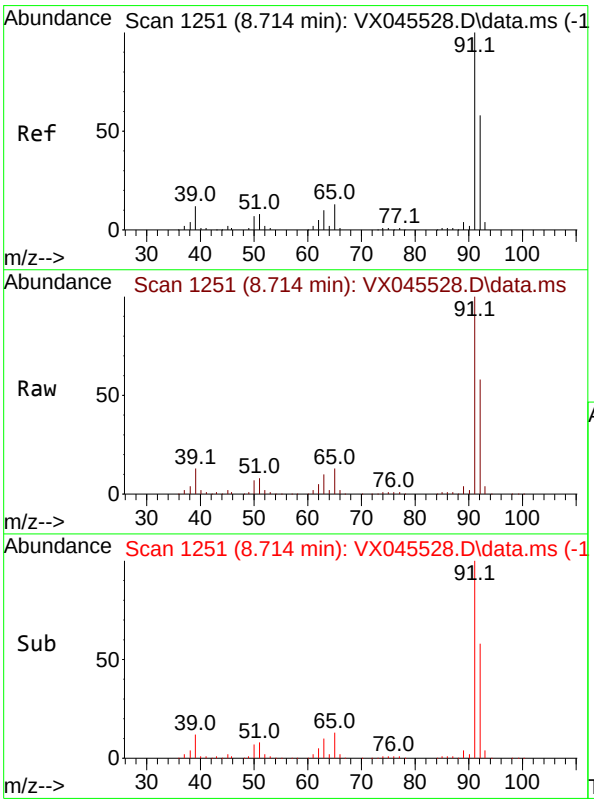
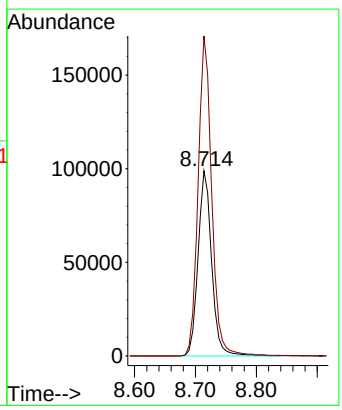
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

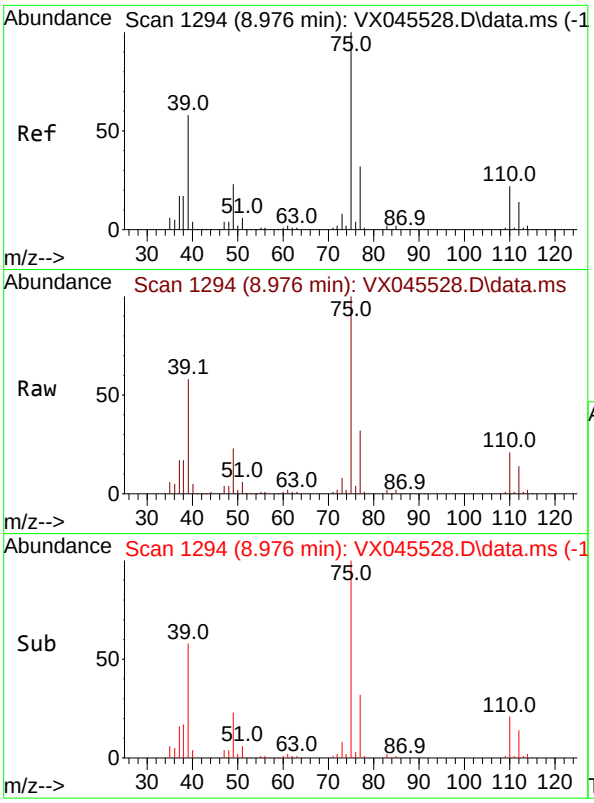


#52
Toluene
Concen: 51.402 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 92 Resp: 153143

Ion	Ratio	Lower	Upper
92	100		
91	173.4	138.7	208.1

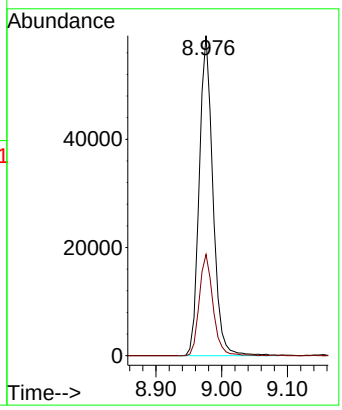




#53
t-1,3-Dichloropropene
Concen: 47.317 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 75 Resp: 8546

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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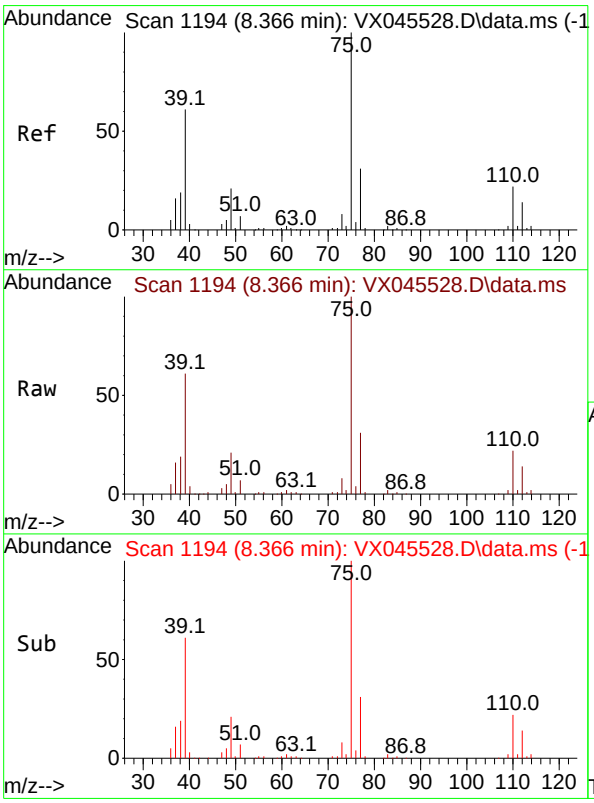
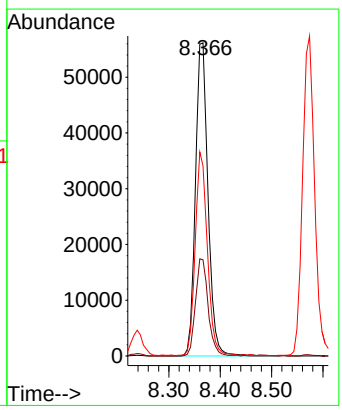
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

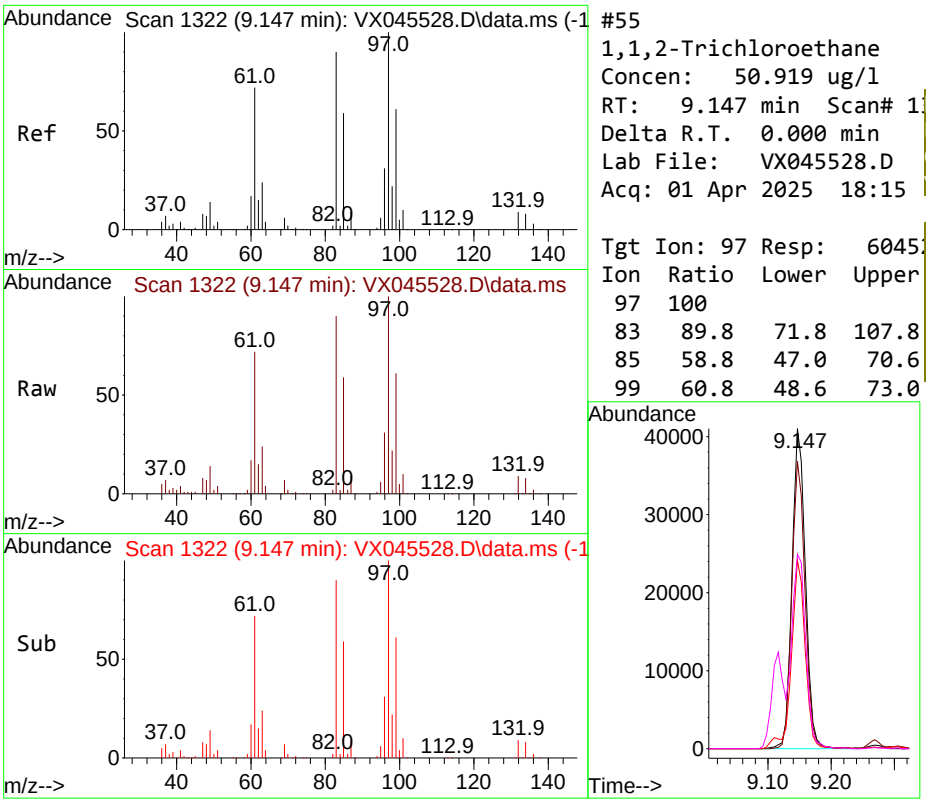


#54
cis-1,3-Dichloropropene
Concen: 53.975 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 75 Resp: 95524

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	60.5	48.4	72.6





#55
1,1,2-Trichloroethane
Concen: 50.919 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 97 Resp: 6045

Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.8	107.8
85	58.8	47.0	70.6
99	60.8	48.6	73.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
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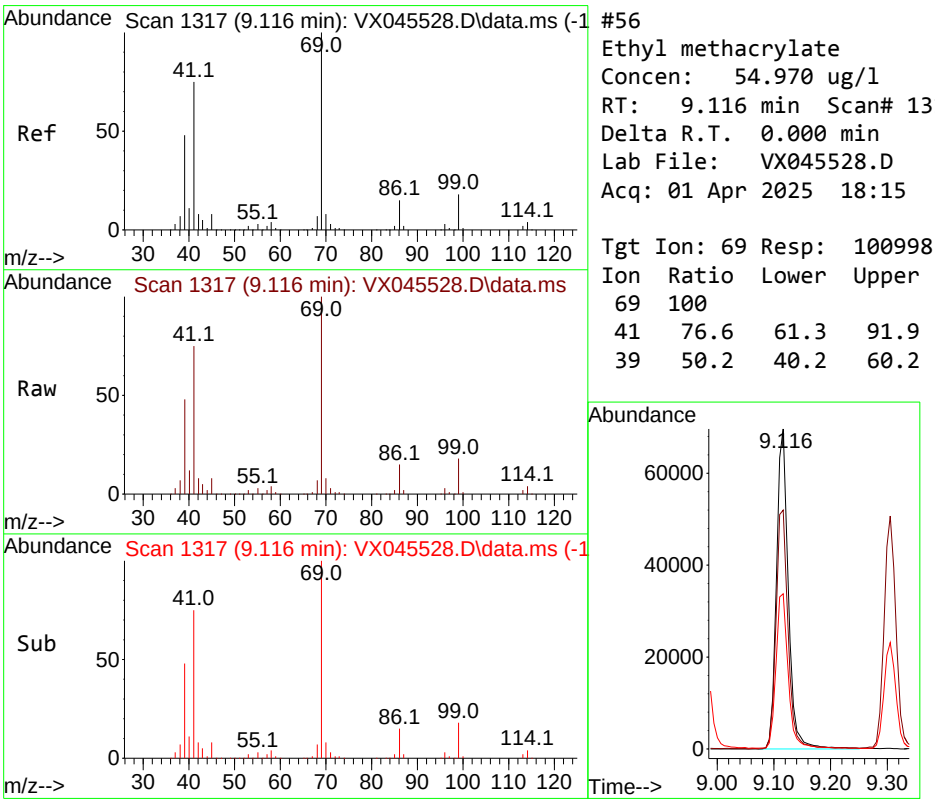
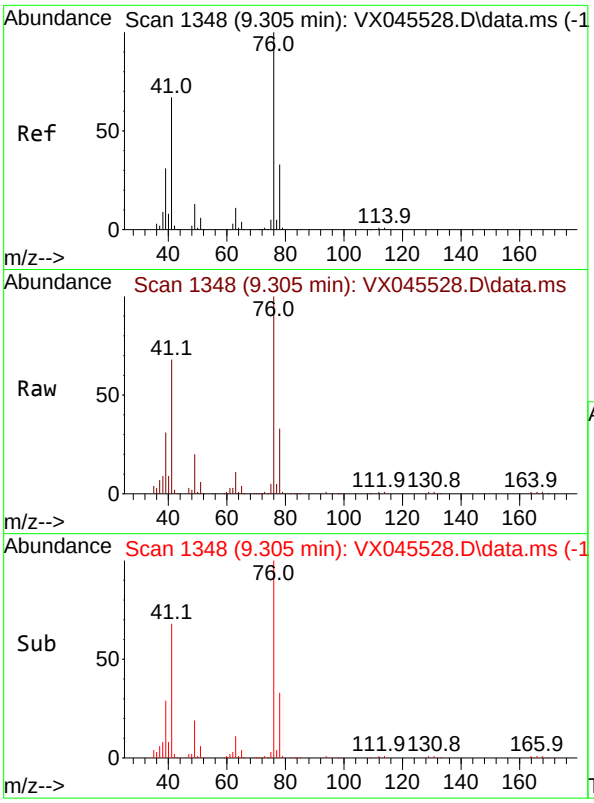


#56
Ethyl methacrylate
Concen: 54.970 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 69 Resp: 100998

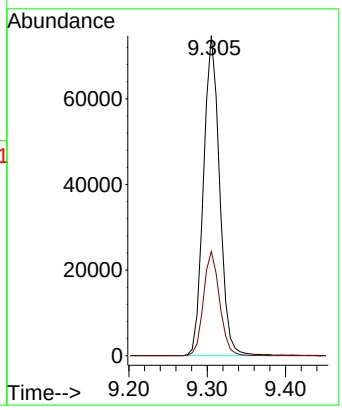
Ion	Ratio	Lower	Upper
69	100		
41	76.6	61.3	91.9
39	50.2	40.2	60.2



#57
1,3-Dichloropropane
Concen: 51.554 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 76 Resp: 10658

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

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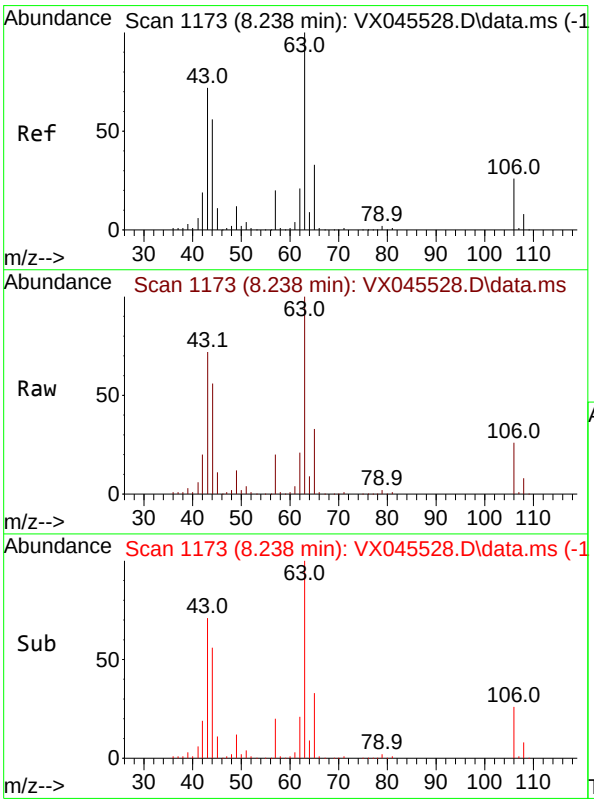
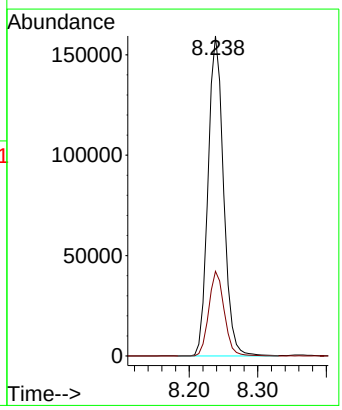
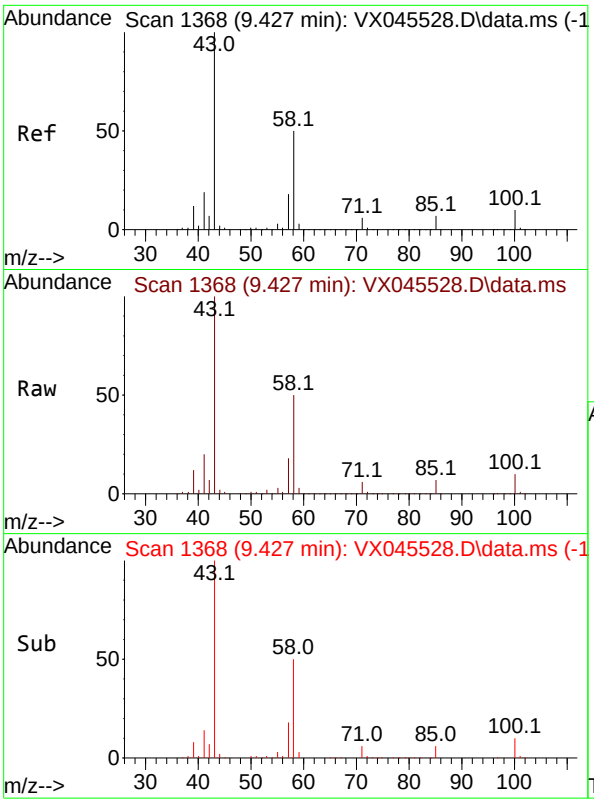


#58
2-Chloroethyl Vinyl ether
Concen: 269.434 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 63 Resp: 250428

Ion	Ratio	Lower	Upper
63	100		
106	26.3	21.0	31.6





#59
2-Hexanone
Concen: 273.765 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 41382

Ion	Ratio	Lower	Upper
43	100		
58	49.7	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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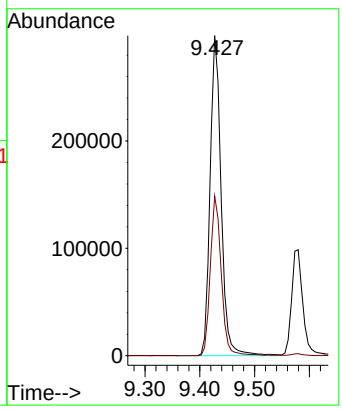
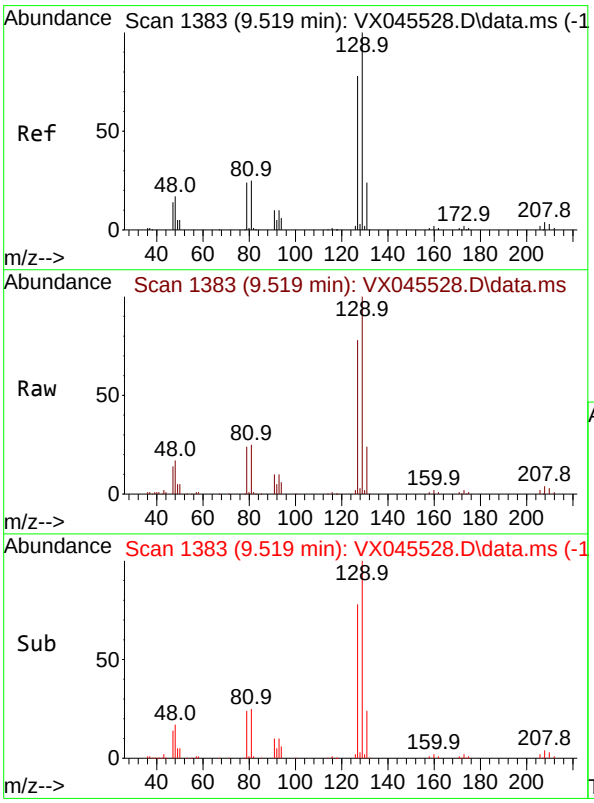
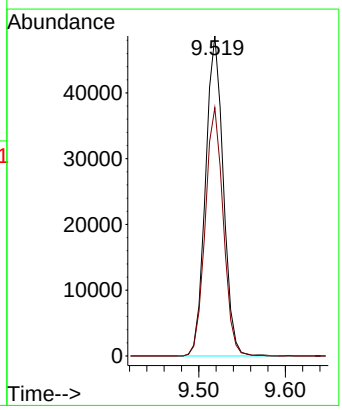


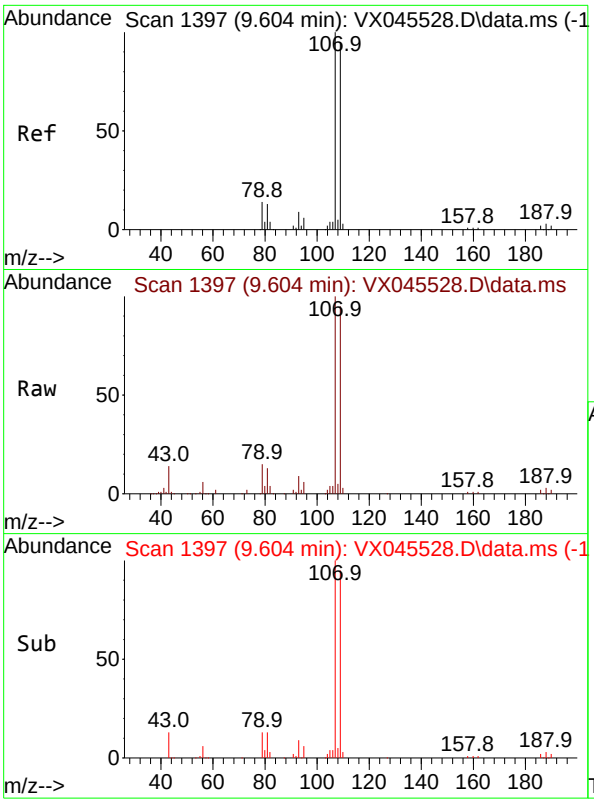


#60
Dibromochloromethane
Concen: 53.511 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:129 Resp: 69258

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.4	118.2

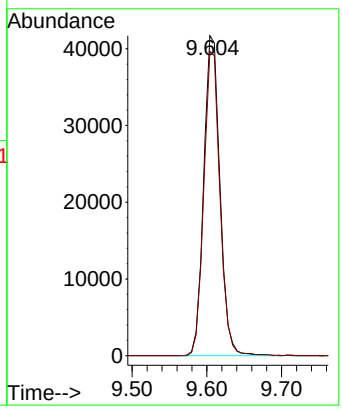




#61
1,2-Dibromoethane
Concen: 52.264 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:107 Resp: 6281

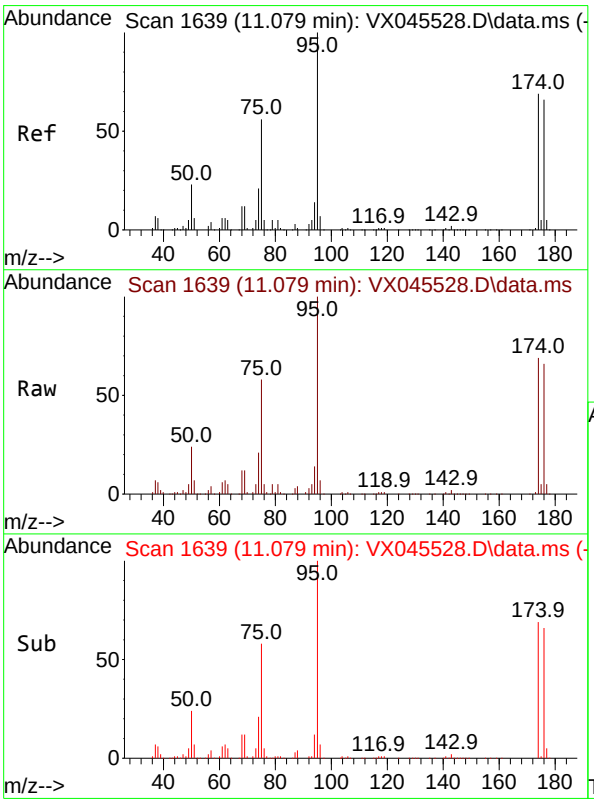
Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

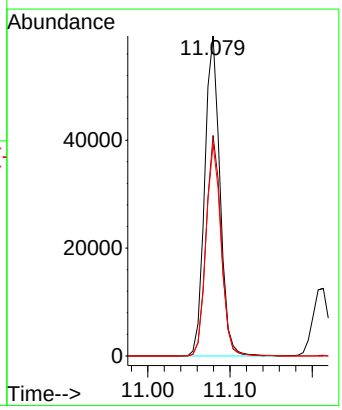
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

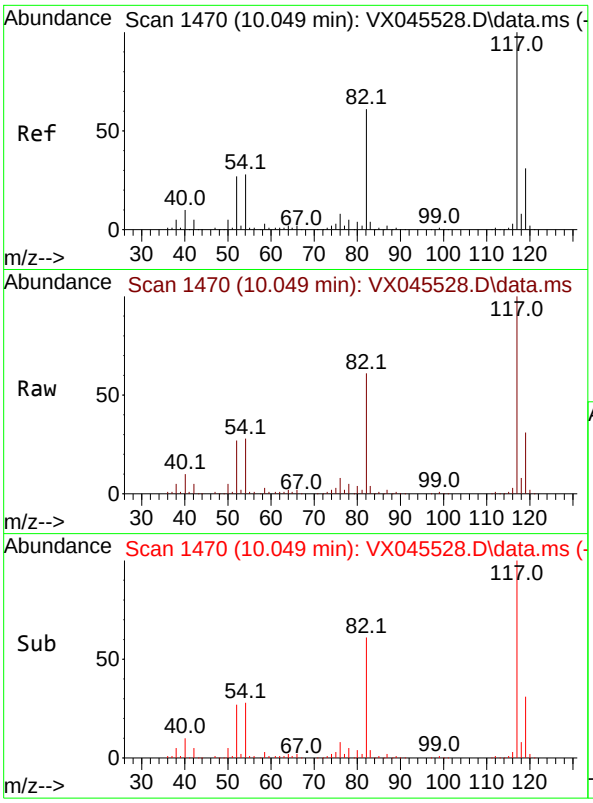


#62
4-Bromofluorobenzene
Concen: 50.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 95 Resp: 76190

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	135.8
176	65.7	0.0	131.4

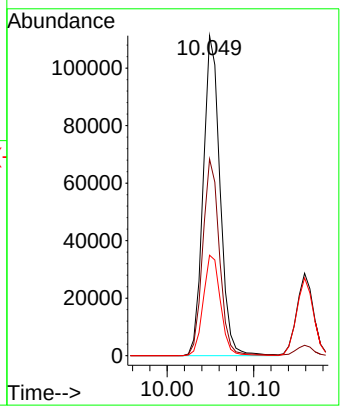




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:117 Resp: 15020

Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.2	73.8
119	31.4	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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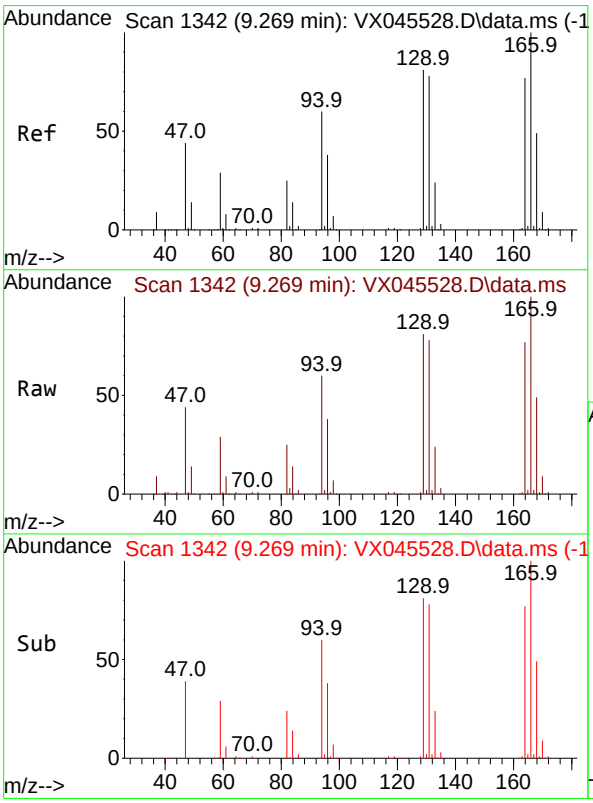
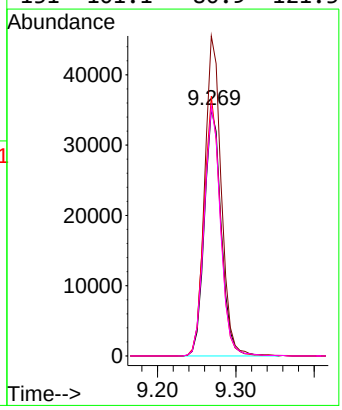
Supervised By :Mahesh Dadoda 04/02/2025

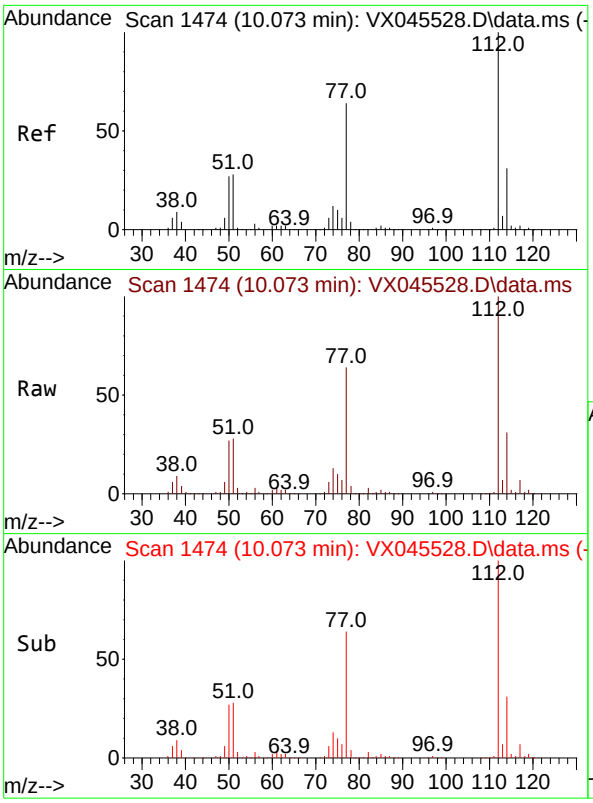


#64
Tetrachloroethene
Concen: 49.181 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:164 Resp: 52155

Ion	Ratio	Lower	Upper
164	100		
166	129.8	103.8	155.8
129	105.4	84.3	126.5
131	101.1	80.9	121.3

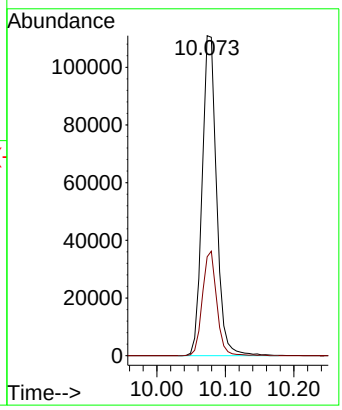




#65
Chlorobenzene
Concen: 50.733 ug/l
RT: 10.073 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:112 Resp: 16282

Ion	Ratio	Lower	Upper
112	100		
114	30.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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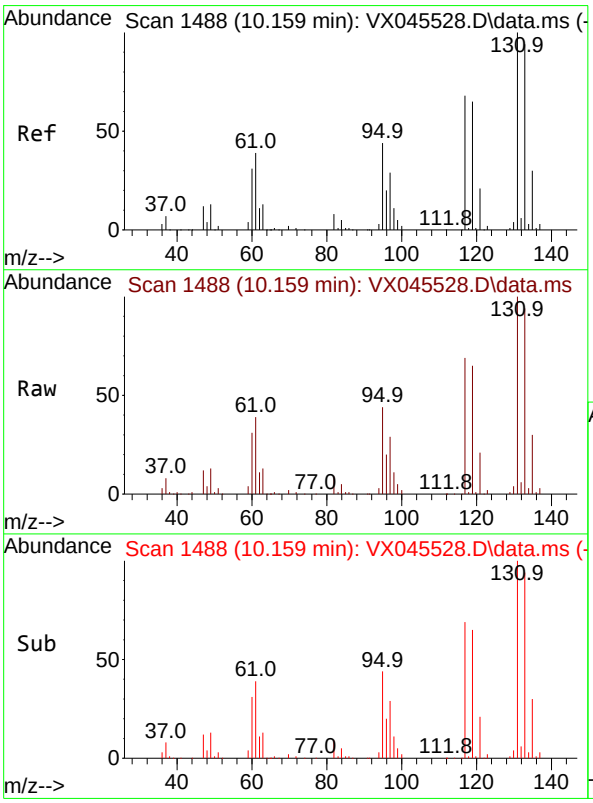
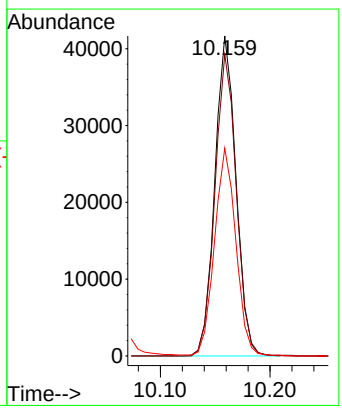
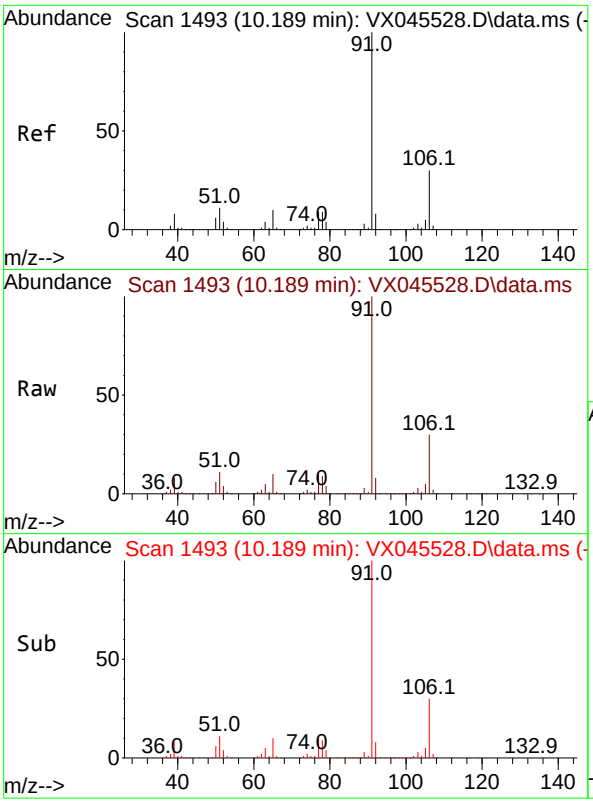


#66
1,1,1,2-Tetrachloroethane
Concen: 50.233 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:131 Resp: 55974

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.5	142.5
119	65.7	32.9	98.6

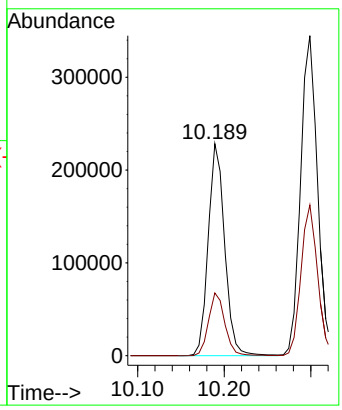




#67
Ethyl Benzene
Concen: 52.447 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 91 Resp: 30148

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.7	35.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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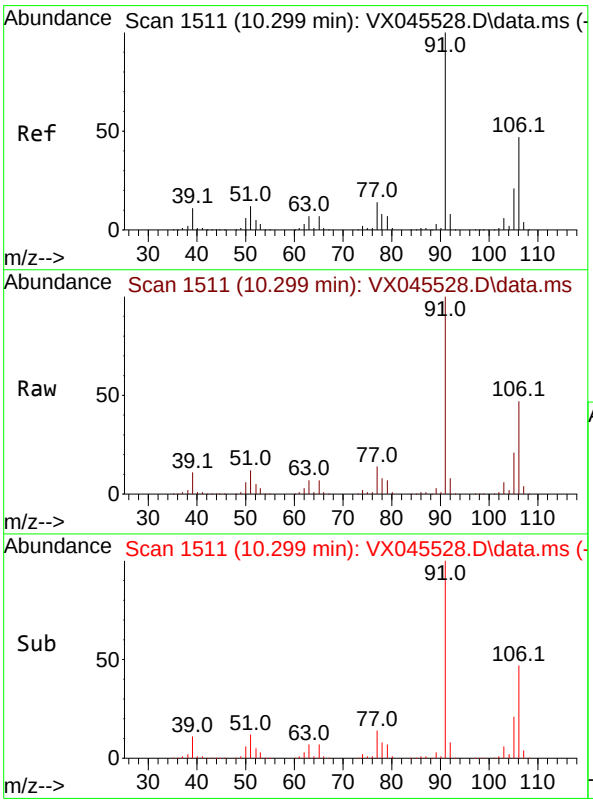
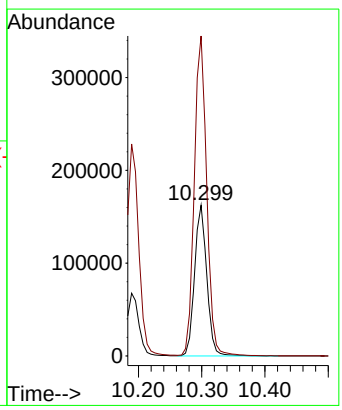
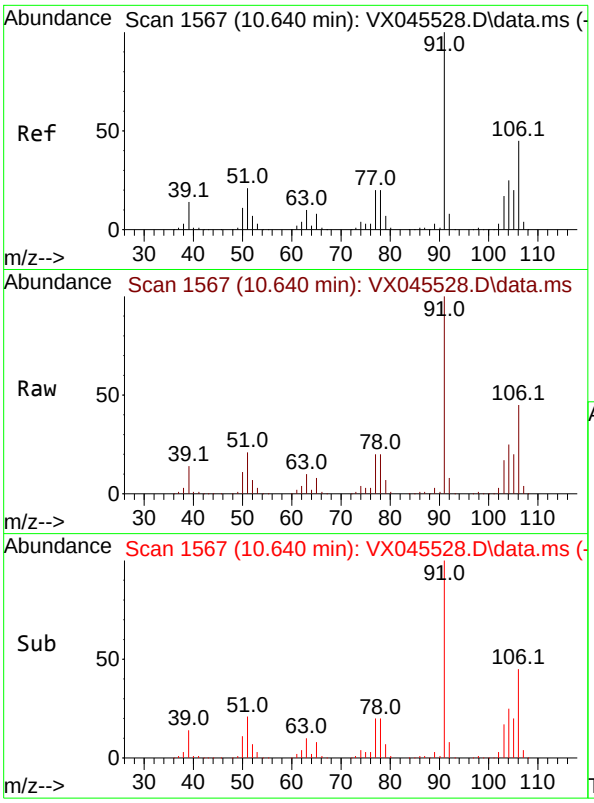


#68
m/p-Xylenes
Concen: 104.606 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:106 Resp: 218702

Ion	Ratio	Lower	Upper
106	100		
91	215.7	172.6	258.8

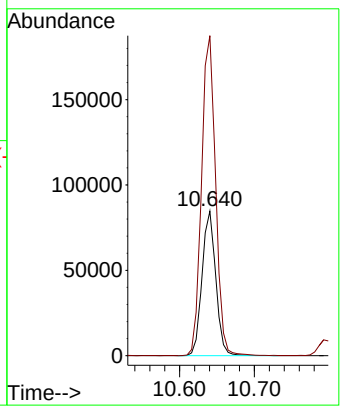




#69
o-Xylene
Concen: 52.452 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:106 Resp: 10802

Ion	Ratio	Lower	Upper
106	100		
91	227.1	113.6	340.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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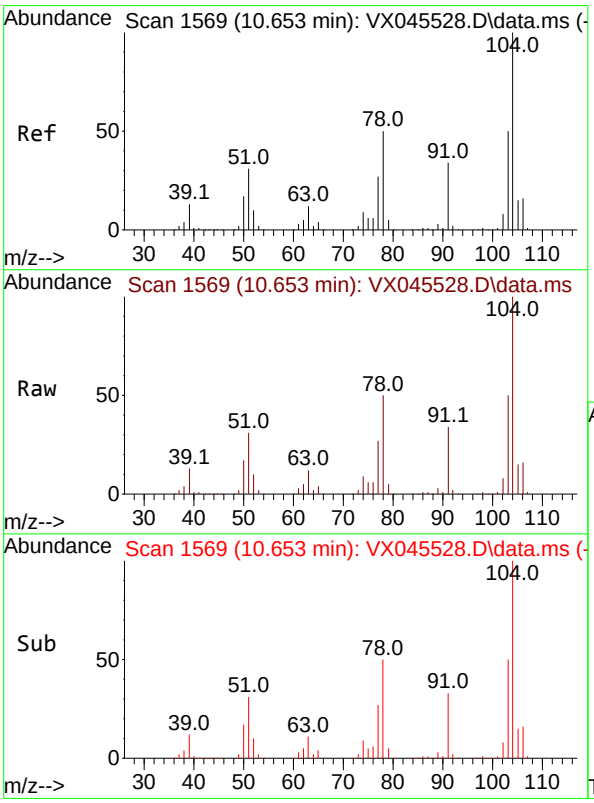
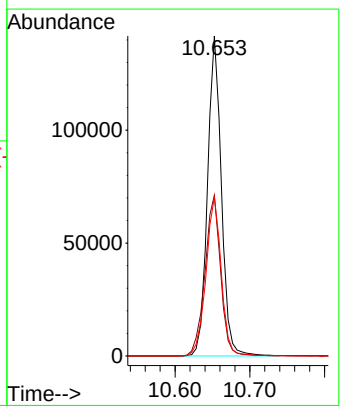
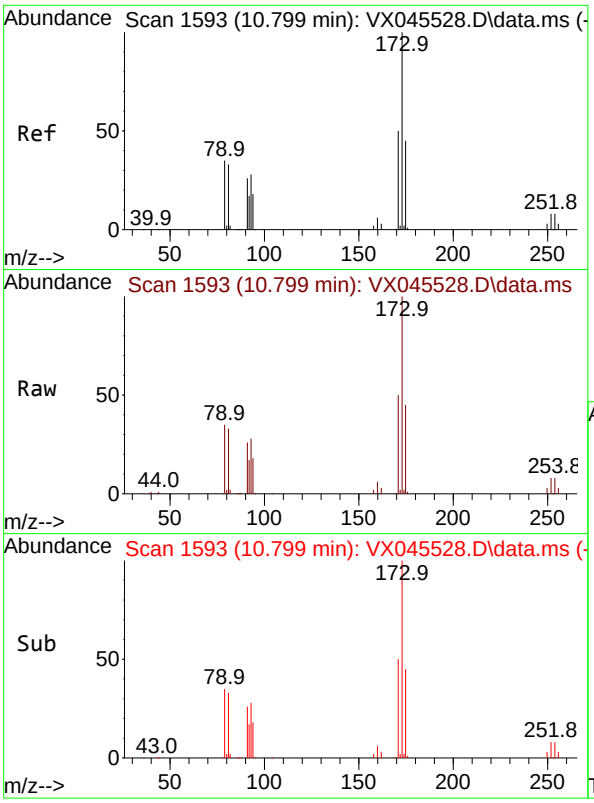


#70
Styrene
Concen: 53.723 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:104 Resp: 182620

Ion	Ratio	Lower	Upper
104	100		
78	56.8	45.4	68.2
103	54.8	43.8	65.8

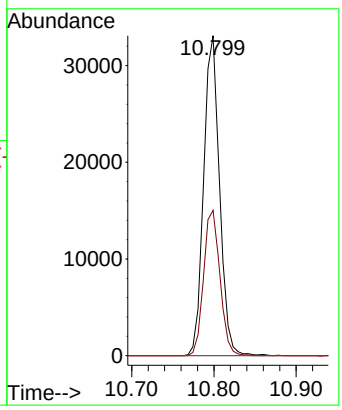




#71
Bromoform
Concen: 53.361 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:173 Resp: 4439

Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.4	70.2
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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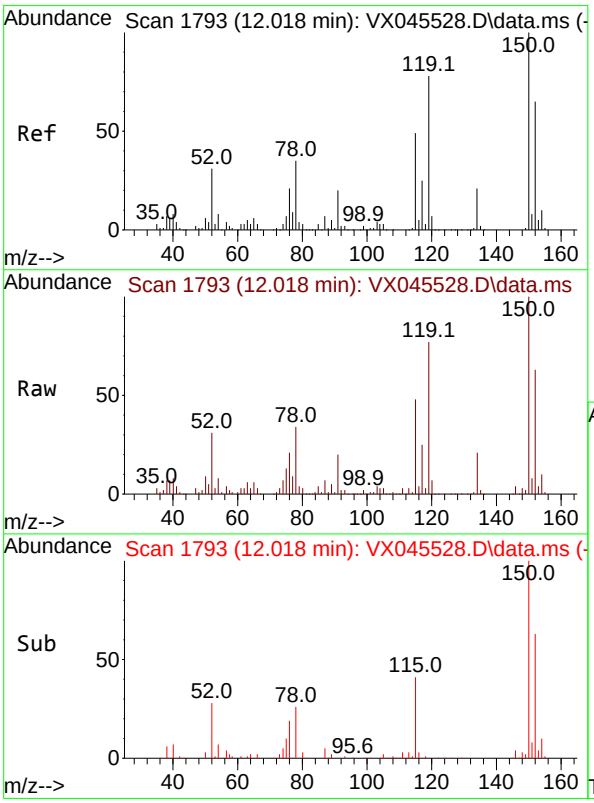
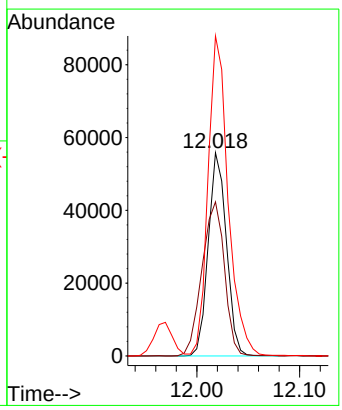
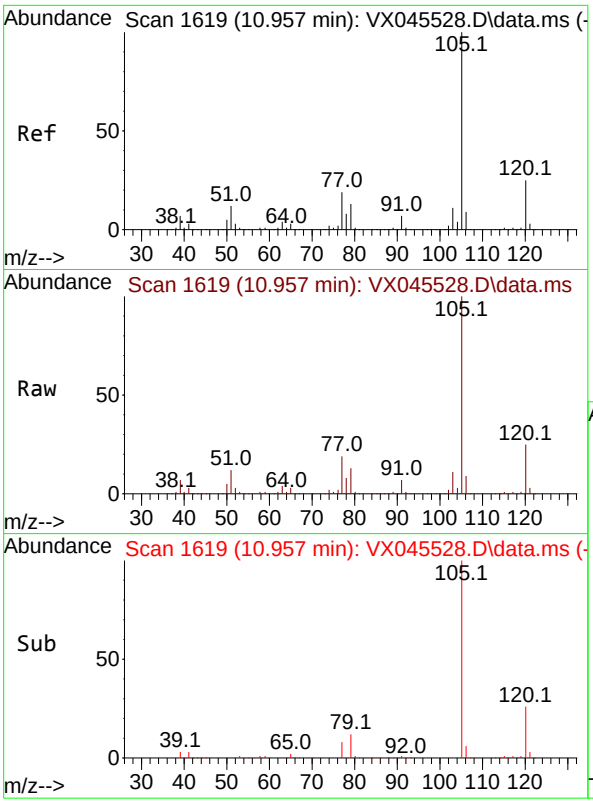


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:152 Resp: 68786

Ion	Ratio	Lower	Upper
152	100		
115	93.8	46.9	140.7
150	174.7	0.0	349.4





#73
Isopropylbenzene
Concen: 52.203 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:105 Resp: 28762

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.7	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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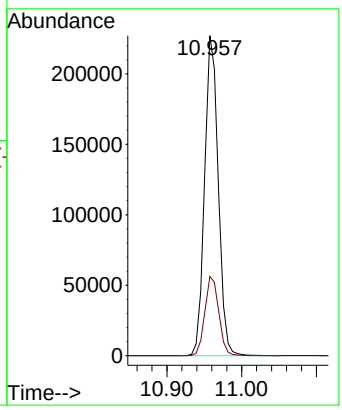
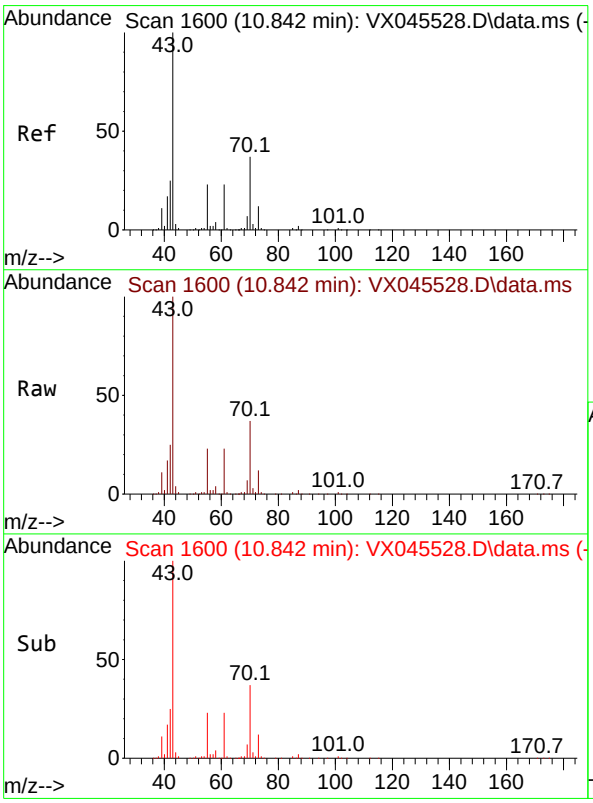
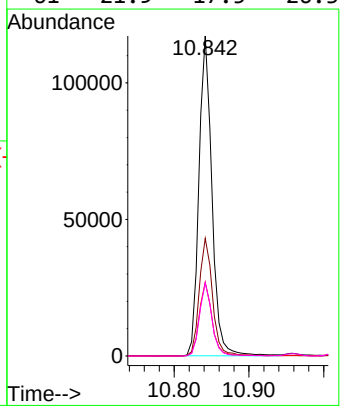


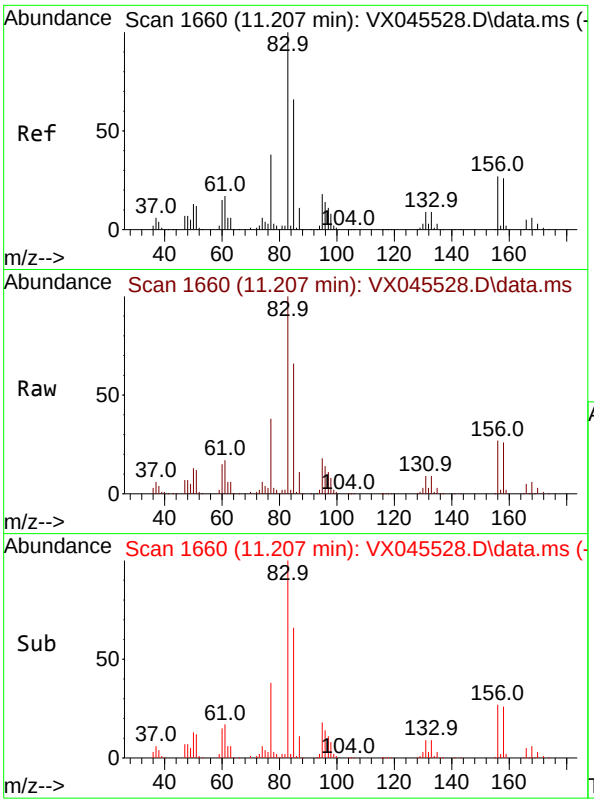


#74
N-amyl acetate
Concen: 53.721 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 43 Resp: 141589

Ion	Ratio	Lower	Upper
43	100		
70	37.6	30.1	45.1
55	22.9	18.3	27.5
61	21.9	17.5	26.3

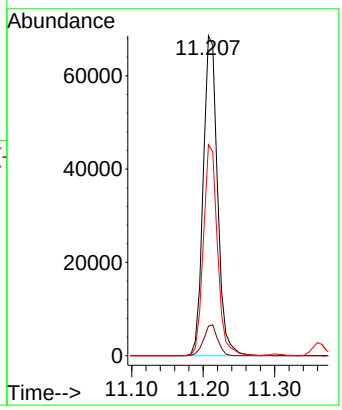




#75
1,1,2,2-Tetrachloroethane
Concen: 49.185 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 83 Resp: 9520

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	64.8	32.4	97.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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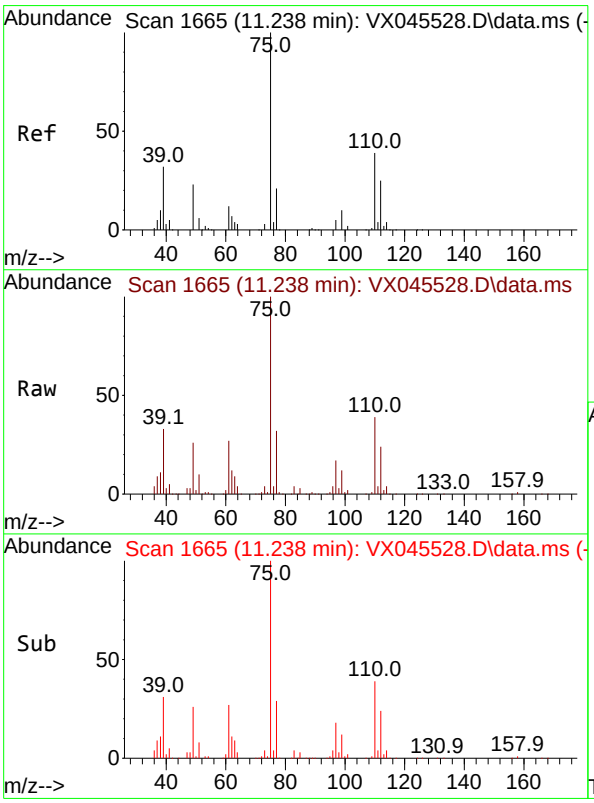
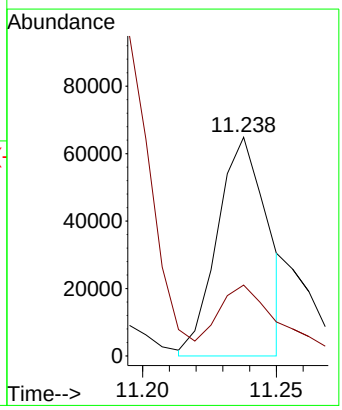
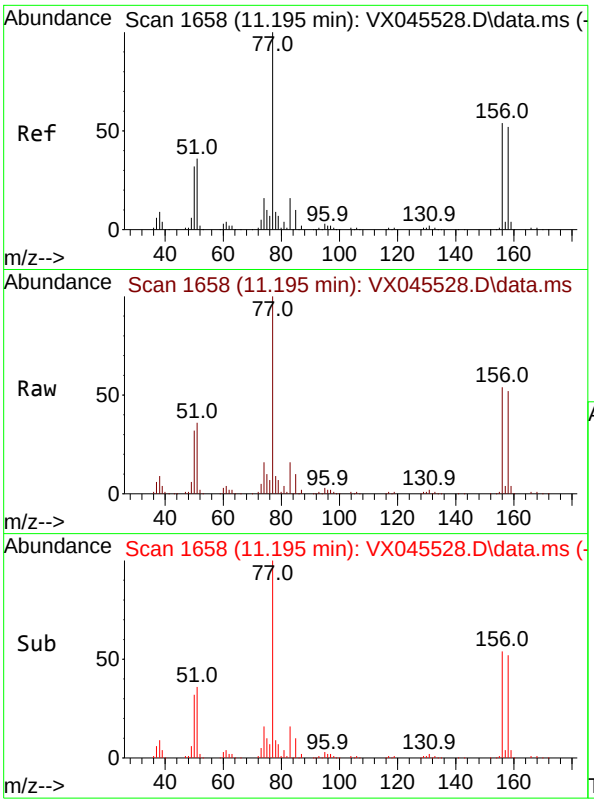


#76
1,2,3-Trichloropropane
Concen: 50.230 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 75 Resp: 84279

Ion	Ratio	Lower	Upper
75	100		
77	39.9	20.0	59.9

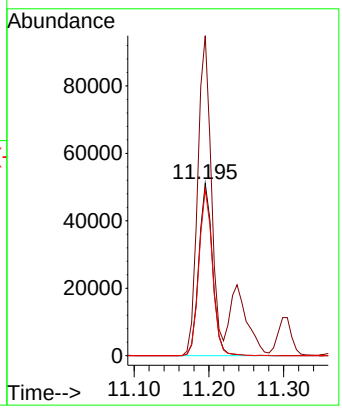




#77
Bromobenzene
Concen: 50.686 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:156 Resp: 6452

Ion	Ratio	Lower	Upper
156	100		
77	185.2	92.6	277.8
158	96.3	48.1	144.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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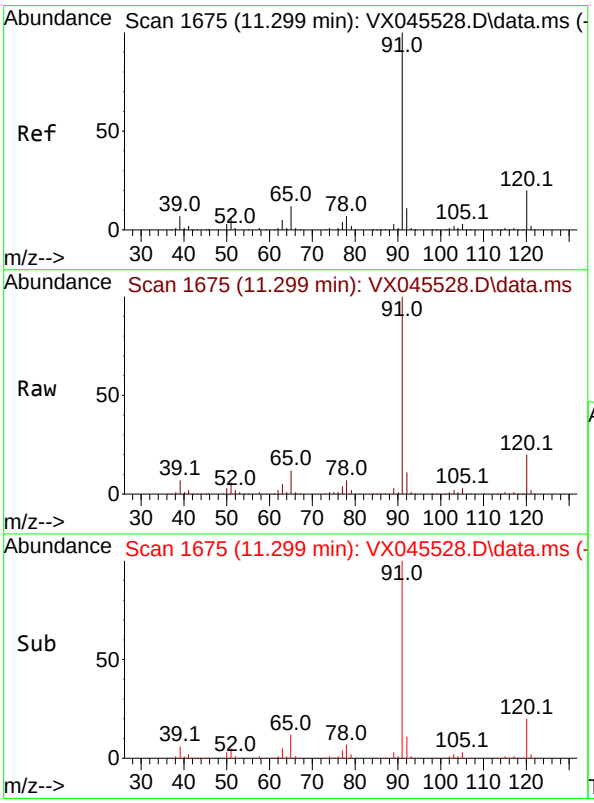
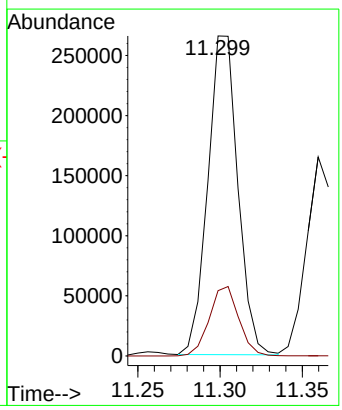
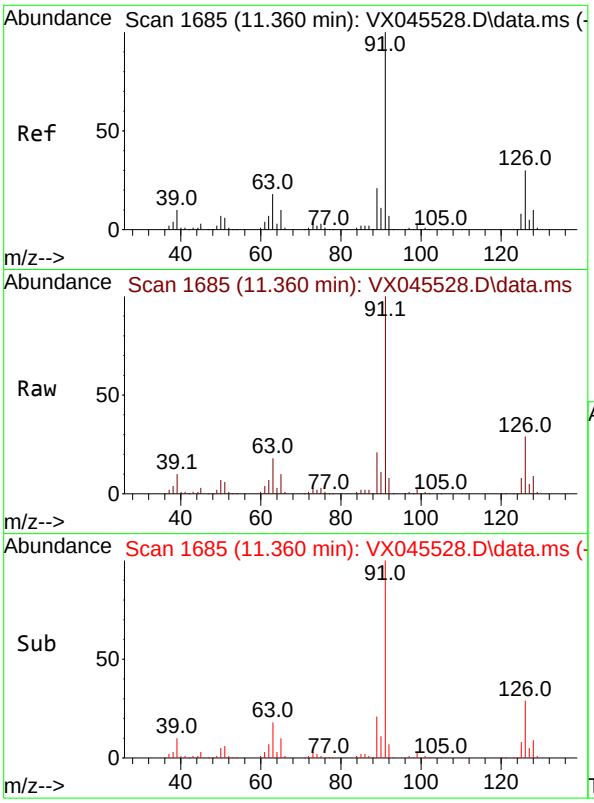


#78
n-propylbenzene
Concen: 53.069 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 91 Resp: 336796

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3





#79
2-Chlorotoluene
Concen: 50.279 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 91 Resp: 20399

Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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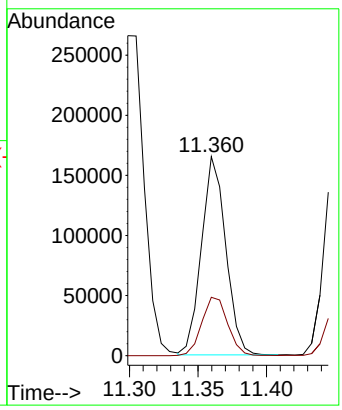
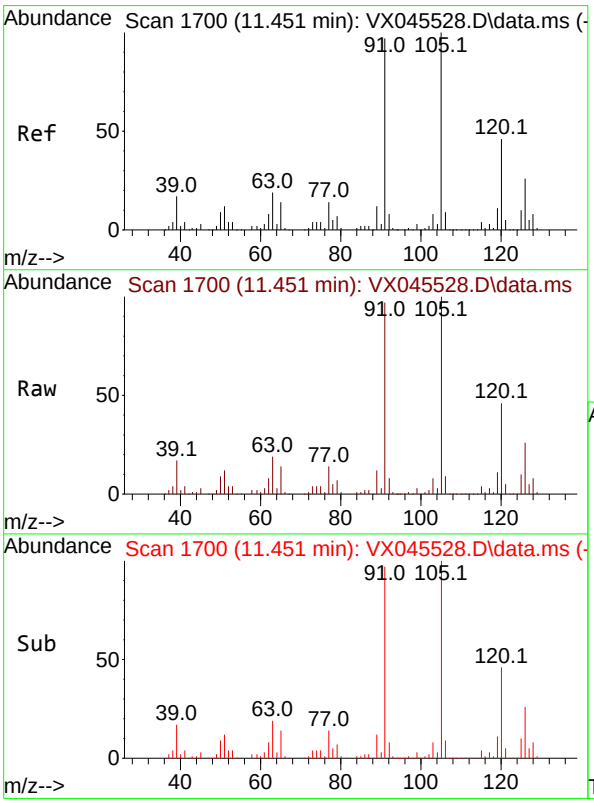
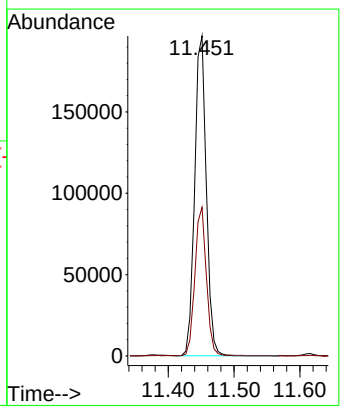


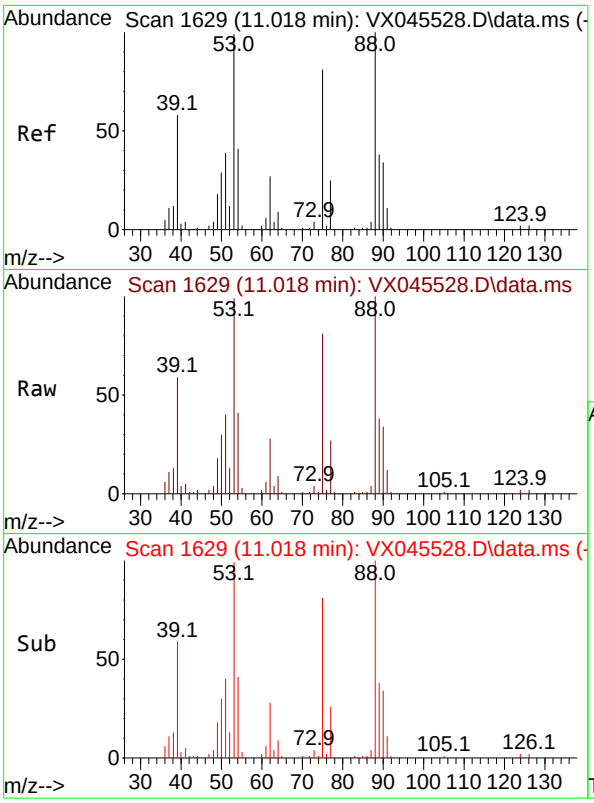


#80
1,3,5-Trimethylbenzene
Concen: 53.013 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:105 Resp: 241536

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0

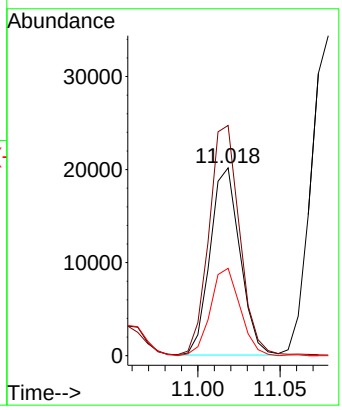




#81
trans-1,4-Dichloro-2-butene
Concen: 51.556 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 75 Resp: 2548

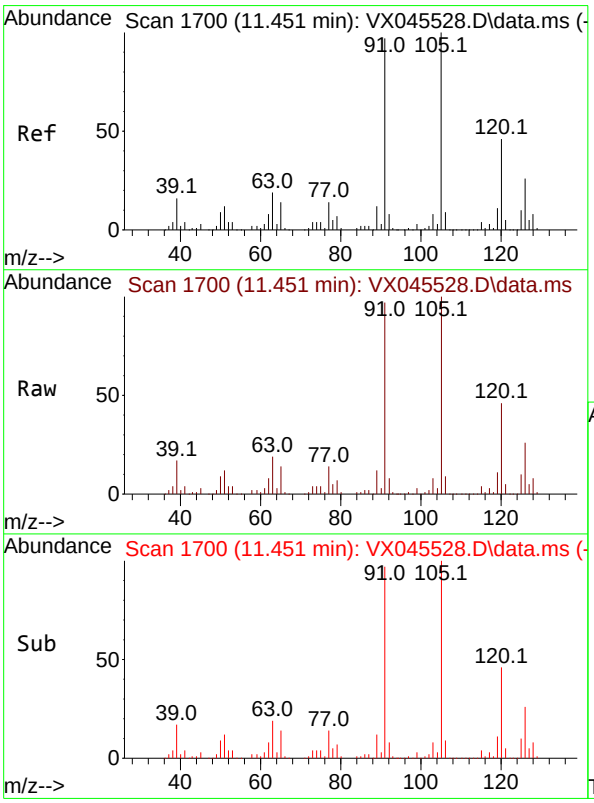
Ion	Ratio	Lower	Upper
75	100		
53	127.2	101.8	152.6
89	46.5	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

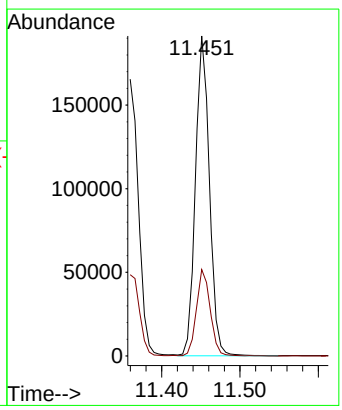
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

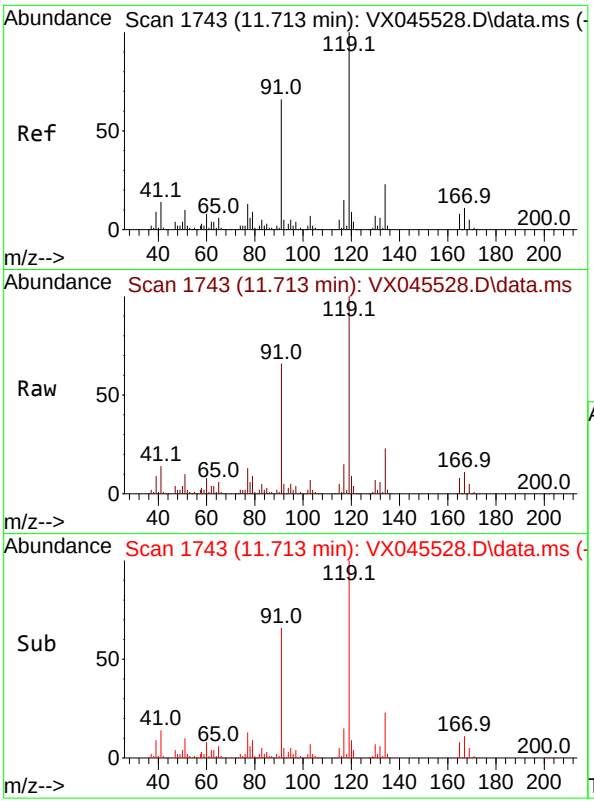


#82
4-Chlorotoluene
Concen: 52.439 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 91 Resp: 237213

Ion	Ratio	Lower	Upper
91	100		
126	26.6	13.3	39.9

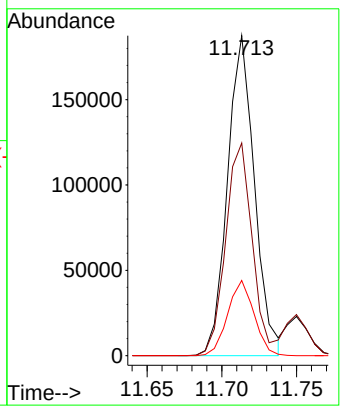




#83
tert-Butylbenzene
Concen: 52.256 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:119 Resp: 23571

Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.4	97.2
134	23.0	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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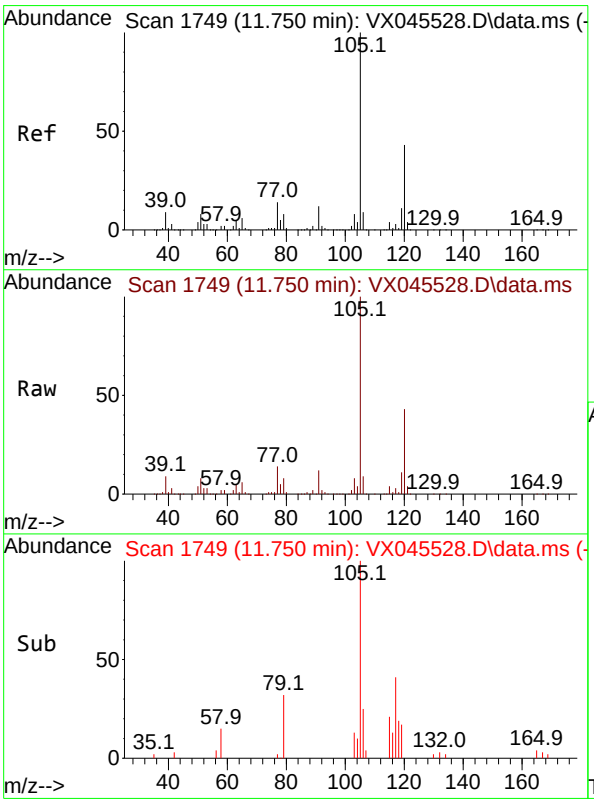
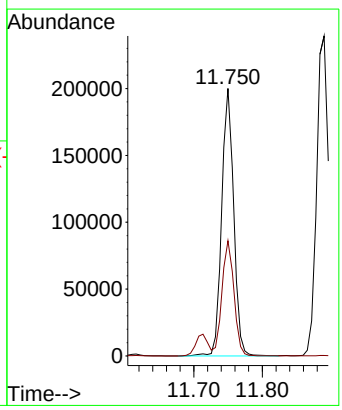
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

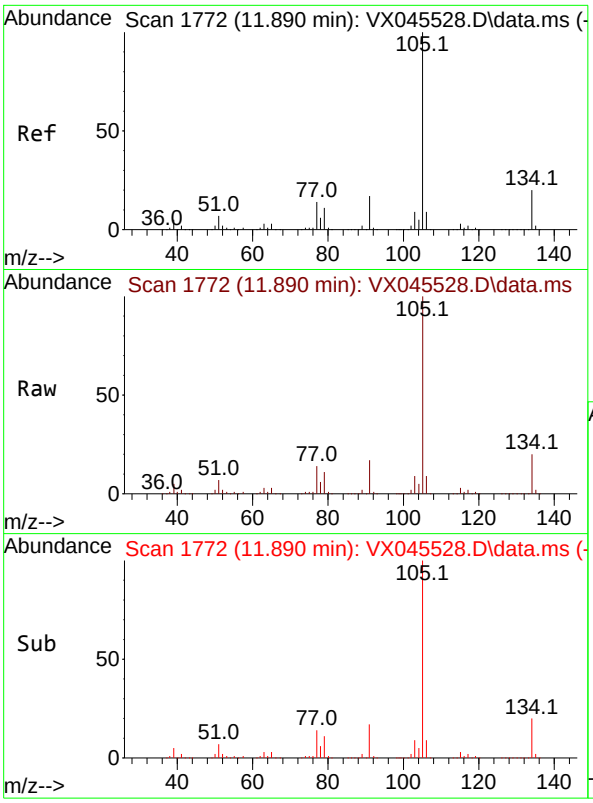


#84
1,2,4-Trimethylbenzene
Concen: 52.986 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:105 Resp: 242301

Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.4	64.3

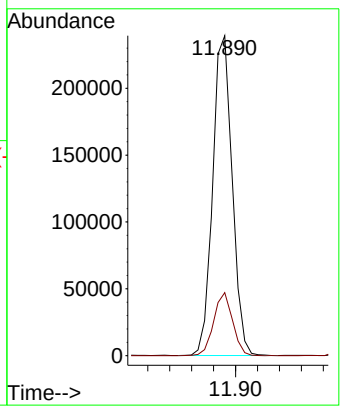




#85
sec-Butylbenzene
Concen: 53.391 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:105 Resp: 29579

Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.6	28.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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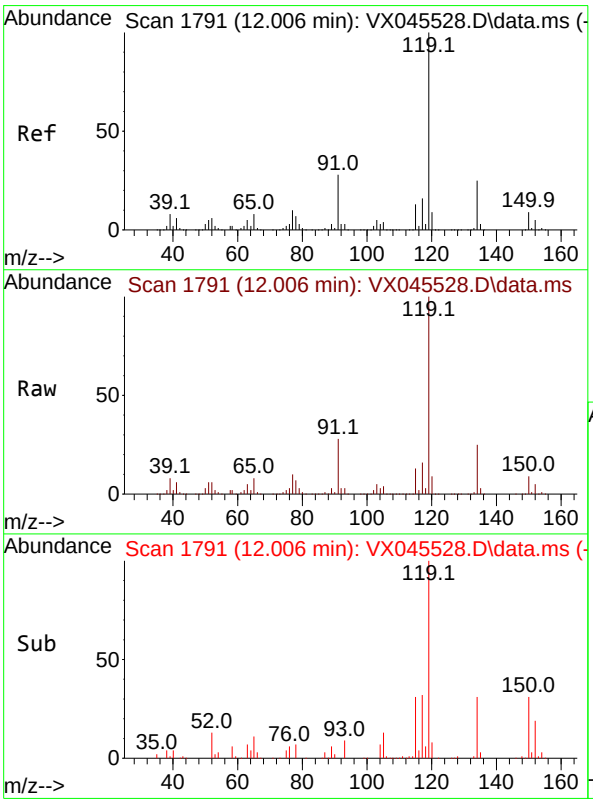
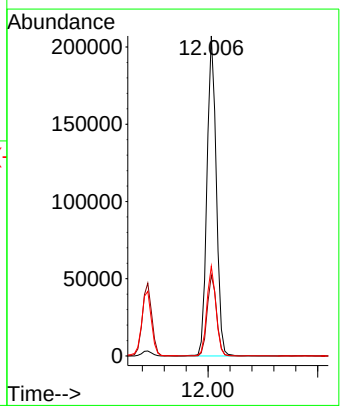
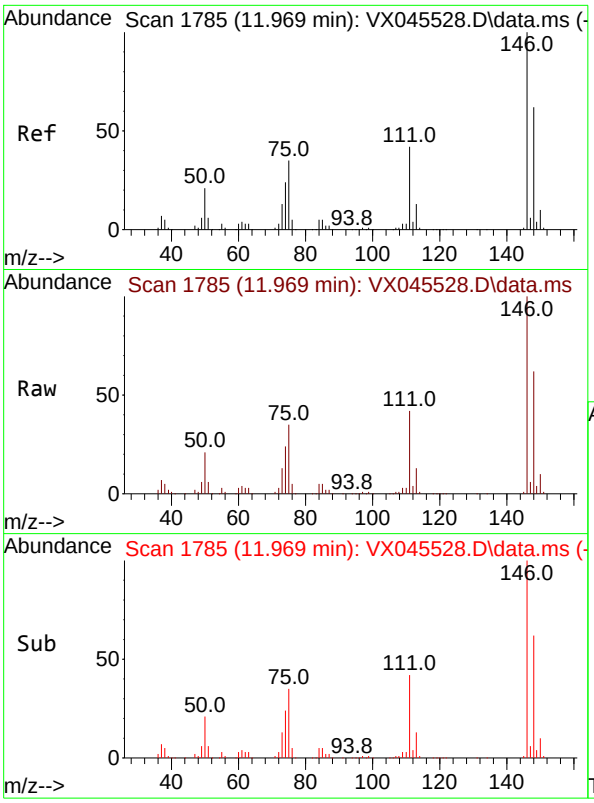


#86
p-Isopropyltoluene
Concen: 53.073 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:119 Resp: 242416

Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.8
91	27.4	13.7	41.1

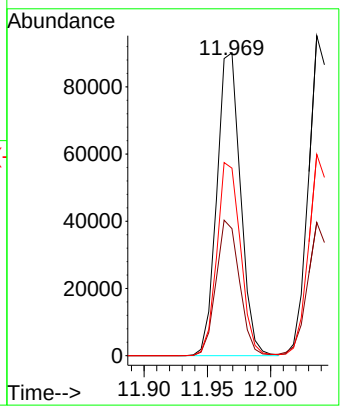




#87
1,3-Dichlorobenzene
Concen: 50.441 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:146 Resp: 11689

Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.2	66.6
148	63.8	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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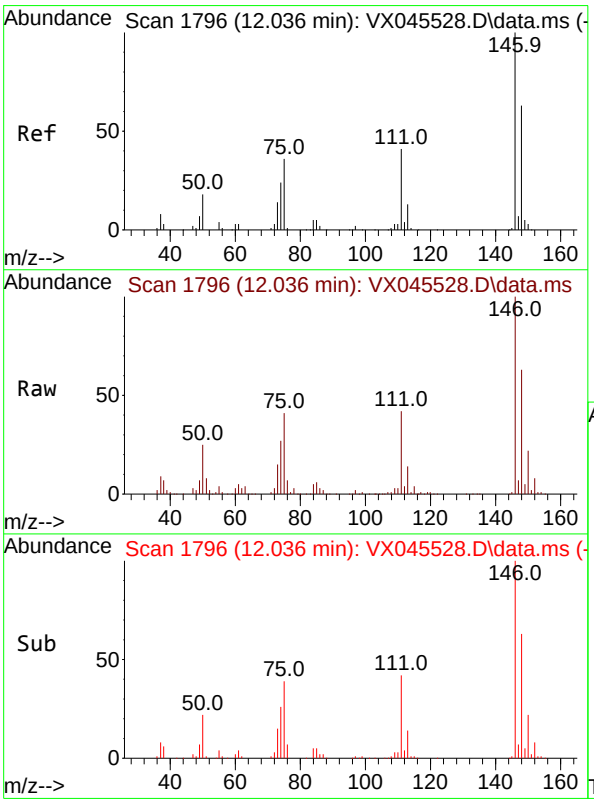
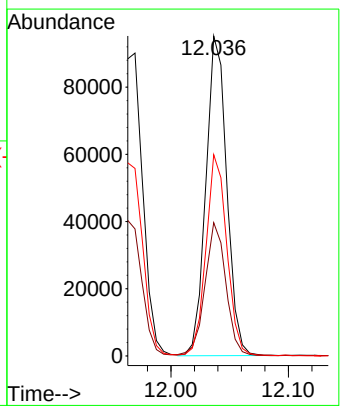
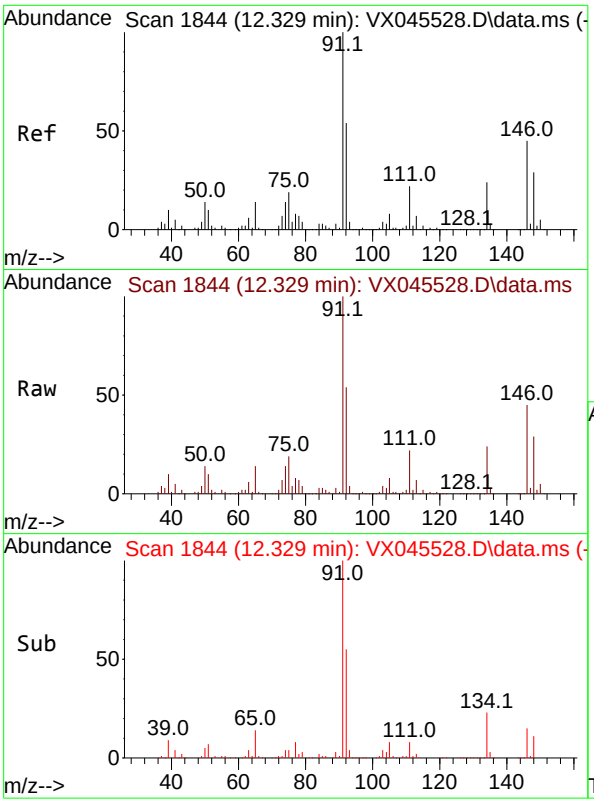


#88
1,4-Dichlorobenzene
Concen: 49.871 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:146 Resp: 117164

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.8
148	63.0	31.5	94.5

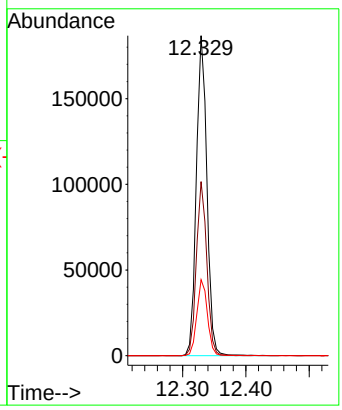




#89
n-Butylbenzene
Concen: 54.874 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 91 Resp: 21734

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.6
134	23.8	11.9	35.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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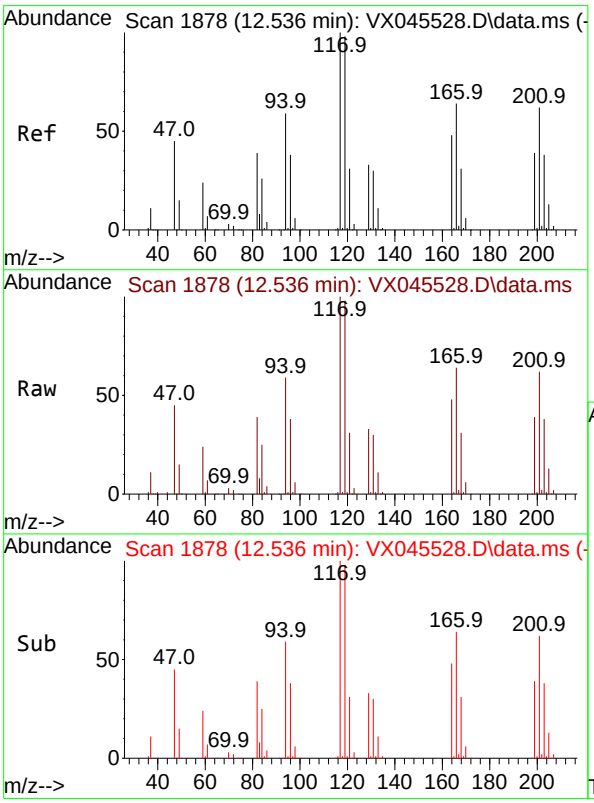
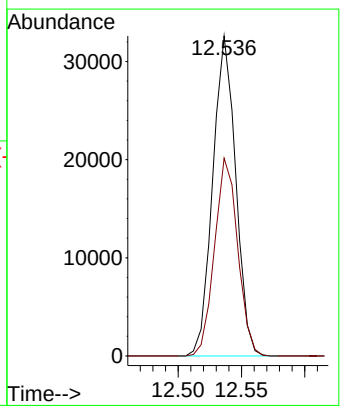
Supervised By :Mahesh Dadoda 04/02/2025

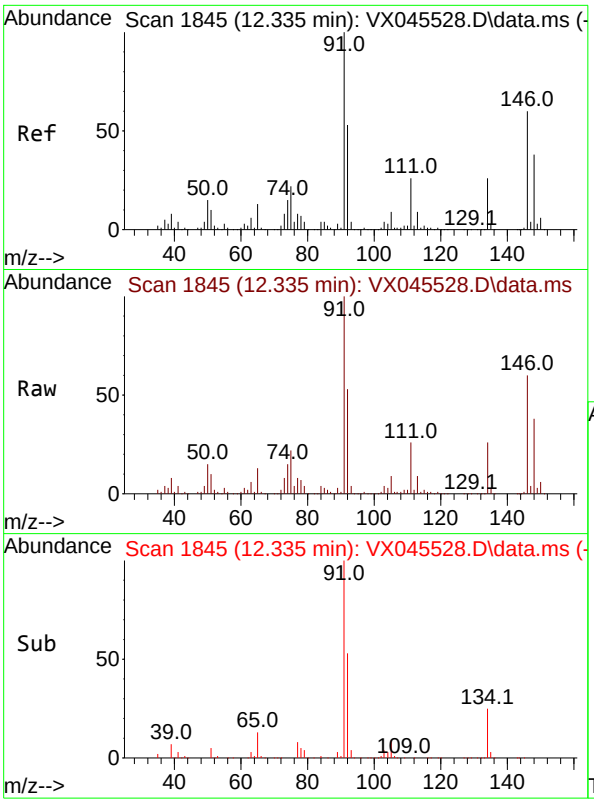


#90
Hexachloroethane
Concen: 52.352 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:117 Resp: 41095

Ion	Ratio	Lower	Upper
117	100		
201	62.4	31.2	93.6

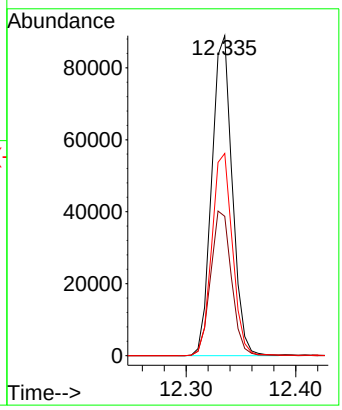




#91
1,2-Dichlorobenzene
Concen: 50.099 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:146 Resp: 11542

Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.9	68.8
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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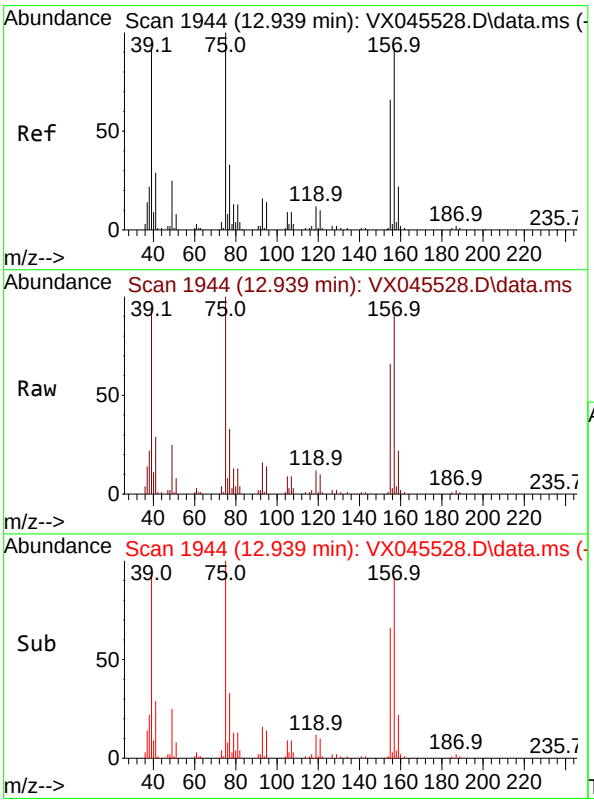
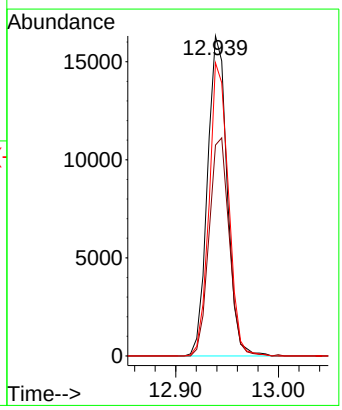
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

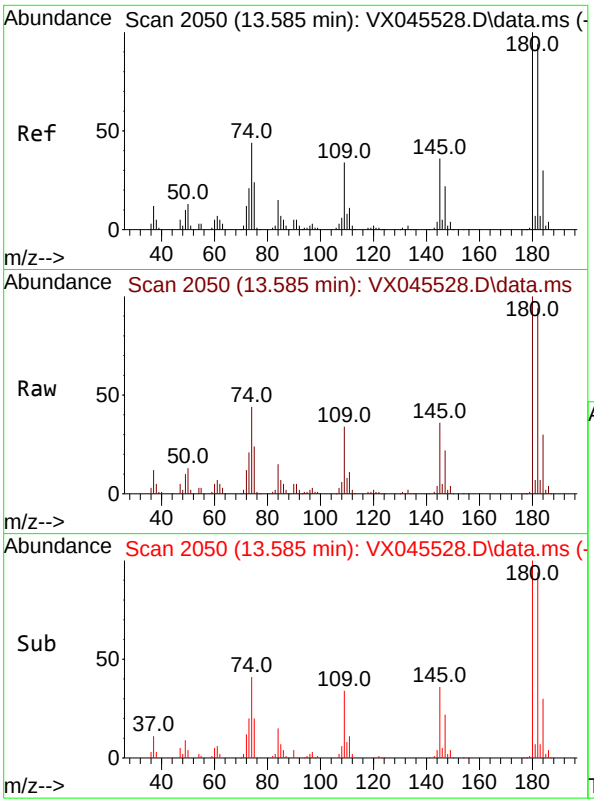


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.638 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion: 75 Resp: 21712

Ion	Ratio	Lower	Upper
75	100		
155	69.8	34.9	104.7
157	89.8	44.9	134.7

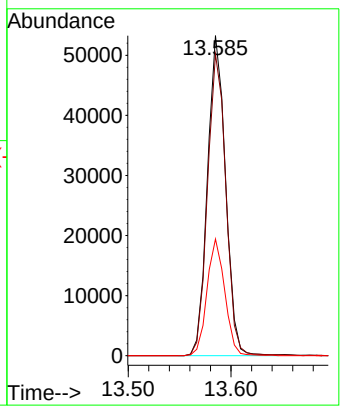




#93
1,2,4-Trichlorobenzene
Concen: 50.797 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:180 Resp: 6514

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	35.9	17.9	53.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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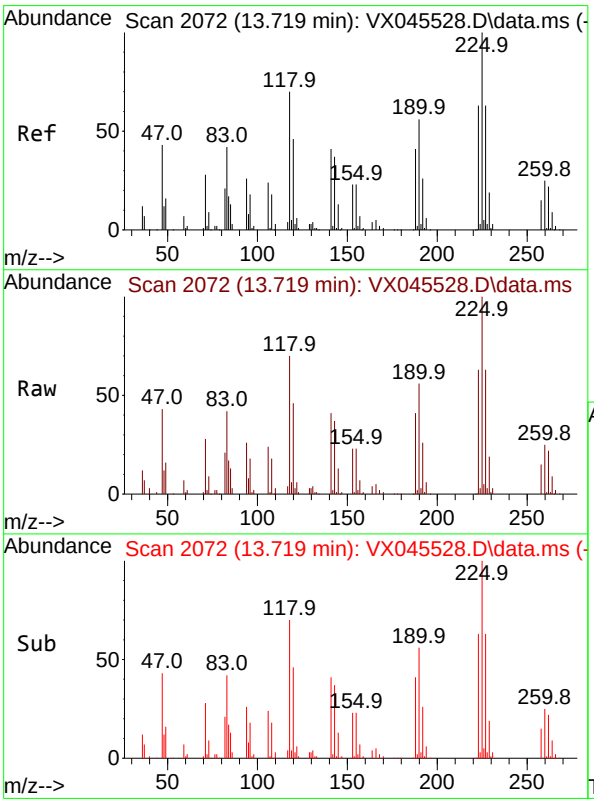
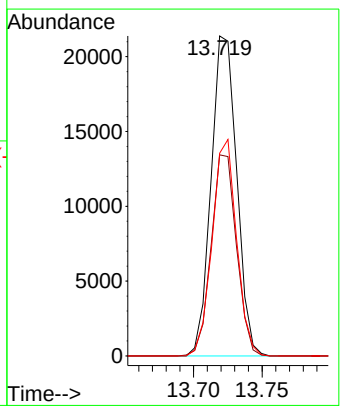
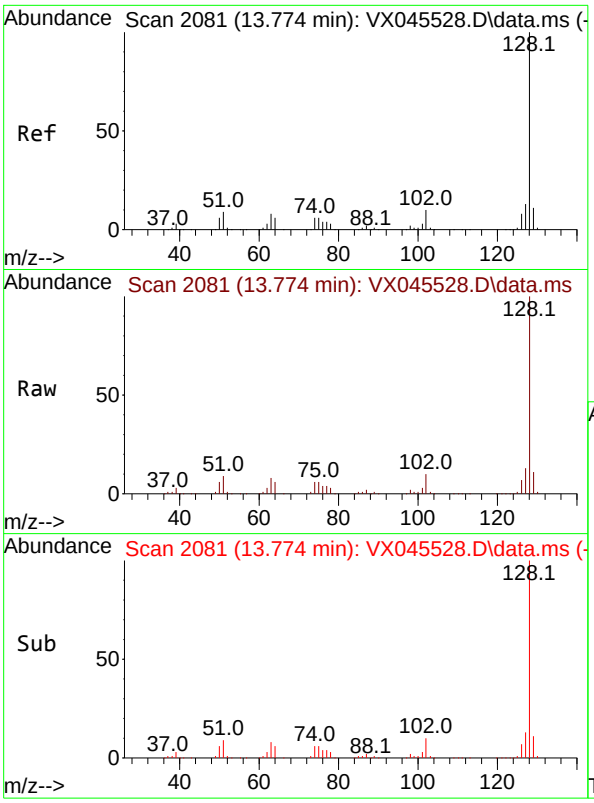


#94
Hexachlorobutadiene
Concen: 50.296 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:225 Resp: 27795

Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.3
227	64.4	32.2	96.6

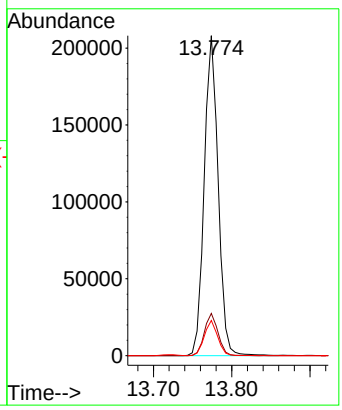




#95
Naphthalene
Concen: 53.643 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:128 Resp: 25600

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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Reviewed By :Amit Patel 04/02/2025
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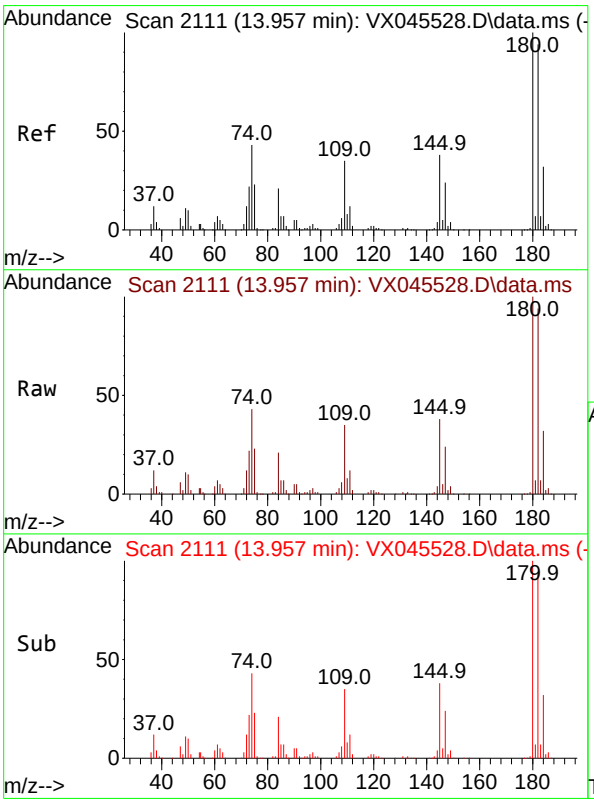
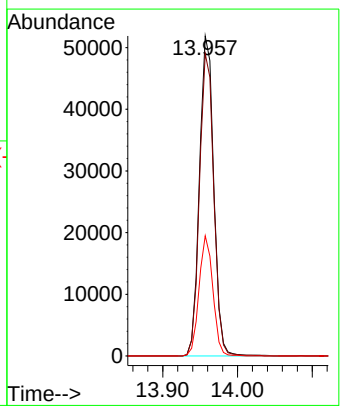


#96
1,2,3-Trichlorobenzene
Concen: 51.219 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045528.D
Acq: 01 Apr 2025 18:15

Tgt Ion:180 Resp: 68781

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	36.4	18.2	54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	86107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	152724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	155757	98.914	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 197.820%#			
35) Dibromofluoromethane	5.379	113	107908	99.585	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 199.160%#			
50) Toluene-d8	8.647	98	375599	99.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 198.620%#			
62) 4-Bromofluorobenzene	11.079	95	146944	106.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 213.320%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	144108	111.909	ug/l	99
3) Chloromethane	1.307	50	140360	106.098	ug/l	100
4) Vinyl Chloride	1.374	62	127174	105.042	ug/l	99
5) Bromomethane	1.593	94	58706	102.266	ug/l	98
6) Chloroethane	1.660	64	61099	95.120	ug/l	98
7) Trichlorofluoromethane	1.867	101	187555	103.887	ug/l	98
8) Diethyl Ether	2.136	74	61683	101.767	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	106989	101.133	ug/l	97
10) Methyl Iodide	2.441	142	135732	102.863	ug/l	100
11) Tert butyl alcohol	2.989	59	110044	519.999	ug/l	99
12) 1,1-Dichloroethene	2.306	96	106404	102.934	ug/l	99
13) Acrolein	2.233	56	146268	501.914	ug/l	99
14) Allyl chloride	2.654	41	206484	105.276	ug/l	99
15) Acrylonitrile	3.062	53	338970	507.426	ug/l	99
16) Acetone	2.386	43	314285	486.054	ug/l	100
17) Carbon Disulfide	2.502	76	276285	108.215	ug/l	100
18) Methyl Acetate	2.703	43	147272	98.925	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381719	105.561	ug/l	99
20) Methylene Chloride	2.782	84	121435	100.316	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	106896	101.220	ug/l	98
22) Diisopropyl ether	3.757	45	406185	105.132	ug/l	95
23) Vinyl Acetate	3.721	43	1848817	553.853	ug/l	99
24) 1,1-Dichloroethane	3.605	63	220934	101.114	ug/l	100
25) 2-Butanone	4.556	43	491249	519.018	ug/l	100
26) 2,2-Dichloropropane	4.465	77	155592	110.215	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	129785	100.871	ug/l	98
28) Bromochloromethane	4.891	49	105093	99.530	ug/l	100
29) Tetrahydrofuran	5.001	42	313121	510.264	ug/l	99
30) Chloroform	5.086	83	225402	100.255	ug/l	99
31) Cyclohexane	5.458	56	197136	102.056	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	198511	104.346	ug/l	99
36) 1,1-Dichloropropene	5.684	75	151448	103.515	ug/l	99
37) Ethyl Acetate	4.715	43	192130	104.207	ug/l	99
38) Carbon Tetrachloride	5.672	117	166465	105.278	ug/l	99
39) Methylcyclohexane	7.373	83	191752	106.921	ug/l	99
40) Benzene	6.031	78	452946	101.369	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	107037	109.068	ug/l		99
42) 1,2-Dichloroethane	6.080	62	189528	102.696	ug/l		100
43) Isopropyl Acetate	6.336	43	305974	109.494	ug/l		100
44) Trichloroethene	7.123	130	107332	101.062	ug/l		97
45) 1,2-Dichloropropane	7.421	63	115731	103.806	ug/l		98
46) Dibromomethane	7.574	93	87381	102.101	ug/l		97
47) Bromodichloromethane	7.818	83	179265	104.886	ug/l		98
48) Methyl methacrylate	7.690	41	158241	109.675	ug/l		99
49) 1,4-Dioxane	7.665	88	52624	2015.906	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	988881	533.814	ug/l		99
52) Toluene	8.714	92	276323	102.199	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	169413	100.645	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	182328	113.521	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	109208	101.361	ug/l		98
56) Ethyl methacrylate	9.116	69	192034	115.168	ug/l		99
57) 1,3-Dichloropropane	9.305	76	192473	102.588	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	460297	545.696	ug/l		100
59) 2-Hexanone	9.427	43	738772	538.538	ug/l		99
60) Dibromochloromethane	9.519	129	128700	109.570	ug/l		98
61) 1,2-Dibromoethane	9.604	107	115919	106.282	ug/l		99
64) Tetrachloroethene	9.269	164	90817	94.325	ug/l		99
65) Chlorobenzene	10.073	112	296300	101.682	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	103437	102.243	ug/l		99
67) Ethyl Benzene	10.189	91	543568	104.152	ug/l		99
68) m/p-Xylenes	10.299	106	394241	207.694	ug/l		100
69) o-Xylene	10.640	106	195381	104.487	ug/l		99
70) Styrene	10.653	104	335333	108.654	ug/l		100
71) Bromoform	10.799	173	83632	110.714	ug/l	#	97
73) Isopropylbenzene	10.957	105	522436	100.944	ug/l		100
74) N-amyl acetate	10.842	43	275462	111.267	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	174977	96.243	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	154048m	97.744	ug/l		
77) Bromobenzene	11.195	156	119561	99.983	ug/l		99
78) n-propylbenzene	11.299	91	622679	104.454	ug/l		100
79) 2-Chlorotoluene	11.360	91	376682	98.840	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	435137	101.675	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	51873	111.704	ug/l		95
82) 4-Chlorotoluene	11.451	91	432884	101.877	ug/l		99
83) tert-Butylbenzene	11.713	119	437649	103.292	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	444211	103.414	ug/l		99
85) sec-Butylbenzene	11.890	105	546857	105.082	ug/l		100
86) p-Isopropyltoluene	12.006	119	453109	105.609	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	221481	101.749	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	216367	98.047	ug/l		98
89) n-Butylbenzene	12.329	91	420694	113.075	ug/l		99
90) Hexachloroethane	12.536	117	80489	109.160	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	215157	99.419	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	43047	113.214	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	135046	112.106	ug/l		99
94) Hexachlorobutadiene	13.725	225	53636	103.326	ug/l		98
95) Naphthalene	13.774	128	499719	111.473	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	137328	108.869	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

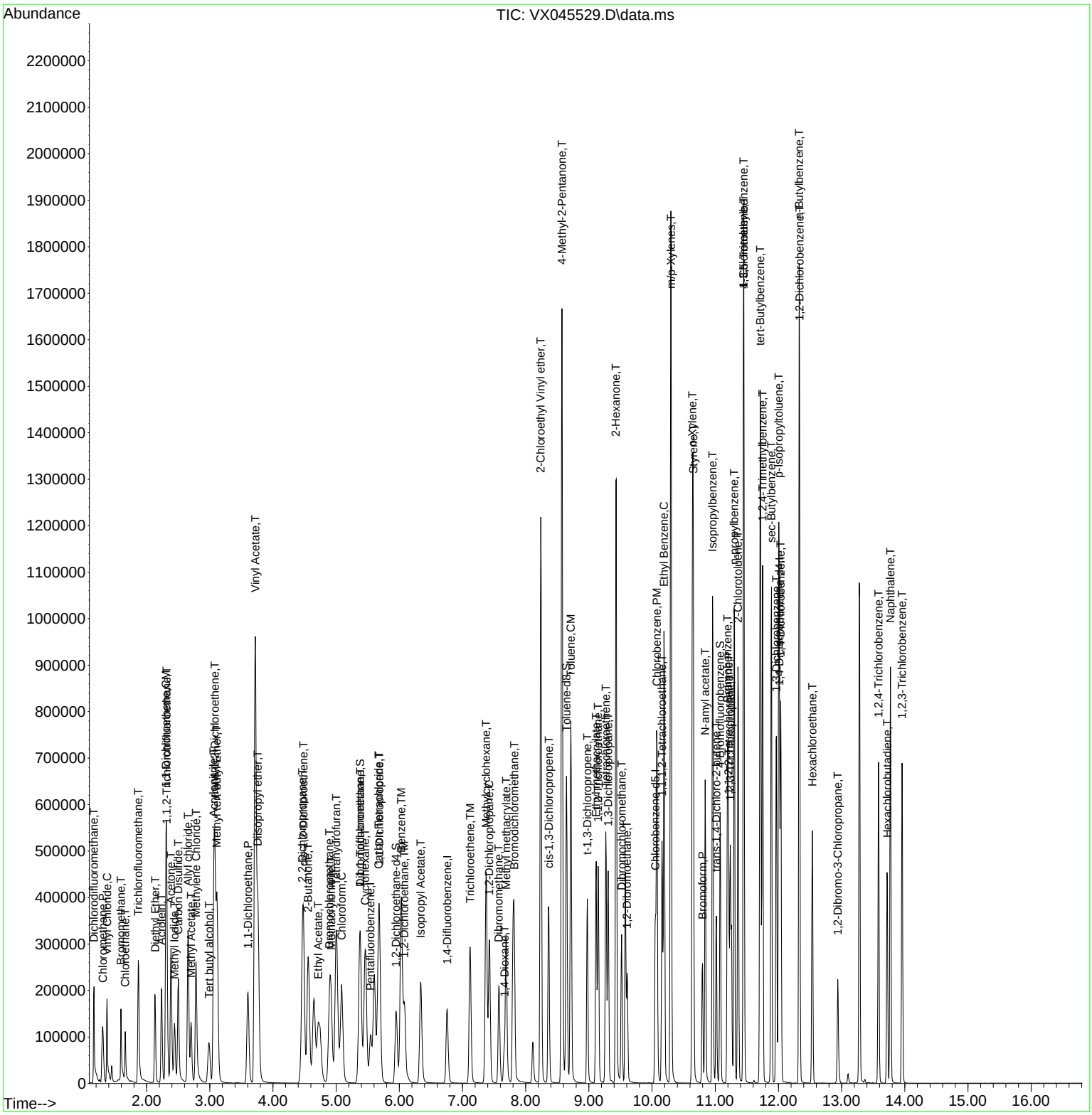
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045529.D
Acq On : 01 Apr 2025 18:38
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

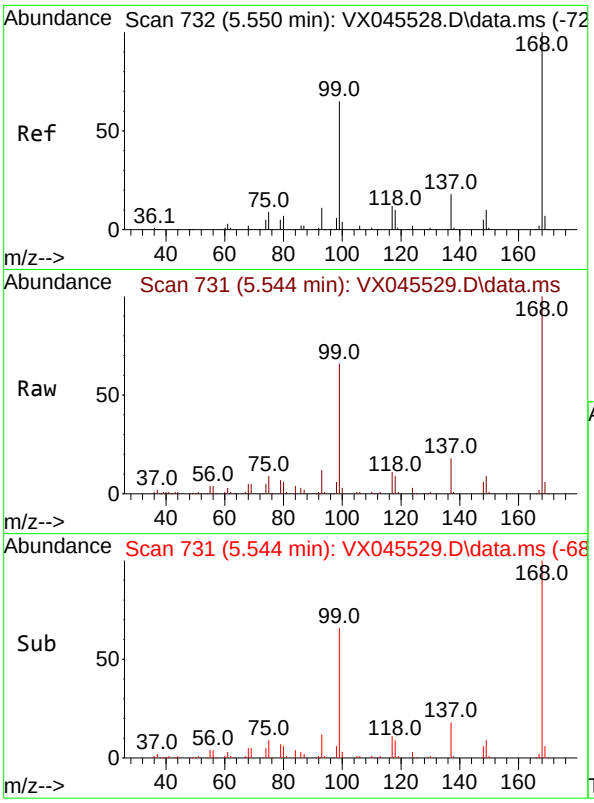
Quant Time: Apr 02 02:54:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

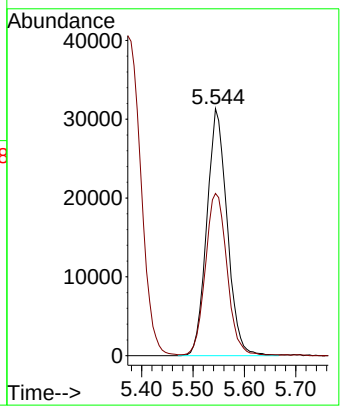




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:168 Resp: 8610

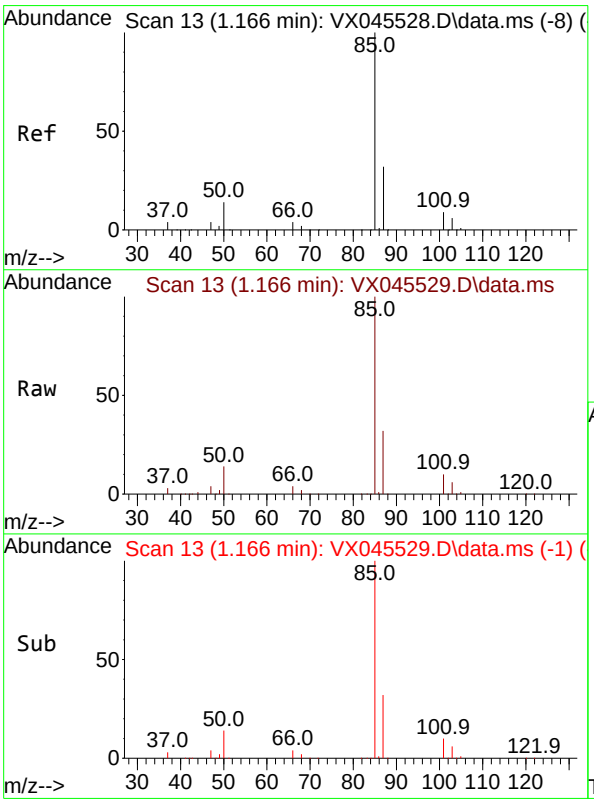
Ion	Ratio	Lower	Upper
168	100		
99	65.3	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

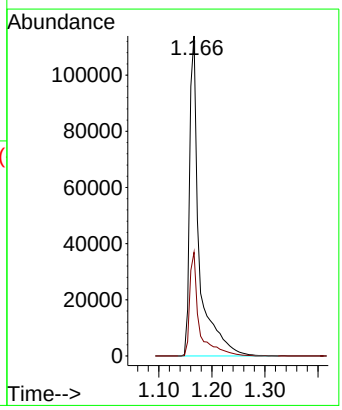
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

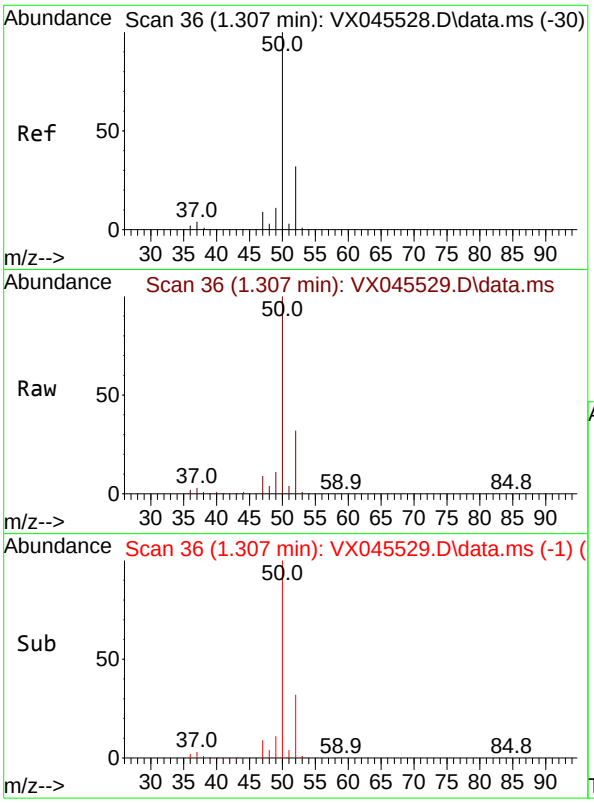


#2
Dichlorodifluoromethane
Concen: 111.909 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 85 Resp: 144108

Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.1	48.2

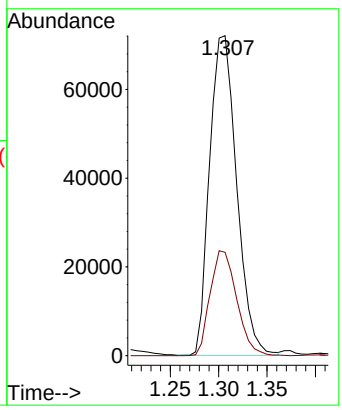




#3
Chloromethane
Concen: 106.098 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 50 Resp: 14036

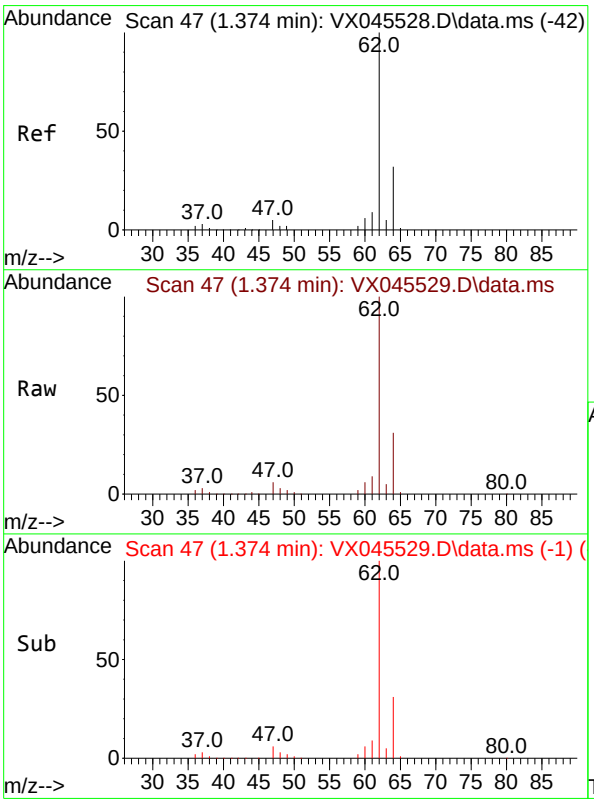
Ion	Ratio	Lower	Upper
50	100		
52	32.4	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

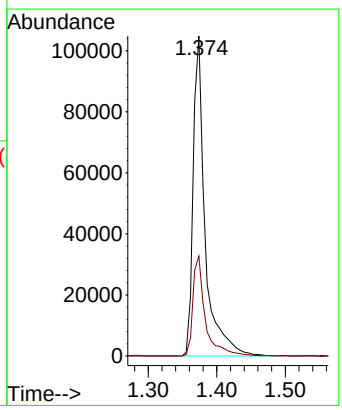
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

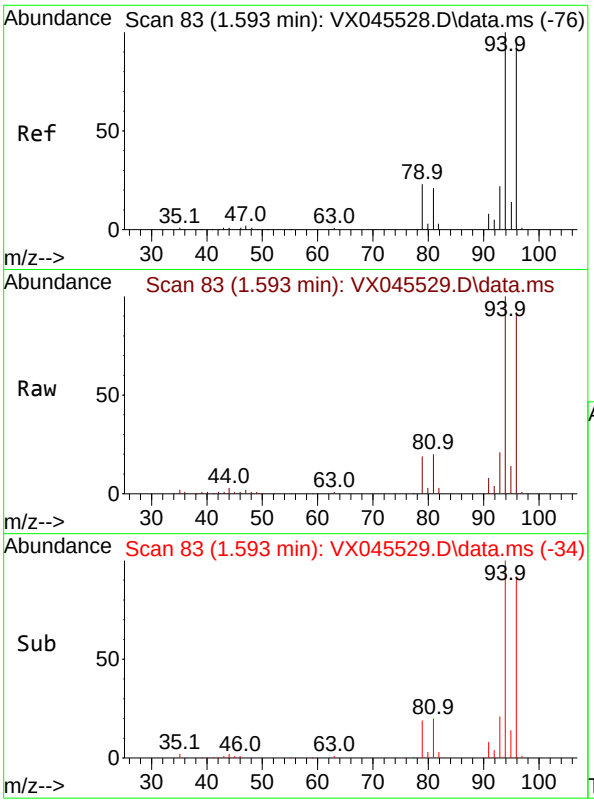


#4
Vinyl Chloride
Concen: 105.042 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 62 Resp: 127174

Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.5	38.3

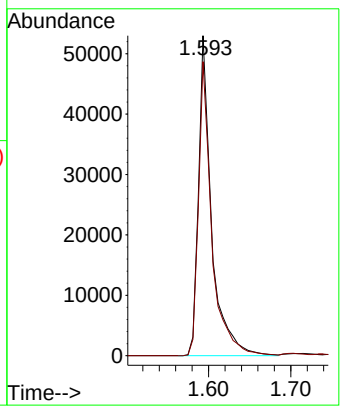




#5
Bromomethane
Concen: 102.266 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 94 Resp: 5870

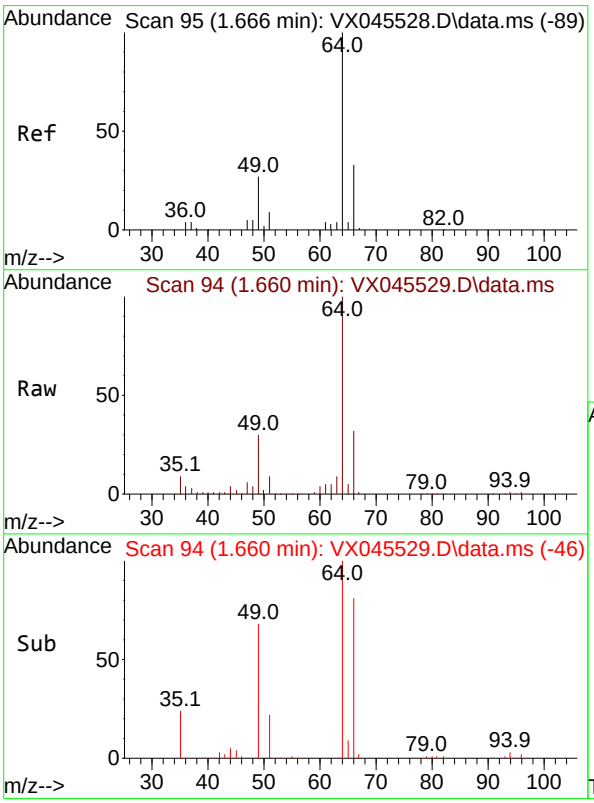
Ion	Ratio	Lower	Upper
94	100		
96	91.9	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

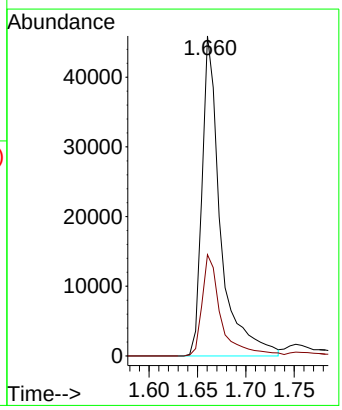
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

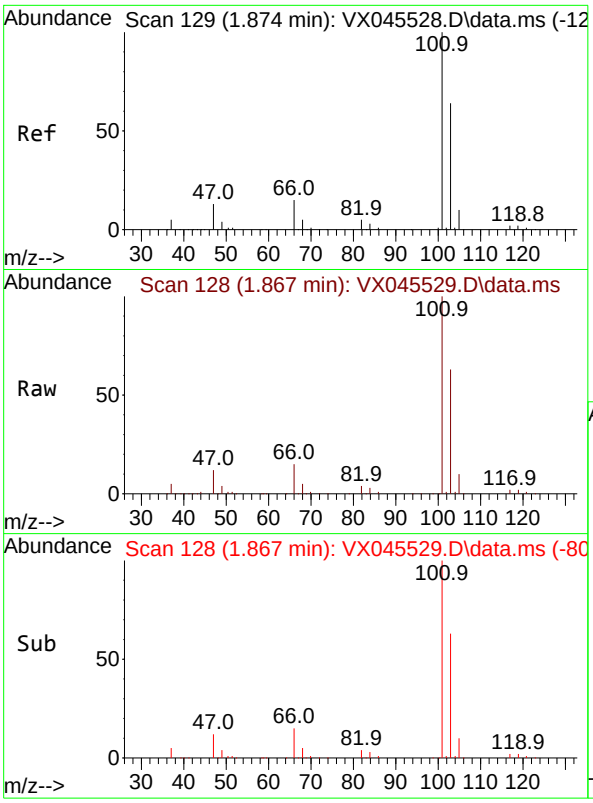


#6
Chloroethane
Concen: 95.120 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 64 Resp: 61099

Ion	Ratio	Lower	Upper
64	100		
66	31.7	26.3	39.5

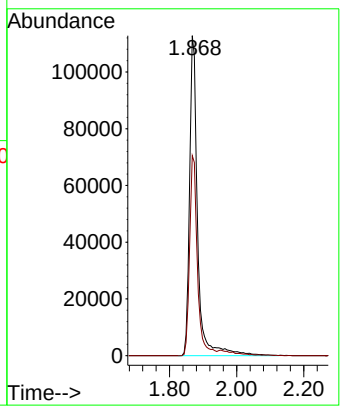




#7
Trichlorofluoromethane
Concen: 103.887 ug/l
RT: 1.867 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:101 Resp: 18755

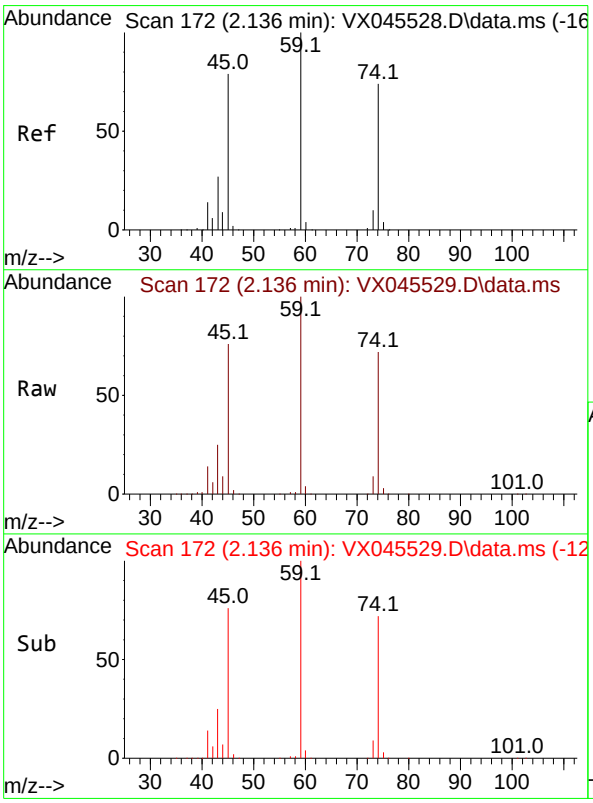
Ion	Ratio	Lower	Upper
101	100		
103	62.5	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

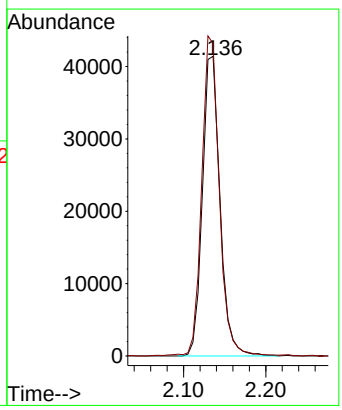
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

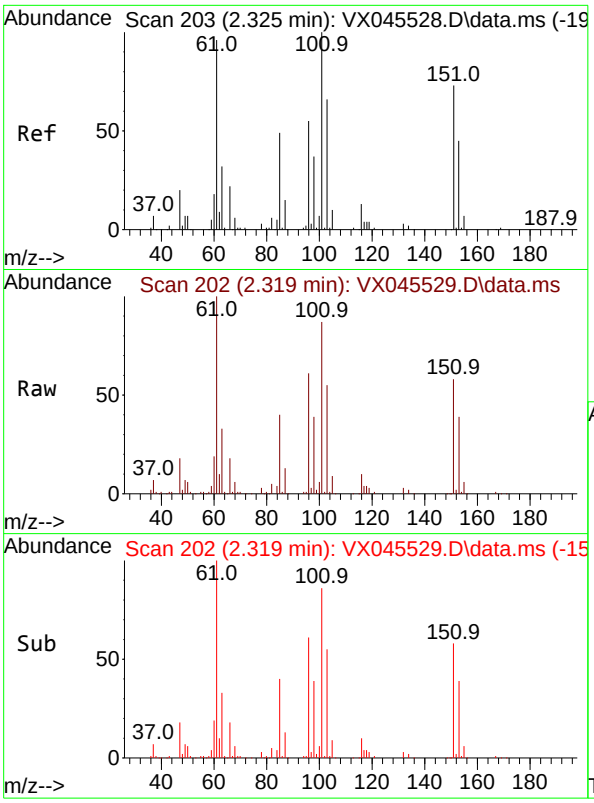


#8
Diethyl Ether
Concen: 101.767 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 74 Resp: 61683

Ion	Ratio	Lower	Upper
74	100		
45	106.7	53.0	159.1

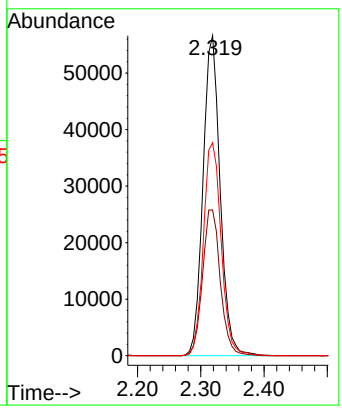




#9
1,1,2-Trichlorotrifluoroethane
Concen: 101.133 ug/l
RT: 2.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:101 Resp: 10698

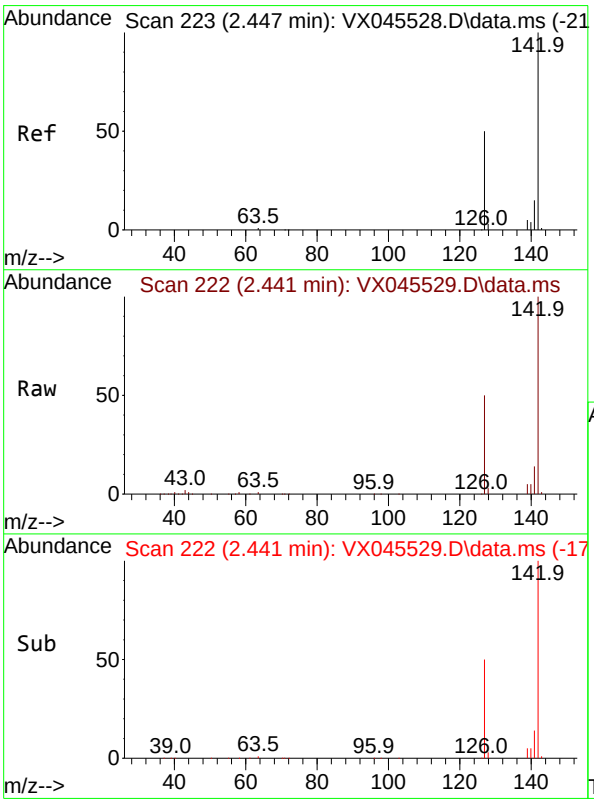
Ion	Ratio	Lower	Upper
101	100		
85	47.3	38.9	58.3
151	69.0	57.5	86.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

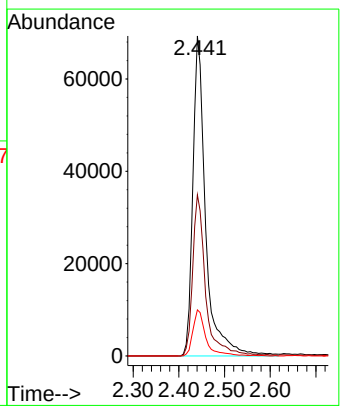
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

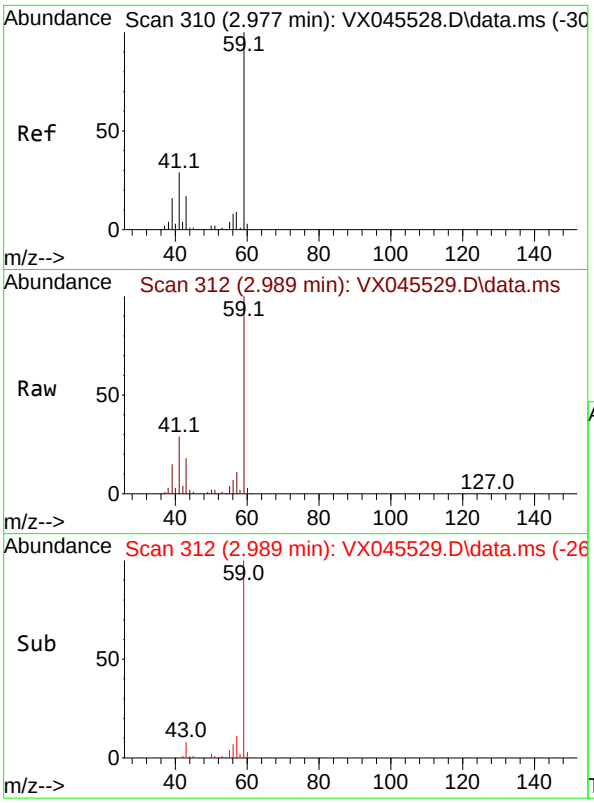


#10
Methyl Iodide
Concen: 102.863 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:142 Resp: 135732

Ion	Ratio	Lower	Upper
142	100		
127	50.6	40.2	60.4
141	14.5	11.7	17.5

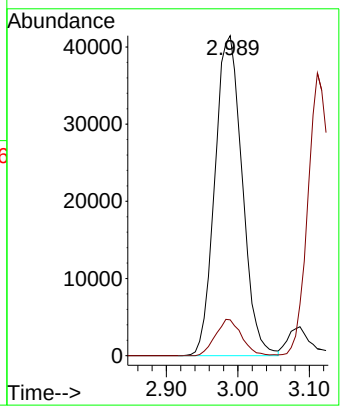




#11
Tert butyl alcohol
Concen: 519.999 ug/l
RT: 2.989 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 59 Resp: 11004

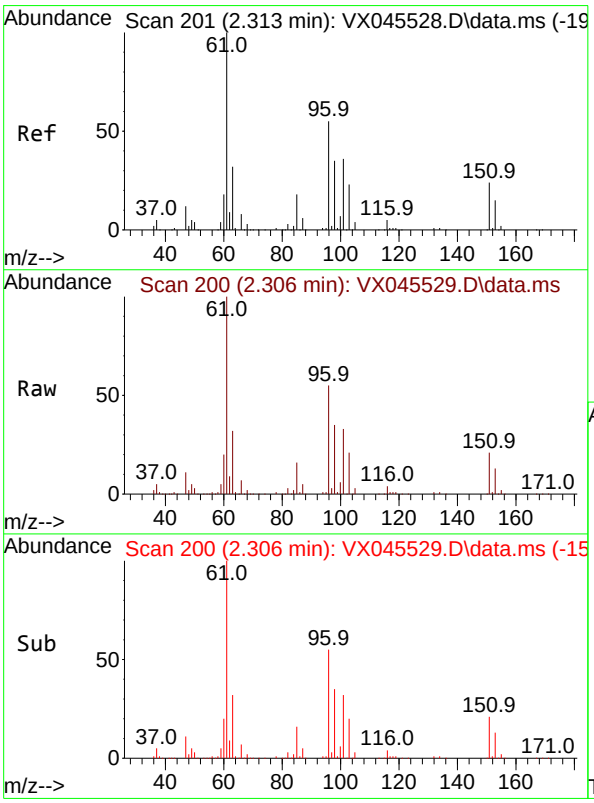
Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

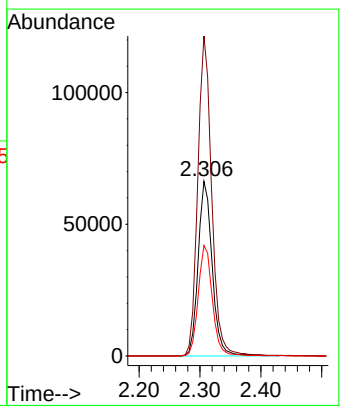
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

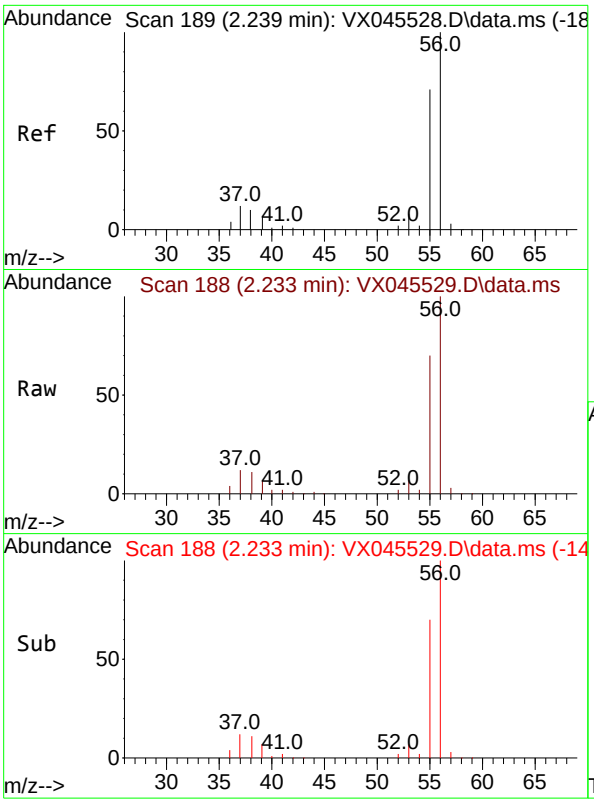


#12
1,1-Dichloroethene
Concen: 102.934 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 96 Resp: 106404

Ion	Ratio	Lower	Upper
96	100		
61	183.3	145.7	218.5
98	63.3	51.6	77.4

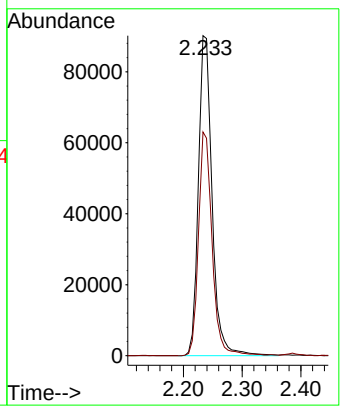




#13
Acrolein
Concen: 501.914 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 56 Resp: 14626

Ion	Ratio	Lower	Upper
56	100		
55	69.5	56.2	84.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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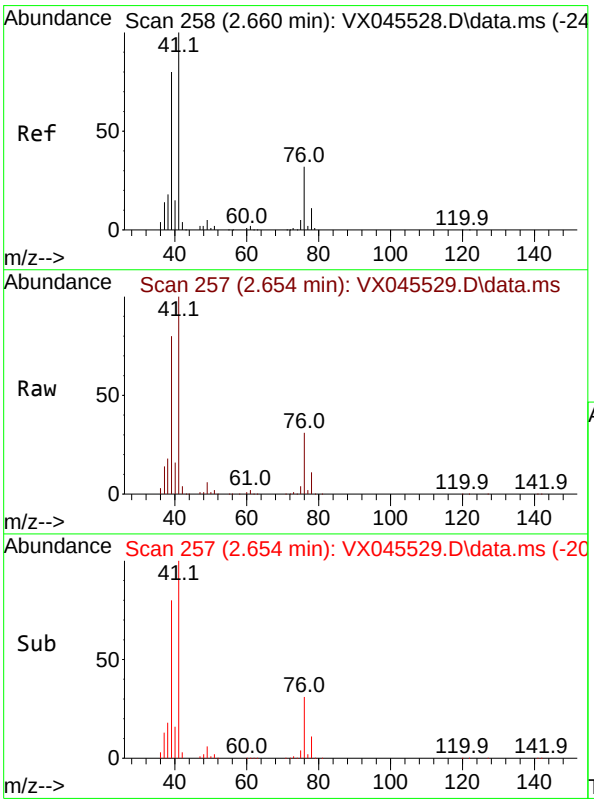
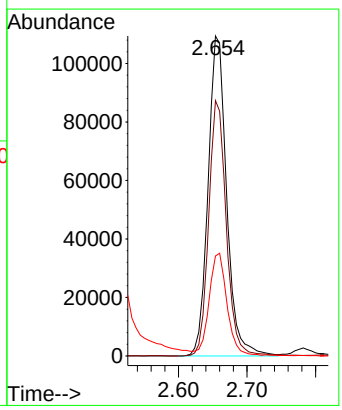
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

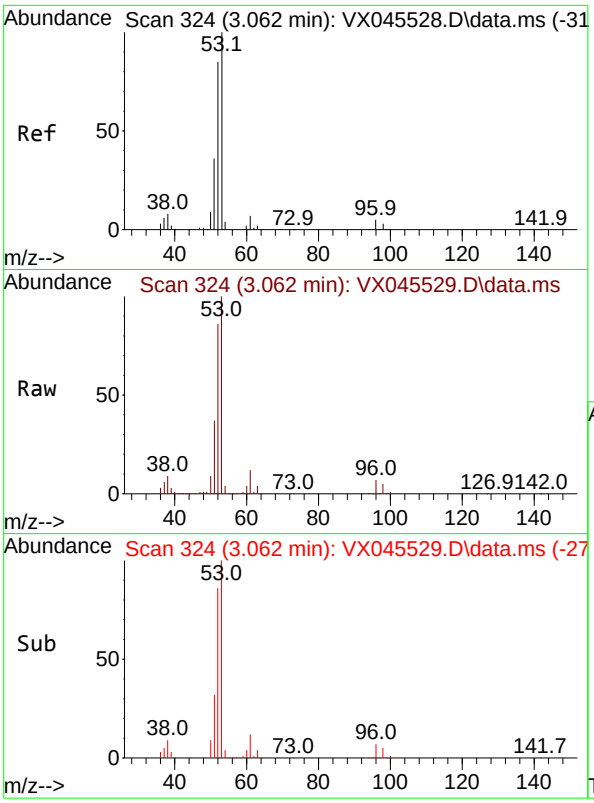


#14
Allyl chloride
Concen: 105.276 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 41 Resp: 206484

Ion	Ratio	Lower	Upper
41	100		
39	75.8	60.2	90.2
76	31.3	24.6	36.8

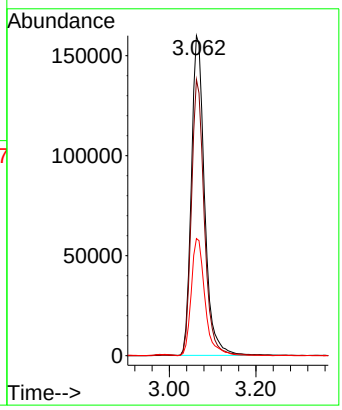




#15
Acrylonitrile
Concen: 507.426 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 53 Resp: 33897

Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.4	101.2
51	38.0	29.9	44.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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Reviewed By :Amit Patel 04/02/2025
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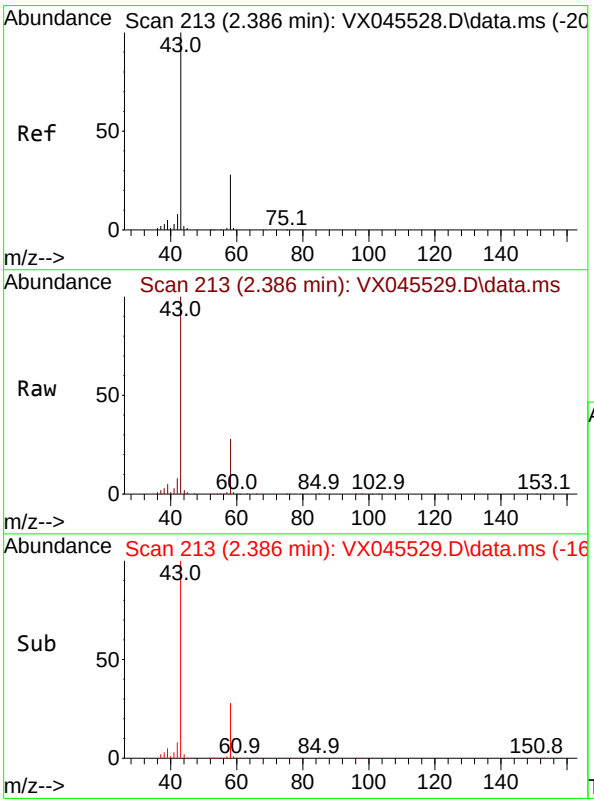
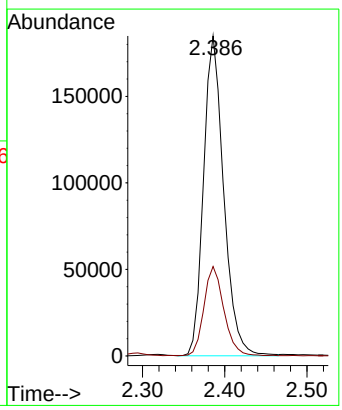
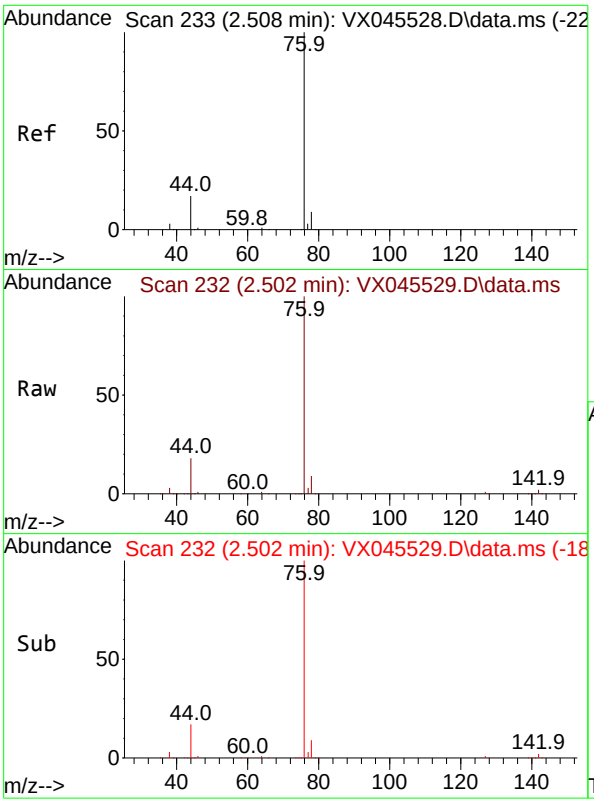


#16
Acetone
Concen: 486.054 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 314285

Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.3	33.5

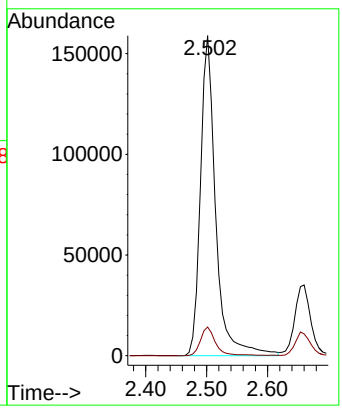




#17
Carbon Disulfide
Concen: 108.215 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 76 Resp: 27628

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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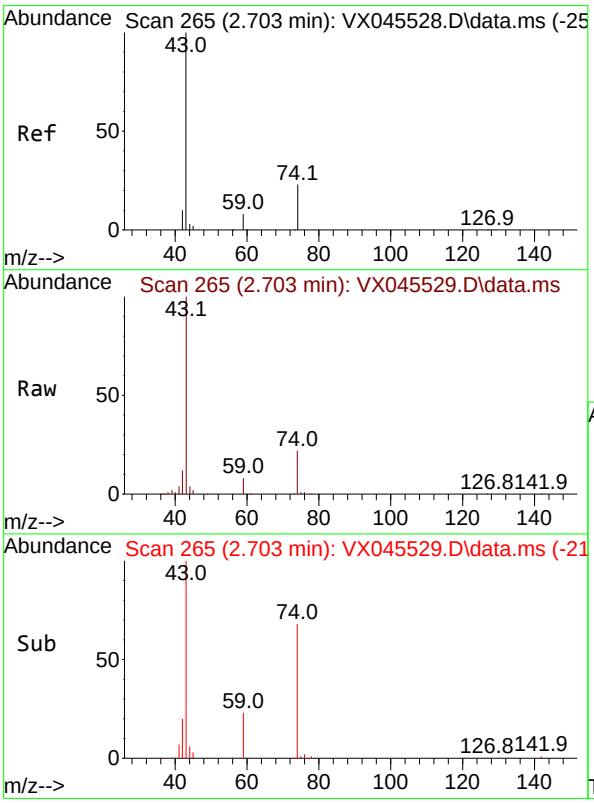
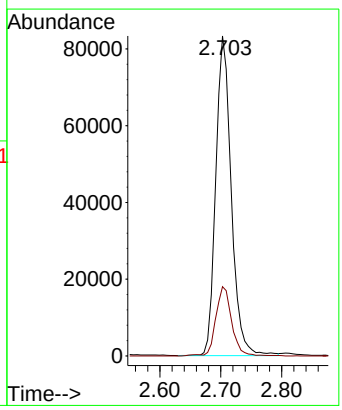
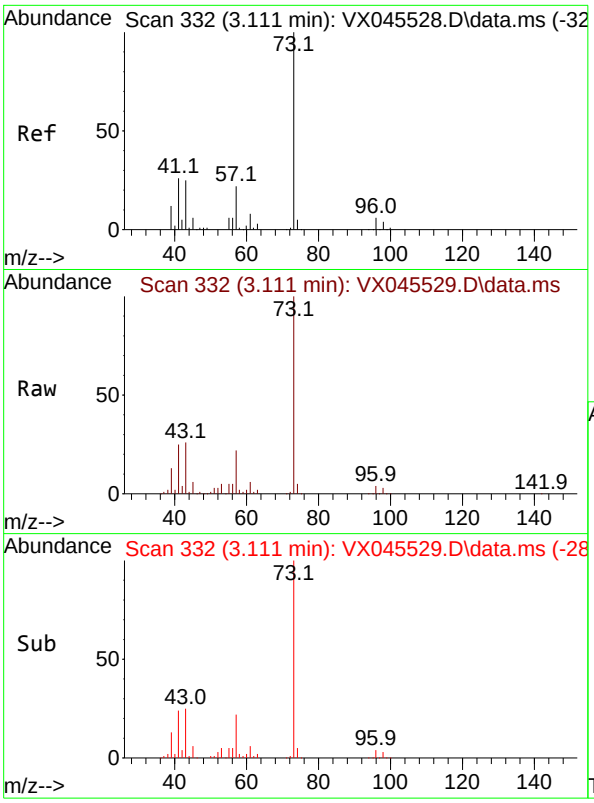


#18
Methyl Acetate
Concen: 98.925 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 147272

Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.5	26.3

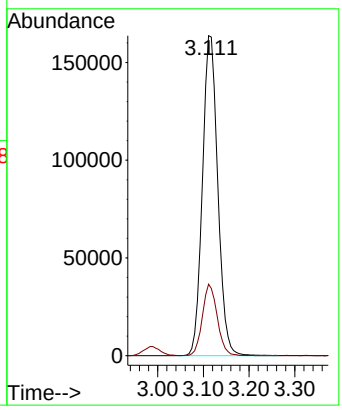




#19
Methyl tert-butyl Ether
Concen: 105.561 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 73 Resp: 38171

Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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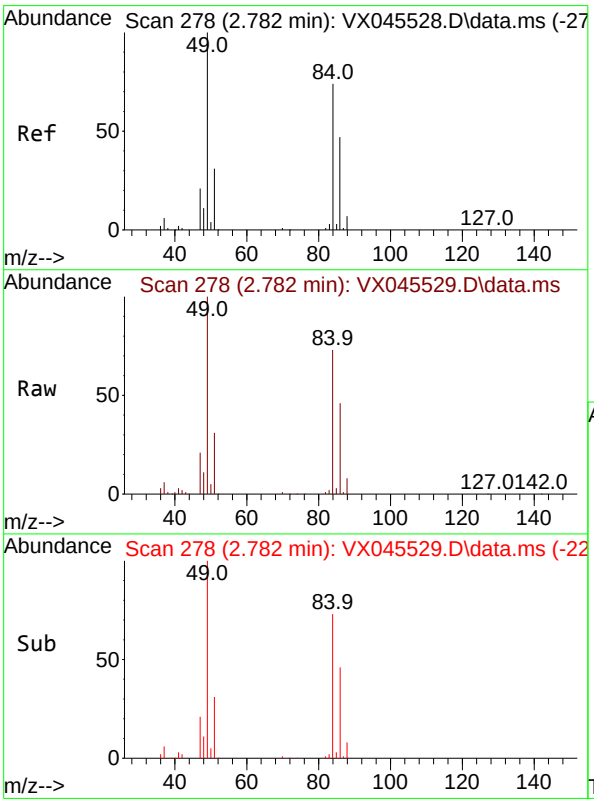
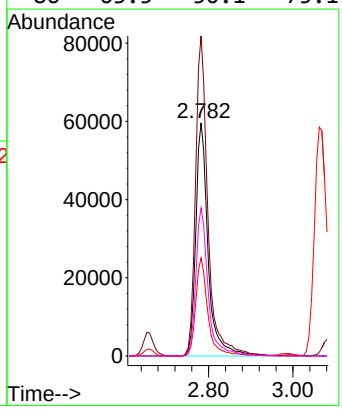
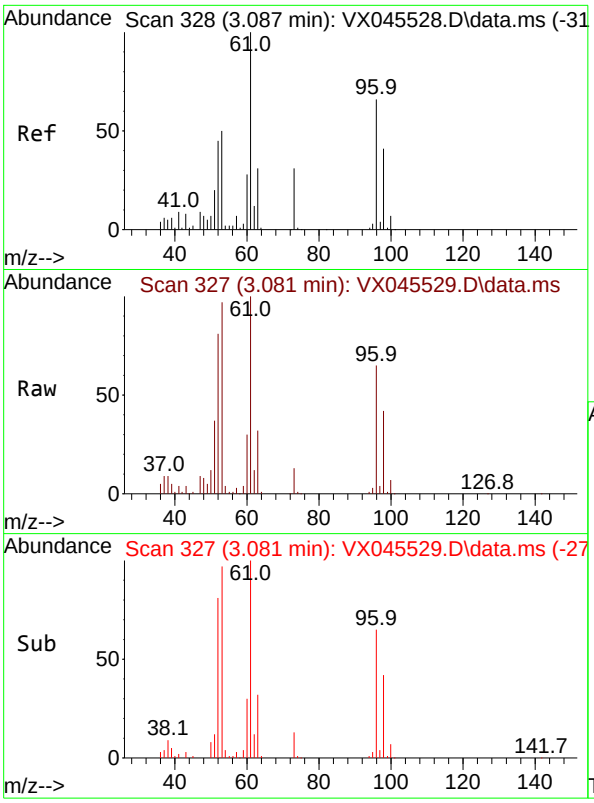


#20
Methylene Chloride
Concen: 100.316 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 84 Resp: 121435

Ion	Ratio	Lower	Upper
84	100		
49	137.2	107.5	161.3
51	42.1	33.0	49.6
86	63.5	50.1	75.1

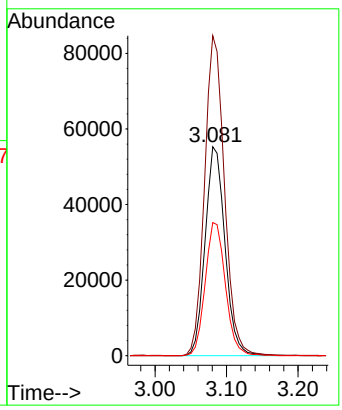




#21
trans-1,2-Dichloroethene
Concen: 101.220 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 96 Resp: 10689

Ion	Ratio	Lower	Upper
96	100		
61	153.1	121.0	181.6
98	63.7	49.7	74.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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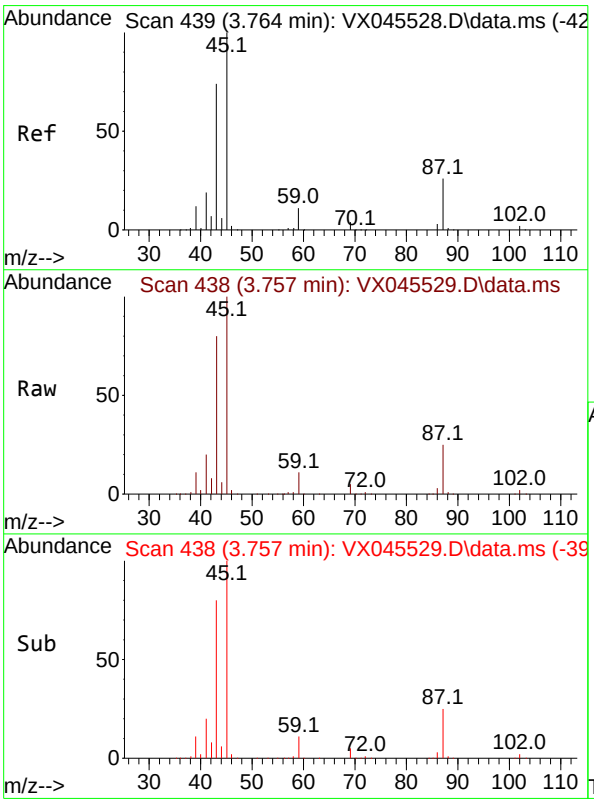
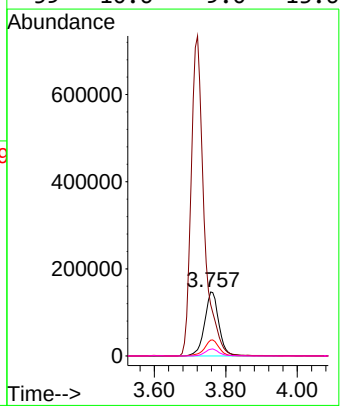
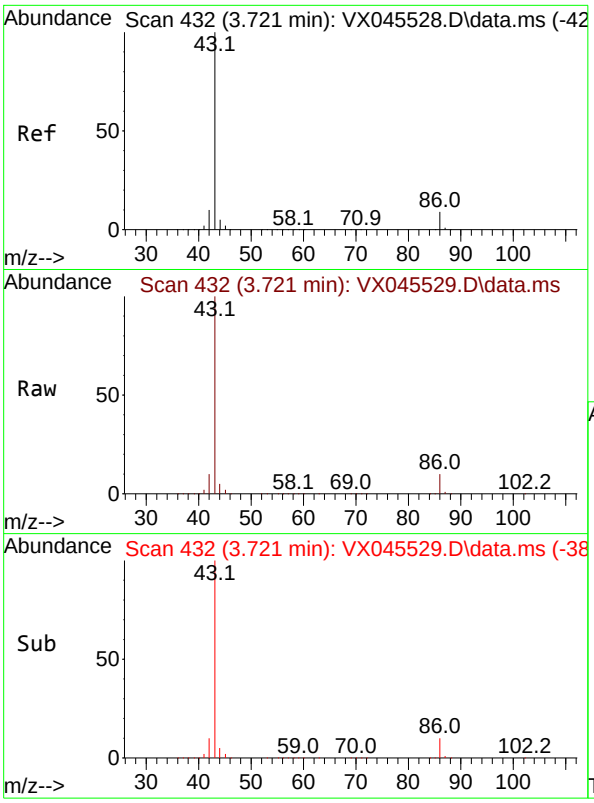


#22
Diisopropyl ether
Concen: 105.132 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 45 Resp: 406185

Ion	Ratio	Lower	Upper
45	100		
43	80.1	59.3	88.9
87	24.7	20.4	30.6
59	10.6	9.0	13.6





#23
Vinyl Acetate
Concen: 553.853 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 184881

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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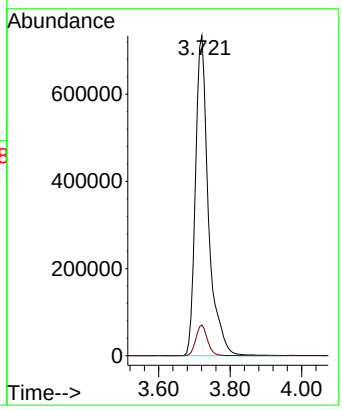
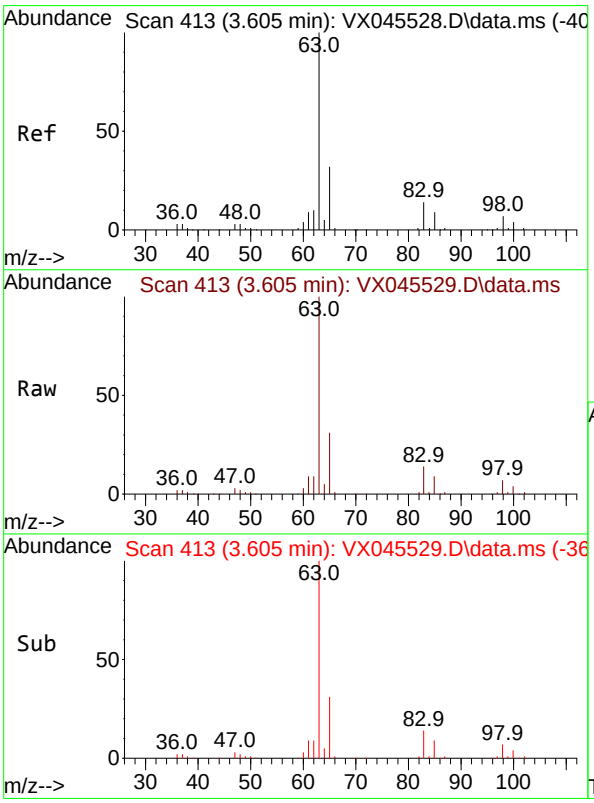
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

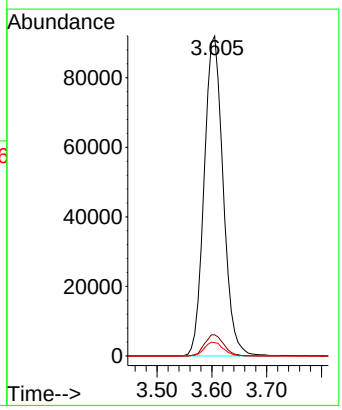


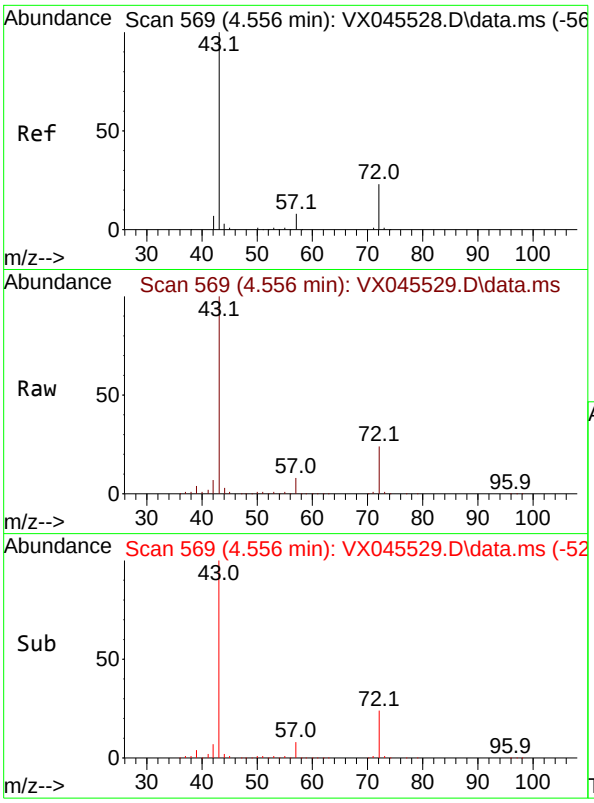


#24
1,1-Dichloroethane
Concen: 101.114 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 63 Resp: 220934

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.1
100	4.2	2.2	6.6

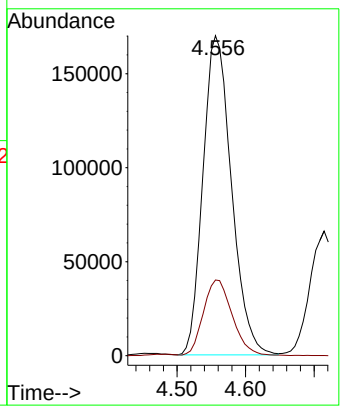




#25
2-Butanone
Concen: 519.018 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 49124

Ion	Ratio	Lower	Upper
43	100		
72	23.5	18.6	28.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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Reviewed By :Amit Patel 04/02/2025
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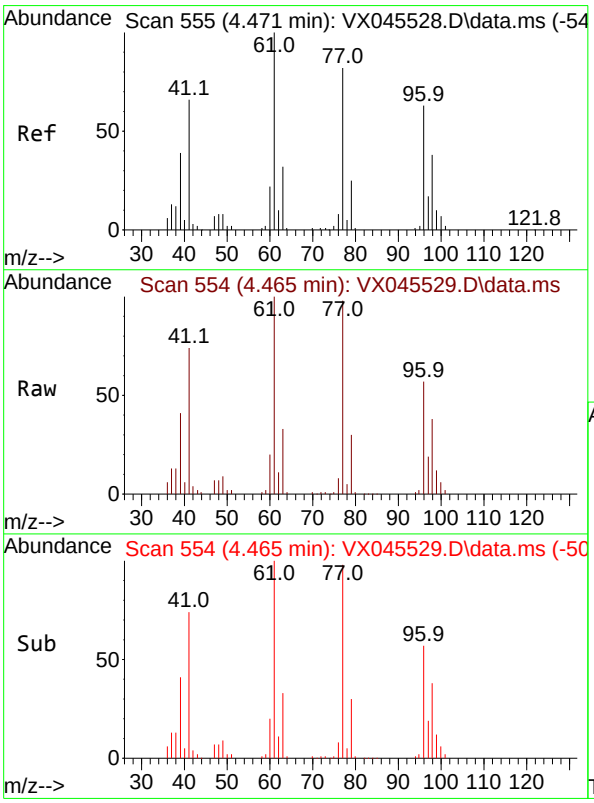
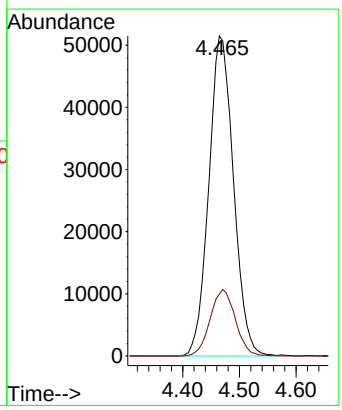
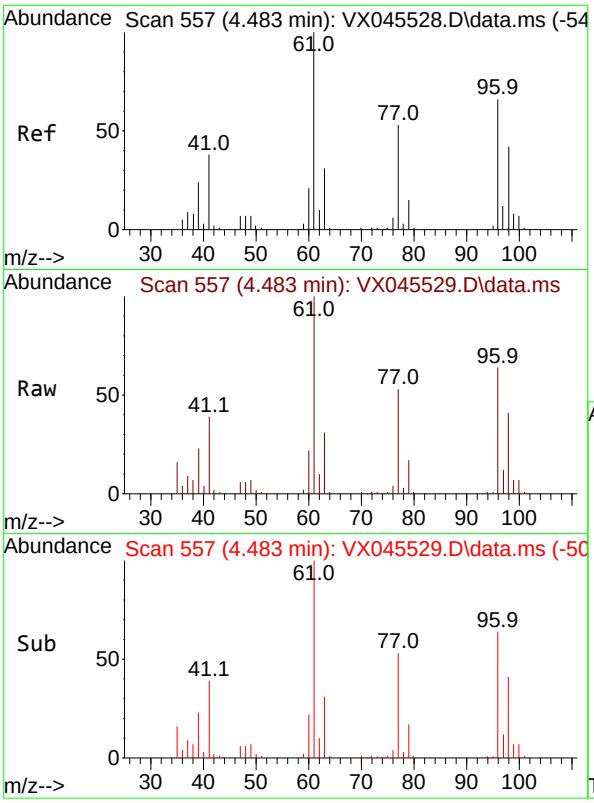


#26
2,2-Dichloropropane
Concen: 110.215 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 77 Resp: 155592

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.6	31.8

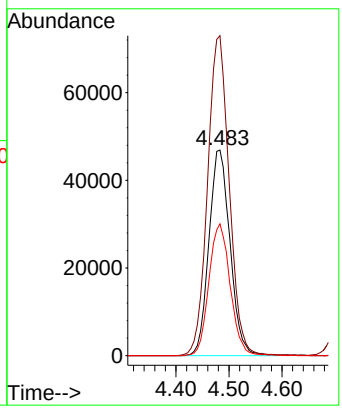




#27
cis-1,2-Dichloroethene
Concen: 100.871 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 96 Resp: 12978

Ion	Ratio	Lower	Upper
96	100		
61	159.4	0.0	313.2
98	64.7	0.0	126.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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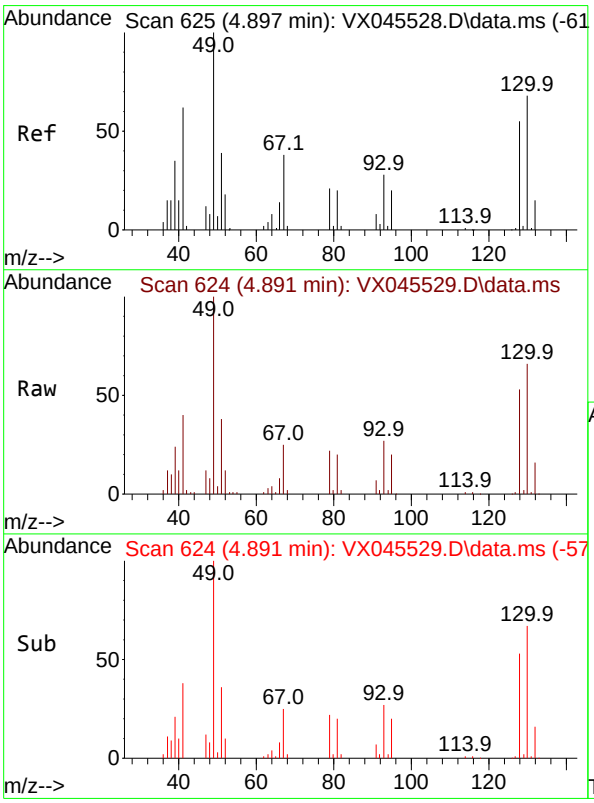
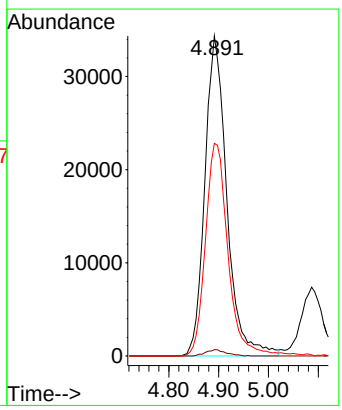
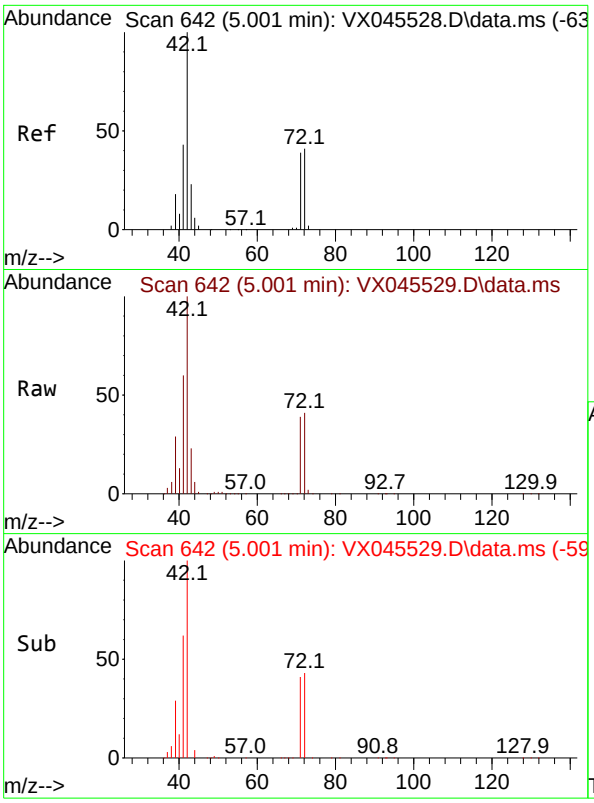


#28
Bromochloromethane
Concen: 99.530 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 49 Resp: 105093

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	68.4	54.6	81.8





#29
Tetrahydrofuran
Concen: 510.264 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 42 Resp: 31312

Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.4	50.0
71	39.1	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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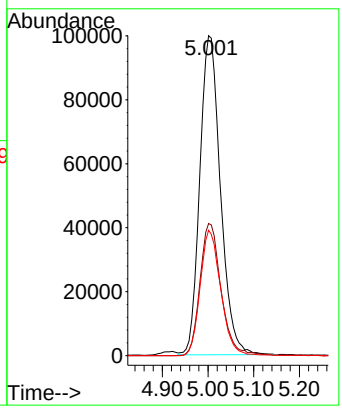
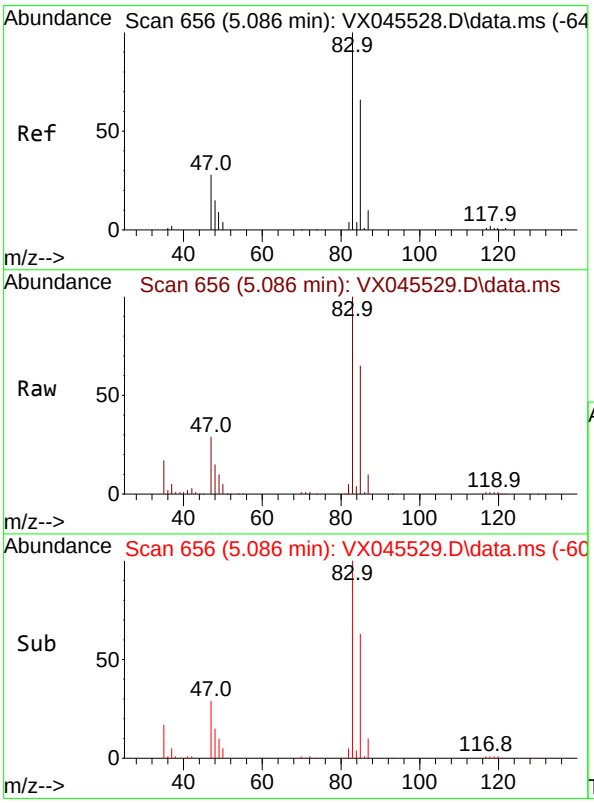
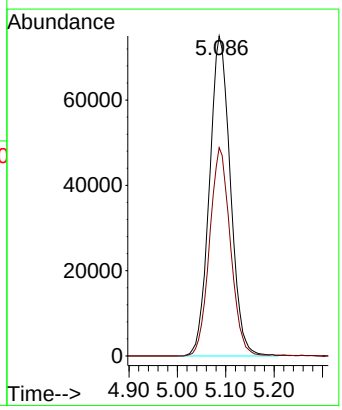


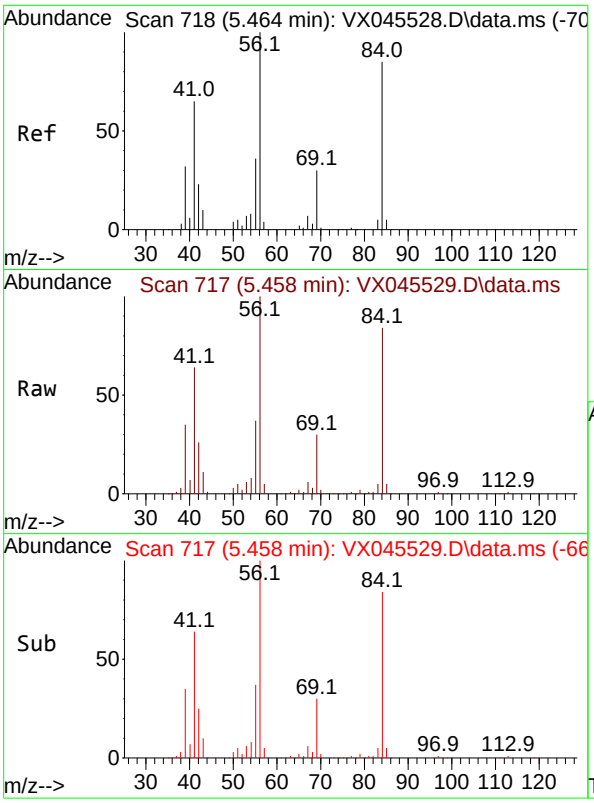


#30
Chloroform
Concen: 100.255 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 83 Resp: 225402

Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.8	79.2

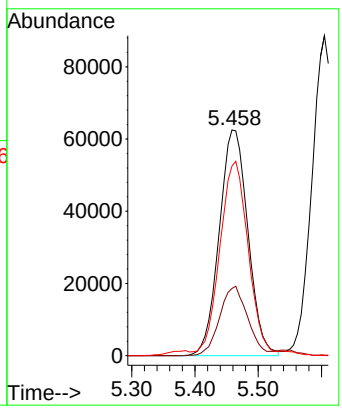




#31
Cyclohexane
Concen: 102.056 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 56 Resp: 19713

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.6	35.4
84	82.1	67.7	101.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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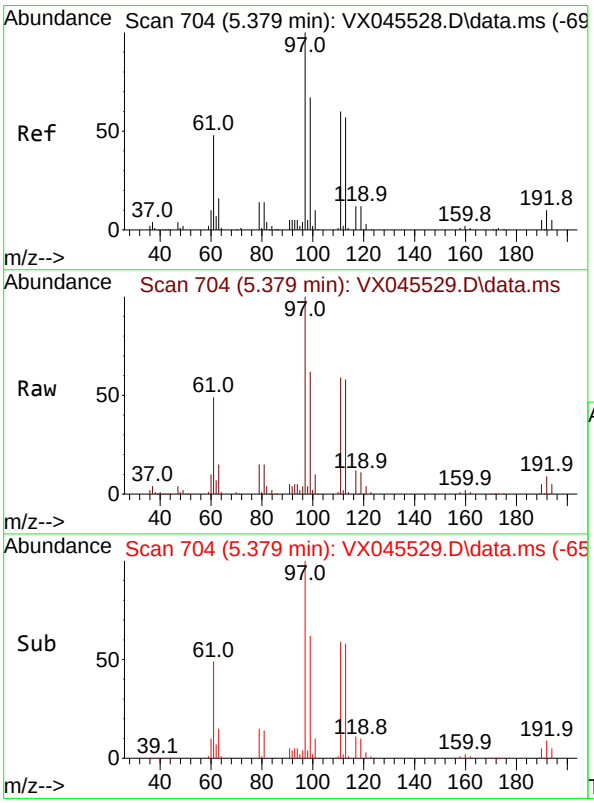
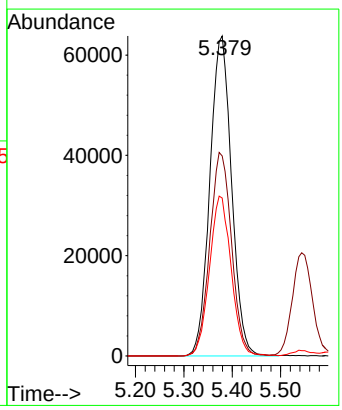
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

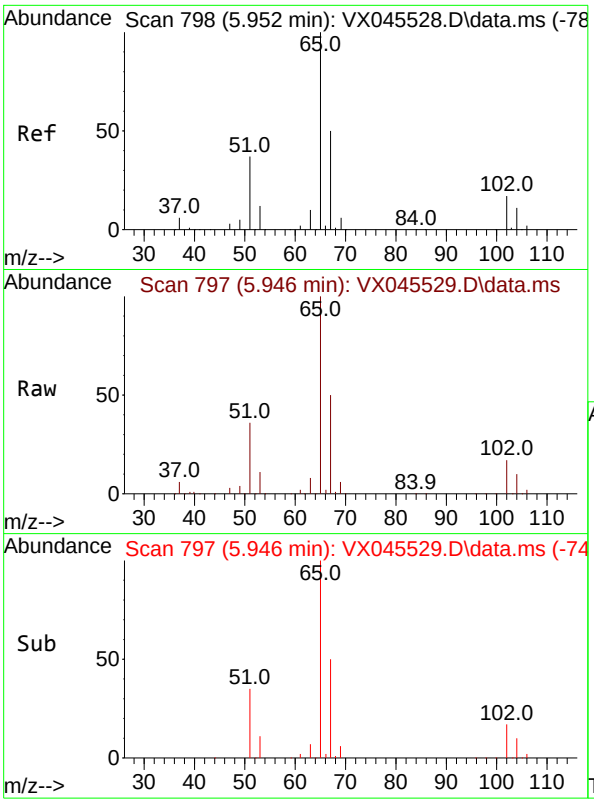


#32
1,1,1-Trichloroethane
Concen: 104.346 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 97 Resp: 198511

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	50.2	41.0	61.4

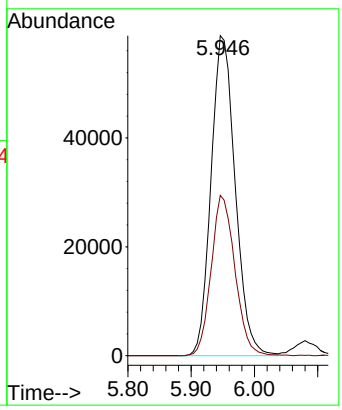




#33
1,2-Dichloroethane-d4
Concen: 98.914 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 65 Resp: 15575

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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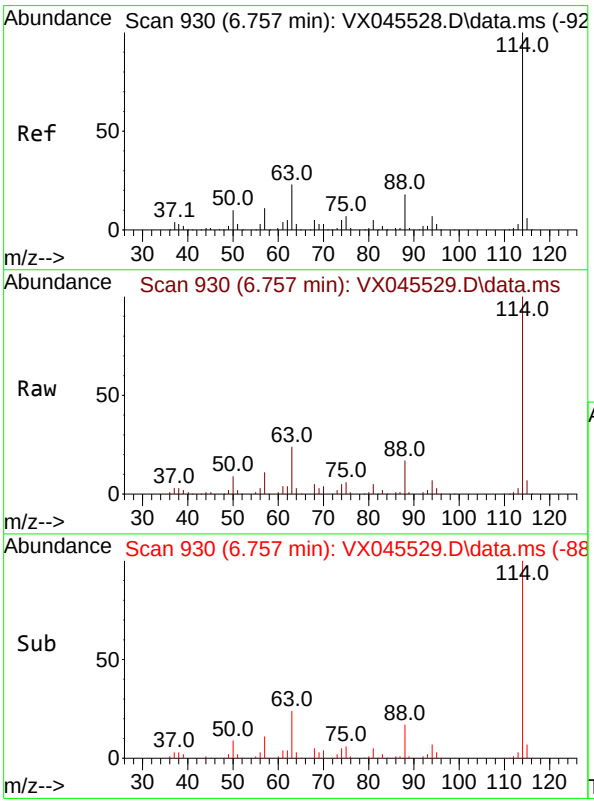
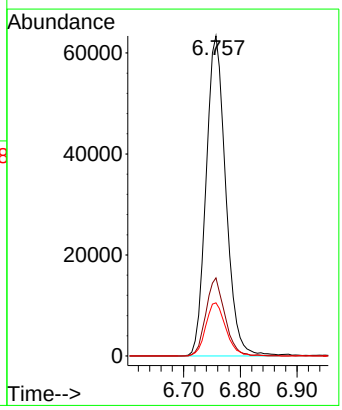
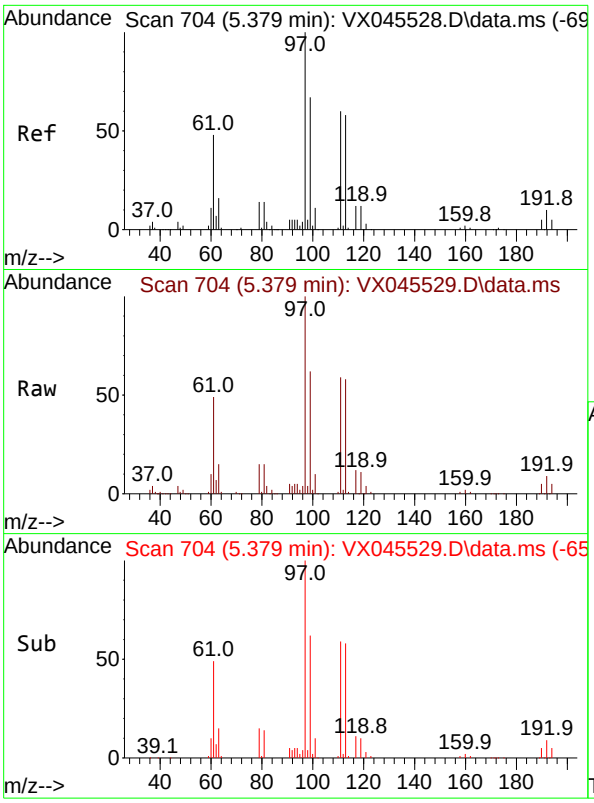


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:114 Resp: 152724

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	46.8
88	16.6	0.0	35.4

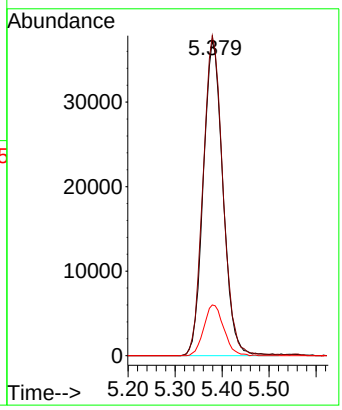




#35
Dibromofluoromethane
Concen: 99.585 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:113 Resp: 10790

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	16.4	13.8	20.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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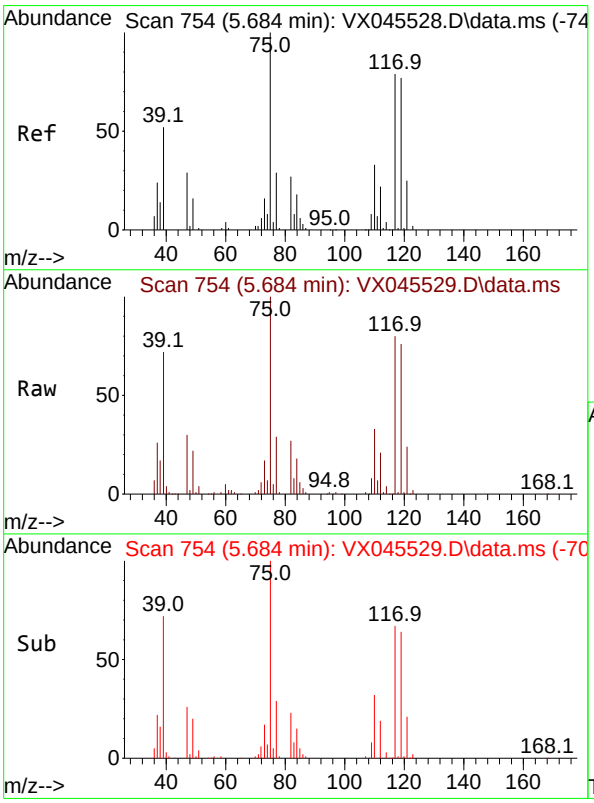
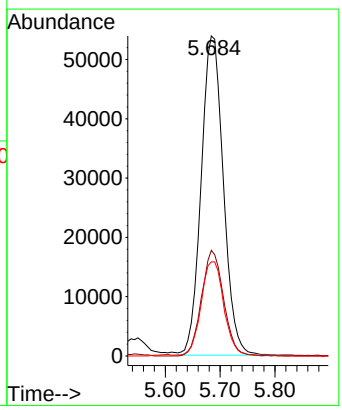
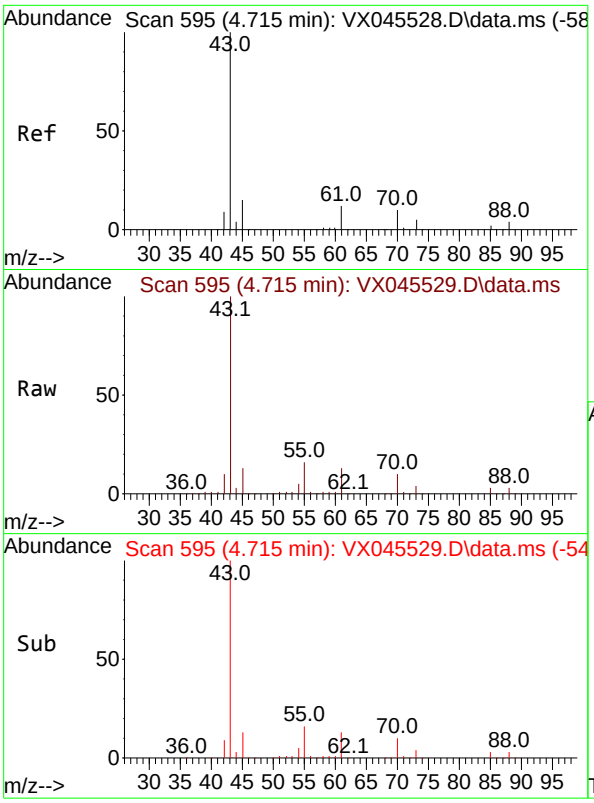


#36
1,1-Dichloropropene
Concen: 103.515 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 151448

Ion	Ratio	Lower	Upper
75	100		
110	32.8	16.9	50.6
77	30.4	25.0	37.4

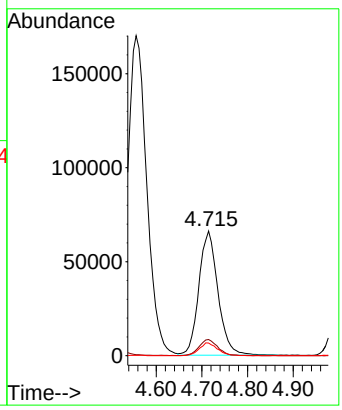




#37
Ethyl Acetate
Concen: 104.207 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 19213

Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	9.8	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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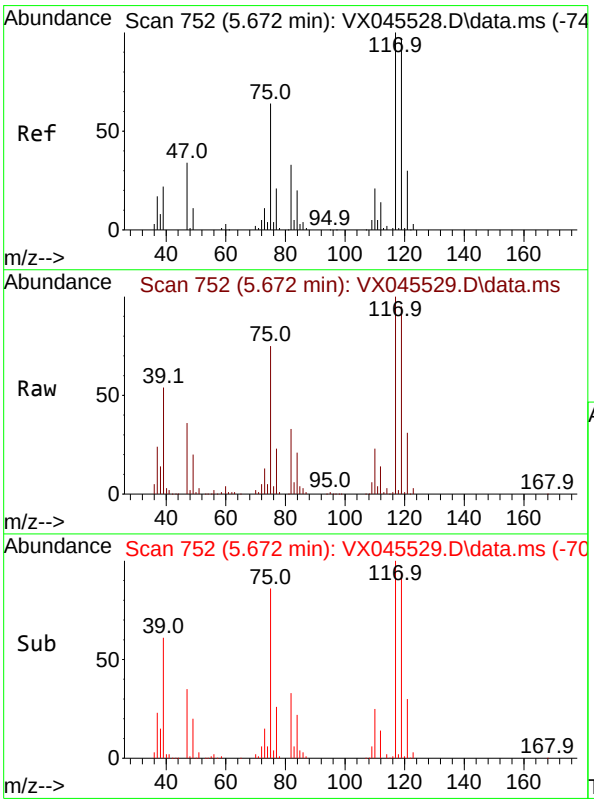
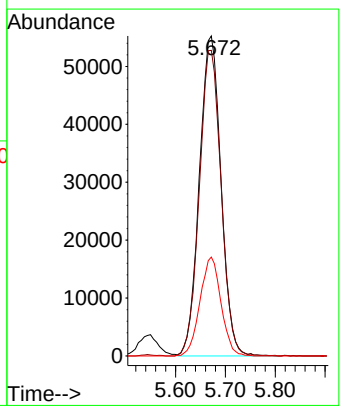
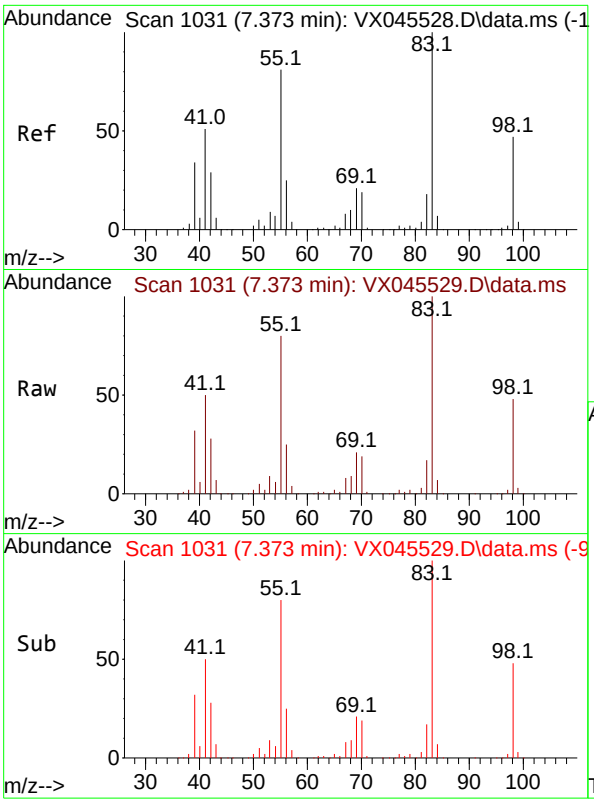


#38
Carbon Tetrachloride
Concen: 105.278 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:117 Resp: 166465

Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.9	115.3
121	30.9	24.2	36.2

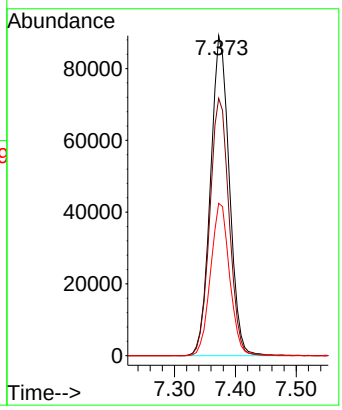




#39
Methylcyclohexane
Concen: 106.921 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 83 Resp: 19175

Ion	Ratio	Lower	Upper
83	100		
55	80.4	64.9	97.3
98	47.6	37.4	56.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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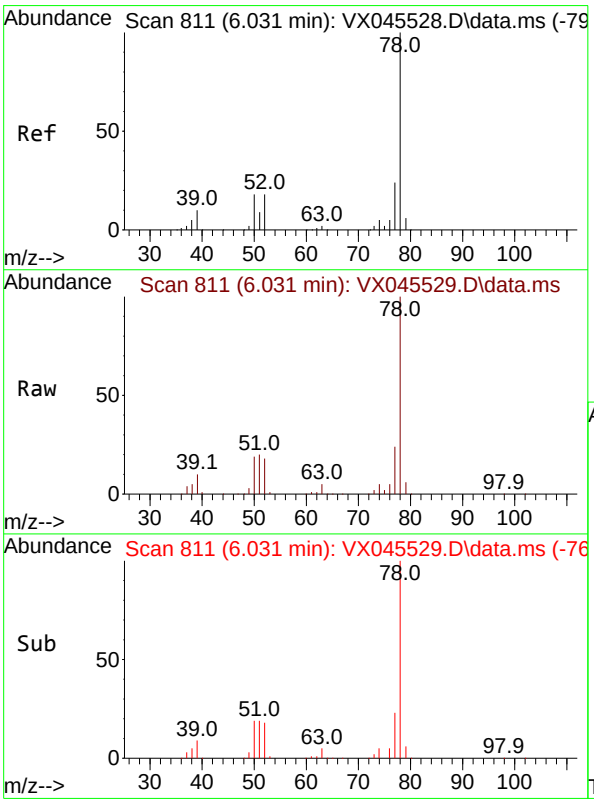
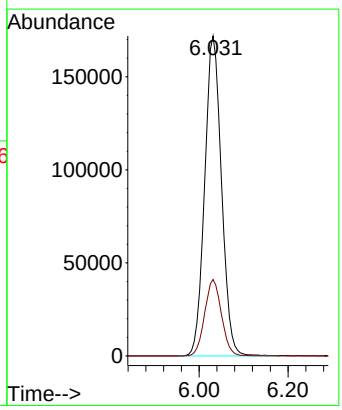
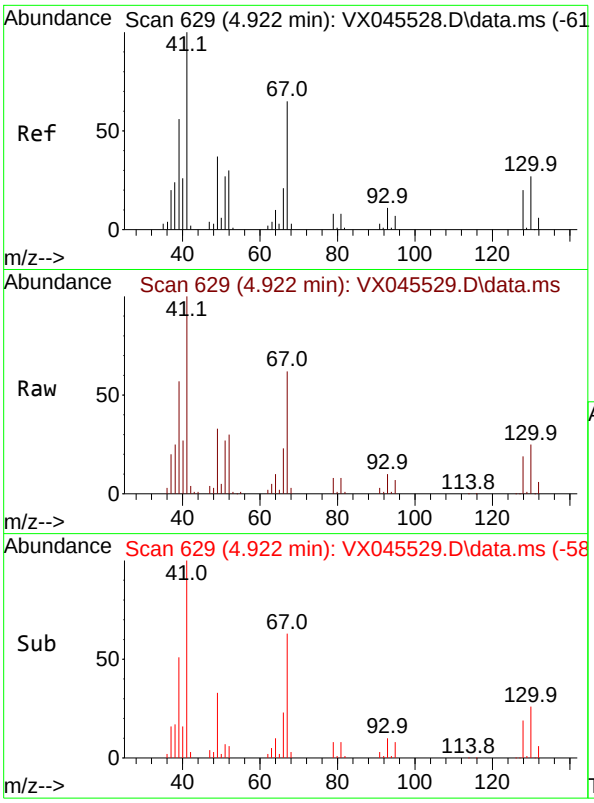


#40
Benzene
Concen: 101.369 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 78 Resp: 452946

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6

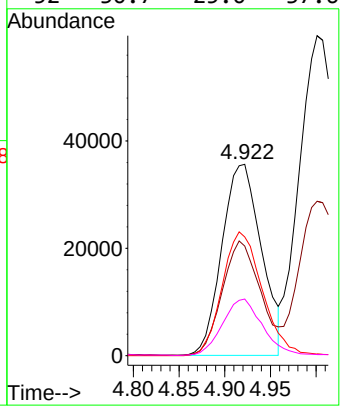




#41
Methacrylonitrile
Concen: 109.068 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 41 Resp: 10703

Ion	Ratio	Lower	Upper
41	100		
39	57.9	47.0	70.6
67	66.2	53.2	79.8
52	30.7	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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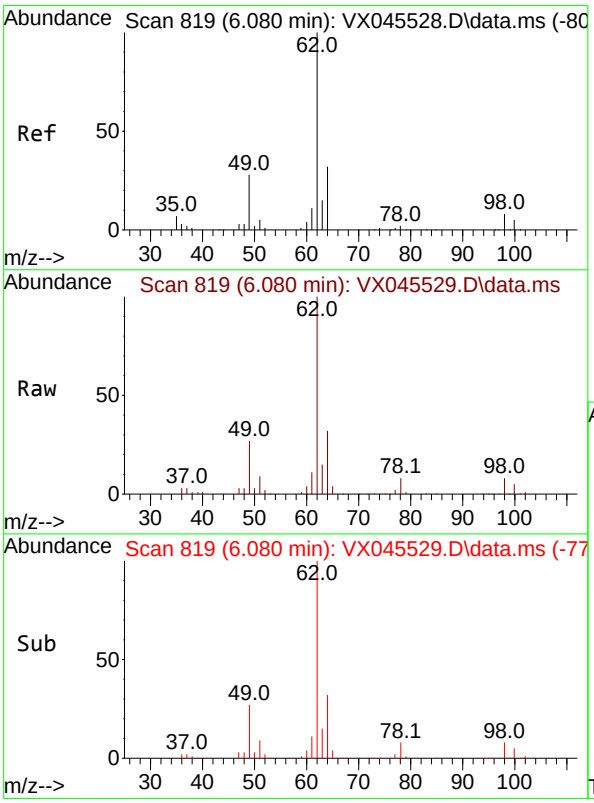
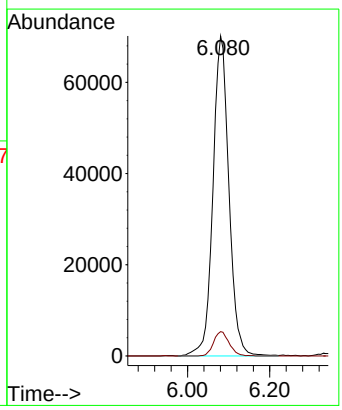
Supervised By :Mahesh Dadoda 04/02/2025

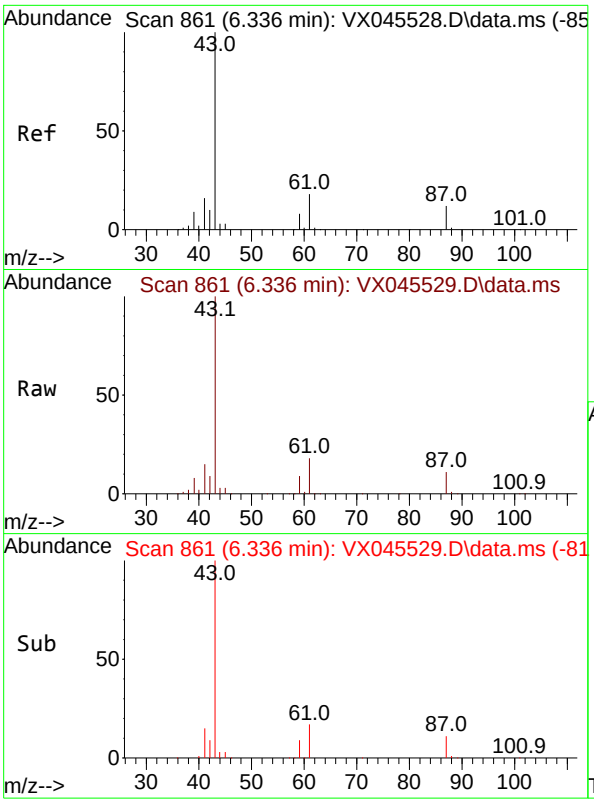


#42
1,2-Dichloroethane
Concen: 102.696 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 62 Resp: 189528

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2





#43
Isopropyl Acetate
Concen: 109.494 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 30597

Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.1	21.1
87	11.6	9.2	13.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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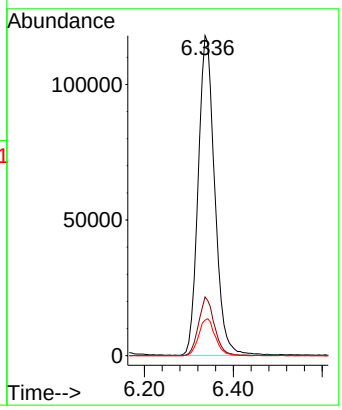
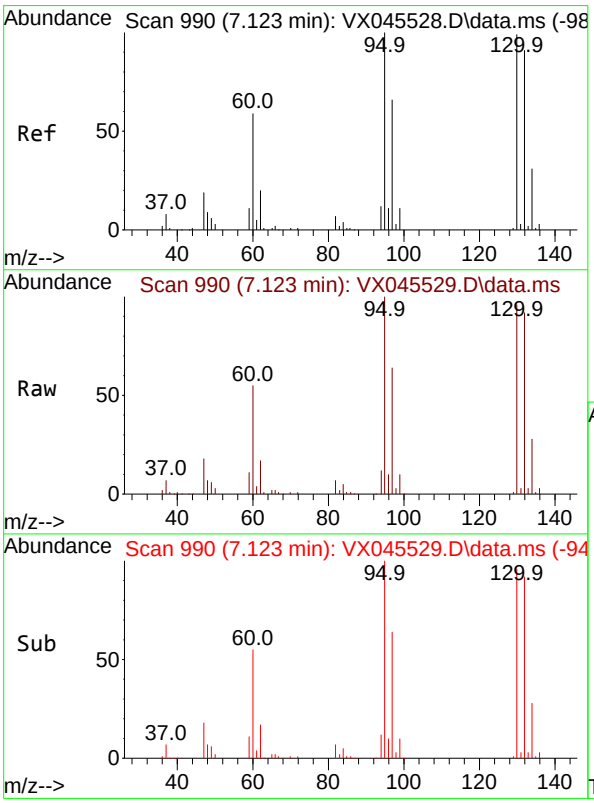
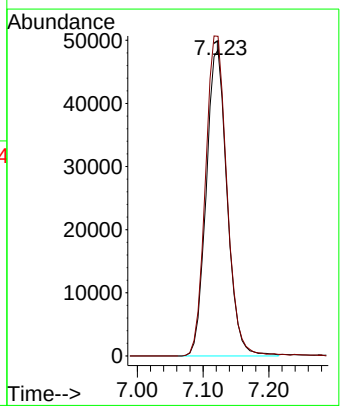


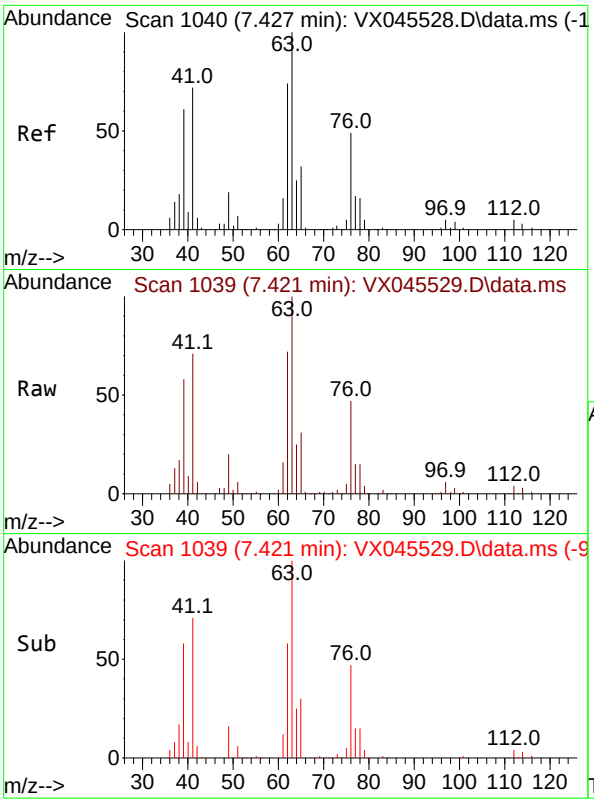


#44
Trichloroethene
Concen: 101.062 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:130 Resp: 107332

Ion	Ratio	Lower	Upper
130	100		
95	104.4	0.0	202.0

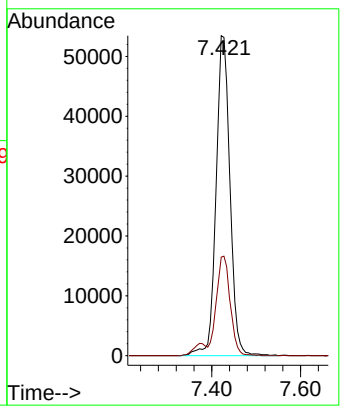




#45
1,2-Dichloropropane
Concen: 103.806 ug/l
RT: 7.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 63 Resp: 11573

Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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Reviewed By :Amit Patel 04/02/2025
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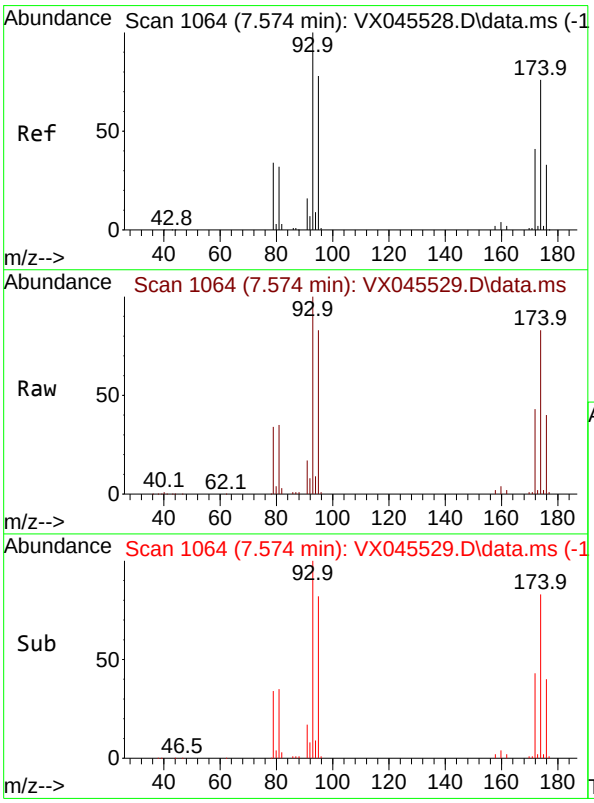
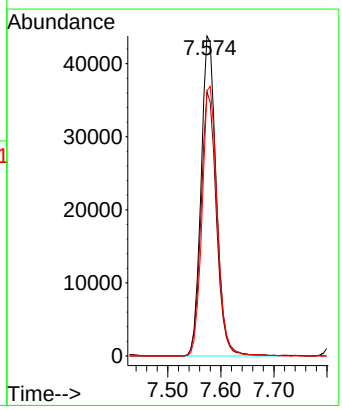
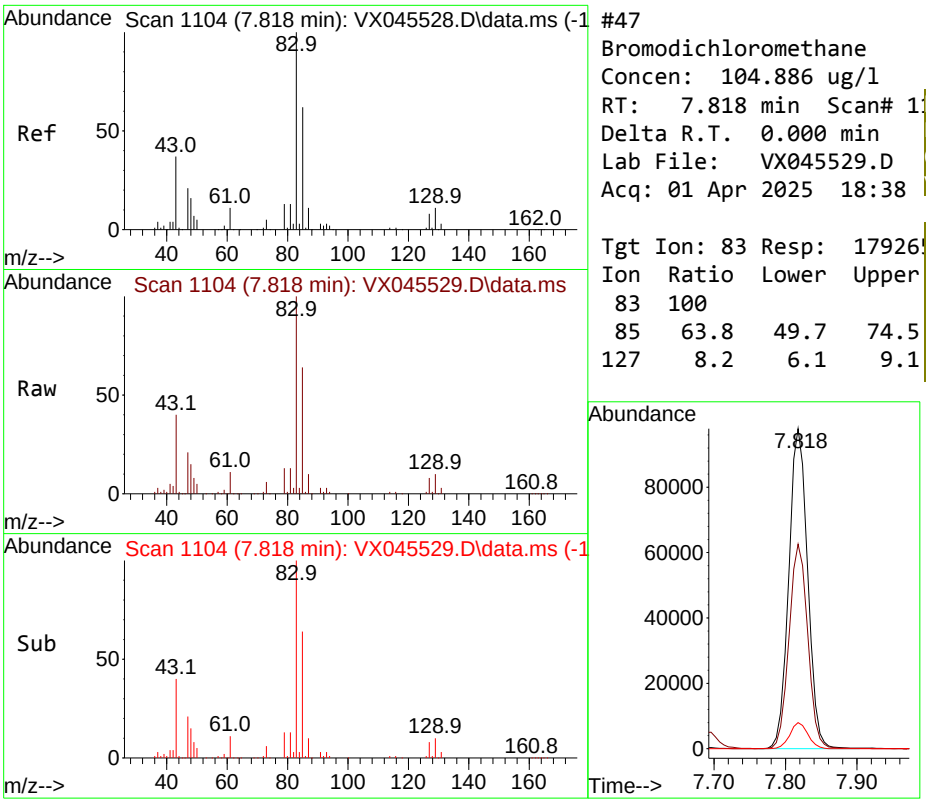


#46
Dibromomethane
Concen: 102.101 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 93 Resp: 87381

Ion	Ratio	Lower	Upper
93	100		
95	83.4	64.8	97.2
174	84.4	65.4	98.0





#47
Bromodichloromethane
Concen: 104.886 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 83 Resp: 17926

Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.7	74.5
127	8.2	6.1	9.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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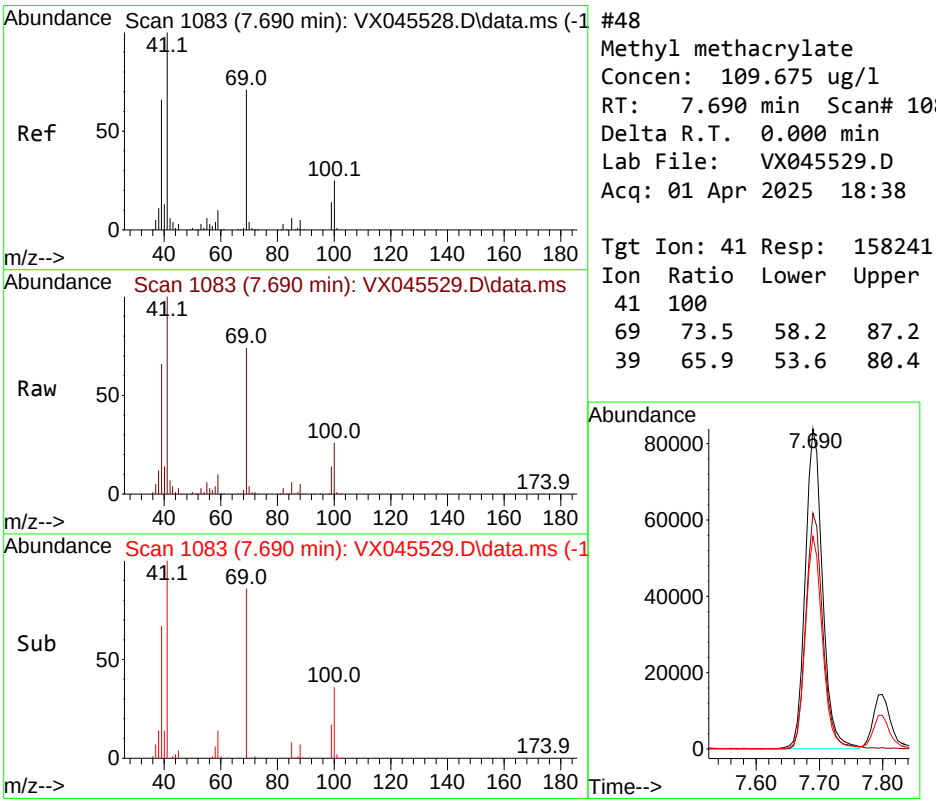
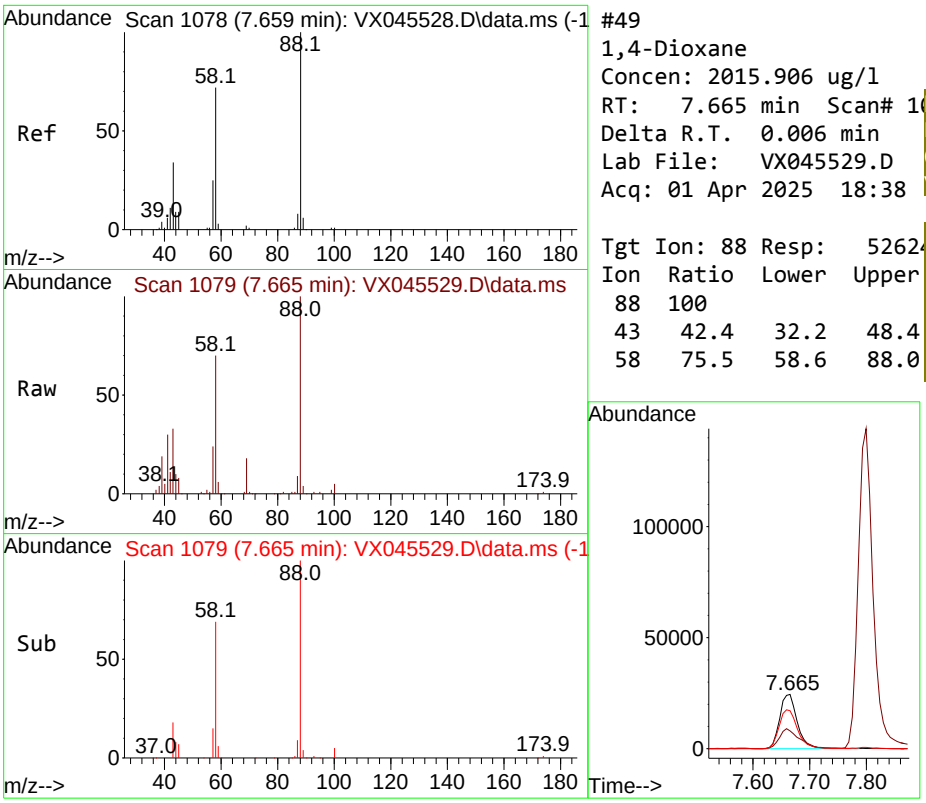


#48
Methyl methacrylate
Concen: 109.675 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 41 Resp: 158241

Ion	Ratio	Lower	Upper
41	100		
69	73.5	58.2	87.2
39	65.9	53.6	80.4



#49
1,4-Dioxane
Concen: 2015.906 ug/l
RT: 7.665 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 88 Resp: 5262

Ion	Ratio	Lower	Upper
88	100		
43	42.4	32.2	48.4
58	75.5	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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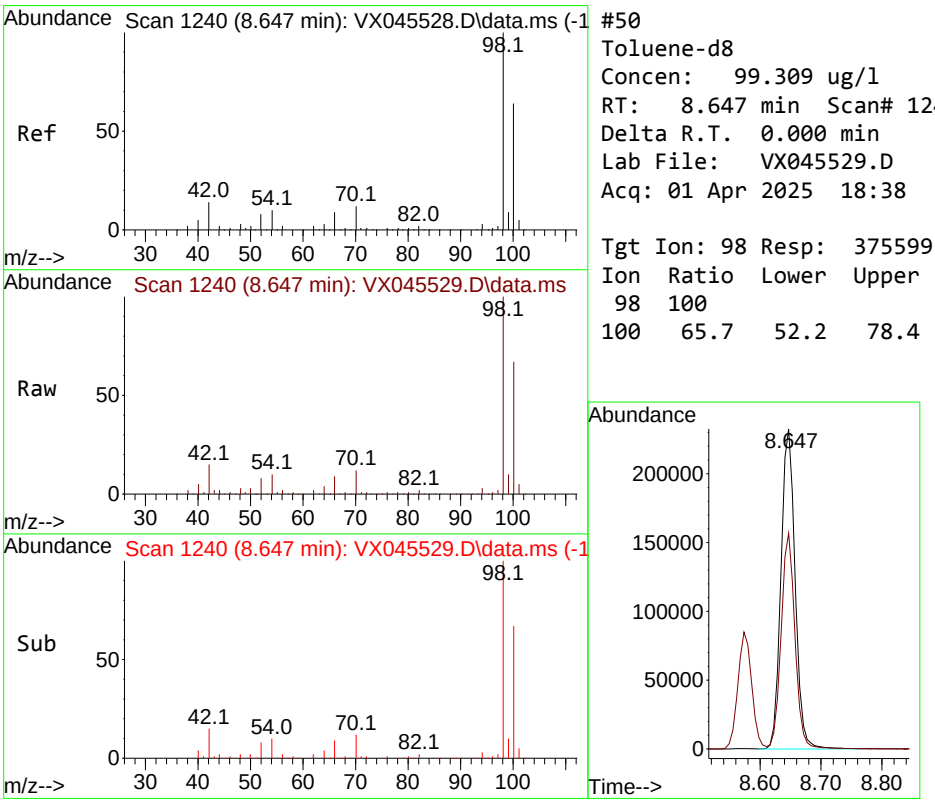
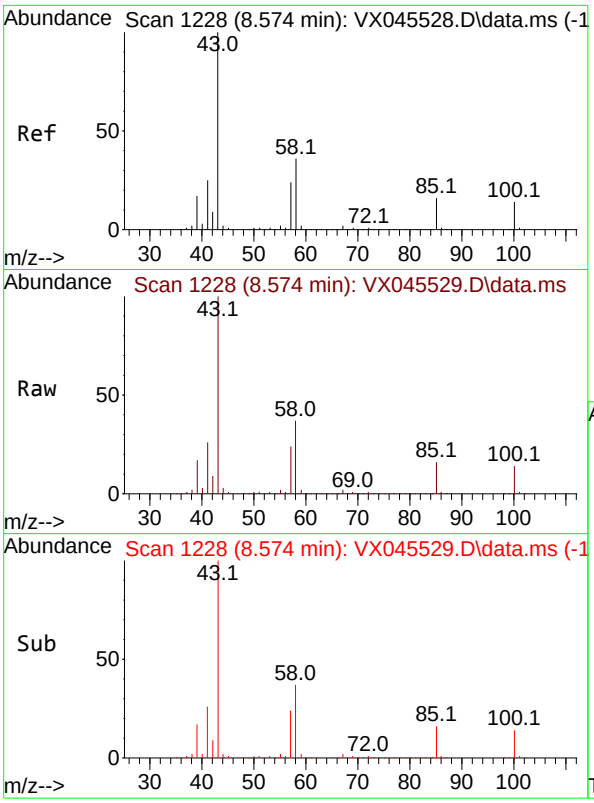


#50
Toluene-d8
Concen: 99.309 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 98 Resp: 375599

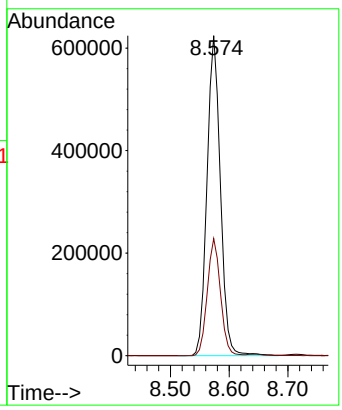
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4



#51
4-Methyl-2-Pentanone
Concen: 533.814 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 98888

Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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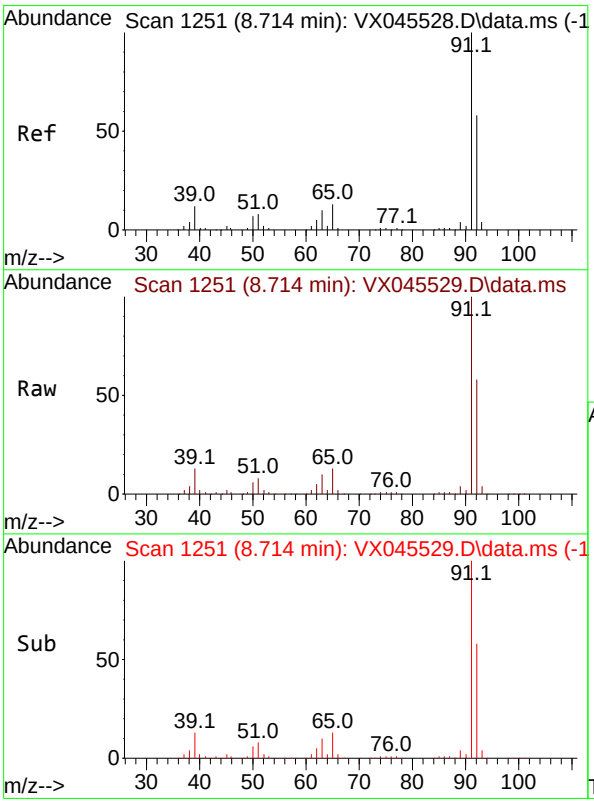
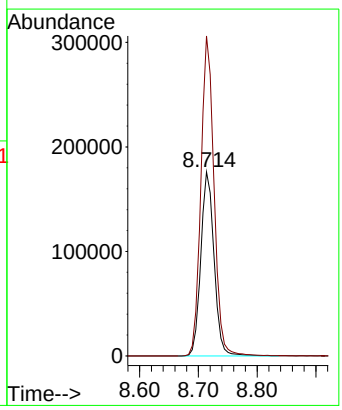
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

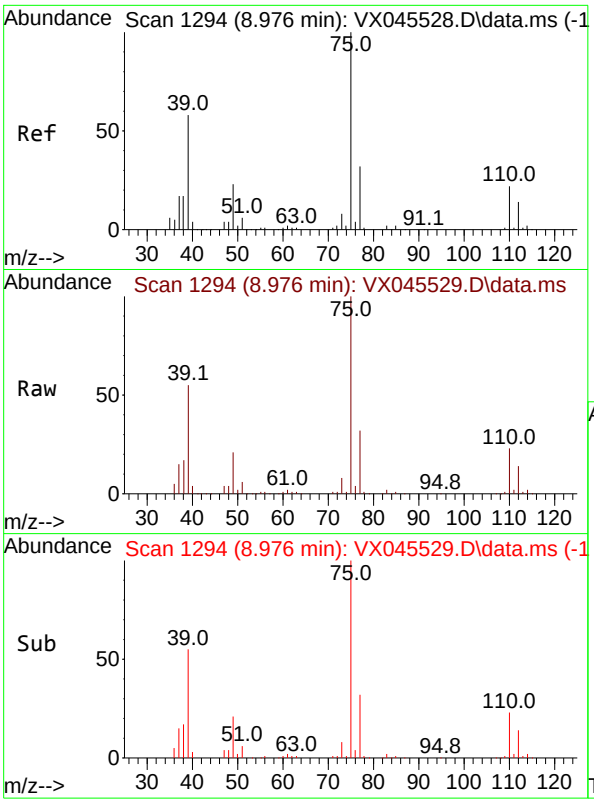


#52
Toluene
Concen: 102.199 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 92 Resp: 276323

Ion	Ratio	Lower	Upper
92	100		
91	172.5	138.7	208.1

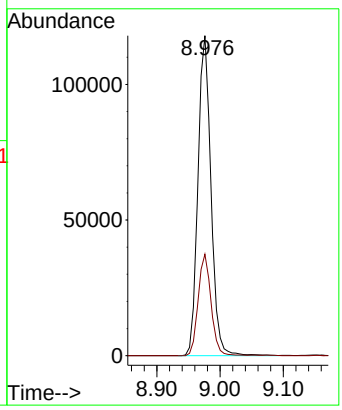




#53
t-1,3-Dichloropropene
Concen: 100.645 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 16941

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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Reviewed By :Amit Patel 04/02/2025
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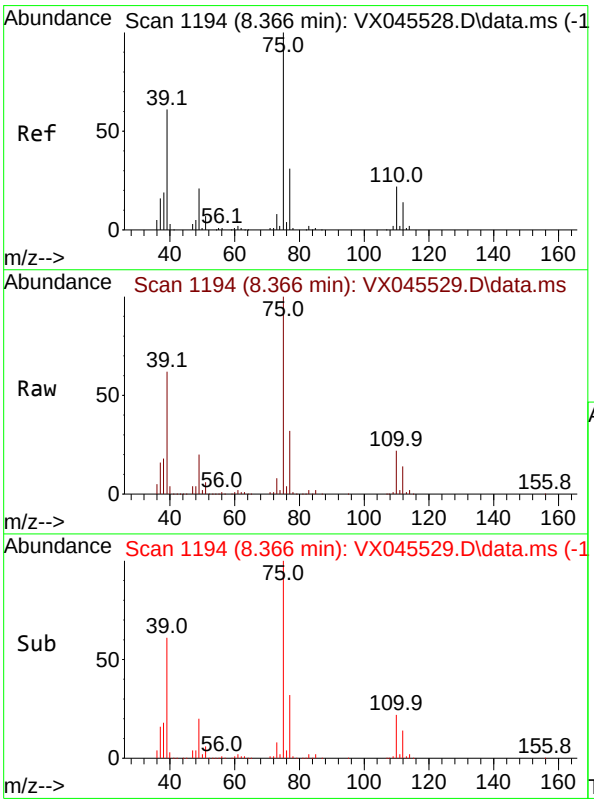
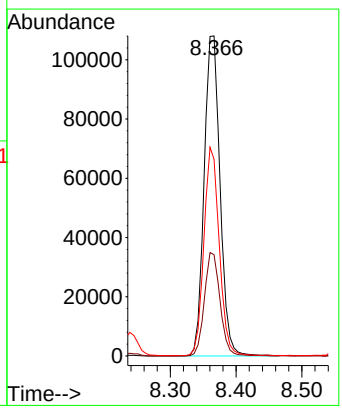
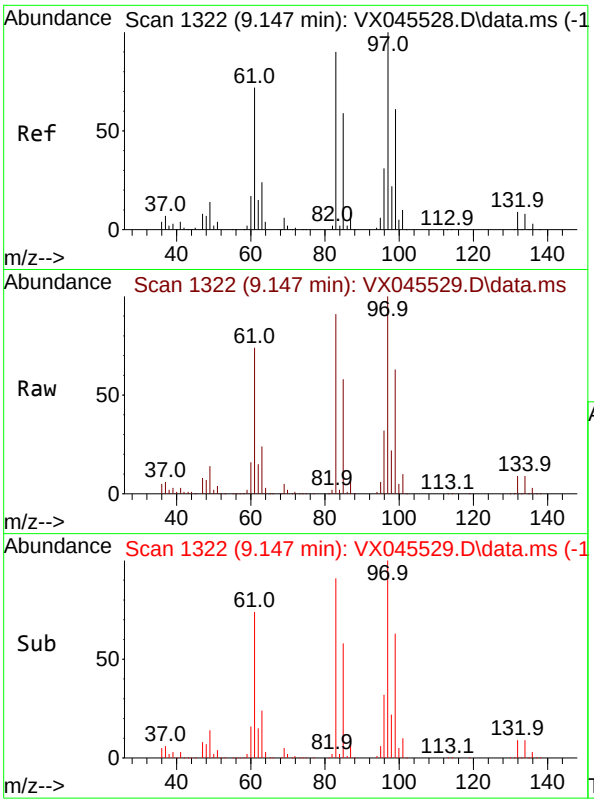


#54
cis-1,3-Dichloropropene
Concen: 113.521 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 182328

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.6	36.8
39	61.4	48.4	72.6

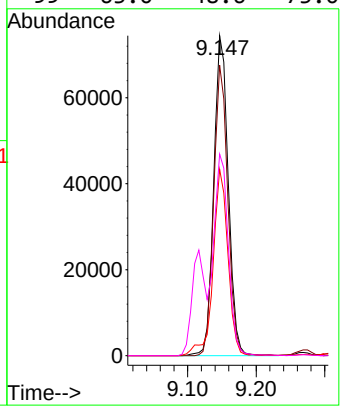




#55
1,1,2-Trichloroethane
Concen: 101.361 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 97 Resp: 10920

Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.8	107.8
85	58.2	47.0	70.6
99	63.0	48.6	73.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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Reviewed By :Amit Patel 04/02/2025
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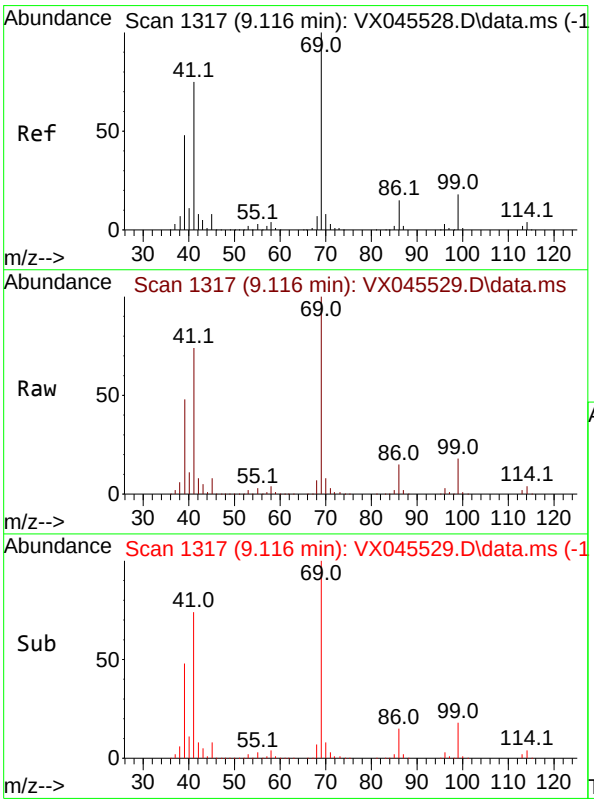
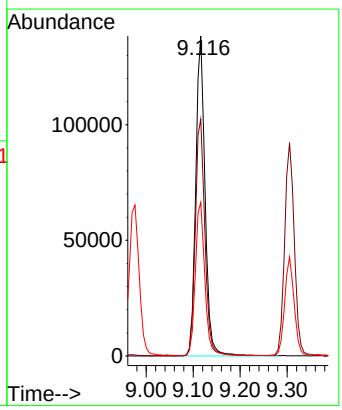
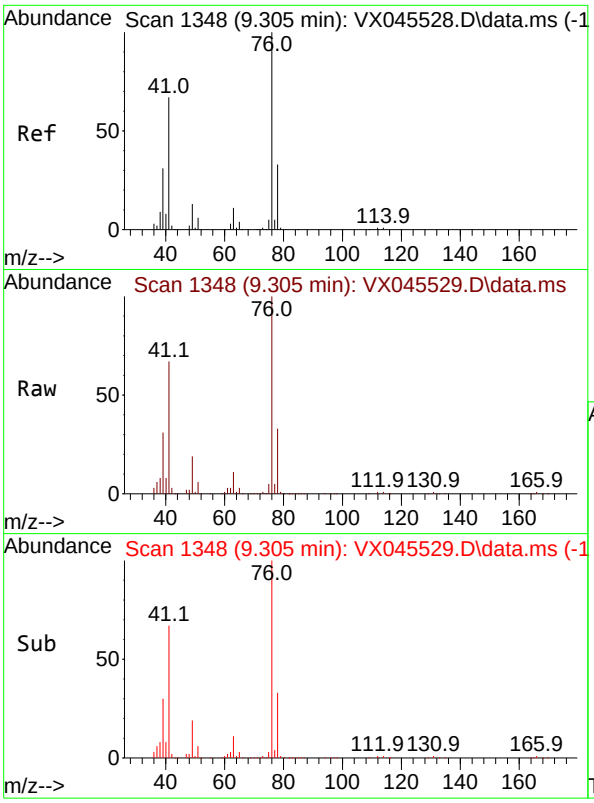


#56
Ethyl methacrylate
Concen: 115.168 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 69 Resp: 192034

Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.3	91.9
39	49.0	40.2	60.2

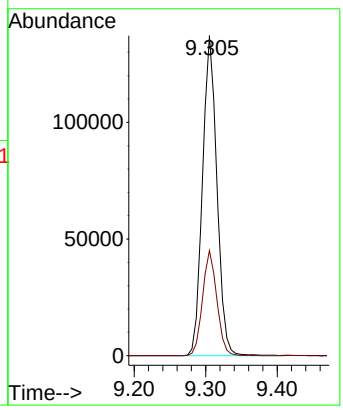




#57
1,3-Dichloropropane
Concen: 102.588 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 76 Resp: 19247

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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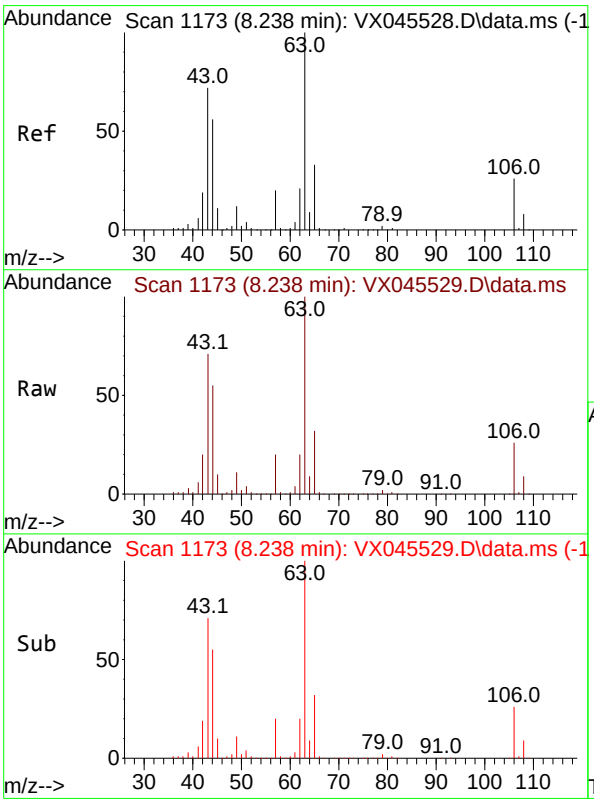
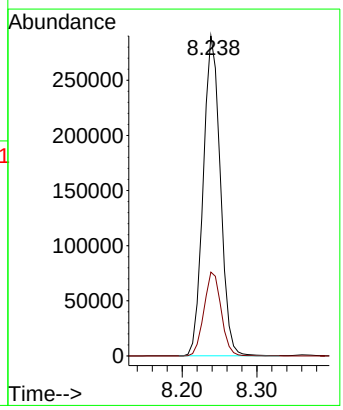
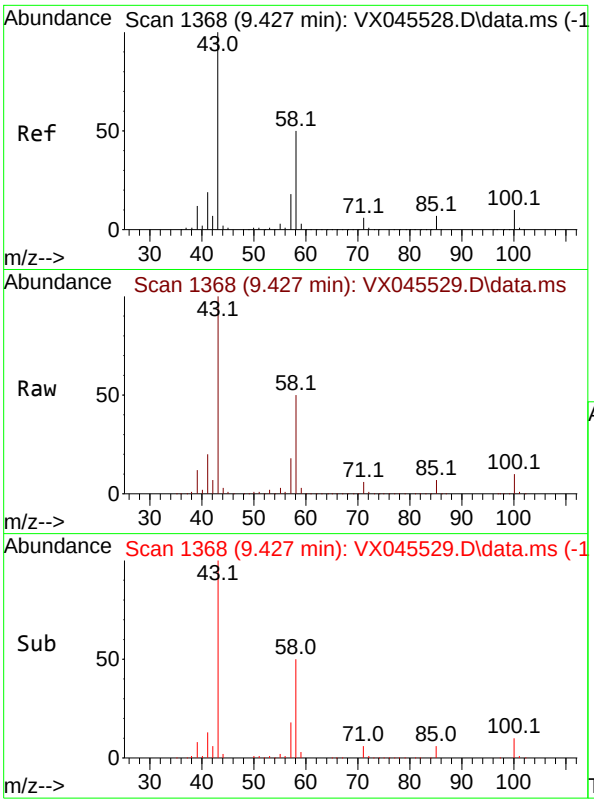


#58
2-Chloroethyl Vinyl ether
Concen: 545.696 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 63 Resp: 460297

Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.0	31.6

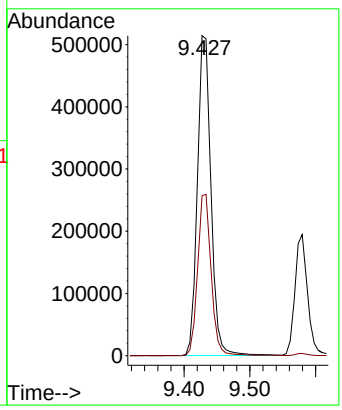




#59
2-Hexanone
Concen: 538.538 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 73877

Ion	Ratio	Lower	Upper
43	100		
58	50.3	24.9	74.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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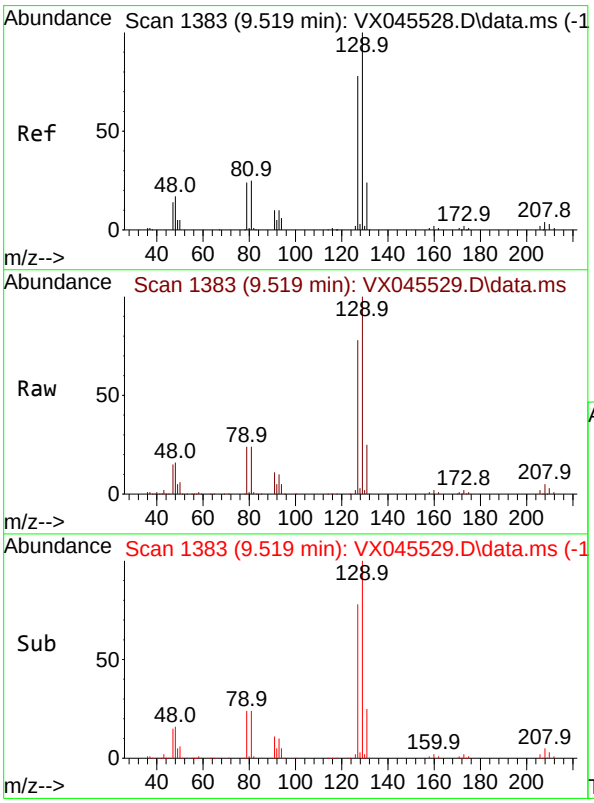
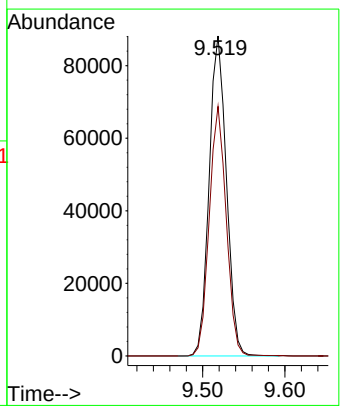
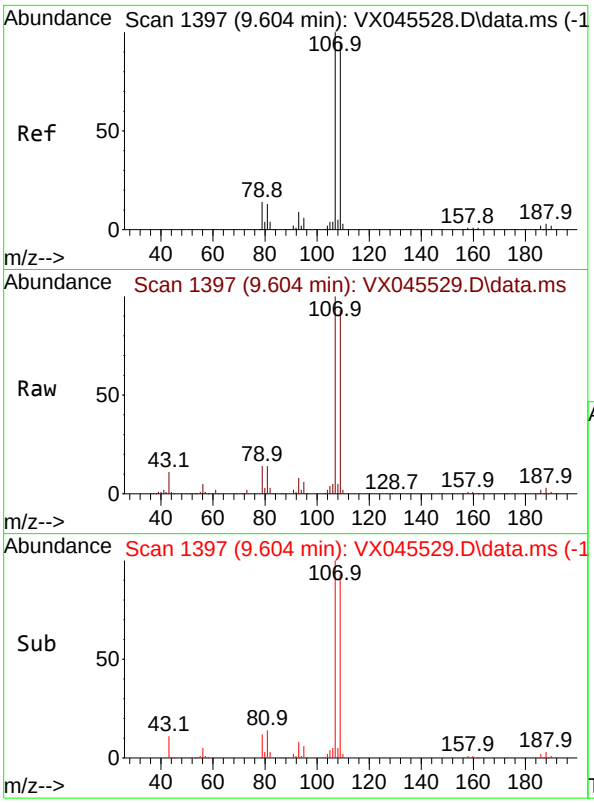


#60
Dibromochloromethane
Concen: 109.570 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:129 Resp: 128700

Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.4	118.2

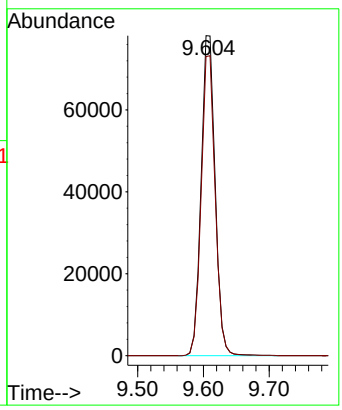




#61
1,2-Dibromoethane
Concen: 106.282 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:107 Resp: 11591

Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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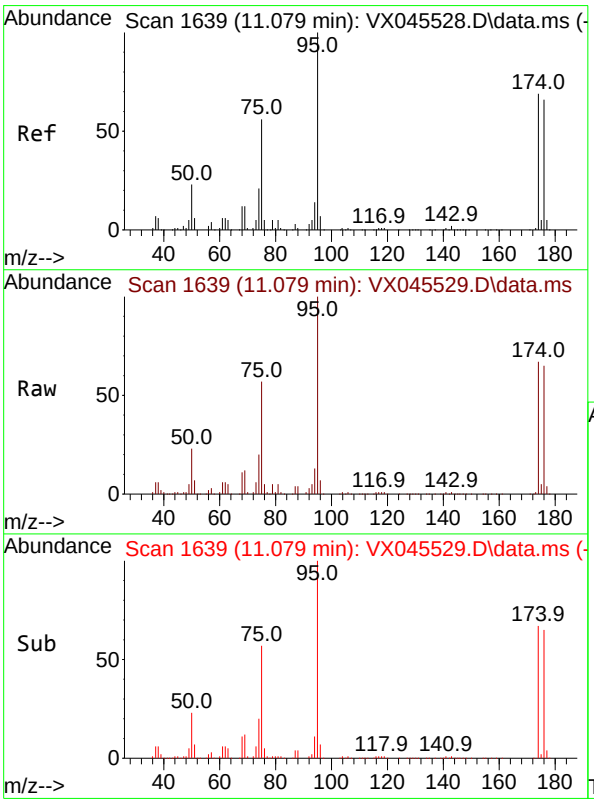
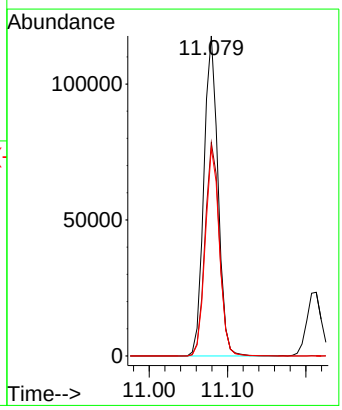
Supervised By :Mahesh Dadoda 04/02/2025

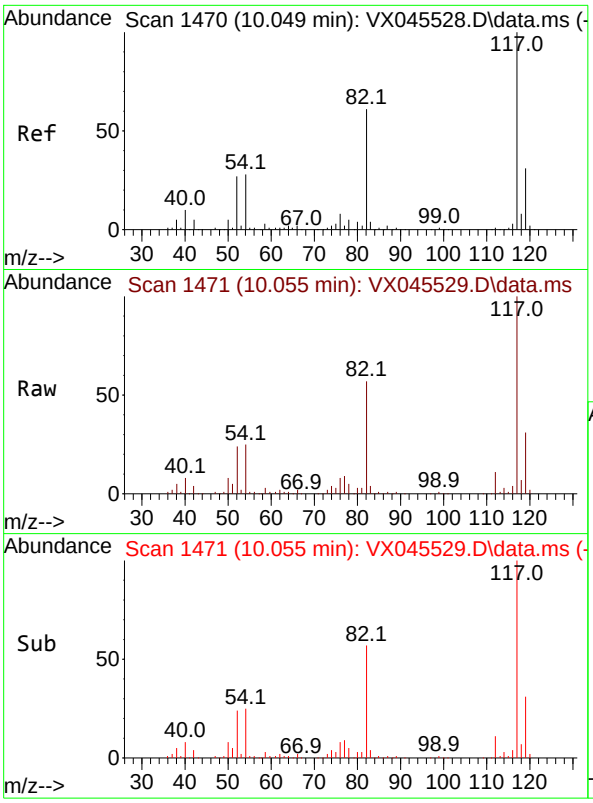


#62
4-Bromofluorobenzene
Concen: 106.664 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 95 Resp: 146944

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	135.8
176	64.7	0.0	131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:117 Resp: 136369

Ion	Ratio	Lower	Upper
117	100		
82	57.2	49.2	73.8
119	31.2	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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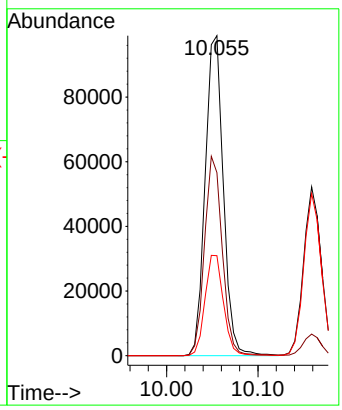
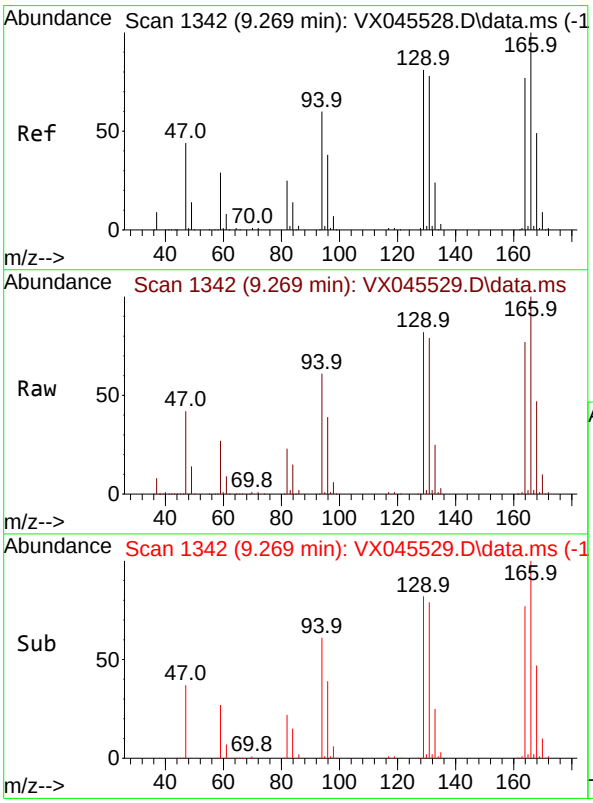
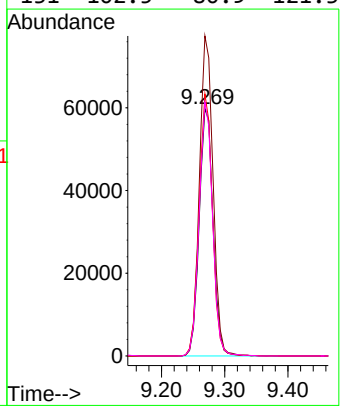


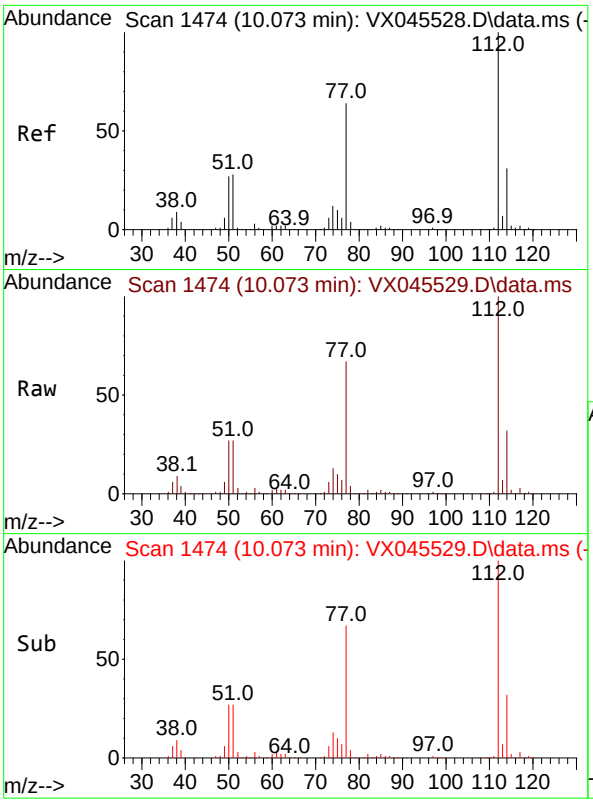


#64
Tetrachloroethene
Concen: 94.325 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:164 Resp: 90817

Ion	Ratio	Lower	Upper
164	100		
166	129.3	103.8	155.8
129	105.9	84.3	126.5
131	102.5	80.9	121.3

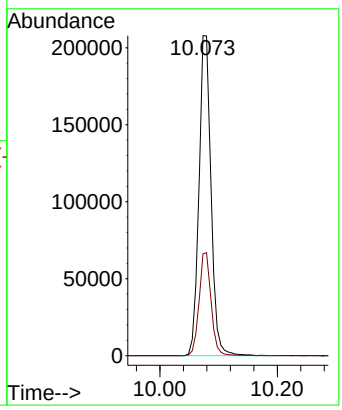




#65
Chlorobenzene
Concen: 101.682 ug/l
RT: 10.073 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:112 Resp: 29630

Ion	Ratio	Lower	Upper
112	100		
114	31.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Amit Patel 04/02/2025
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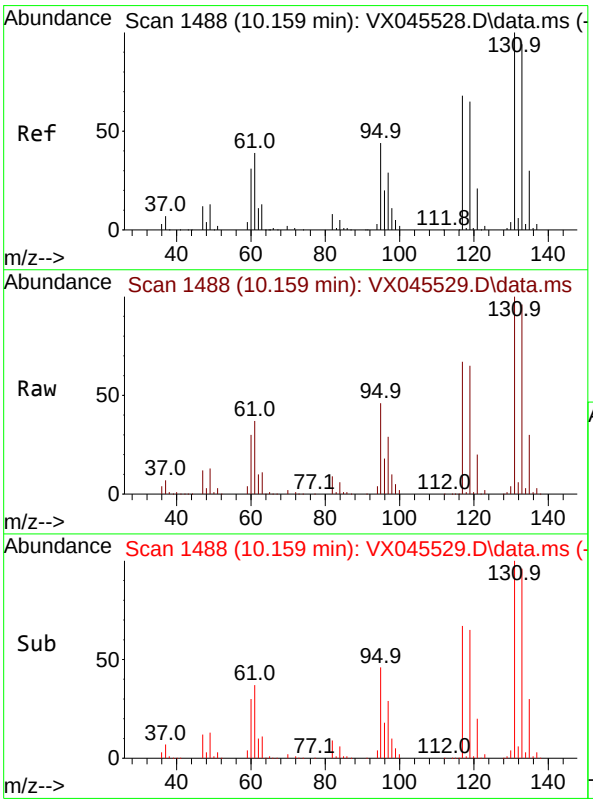
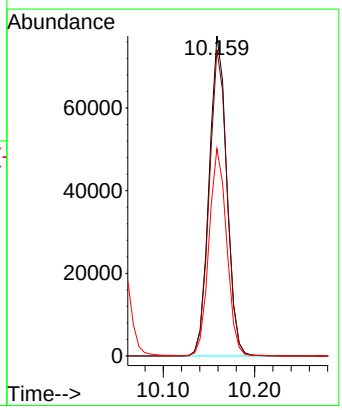
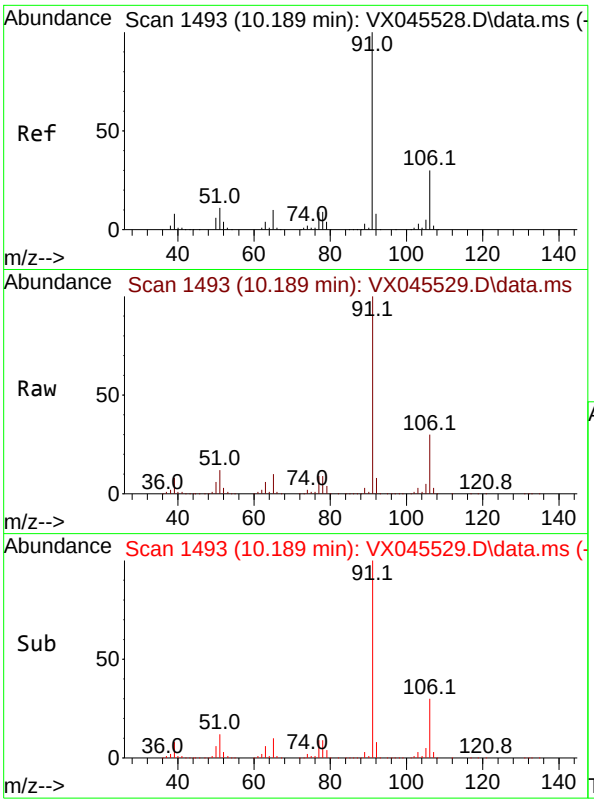


#66
1,1,1,2-Tetrachloroethane
Concen: 102.243 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:131 Resp: 103437

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.5	142.5
119	65.0	32.9	98.6

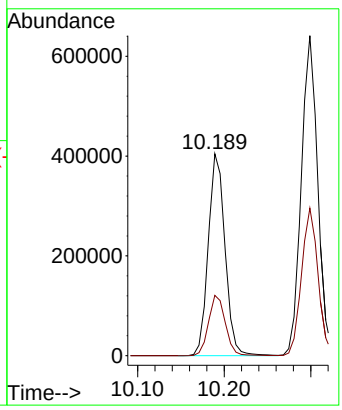




#67
Ethyl Benzene
Concen: 104.152 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 91 Resp: 54356

Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.7	35.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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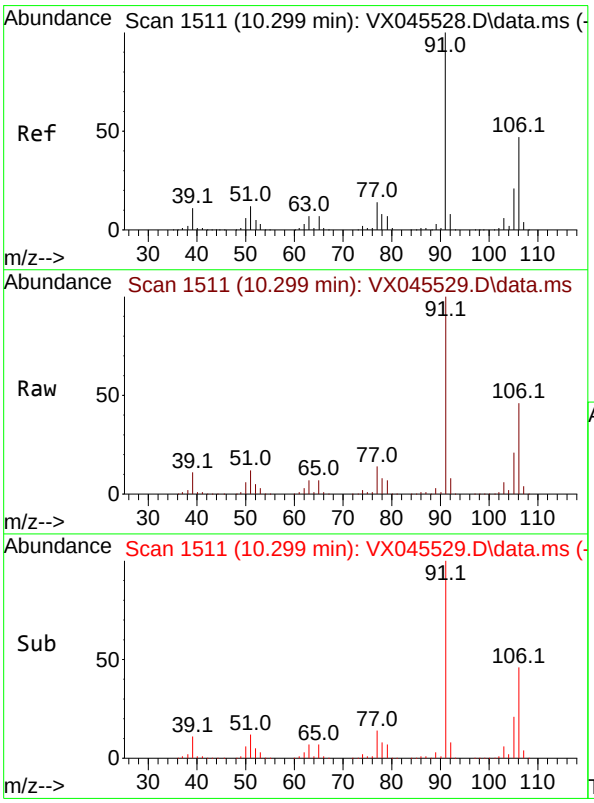
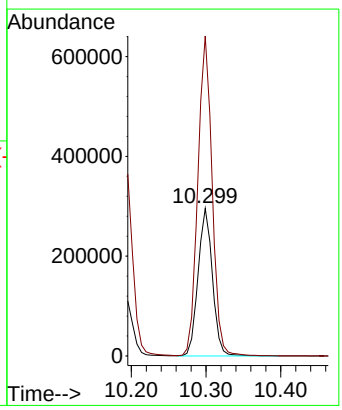
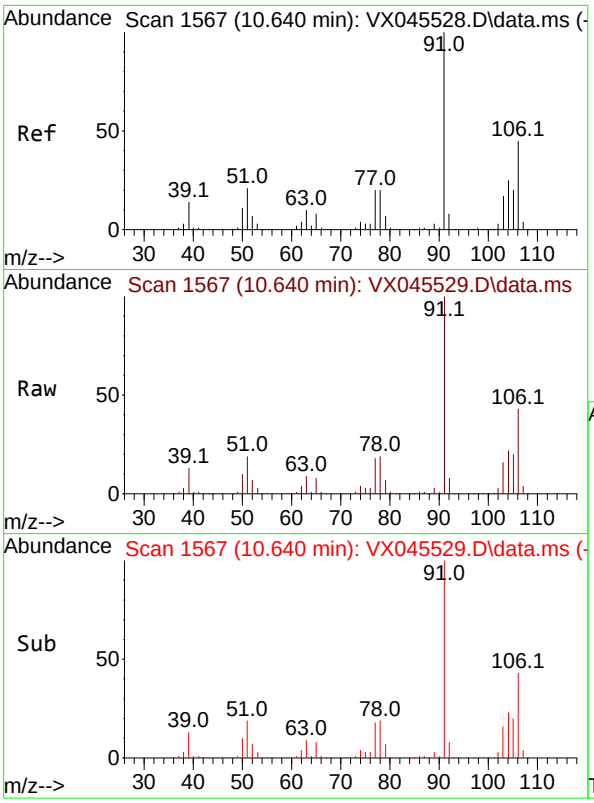


#68
m/p-Xylenes
Concen: 207.694 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:106 Resp: 394241

Ion	Ratio	Lower	Upper
106	100		
91	216.1	172.6	258.8





#69
o-Xylene
Concen: 104.487 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:106 Resp: 19538

Ion	Ratio	Lower	Upper
106	100		
91	228.0	113.6	340.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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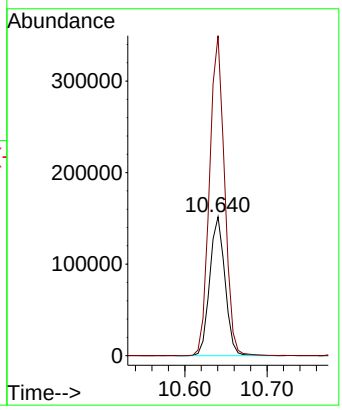
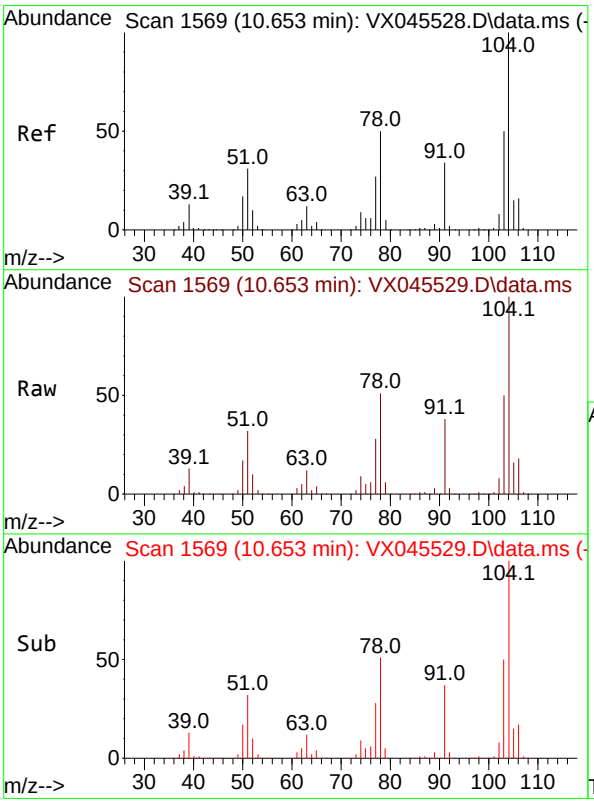
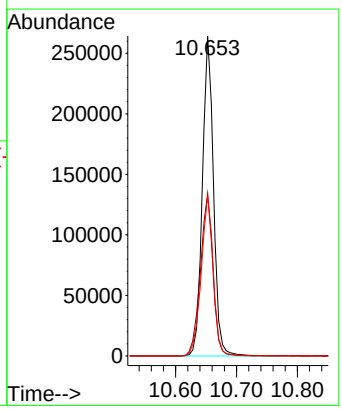


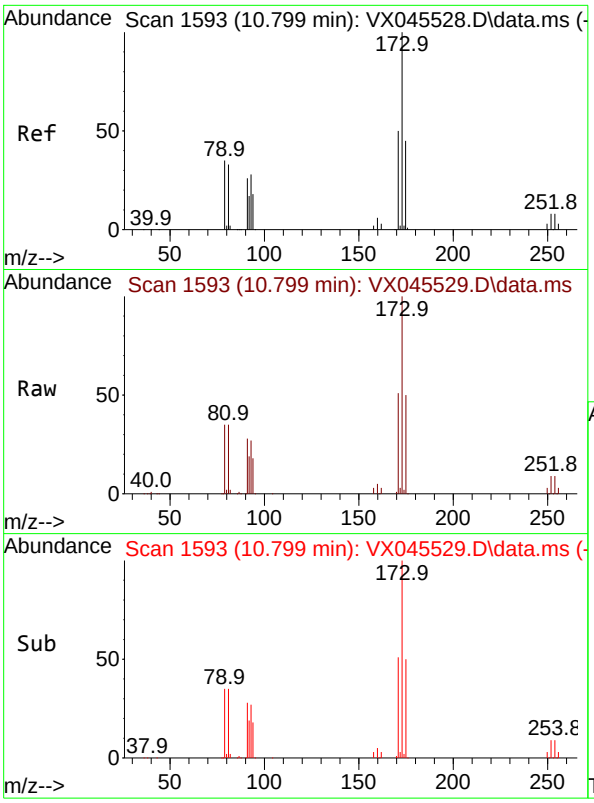


#70
Styrene
Concen: 108.654 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:104 Resp: 335333

Ion	Ratio	Lower	Upper
104	100		
78	57.0	45.4	68.2
103	54.7	43.8	65.8

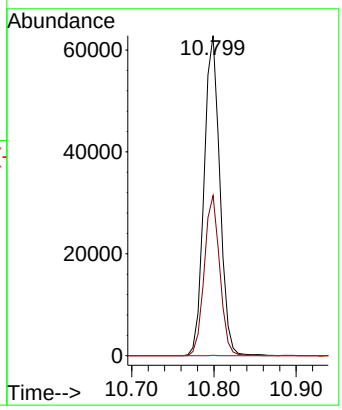




#71
Bromoform
Concen: 110.714 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:173 Resp: 8363

Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.4	70.2
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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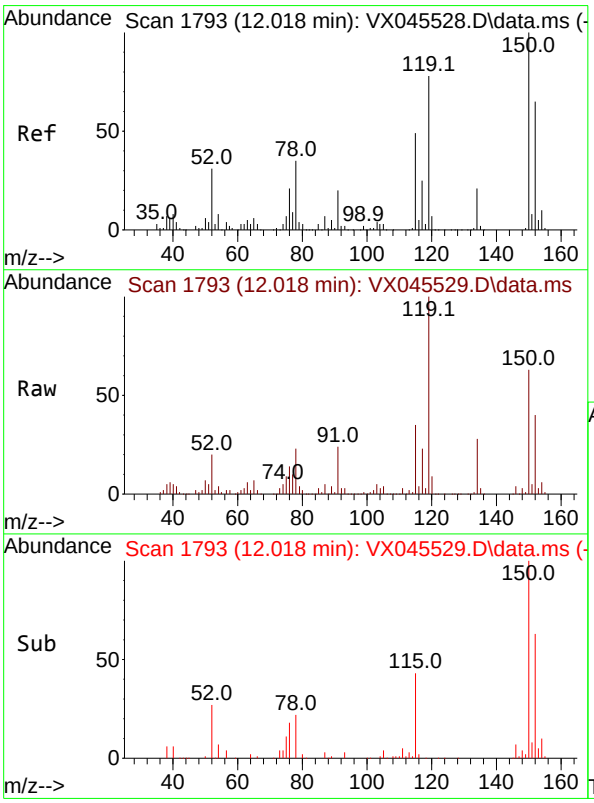
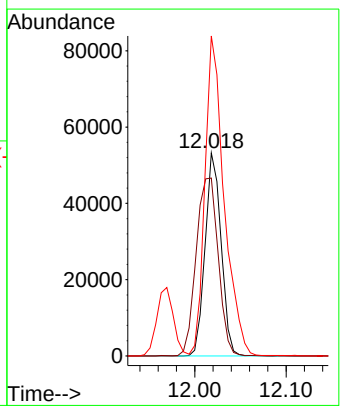
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

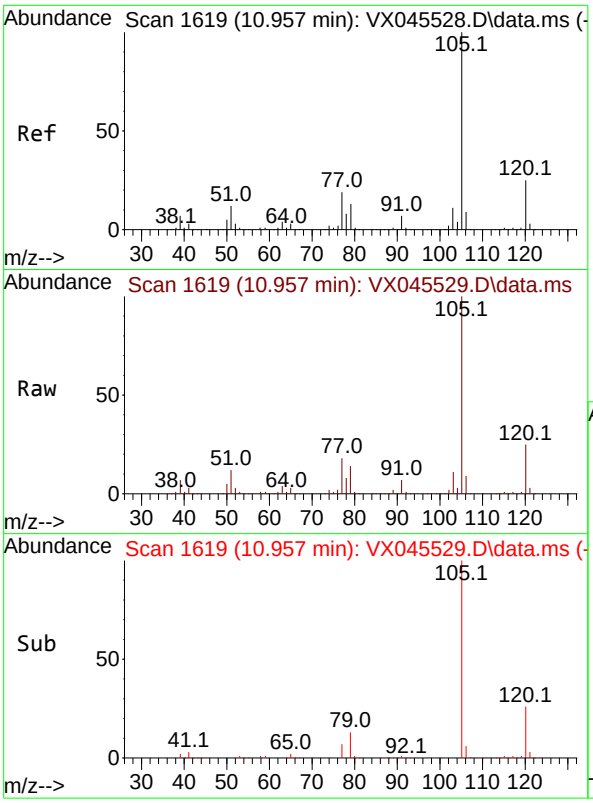


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:152 Resp: 64612

Ion	Ratio	Lower	Upper
152	100		
115	121.0	46.9	140.7
150	188.4	0.0	349.4

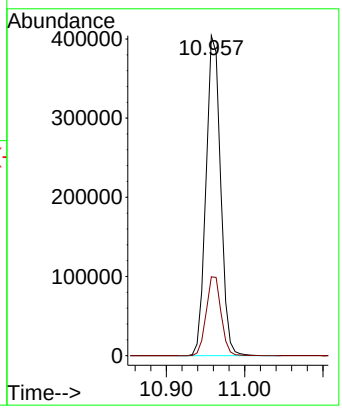




#73
Isopropylbenzene
Concen: 100.944 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:105 Resp: 52243

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.7	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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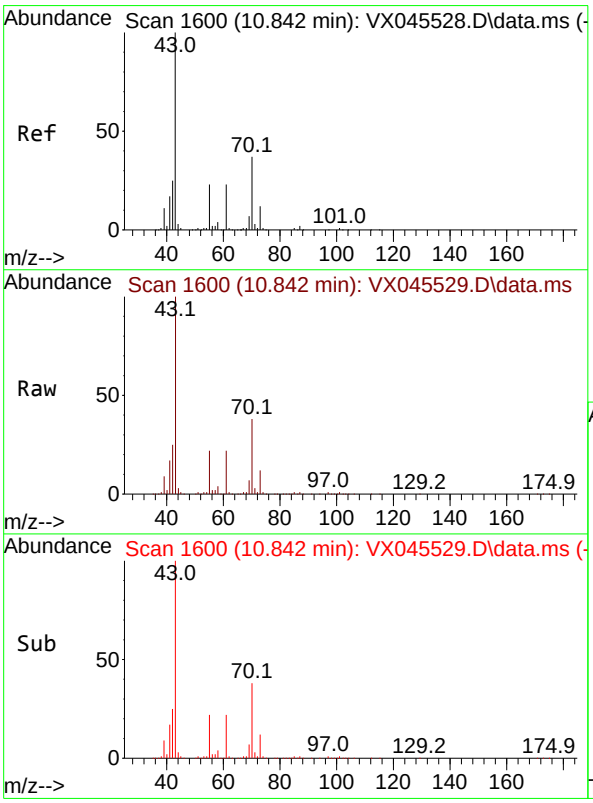
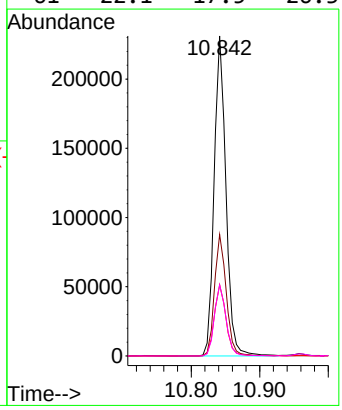
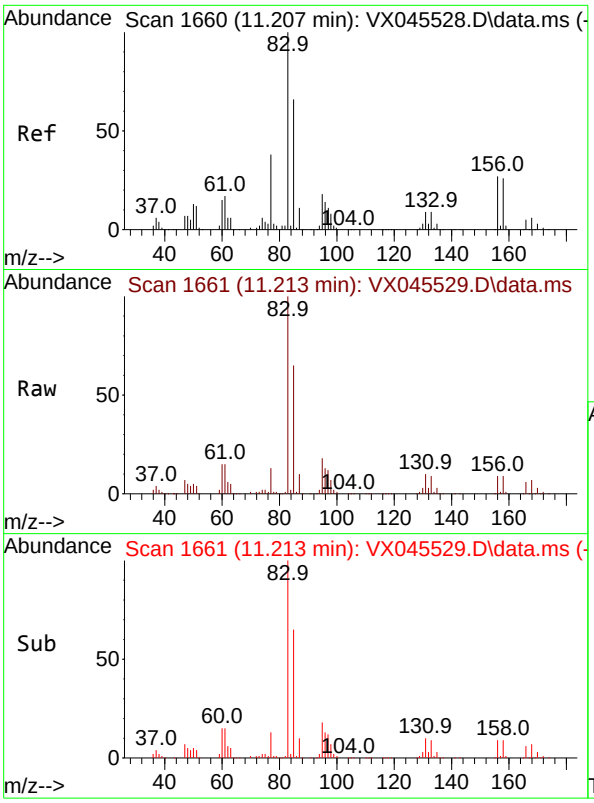


#74
N-amyl acetate
Concen: 111.267 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 43 Resp: 275462

Ion	Ratio	Lower	Upper
43	100		
70	38.1	30.1	45.1
55	22.4	18.3	27.5
61	22.1	17.5	26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 96.243 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 83 Resp: 17497

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.7	14.1
85	64.3	32.4	97.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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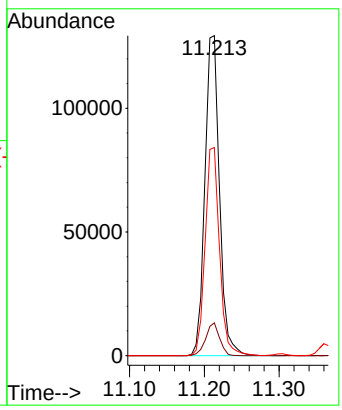
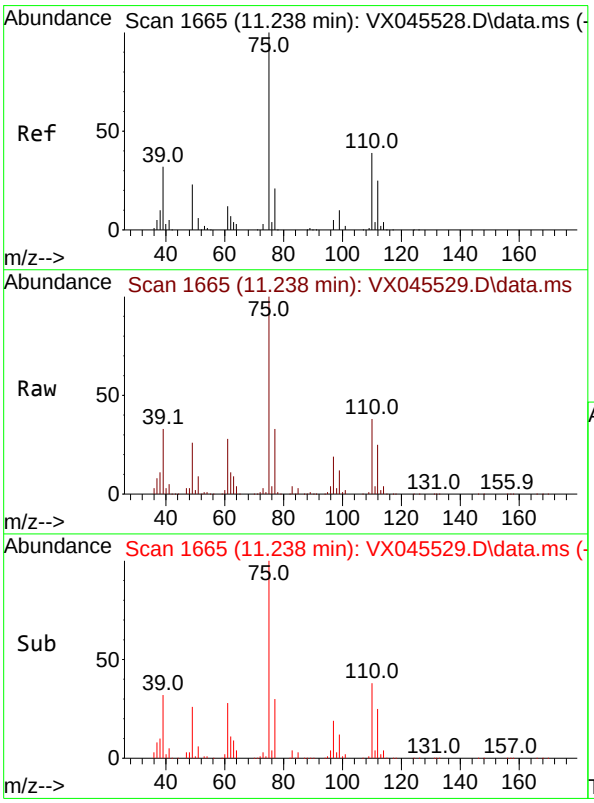
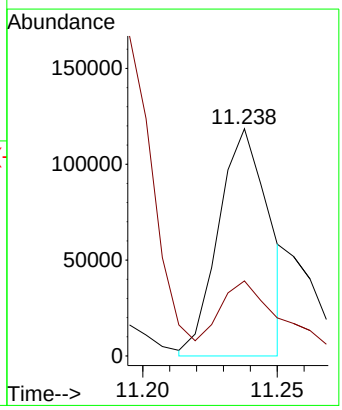


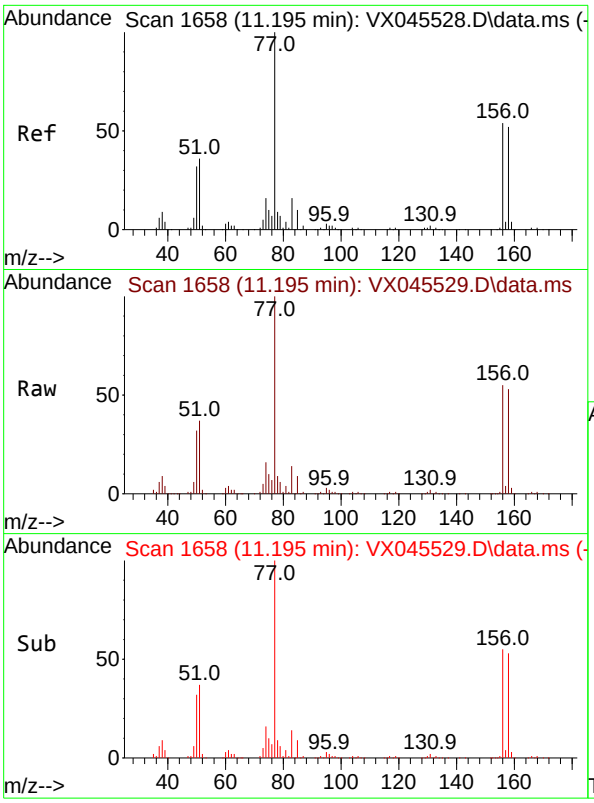


#76
1,2,3-Trichloropropane
Concen: 97.744 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 154048

Ion	Ratio	Lower	Upper
75	100		
77	41.8	20.0	59.9

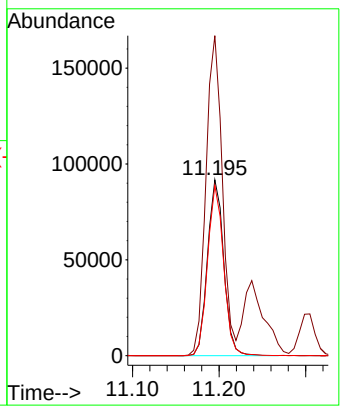




#77
Bromobenzene
Concen: 99.983 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:156 Resp: 11956

Ion	Ratio	Lower	Upper
156	100		
77	183.4	92.6	277.8
158	95.9	48.1	144.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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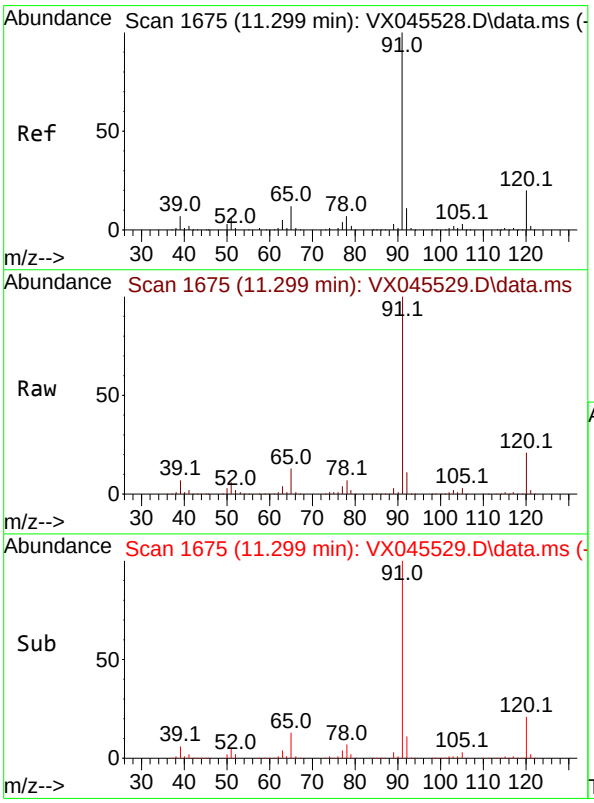
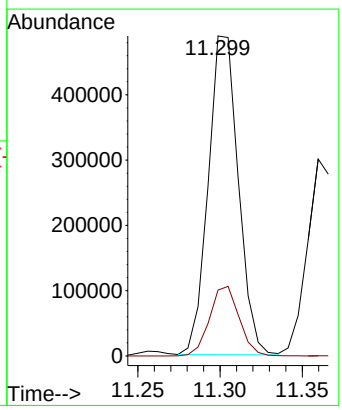
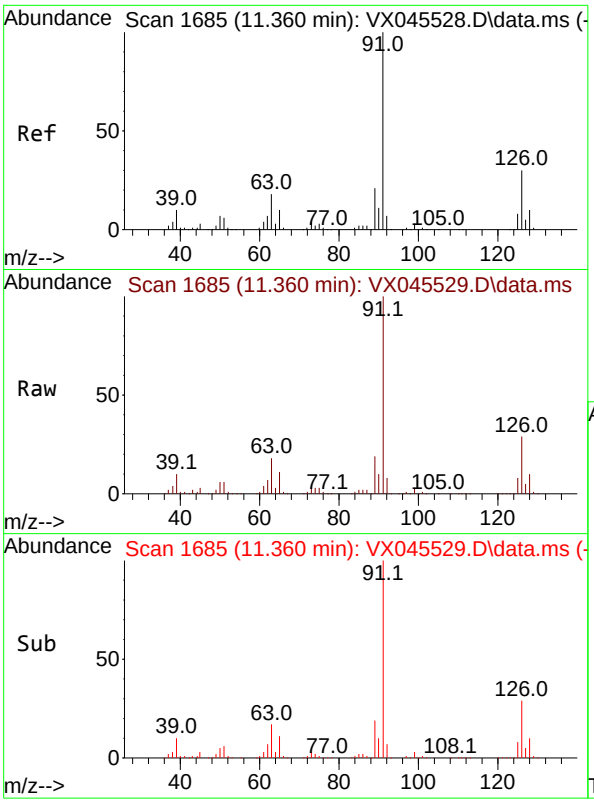


#78
n-propylbenzene
Concen: 104.454 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 91 Resp: 622679

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3





#79
2-Chlorotoluene
Concen: 98.840 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 91 Resp: 37668

Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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Reviewed By :Amit Patel 04/02/2025
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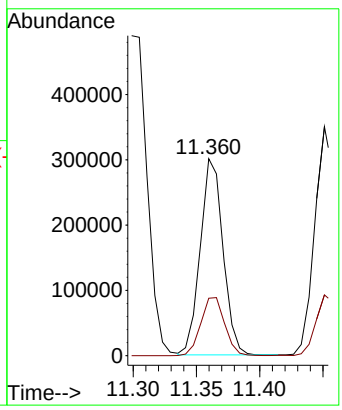
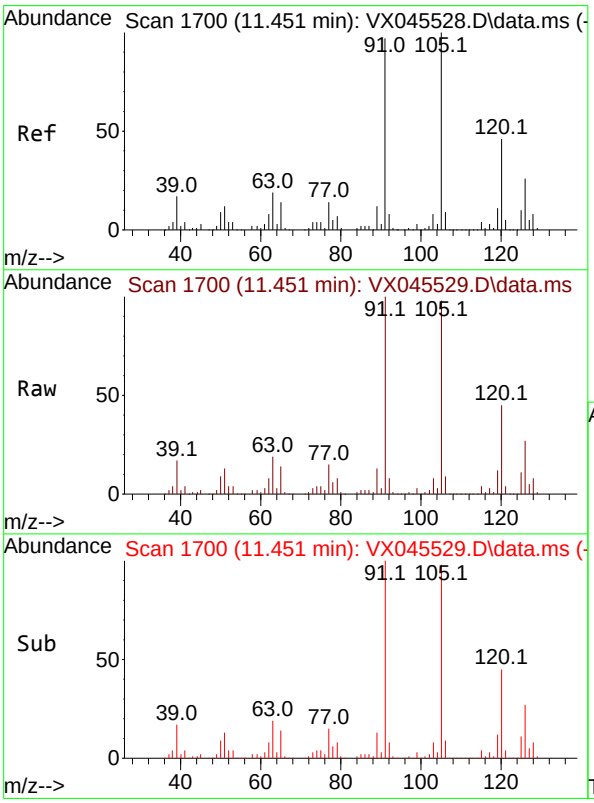
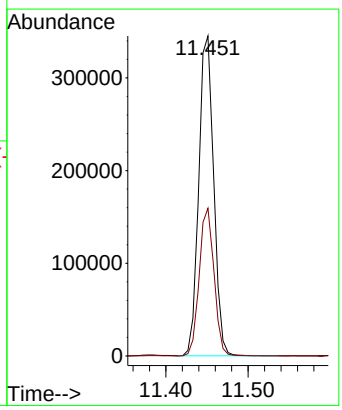


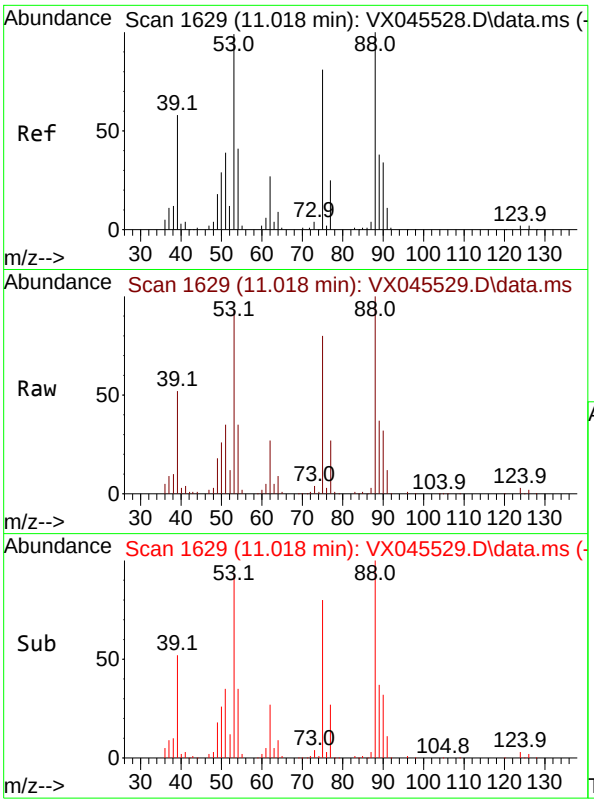


#80
1,3,5-Trimethylbenzene
Concen: 101.675 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:105 Resp: 435137

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.0	69.0

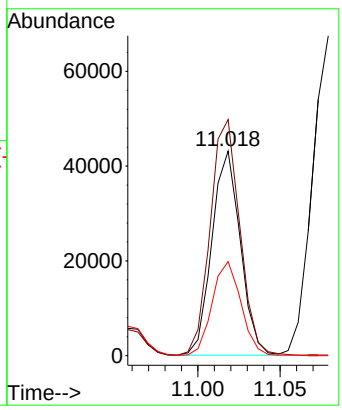




#81
trans-1,4-Dichloro-2-butene
Concen: 111.704 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 5187

Ion	Ratio	Lower	Upper
75	100		
53	119.5	101.8	152.6
89	46.9	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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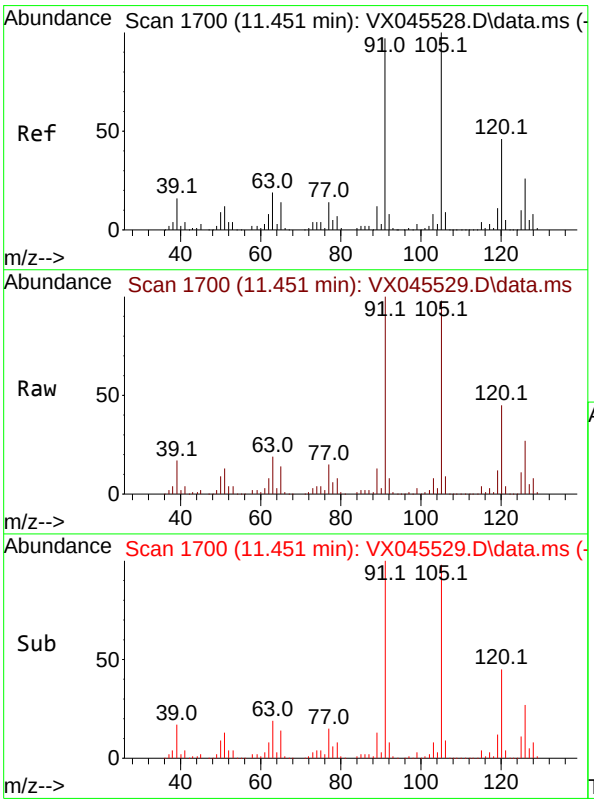
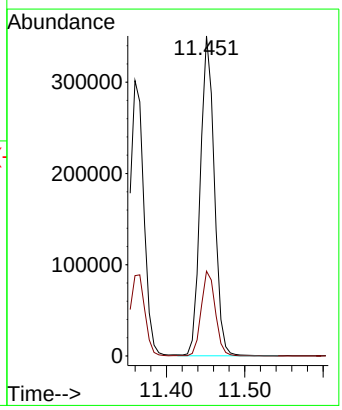
Supervised By :Mahesh Dadoda 04/02/2025

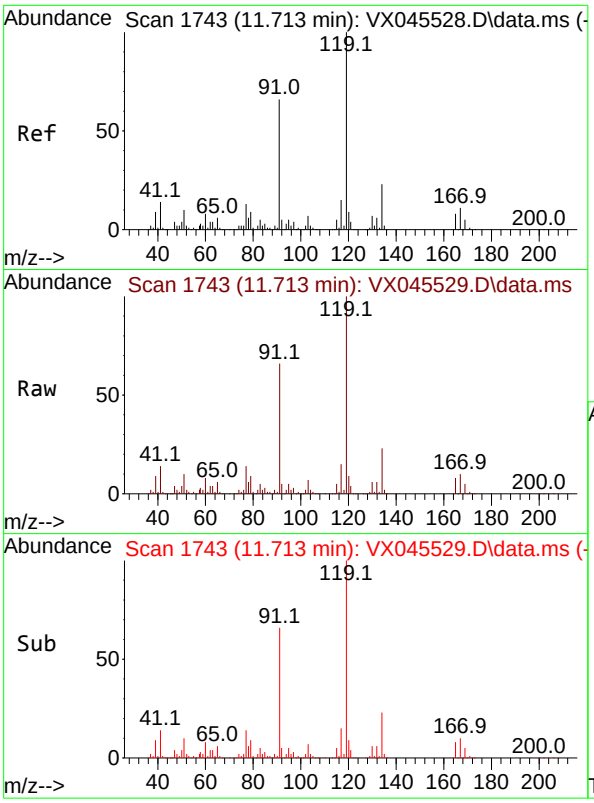


#82
4-Chlorotoluene
Concen: 101.877 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 91 Resp: 432884

Ion	Ratio	Lower	Upper
91	100		
126	26.9	13.3	39.9

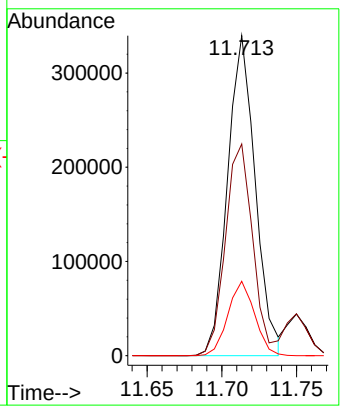




#83
tert-Butylbenzene
Concen: 103.292 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:119 Resp: 43764

Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.4	97.2
134	22.4	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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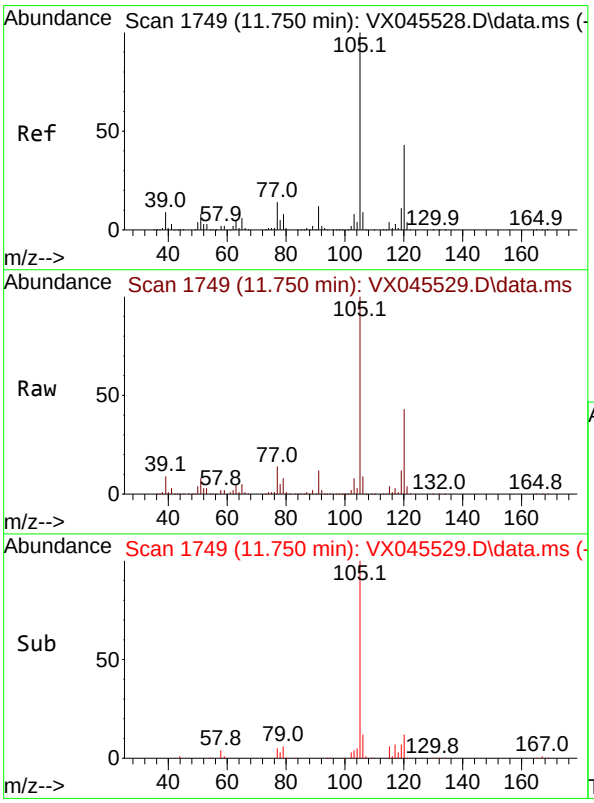
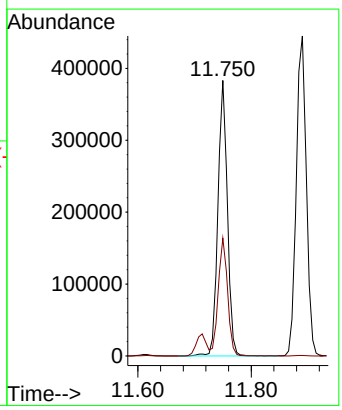
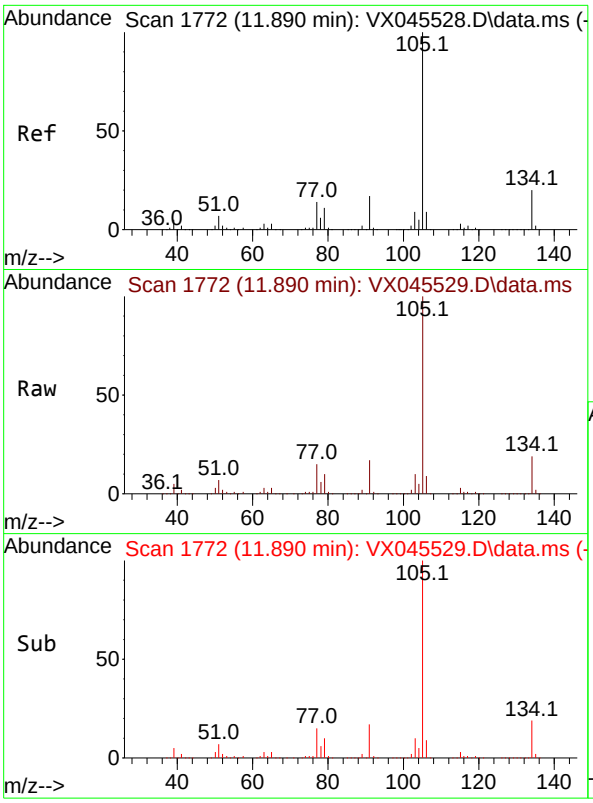


#84
1,2,4-Trimethylbenzene
Concen: 103.414 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:105 Resp: 444211

Ion	Ratio	Lower	Upper
105	100		
120	42.4	21.4	64.3

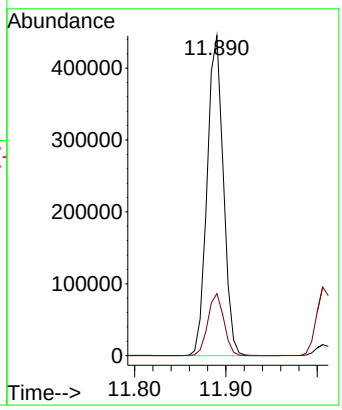




#85
sec-Butylbenzene
Concen: 105.082 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:105 Resp: 54685

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.6	28.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

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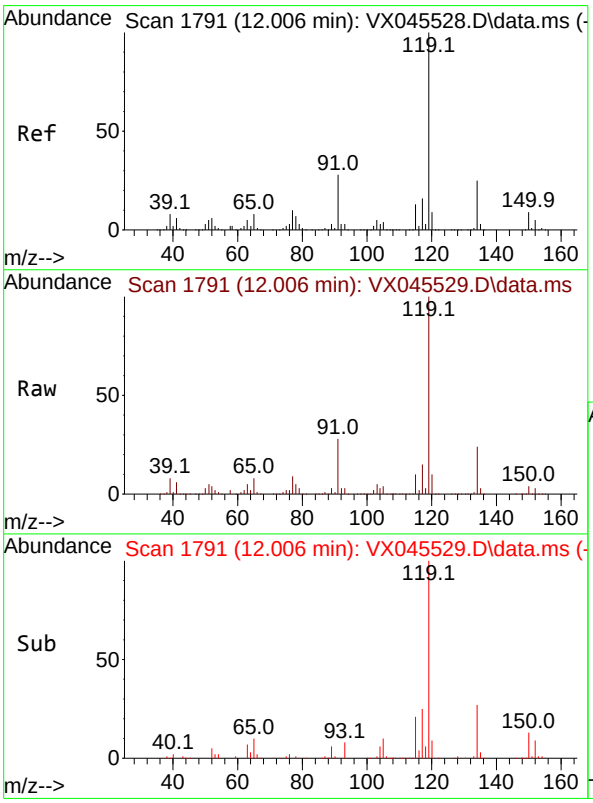
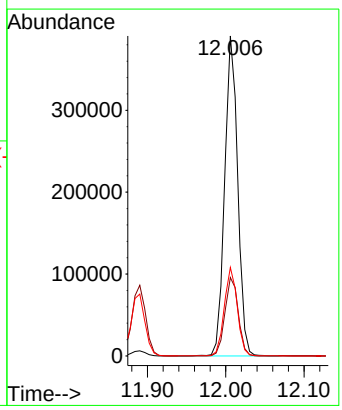
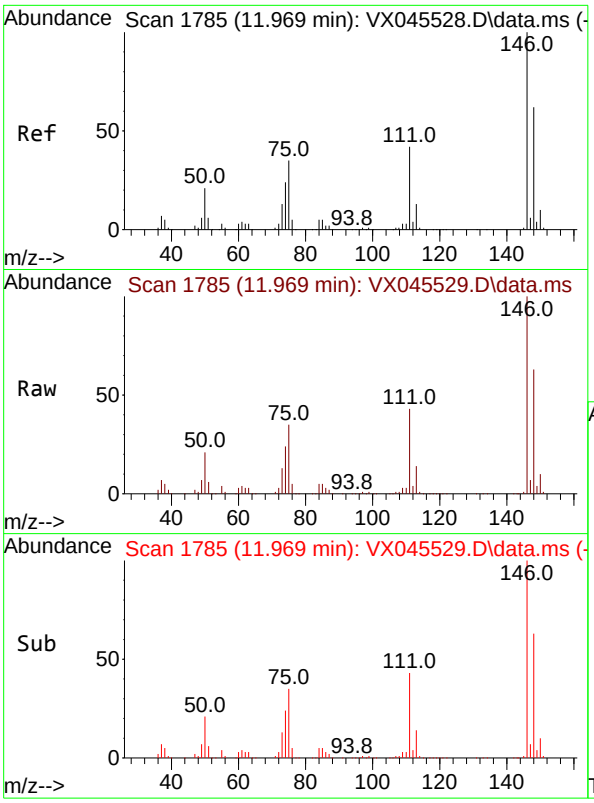


#86
p-Isopropyltoluene
Concen: 105.609 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:119 Resp: 453109

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.8
91	27.4	13.7	41.1

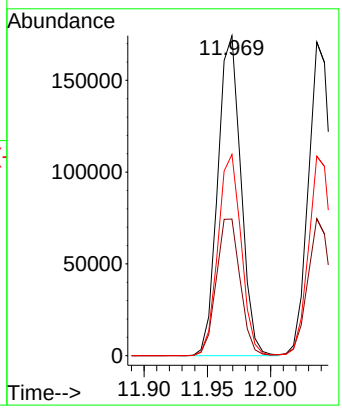




#87
1,3-Dichlorobenzene
Concen: 101.749 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:146 Resp: 22148

Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	63.1	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
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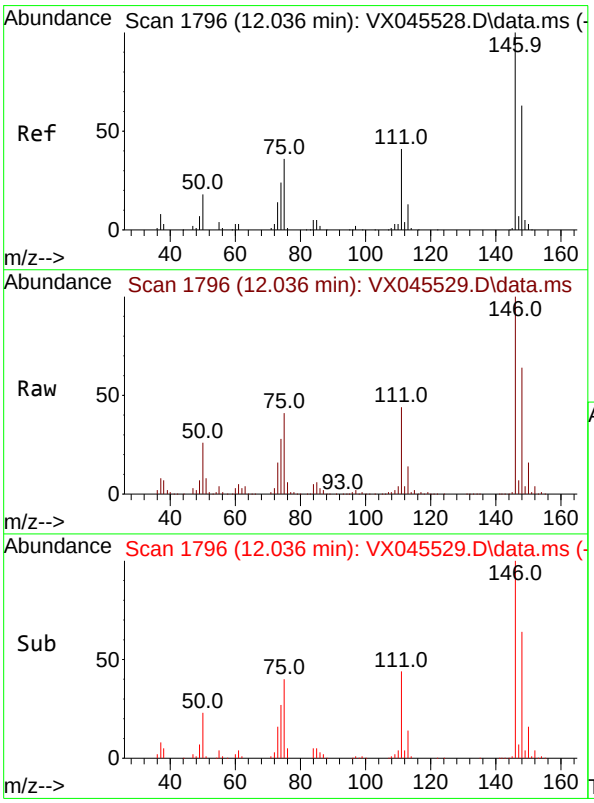
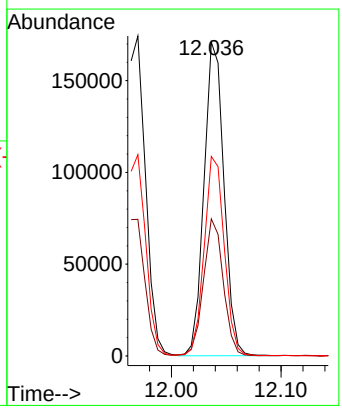
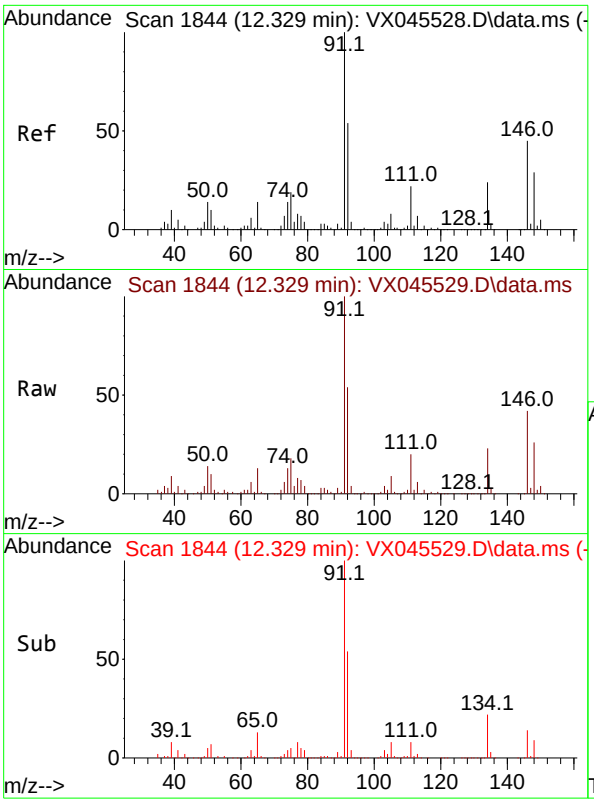


#88
1,4-Dichlorobenzene
Concen: 98.047 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:146 Resp: 216367

Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.9	62.8
148	64.0	31.5	94.5

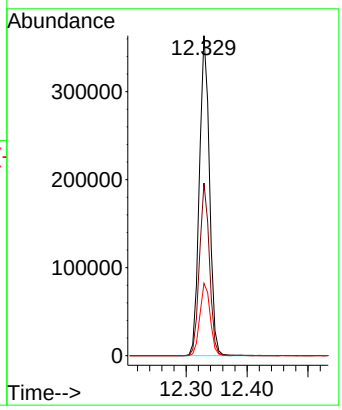




#89
n-Butylbenzene
Concen: 113.075 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 91 Resp: 42069

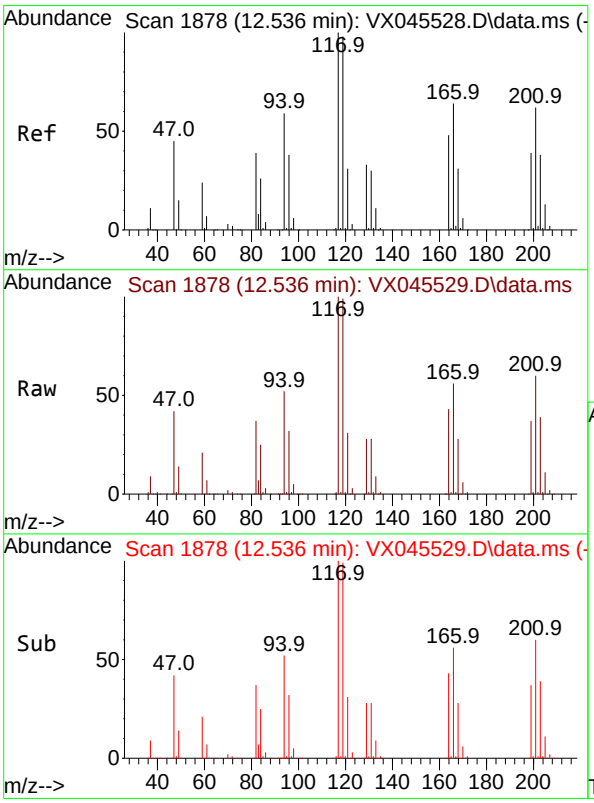
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.6
134	23.1	11.9	35.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

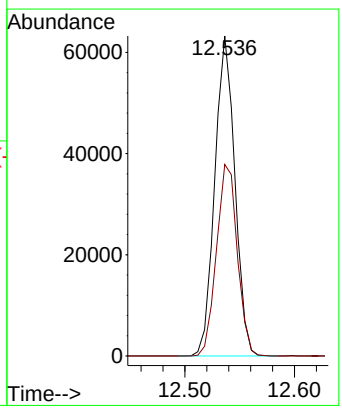
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

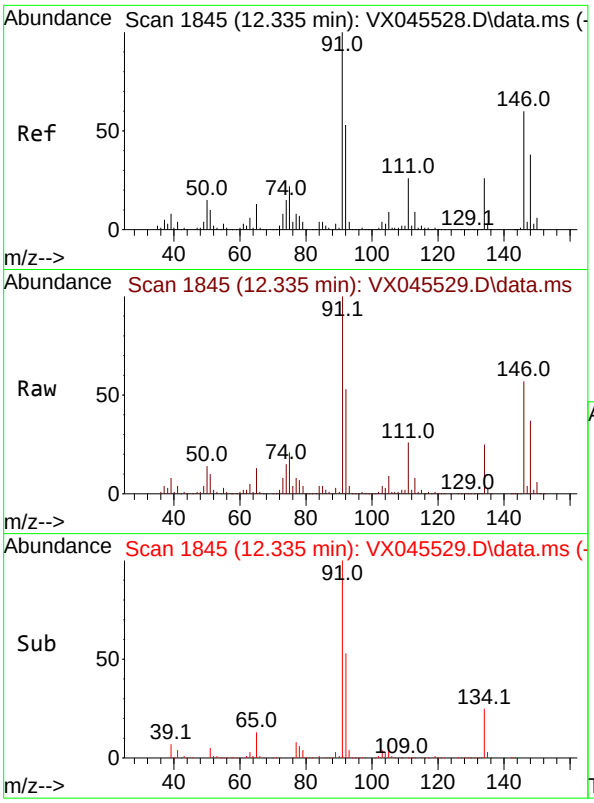


#90
Hexachloroethane
Concen: 109.160 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:117 Resp: 80489

Ion	Ratio	Lower	Upper
117	100		
201	62.1	31.2	93.6

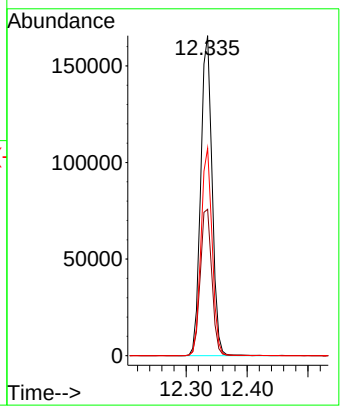




#91
1,2-Dichlorobenzene
Concen: 99.419 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:146 Resp: 21515

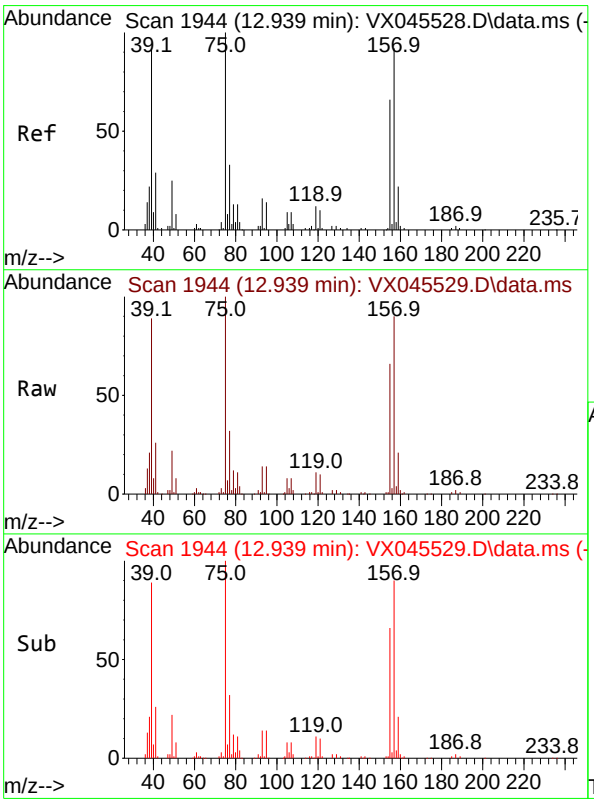
Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.9	68.8
148	63.7	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

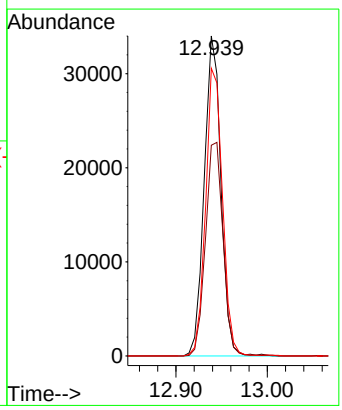
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

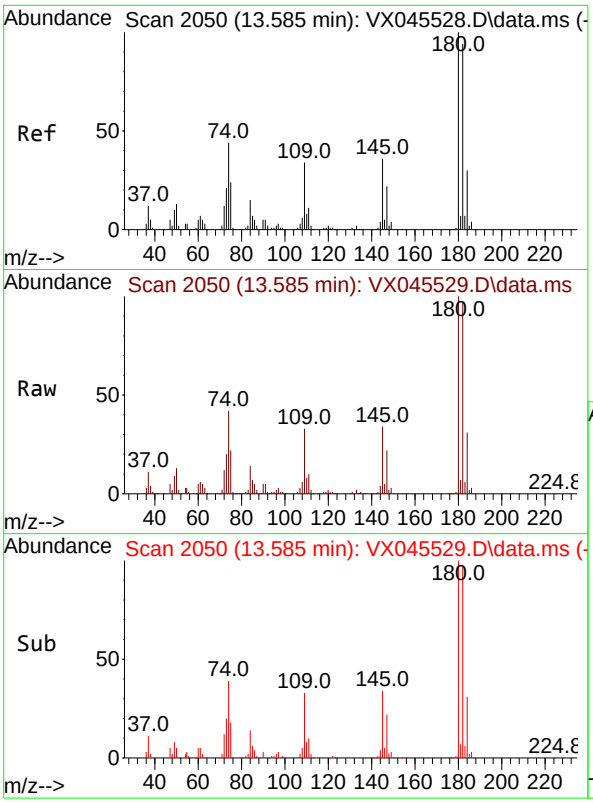


#92
1,2-Dibromo-3-Chloropropane
Concen: 113.214 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion: 75 Resp: 43047

Ion	Ratio	Lower	Upper
75	100		
155	70.2	34.9	104.7
157	90.6	44.9	134.7

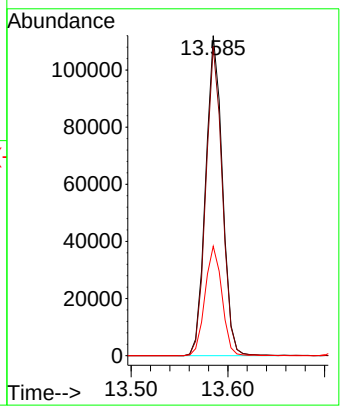




#93
1,2,4-Trichlorobenzene
Concen: 112.106 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:180 Resp: 13504

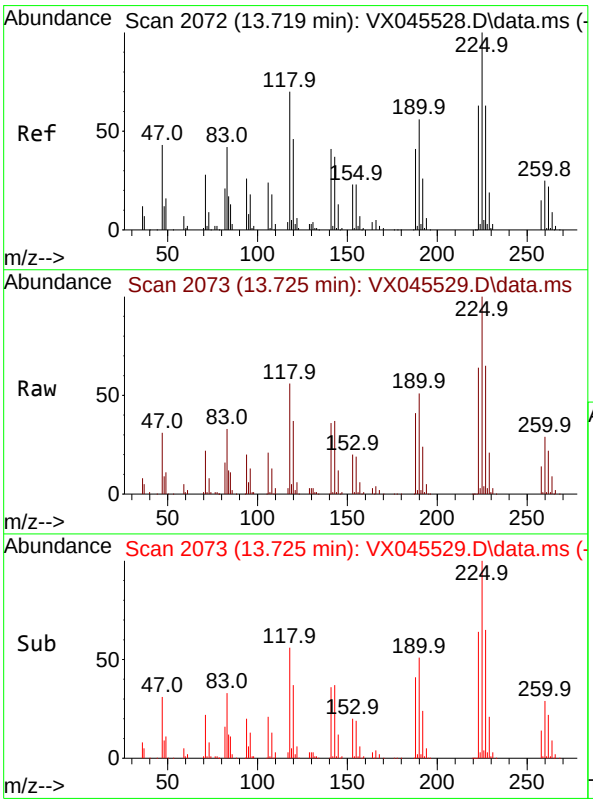
Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.9	143.6
145	34.6	17.9	53.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

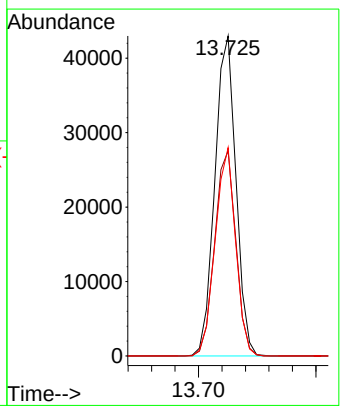
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

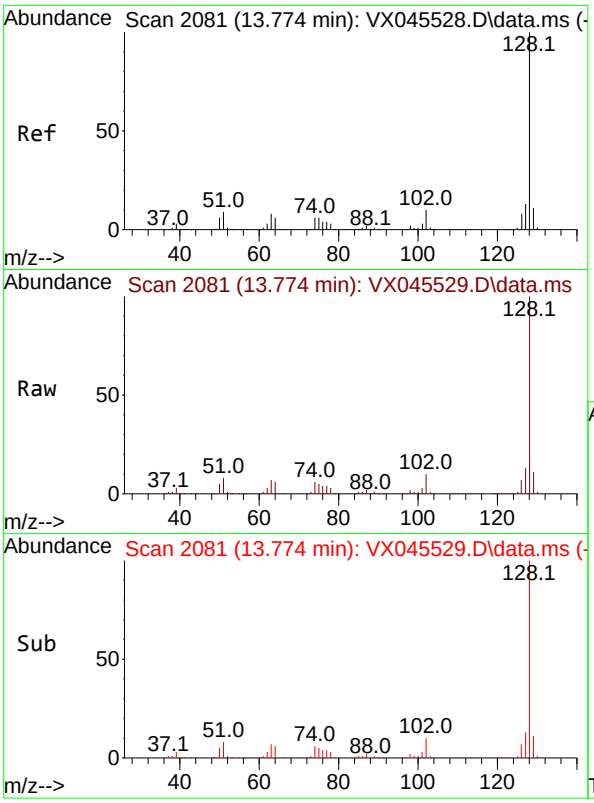


#94
Hexachlorobutadiene
Concen: 103.326 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:225 Resp: 53636

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.1	93.3
227	62.9	32.2	96.6

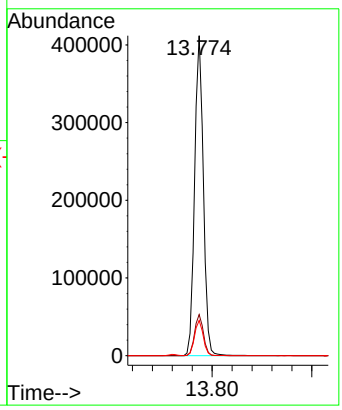




#95
Naphthalene
Concen: 111.473 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:128 Resp: 49971

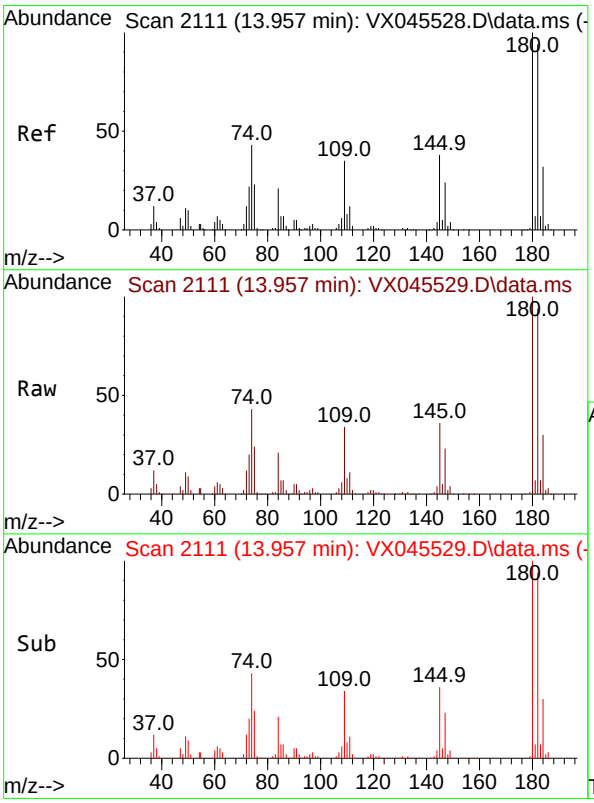
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

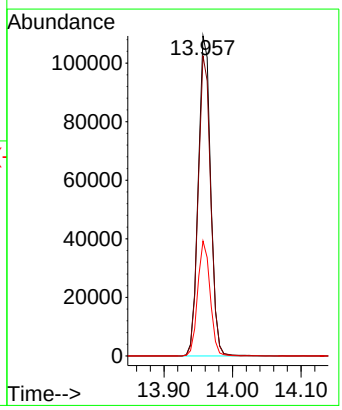
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 108.869 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045529.D
Acq: 01 Apr 2025 18:38

Tgt Ion:180 Resp: 137328

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	36.0	18.2	54.6



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	90033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160037	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61380	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	252998	153.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 307.320%#			
35) Dibromofluoromethane	5.379	113	173598	152.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 305.780%#			
50) Toluene-d8	8.647	98	603264	152.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 304.440%#			
62) 4-Bromofluorobenzene	11.079	95	220921	153.035	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 306.060%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	221436	164.460	ug/l	100
3) Chloromethane	1.307	50	198321	143.373	ug/l	98
4) Vinyl Chloride	1.374	62	197096	155.697	ug/l	100
5) Bromomethane	1.593	94	88225	146.986	ug/l	97
6) Chloroethane	1.660	64	86251	128.421	ug/l	97
7) Trichlorofluoromethane	1.868	101	267098	141.495	ug/l	100
8) Diethyl Ether	2.136	74	96467	152.215	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	171118	154.698	ug/l	97
10) Methyl Iodide	2.441	142	202594	146.838	ug/l	99
11) Tert butyl alcohol	2.989	59	167769	758.202	ug/l	100
12) 1,1-Dichloroethene	2.307	96	166365	153.921	ug/l	97
13) Acrolein	2.239	56	232818	764.070	ug/l	100
14) Allyl chloride	2.654	41	313268	152.755	ug/l	99
15) Acrylonitrile	3.069	53	507965	727.247	ug/l	100
16) Acetone	2.386	43	479564	709.323	ug/l	99
17) Carbon Disulfide	2.502	76	443495	166.133	ug/l	99
18) Methyl Acetate	2.703	43	228558	146.832	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	598532	158.301	ug/l	99
20) Methylene Chloride	2.782	84	186382	147.254	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	170283	154.210	ug/l	98
22) Diisopropyl ether	3.764	45	636728	157.617	ug/l	94
23) Vinyl Acetate	3.721	43	2911326	834.120	ug/l	100
24) 1,1-Dichloroethane	3.605	63	349040	152.778	ug/l	99
25) 2-Butanone	4.556	43	740096	747.834	ug/l	99
26) 2,2-Dichloropropane	4.465	77	252063	170.765	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	205254	152.571	ug/l	98
28) Bromochloromethane	4.891	49	155600	140.938	ug/l	97
29) Tetrahydrofuran	5.001	42	475589	741.226	ug/l	100
30) Chloroform	5.087	83	353681	150.451	ug/l	98
31) Cyclohexane	5.458	56	310219	153.595	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	315136	158.426	ug/l	98
36) 1,1-Dichloropropene	5.684	75	239776	156.399	ug/l	98
37) Ethyl Acetate	4.715	43	294559	152.461	ug/l	99
38) Carbon Tetrachloride	5.672	117	266770	161.005	ug/l	99
39) Methylcyclohexane	7.373	83	303251	161.366	ug/l	96
40) Benzene	6.031	78	703311	150.208	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	164699	160.155	ug/l		98
42) 1,2-Dichloroethane	6.080	62	296168	153.146	ug/l		100
43) Isopropyl Acetate	6.336	43	475823	162.494	ug/l		99
44) Trichloroethene	7.117	130	170940	153.599	ug/l		95
45) 1,2-Dichloropropane	7.428	63	179457	153.610	ug/l		98
46) Dibromomethane	7.574	93	135415	150.996	ug/l		98
47) Bromodichloromethane	7.818	83	279881	156.272	ug/l		98
48) Methyl methacrylate	7.690	41	240818	159.281	ug/l		99
49) 1,4-Dioxane	7.659	88	74929	2739.196	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	1414771	728.817	ug/l		99
52) Toluene	8.714	92	420015	148.245	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	267671	150.589	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	287973	171.104	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	163426	144.752	ug/l		98
56) Ethyl methacrylate	9.116	69	285895	163.624	ug/l		98
57) 1,3-Dichloropropane	9.305	76	288430	146.708	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	703881	796.340	ug/l		99
59) 2-Hexanone	9.433	43	1053971	733.198	ug/l		100
60) Dibromochloromethane	9.519	129	194342	157.895	ug/l		98
61) 1,2-Dibromoethane	9.610	107	174571	152.745	ug/l		99
64) Tetrachloroethene	9.269	164	138926	147.568	ug/l		98
65) Chlorobenzene	10.080	112	444631	156.049	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	156069	157.769	ug/l		99
67) Ethyl Benzene	10.189	91	821130	160.907	ug/l		99
68) m/p-Xylenes	10.299	106	583228	314.231	ug/l		99
69) o-Xylene	10.640	106	285670	156.241	ug/l		100
70) Styrene	10.653	104	480722	159.299	ug/l		99
71) Bromoform	10.799	173	126115	170.743	ug/l	#	98
73) Isopropylbenzene	10.957	105	764406	155.475	ug/l		100
74) N-amyl acetate	10.842	43	408934	173.877	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	249980	144.737	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	215694m	144.064	ug/l		
77) Bromobenzene	11.195	156	171573	151.033	ug/l		99
78) n-propylbenzene	11.305	91	897084	158.408	ug/l		100
79) 2-Chlorotoluene	11.360	91	537263	148.399	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	620819	152.700	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	78805	178.636	ug/l		93
82) 4-Chlorotoluene	11.451	91	615594	152.505	ug/l		99
83) tert-Butylbenzene	11.713	119	627039	155.783	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	629704	154.317	ug/l		100
85) sec-Butylbenzene	11.890	105	790355	159.869	ug/l		100
86) p-Isopropyltoluene	12.006	119	641521	157.397	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	314077	151.885	ug/l		100
88) 1,4-Dichlorobenzene	12.037	146	314197	149.876	ug/l		99
89) n-Butylbenzene	12.329	91	604445	171.019	ug/l		100
90) Hexachloroethane	12.536	117	121761	173.829	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	307031	149.342	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	64317	178.062	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	199365	174.213	ug/l		99
94) Hexachlorobutadiene	13.725	225	77792	157.752	ug/l		99
95) Naphthalene	13.774	128	733300	172.191	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	201989	168.562	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
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 :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

ICAL Form

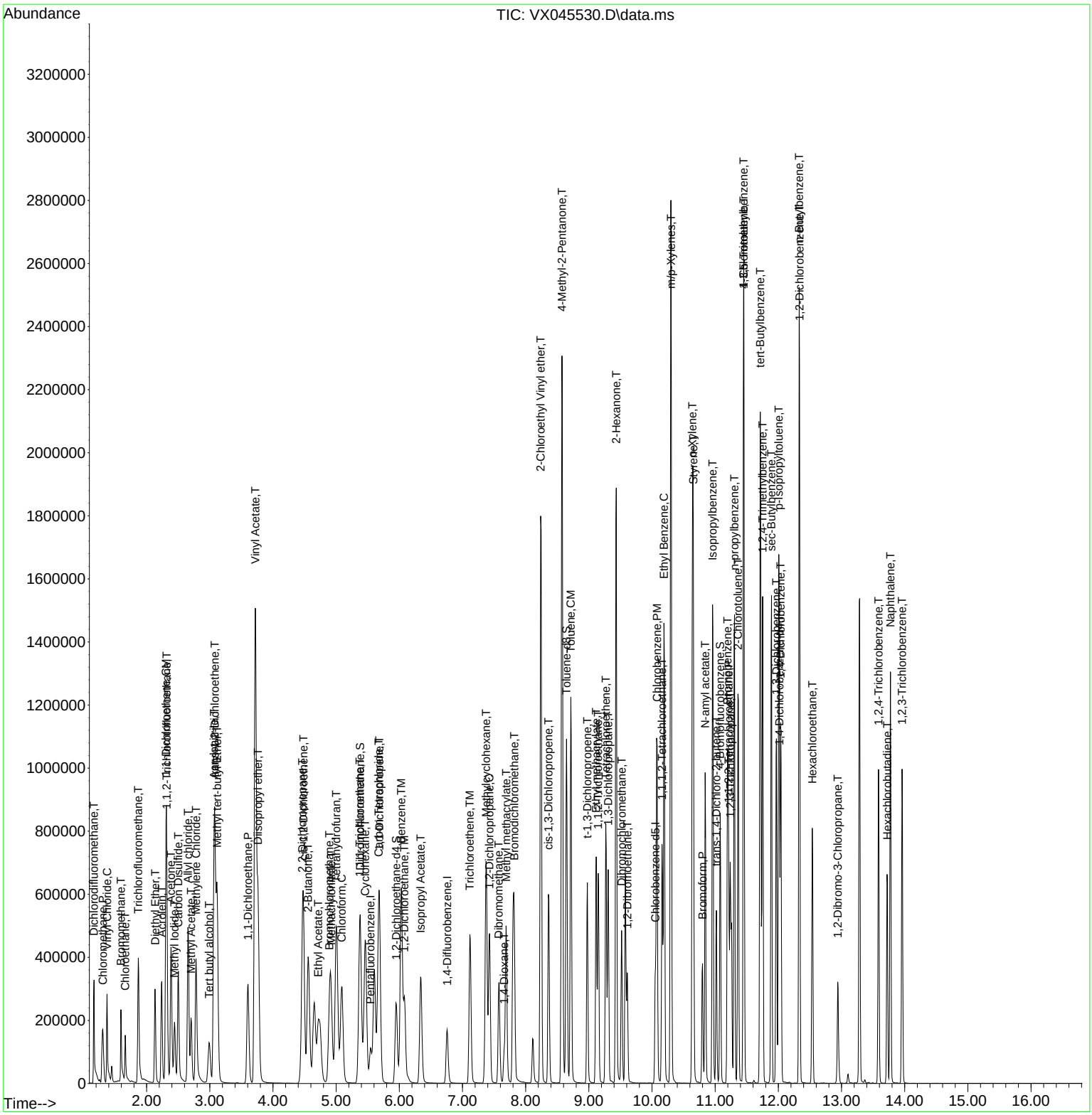
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045530.D
Acq On : 01 Apr 2025 19:02
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

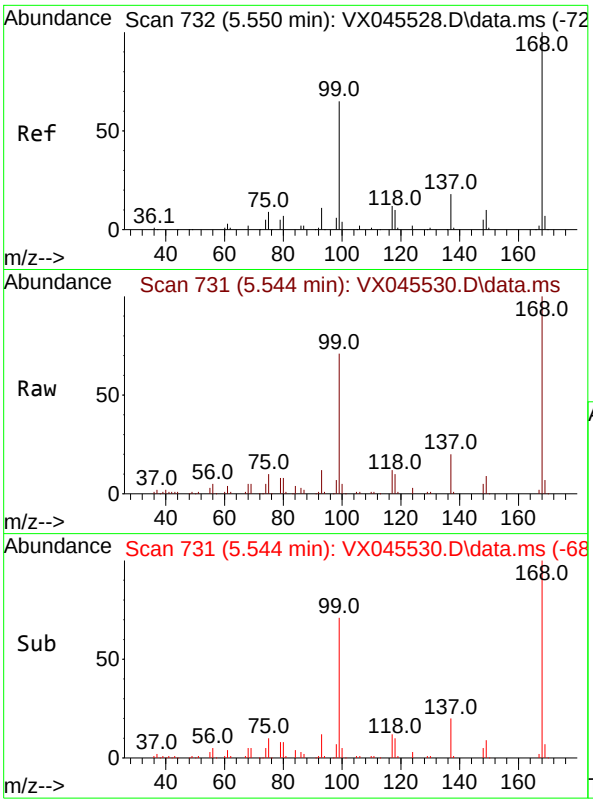
Quant Time: Apr 02 02:54:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 02:44:48 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

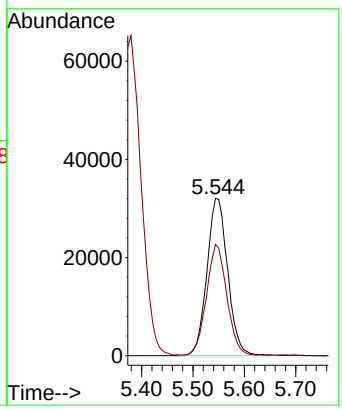




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:168 Resp: 9003

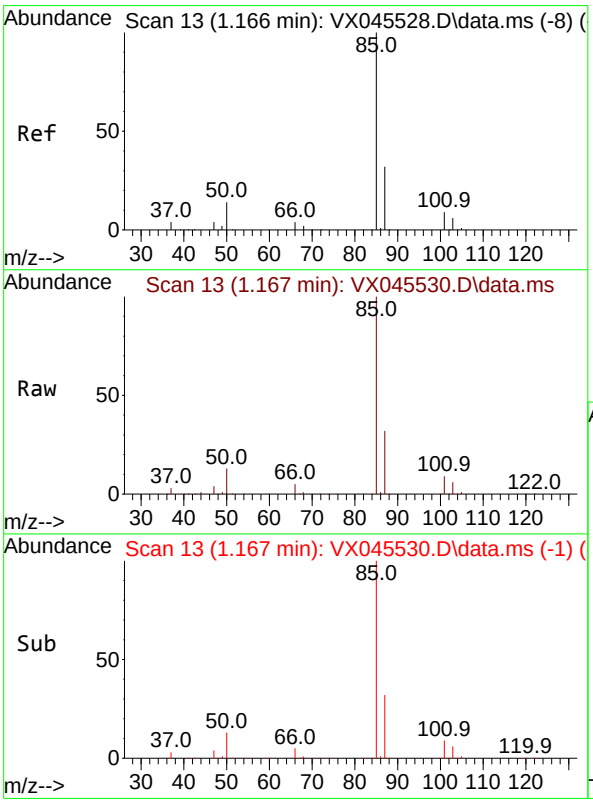
Ion	Ratio	Lower	Upper
168	100		
99	70.3	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

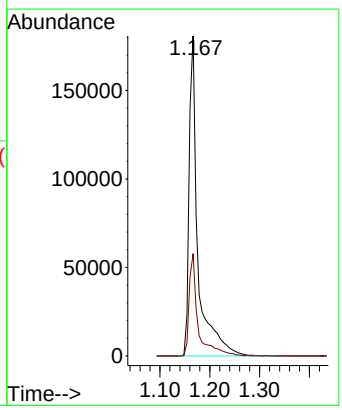
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

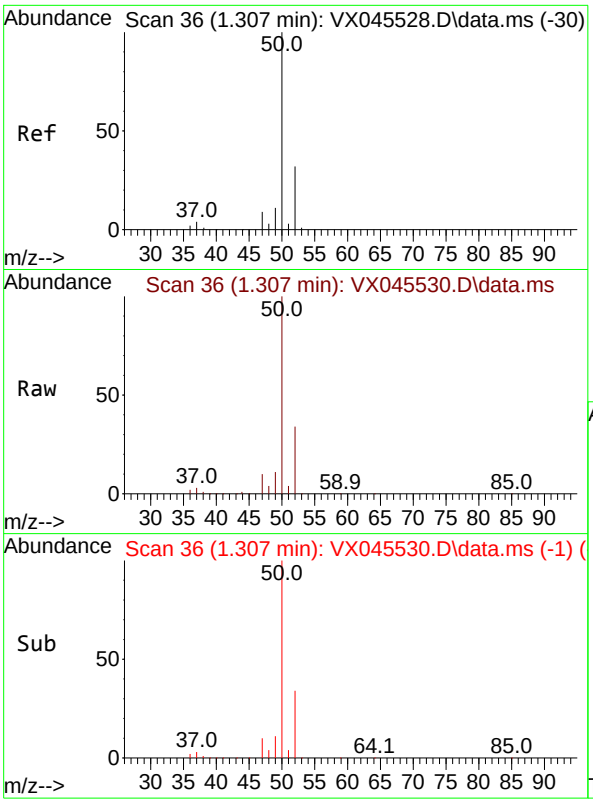


#2
Dichlorodifluoromethane
Concen: 164.460 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 85 Resp: 221436

Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.1	48.2

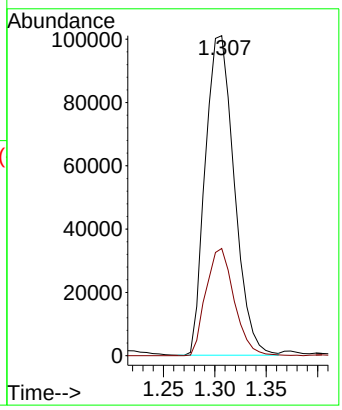




#3
Chloromethane
Concen: 143.373 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 50 Resp: 19832

Ion	Ratio	Lower	Upper
50	100		
52	33.6	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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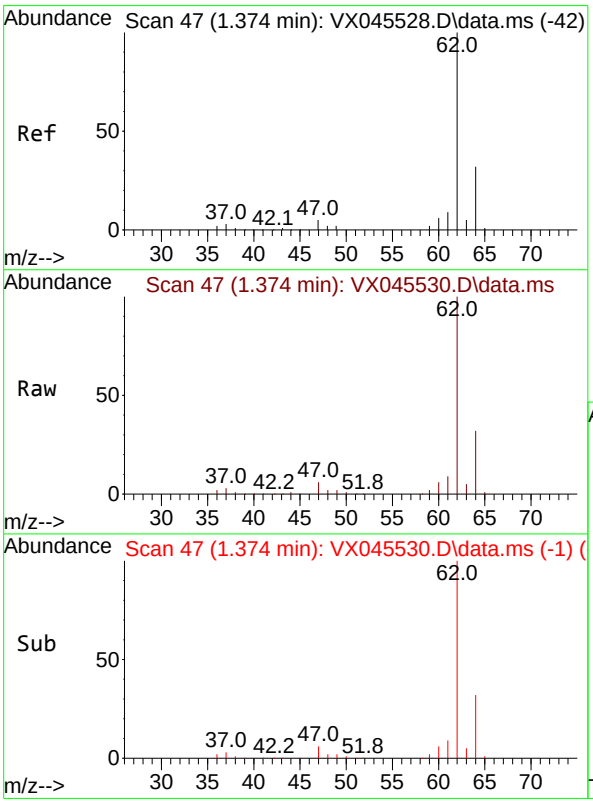
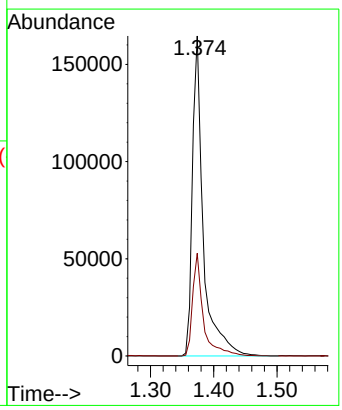
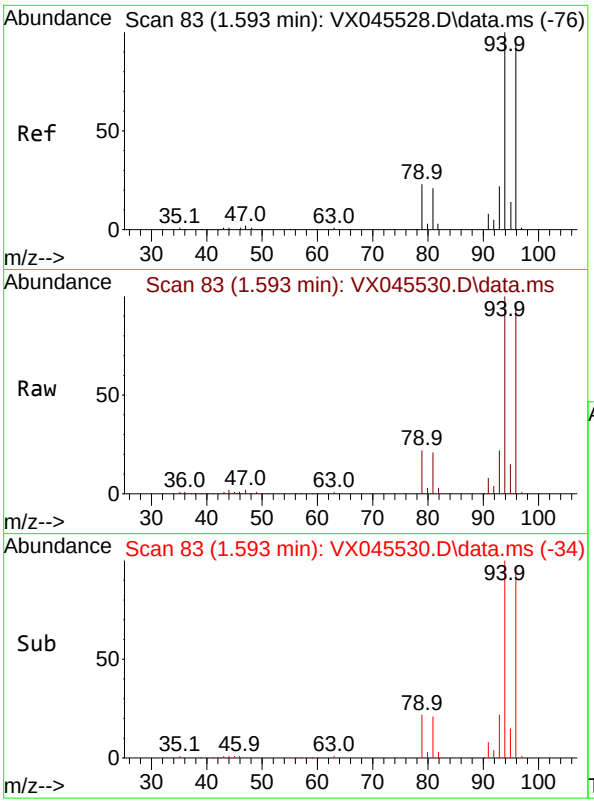


#4
Vinyl Chloride
Concen: 155.697 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 62 Resp: 197096

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.5	38.3

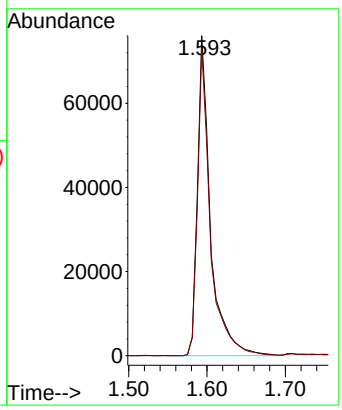




#5
Bromomethane
Concen: 146.986 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 94 Resp: 8822

Ion	Ratio	Lower	Upper
94	100		
96	96.1	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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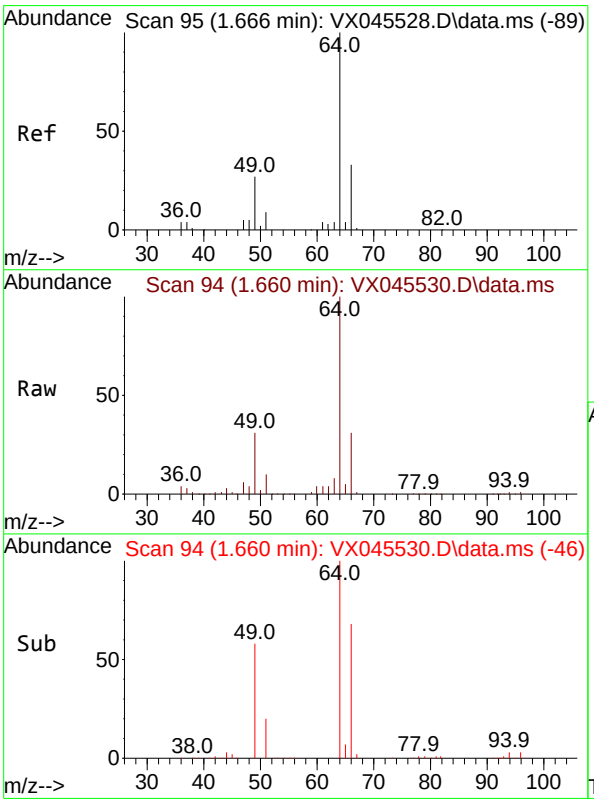
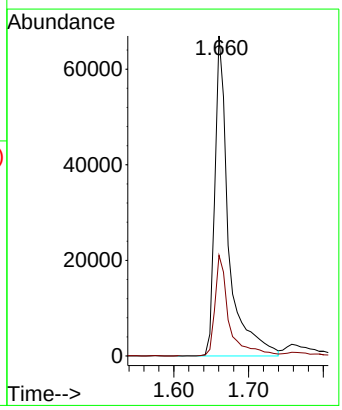
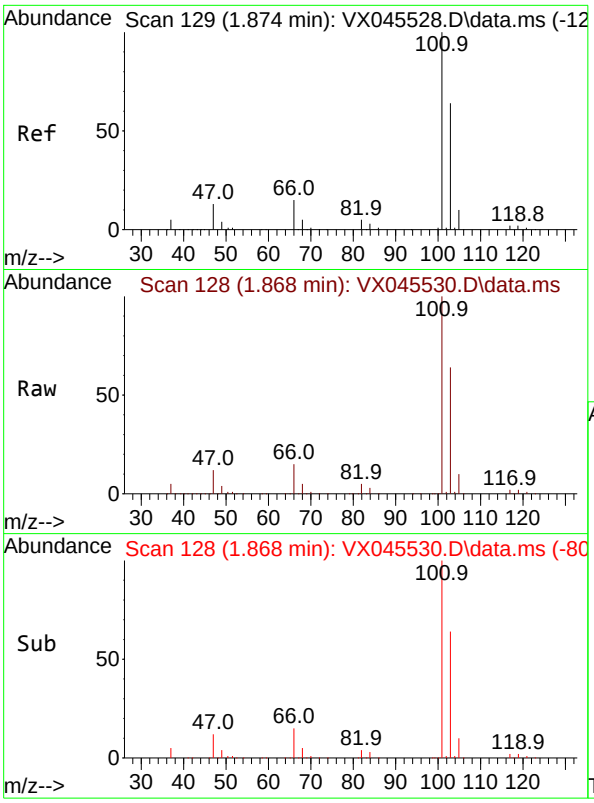


#6
Chloroethane
Concen: 128.421 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 64 Resp: 86251

Ion	Ratio	Lower	Upper
64	100		
66	31.4	26.3	39.5

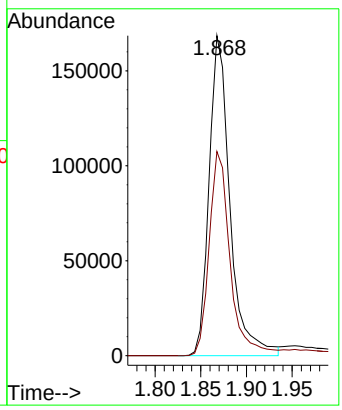




#7
Trichlorofluoromethane
Concen: 141.495 ug/l
RT: 1.868 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:101 Resp: 26709

Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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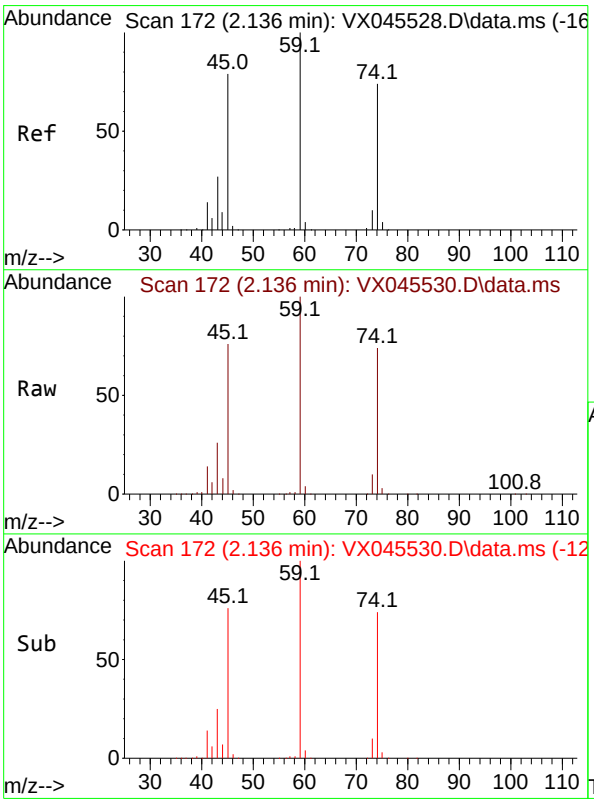
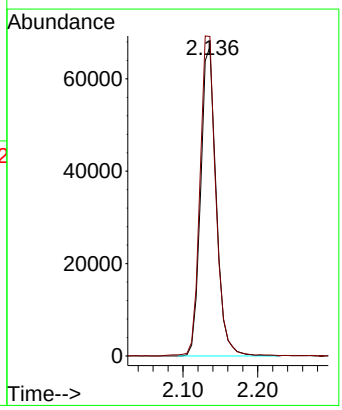
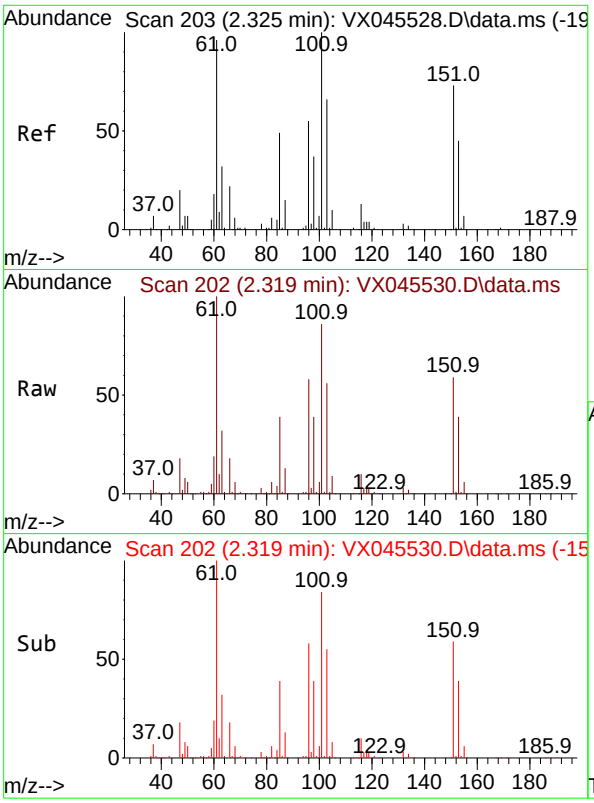


#8
Diethyl Ether
Concen: 152.215 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 74 Resp: 96467

Ion	Ratio	Lower	Upper
74	100		
45	105.8	53.0	159.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 154.698 ug/l
RT: 2.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:101 Resp: 17111

Ion	Ratio	Lower	Upper
101	100		
85	46.9	38.9	58.3
151	69.3	57.5	86.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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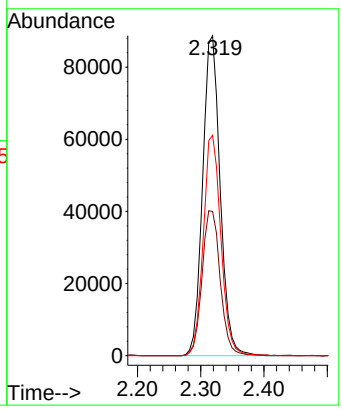
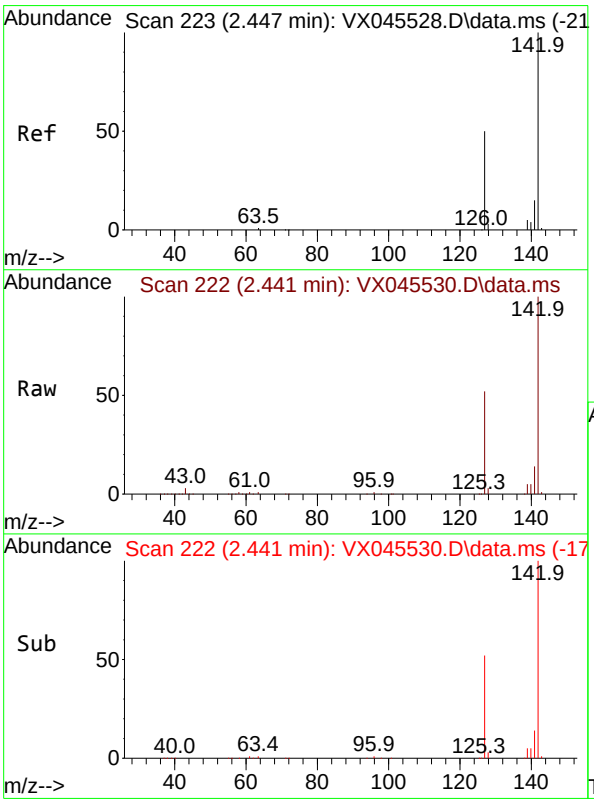
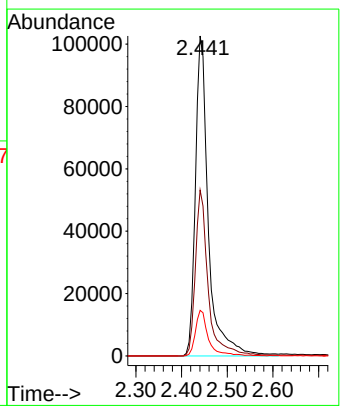


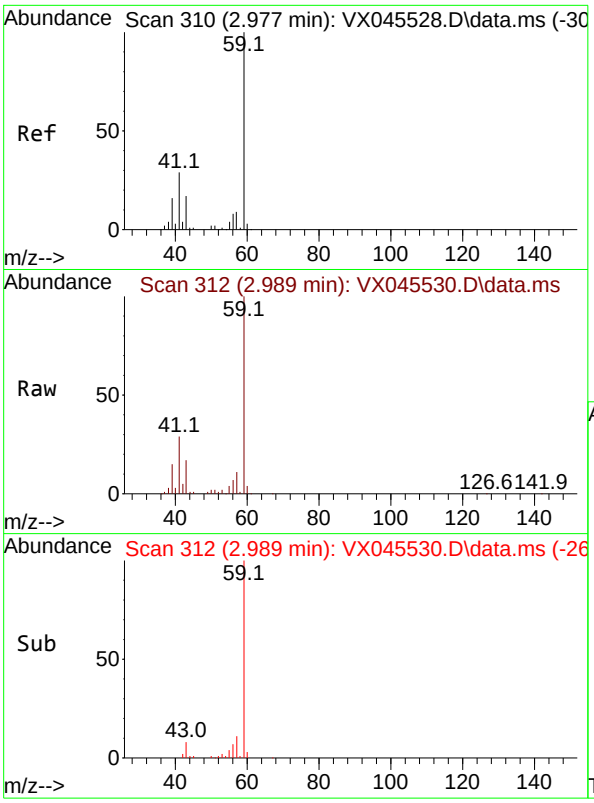


#10
Methyl Iodide
Concen: 146.838 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:142 Resp: 202594

Ion	Ratio	Lower	Upper
142	100		
127	51.2	40.2	60.4
141	14.3	11.7	17.5





#11
Tert butyl alcohol
Concen: 758.202 ug/l
RT: 2.989 min Scan# 3
Delta R.T. 0.012 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 59 Resp: 16776

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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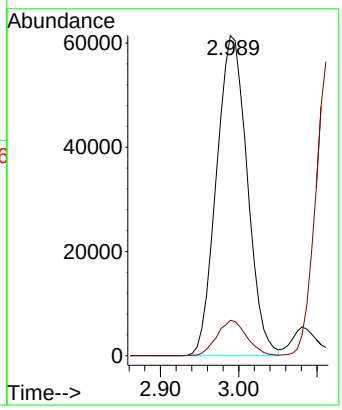
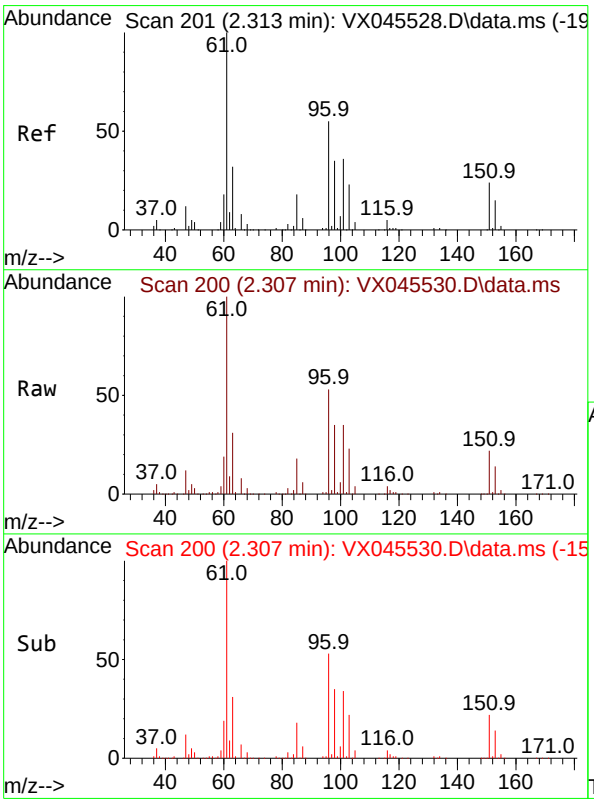
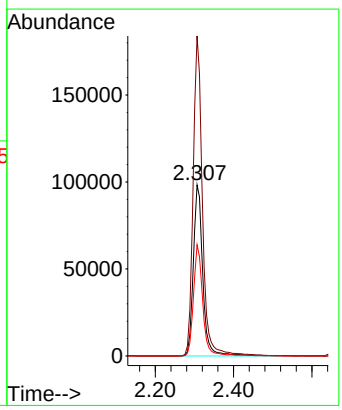


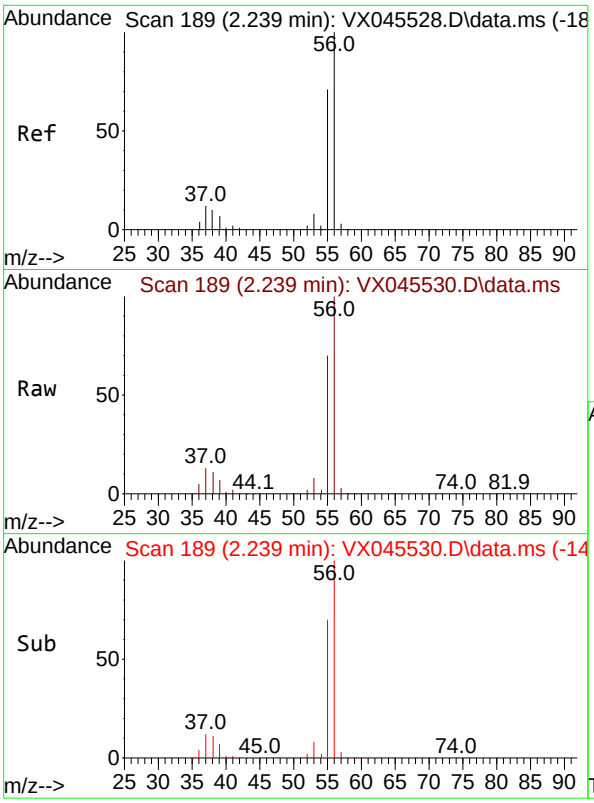


#12
1,1-Dichloroethene
Concen: 153.921 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 96 Resp: 166365

Ion	Ratio	Lower	Upper
96	100		
61	187.0	145.7	218.5
98	65.0	51.6	77.4

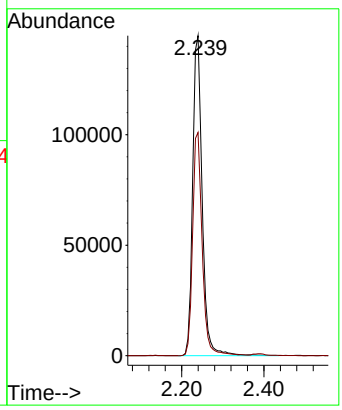




#13
Acrolein
Concen: 764.070 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 56 Resp: 23281

Ion	Ratio	Lower	Upper
56	100		
55	70.2	56.2	84.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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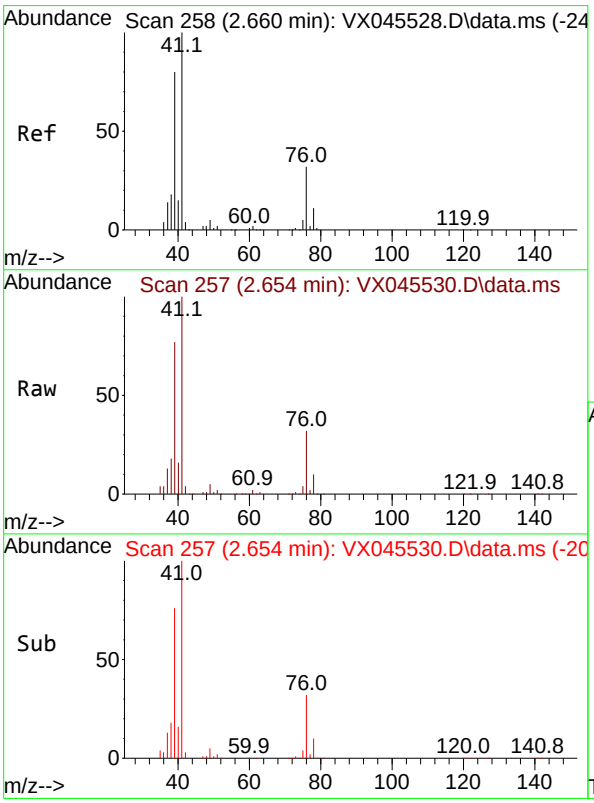
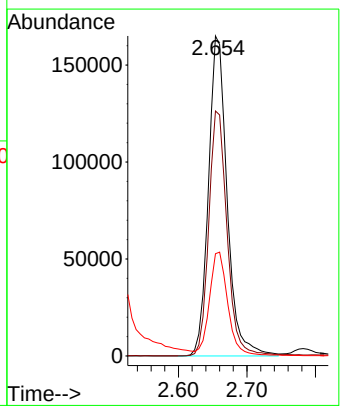
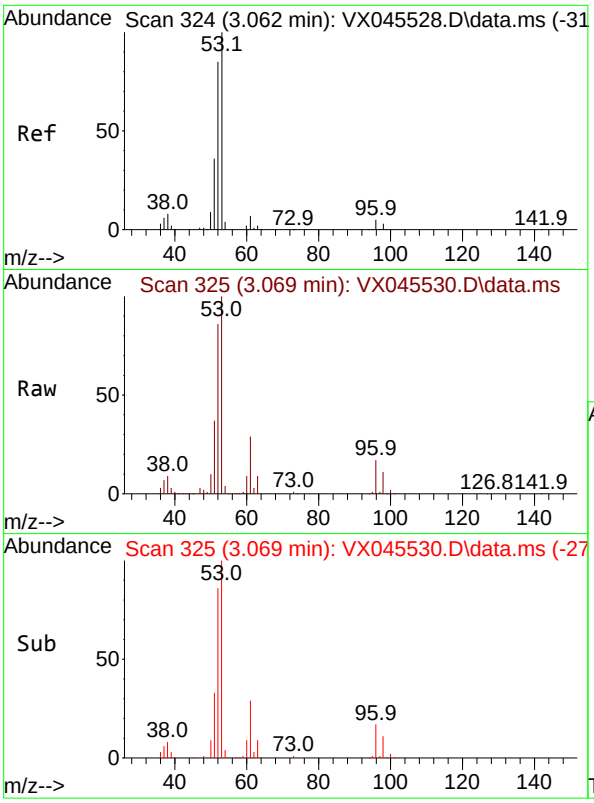


#14
Allyl chloride
Concen: 152.755 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 41 Resp: 313268

Ion	Ratio	Lower	Upper
41	100		
39	75.0	60.2	90.2
76	32.2	24.6	36.8

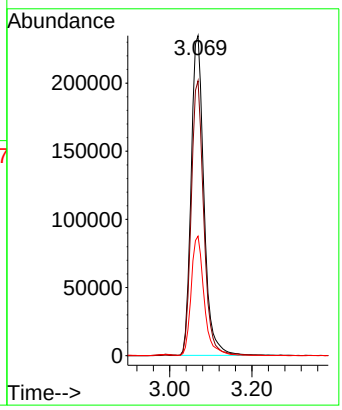




#15
Acrylonitrile
Concen: 727.247 ug/l
RT: 3.069 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 53 Resp: 50796

Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.4	101.2
51	37.7	29.9	44.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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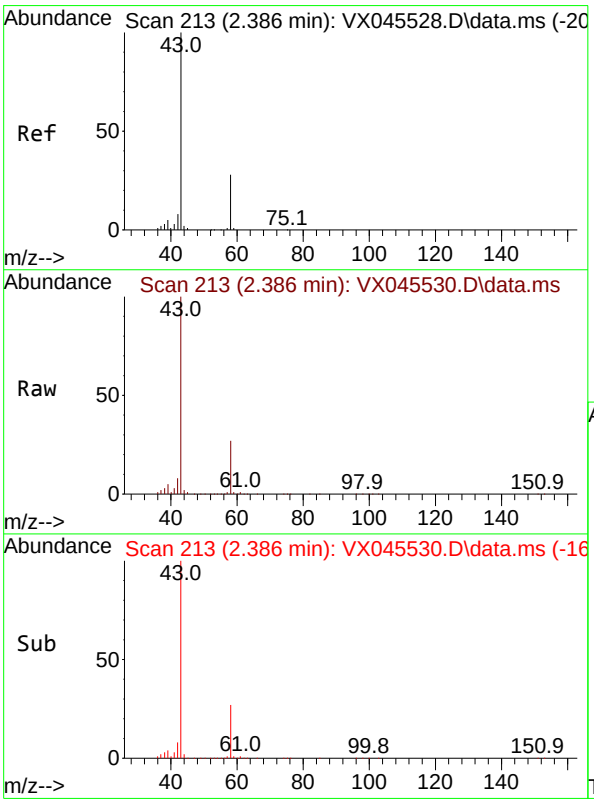
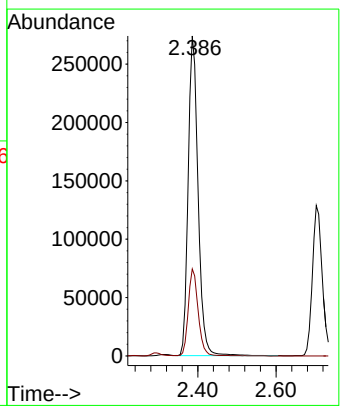
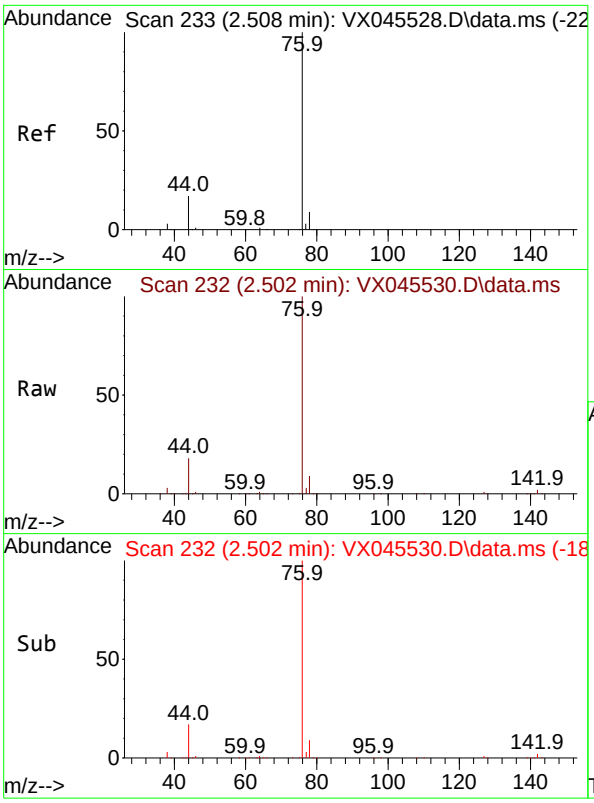


#16
Acetone
Concen: 709.323 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 479564

Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.3	33.5

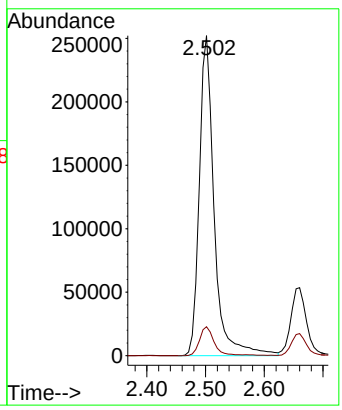




#17
Carbon Disulfide
Concen: 166.133 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 76 Resp: 44349

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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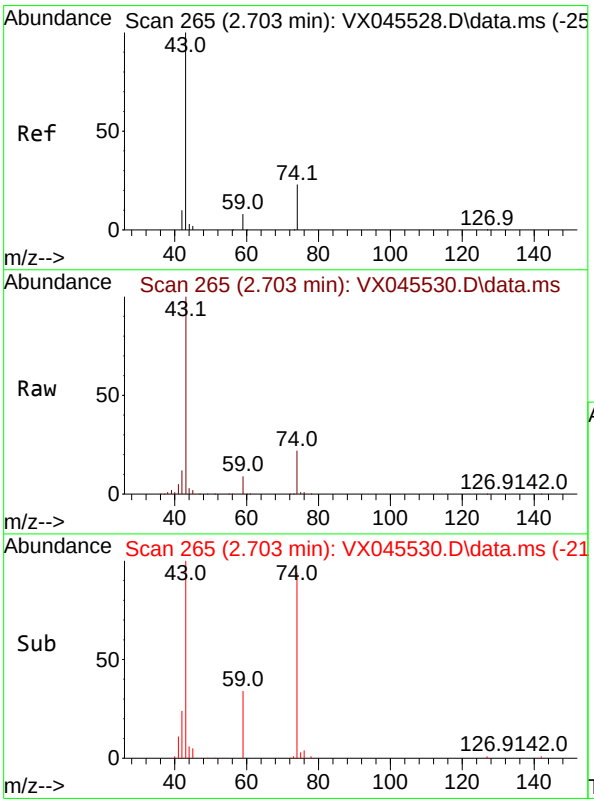
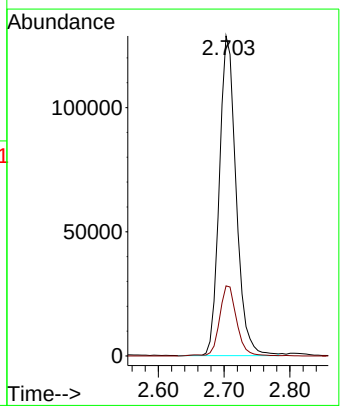
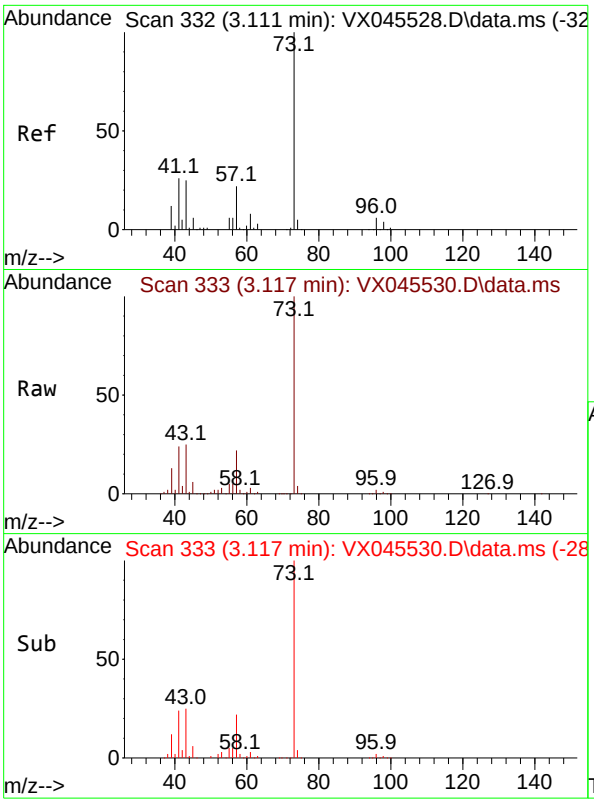


#18
Methyl Acetate
Concen: 146.832 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 228558

Ion	Ratio	Lower	Upper
43	100		
74	22.4	17.5	26.3

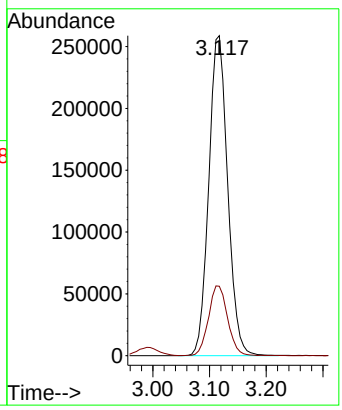




#19
Methyl tert-butyl Ether
Concen: 158.301 ug/l
RT: 3.117 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 73 Resp: 59853

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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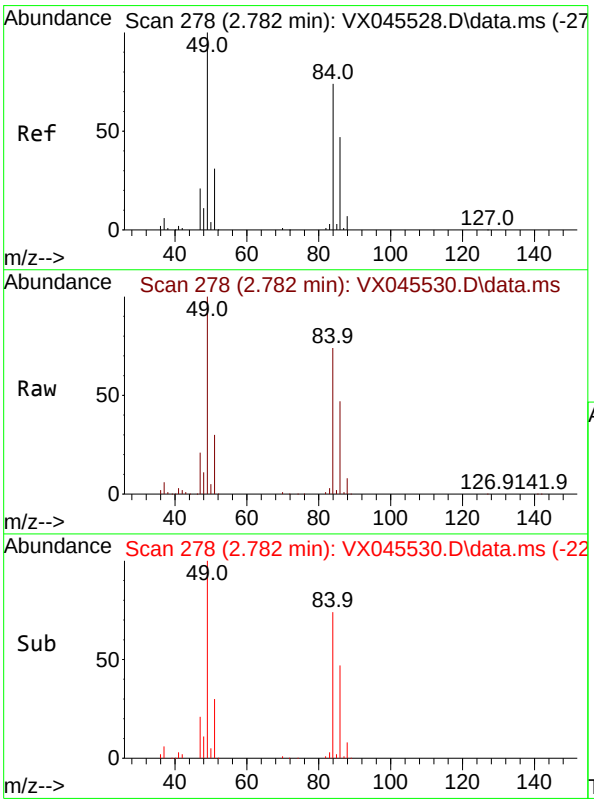
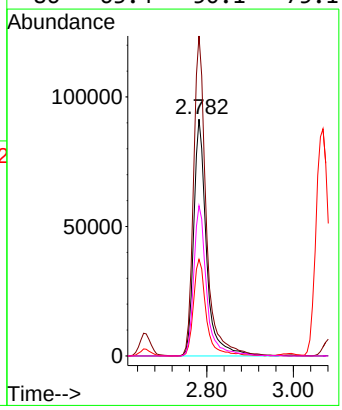
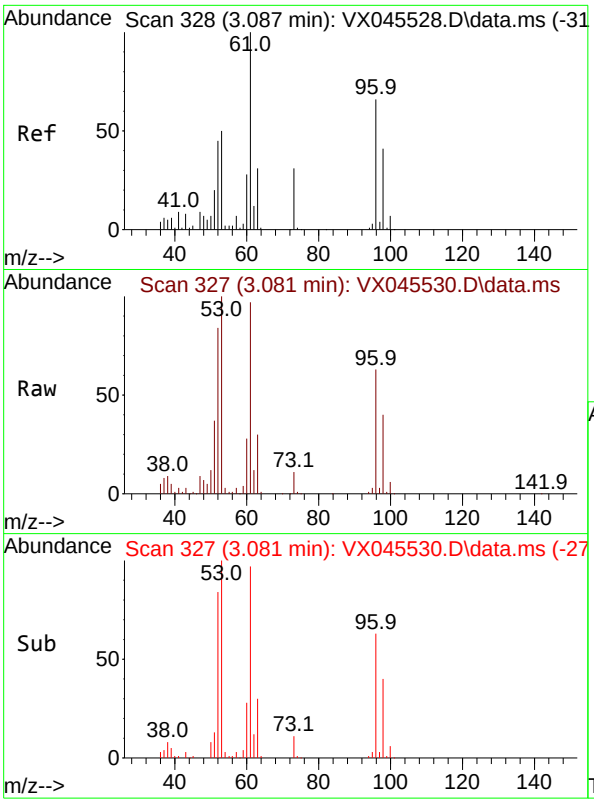


#20
Methylene Chloride
Concen: 147.254 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 84 Resp: 186382

Ion	Ratio	Lower	Upper
84	100		
49	135.1	107.5	161.3
51	40.8	33.0	49.6
86	63.4	50.1	75.1





#21
trans-1,2-Dichloroethene
Concen: 154.210 ug/l
RT: 3.081 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 96 Resp: 17028

Ion	Ratio	Lower	Upper
96	100		
61	153.7	121.0	181.6
98	62.7	49.7	74.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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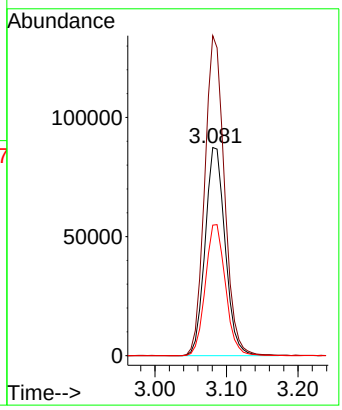
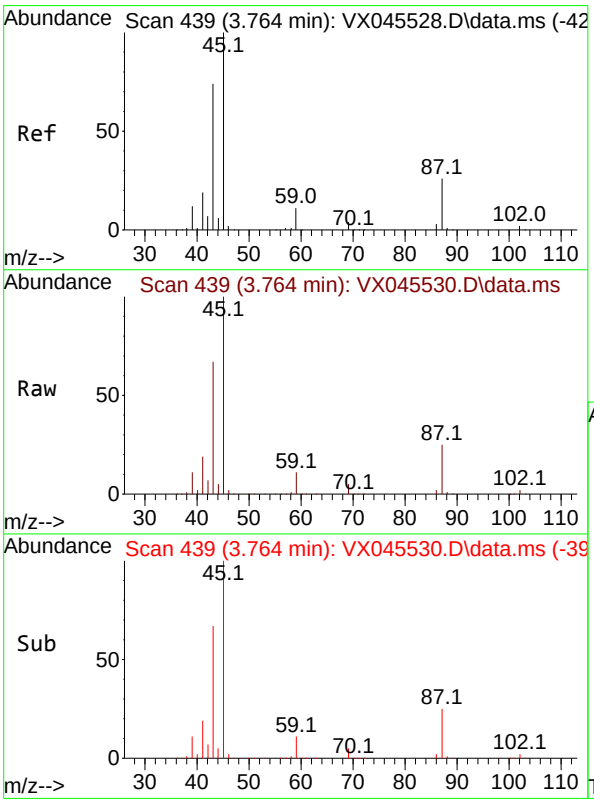
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

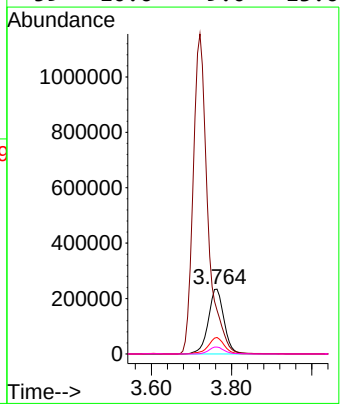


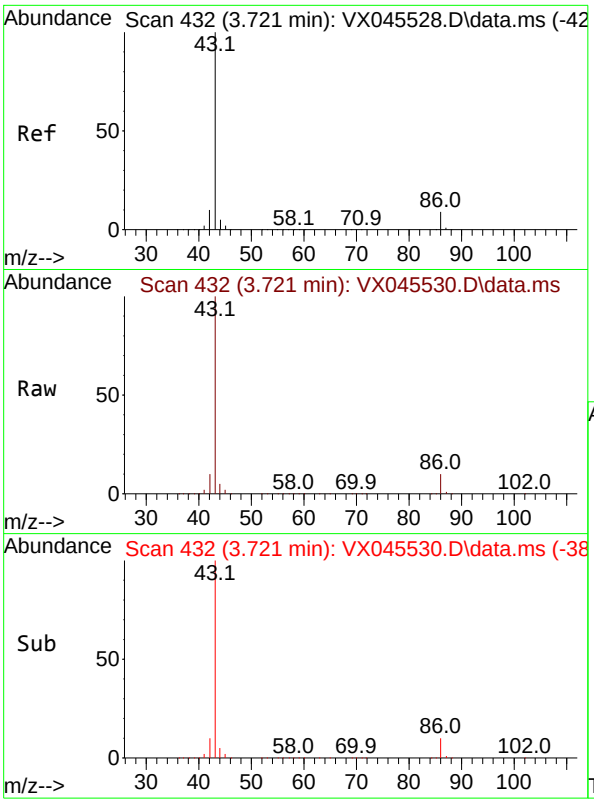


#22
Diisopropyl ether
Concen: 157.617 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 45 Resp: 636728

Ion	Ratio	Lower	Upper
45	100		
43	67.0	59.3	88.9
87	25.5	20.4	30.6
59	10.6	9.0	13.6





#23
Vinyl Acetate
Concen: 834.120 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 291132

Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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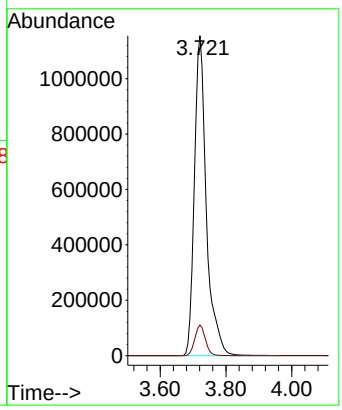
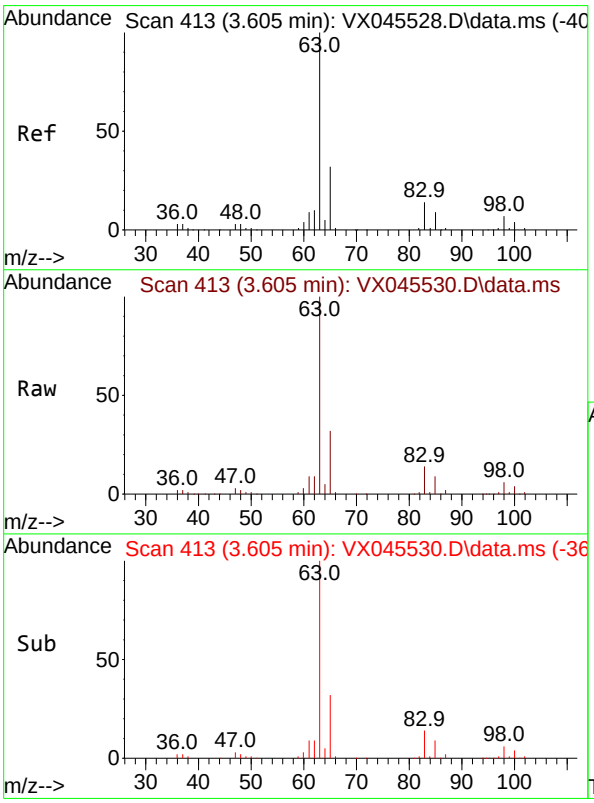
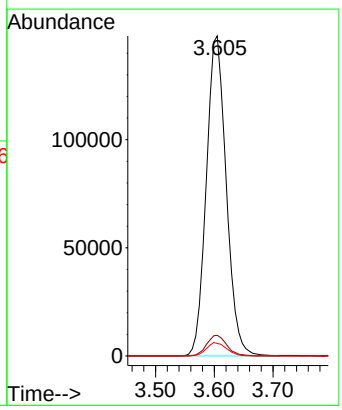


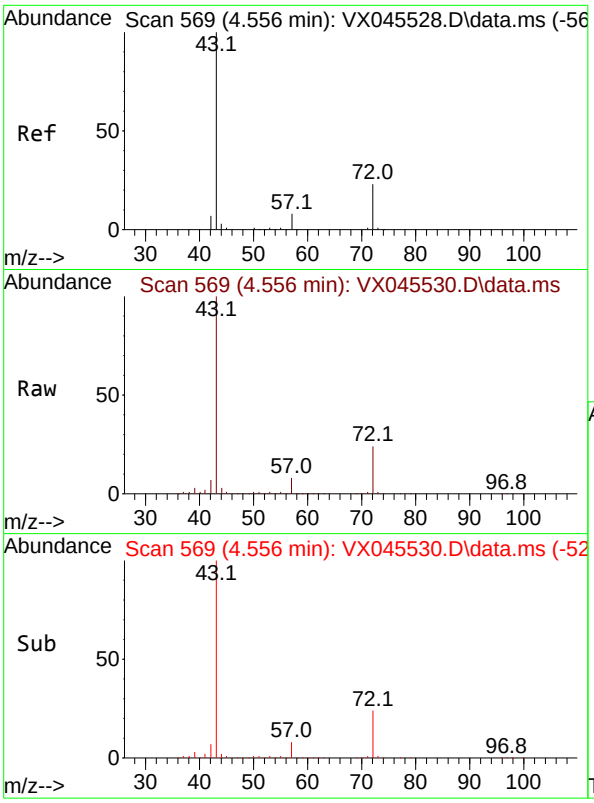


#24
1,1-Dichloroethane
Concen: 152.778 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 63 Resp: 349040

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.4	10.1
100	3.9	2.2	6.6





#25
2-Butanone
Concen: 747.834 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 74009

Ion	Ratio	Lower	Upper
43	100		
72	23.6	18.6	28.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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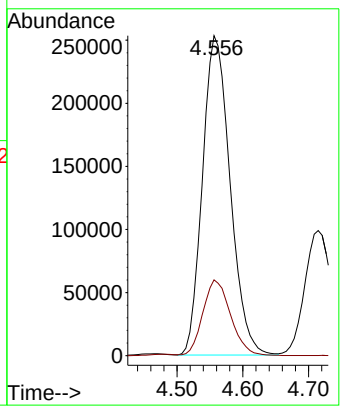
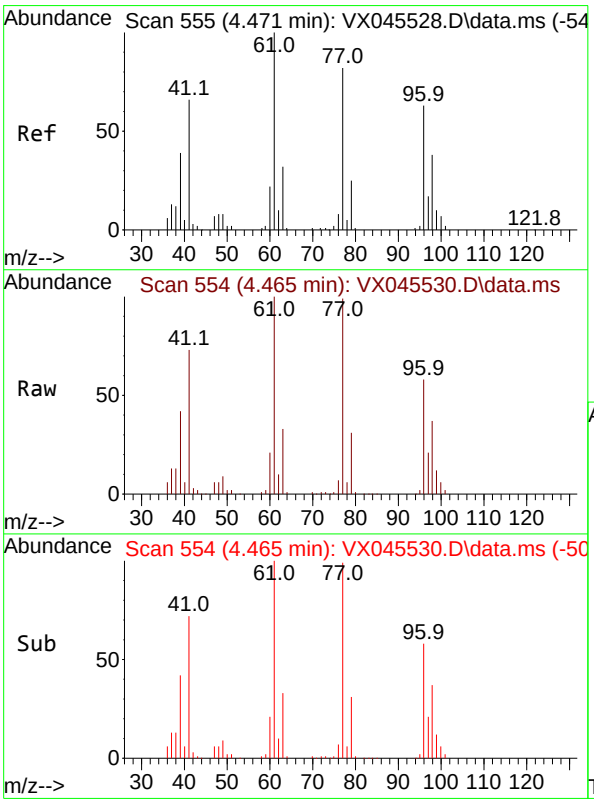
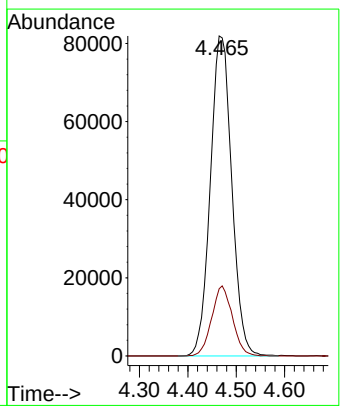


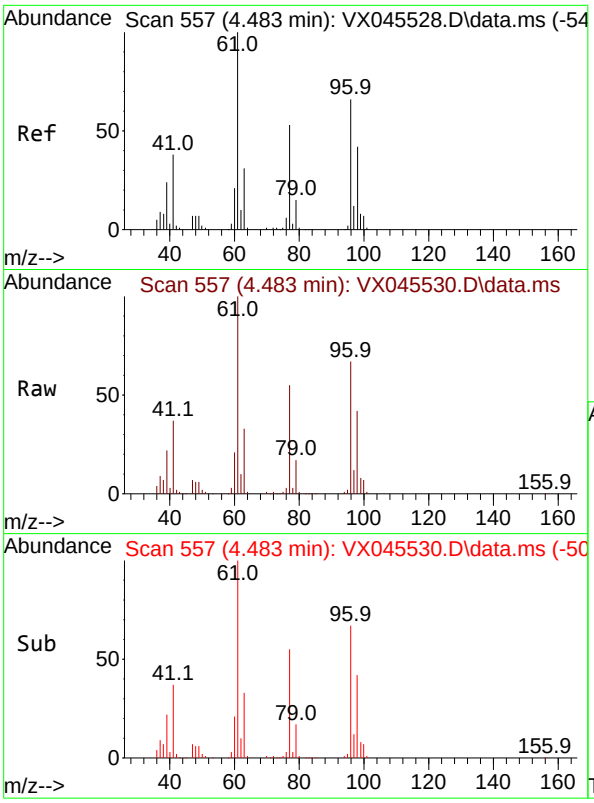


#26
2,2-Dichloropropane
Concen: 170.765 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 77 Resp: 252063

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.6	31.8





#27
cis-1,2-Dichloroethene
Concen: 152.571 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 96 Resp: 20525

Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	313.2
98	64.9	0.0	126.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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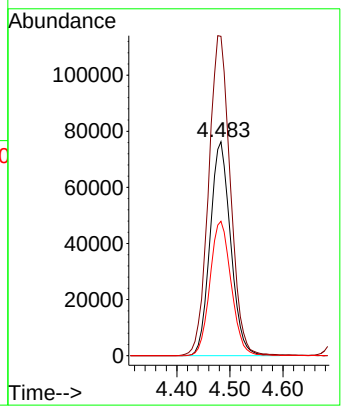
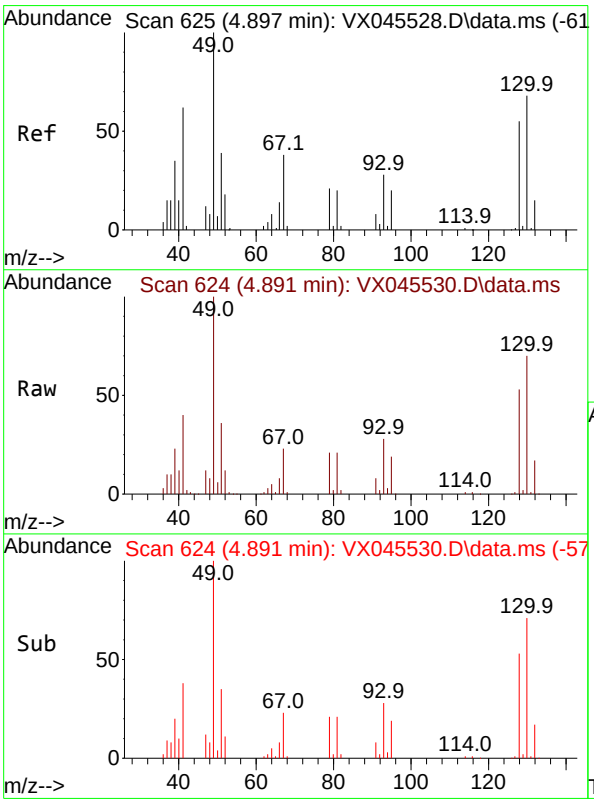
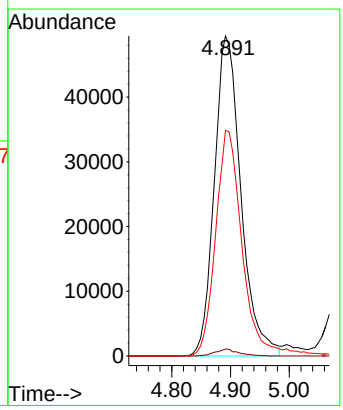


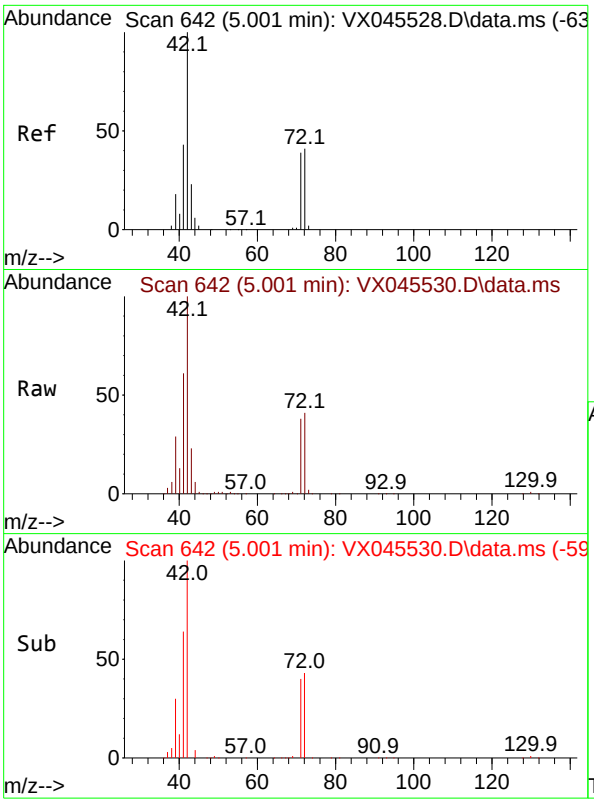


#28
Bromochloromethane
Concen: 140.938 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 49 Resp: 155600

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	70.7	54.6	81.8

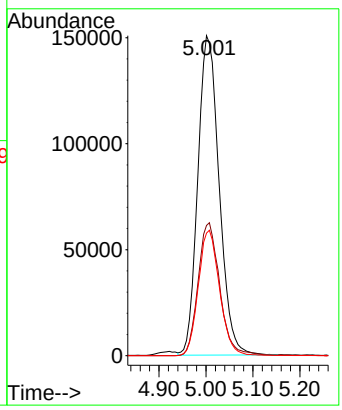




#29
Tetrahydrofuran
Concen: 741.226 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 42 Resp: 47558

Ion	Ratio	Lower	Upper
42	100		
72	42.3	33.4	50.0
71	39.2	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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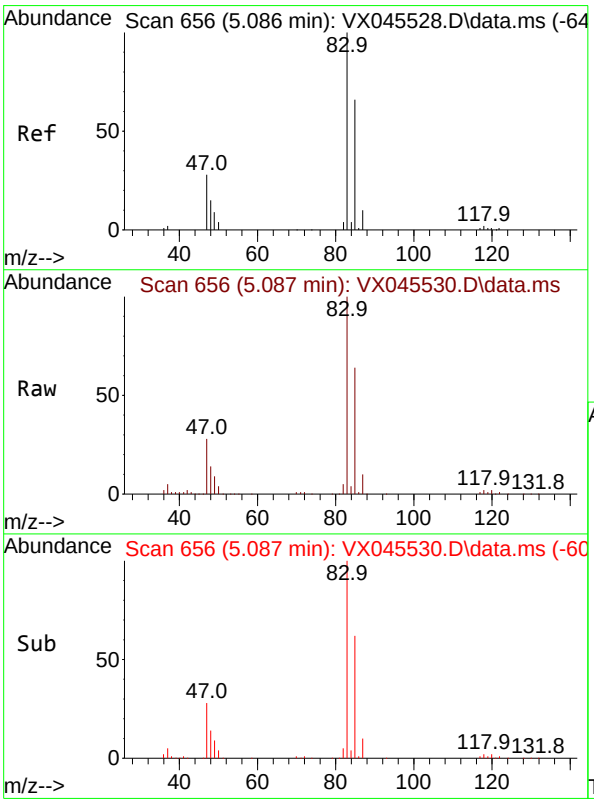
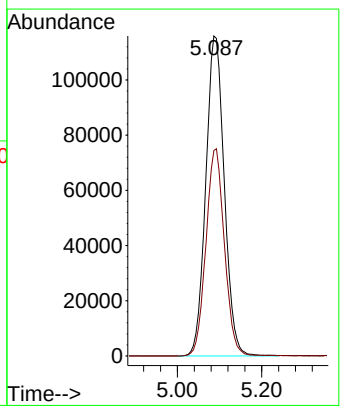
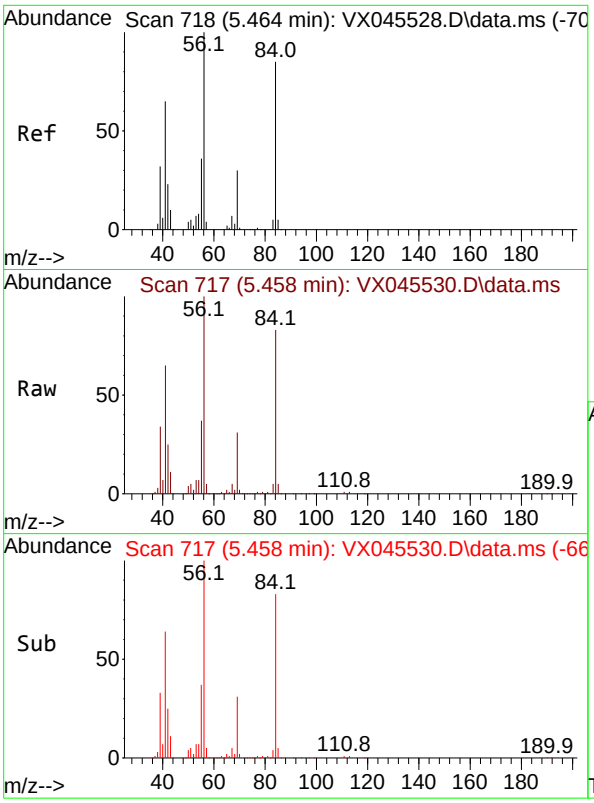


#30
Chloroform
Concen: 150.451 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 83 Resp: 353681

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.8	79.2

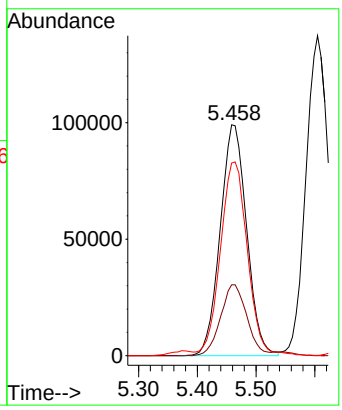




#31
Cyclohexane
Concen: 153.595 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 56 Resp: 31021

Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.6	35.4
84	81.9	67.7	101.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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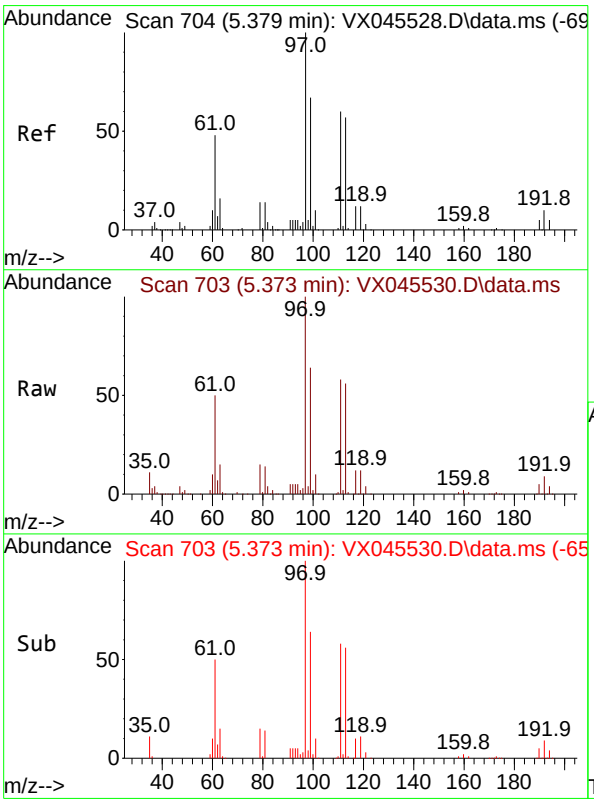
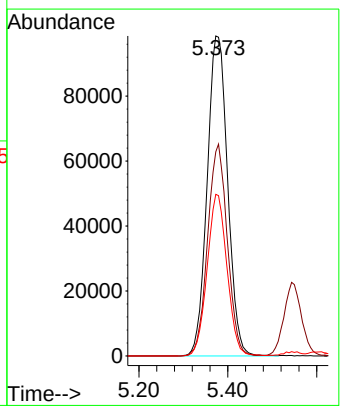
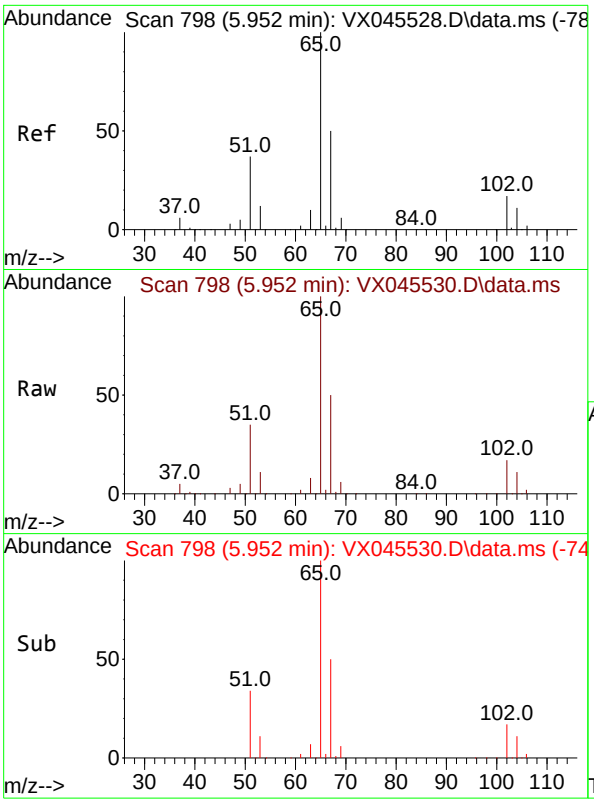


#32
1,1,1-Trichloroethane
Concen: 158.426 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 97 Resp: 315136

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	49.1	41.0	61.4

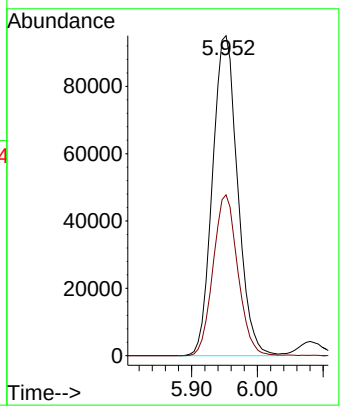




#33
1,2-Dichloroethane-d4
Concen: 153.661 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 65 Resp: 25299

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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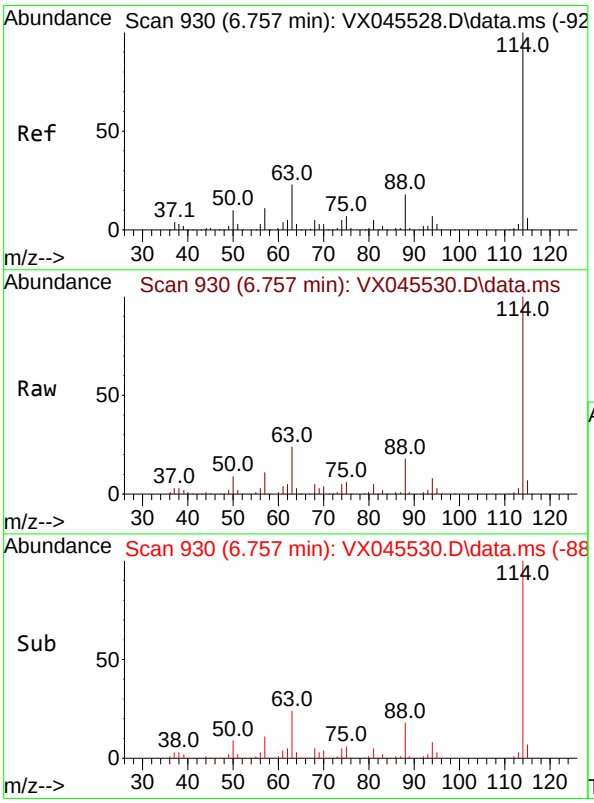
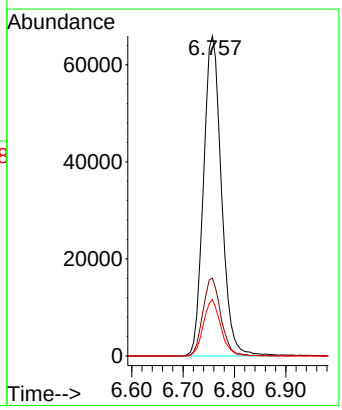
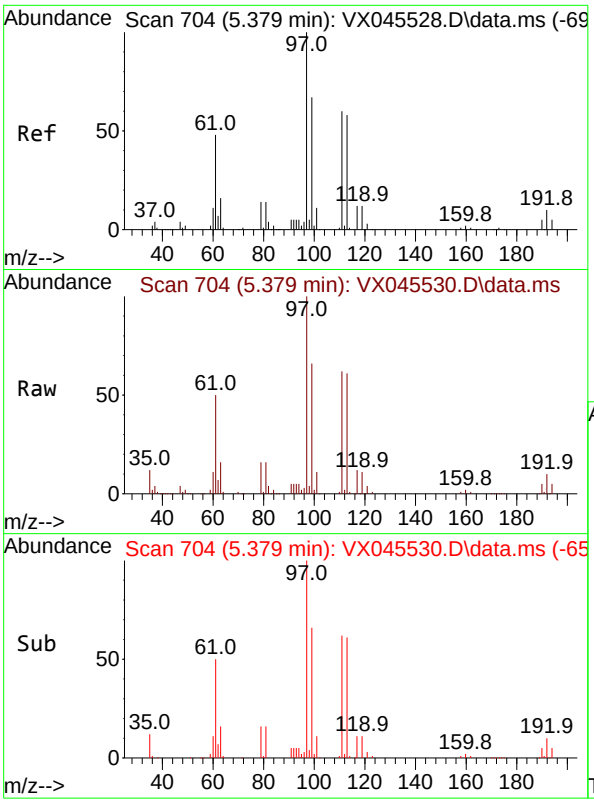


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:114 Resp: 160037

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.8
88	17.6	0.0	35.4

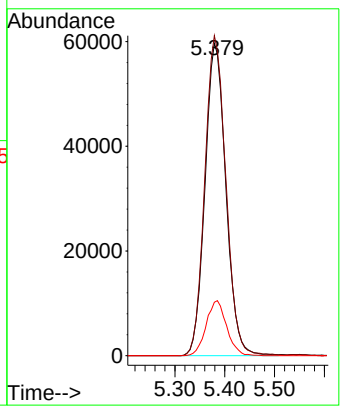




#35
Dibromofluoromethane
Concen: 152.887 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:113 Resp: 17359

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.6
192	17.3	13.8	20.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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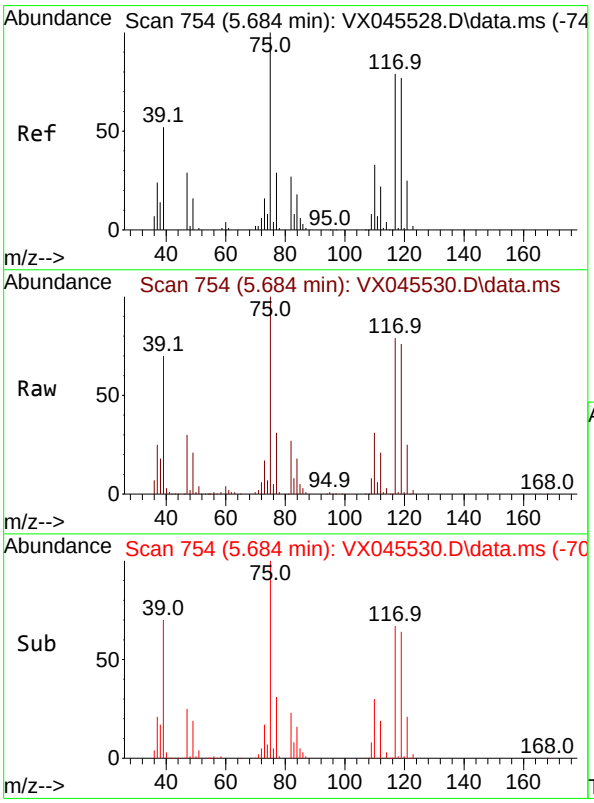
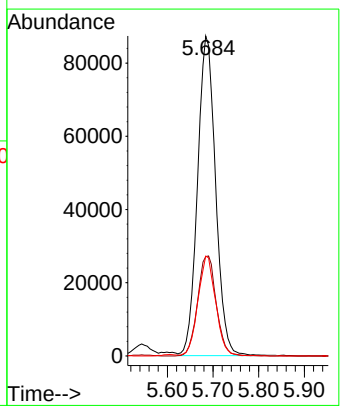
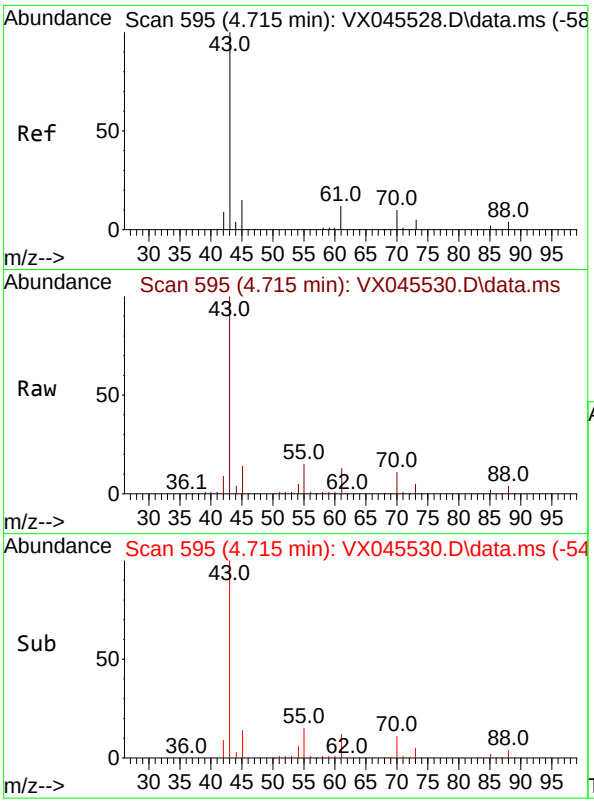


#36
1,1-Dichloropropene
Concen: 156.399 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 239776

Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.9	50.6
77	30.6	25.0	37.4

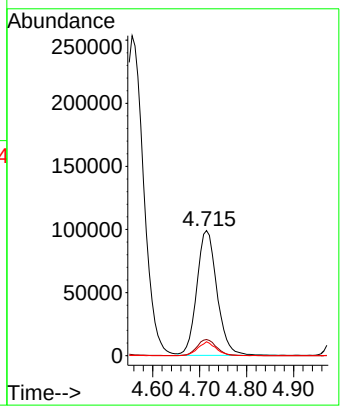




#37
Ethyl Acetate
Concen: 152.461 ug/l
RT: 4.715 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 29455

Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.0	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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Reviewed By :Amit Patel 04/02/2025
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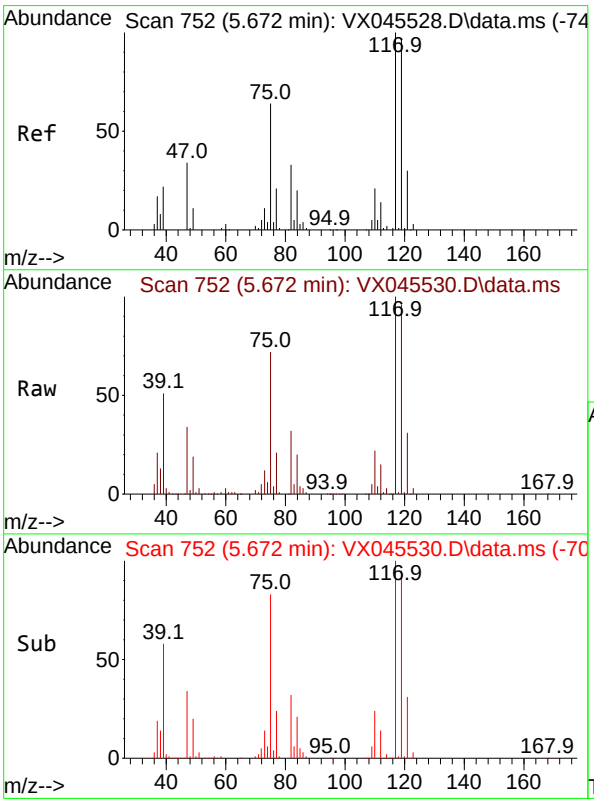
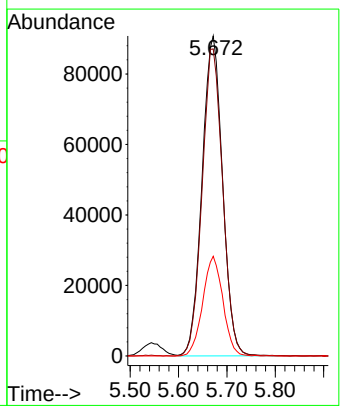
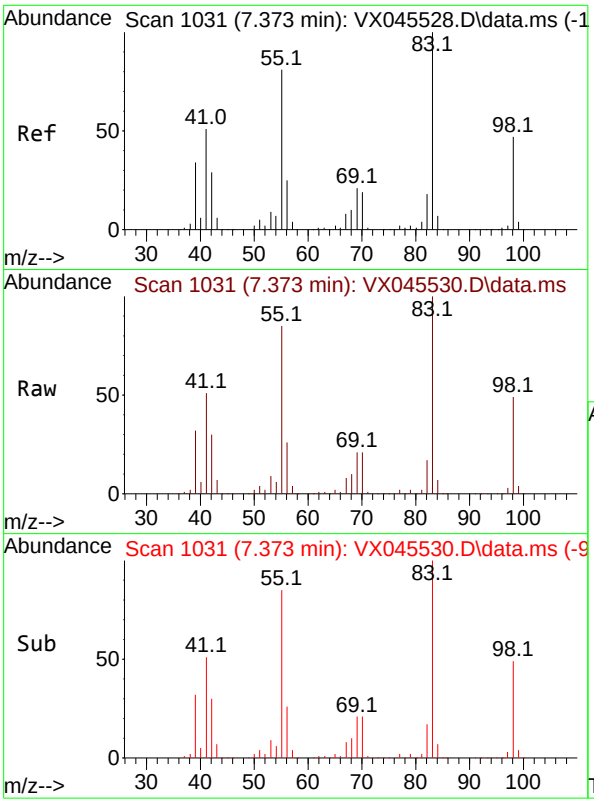


#38
Carbon Tetrachloride
Concen: 161.005 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:117 Resp: 266770

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
121	31.2	24.2	36.2





#39
Methylcyclohexane
Concen: 161.366 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 83 Resp: 30325

Ion	Ratio	Lower	Upper
83	100		
55	85.4	64.9	97.3
98	49.0	37.4	56.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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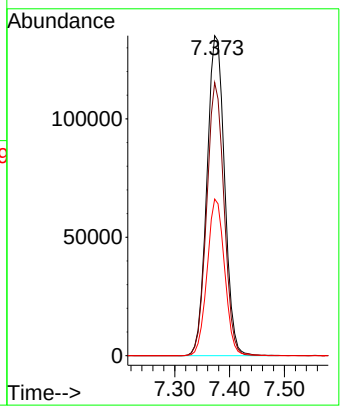
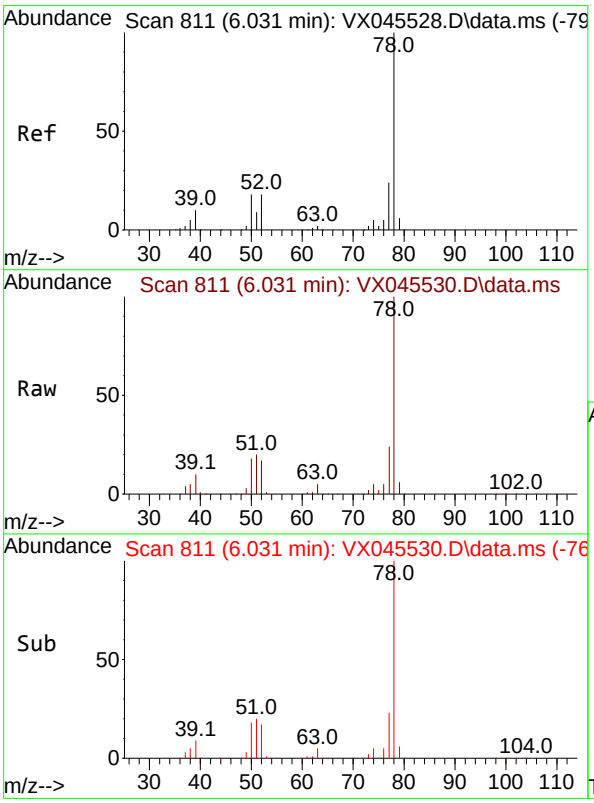
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

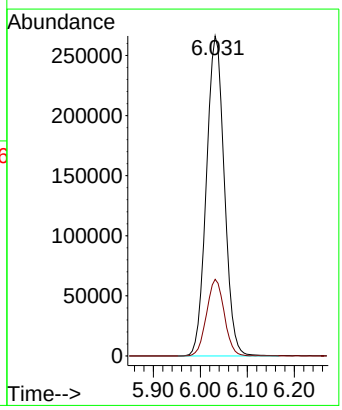


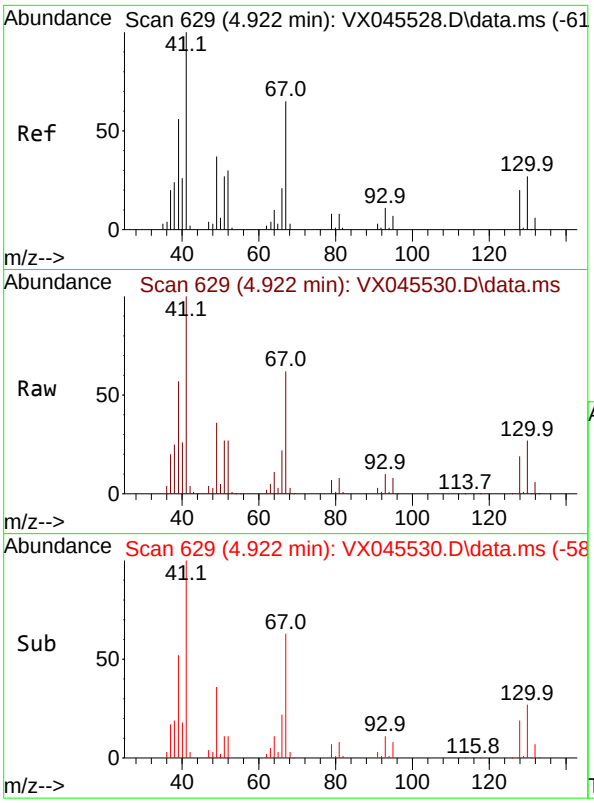


#40
Benzene
Concen: 150.208 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 78 Resp: 703311

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6

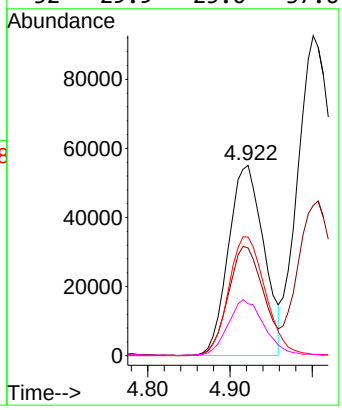




#41
Methacrylonitrile
Concen: 160.155 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 41 Resp: 16469

Ion	Ratio	Lower	Upper
41	100		
39	57.4	47.0	70.6
67	65.5	53.2	79.8
52	29.9	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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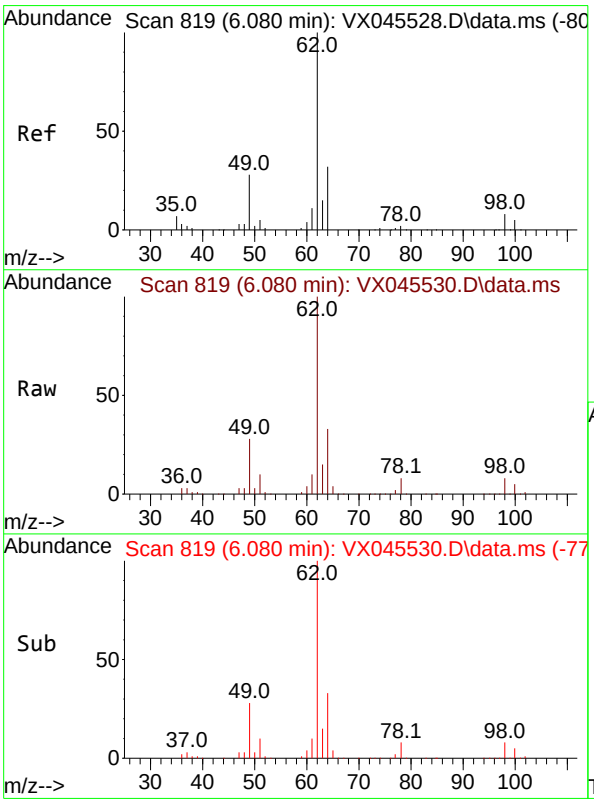
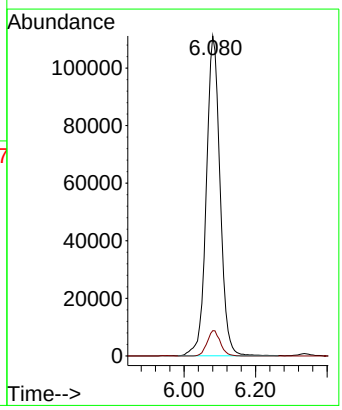
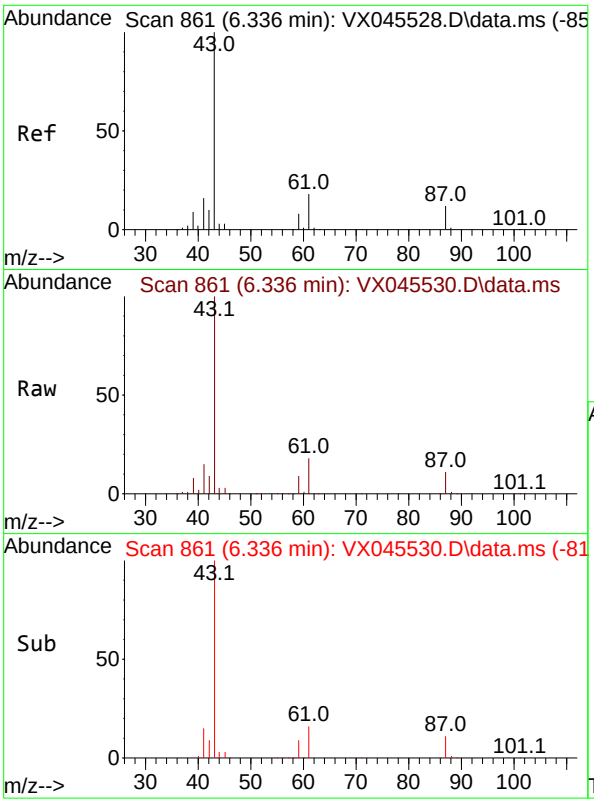


#42
1,2-Dichloroethane
Concen: 153.146 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 62 Resp: 296168

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2

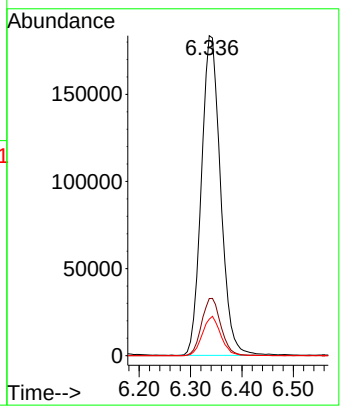




#43
Isopropyl Acetate
Concen: 162.494 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 47582

Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.1	21.1
87	11.8	9.2	13.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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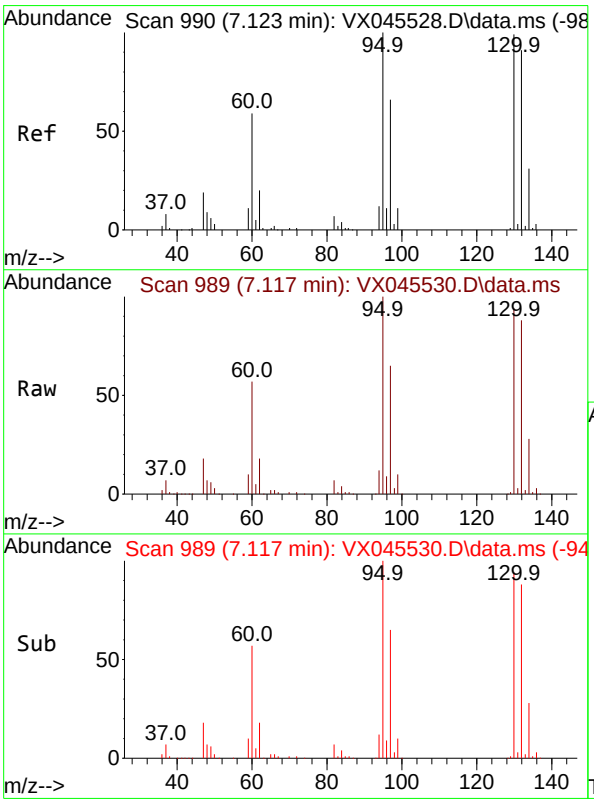
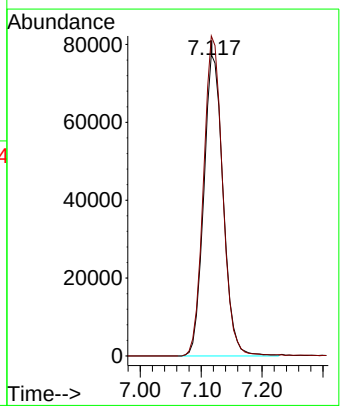
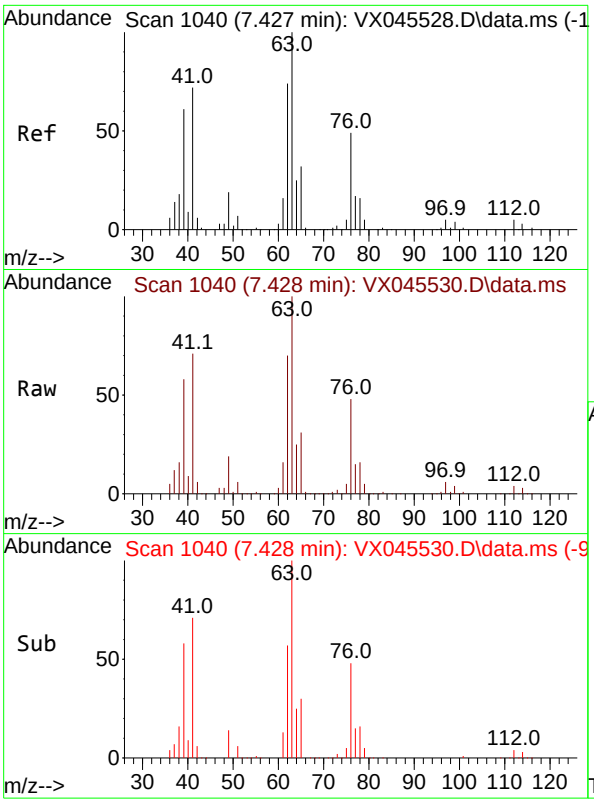


#44
Trichloroethene
Concen: 153.599 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:130 Resp: 170940

Ion	Ratio	Lower	Upper
130	100		
95	106.1	0.0	202.0

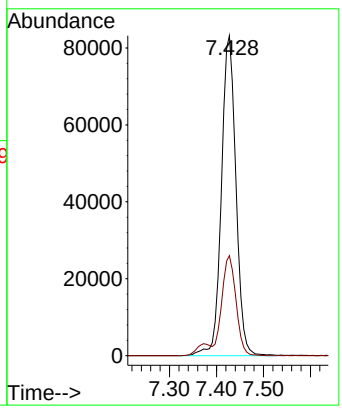




#45
1,2-Dichloropropane
Concen: 153.610 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 63 Resp: 17945

Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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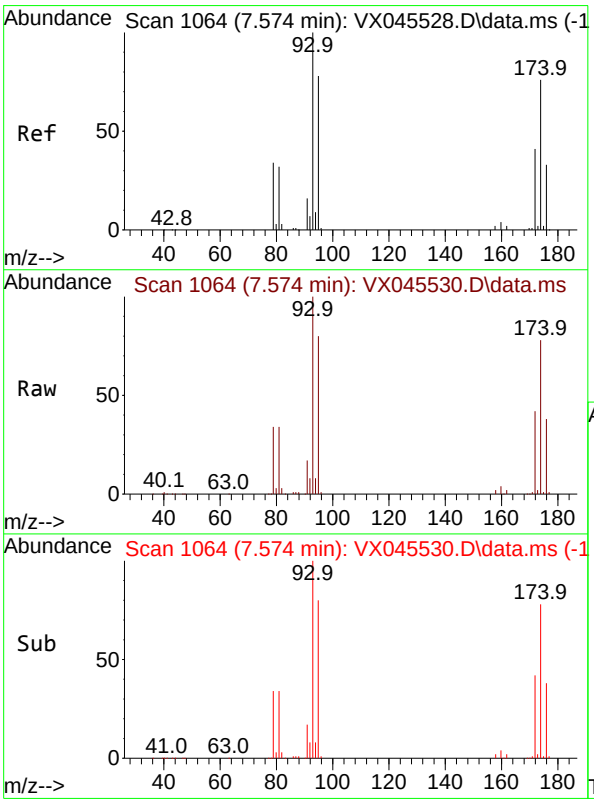
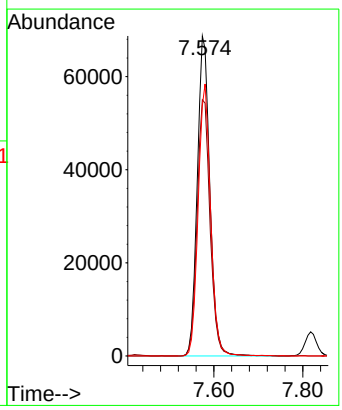
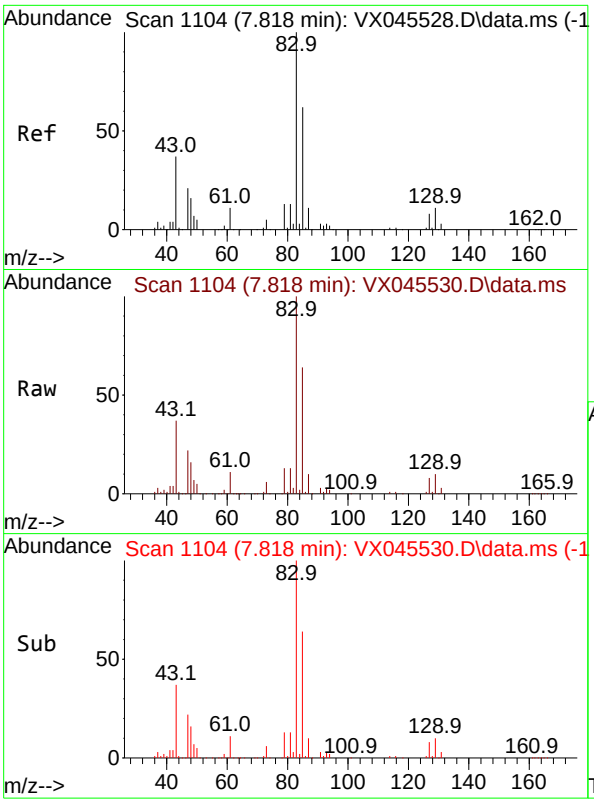


#46
Dibromomethane
Concen: 150.996 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 93 Resp: 135415

Ion	Ratio	Lower	Upper
93	100		
95	82.4	64.8	97.2
174	84.1	65.4	98.0

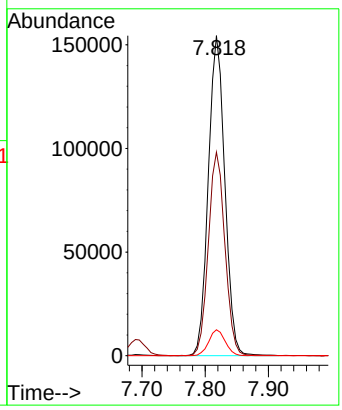




#47
Bromodichloromethane
Concen: 156.272 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 83 Resp: 27988

Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.7	74.5
127	8.1	6.1	9.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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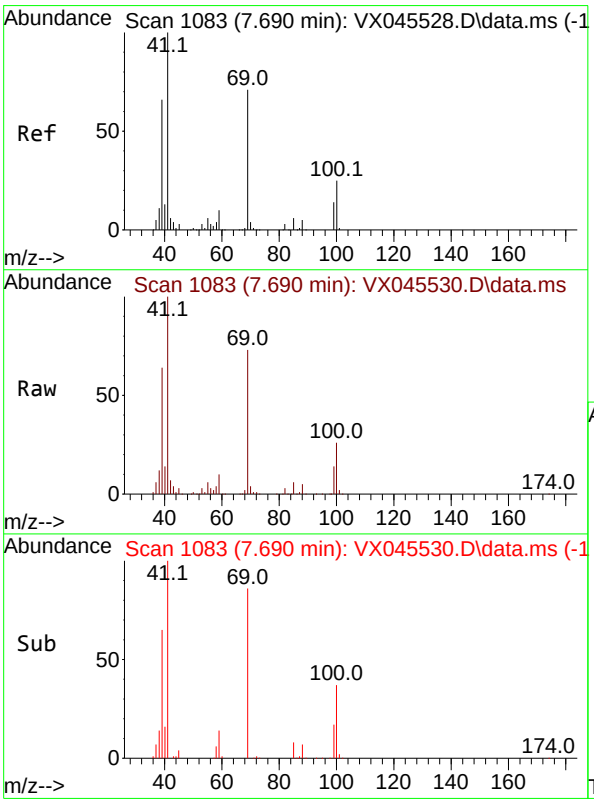
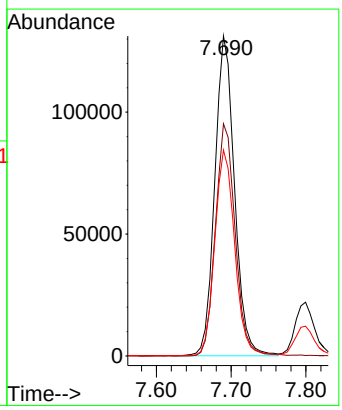
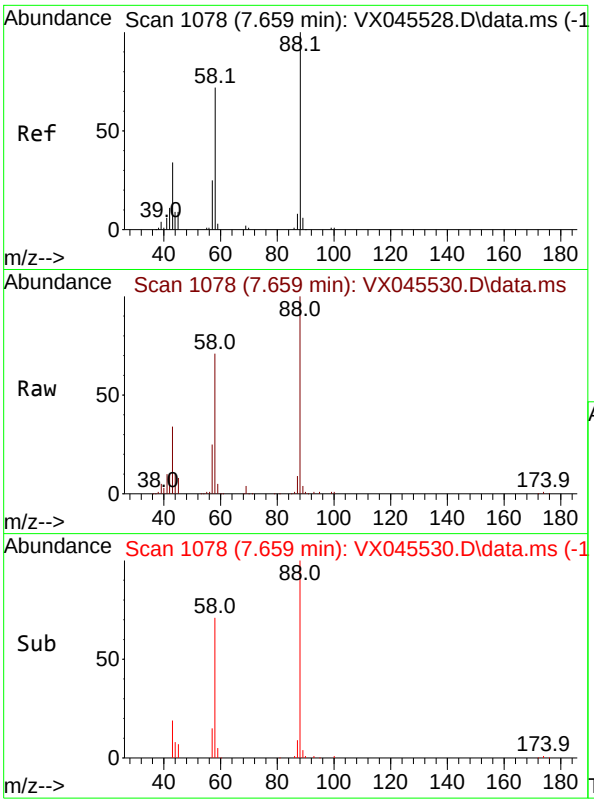


#48
Methyl methacrylate
Concen: 159.281 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 41 Resp: 240818

Ion	Ratio	Lower	Upper
41	100		
69	73.0	58.2	87.2
39	64.9	53.6	80.4





#49
1,4-Dioxane
Concen: 2739.196 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 88 Resp: 7492

Ion	Ratio	Lower	Upper
88	100		
43	40.8	32.2	48.4
58	74.2	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
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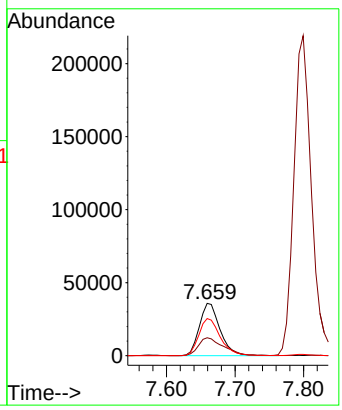
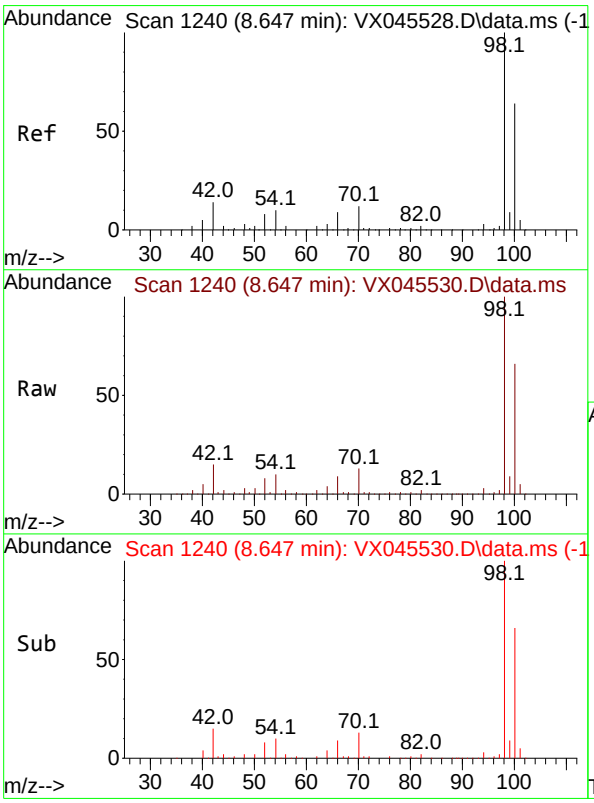
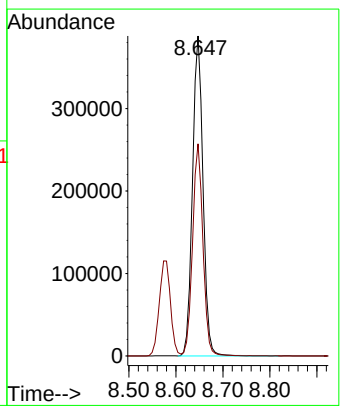


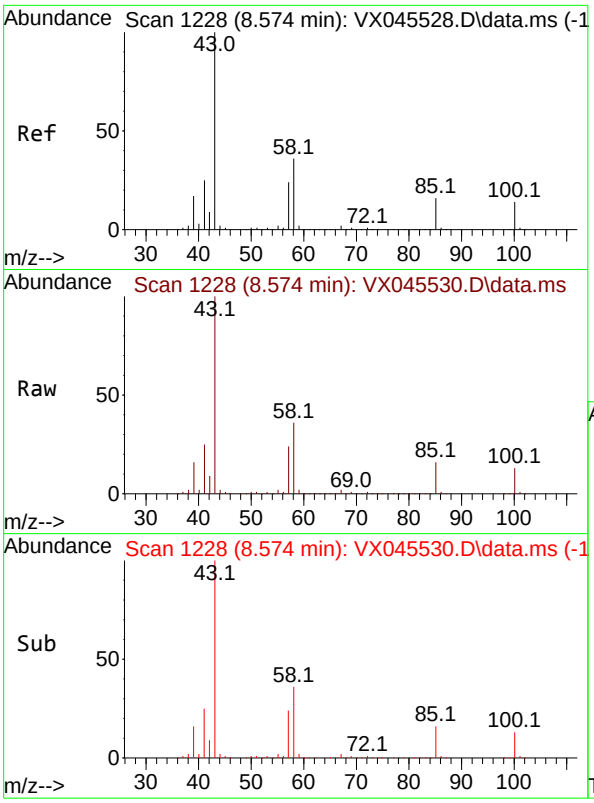


#50
Toluene-d8
Concen: 152.216 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 98 Resp: 603264

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.4

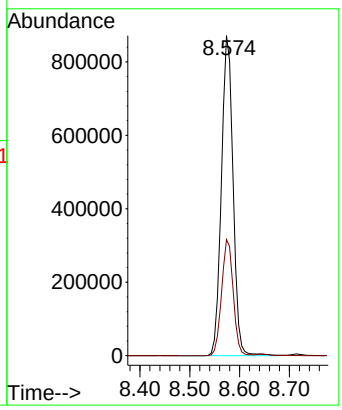




#51
4-Methyl-2-Pentanone
Concen: 728.817 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 141477

Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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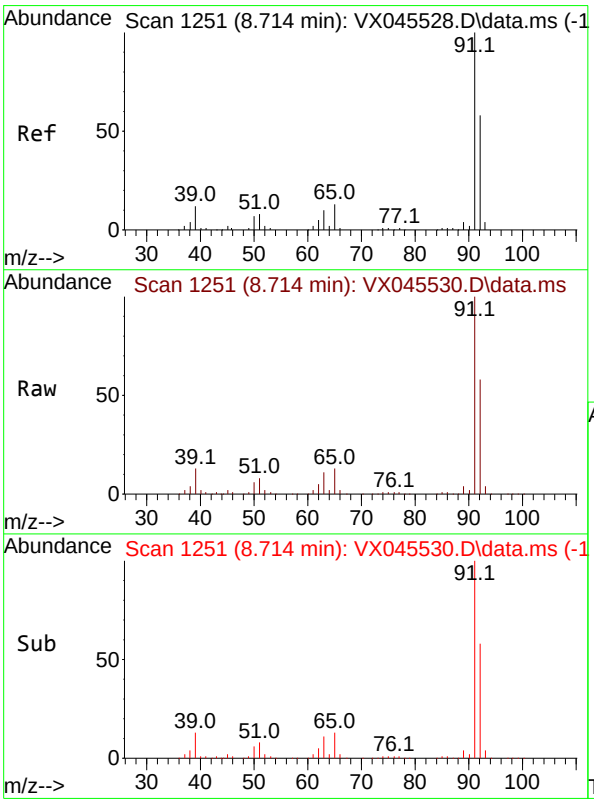
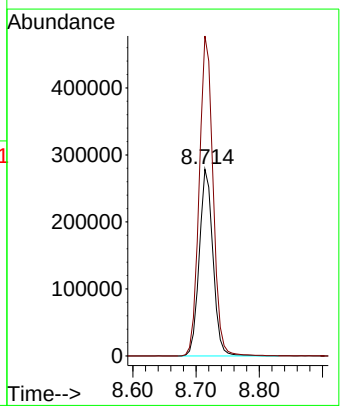
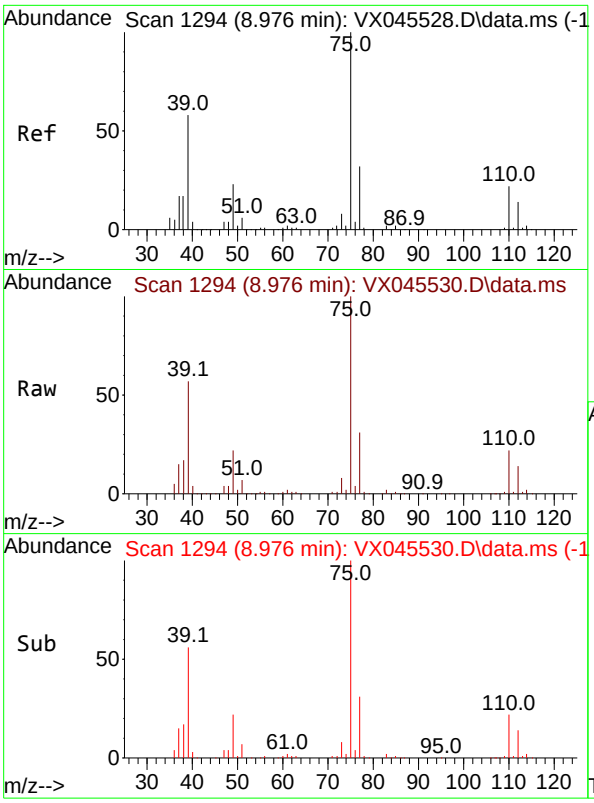


#52
Toluene
Concen: 148.245 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 92 Resp: 420015

Ion	Ratio	Lower	Upper
92	100		
91	173.3	138.7	208.1

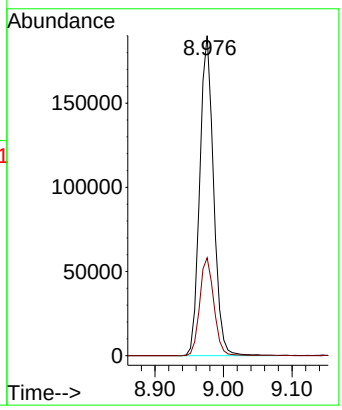




#53
t-1,3-Dichloropropene
Concen: 150.589 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 26767

Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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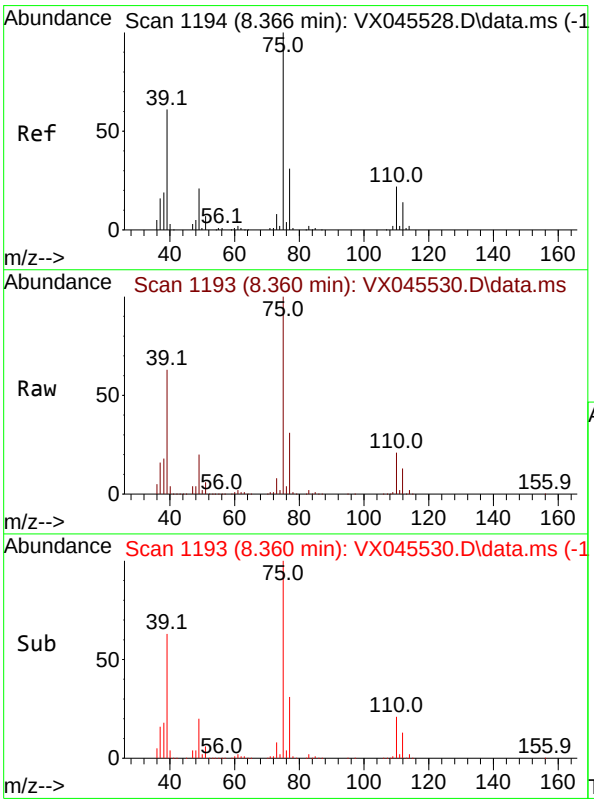
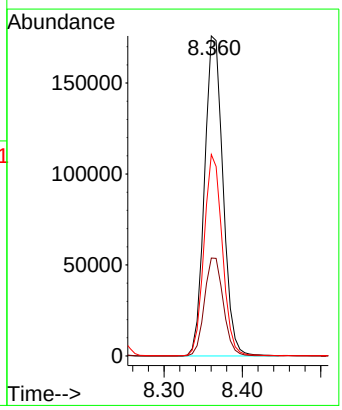
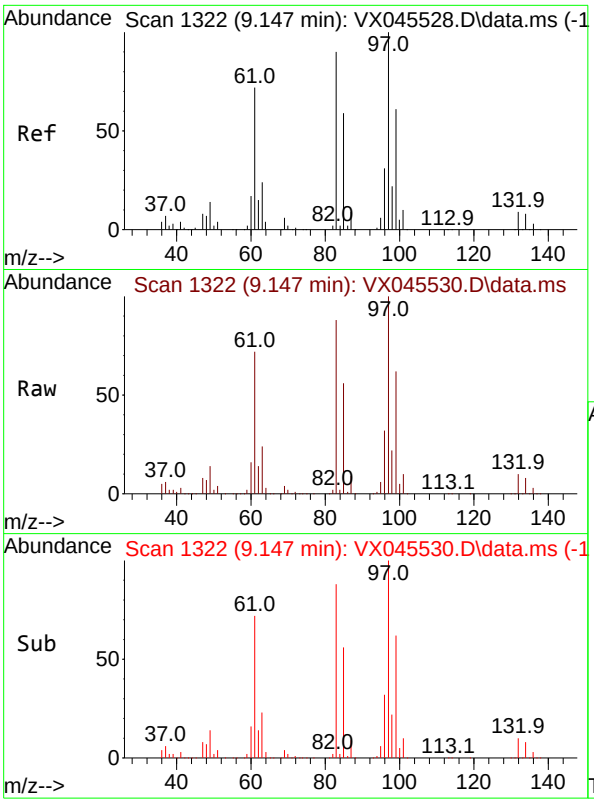


#54
cis-1,3-Dichloropropene
Concen: 171.104 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 287973

Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.6	36.8
39	62.9	48.4	72.6

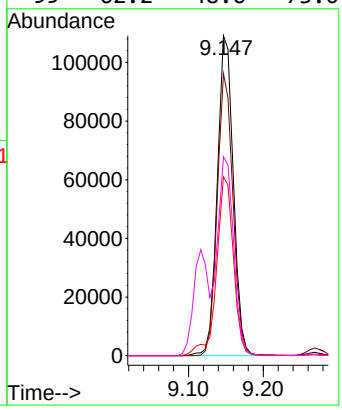




#55
1,1,2-Trichloroethane
Concen: 144.752 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 97 Resp: 16342

Ion	Ratio	Lower	Upper
97	100		
83	88.2	71.8	107.8
85	55.9	47.0	70.6
99	62.2	48.6	73.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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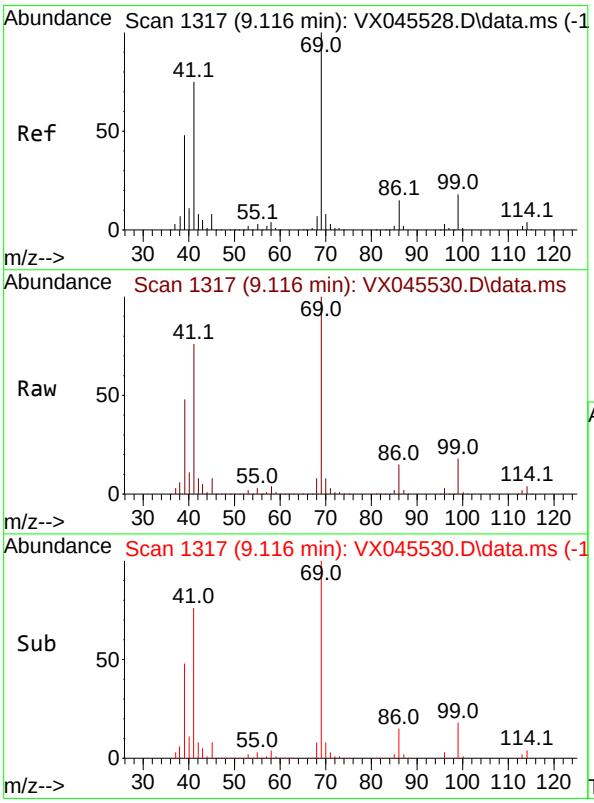
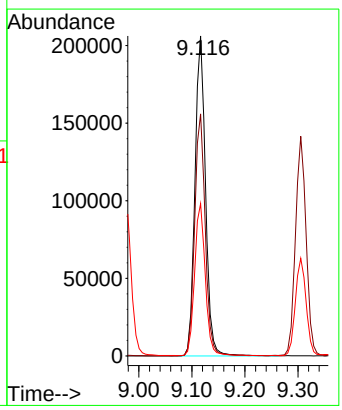
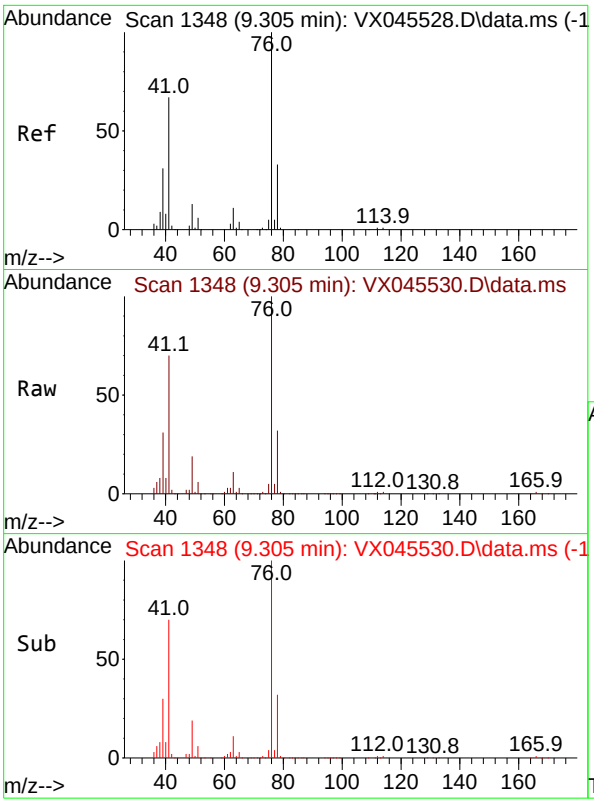


#56
Ethyl methacrylate
Concen: 163.624 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 69 Resp: 285895

Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.3	91.9
39	48.0	40.2	60.2

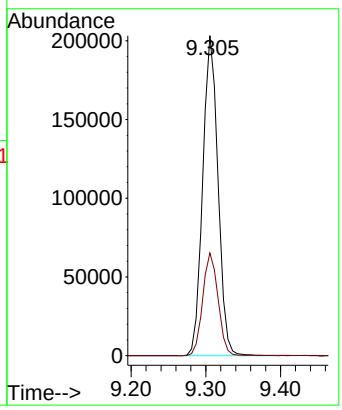




#57
1,3-Dichloropropane
Concen: 146.708 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 76 Resp: 28843

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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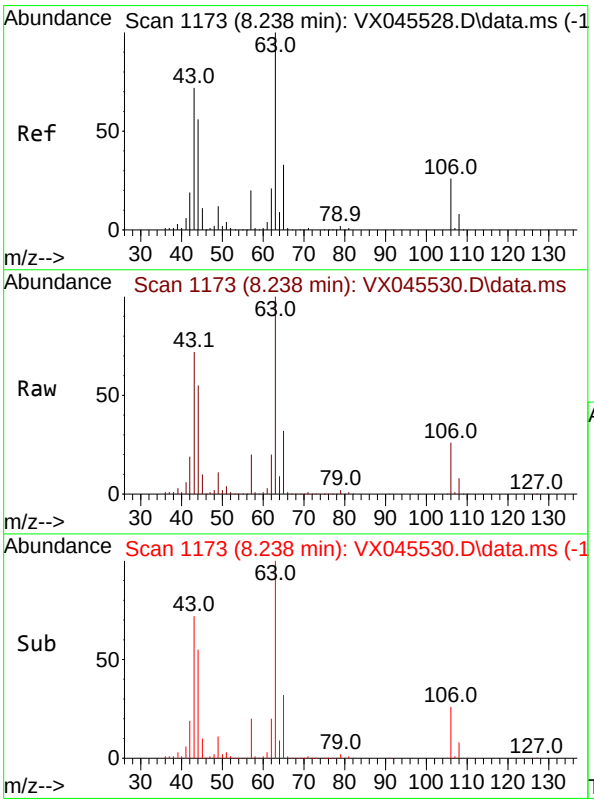
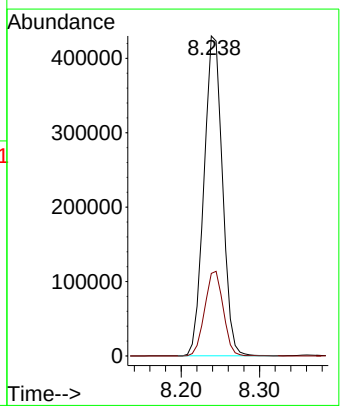
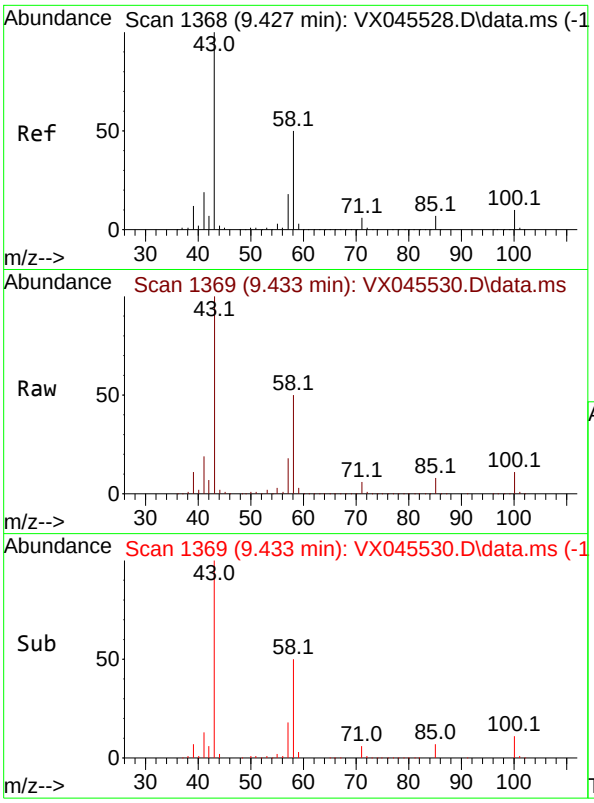


#58
2-Chloroethyl Vinyl ether
Concen: 796.340 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 63 Resp: 703881

Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.0	31.6





#59
2-Hexanone
Concen: 733.198 ug/l
RT: 9.433 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 105397

Ion	Ratio	Lower	Upper
43	100		
58	49.8	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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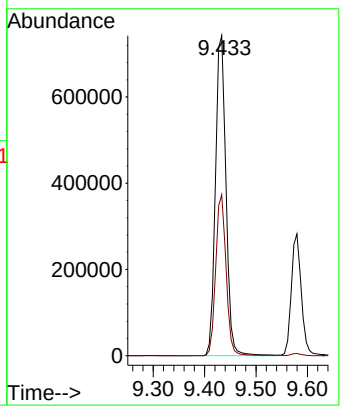
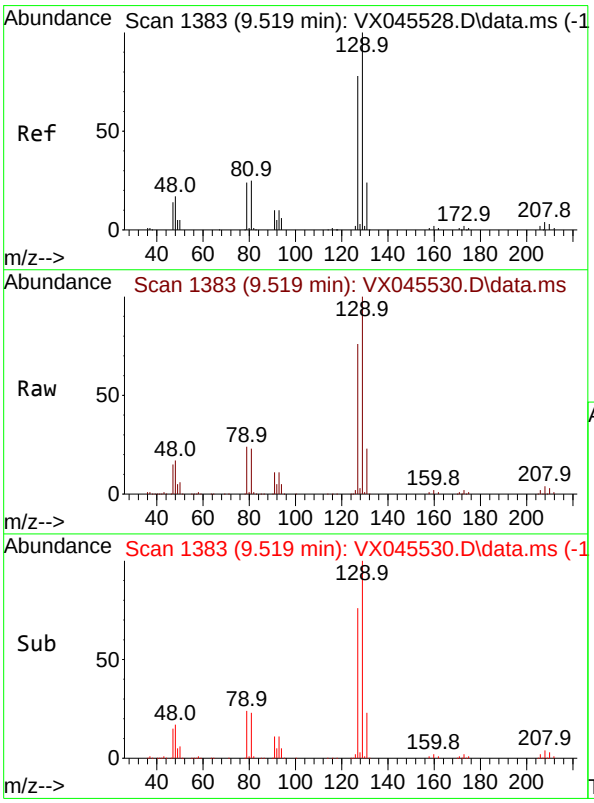
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

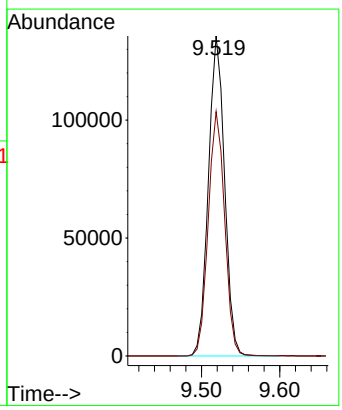


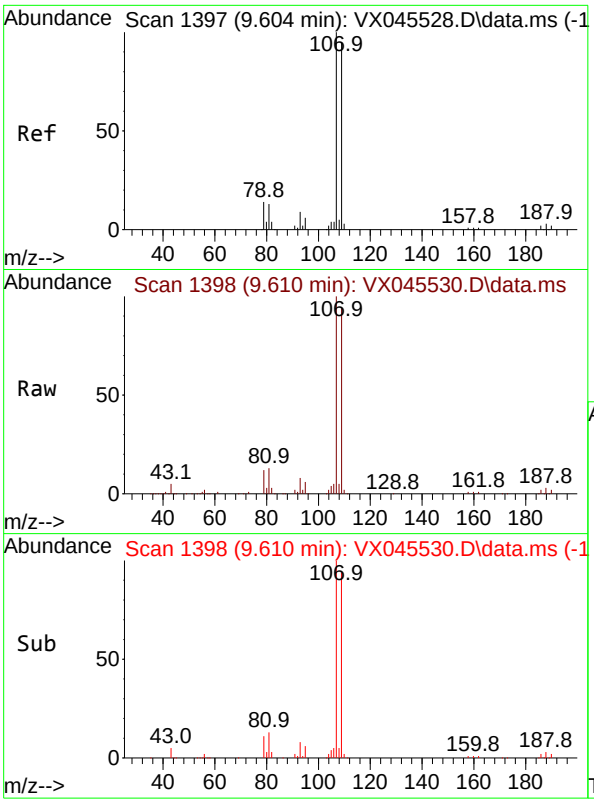


#60
Dibromochloromethane
Concen: 157.895 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:129 Resp: 194342

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.4	118.2

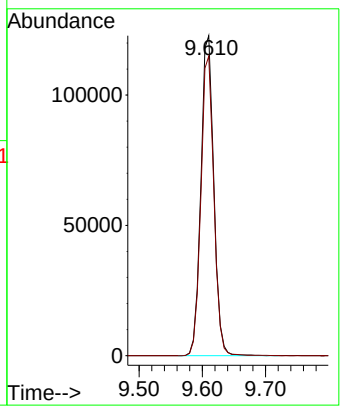




#61
1,2-Dibromoethane
Concen: 152.745 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:107 Resp: 17457

Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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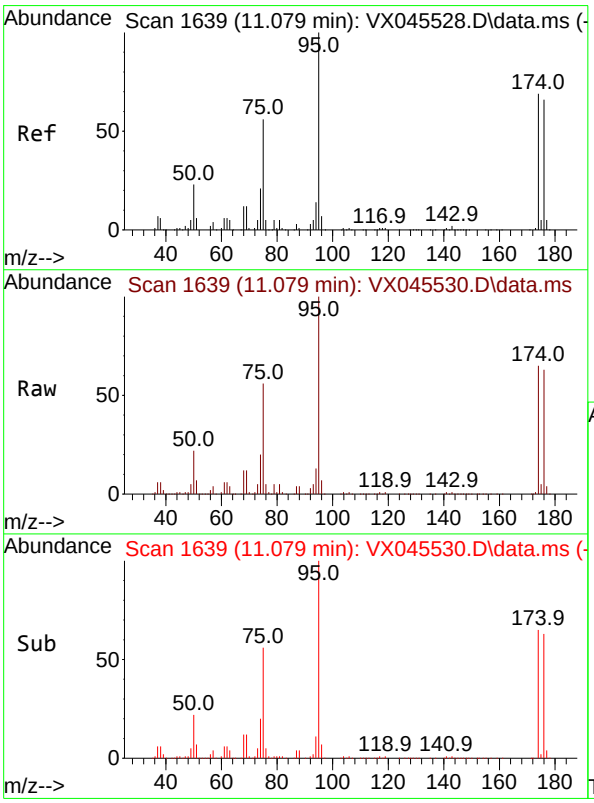
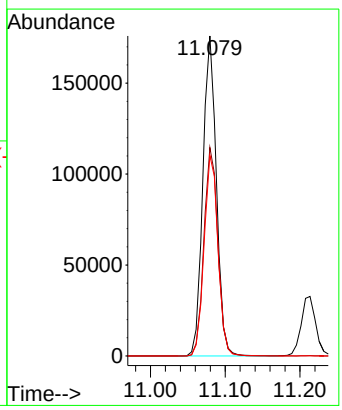
Supervised By :Mahesh Dadoda 04/02/2025

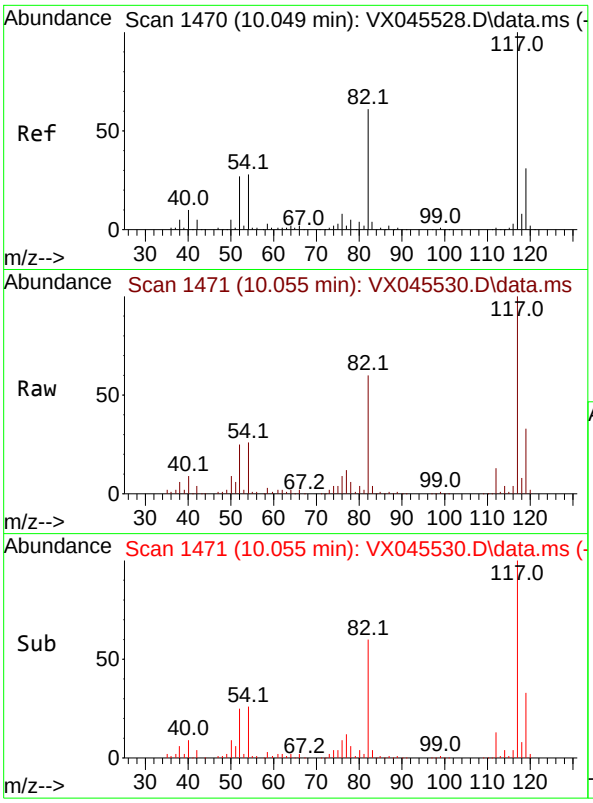


#62
4-Bromofluorobenzene
Concen: 153.035 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 95 Resp: 220921

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	135.8
176	64.3	0.0	131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:117 Resp: 13334

Ion	Ratio	Lower	Upper
117	100		
82	59.5	49.2	73.8
119	32.7	25.1	37.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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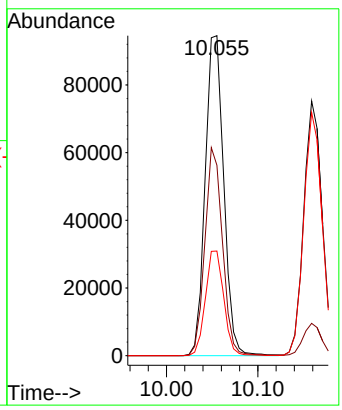
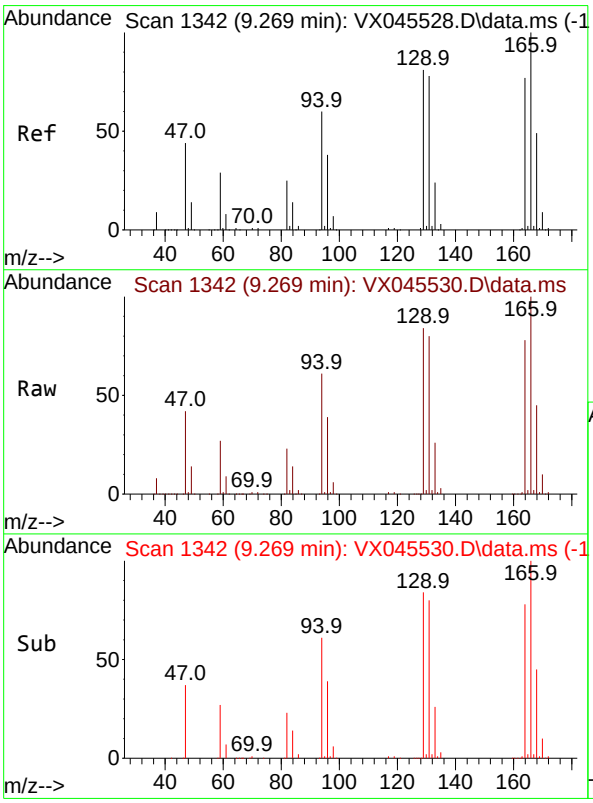
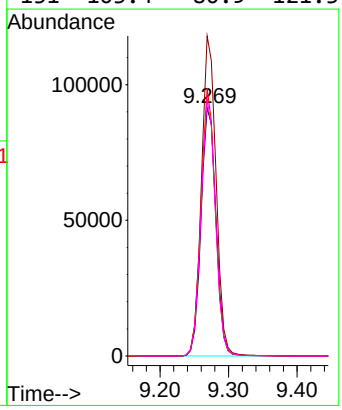


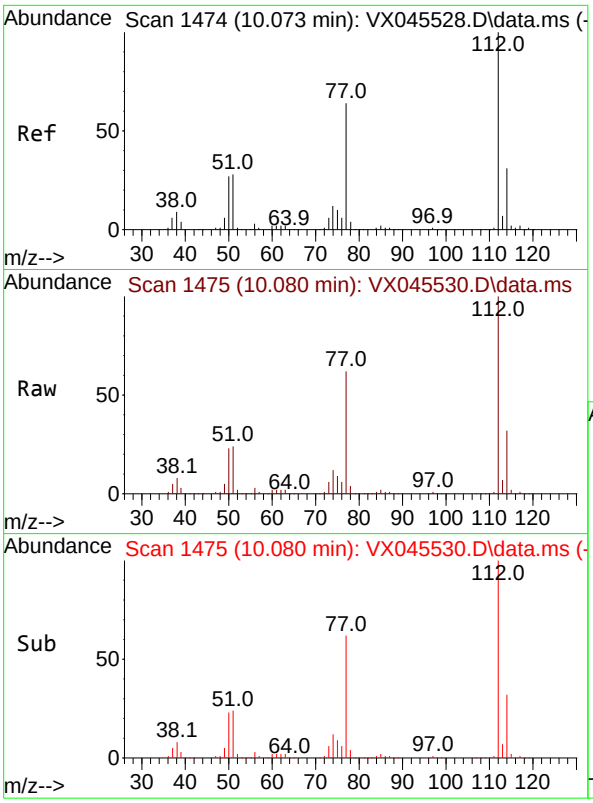


#64
Tetrachloroethene
Concen: 147.568 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:164 Resp: 138926

Ion	Ratio	Lower	Upper
164	100		
166	128.9	103.8	155.8
129	107.9	84.3	126.5
131	103.4	80.9	121.3

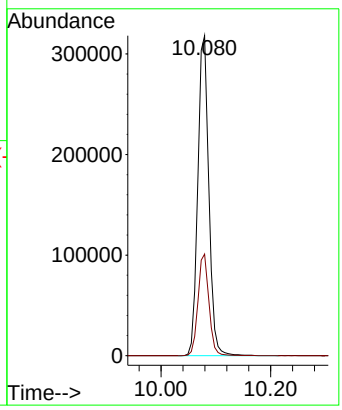




#65
Chlorobenzene
Concen: 156.049 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:112 Resp: 44463

Ion	Ratio	Lower	Upper
112	100		
114	31.7	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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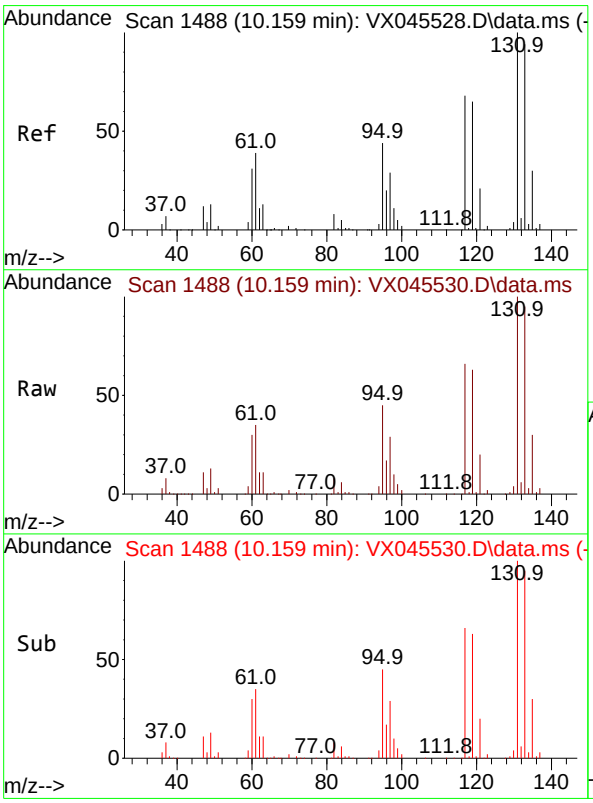
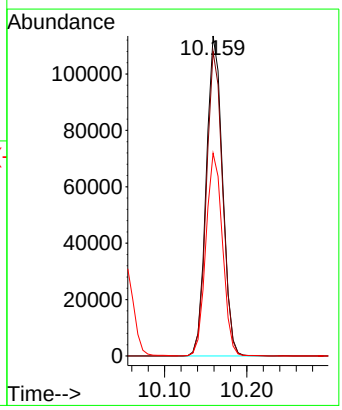
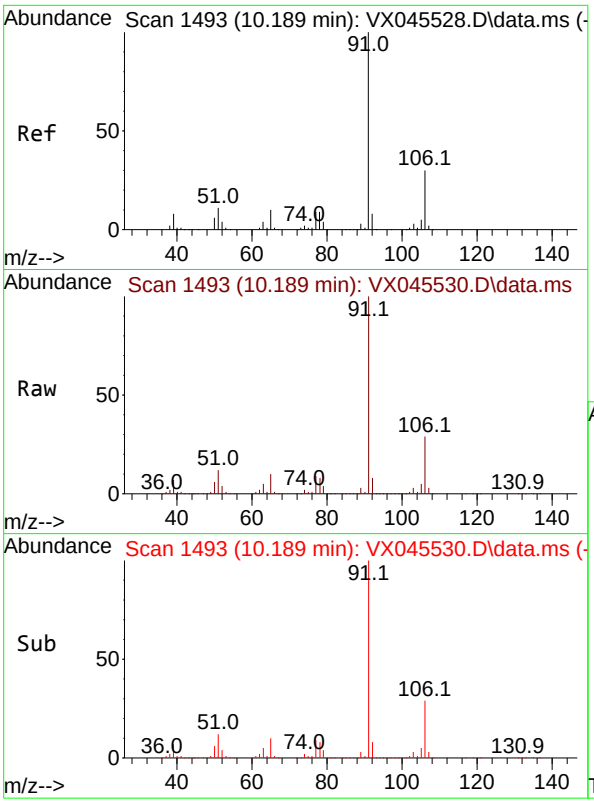


#66
1,1,1,2-Tetrachloroethane
Concen: 157.769 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:131 Resp: 156069

Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.5	142.5
119	64.4	32.9	98.6

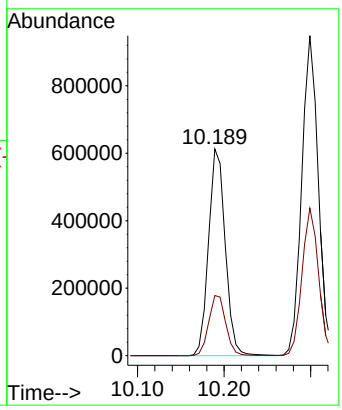




#67
Ethyl Benzene
Concen: 160.907 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 91 Resp: 82113

Ion	Ratio	Lower	Upper
91	100		
106	29.1	23.7	35.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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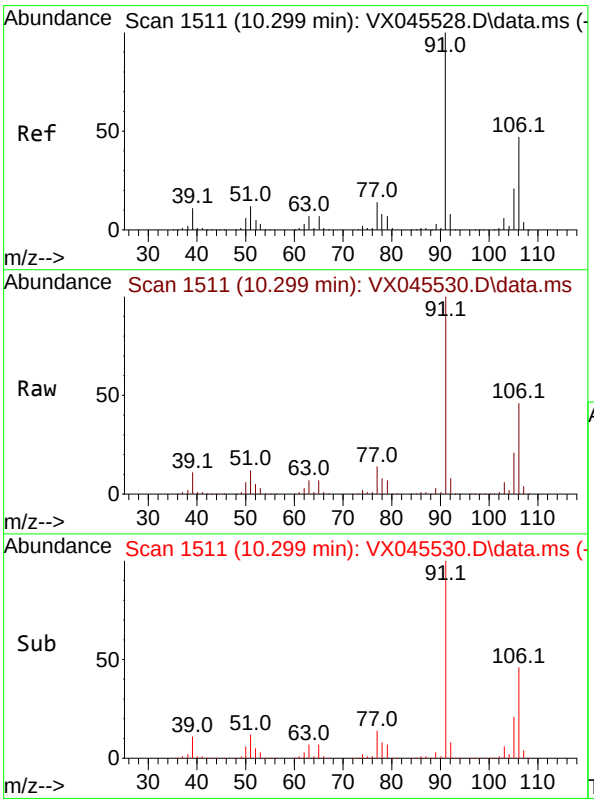
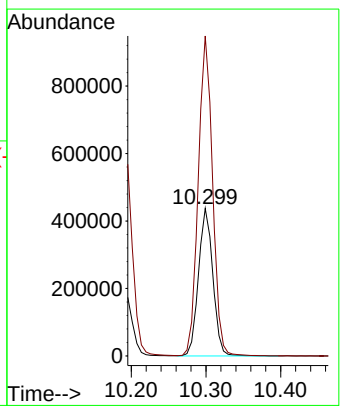
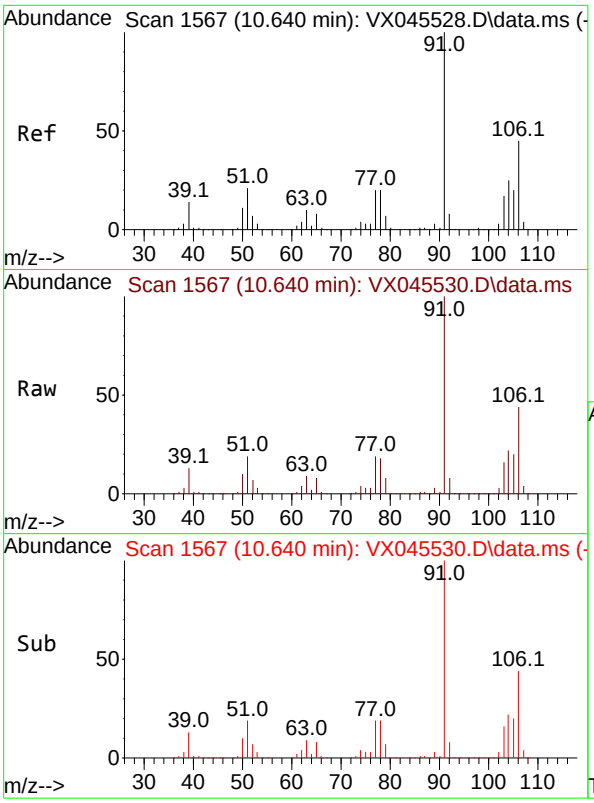


#68
m/p-Xylenes
Concen: 314.231 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:106 Resp: 583228

Ion	Ratio	Lower	Upper
106	100		
91	216.7	172.6	258.8

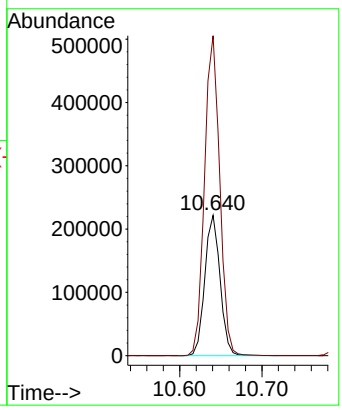




#69
o-Xylene
Concen: 156.241 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:106 Resp: 28567

Ion	Ratio	Lower	Upper
106	100		
91	227.6	113.6	340.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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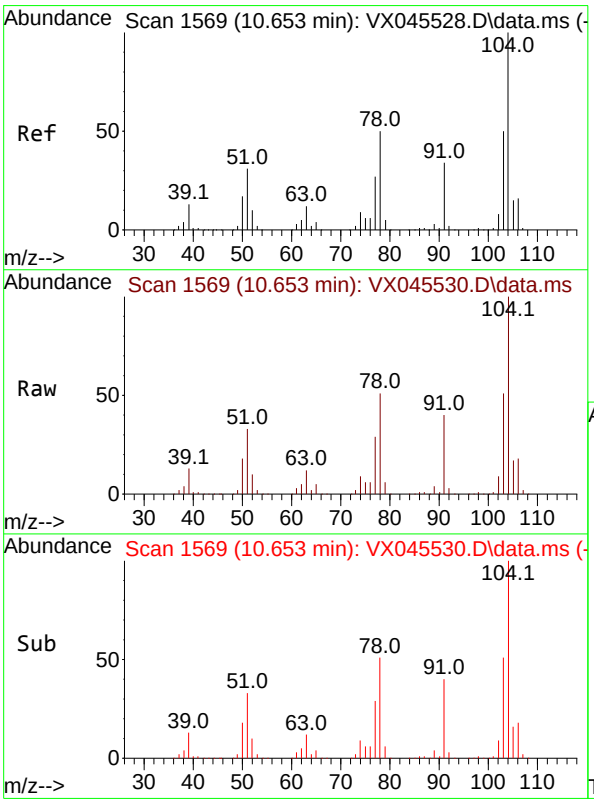
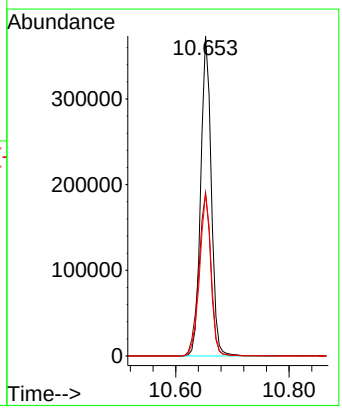
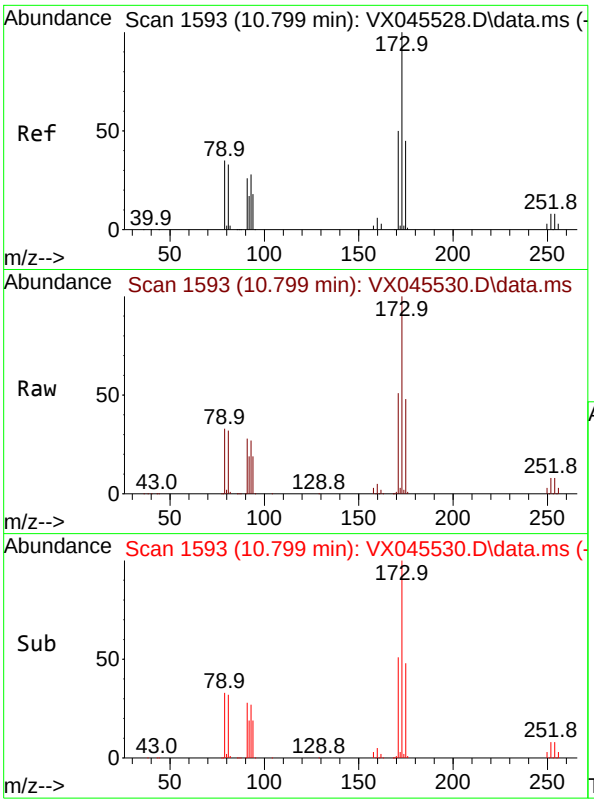


#70
Styrene
Concen: 159.299 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:104 Resp: 480722

Ion	Ratio	Lower	Upper
104	100		
78	57.9	45.4	68.2
103	55.4	43.8	65.8

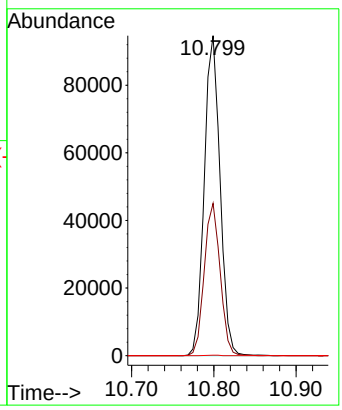




#71
Bromoform
Concen: 170.743 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:173 Resp: 12611

Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.4	70.2
254	0.1	0.0	0.0#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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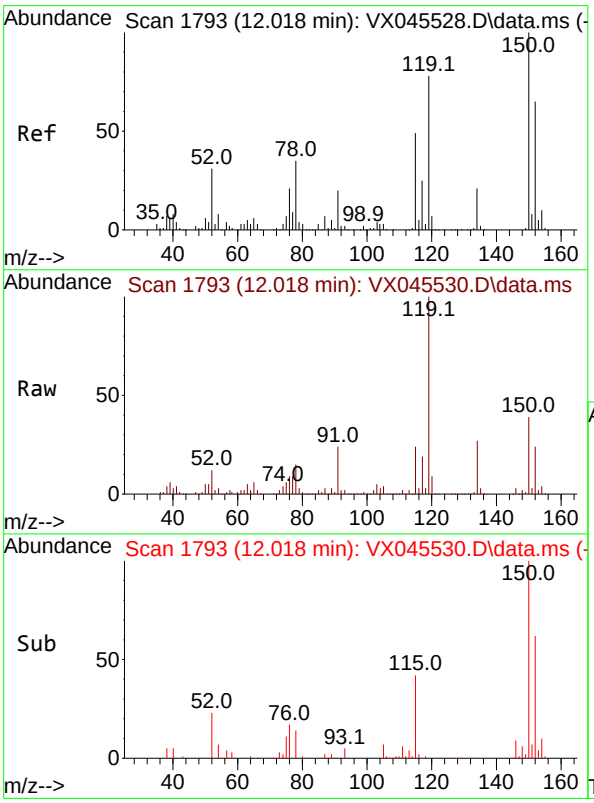
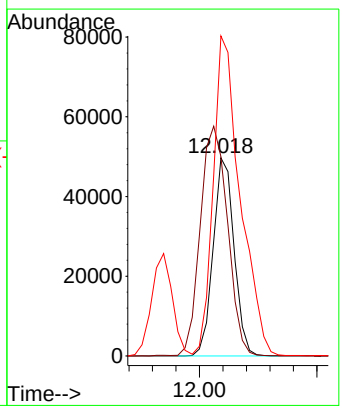
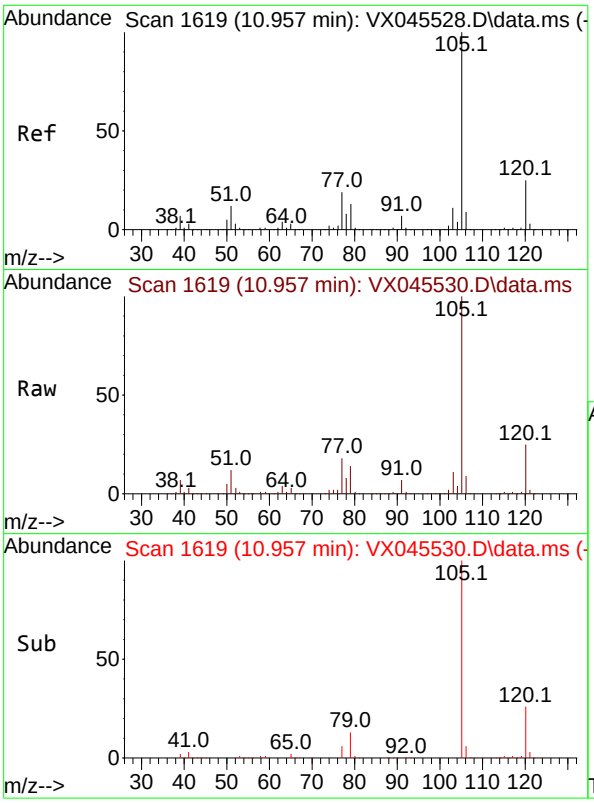


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:152 Resp: 61380

Ion	Ratio	Lower	Upper
152	100		
115	151.4	46.9	140.7#
150	208.6	0.0	349.4

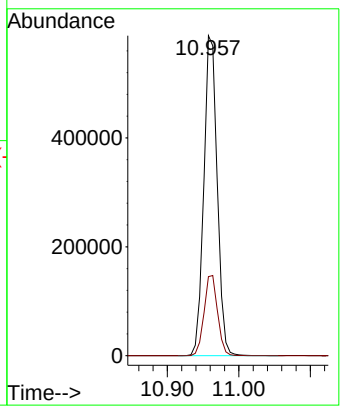




#73
Isopropylbenzene
Concen: 155.475 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:105 Resp: 76440

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.7	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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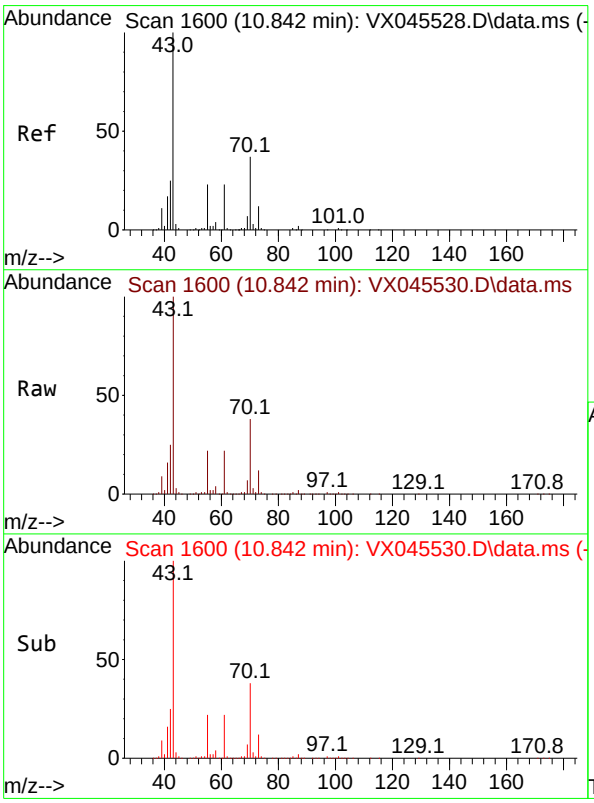
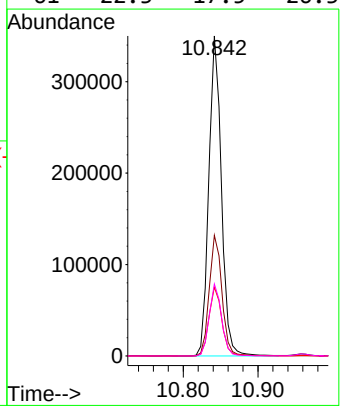
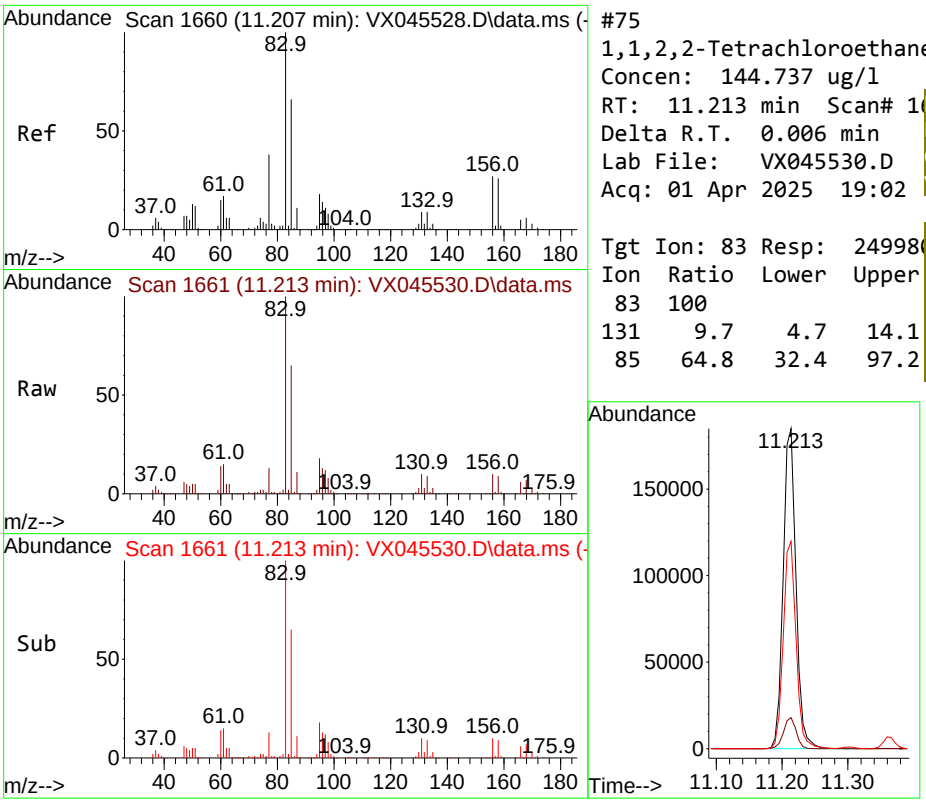


#74
N-amyl acetate
Concen: 173.877 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 43 Resp: 408934

Ion	Ratio	Lower	Upper
43	100		
70	38.3	30.1	45.1
55	22.0	18.3	27.5
61	22.3	17.5	26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 144.737 ug/l
RT: 11.213 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 83 Resp: 24998

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.7	14.1
85	64.8	32.4	97.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

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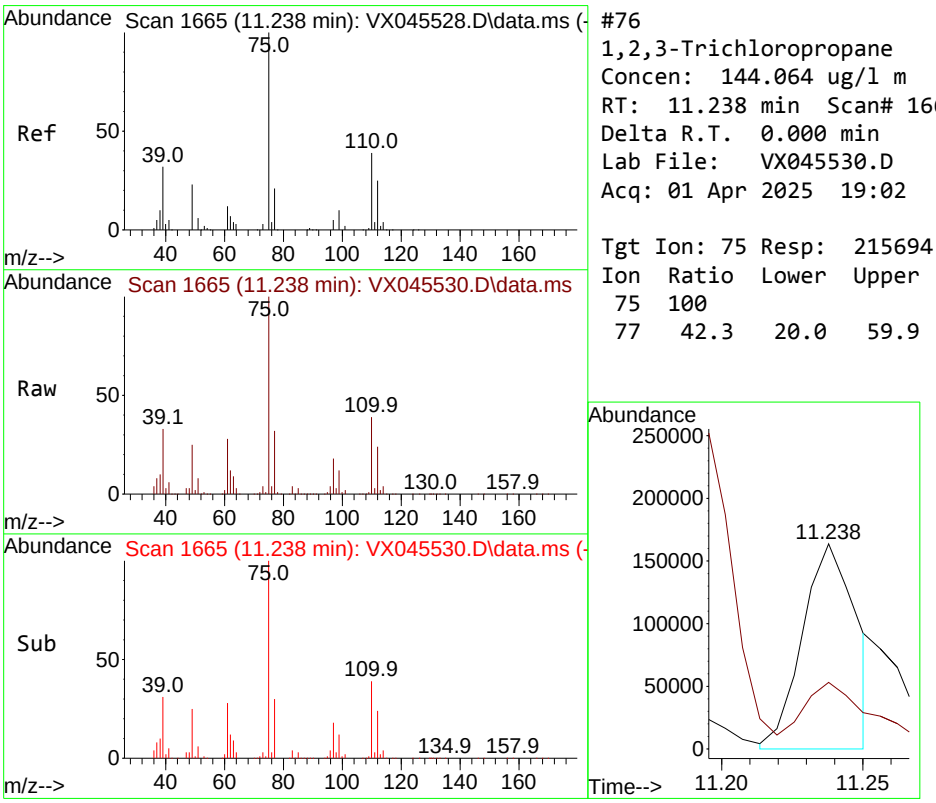
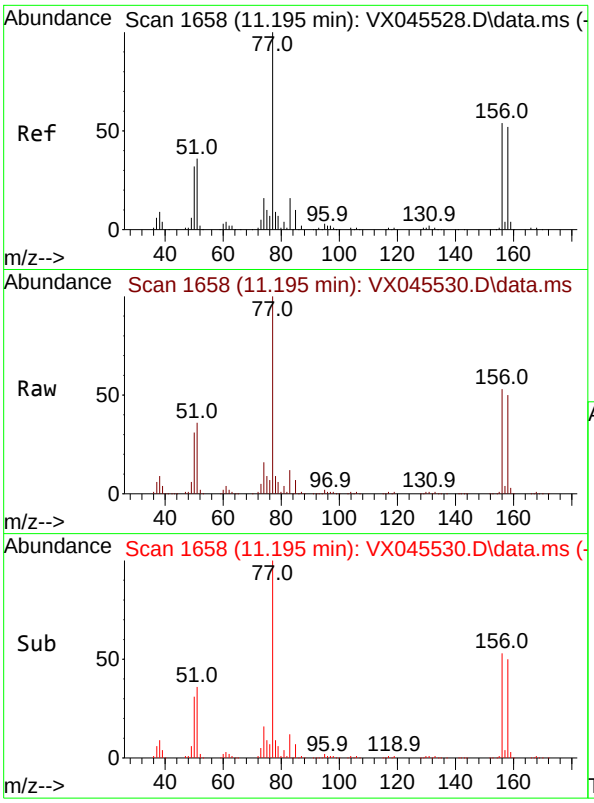


#76
1,2,3-Trichloropropane
Concen: 144.064 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 215694

Ion	Ratio	Lower	Upper
75	100		
77	42.3	20.0	59.9



#77
Bromobenzene
Concen: 151.033 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:156 Resp: 17157

Ion	Ratio	Lower	Upper
156	100		
77	185.8	92.6	277.8
158	95.3	48.1	144.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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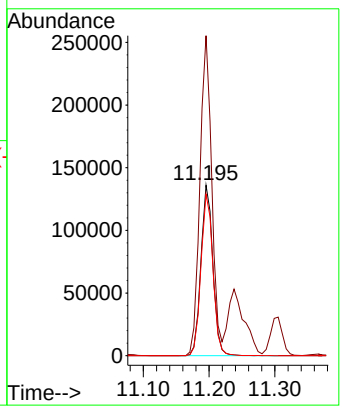
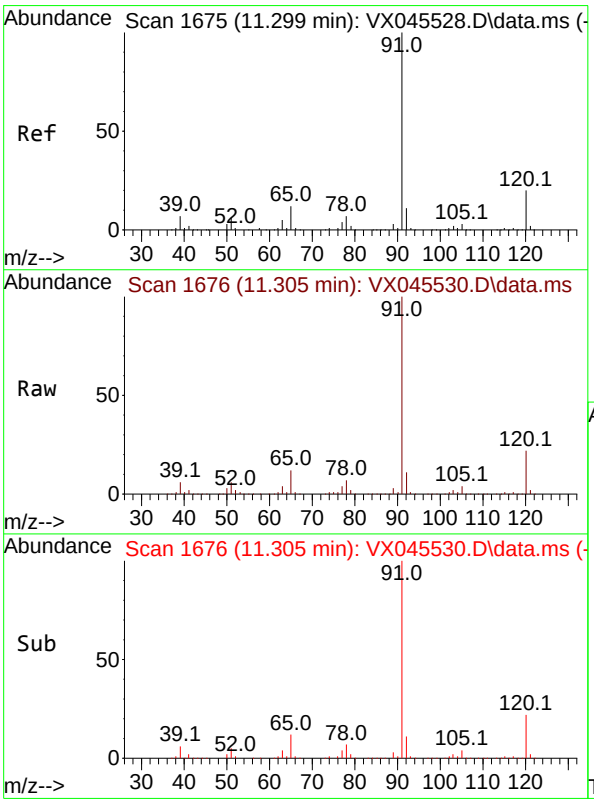
Supervised By :Mahesh Dadoda 04/02/2025

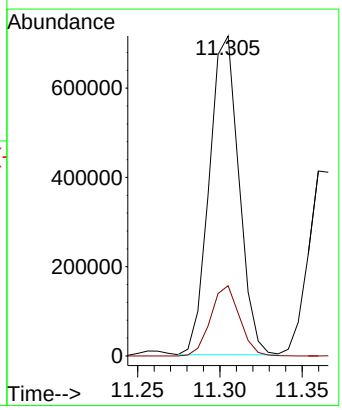


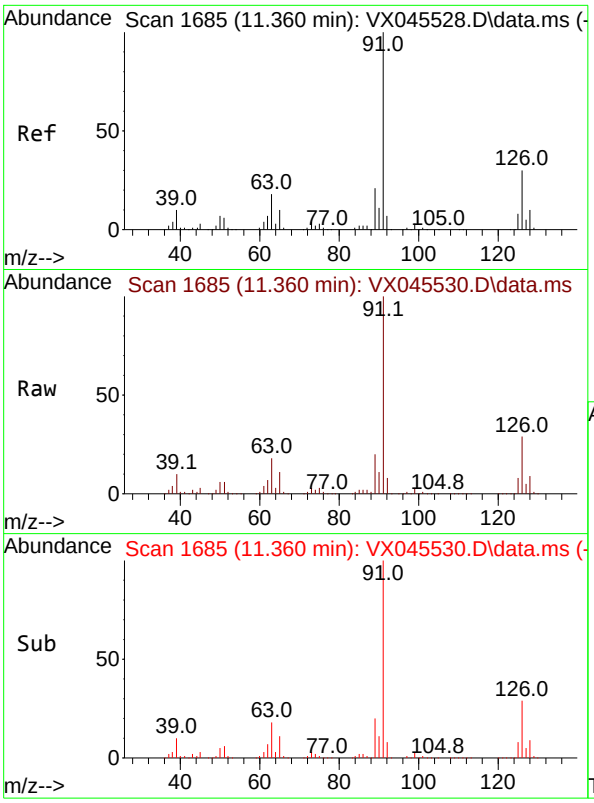


#78
n-propylbenzene
Concen: 158.408 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 91 Resp: 897084

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3





#79
2-Chlorotoluene
Concen: 148.399 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 91 Resp: 53726

Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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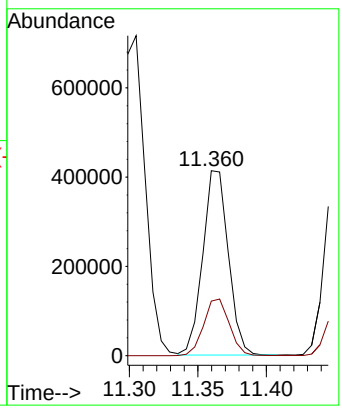
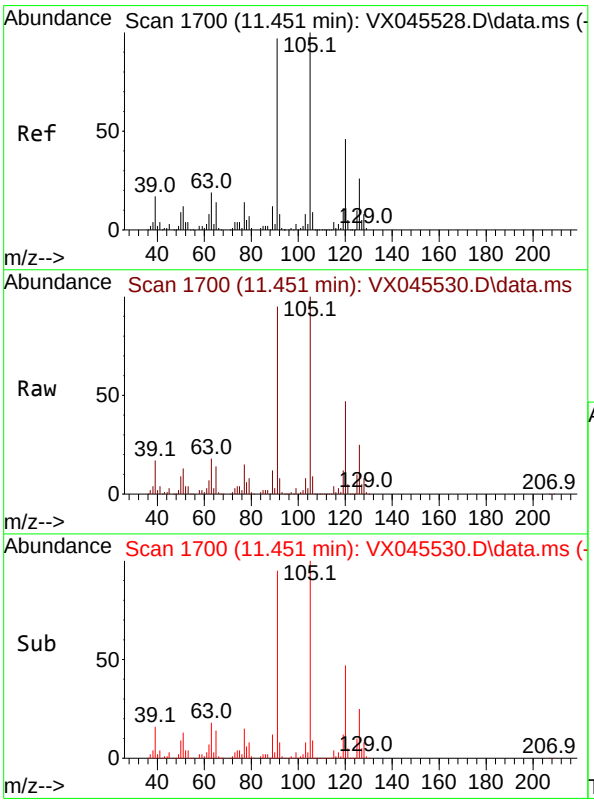
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

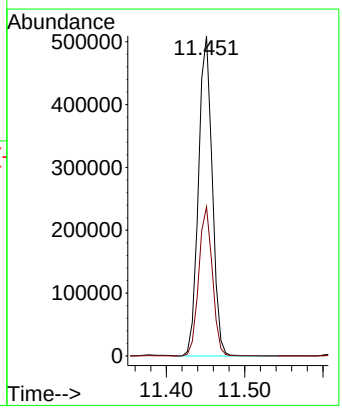


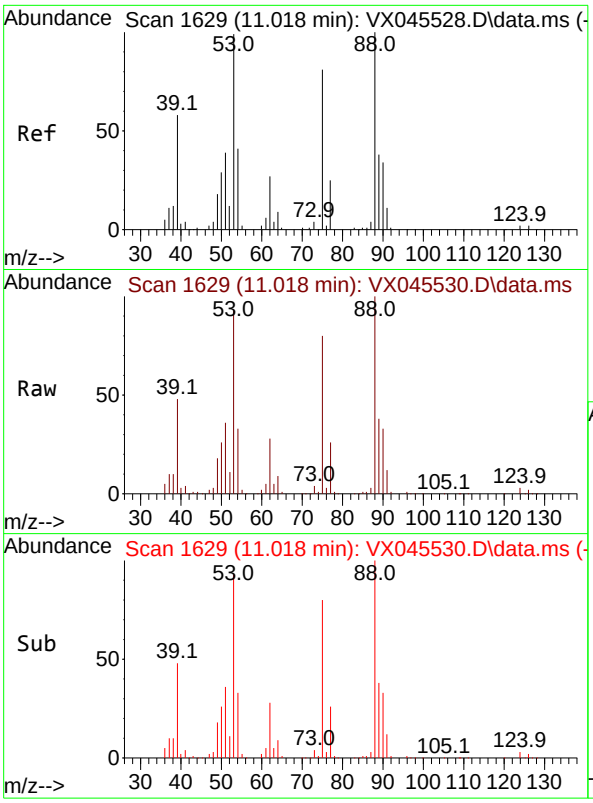


#80
1,3,5-Trimethylbenzene
Concen: 152.700 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:105 Resp: 620819

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.0	69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 178.636 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 7880

Ion	Ratio	Lower	Upper
75	100		
53	116.0	101.8	152.6
89	46.8	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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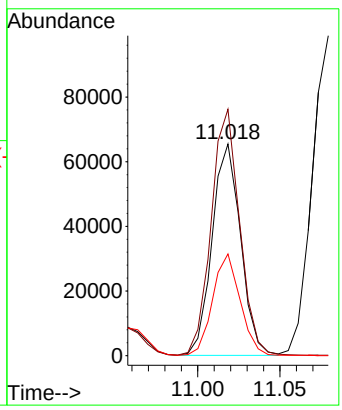
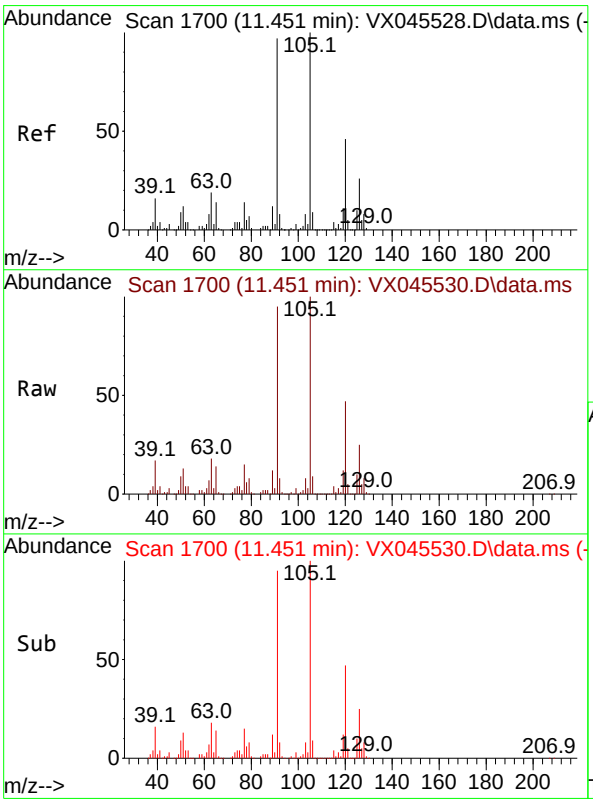
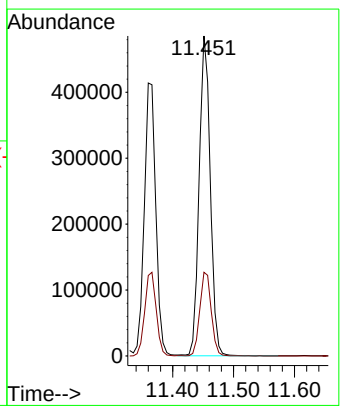


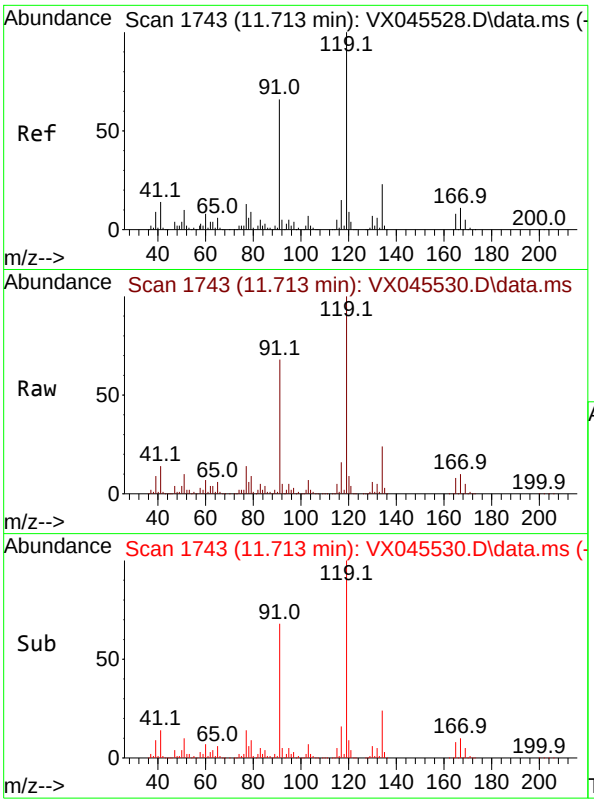


#82
4-Chlorotoluene
Concen: 152.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 91 Resp: 615594

Ion	Ratio	Lower	Upper
91	100		
126	26.9	13.3	39.9

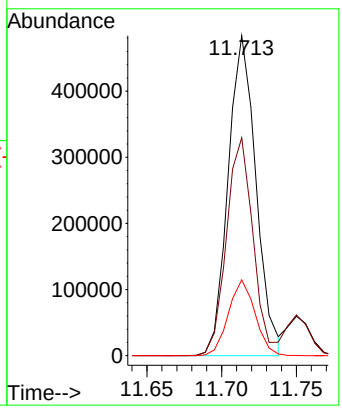




#83
tert-Butylbenzene
Concen: 155.783 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:119 Resp: 62703

Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.4	97.2
134	22.7	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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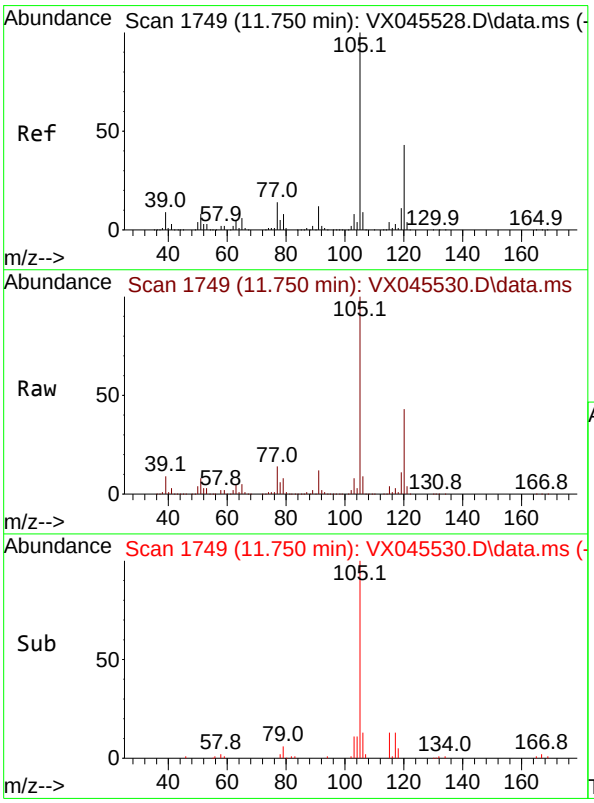
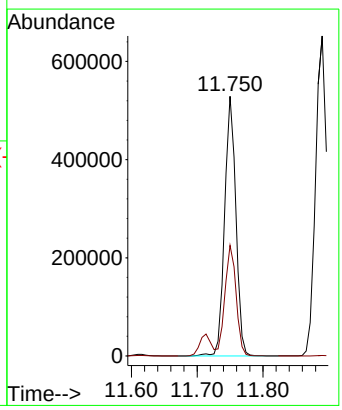
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

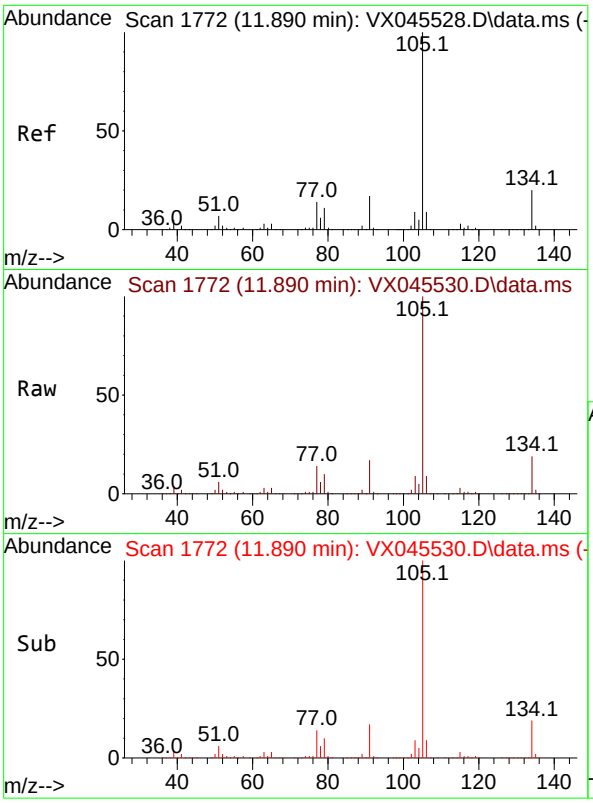


#84
1,2,4-Trimethylbenzene
Concen: 154.317 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:105 Resp: 629704

Ion	Ratio	Lower	Upper
105	100		
120	42.7	21.4	64.3

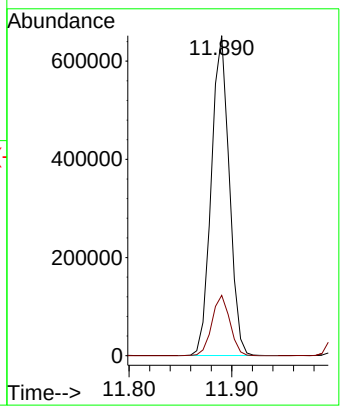




#85
sec-Butylbenzene
Concen: 159.869 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:105 Resp: 79035

Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.6	28.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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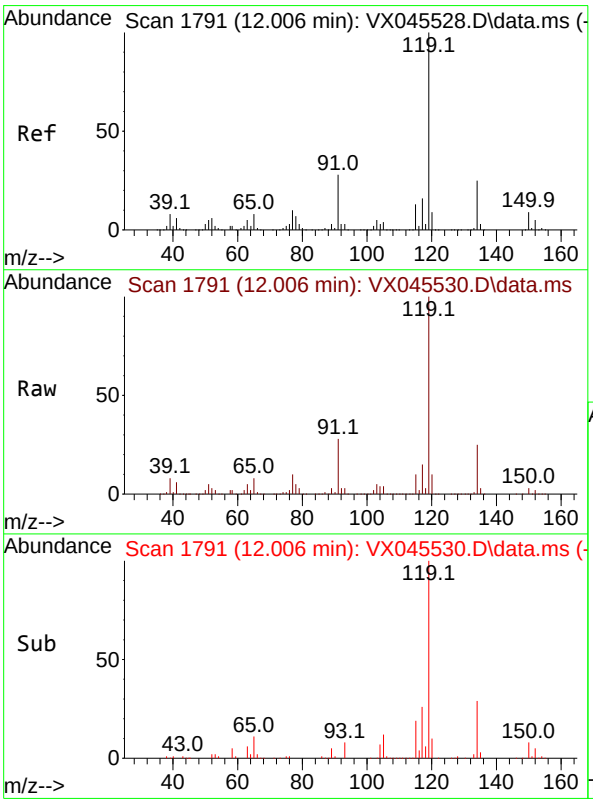
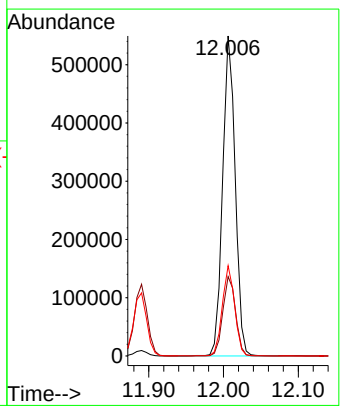
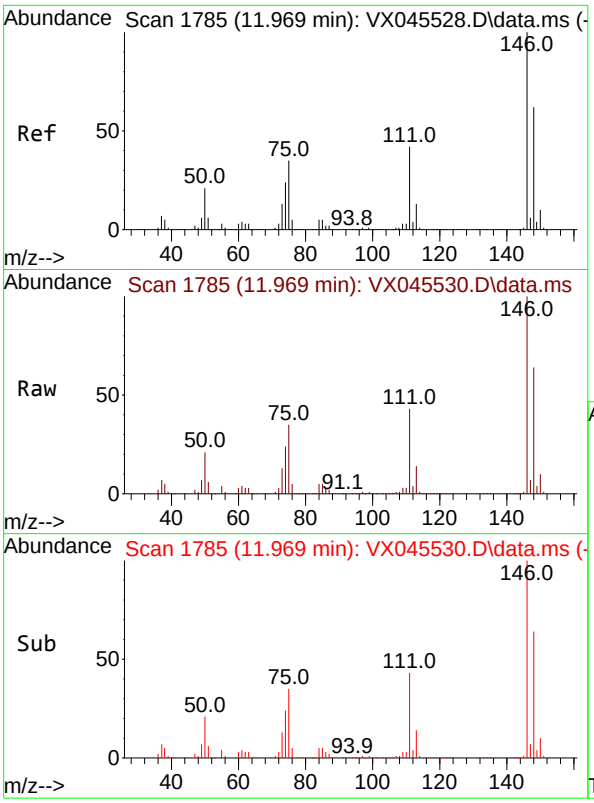


#86
p-Isopropyltoluene
Concen: 157.397 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:119 Resp: 641521

Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.6	37.8
91	27.6	13.7	41.1

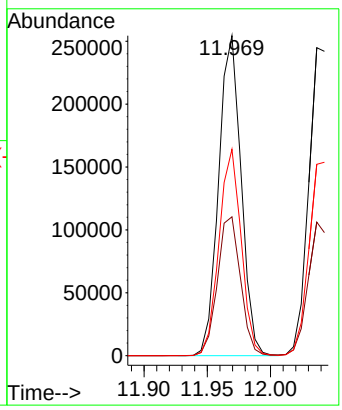




#87
1,3-Dichlorobenzene
Concen: 151.885 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:146 Resp: 31407

Ion	Ratio	Lower	Upper
146	100		
111	44.6	22.2	66.6
148	63.6	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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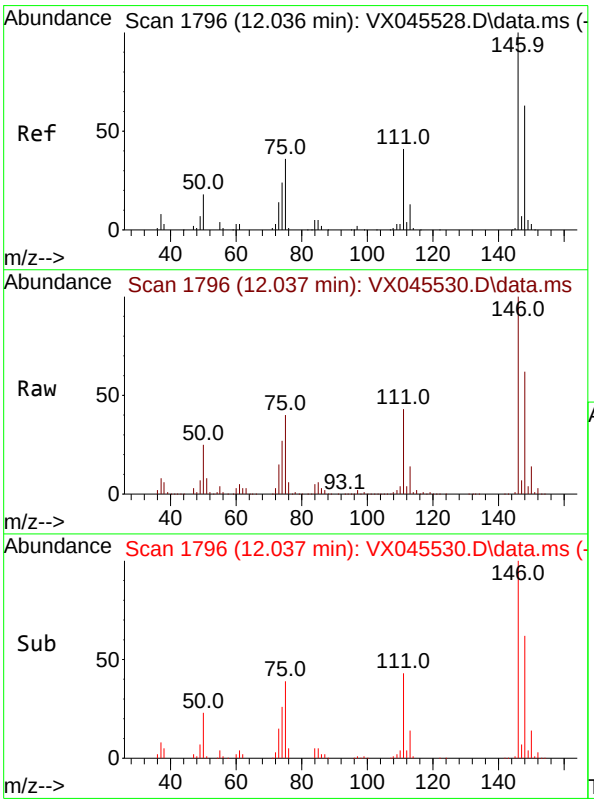
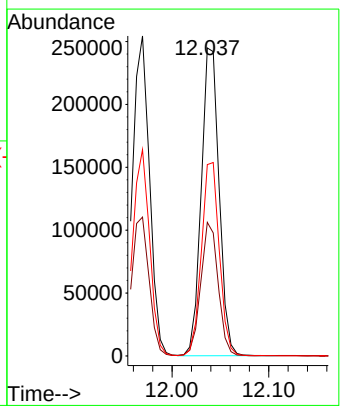
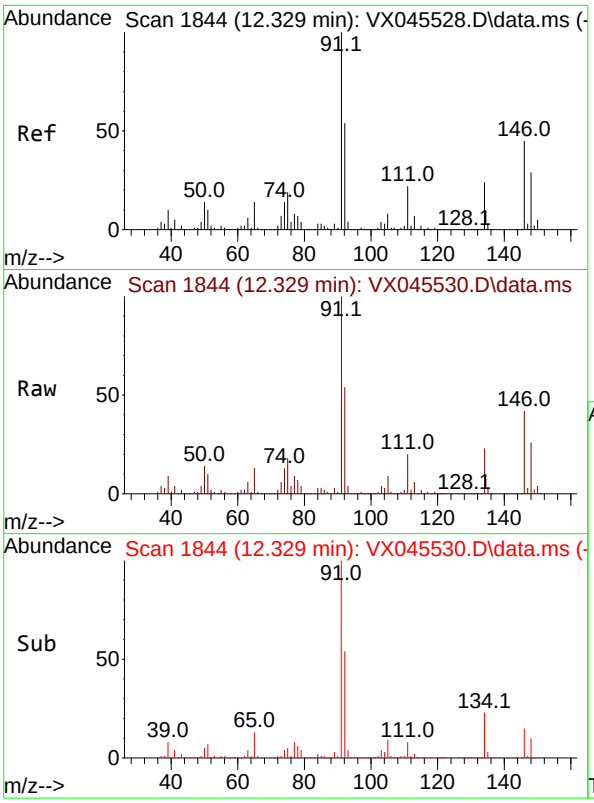


#88
1,4-Dichlorobenzene
Concen: 149.876 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:146 Resp: 314197

Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.8
148	63.5	31.5	94.5





#89
n-Butylbenzene
Concen: 171.019 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 91 Resp: 60444

Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.6
134	23.6	11.9	35.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
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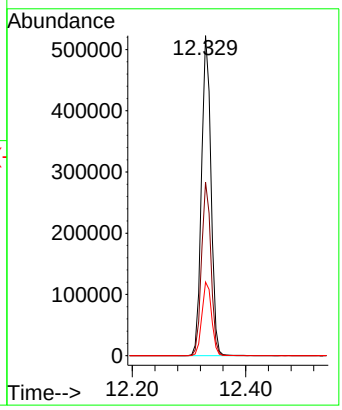
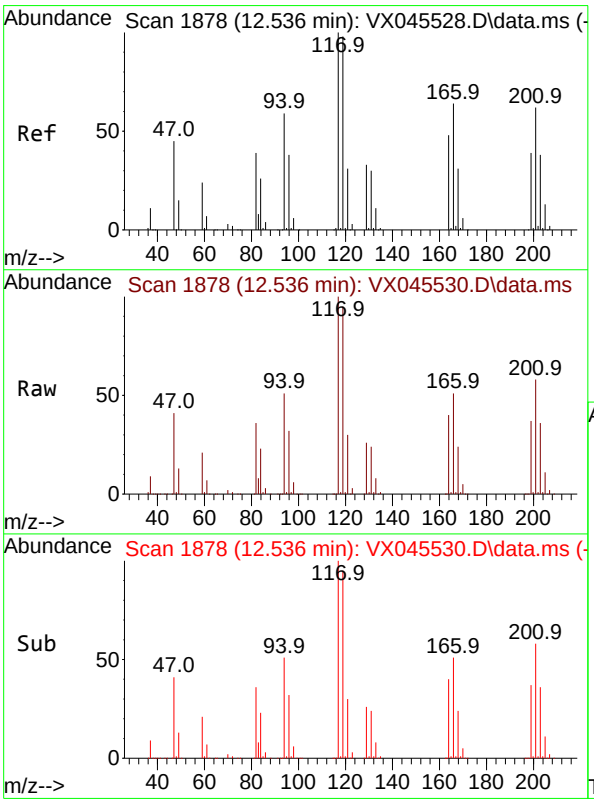
Supervised By :Mahesh Dadoda 04/02/2025

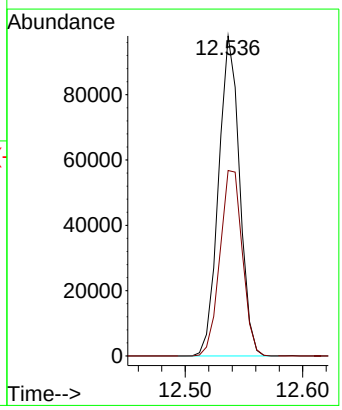


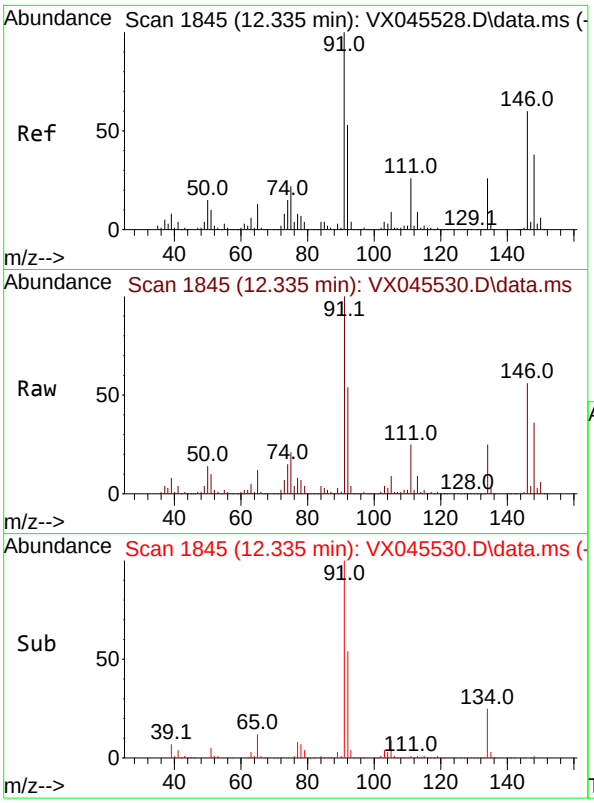


#90
Hexachloroethane
Concen: 173.829 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:117 Resp: 121761

Ion	Ratio	Lower	Upper
117	100		
201	61.9	31.2	93.6

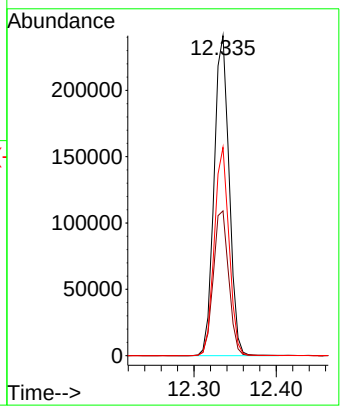




#91
1,2-Dichlorobenzene
Concen: 149.342 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:146 Resp: 30703

Ion	Ratio	Lower	Upper
146	100		
111	46.3	22.9	68.8
148	63.8	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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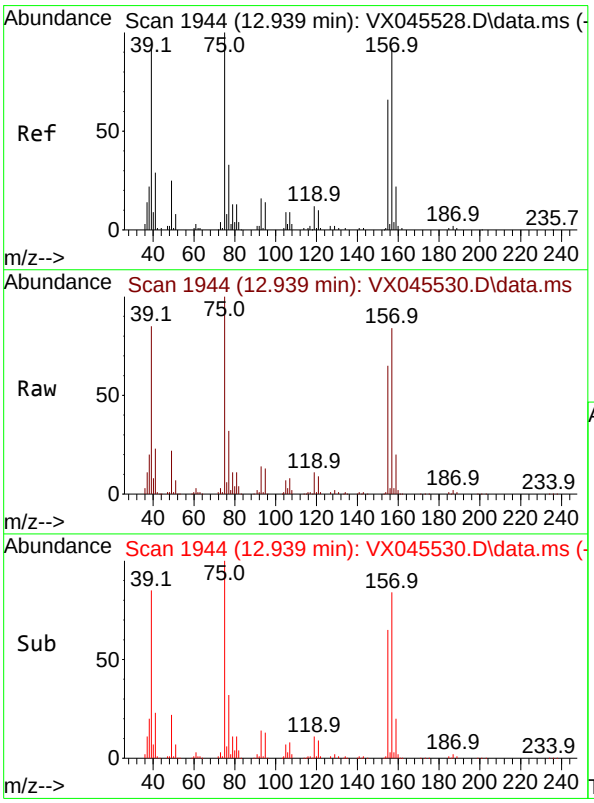
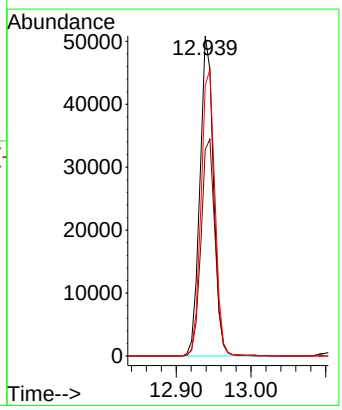
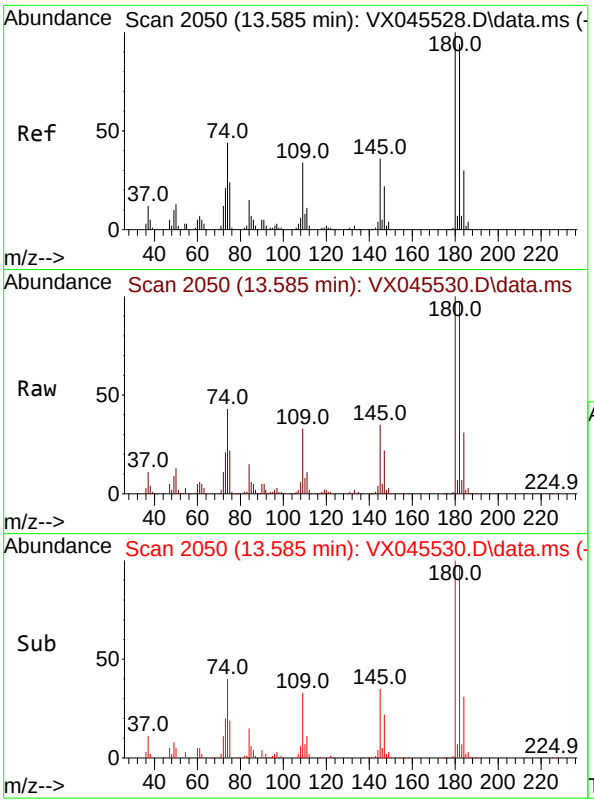


#92
1,2-Dibromo-3-Chloropropane
Concen: 178.062 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion: 75 Resp: 64317

Ion	Ratio	Lower	Upper
75	100		
155	69.7	34.9	104.7
157	91.3	44.9	134.7

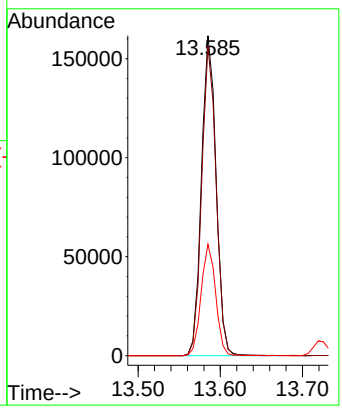




#93
1,2,4-Trichlorobenzene
Concen: 174.213 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:180 Resp: 19936

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.9	143.6
145	34.6	17.9	53.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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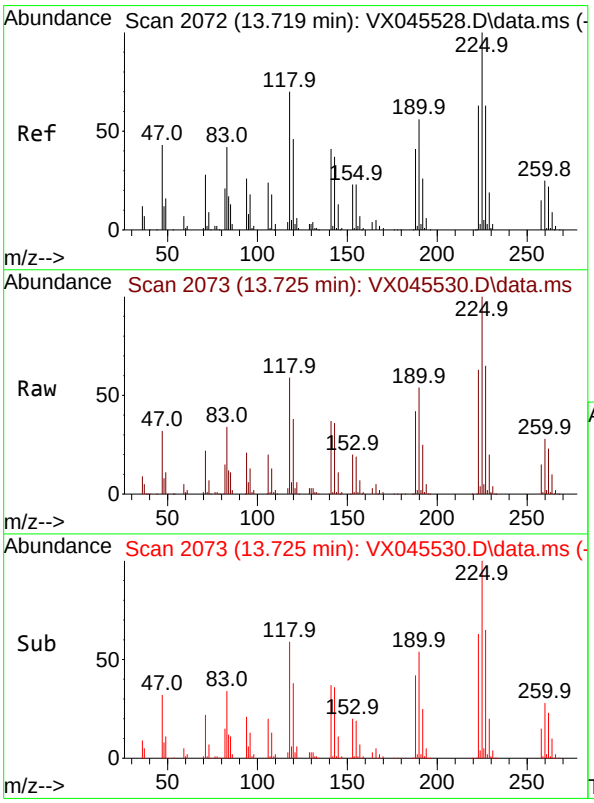
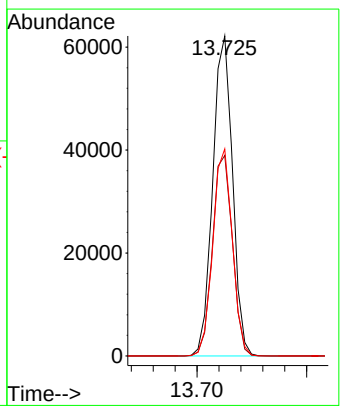
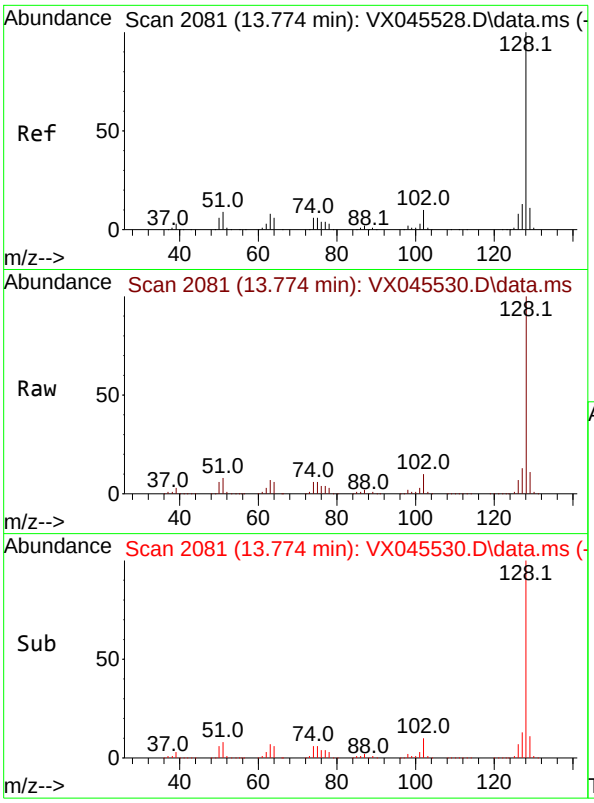


#94
Hexachlorobutadiene
Concen: 157.752 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:225 Resp: 77792

Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.3
227	63.8	32.2	96.6

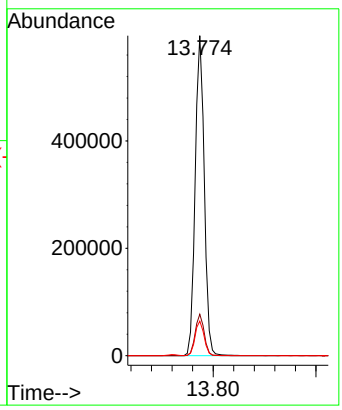




#95
Naphthalene
Concen: 172.191 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:128 Resp: 73330

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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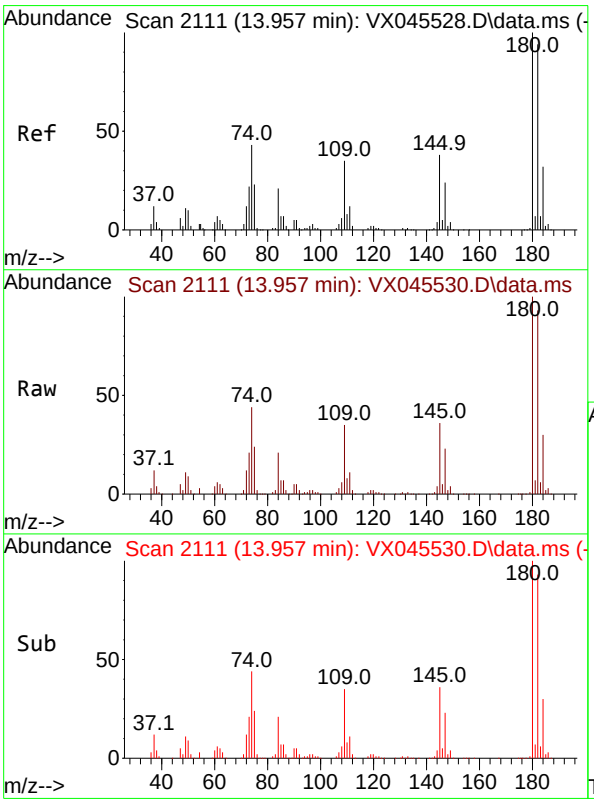
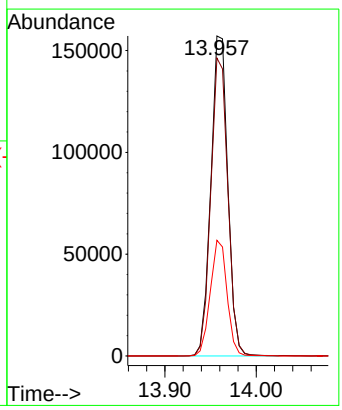


#96
1,2,3-Trichlorobenzene
Concen: 168.562 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045530.D
Acq: 01 Apr 2025 19:02

Tgt Ion:180 Resp: 201989

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.8
145	35.8	18.2	54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	96972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	174855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	152417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89251	50.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	5.379	113	61107	49.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.520%			
50) Toluene-d8	8.647	98	217200	50.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	80376	50.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	76070	52.454	ug/l	97
3) Chloromethane	1.301	50	72033	48.349	ug/l	99
4) Vinyl Chloride	1.374	62	66559	48.816	ug/l	99
5) Bromomethane	1.593	94	30379	46.991	ug/l	99
6) Chloroethane	1.672	64	37317	51.586	ug/l	100
7) Trichlorofluoromethane	1.880	101	102379	50.354	ug/l	96
8) Diethyl Ether	2.130	74	33603	49.228	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	59007	49.528	ug/l	98
10) Methyl Iodide	2.447	142	72261	48.626	ug/l	99
11) Tert butyl alcohol	2.971	59	58774	246.612	ug/l	99
12) 1,1-Dichloroethene	2.313	96	57888	49.726	ug/l	99
13) Acrolein	2.233	56	78156	238.141	ug/l	99
14) Allyl chloride	2.660	41	111636	50.541	ug/l	99
15) Acrylonitrile	3.062	53	186837	248.351	ug/l	100
16) Acetone	2.380	43	176153	241.904	ug/l	99
17) Carbon Disulfide	2.508	76	149677	52.057	ug/l	100
18) Methyl Acetate	2.703	43	81720	48.742	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	207487	50.950	ug/l	100
20) Methylene Chloride	2.782	84	66875	49.055	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	59229	49.800	ug/l	98
22) Diisopropyl ether	3.757	45	221449	50.895	ug/l	92
23) Vinyl Acetate	3.715	43	1005423	267.449	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122240	49.677	ug/l	99
25) 2-Butanone	4.550	43	271686	254.882	ug/l	97
26) 2,2-Dichloropropane	4.471	77	82704	52.020	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	71072	49.049	ug/l	98
28) Bromochloromethane	4.891	49	57557	48.403	ug/l	99
29) Tetrahydrofuran	5.001	42	172405	249.473	ug/l	100
30) Chloroform	5.086	83	125621	49.614	ug/l	98
31) Cyclohexane	5.458	56	107862	49.583	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	107830	50.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	83901	50.088	ug/l	99
37) Ethyl Acetate	4.708	43	105095	49.787	ug/l	98
38) Carbon Tetrachloride	5.672	117	91723	50.667	ug/l	100
39) Methylcyclohexane	7.373	83	102919	50.124	ug/l	99
40) Benzene	6.031	78	251758	49.212	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	59140	53.098	ug/l		99
42) 1,2-Dichloroethane	6.080	62	103270	48.875	ug/l		100
43) Isopropyl Acetate	6.336	43	164894	51.539	ug/l		100
44) Trichloroethene	7.123	130	57931	47.643	ug/l		92
45) 1,2-Dichloropropane	7.421	63	63210	49.521	ug/l		95
46) Dibromomethane	7.574	93	47564	48.542	ug/l		97
47) Bromodichloromethane	7.818	83	96418	49.273	ug/l		96
48) Methyl methacrylate	7.690	41	85084	51.507	ug/l		99
49) 1,4-Dioxane	7.659	88	28552	955.327	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	540822	254.994	ug/l		100
52) Toluene	8.714	92	151664	48.994	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	87744	46.783	ug/l		98
54) cis-1,3-Dichloropropene	8.360	75	99074	53.878	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	60452	49.007	ug/l		97
56) Ethyl methacrylate	9.116	69	102525	53.705	ug/l		100
57) 1,3-Dichloropropane	9.305	76	107121	49.869	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	251285	260.201	ug/l		99
59) 2-Hexanone	9.427	43	395336	251.710	ug/l		100
60) Dibromochloromethane	9.519	129	68562	50.983	ug/l		99
61) 1,2-Dibromoethane	9.604	107	63301	50.693	ug/l		100
64) Tetrachloroethene	9.269	164	50834	47.239	ug/l		99
65) Chlorobenzene	10.073	112	163518	50.207	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	57096	50.495	ug/l		99
67) Ethyl Benzene	10.189	91	300747	51.558	ug/l		100
68) m/p-Xylenes	10.299	106	217943	102.728	ug/l		99
69) o-Xylene	10.640	106	107947	51.650	ug/l		100
70) Styrene	10.653	104	181524	52.624	ug/l		100
71) Bromoform	10.799	173	44489	52.694	ug/l	#	98
73) Isopropylbenzene	10.957	105	286010	52.794	ug/l		100
74) N-amyl acetate	10.842	43	140941	54.387	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92505	48.608	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	82060m	49.741	ug/l		
77) Bromobenzene	11.195	156	63244	50.525	ug/l		98
78) n-propylbenzene	11.299	91	336753	53.967	ug/l		100
79) 2-Chlorotoluene	11.360	91	203677	51.057	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	239822	53.534	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25511	52.482	ug/l		98
82) 4-Chlorotoluene	11.451	91	233159	52.422	ug/l		100
83) tert-Butylbenzene	11.713	119	236276	53.274	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	238257	52.990	ug/l		100
85) sec-Butylbenzene	11.890	105	293633	53.903	ug/l		100
86) p-Isopropyltoluene	12.006	119	244031	54.337	ug/l		99
87) 1,3-Dichlorobenzene	11.963	146	115113	50.521	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	113458	49.117	ug/l		97
89) n-Butylbenzene	12.329	91	214931	55.189	ug/l		99
90) Hexachloroethane	12.536	117	41729	54.066	ug/l		98
91) 1,2-Dichlorobenzene	12.329	146	113126	49.938	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21184	53.226	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	65488	51.935	ug/l		98
94) Hexachlorobutadiene	13.725	225	27147	49.961	ug/l		99
95) Naphthalene	13.774	128	247600	52.765	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	66542	50.396	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

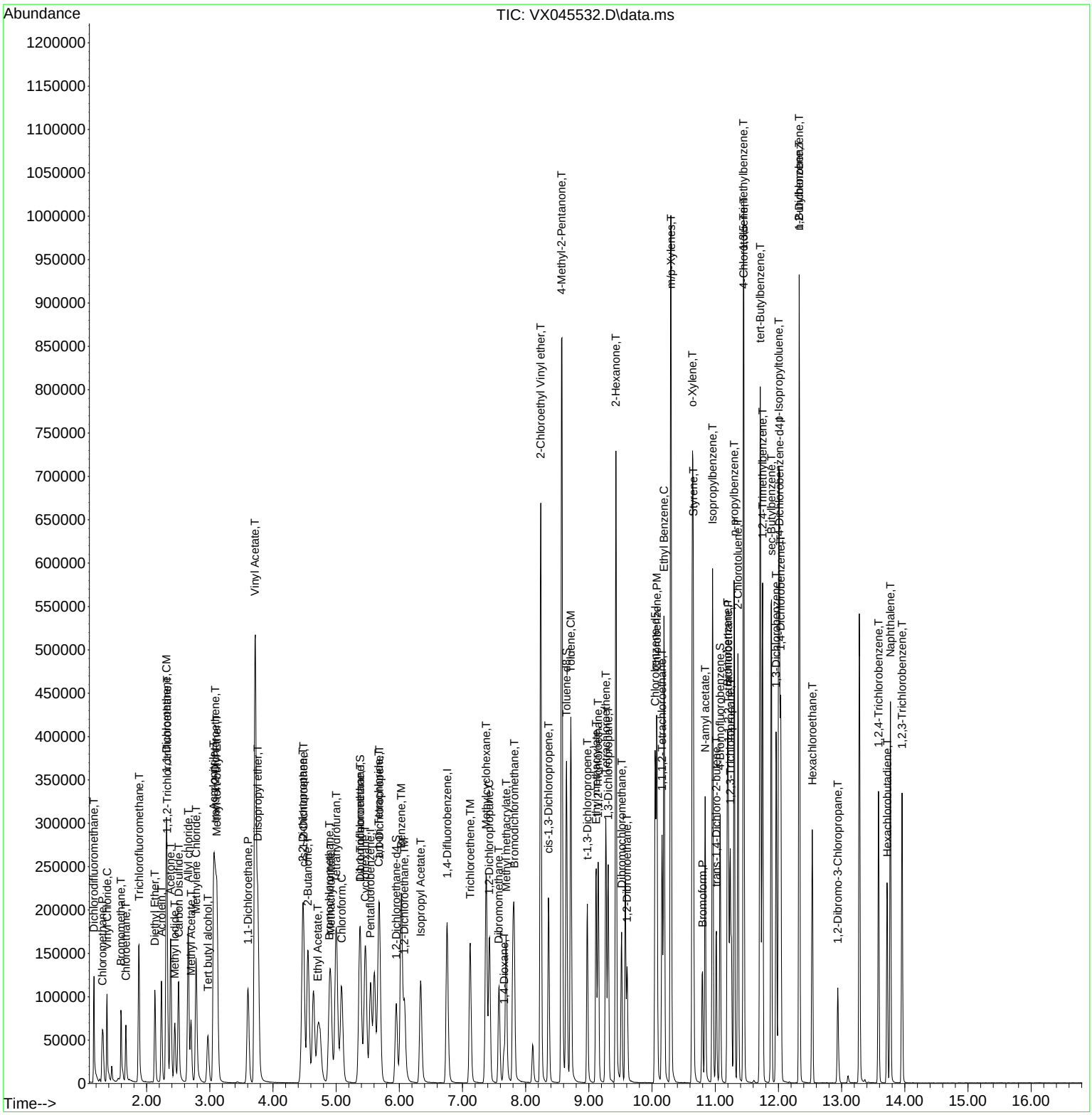
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

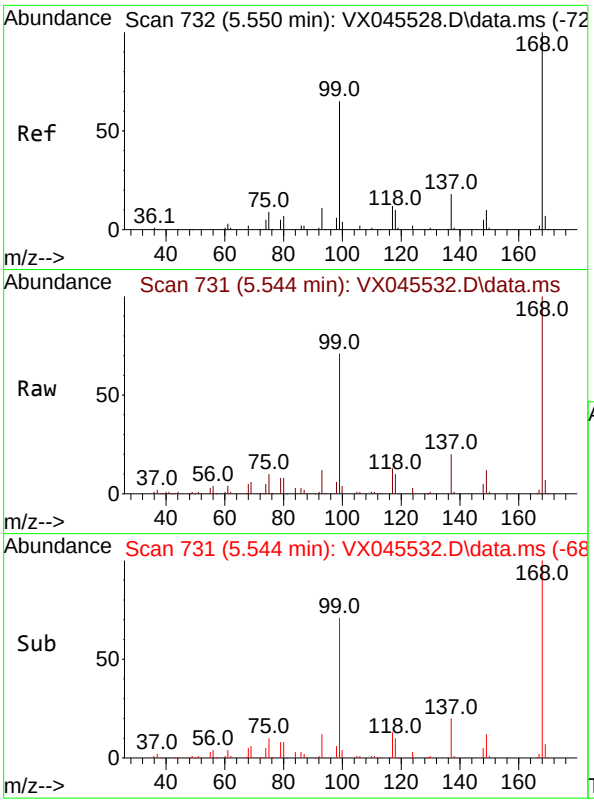
Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

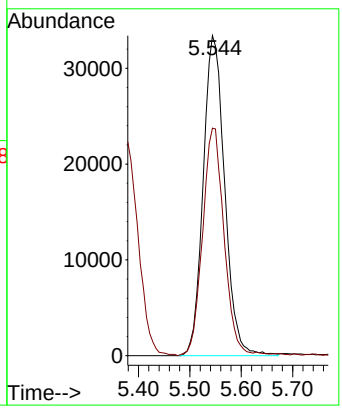




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:168 Resp: 9697

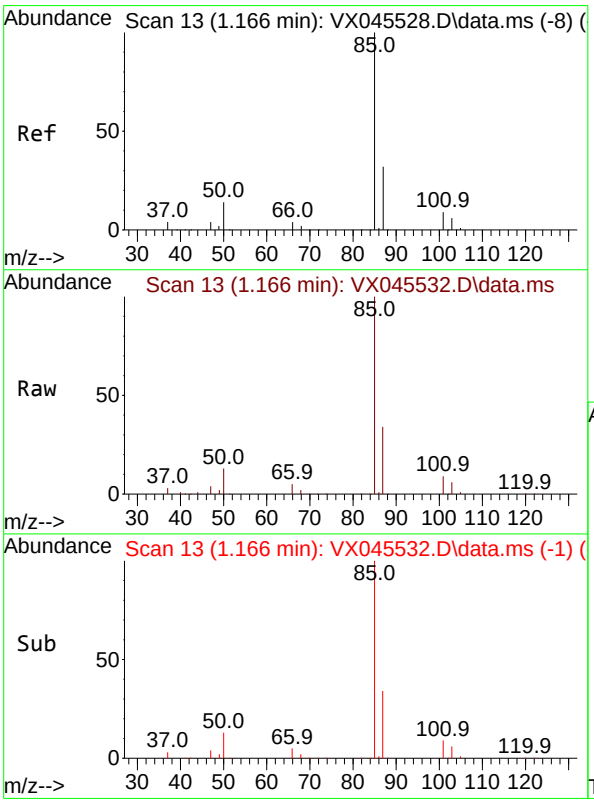
Ion	Ratio	Lower	Upper
168	100		
99	71.1	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

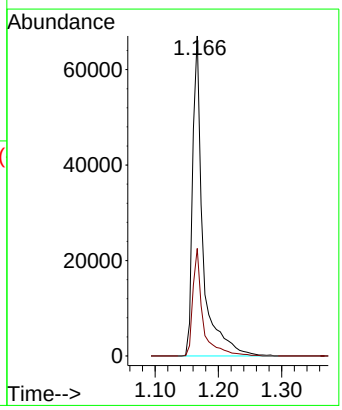
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

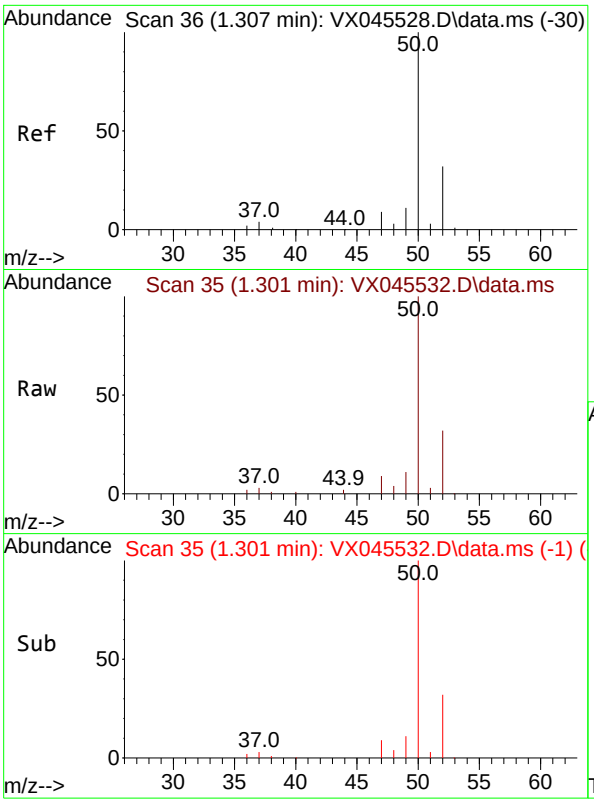


#2
Dichlorodifluoromethane
Concen: 52.454 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 85 Resp: 76070

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.1	48.2

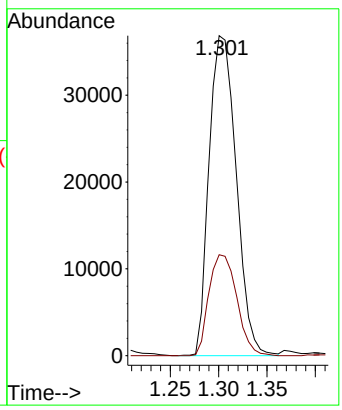




#3
Chloromethane
Concen: 48.349 ug/l
RT: 1.301 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 50 Resp: 7203

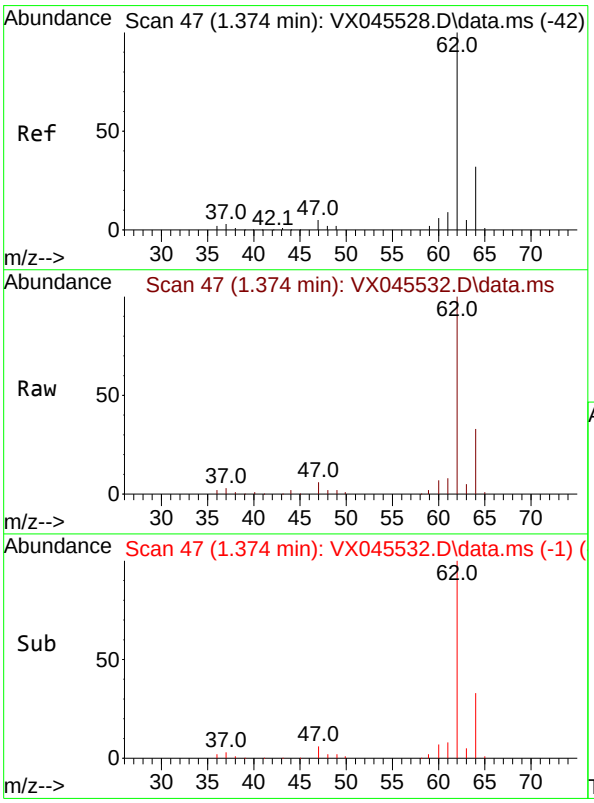
Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

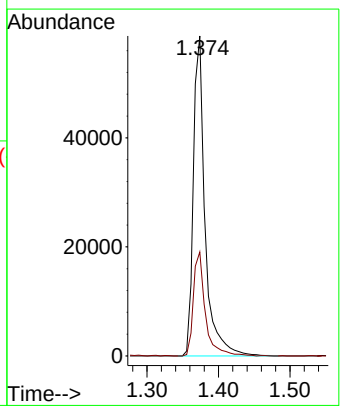
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

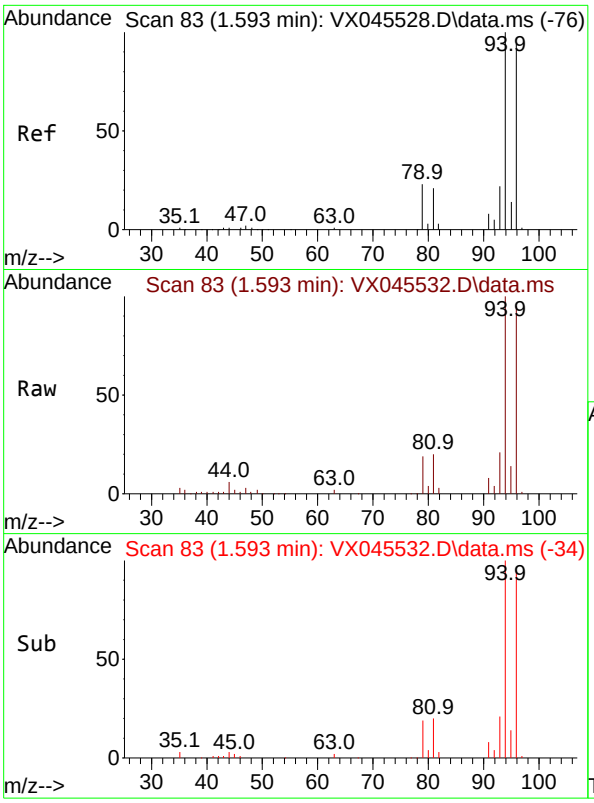


#4
Vinyl Chloride
Concen: 48.816 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 62 Resp: 66559

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.5	38.3

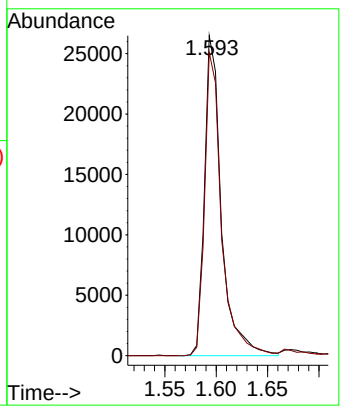




#5
Bromomethane
Concen: 46.991 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 94 Resp: 3037

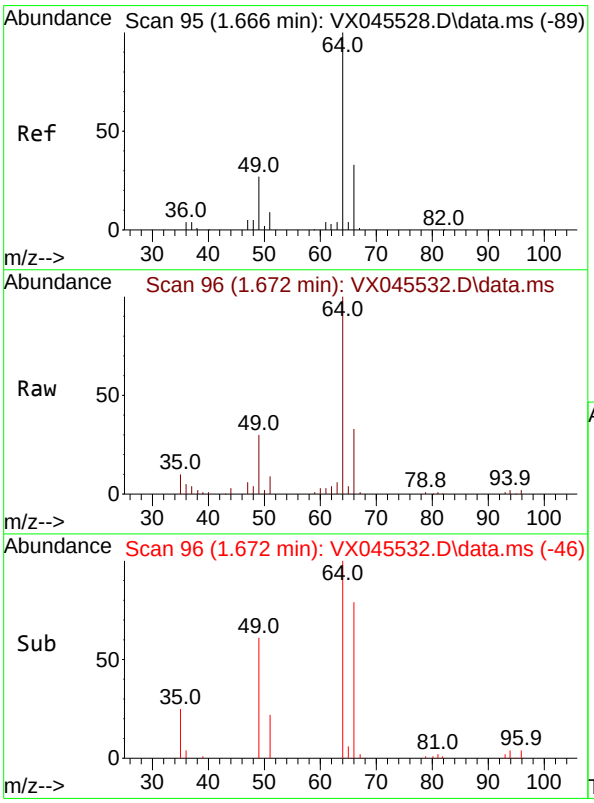
Ion	Ratio	Lower	Upper
94	100		
96	94.7	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
APPROVED

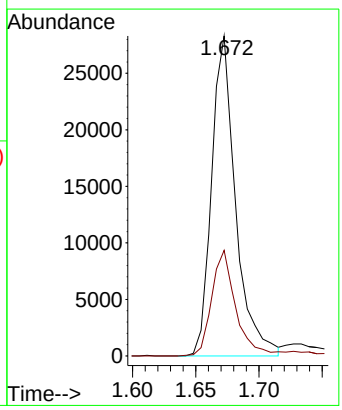
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

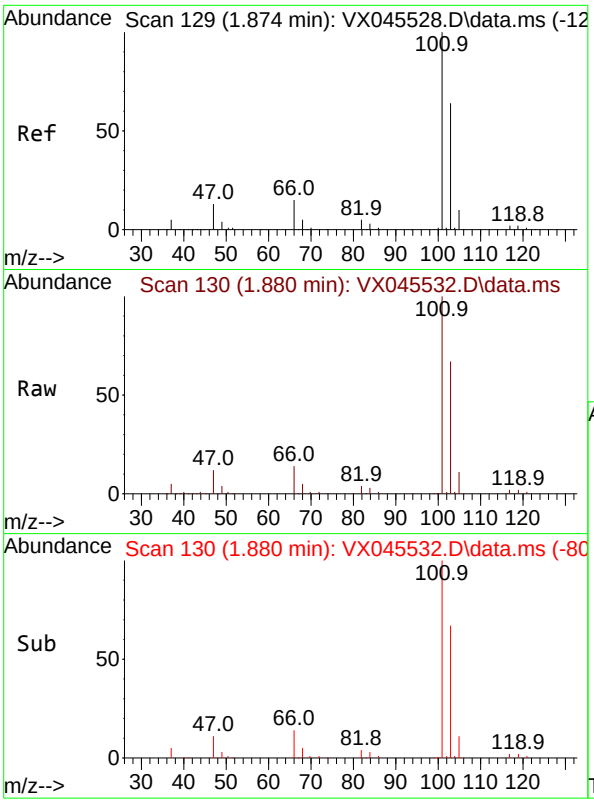


#6
Chloroethane
Concen: 51.586 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 64 Resp: 37317

Ion	Ratio	Lower	Upper
64	100		
66	33.0	26.3	39.5

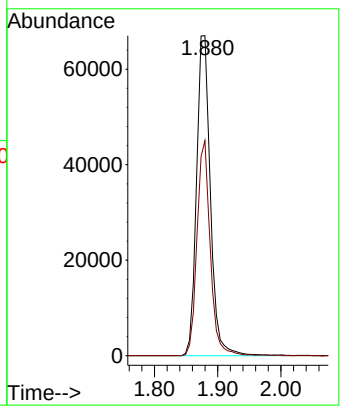




#7
Trichlorofluoromethane
Concen: 50.354 ug/l
RT: 1.880 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:101 Resp: 10237

Ion	Ratio	Lower	Upper
101	100		
103	67.2	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

Reviewed By :Amit Patel 04/02/2025
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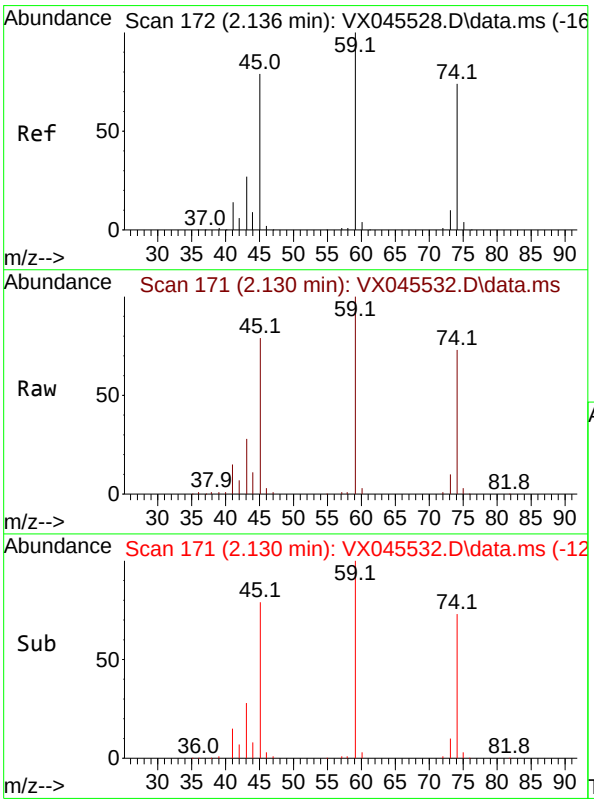
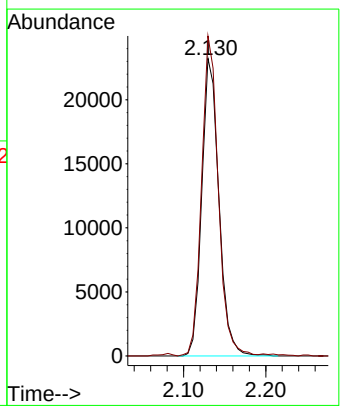
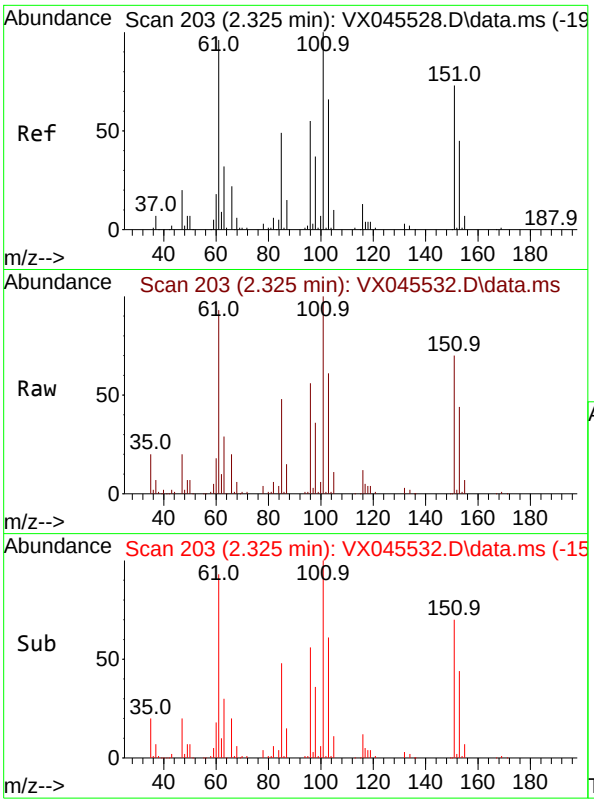


#8
Diethyl Ether
Concen: 49.228 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 74 Resp: 33603

Ion	Ratio	Lower	Upper
74	100		
45	105.2	53.0	159.1

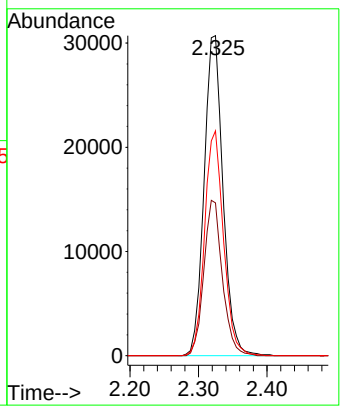




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.528 ug/l
RT: 2.325 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:101 Resp: 5900

Ion	Ratio	Lower	Upper
101	100		
85	47.5	38.9	58.3
151	70.1	57.5	86.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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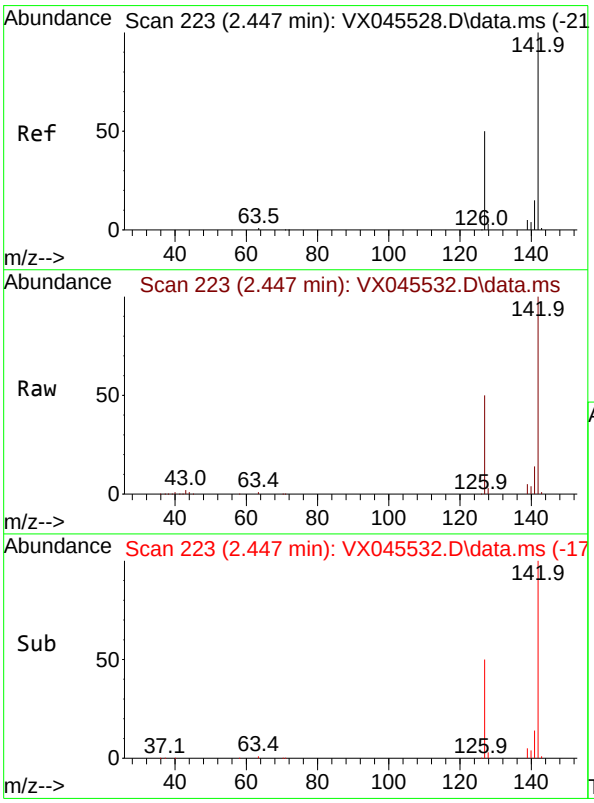
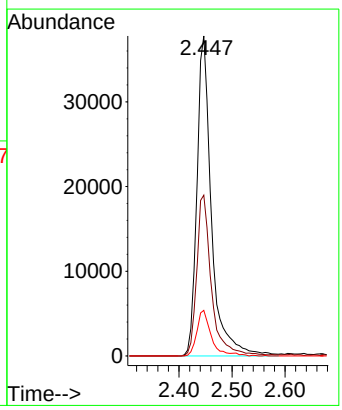
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

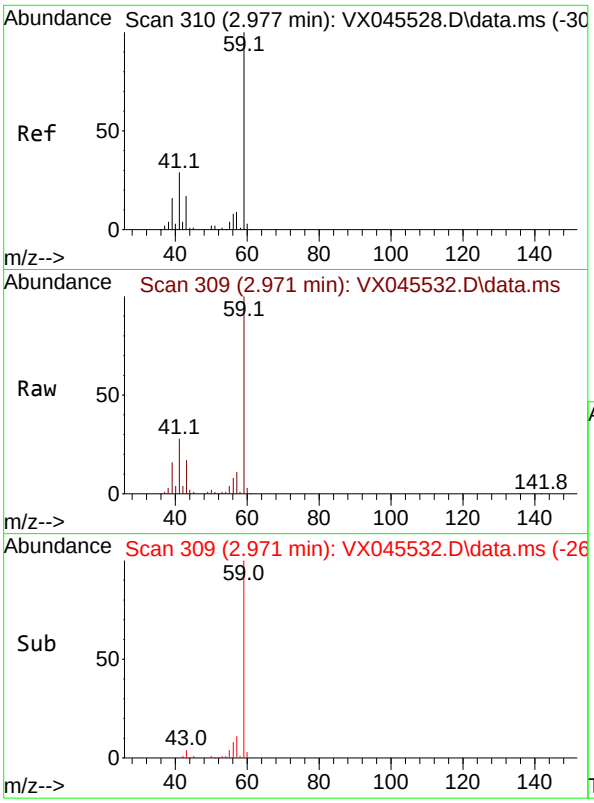


#10
Methyl Iodide
Concen: 48.626 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:142 Resp: 72261

Ion	Ratio	Lower	Upper
142	100		
127	50.6	40.2	60.4
141	14.1	11.7	17.5

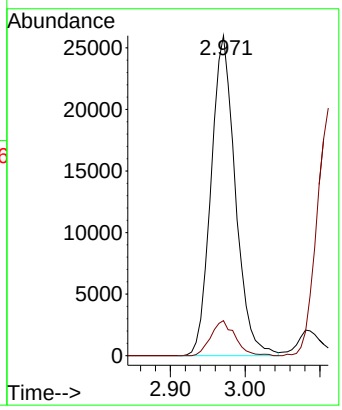




#11
Tert butyl alcohol
Concen: 246.612 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 59 Resp: 5877

Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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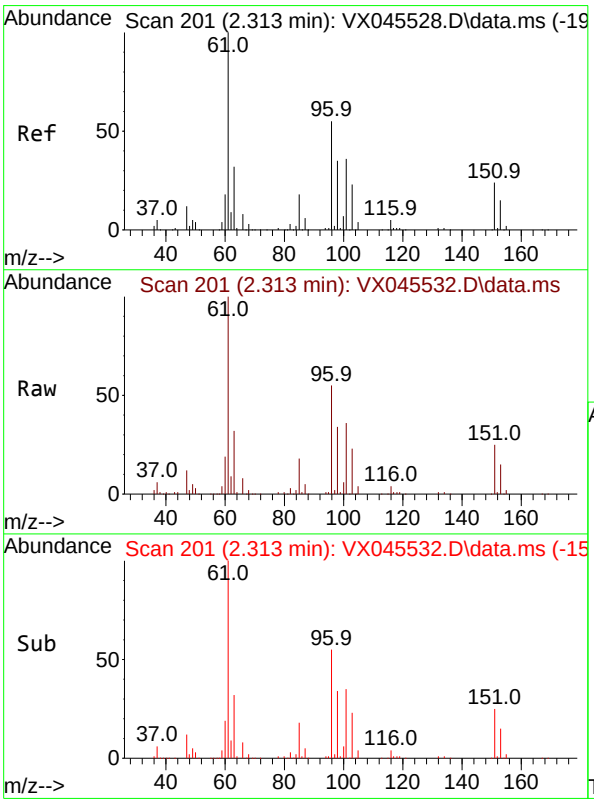
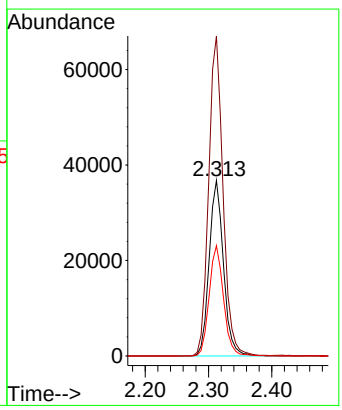
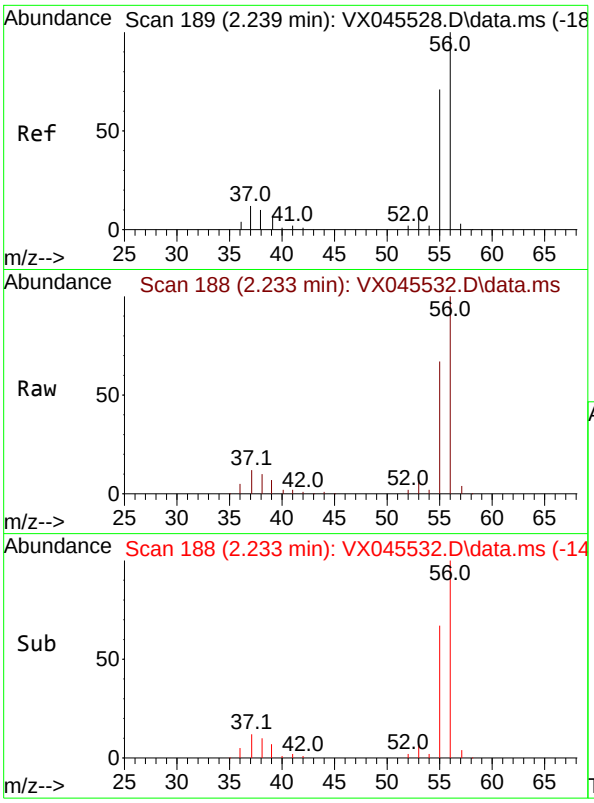


#12
1,1-Dichloroethene
Concen: 49.726 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 96 Resp: 57888

Ion	Ratio	Lower	Upper
96	100		
61	182.3	145.7	218.5
98	62.8	51.6	77.4

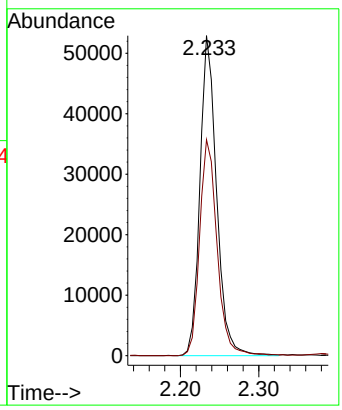




#13
Acrolein
Concen: 238.141 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 56 Resp: 7815

Ion	Ratio	Lower	Upper
56	100		
55	71.0	56.2	84.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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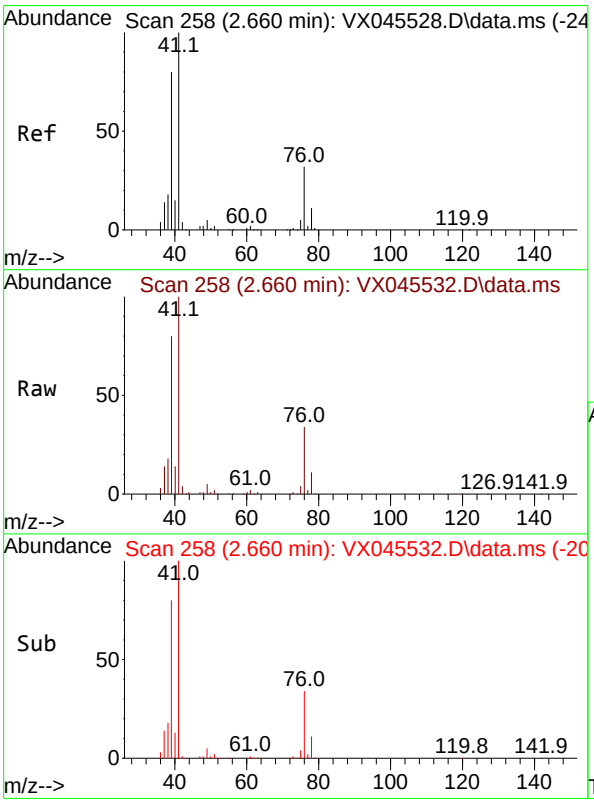
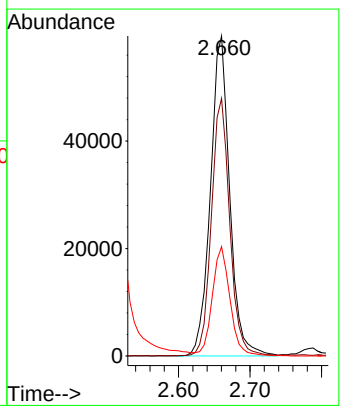
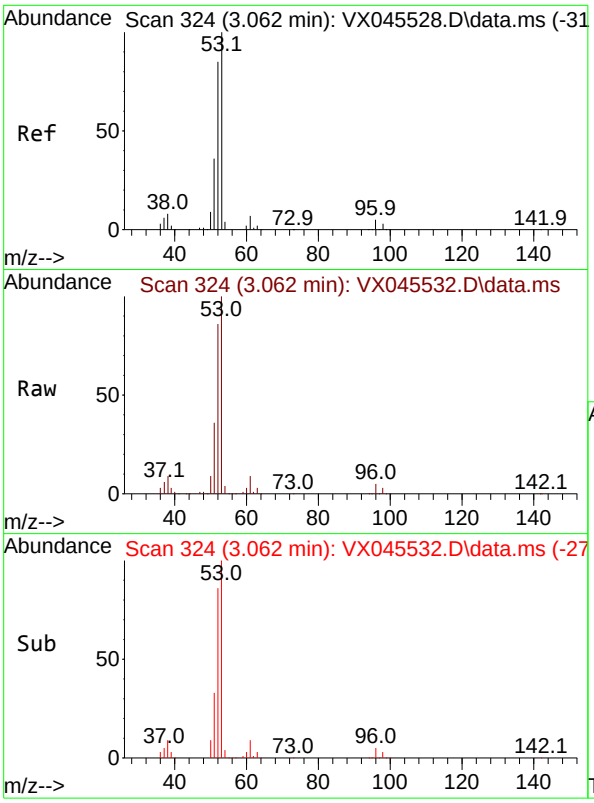


#14
Allyl chloride
Concen: 50.541 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 41 Resp: 111636

Ion	Ratio	Lower	Upper
41	100		
39	76.2	60.2	90.2
76	31.6	24.6	36.8

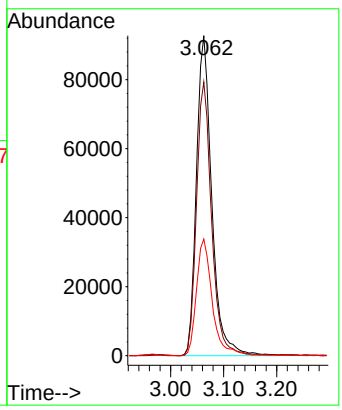




#15
Acrylonitrile
Concen: 248.351 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 53 Resp: 18683

Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.4	101.2
51	37.6	29.9	44.9



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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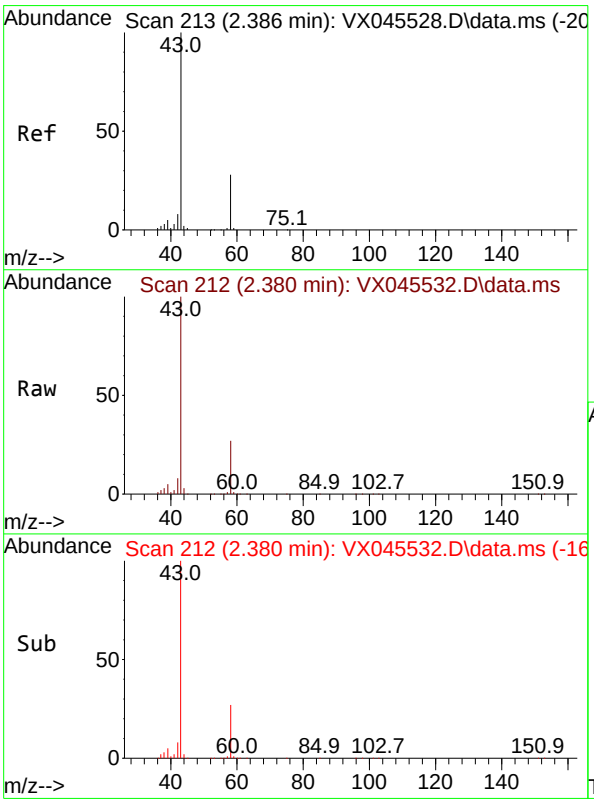
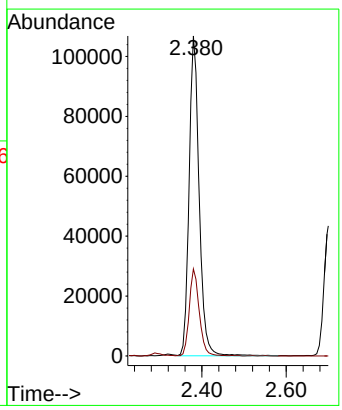
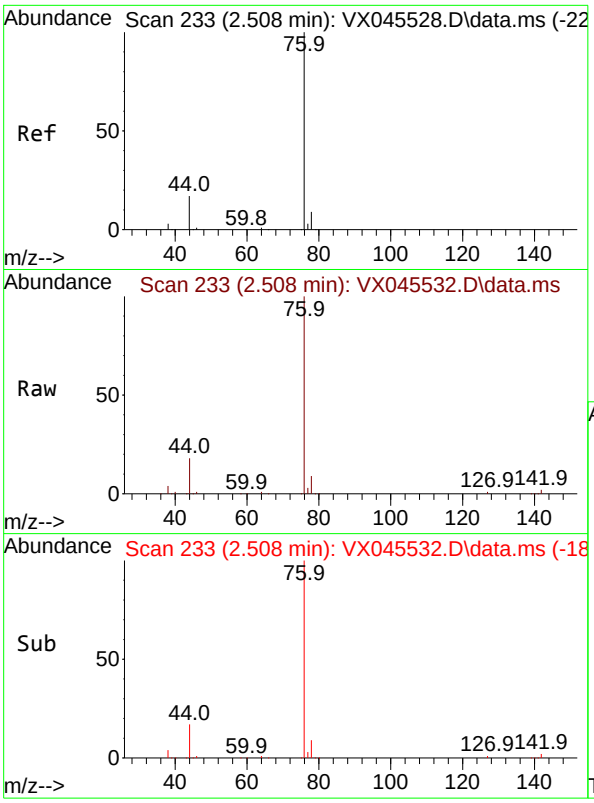


#16
Acetone
Concen: 241.904 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 176153

Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.3	33.5

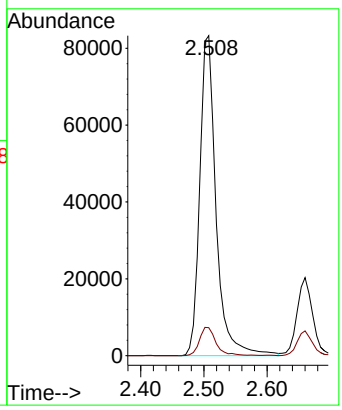




#17
Carbon Disulfide
Concen: 52.057 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 76 Resp: 14967

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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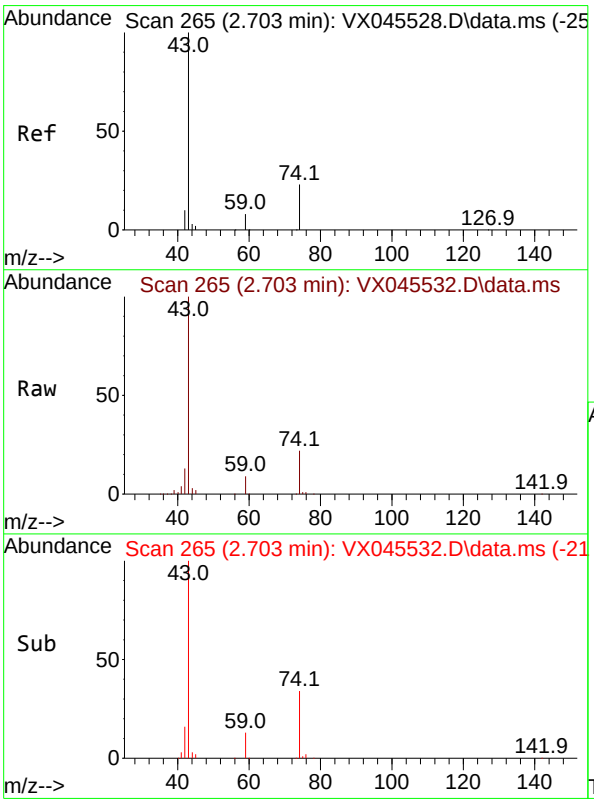
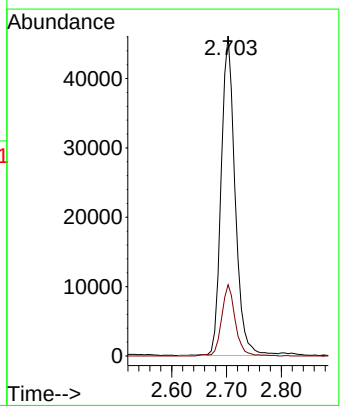
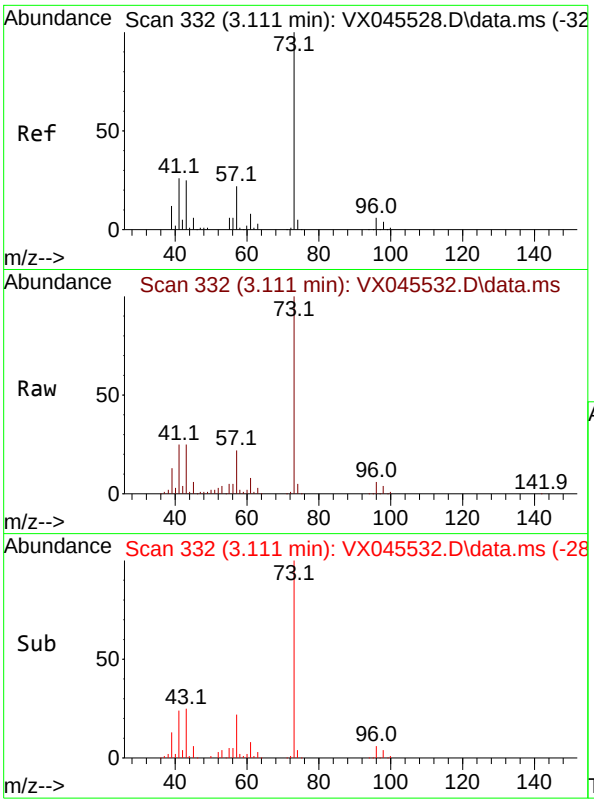


#18
Methyl Acetate
Concen: 48.742 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 81720

Ion	Ratio	Lower	Upper
43	100		
74	21.8	17.5	26.3

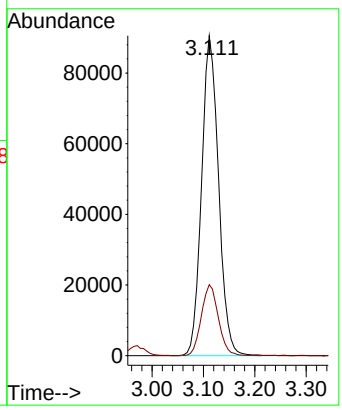




#19
Methyl tert-butyl Ether
Concen: 50.950 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 73 Resp: 20748

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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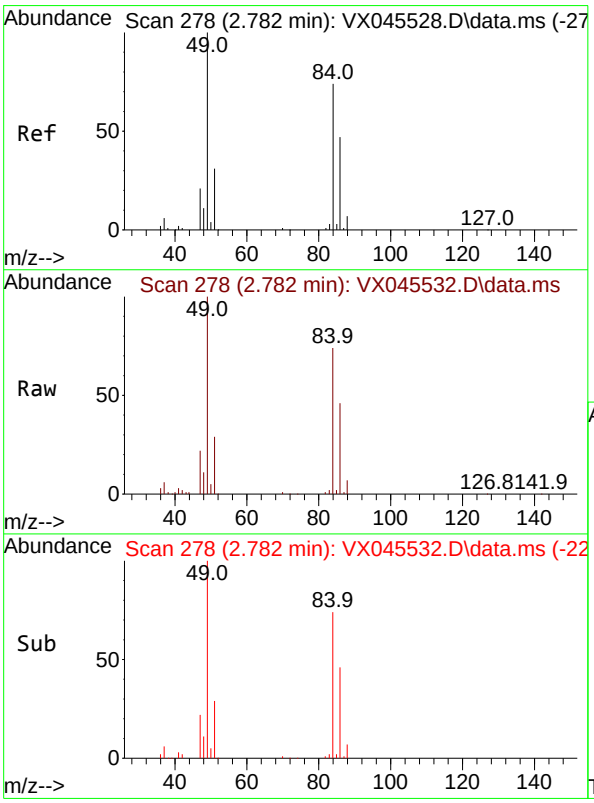
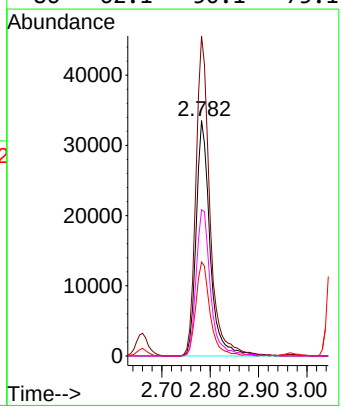
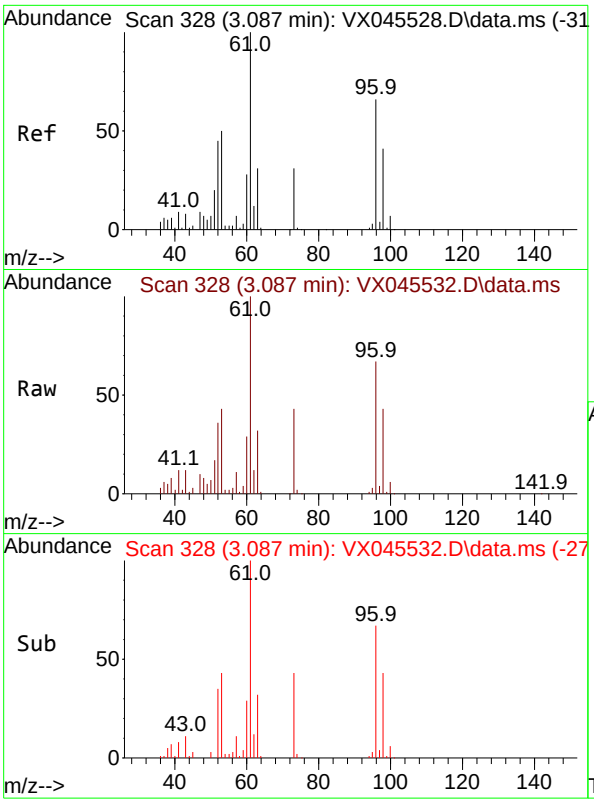


#20
Methylene Chloride
Concen: 49.055 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 84 Resp: 66875

Ion	Ratio	Lower	Upper
84	100		
49	135.9	107.5	161.3
51	39.9	33.0	49.6
86	62.1	50.1	75.1

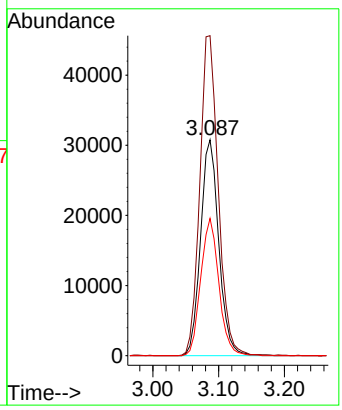




#21
trans-1,2-Dichloroethene
Concen: 49.800 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 96 Resp: 5922

Ion	Ratio	Lower	Upper
96	100		
61	148.2	121.0	181.6
98	63.6	49.7	74.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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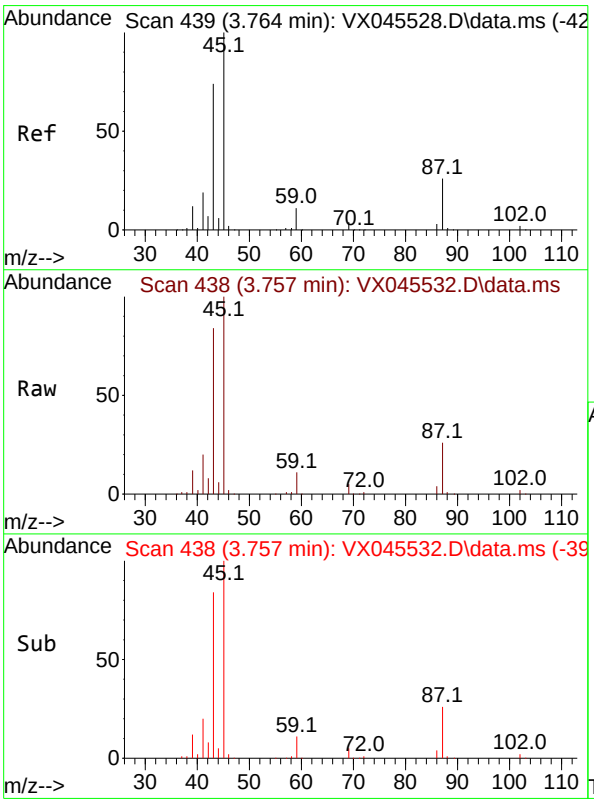
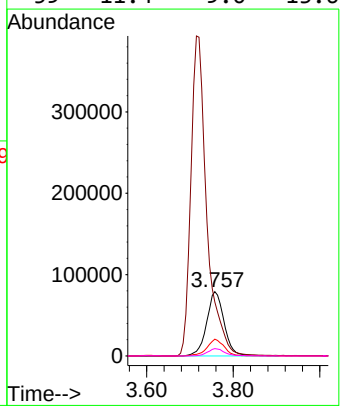
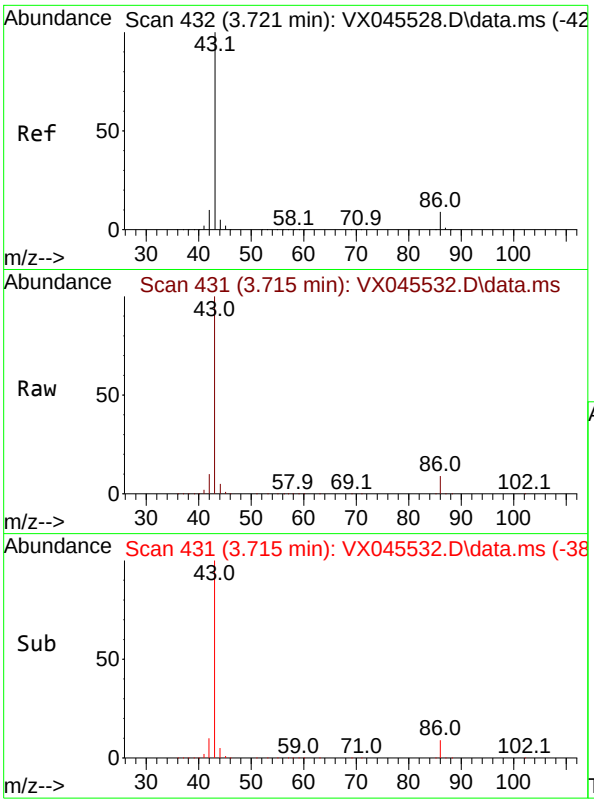


#22
Diisopropyl ether
Concen: 50.895 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 45 Resp: 221449

Ion	Ratio	Lower	Upper
45	100		
43	83.3	59.3	88.9
87	26.0	20.4	30.6
59	11.4	9.0	13.6





#23
Vinyl Acetate
Concen: 267.449 ug/l
RT: 3.715 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 100542

Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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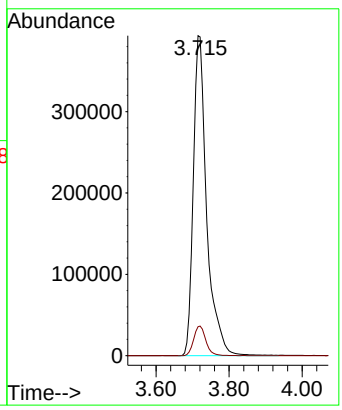
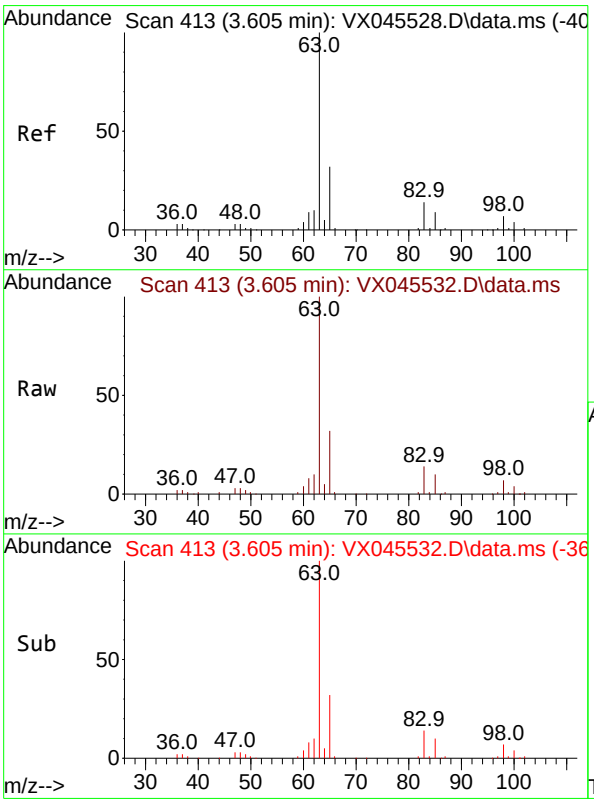
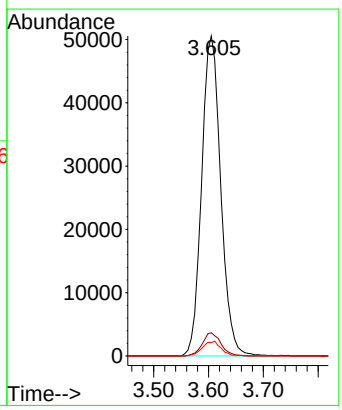


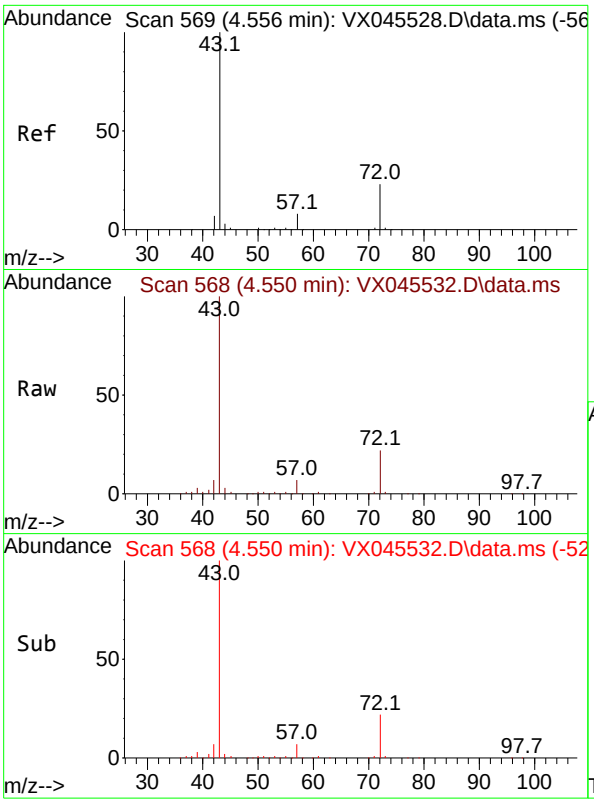


#24
1,1-Dichloroethane
Concen: 49.677 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 63 Resp: 122240

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.2	2.2	6.6





#25
2-Butanone
Concen: 254.882 ug/l
RT: 4.550 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 27168

Ion	Ratio	Lower	Upper
43	100		
72	22.0	18.6	28.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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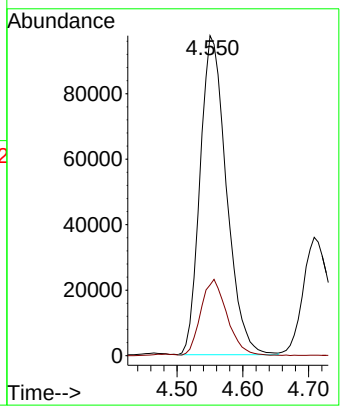
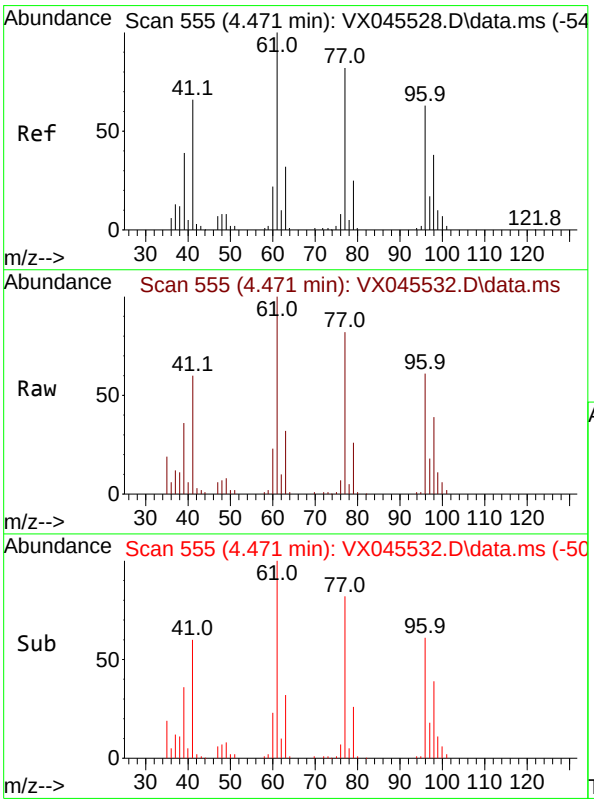
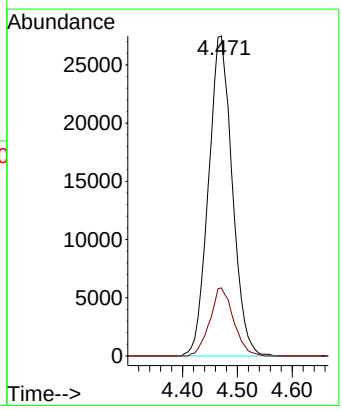


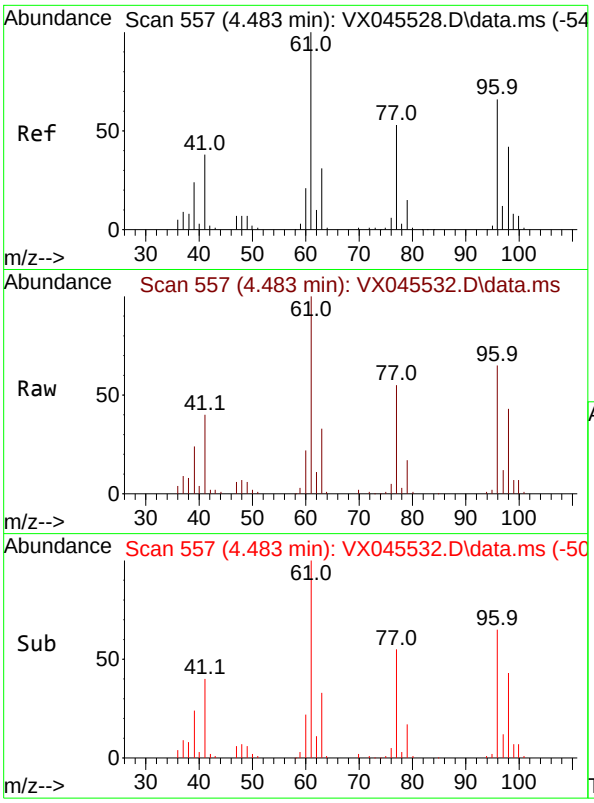


#26
2,2-Dichloropropane
Concen: 52.020 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 77 Resp: 82704

Ion	Ratio	Lower	Upper
77	100		
97	21.2	10.6	31.8

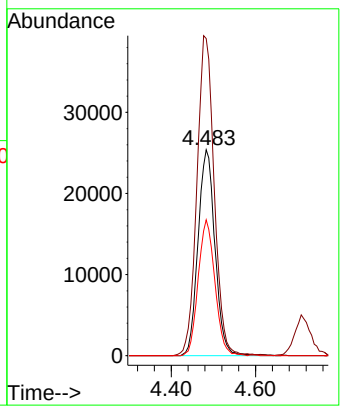




#27
cis-1,2-Dichloroethene
Concen: 49.049 ug/l
RT: 4.483 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 96 Resp: 7107

Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	313.2
98	65.1	0.0	126.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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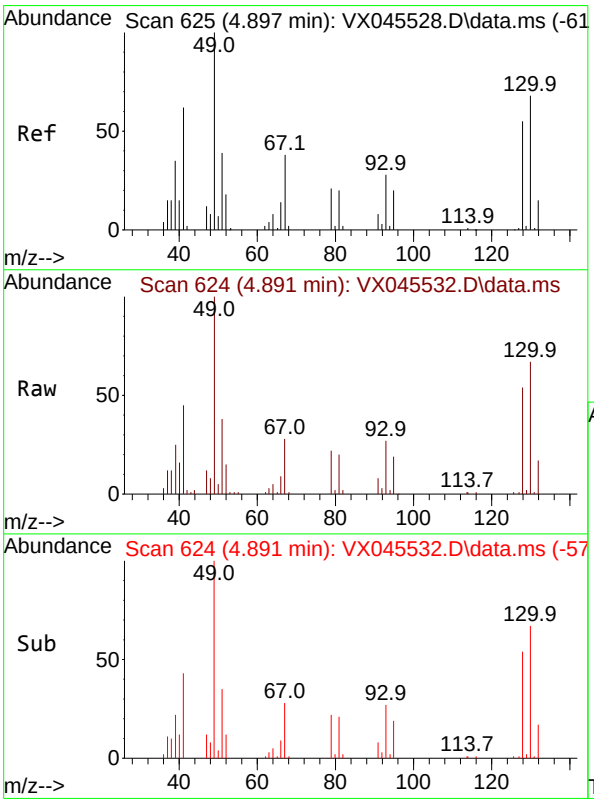
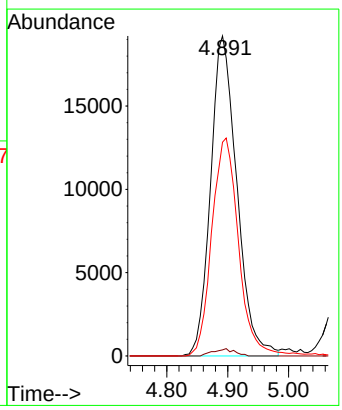
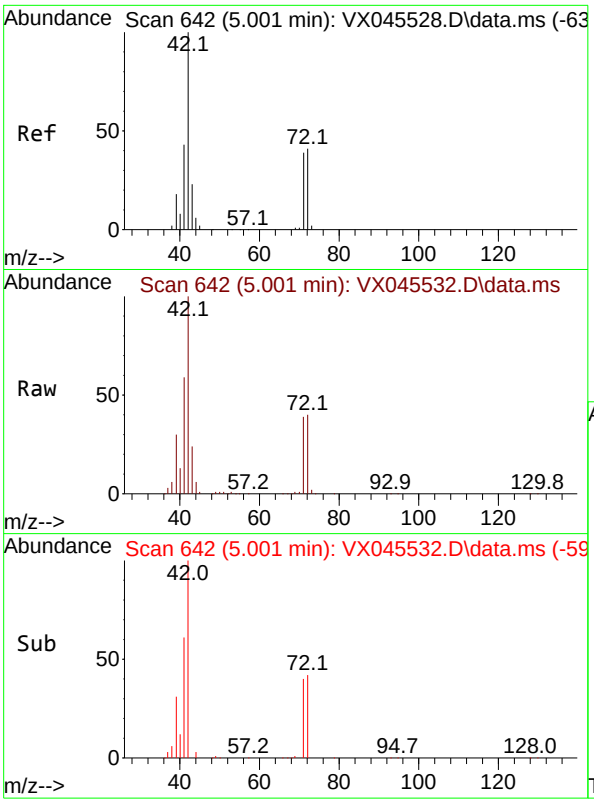


#28
Bromochloromethane
Concen: 48.403 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 49 Resp: 57557

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	69.3	54.6	81.8





#29
Tetrahydrofuran
Concen: 249.473 ug/l
RT: 5.001 min Scan# 64
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 42 Resp: 17240

Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.4	50.0
71	39.0	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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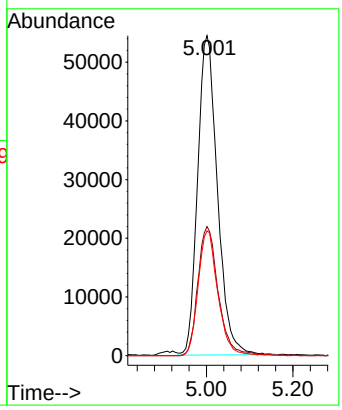
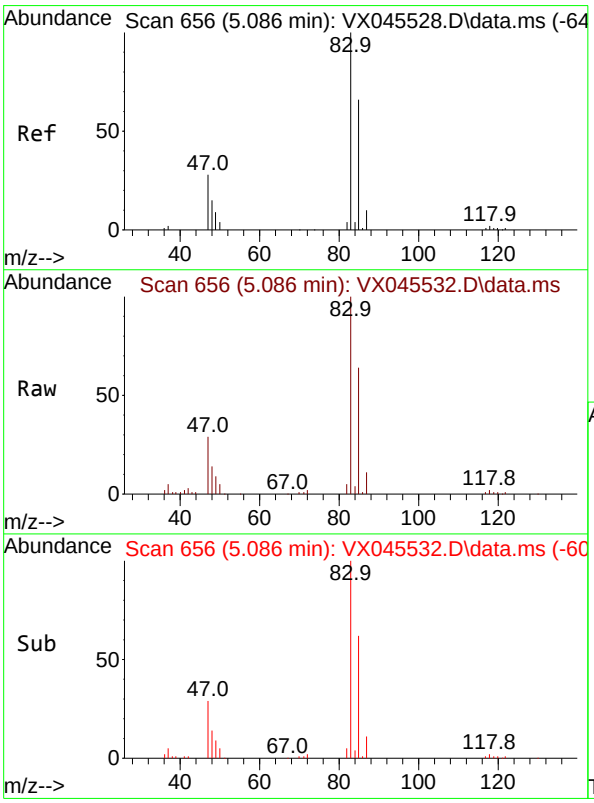
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

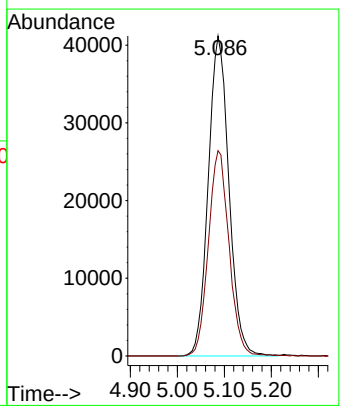


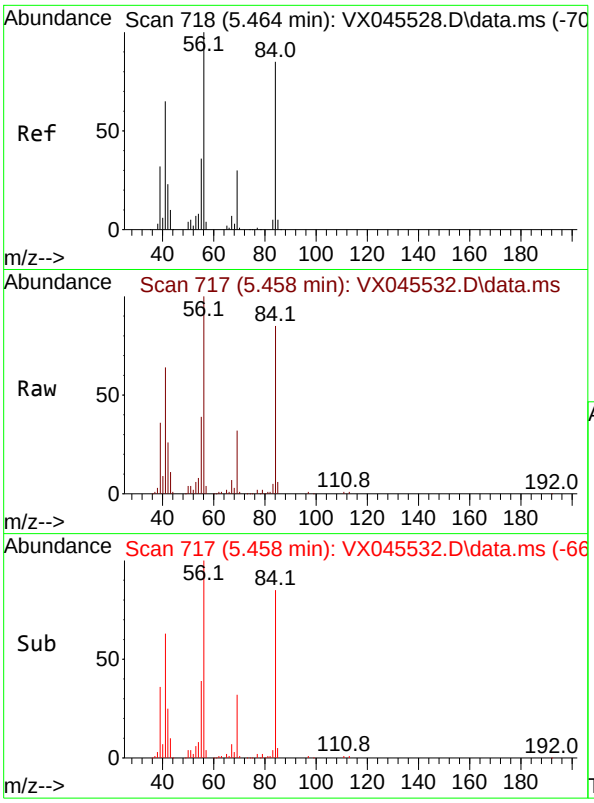


#30
Chloroform
Concen: 49.614 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 83 Resp: 125621

Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.8	79.2

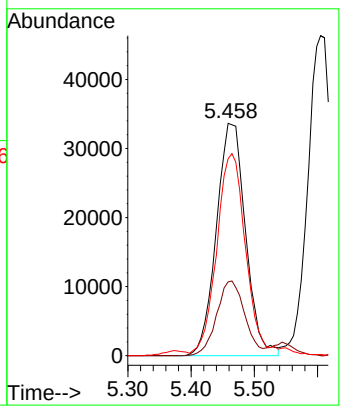




#31
Cyclohexane
Concen: 49.583 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 56 Resp: 10786

Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.6	35.4
84	82.7	67.7	101.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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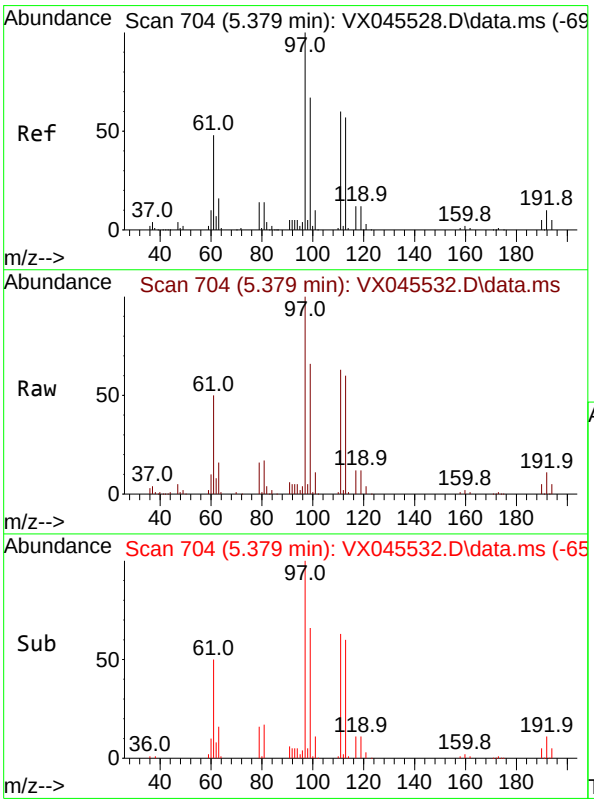
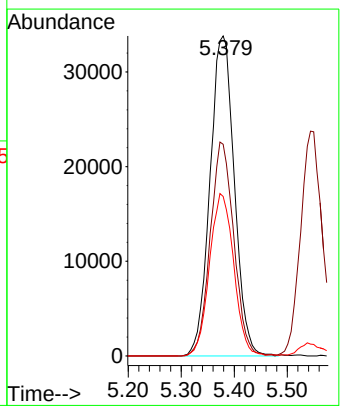
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

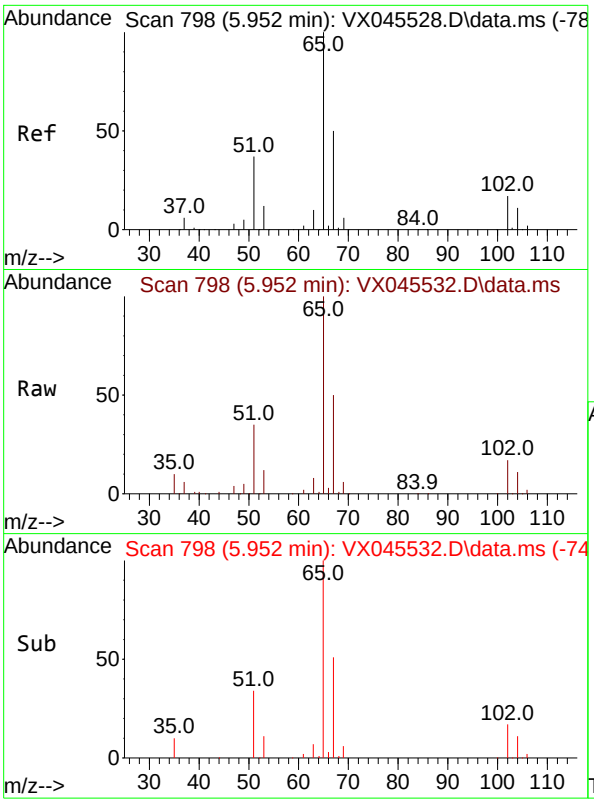


#32
1,1,1-Trichloroethane
Concen: 50.330 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 97 Resp: 107830

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	50.5	41.0	61.4

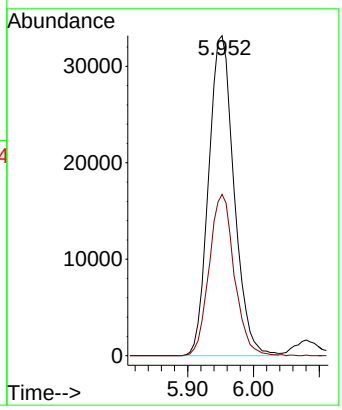




#33
1,2-Dichloroethane-d4
Concen: 50.329 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 65 Resp: 8925

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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Reviewed By :Amit Patel 04/02/2025
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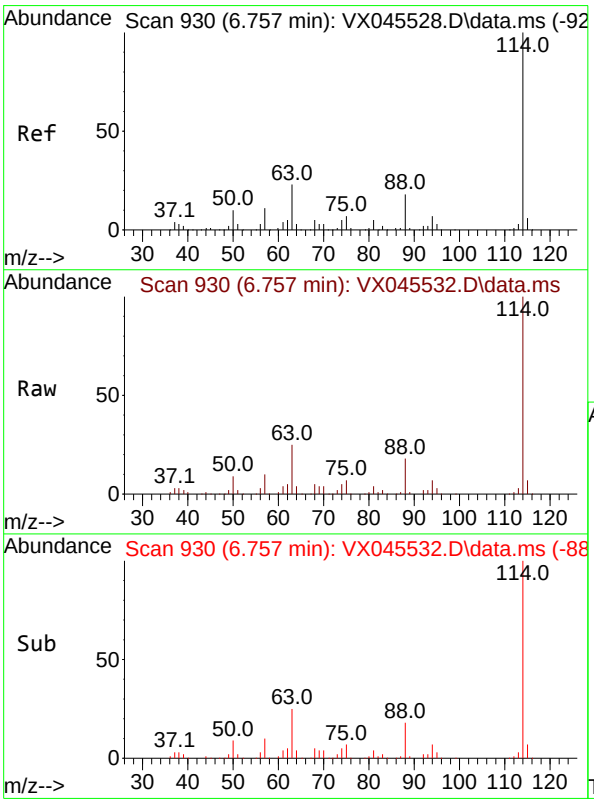
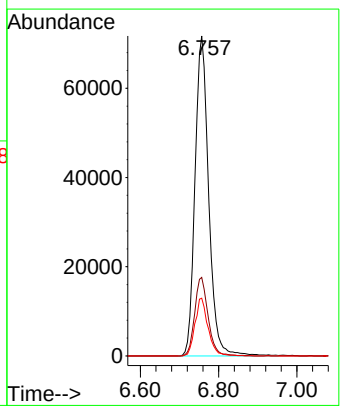
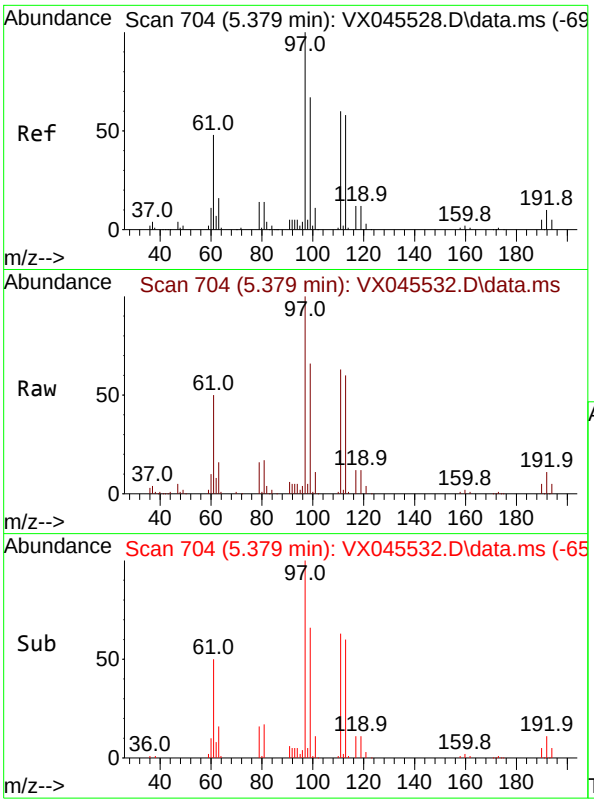


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:114 Resp: 174855

Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	46.8
88	18.1	0.0	35.4

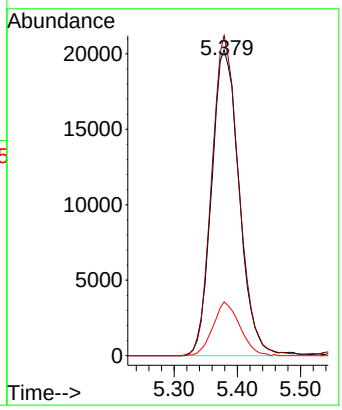




#35
Dibromofluoromethane
Concen: 49.256 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:113 Resp: 6110

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	17.2	13.8	20.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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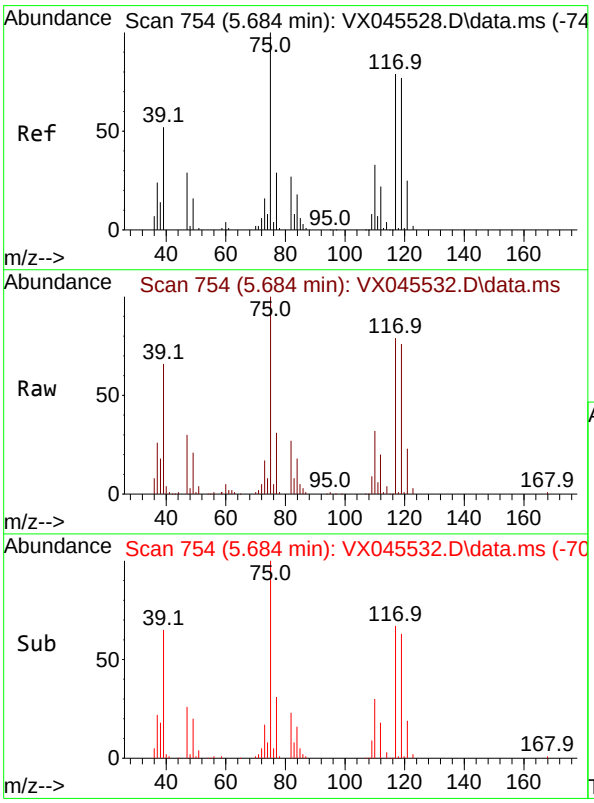
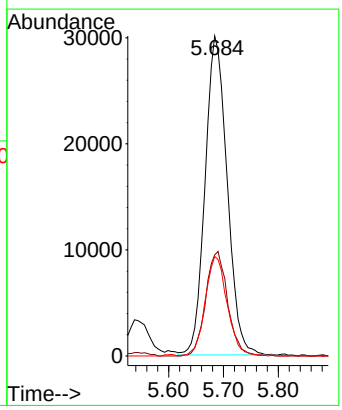
Supervised By :Mahesh Dadoda 04/02/2025

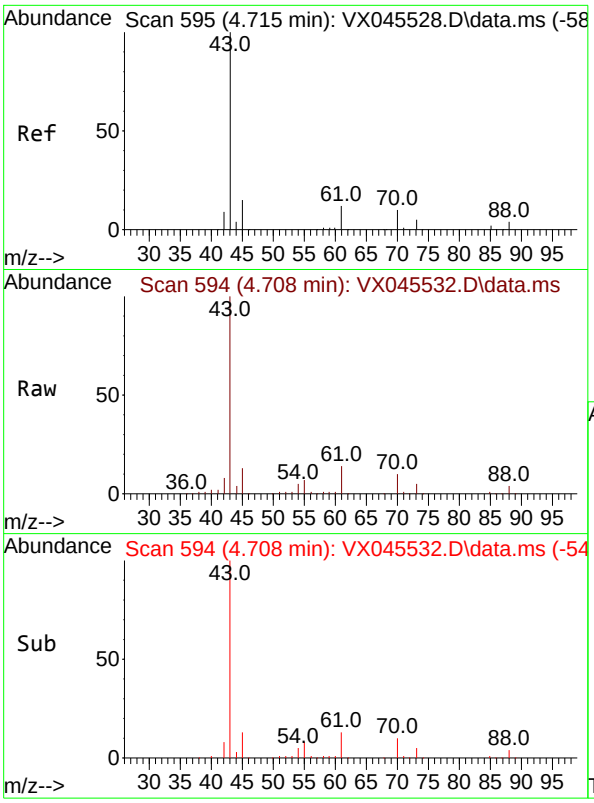


#36
1,1-Dichloropropene
Concen: 50.088 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 83901

Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.9	50.6
77	31.1	25.0	37.4

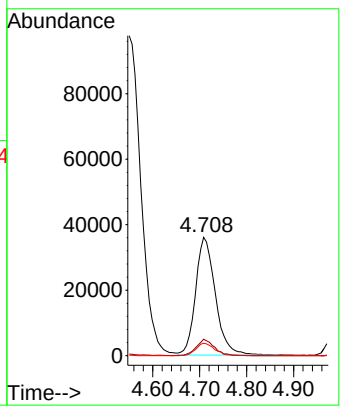




#37
Ethyl Acetate
Concen: 49.787 ug/l
RT: 4.708 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 10509

Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	10.2	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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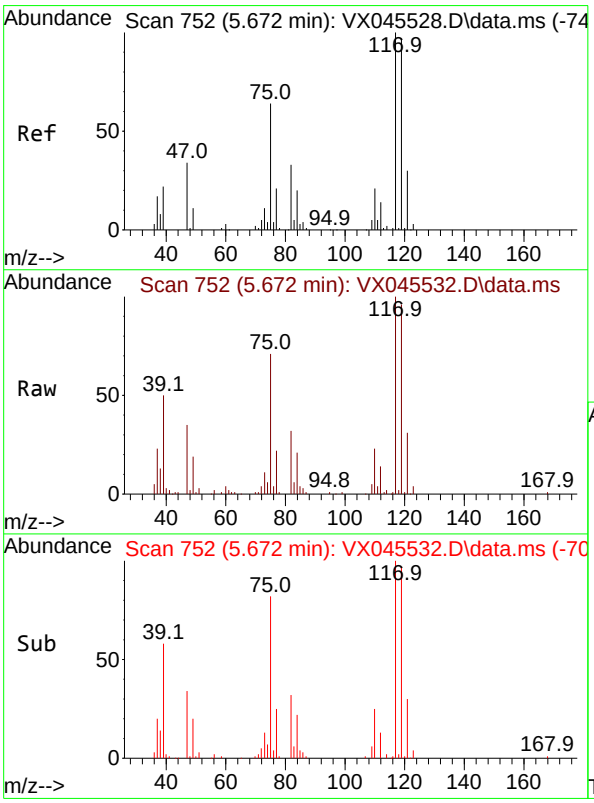
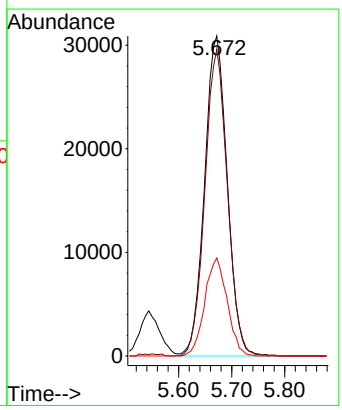
Supervised By :Mahesh Dadoda 04/02/2025

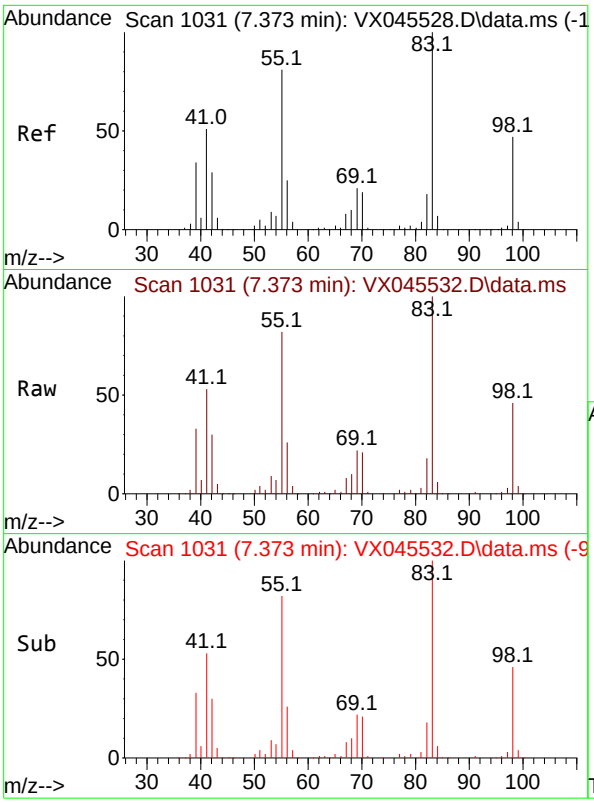


#38
Carbon Tetrachloride
Concen: 50.667 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:117 Resp: 91723

Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
121	30.6	24.2	36.2

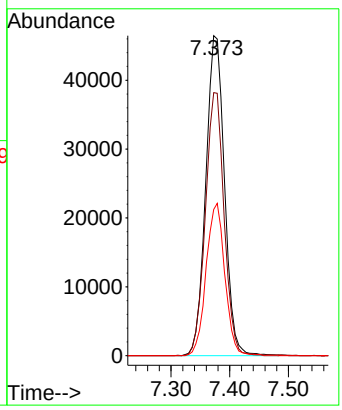




#39
Methylcyclohexane
Concen: 50.124 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 83 Resp: 10291

Ion	Ratio	Lower	Upper
83	100		
55	82.1	64.9	97.3
98	45.7	37.4	56.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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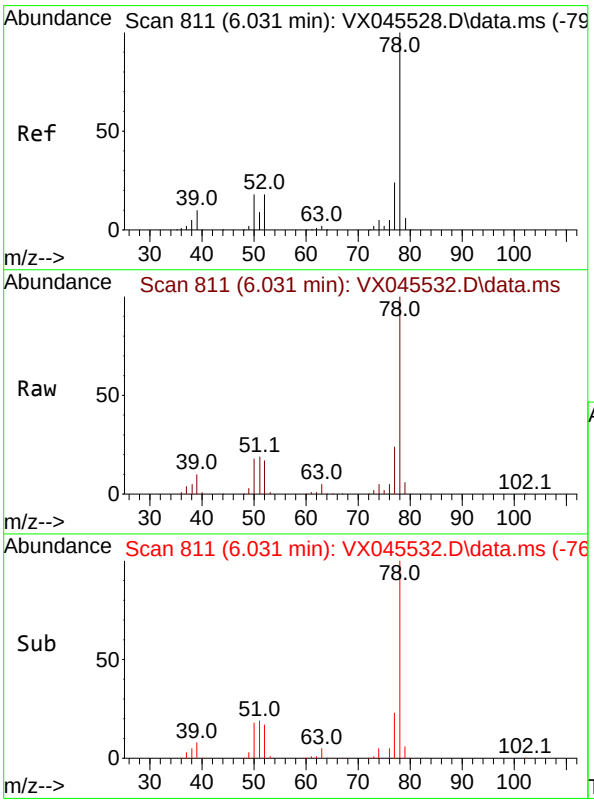
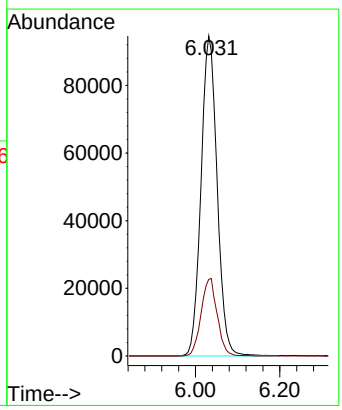
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

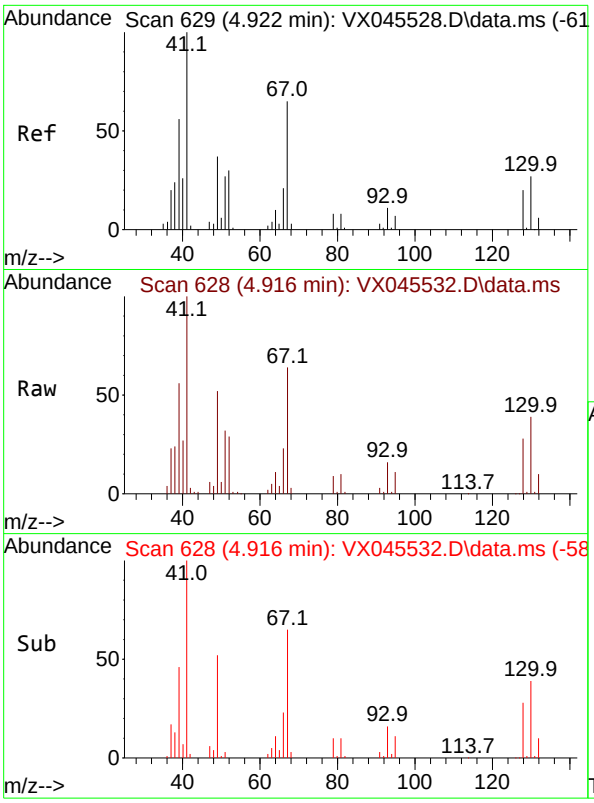


#40
Benzene
Concen: 49.212 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 78 Resp: 251758

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6

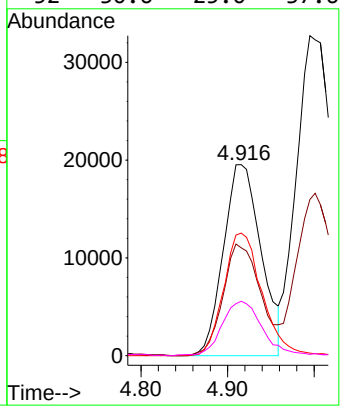




#41
Methacrylonitrile
Concen: 53.098 ug/l
RT: 4.916 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 41 Resp: 5914

Ion	Ratio	Lower	Upper
41	100		
39	58.5	47.0	70.6
67	65.5	53.2	79.8
52	30.6	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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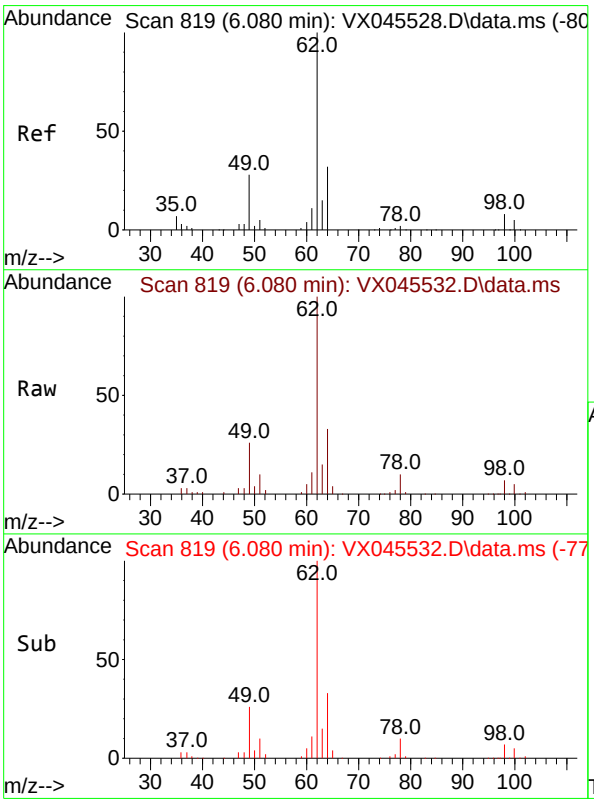
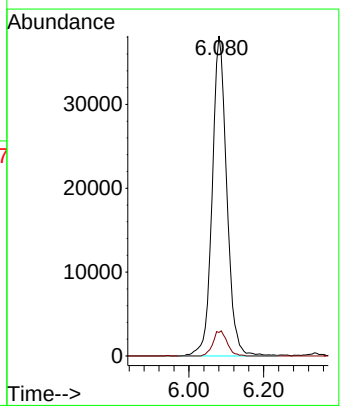
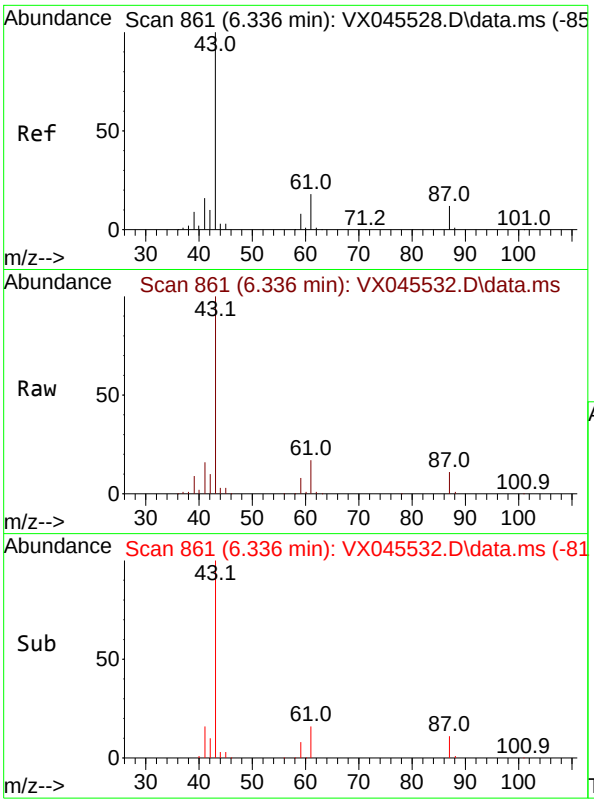


#42
1,2-Dichloroethane
Concen: 48.875 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 62 Resp: 103270

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2





#43
Isopropyl Acetate
Concen: 51.539 ug/l
RT: 6.336 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 16489

Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.1	21.1
87	11.6	9.2	13.8

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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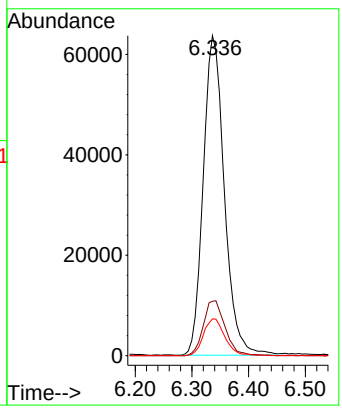
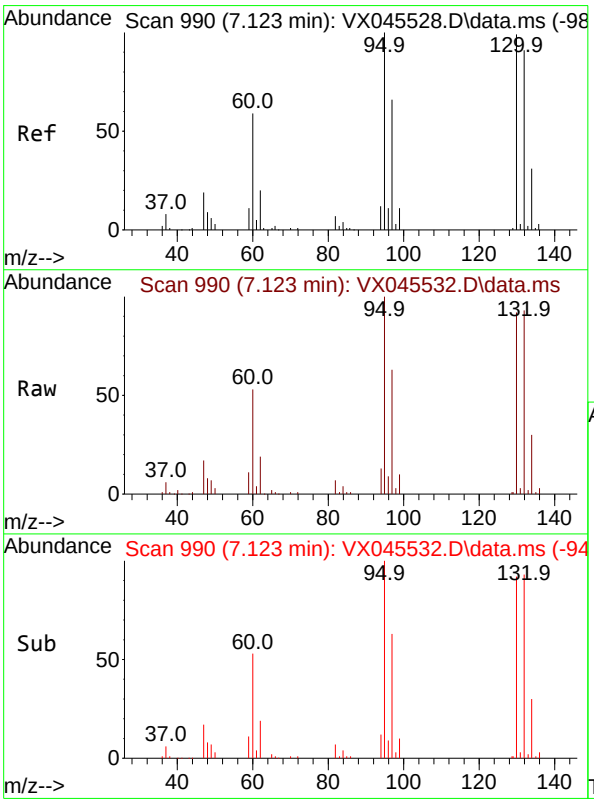
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

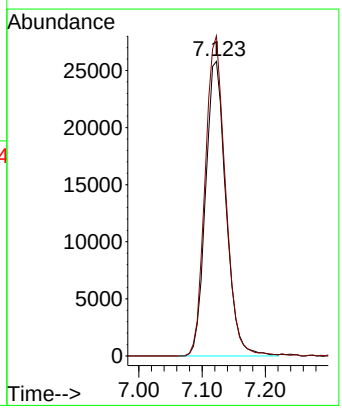


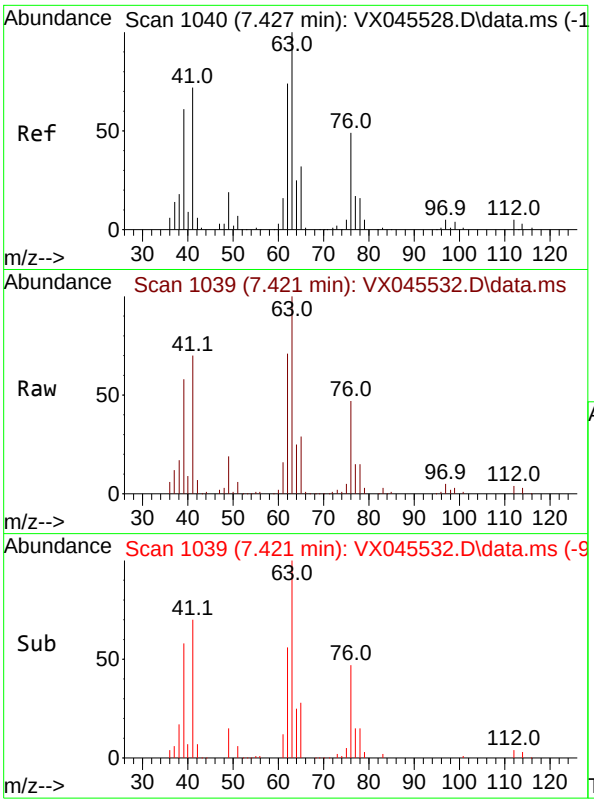


#44
Trichloroethene
Concen: 47.643 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:130 Resp: 57931

Ion	Ratio	Lower	Upper
130	100		
95	108.6	0.0	202.0

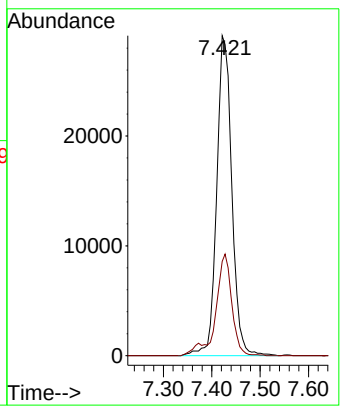




#45
1,2-Dichloropropane
Concen: 49.521 ug/l
RT: 7.421 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 63 Resp: 6321(

Ion	Ratio	Lower	Upper
63	100		
65	29.5	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

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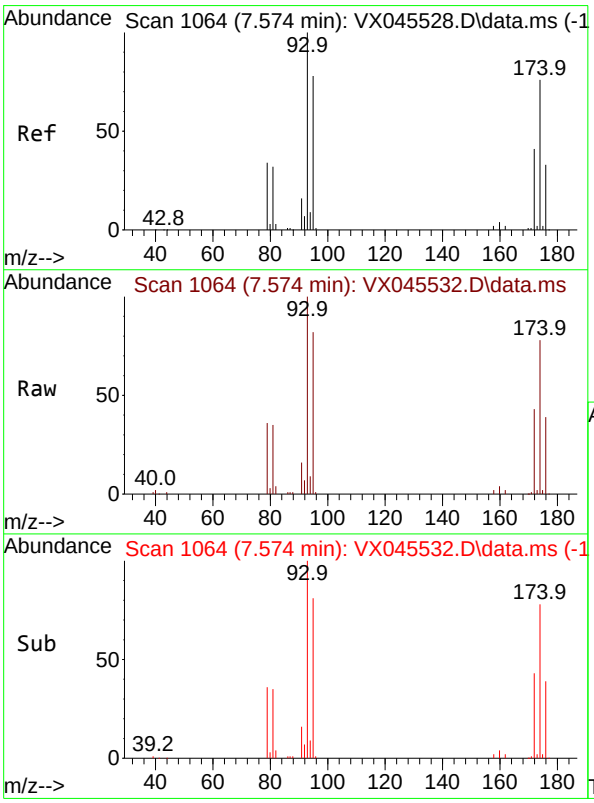
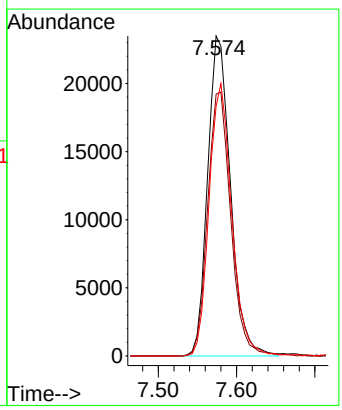
Supervised By :Mahesh Dadoda 04/02/2025

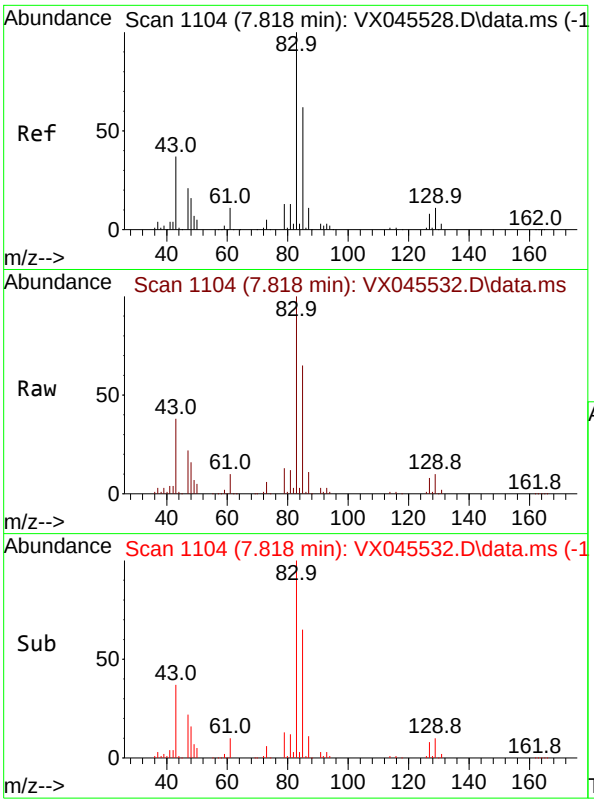


#46
Dibromomethane
Concen: 48.542 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 93 Resp: 47564

Ion	Ratio	Lower	Upper
93	100		
95	83.6	64.8	97.2
174	84.5	65.4	98.0

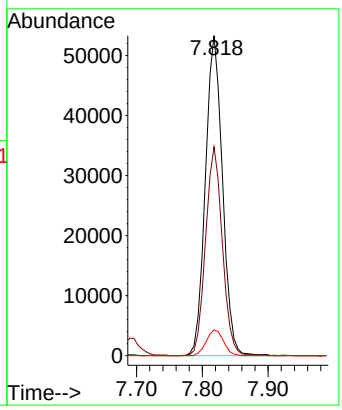




#47
Bromodichloromethane
Concen: 49.273 ug/l
RT: 7.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 83 Resp: 9641

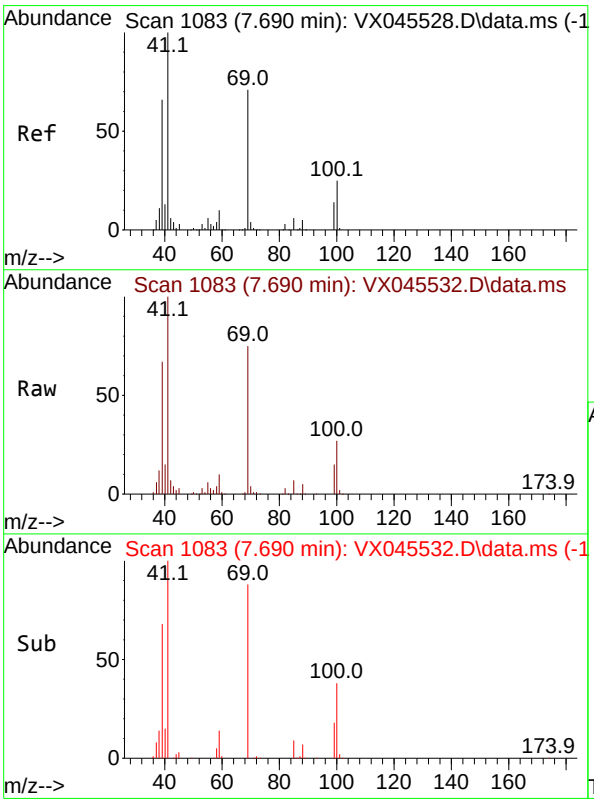
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.7	74.5
127	8.1	6.1	9.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

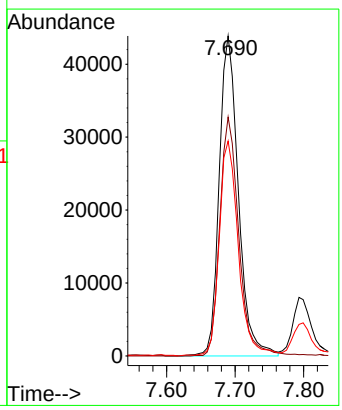
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

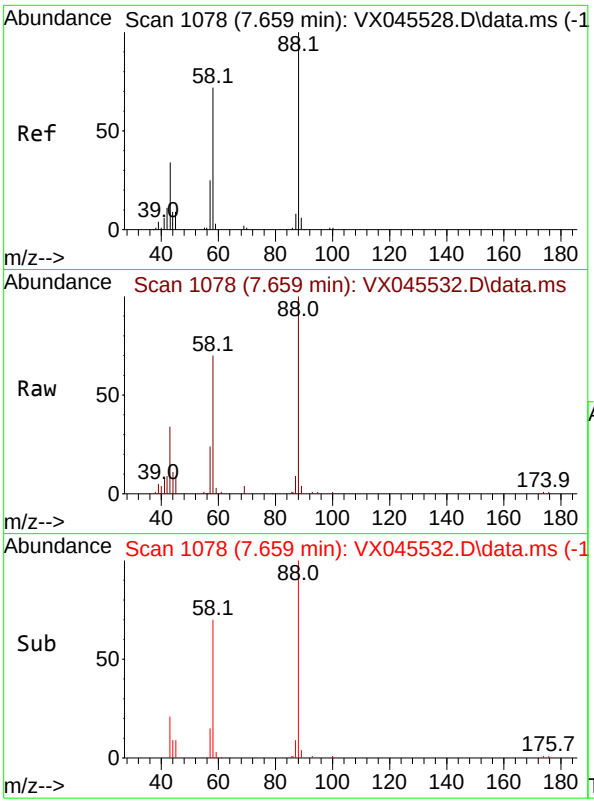


#48
Methyl methacrylate
Concen: 51.507 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 41 Resp: 85084

Ion	Ratio	Lower	Upper
41	100		
69	74.5	58.2	87.2
39	67.3	53.6	80.4





#49
1,4-Dioxane
Concen: 955.327 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 88 Resp: 2855

Ion	Ratio	Lower	Upper
88	100		
43	40.3	32.2	48.4
58	72.2	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
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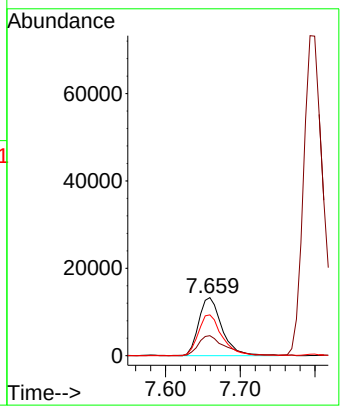
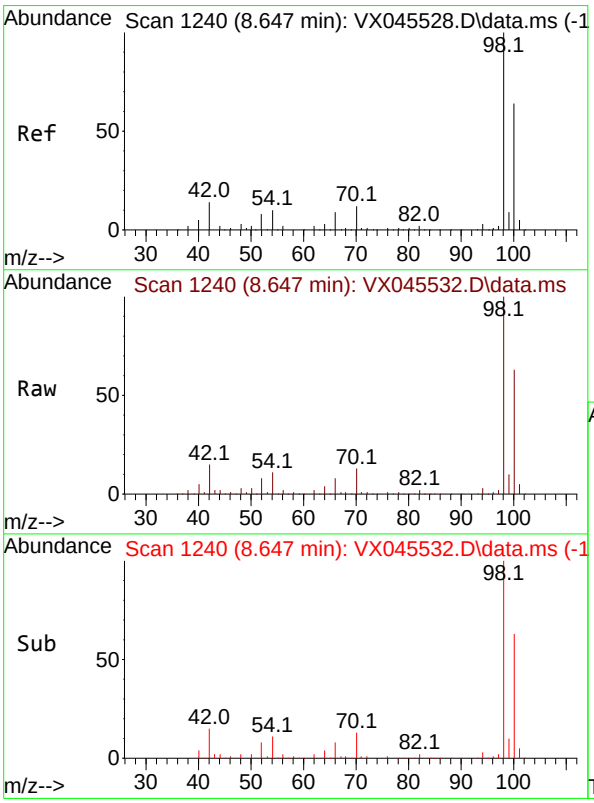
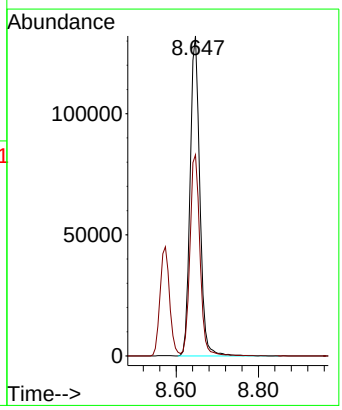


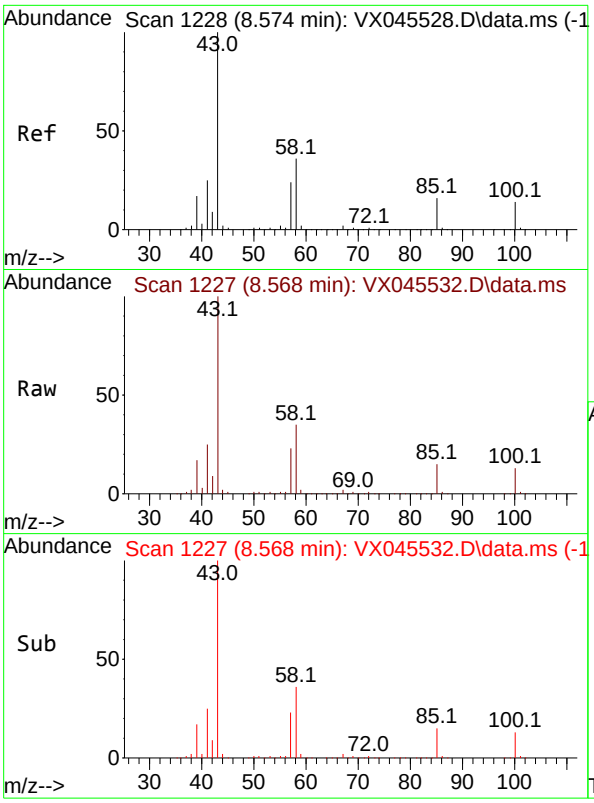


#50
Toluene-d8
Concen: 50.160 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 98 Resp: 217200

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4

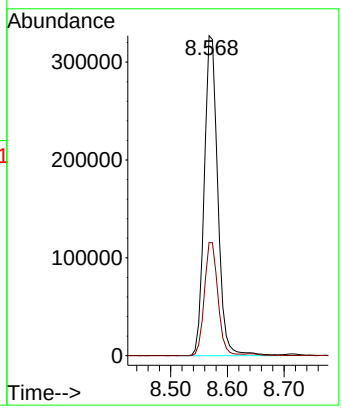




#51
4-Methyl-2-Pentanone
Concen: 254.994 ug/l
RT: 8.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 54082

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
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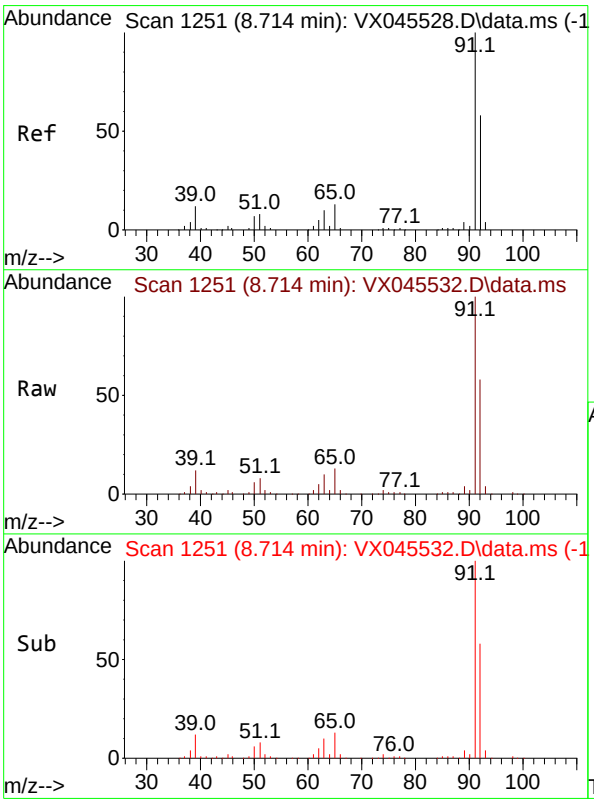
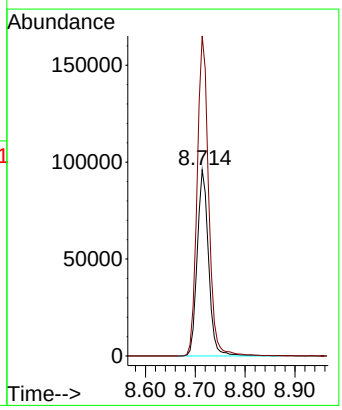
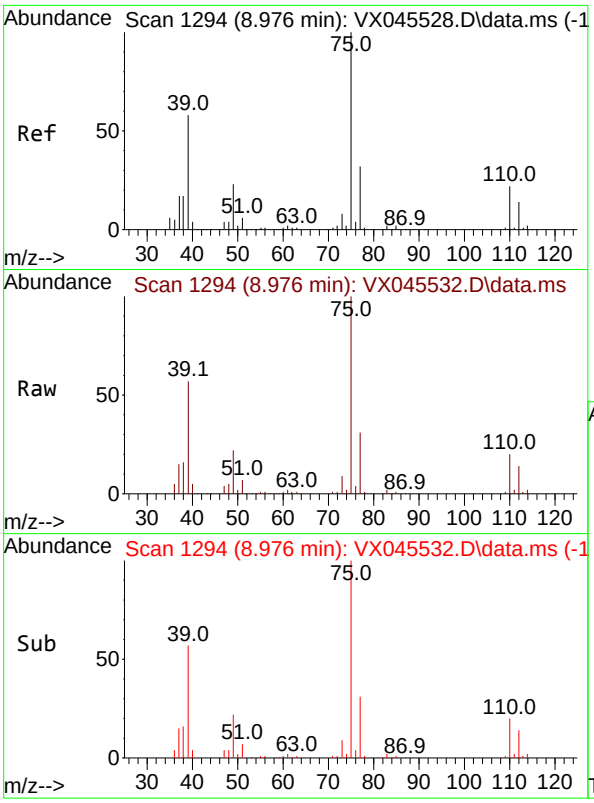


#52
Toluene
Concen: 48.994 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 92 Resp: 151664

Ion	Ratio	Lower	Upper
92	100		
91	174.0	138.7	208.1

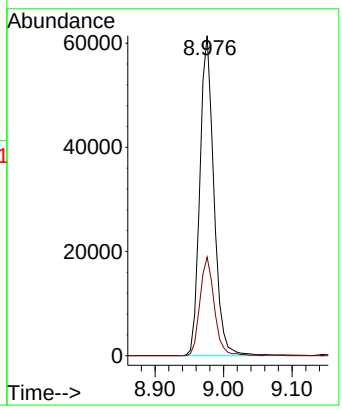




#53
t-1,3-Dichloropropene
Concen: 46.783 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 8774

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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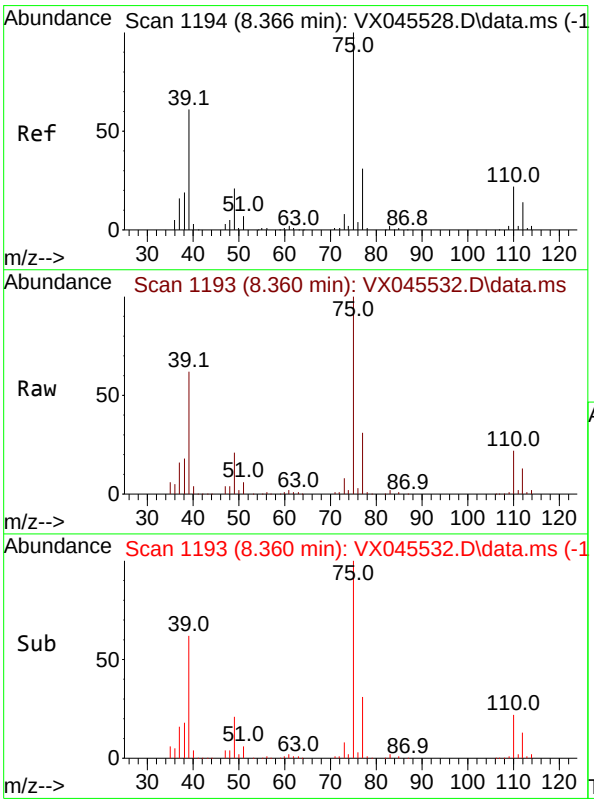
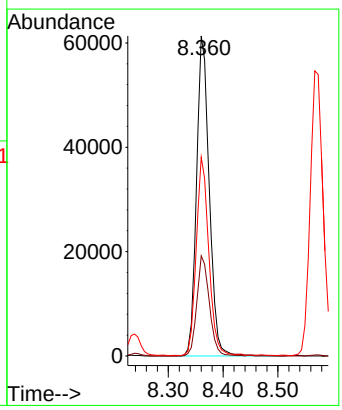
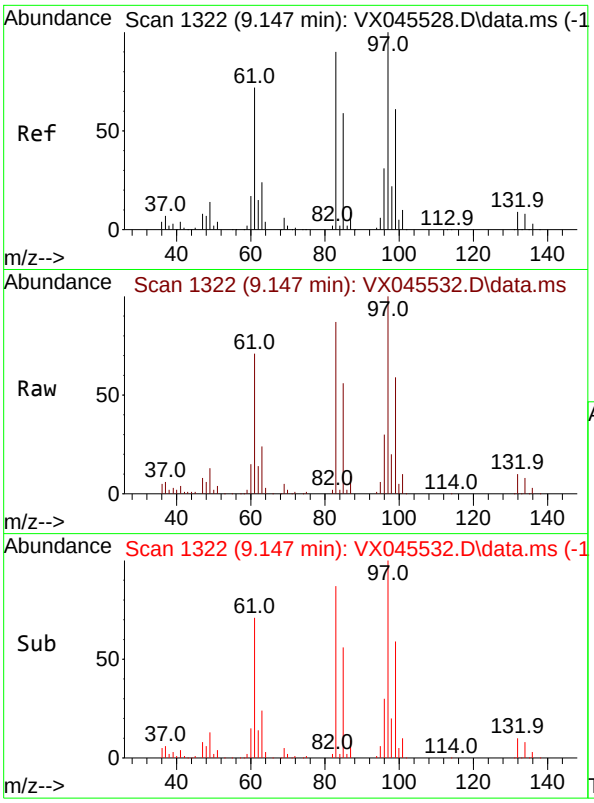


#54
cis-1,3-Dichloropropene
Concen: 53.878 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 99074

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	62.0	48.4	72.6

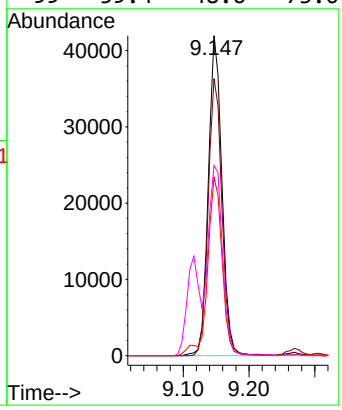




#55
1,1,2-Trichloroethane
Concen: 49.007 ug/l
RT: 9.147 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 97 Resp: 6045

Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.8	107.8
85	55.7	47.0	70.6
99	59.4	48.6	73.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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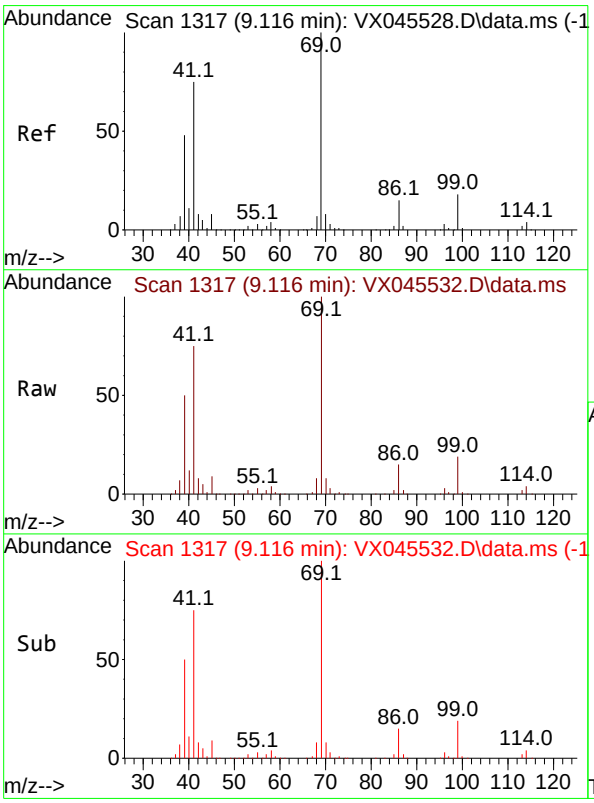
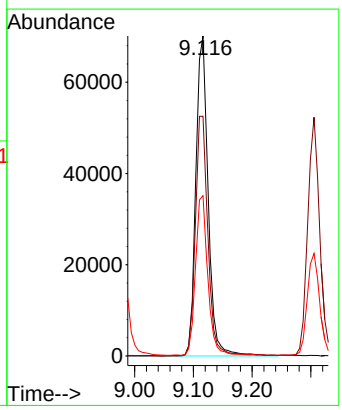
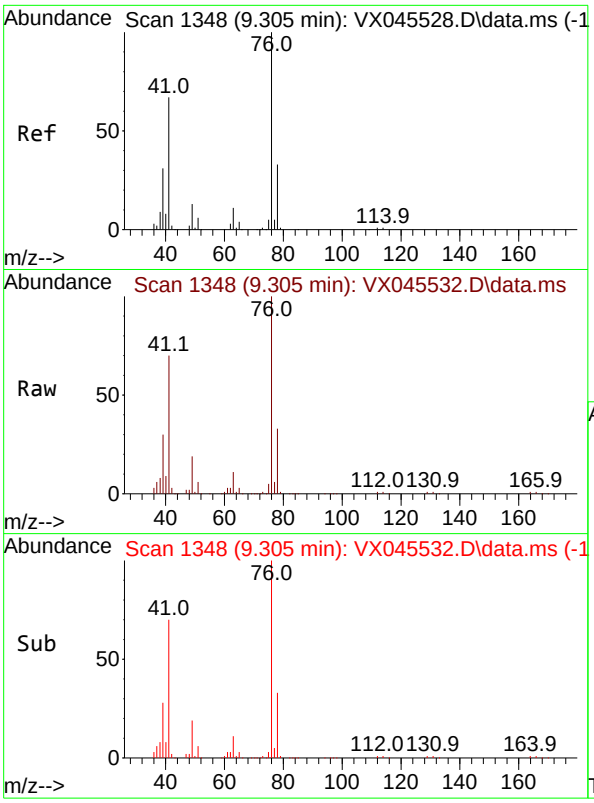


#56
Ethyl methacrylate
Concen: 53.705 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 69 Resp: 102525

Ion	Ratio	Lower	Upper
69	100		
41	76.7	61.3	91.9
39	50.7	40.2	60.2

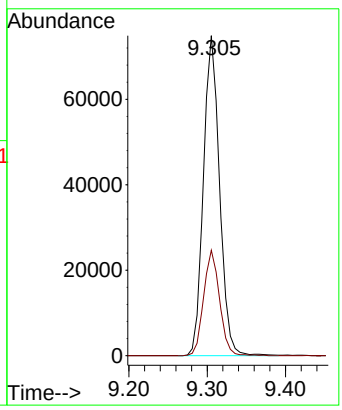




#57
1,3-Dichloropropane
Concen: 49.869 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 76 Resp: 10712

Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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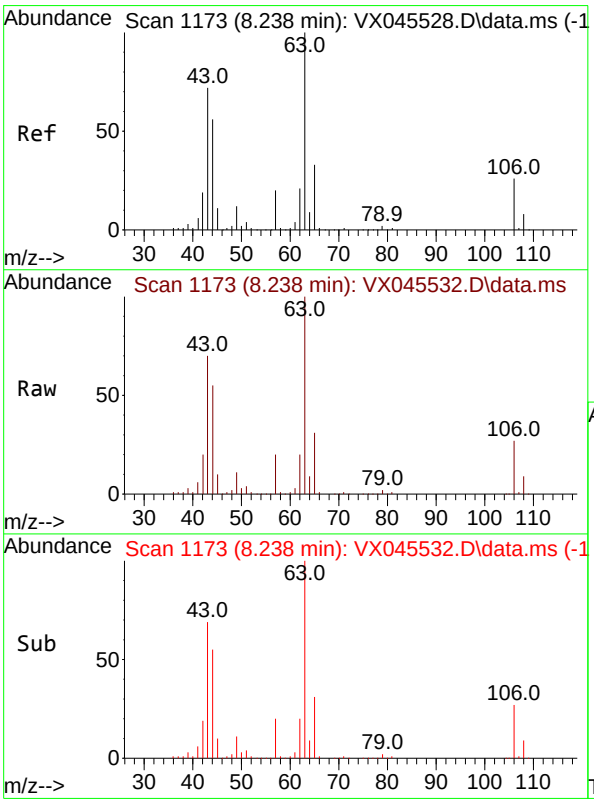
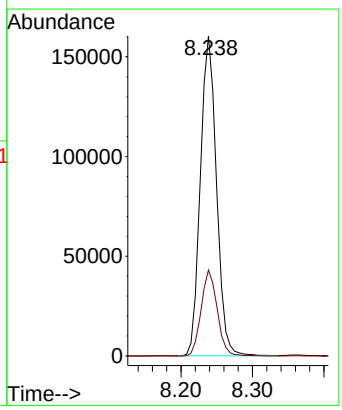
Supervised By :Mahesh Dadoda 04/02/2025

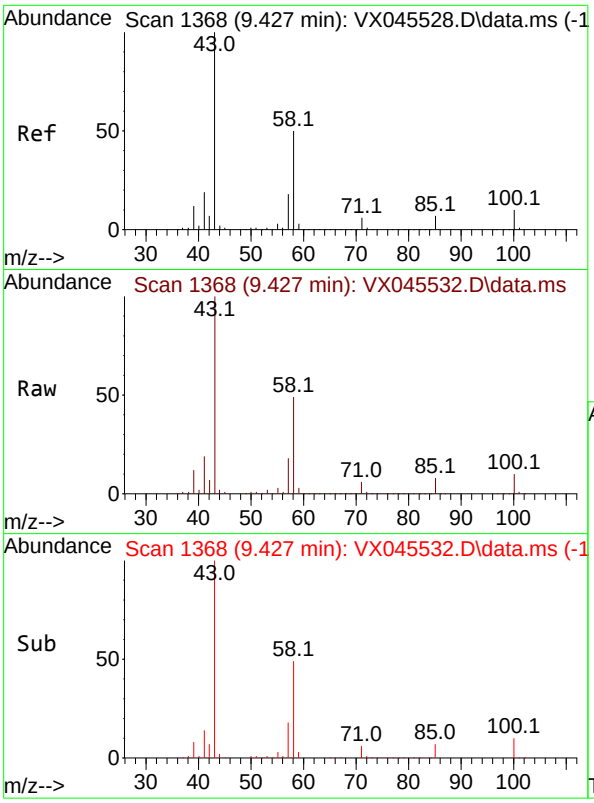


#58
2-Chloroethyl Vinyl ether
Concen: 260.201 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 63 Resp: 251285

Ion	Ratio	Lower	Upper
63	100		
106	26.6	21.0	31.6

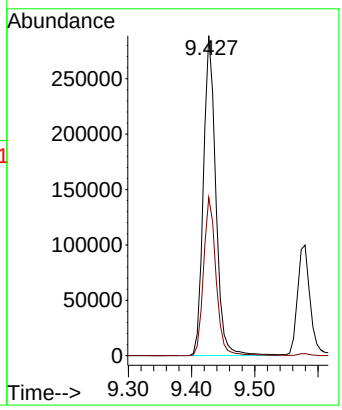




#59
2-Hexanone
Concen: 251.710 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 39533

Ion	Ratio	Lower	Upper
43	100		
58	49.8	24.9	74.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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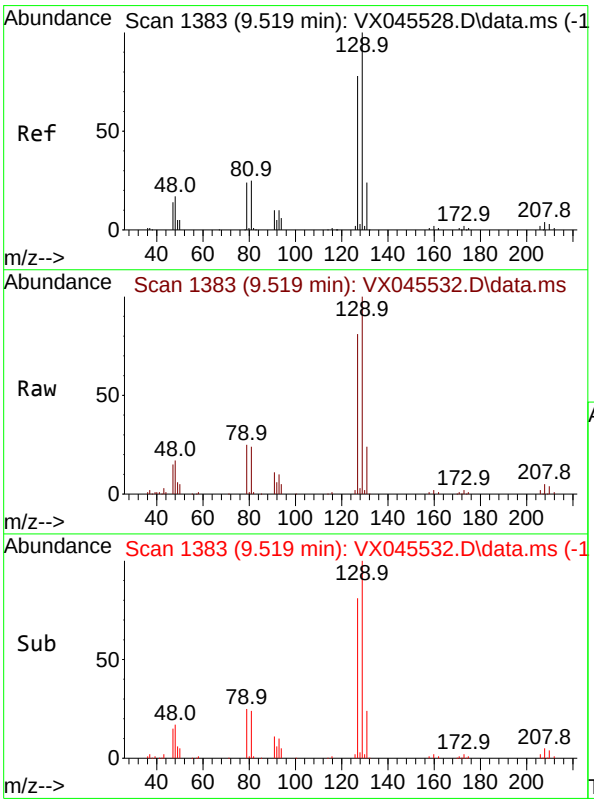
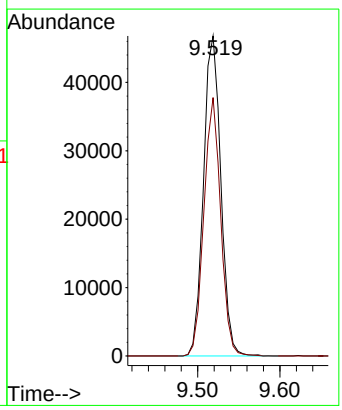
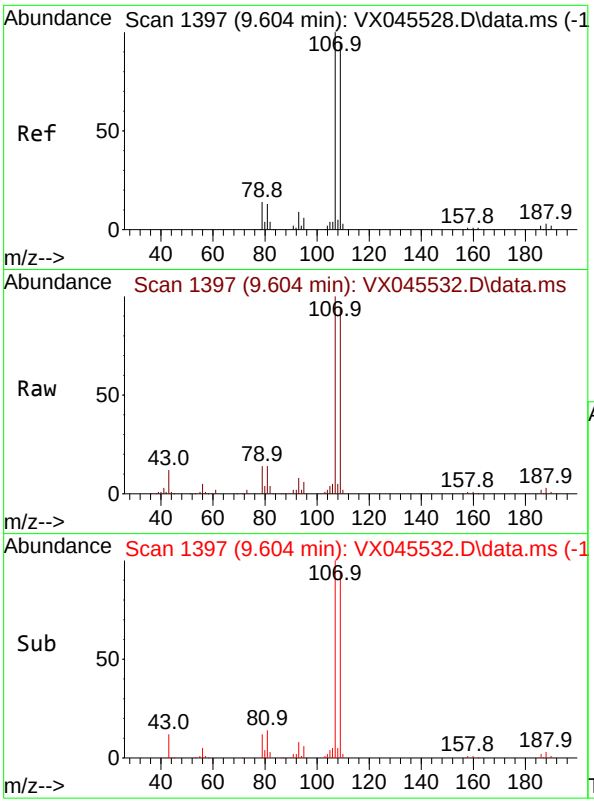


#60
Dibromochloromethane
Concen: 50.983 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:129 Resp: 68562

Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.4	118.2

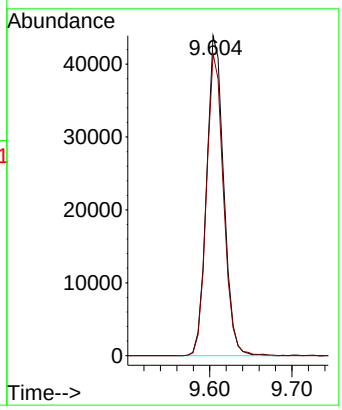




#61
1,2-Dibromoethane
Concen: 50.693 ug/l
RT: 9.604 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:107 Resp: 6330

Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
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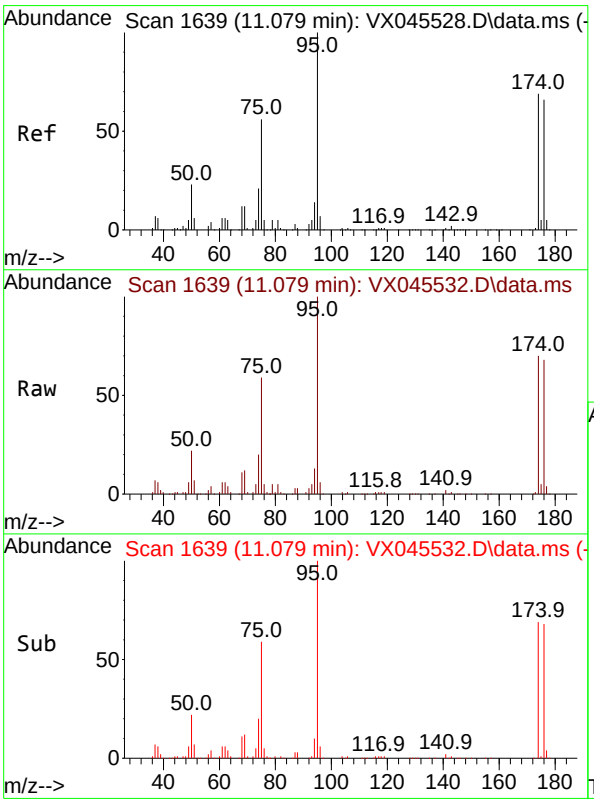
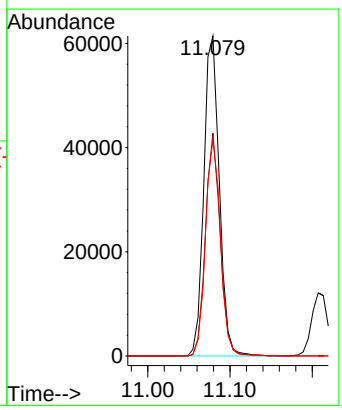
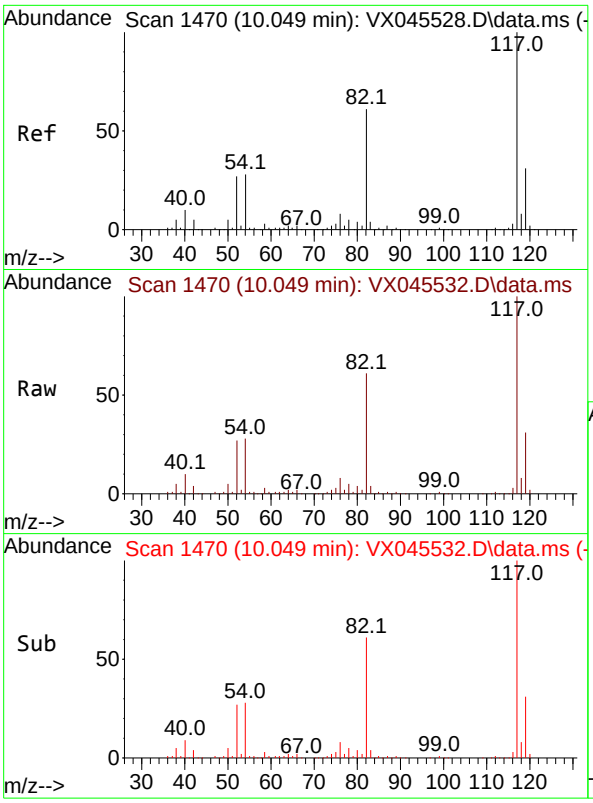


#62
4-Bromofluorobenzene
Concen: 50.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 95 Resp: 80376

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	135.8
176	65.2	0.0	131.4

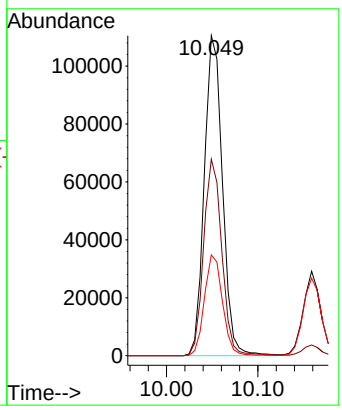




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:117 Resp: 15241

Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.2	73.8
119	31.5	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
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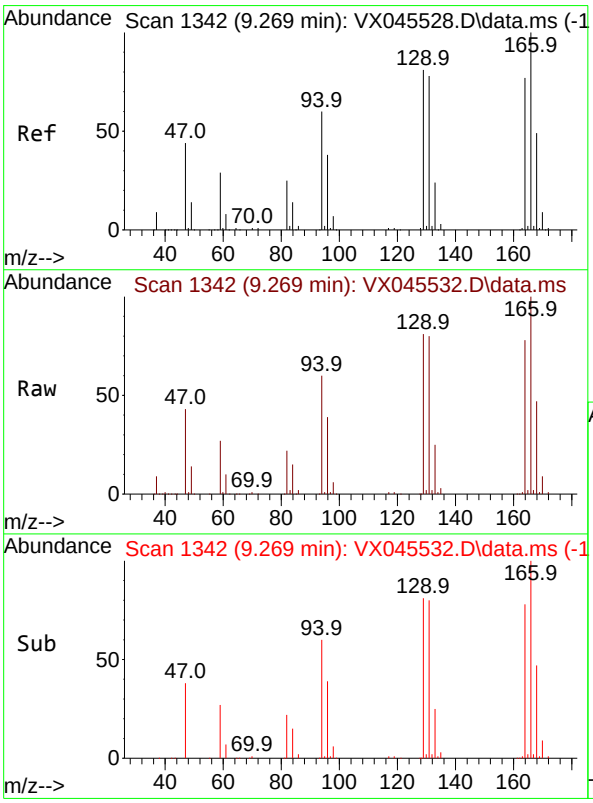
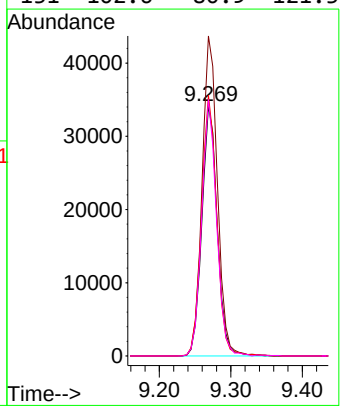
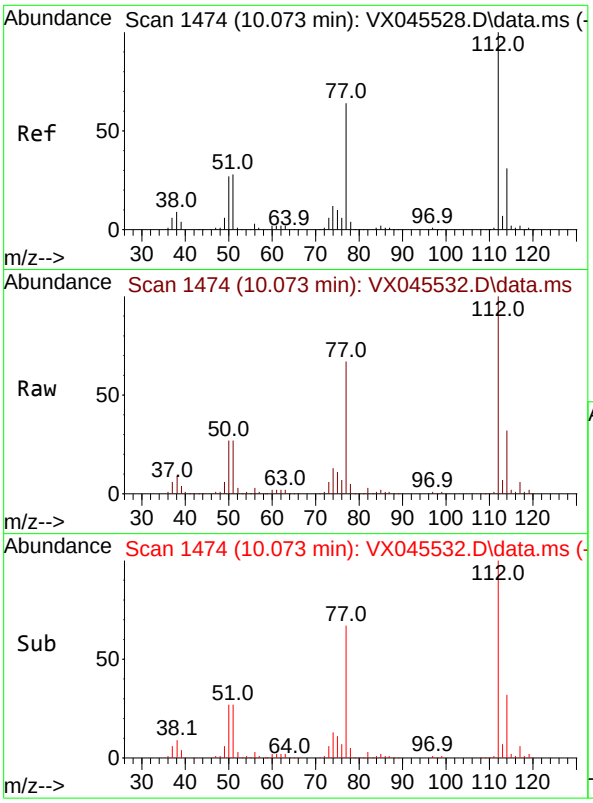


#64
Tetrachloroethene
Concen: 47.239 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:164 Resp: 50834

Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.8	155.8
129	104.3	84.3	126.5
131	102.6	80.9	121.3

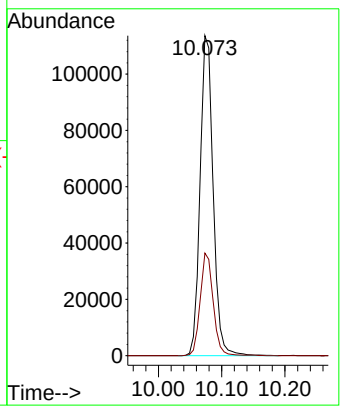




#65
Chlorobenzene
Concen: 50.207 ug/l
RT: 10.073 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:112 Resp: 16351

Ion	Ratio	Lower	Upper
112	100		
114	32.0	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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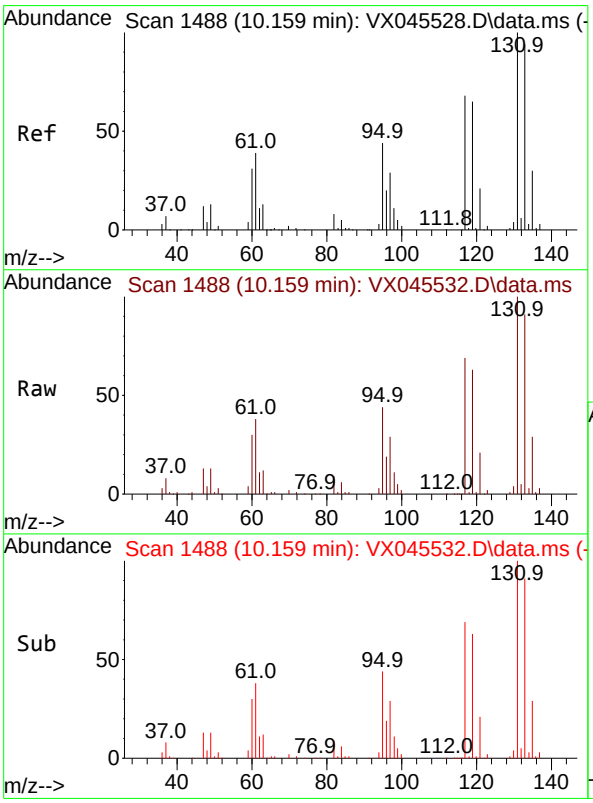
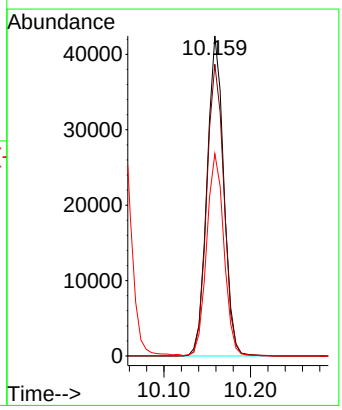
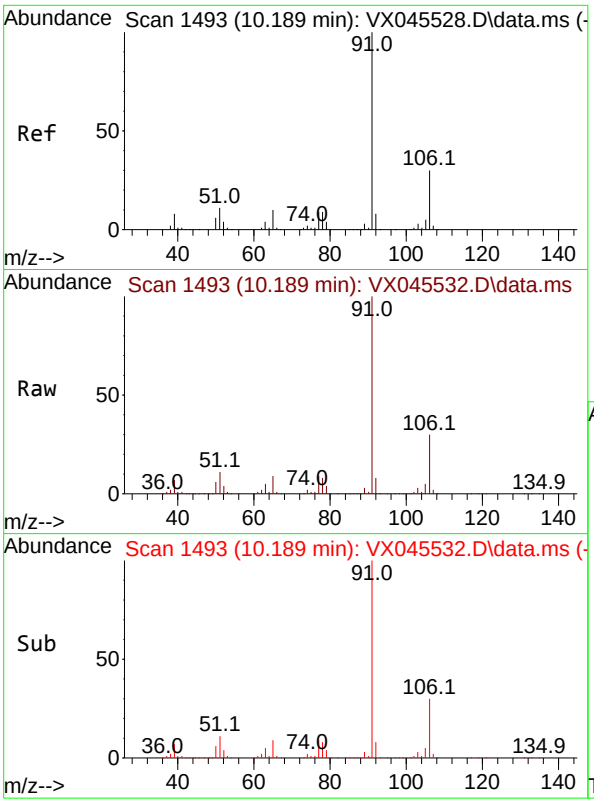


#66
1,1,1,2-Tetrachloroethane
Concen: 50.495 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:131 Resp: 57096

Ion	Ratio	Lower	Upper
131	100		
133	93.6	47.5	142.5
119	65.0	32.9	98.6

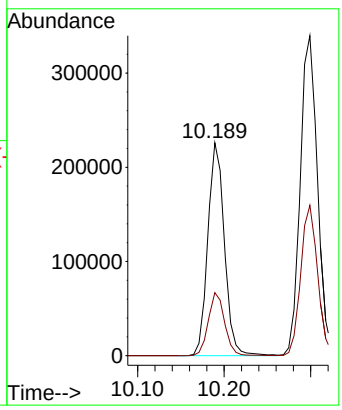




#67
Ethyl Benzene
Concen: 51.558 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 91 Resp: 30074

Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.7	35.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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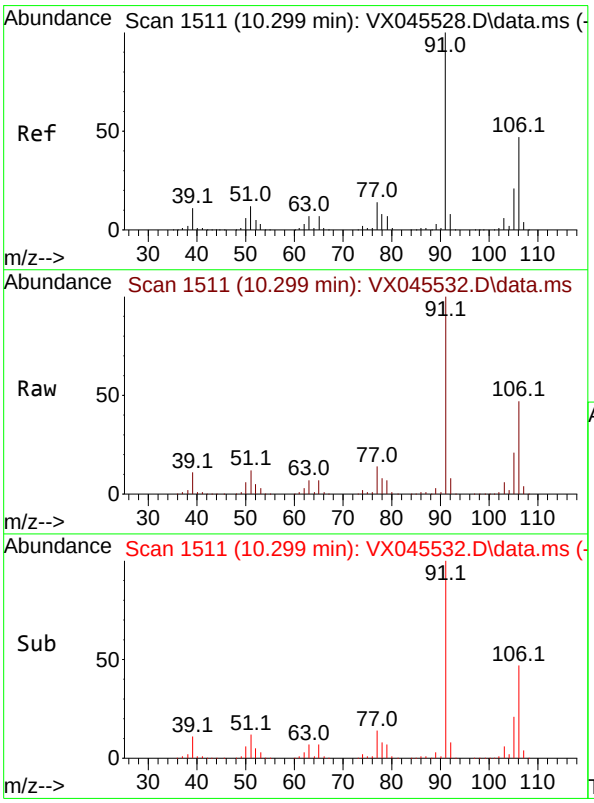
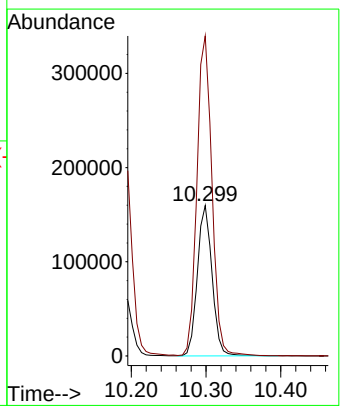
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

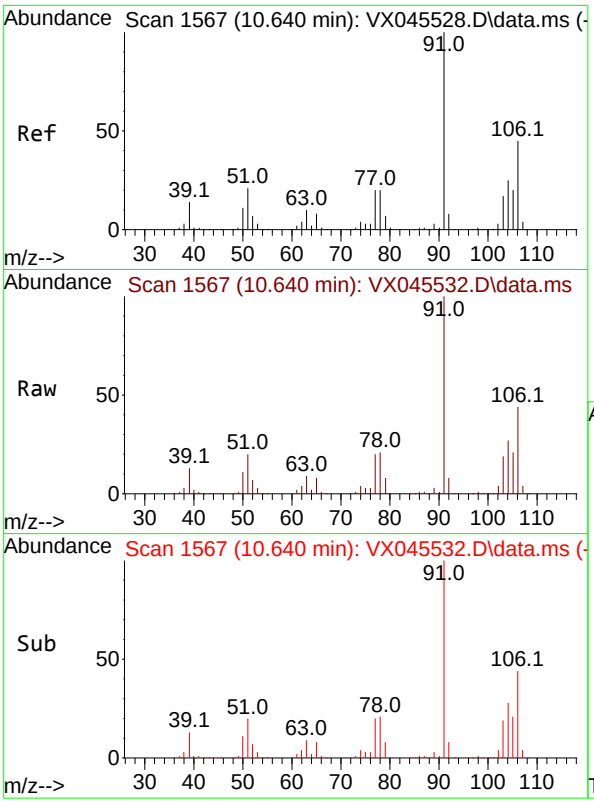


#68
m/p-Xylenes
Concen: 102.728 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:106 Resp: 217943

Ion	Ratio	Lower	Upper
106	100		
91	217.6	172.6	258.8

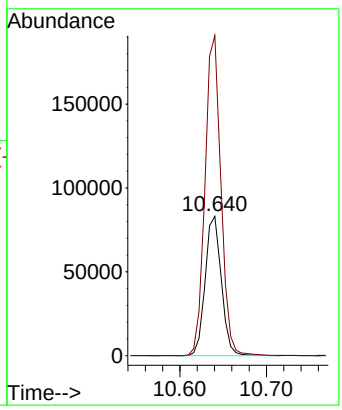




#69
o-Xylene
Concen: 51.650 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:106 Resp: 10794

Ion	Ratio	Lower	Upper
106	100		
91	226.8	113.6	340.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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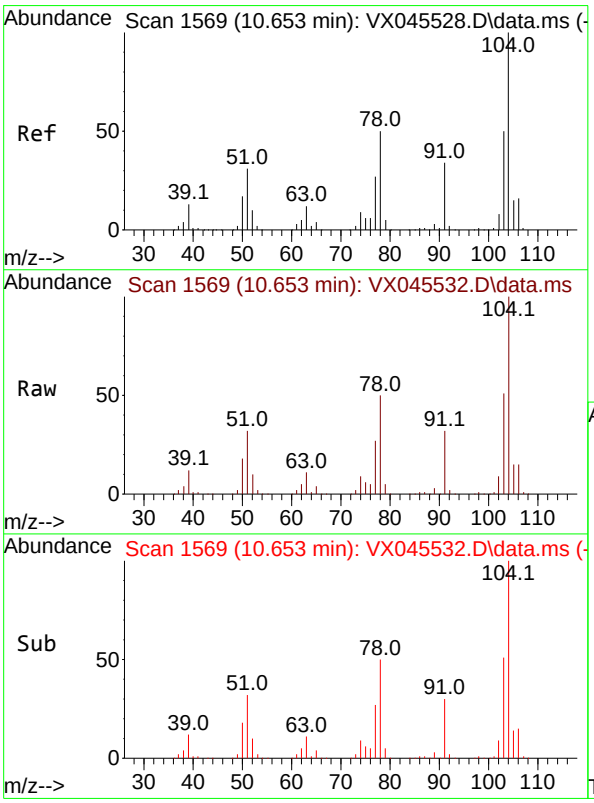
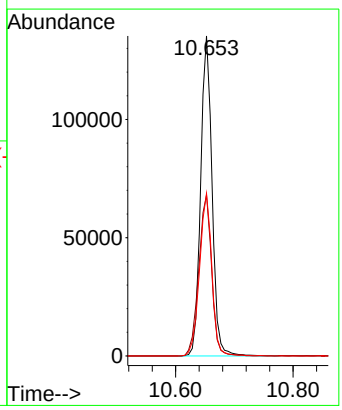
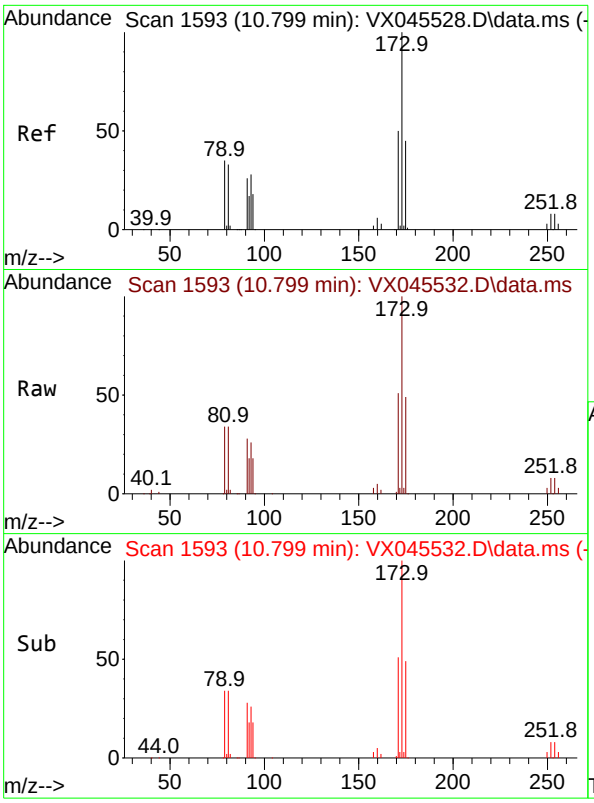


#70
Styrene
Concen: 52.624 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:104 Resp: 181524

Ion	Ratio	Lower	Upper
104	100		
78	57.0	45.4	68.2
103	55.2	43.8	65.8

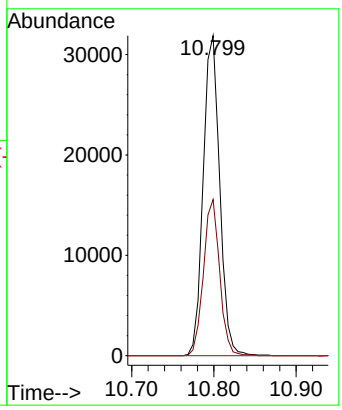




#71
Bromoform
Concen: 52.694 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:173 Resp: 4448

Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.4	70.2
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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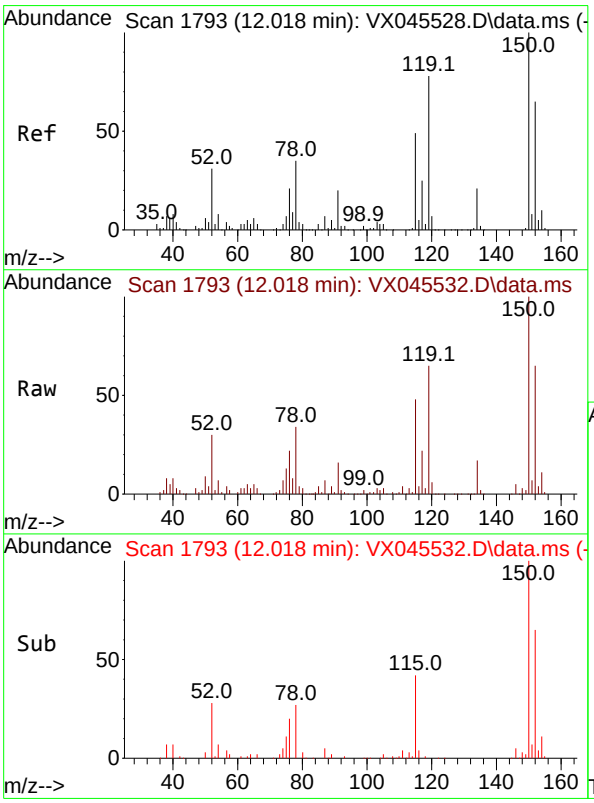
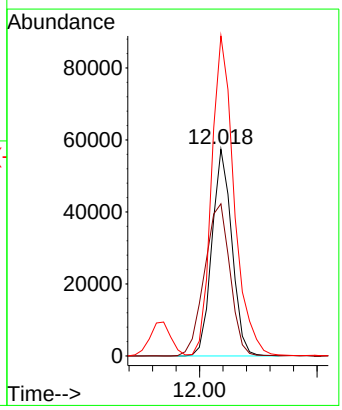
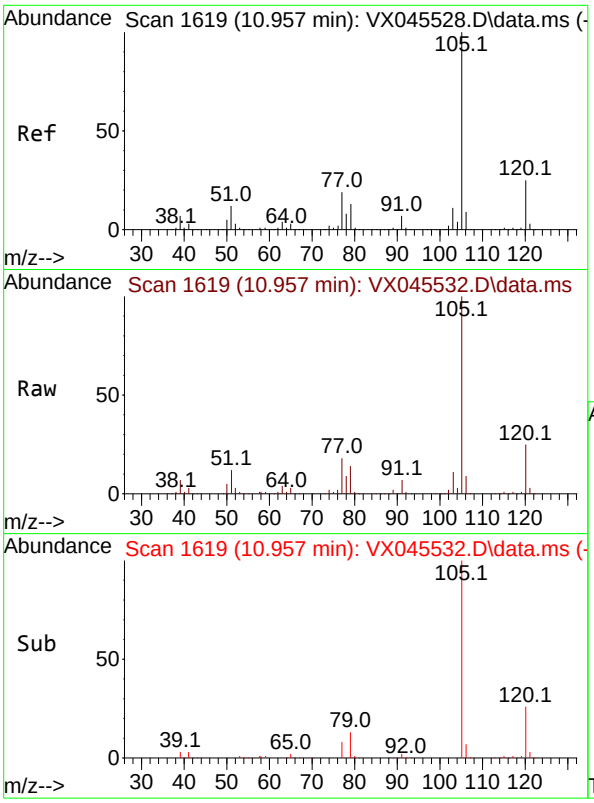


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:152 Resp: 67633

Ion	Ratio	Lower	Upper
152	100		
115	94.2	46.9	140.7
150	175.4	0.0	349.4





#73
Isopropylbenzene
Concen: 52.794 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:105 Resp: 28601

Ion	Ratio	Lower	Upper
105	100		
120	25.5	12.7	38.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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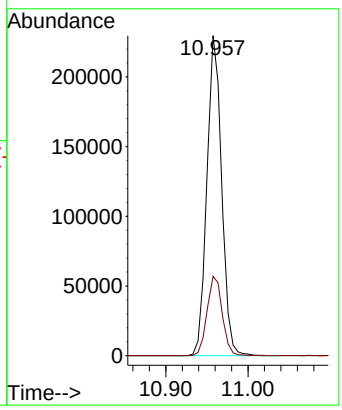
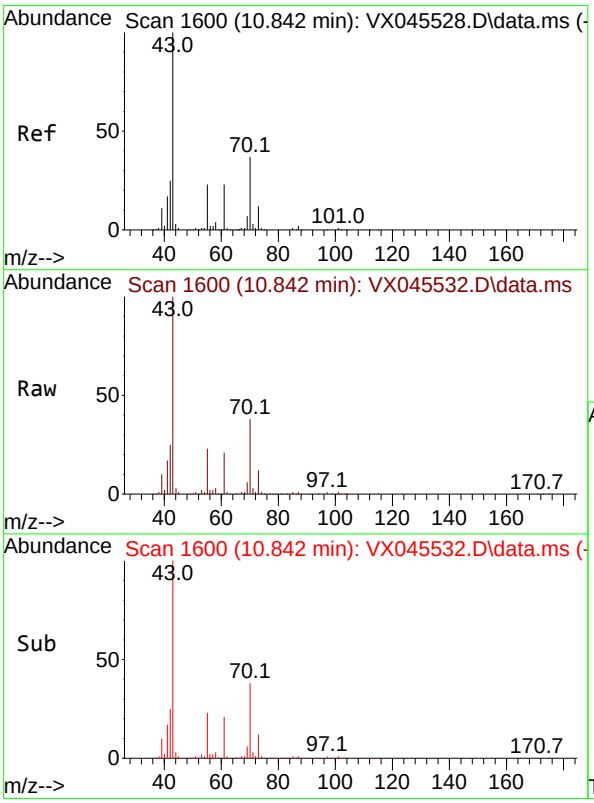
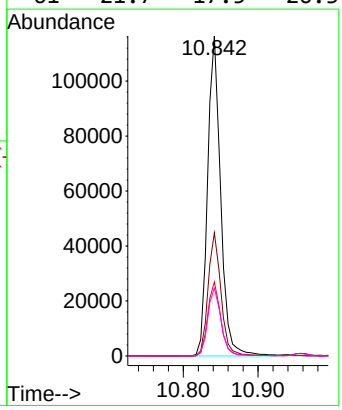


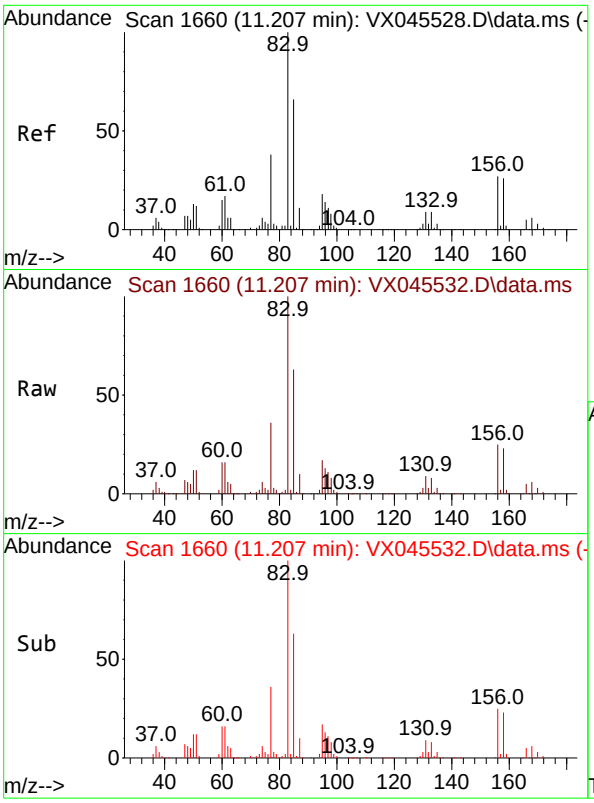


#74
N-amyl acetate
Concen: 54.387 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 43 Resp: 140941

Ion	Ratio	Lower	Upper
43	100		
70	38.2	30.1	45.1
55	23.3	18.3	27.5
61	21.7	17.5	26.3

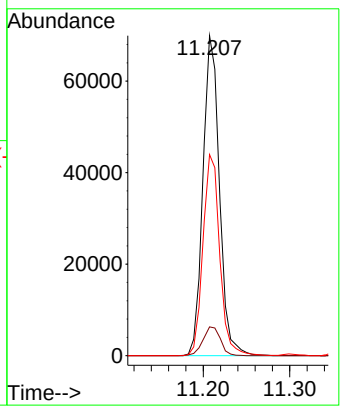




#75
1,1,2,2-Tetrachloroethane
Concen: 48.608 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 83 Resp: 9250

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.7	14.1
85	63.9	32.4	97.2



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

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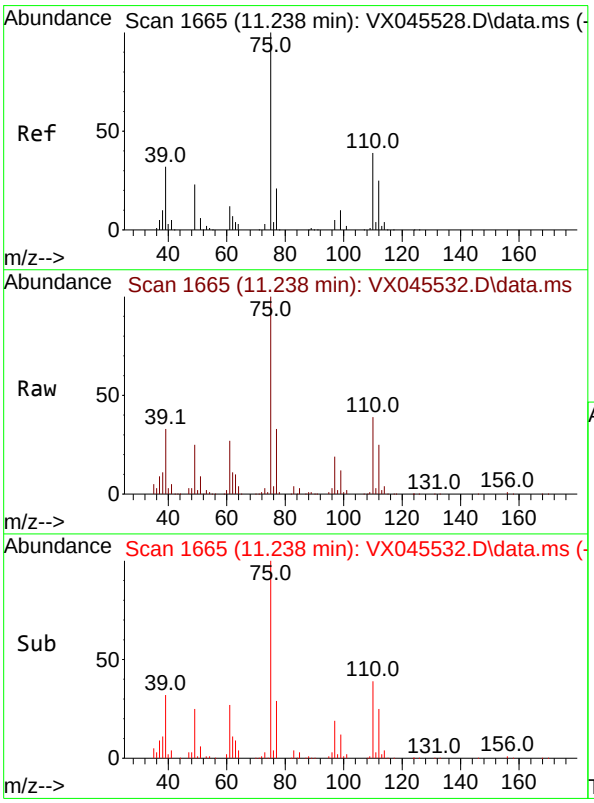
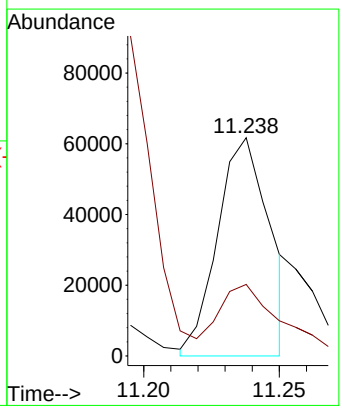
Supervised By :Mahesh Dadoda 04/02/2025

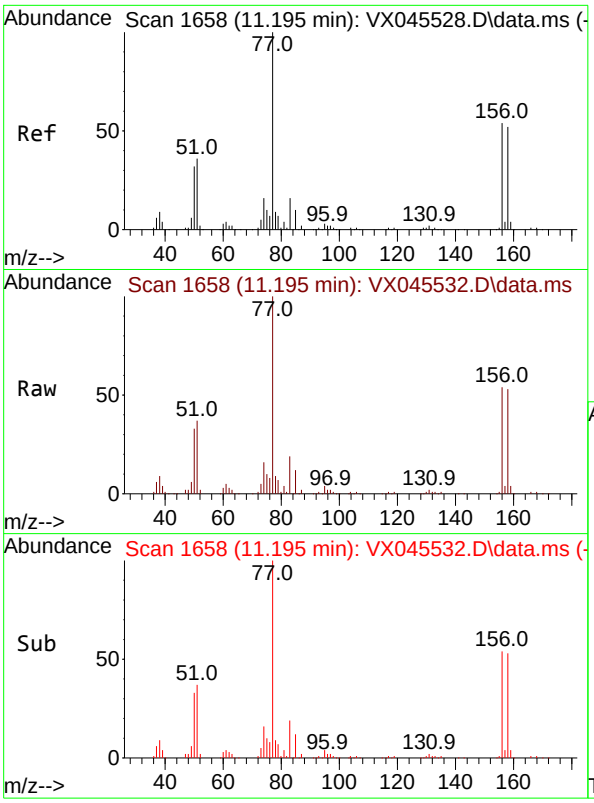


#76
1,2,3-Trichloropropane
Concen: 49.741 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 82060

Ion	Ratio	Lower	Upper
75	100		
77	40.0	20.0	59.9

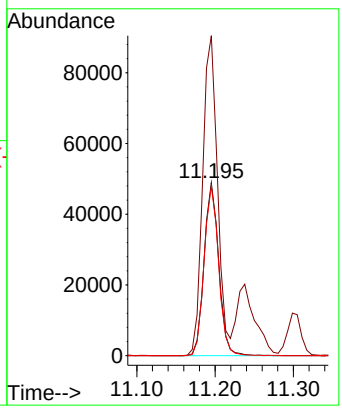




#77
Bromobenzene
Concen: 50.525 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:156 Resp: 6324

Ion	Ratio	Lower	Upper
156	100		
77	188.0	92.6	277.8
158	97.5	48.1	144.4



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

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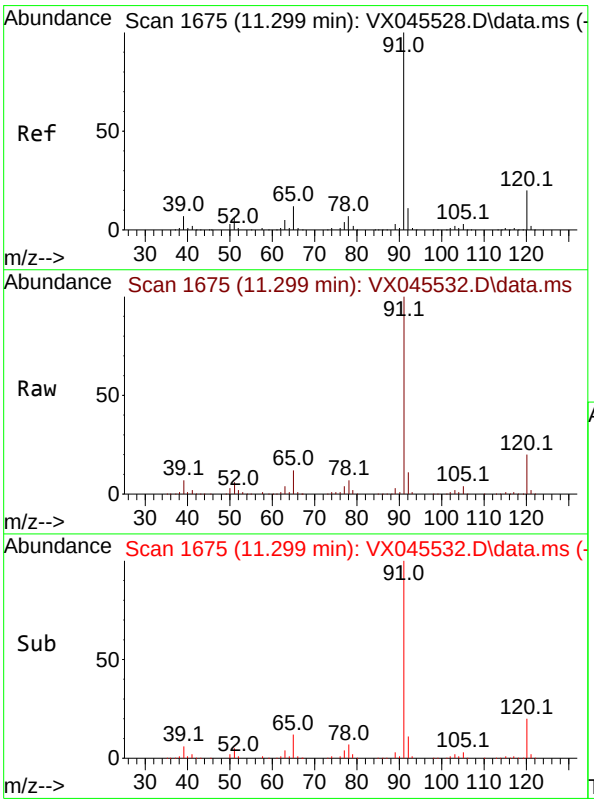
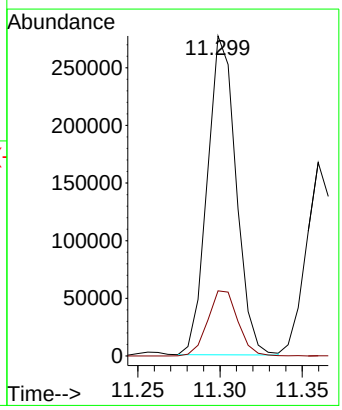
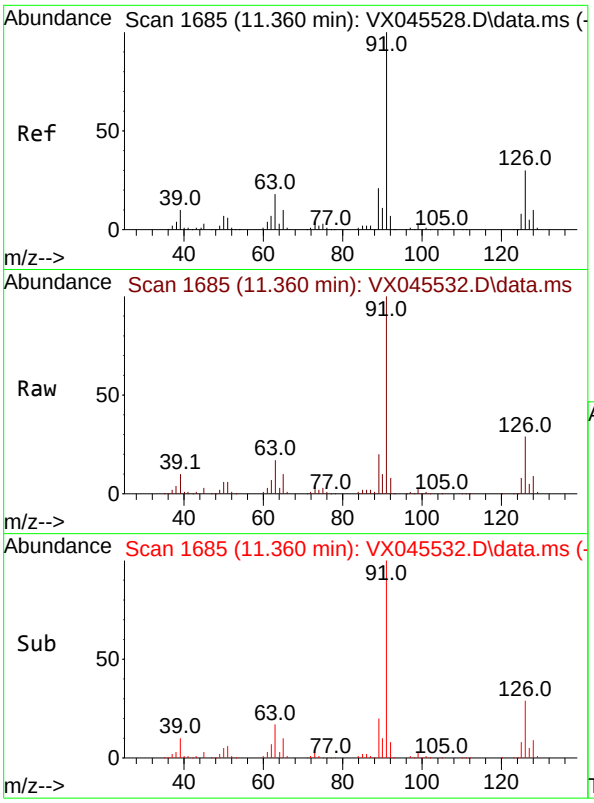


#78
n-propylbenzene
Concen: 53.967 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 91 Resp: 336753

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3





#79
2-Chlorotoluene
Concen: 51.057 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 91 Resp: 20367

Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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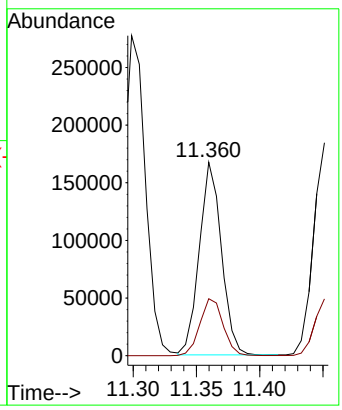
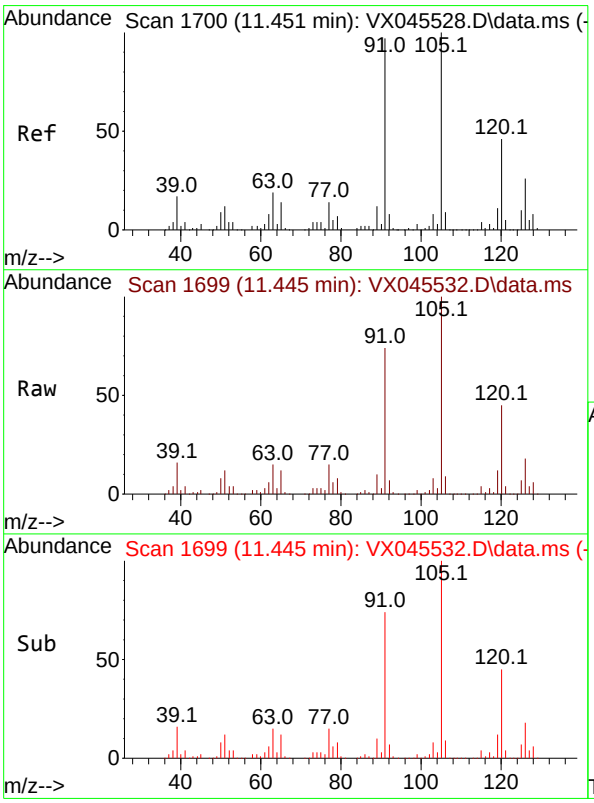
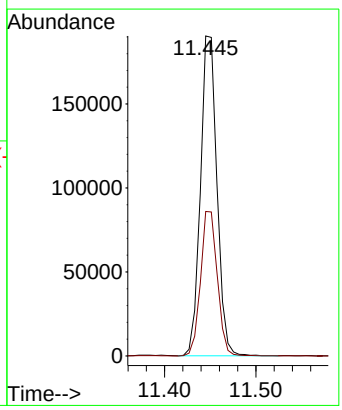


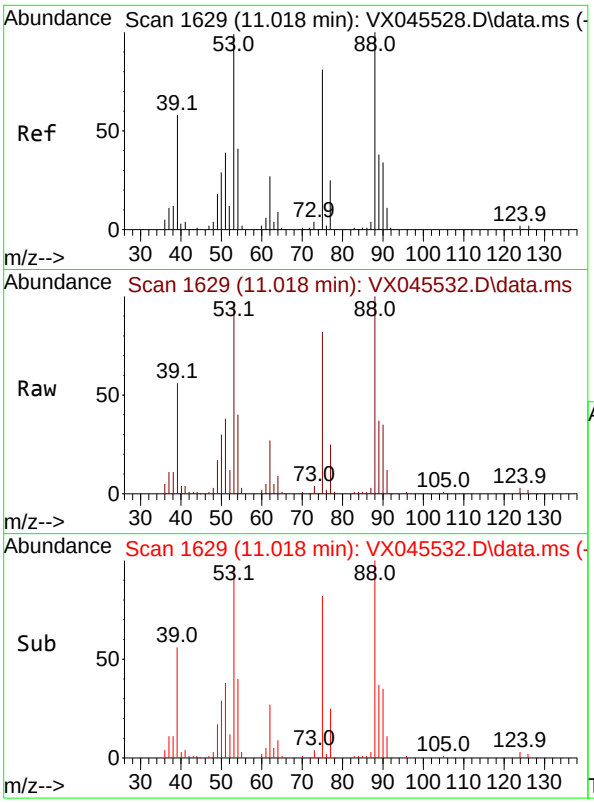


#80
1,3,5-Trimethylbenzene
Concen: 53.534 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:105 Resp: 239822

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.0	69.0

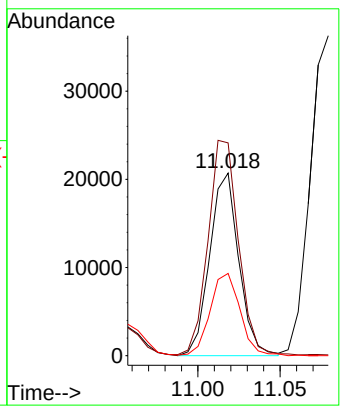




#81
trans-1,4-Dichloro-2-butene
Concen: 52.482 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 2551

Ion	Ratio	Lower	Upper
75	100		
53	124.4	101.8	152.6
89	46.4	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
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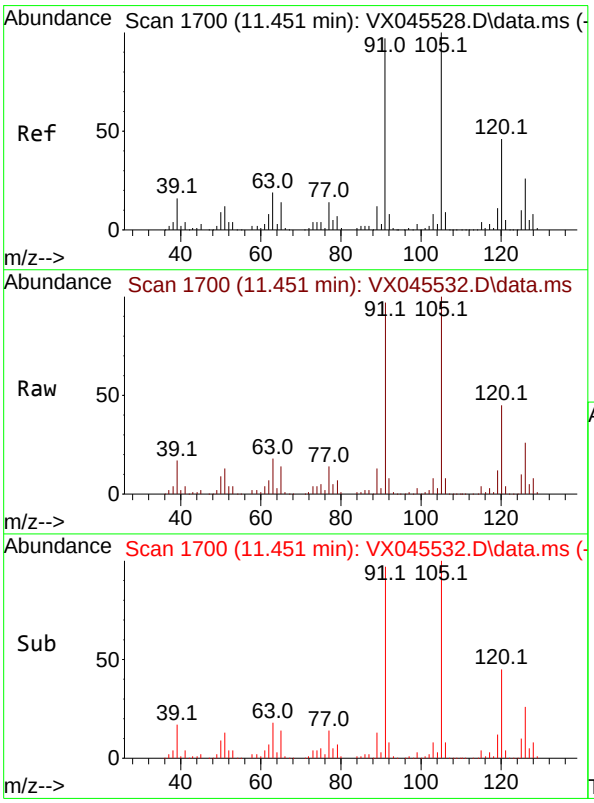
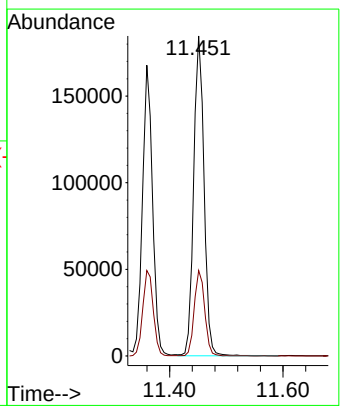
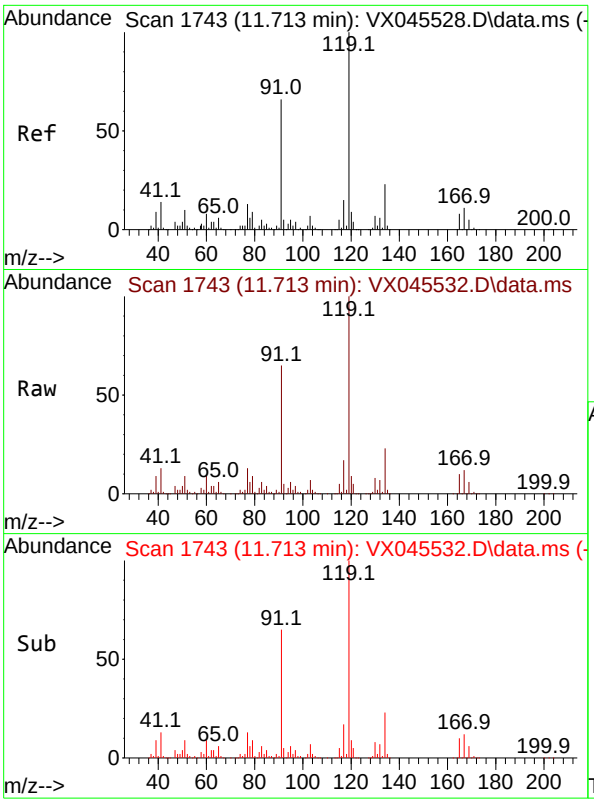


#82
4-Chlorotoluene
Concen: 52.422 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 91 Resp: 233159

Ion	Ratio	Lower	Upper
91	100		
126	26.8	13.3	39.9

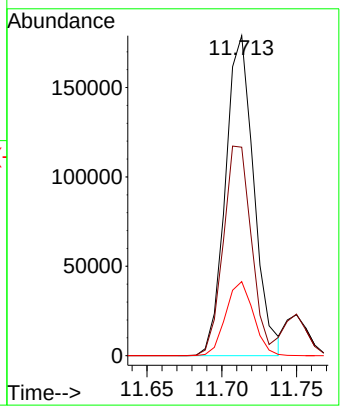




#83
tert-Butylbenzene
Concen: 53.274 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:119 Resp: 23627

Ion	Ratio	Lower	Upper
119	100		
91	64.8	32.4	97.2
134	22.6	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
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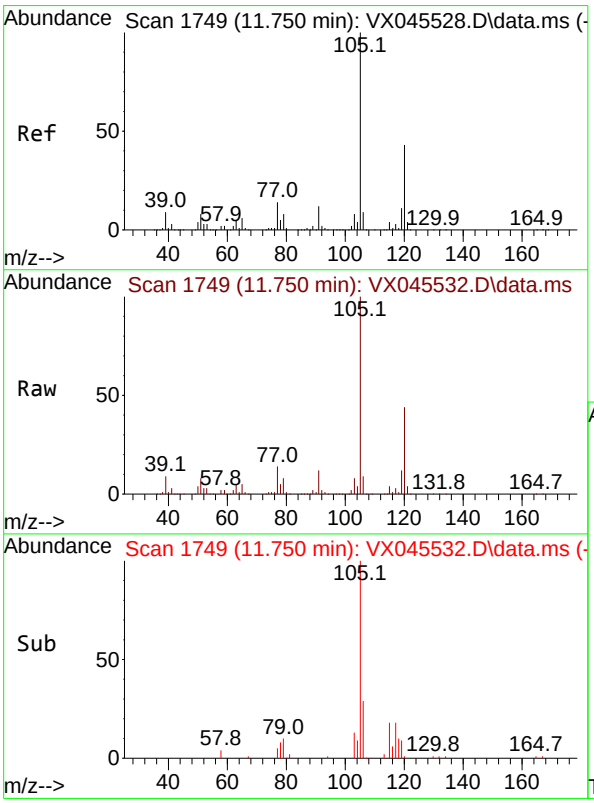
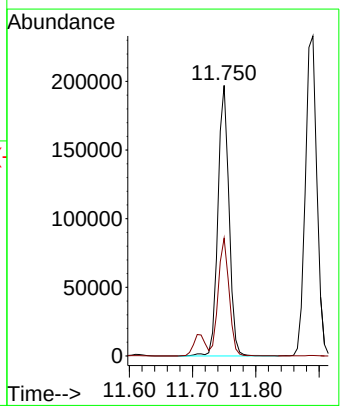
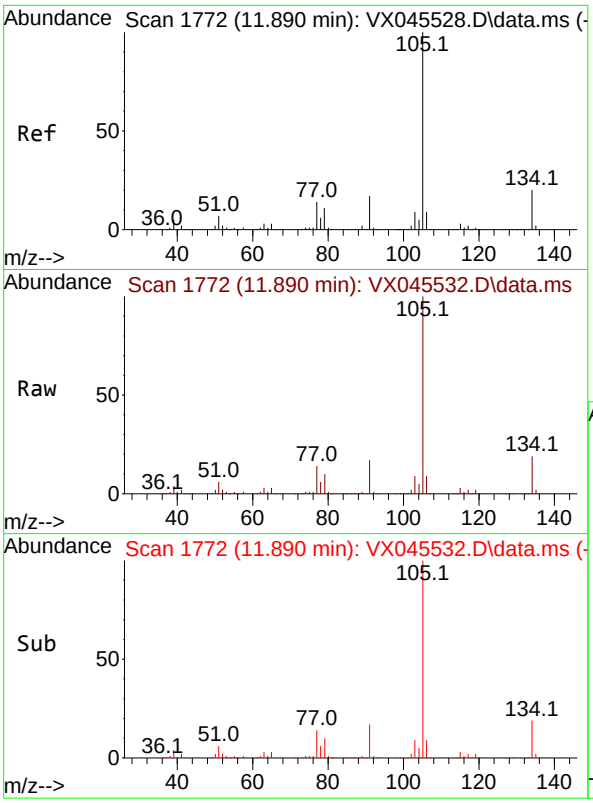


#84
1,2,4-Trimethylbenzene
Concen: 52.990 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:105 Resp: 238257

Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.4	64.3

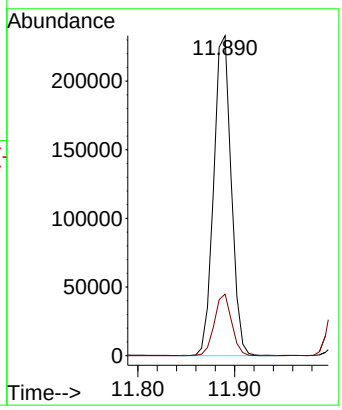




#85
sec-Butylbenzene
Concen: 53.903 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:105 Resp: 29363

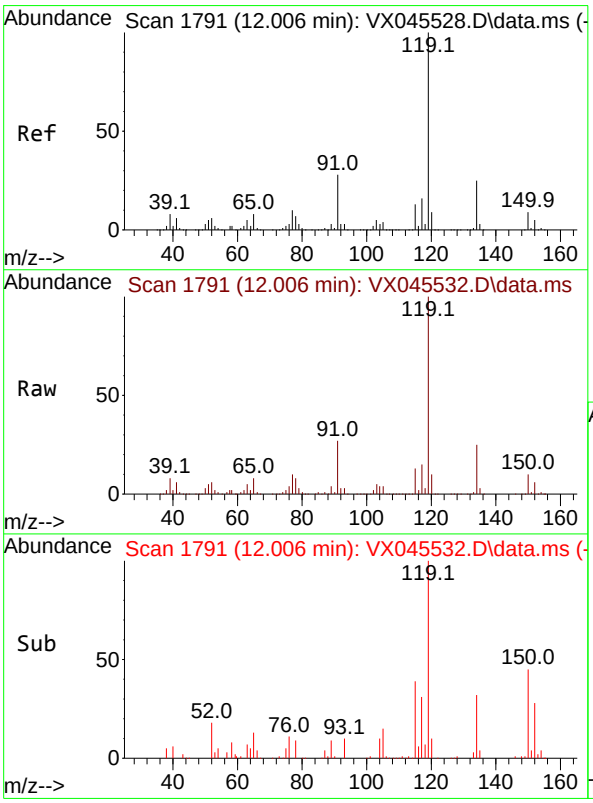
Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.6	28.6



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations
APPROVED

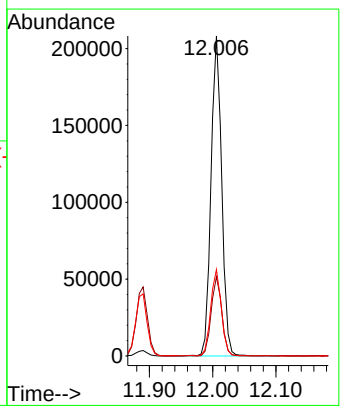
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

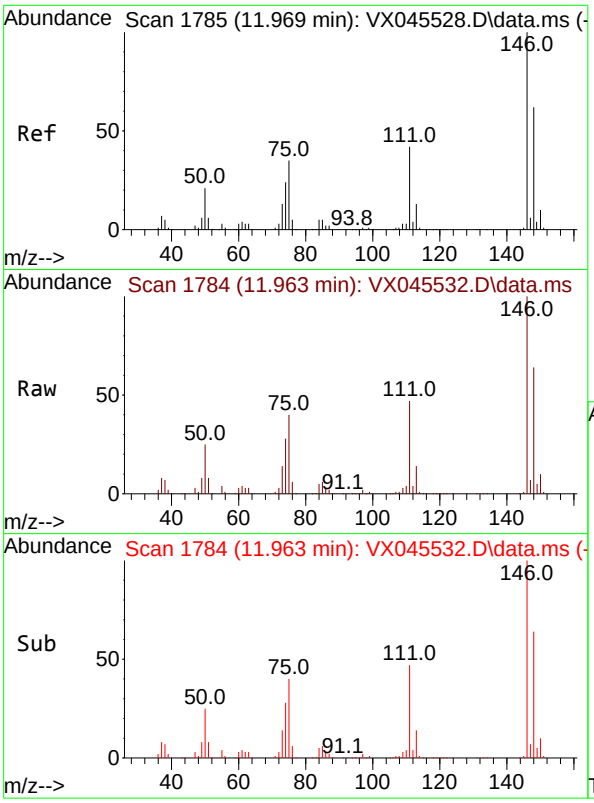


#86
p-Isopropyltoluene
Concen: 54.337 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:119 Resp: 244031

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.6	37.8
91	27.0	13.7	41.1

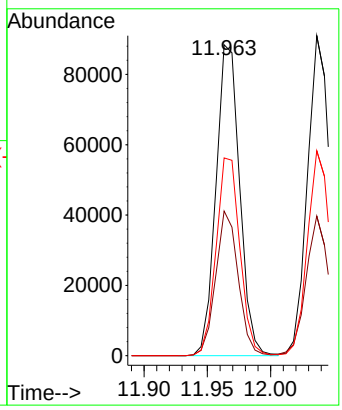




#87
1,3-Dichlorobenzene
Concen: 50.521 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:146 Resp: 11511

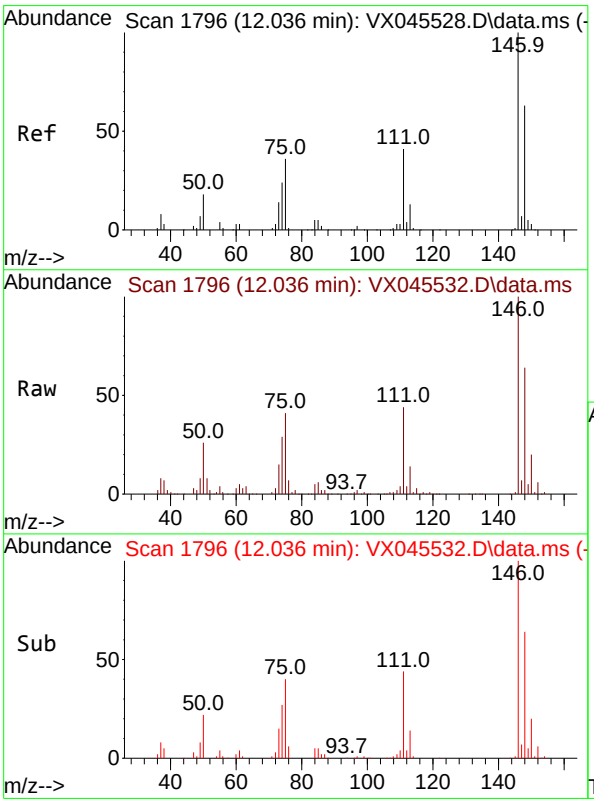
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.2	66.6
148	63.9	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

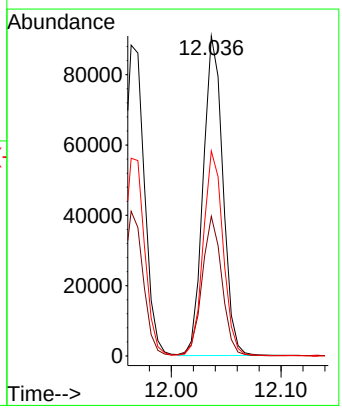
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

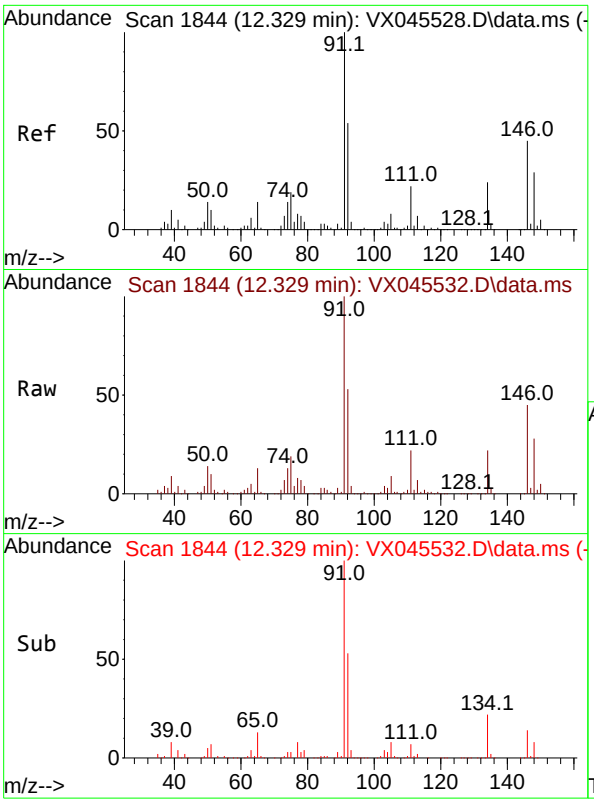


#88
1,4-Dichlorobenzene
Concen: 49.117 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:146 Resp: 113458

Ion	Ratio	Lower	Upper
146	100		
111	44.1	20.9	62.8
148	64.5	31.5	94.5

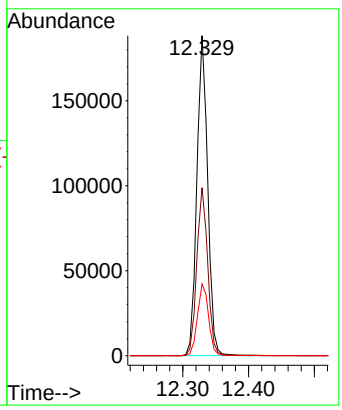




#89
n-Butylbenzene
Concen: 55.189 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 91 Resp: 21493

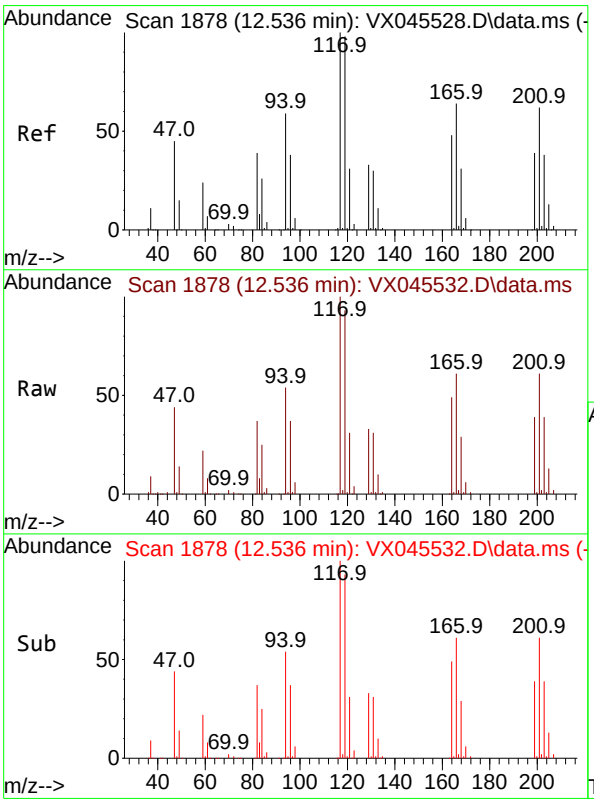
Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.6
134	23.0	11.9	35.7



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

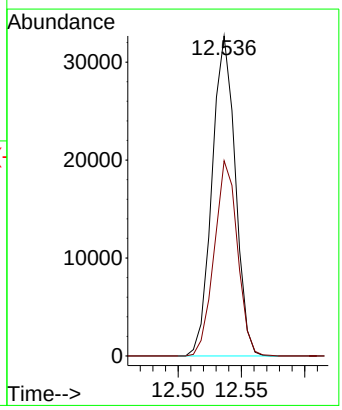
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

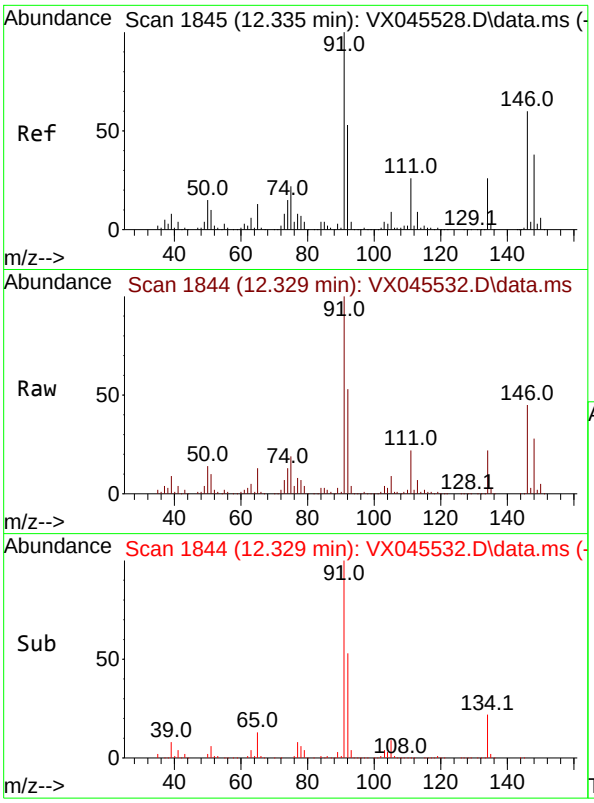


#90
Hexachloroethane
Concen: 54.066 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:117 Resp: 41729

Ion	Ratio	Lower	Upper
117	100		
201	61.0	31.2	93.6

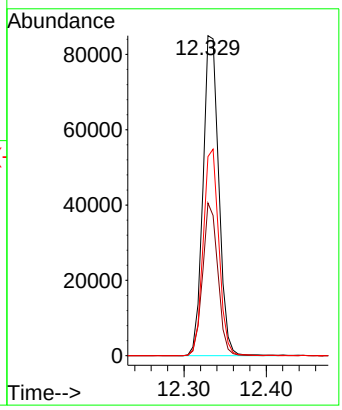




#91
1,2-Dichlorobenzene
Concen: 49.938 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:146 Resp: 11312

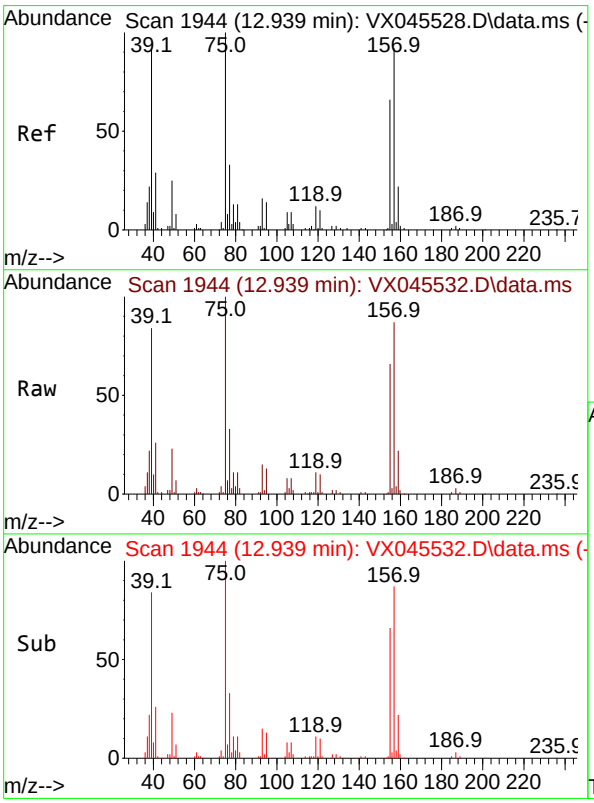
Ion	Ratio	Lower	Upper
146	100		
111	45.9	22.9	68.8
148	64.1	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

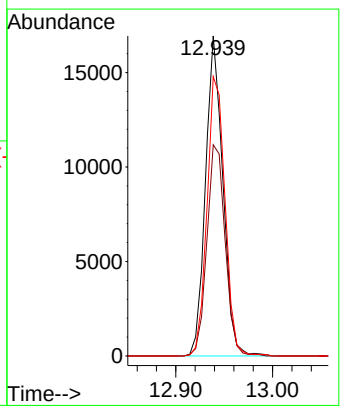
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

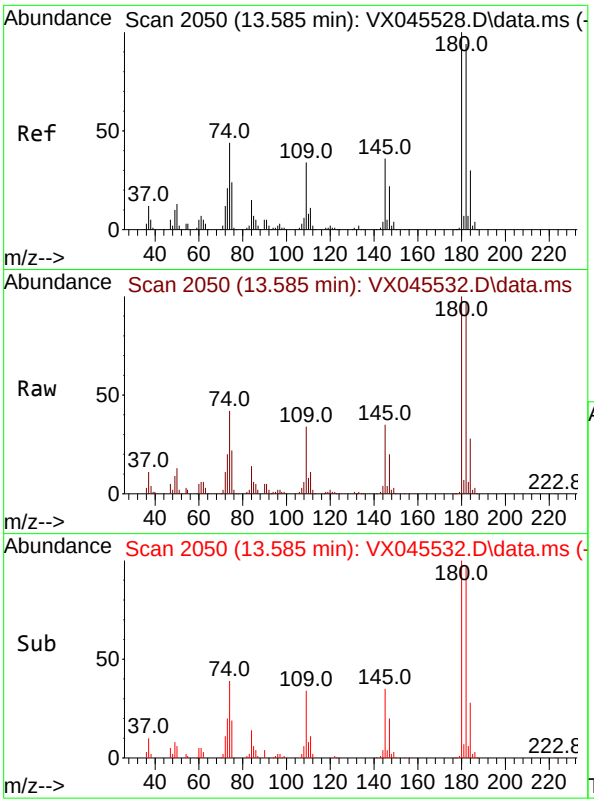


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.226 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion: 75 Resp: 21184

Ion	Ratio	Lower	Upper
75	100		
155	69.4	34.9	104.7
157	90.2	44.9	134.7

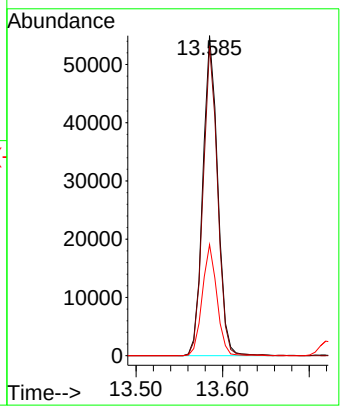




#93
1,2,4-Trichlorobenzene
Concen: 51.935 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:180 Resp: 6548

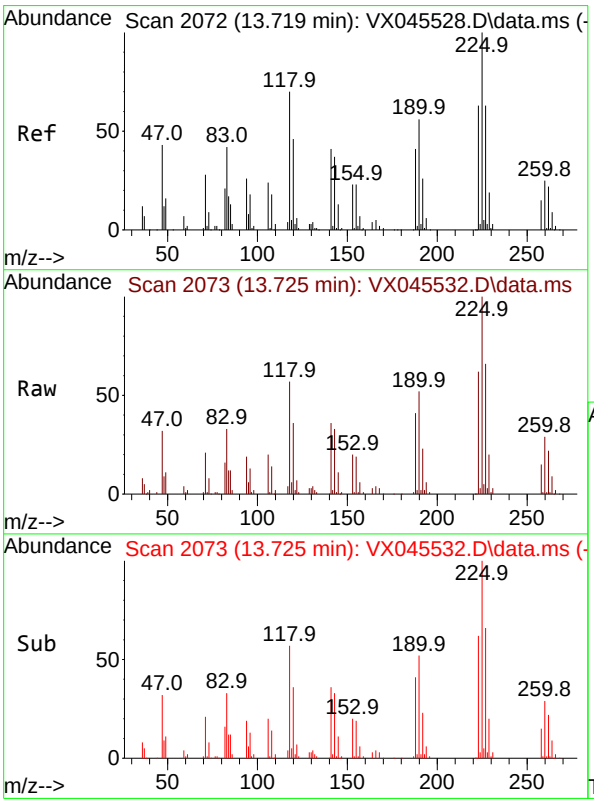
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.9	143.6
145	34.1	17.9	53.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

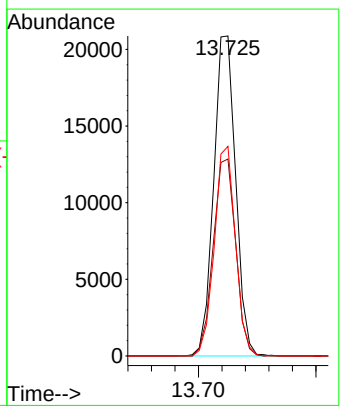
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025

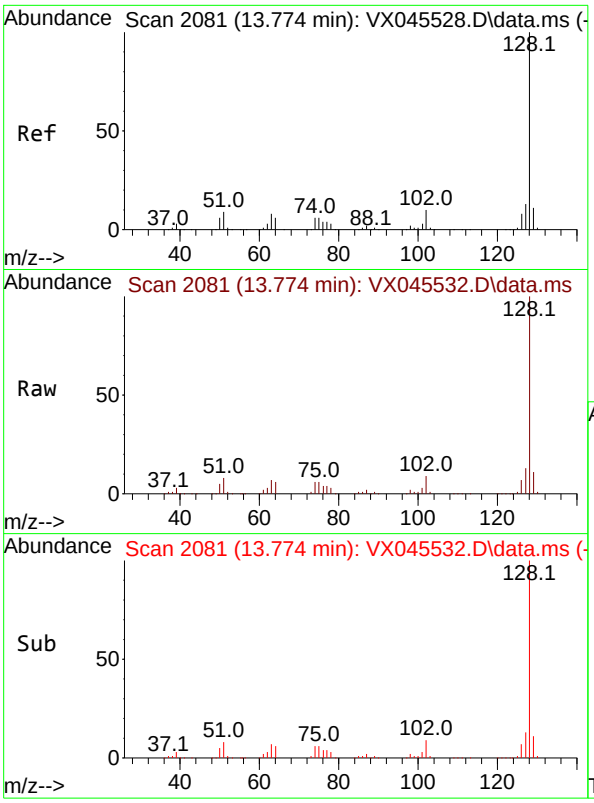


#94
Hexachlorobutadiene
Concen: 49.961 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:225 Resp: 27147

Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.1	93.3
227	63.0	32.2	96.6

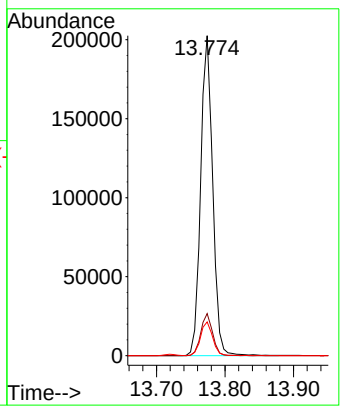




#95
Naphthalene
Concen: 52.765 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:128 Resp: 24760

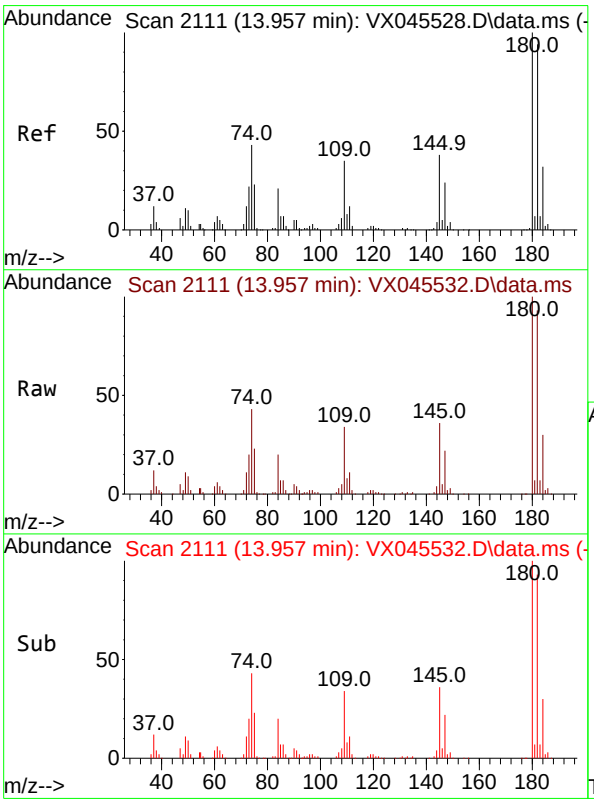
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Manual Integrations APPROVED

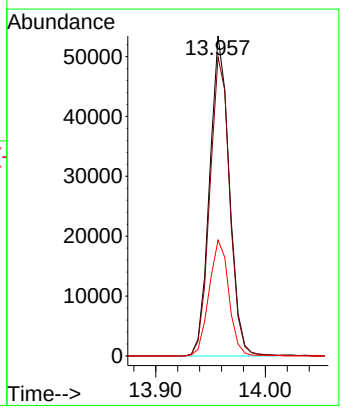
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.396 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045532.D
Acq: 01 Apr 2025 19:48

Tgt Ion:180 Resp: 66542

Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.8
145	36.4	18.2	54.6



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2	T	Dichlorodifluoromethane	0.748	0.784	-4.8	97	0.00
3	P	Chloromethane	0.768	0.743	3.3	96	0.00
4	C	Vinyl Chloride	0.703	0.686	2.4#	97	0.00
5	T	Bromomethane	0.333	0.313	6.0	96	0.00
6	T	Chloroethane	0.373	0.385	-3.2	98	0.00
7	T	Trichlorofluoromethane	1.048	1.056	-0.8	99	0.00
8	T	Diethyl Ether	0.352	0.347	1.4	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.608	1.0	99	0.00
10	T	Methyl Iodide	0.766	0.745	2.7	95	0.00
11	T	Tert butyl alcohol	0.123	0.121	1.6	97	0.00
12	CM	1,1-Dichloroethene	0.600	0.597	0.5#	100	0.00
13	T	Acrolein	0.169	0.161	4.7	98	0.00
14	T	Allyl chloride	1.139	1.151	-1.1	100	0.00
15	T	Acrylonitrile	0.388	0.385	0.8	96	0.00
16	T	Acetone	0.375	0.363	3.2	98	0.00
17	T	Carbon Disulfide	1.483	1.544	-4.1	101	0.00
18	T	Methyl Acetate	0.864	0.843	2.4	100	0.00
19	T	Methyl tert-butyl Ether	2.100	2.140	-1.9	102	0.00
20	T	Methylene Chloride	0.703	0.690	1.8	99	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.611	0.3	99	0.00
22	T	Diisopropyl ether	2.243	2.284	-1.8	101	0.00
23	T	Vinyl Acetate	1.938	2.074	-7.0	101	0.00
24	P	1,1-Dichloroethane	1.269	1.261	0.6	101	0.00
25	T	2-Butanone	0.550	0.560	-1.8	97	0.00
26	T	2,2-Dichloropropane	0.820	0.853	-4.0	102	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.733	1.9	99	0.00
28	T	Bromochloromethane	0.613	0.594	3.1	101	0.00
29	T	Tetrahydrofuran	0.356	0.356	0.0	97	0.00
30	C	Chloroform	1.306	1.295	0.8#	100	0.00
31	T	Cyclohexane	1.122	1.112	0.9	100	0.00
32	T	1,1,1-Trichloroethane	1.105	1.112	-0.6	102	0.00
33	S	1,2-Dichloroethane-d4	0.914	0.920	-0.7	107	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.355	0.349	1.7	105	0.00
36	T	1,1-Dichloropropene	0.479	0.480	-0.2	103	0.00
37	T	Ethyl Acetate	0.604	0.601	0.5	100	0.00
38	T	Carbon Tetrachloride	0.518	0.525	-1.4	102	0.00
39	T	Methylcyclohexane	0.587	0.589	-0.3	98	0.00
40	TM	Benzene	1.463	1.440	1.6	101	0.00
41	T	Methacrylonitrile	0.318	0.338	-6.3	100	0.00
42	TM	1,2-Dichloroethane	0.604	0.591	2.2	99	0.00
43	T	Isopropyl Acetate	0.915	0.943	-3.1	100	0.00
44	TM	Trichloroethene	0.348	0.331	4.9	98	0.00
45	C	1,2-Dichloropropane	0.365	0.361	1.1#	100	0.00
46	T	Dibromomethane	0.280	0.272	2.9	97	0.00
47	T	Bromodichloromethane	0.560	0.551	1.6	100	0.00
48	T	Methyl methacrylate	0.472	0.487	-3.2	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.008	11.1	92	0.00
50	S	Toluene-d8	1.238	1.242	-0.3	106	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.619	-2.1	97	0.00
52	CM	Toluene	0.885	0.867	2.0#	99	0.00
53	T	t-1,3-Dichloropropene	0.467	0.502	-7.5	103	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.567	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	0.353	0.346	2.0	100	0.00
56	T	Ethyl methacrylate	0.546	0.586	-7.3	102	0.00
57	T	1,3-Dichloropropane	0.614	0.613	0.2	101	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.287	-4.0	100	0.00
59	T	2-Hexanone	0.449	0.452	-0.7	96	0.00
60	T	Dibromochloromethane	0.385	0.392	-1.8	99	0.00
61	T	1,2-Dibromoethane	0.357	0.362	-1.4	101	0.00
62	S	4-Bromofluorobenzene	0.451	0.460	-2.0	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.353	0.334	5.4	97	0.00
65	PM	Chlorobenzene	1.068	1.073	-0.5	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.375	-1.1	102	0.00
67	C	Ethyl Benzene	1.914	1.973	-3.1#	100	0.00
68	T	m/p-Xylenes	0.696	0.715	-2.7	100	0.00
69	T	o-Xylene	0.686	0.708	-3.2	100	0.00
70	T	Styrene	1.132	1.191	-5.2	99	0.00
71	P	Bromoform	0.277	0.292	-5.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	4.005	4.229	-5.6	99	0.00
74	T	N-amyl acetate	1.916	2.084	-8.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.368	2.8	97	0.00
76	T	1,2,3-Trichloropropane	1.220	1.213	0.6	97	0.00
77	T	Bromobenzene	0.925	0.935	-1.1	98	0.00
78	T	n-propylbenzene	4.613	4.979	-7.9	100	0.00
79	T	2-Chlorotoluene	2.949	3.012	-2.1	100	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.546	-7.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.377	-5.0	100	0.00
82	T	4-Chlorotoluene	3.288	3.447	-4.8	98	0.00
83	T	tert-Butylbenzene	3.279	3.494	-6.6	100	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.523	-6.0	98	0.00
85	T	sec-Butylbenzene	4.027	4.342	-7.8	99	0.00
86	T	p-Isopropyltoluene	3.320	3.608	-8.7	101	0.00
87	T	1,3-Dichlorobenzene	1.684	1.702	-1.1	98	0.00
88	T	1,4-Dichlorobenzene	1.708	1.678	1.8	97	0.00
89	T	n-Butylbenzene	2.879	3.178	-10.4	99	0.00
90	T	Hexachloroethane	0.571	0.617	-8.1	102	0.00
91	T	1,2-Dichlorobenzene	1.675	1.673	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.313	-6.5	98	0.00
93	T	1,2,4-Trichlorobenzene	0.932	0.968	-3.9	101	0.00
94	T	Hexachlorobutadiene	0.402	0.401	0.2	98	0.00
95	T	Naphthalene	3.469	3.661	-5.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	0.984	-0.8	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	52.454	-4.9	97	0.00
3	P	Chloromethane	50.000	48.349	3.3	96	0.00
4	C	Vinyl Chloride	50.000	48.816	2.4#	97	0.00
5	T	Bromomethane	50.000	46.991	6.0	96	0.00
6	T	Chloroethane	50.000	51.586	-3.2	98	0.00
7	T	Trichlorofluoromethane	50.000	50.354	-0.7	99	0.00
8	T	Diethyl Ether	50.000	49.228	1.5	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.528	0.9	99	0.00
10	T	Methyl Iodide	50.000	48.626	2.7	95	0.00
11	T	Tert butyl alcohol	250.000	246.612	1.4	97	0.00
12	CM	1,1-Dichloroethene	50.000	49.726	0.5#	100	0.00
13	T	Acrolein	250.000	238.141	4.7	98	0.00
14	T	Allyl chloride	50.000	50.541	-1.1	100	0.00
15	T	Acrylonitrile	250.000	248.351	0.7	96	0.00
16	T	Acetone	250.000	241.904	3.2	98	0.00
17	T	Carbon Disulfide	50.000	52.057	-4.1	101	0.00
18	T	Methyl Acetate	50.000	48.742	2.5	100	0.00
19	T	Methyl tert-butyl Ether	50.000	50.950	-1.9	102	0.00
20	T	Methylene Chloride	50.000	49.055	1.9	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.800	0.4	99	0.00
22	T	Diisopropyl ether	50.000	50.895	-1.8	101	0.00
23	T	Vinyl Acetate	250.000	267.449	-7.0	101	0.00
24	P	1,1-Dichloroethane	50.000	49.677	0.6	101	0.00
25	T	2-Butanone	250.000	254.882	-2.0	97	0.00
26	T	2,2-Dichloropropane	50.000	52.020	-4.0	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.049	1.9	99	0.00
28	T	Bromochloromethane	50.000	48.403	3.2	101	0.00
29	T	Tetrahydrofuran	250.000	249.473	0.2	97	0.00
30	C	Chloroform	50.000	49.614	0.8#	100	0.00
31	T	Cyclohexane	50.000	49.583	0.8	100	0.00
32	T	1,1,1-Trichloroethane	50.000	50.330	-0.7	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.329	-0.7	107	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35	S	Dibromofluoromethane	50.000	49.256	1.5	105	0.00
36	T	1,1-Dichloropropene	50.000	50.088	-0.2	103	0.00
37	T	Ethyl Acetate	50.000	49.787	0.4	100	0.00
38	T	Carbon Tetrachloride	50.000	50.667	-1.3	102	0.00
39	T	Methylcyclohexane	50.000	50.124	-0.2	98	0.00
40	TM	Benzene	50.000	49.212	1.6	101	0.00
41	T	Methacrylonitrile	50.000	53.098	-6.2	100	0.00
42	TM	1,2-Dichloroethane	50.000	48.875	2.3	99	0.00
43	T	Isopropyl Acetate	50.000	51.539	-3.1	100	0.00
44	TM	Trichloroethene	50.000	47.643	4.7	98	0.00
45	C	1,2-Dichloropropane	50.000	49.521	1.0#	100	0.00
46	T	Dibromomethane	50.000	48.542	2.9	97	0.00
47	T	Bromodichloromethane	50.000	49.273	1.5	100	0.00
48	T	Methyl methacrylate	50.000	51.507	-3.0	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	955.327	4.5	92	0.00
50	S	Toluene-d8	50.000	50.160	-0.3	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.994	-2.0	97	0.00
52	CM	Toluene	50.000	48.994	2.0#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	46.783	6.4	103	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.878	-7.8	104	0.00
55	T	1,1,2-Trichloroethane	50.000	49.007	2.0	100	0.00
56	T	Ethyl methacrylate	50.000	53.705	-7.4	102	0.00
57	T	1,3-Dichloropropane	50.000	49.869	0.3	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.201	-4.1	100	0.00
59	T	2-Hexanone	250.000	251.710	-0.7	96	0.00
60	T	Dibromochloromethane	50.000	50.983	-2.0	99	0.00
61	T	1,2-Dibromoethane	50.000	50.693	-1.4	101	0.00
62	S	4-Bromofluorobenzene	50.000	50.959	-1.9	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	47.239	5.5	97	0.00
65	PM	Chlorobenzene	50.000	50.207	-0.4	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.495	-1.0	102	0.00
67	C	Ethyl Benzene	50.000	51.558	-3.1#	100	0.00
68	T	m/p-Xylenes	100.000	102.728	-2.7	100	0.00
69	T	o-Xylene	50.000	51.650	-3.3	100	0.00
70	T	Styrene	50.000	52.624	-5.2	99	0.00
71	P	Bromoform	50.000	52.694	-5.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	52.794	-5.6	99	0.00
74	T	N-amyl acetate	50.000	54.387	-8.8	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.608	2.8	97	0.00
76	T	1,2,3-Trichloropropane	50.000	49.741	0.5	97	0.00
77	T	Bromobenzene	50.000	50.525	-1.0	98	0.00
78	T	n-propylbenzene	50.000	53.967	-7.9	100	0.00
79	T	2-Chlorotoluene	50.000	51.057	-2.1	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.534	-7.1	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.482	-5.0	100	0.00
82	T	4-Chlorotoluene	50.000	52.422	-4.8	98	0.00
83	T	tert-Butylbenzene	50.000	53.274	-6.5	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.990	-6.0	98	0.00
85	T	sec-Butylbenzene	50.000	53.903	-7.8	99	0.00
86	T	p-Isopropyltoluene	50.000	54.337	-8.7	101	0.00
87	T	1,3-Dichlorobenzene	50.000	50.521	-1.0	98	0.00
88	T	1,4-Dichlorobenzene	50.000	49.117	1.8	97	0.00
89	T	n-Butylbenzene	50.000	55.189	-10.4	99	0.00
90	T	Hexachloroethane	50.000	54.066	-8.1	102	0.00
91	T	1,2-Dichlorobenzene	50.000	49.938	0.1	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.226	-6.5	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.935	-3.9	101	0.00
94	T	Hexachlorobutadiene	50.000	49.961	0.1	98	0.00
95	T	Naphthalene	50.000	52.765	-5.5	97	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045532.D
Acq On : 01 Apr 2025 19:48
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX040225

Quant Time: Apr 02 03:14:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	50.396	-0.8	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_Y Calibration Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Calibration Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021953.D RRF010 = VY021954.D RRF020 = VY021955.D
RRF050 = VY021956.D RRF100 = VY021957.D RRF150 = VY021958.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Benzene	1.423	1.439	1.351	1.337	1.415	1.358	1.387	3.1
Toluene	0.838	0.915	0.875	0.894	0.952	0.913	0.898	4.4
Ethyl Benzene	1.693	1.840	1.718	1.835	1.990	1.898	1.829	6.1
m/p-Xylenes	0.664	0.720	0.699	0.734	0.797	0.754	0.728	6.3
o-Xylene	0.599	0.639	0.635	0.689	0.747	0.716	0.671	8.3
Isopropylbenzene	3.061	3.316	3.102	3.325	3.639	3.599	3.341	7.2
n-propylbenzene	3.708	3.996	3.778	3.977	4.258	4.152	3.978	5.3
1,3,5-Trimethylbenzene	2.467	2.757	2.614	2.800	2.978	2.898	2.752	6.8
tert-Butylbenzene	2.246	2.382	2.263	2.494	2.725	2.701	2.469	8.5
1,2,4-Trimethylbenzene	2.415	2.717	2.631	2.784	3.027	2.945	2.753	8
sec-Butylbenzene	3.254	3.724	3.409	3.602	3.898	3.786	3.612	6.7
p-Isopropyltoluene	2.717	3.016	2.869	3.094	3.386	3.321	3.067	8.4
n-Butylbenzene	2.477	2.790	2.545	2.742	2.976	2.919	2.742	7.2
1,2-Dichloroethane-d4	0.525	0.477	0.459	0.466	0.418	0.427	0.462	8.3
Dibromofluoromethane	0.335	0.341	0.330	0.330	0.319	0.327	0.330	2.3
Toluene-d8	1.220	1.260	1.211	1.276	1.244	1.261	1.245	2
4-Bromofluorobenzene	0.408	0.429	0.401	0.426	0.423	0.428	0.419	2.8

* 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 GCVOA_Y

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y042225S.M
Title : SW846 8260
Last Update : Wed Apr 23 02:30:30 2025
Response Via : Initial Calibration

Calibration Files
5 =VY021953.D 10 =VY021954.D 20 =VY021955.D 50 =VY021956.D 100 =VY021957.D 150 =VY021958.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.469	0.477	0.405	0.393	0.408	0.405	0.426	8.66
3)	P	Chloromethane	0.704	0.670	0.636	0.602	0.529	0.498	0.607	13.24
4)	C	Vinyl Chloride	0.829	0.830	0.758	0.730	0.680	0.647	0.745	10.14#
5)	T	Bromomethane	0.782	0.697	0.674	0.596	0.554	0.550	0.642	14.29
6)	T	Chloroethane	0.589	0.550	0.524	0.494	0.460	0.429	0.508	11.60
7)	T	Trichlorofluor...	1.048	1.075	0.987	0.960	0.921	0.907	0.983	6.87
8)	T	Diethyl Ether	0.283	0.266	0.253	0.247	0.246	0.240	0.256	6.23
9)	T	1,1,2-Trichlor...	0.604	0.591	0.530	0.489	0.497	0.488	0.533	9.83
10)	T	Methyl Iodide	0.573	0.619	0.604	0.629	0.651	0.628	0.617	4.33
11)	T	Tert butyl alc...	0.027	0.024	0.027	0.026	0.023	0.025	0.025	6.35
12)	CM	1,1-Dichloroet...	0.525	0.532	0.483	0.471	0.487	0.484	0.497	5.05#
13)	T	Acrolein	0.053	0.045	0.051	0.042	0.040	0.042	0.046	11.55
14)	T	Allyl chloride	0.620	0.607	0.558	0.555	0.575	0.557	0.579	4.82
15)	T	Acrylonitrile	0.103	0.090	0.099	0.093	0.088	0.088	0.094	6.56
16)	T	Acetone	0.092	0.084	0.066	0.063	0.058	0.057	0.070	20.66
17)	T	Carbon Disulfide	1.736	1.737	1.569	1.493	1.516	1.459	1.585	7.75
18)	T	Methyl Acetate	0.214	0.200	0.231	0.223	0.208	0.219	0.216	5.16
19)	T	Methyl tert-bu...	1.098	1.067	1.102	1.133	1.141	1.134	1.113	2.57
20)	T	Methylene Chlo...	0.759	0.625	0.574	0.533	0.518	0.494	0.584	16.72
21)	T	trans-1,2-Dich...	0.619	0.578	0.533	0.532	0.546	0.532	0.557	6.29
22)	T	Diisopropyl ether	1.282	1.292	1.316	1.290	1.300	1.248	1.288	1.78
23)	T	Vinyl Acetate	0.657	0.684	0.700	0.716	0.713	0.694	0.694	3.15
24)	P	1,1-Dichloroet...	0.987	0.943	0.893	0.853	0.855	0.826	0.893	6.89
25)	T	2-Butanone	0.111	0.107	0.108	0.106	0.099	0.100	0.105	4.53
26)	T	2,2-Dichloropr...	0.841	0.830	0.763	0.743	0.770	0.748	0.782	5.42
27)	T	cis-1,2-Dichlo...	0.626	0.638	0.604	0.612	0.633	0.621	0.622	2.08
28)	T	Bromochloromet...	0.376	0.362	0.365	0.343	0.321	0.314	0.347	7.18
29)	T	Tetrahydrofuran	0.067	0.065	0.072	0.073	0.066	0.067	0.068	4.92
30)	C	Chloroform	1.084	1.046	0.974	0.956	0.958	0.925	0.990	6.17#
31)	T	Cyclohexane	0.836	0.857	0.738	0.708	0.730	0.711	0.763	8.59
32)	T	1,1,1-Trichlor...	0.972	0.944	0.896	0.853	0.865	0.846	0.896	5.78
33)	S	1,2-Dichloroet...	0.525	0.477	0.459	0.466	0.418	0.427	0.462	8.29
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.335	0.341	0.330	0.330	0.319	0.327	0.330	2.34
36)	T	1,1-Dichloropr...	0.455	0.470	0.424	0.425	0.450	0.437	0.444	4.10
37)	T	Ethyl Acetate	0.166	0.161	0.163	0.161	0.153	0.151	0.159	3.67
38)	T	Carbon Tetrach...	0.540	0.563	0.512	0.507	0.535	0.523	0.530	3.90
39)	T	Methylcyclohexane	0.525	0.569	0.519	0.549	0.600	0.589	0.558	5.95
40)	TM	Benzene	1.423	1.439	1.351	1.337	1.415	1.358	1.387	3.14
41)	T	Methacrylonitrile	0.076	0.086	0.104	0.092	0.082	0.084	0.087	11.20
42)	TM	1,2-Dichloroet...	0.347	0.367	0.350	0.335	0.336	0.325	0.343	4.27
43)	T	Isopropyl Acetate	0.301	0.293	0.314	0.312	0.309	0.308	0.306	2.52
44)	TM	Trichloroethene	0.402	0.405	0.369	0.367	0.387	0.375	0.384	4.28
45)	C	1,2-Dichloropr...	0.320	0.317	0.302	0.300	0.308	0.294	0.307	3.36#
46)	T	Dibromomethane	0.202	0.193	0.192	0.187	0.191	0.187	0.192	2.95
47)	T	Bromodichlorom...	0.479	0.504	0.464	0.470	0.490	0.471	0.480	3.08
48)	T	Methyl methacr...	0.120	0.130	0.147	0.150	0.150	0.151	0.141	9.21
49)	T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.90
50)	S	Toluene-d8	1.220	1.260	1.211	1.276	1.244	1.261	1.245	2.04
51)	T	4-Methyl-2-Pen...	0.144	0.149	0.167	0.172	0.166	0.165	0.160	6.94
52)	CM	Toluene	0.838	0.915	0.875	0.894	0.952	0.913	0.898	4.35#
53)	T	t-1,3-Dichloro...	0.383	0.408	0.399	0.417	0.437	0.425	0.411	4.70
54)	T	cis-1,3-Dichlo...	0.466	0.488	0.483	0.484	0.514	0.500	0.489	3.32
55)	T	1,1,2-Trichlor...	0.250	0.261	0.261	0.256	0.258	0.252	0.256	1.82
56)	T	Ethyl methacry...	0.234	0.259	0.290	0.316	0.332	0.329	0.293	13.69

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
Method File : 82Y042225S.M

57)	T	1,3-Dichloropr...	0.413	0.420	0.405	0.409	0.417	0.404	0.411	1.58
58)	T	2-Chloroethyl ...	0.118	0.121	0.146	0.161	0.154	0.161	0.143	13.40
59)	T	2-Hexanone	0.093	0.096	0.109	0.115	0.111	0.111	0.106	8.46
60)	T	Dibromochlorom...	0.345	0.355	0.354	0.352	0.367	0.357	0.355	1.96
61)	T	1,2-Dibromoethane	0.238	0.243	0.243	0.241	0.247	0.240	0.242	1.27
62)	S	4-Bromofluorob...	0.408	0.429	0.401	0.426	0.423	0.428	0.419	2.77
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.500	0.516	0.462	0.455	0.466	0.430	0.472	6.64
65)	PM	Chlorobenzene	1.188	1.152	1.055	1.083	1.139	1.092	1.118	4.46
66)	T	1,1,1,2-Tetrac...	0.401	0.409	0.376	0.386	0.401	0.388	0.394	3.12
67)	C	Ethyl Benzene	1.693	1.840	1.718	1.835	1.990	1.898	1.829	6.06#
68)	T	m/p-Xylenes	0.664	0.720	0.699	0.734	0.797	0.754	0.728	6.28
69)	T	o-Xylene	0.599	0.639	0.635	0.689	0.747	0.716	0.671	8.32
70)	T	Styrene	0.950	1.080	1.078	1.169	1.272	1.209	1.126	10.16
71)	P	Bromoform	0.234	0.221	0.224	0.229	0.236	0.229	0.229	2.48
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.061	3.316	3.102	3.325	3.639	3.599	3.341	7.24
74)	T	N-amyl acetate	0.528	0.530	0.553	0.591	0.615	0.626	0.574	7.48
75)	P	1,1,2,2-Tetrac...	0.601	0.562	0.555	0.548	0.555	0.558	0.563	3.42
76)	T	1,2,3-Trichlor...	0.498	0.445	0.418	0.405	0.408	0.397	0.428	8.83
77)	T	Bromobenzene	0.855	0.831	0.780	0.828	0.890	0.881	0.844	4.76
78)	T	n-propylbenzene	3.708	3.996	3.778	3.977	4.258	4.152	3.978	5.30
79)	T	2-Chlorotoluene	2.253	2.343	2.179	2.280	2.435	2.391	2.314	4.07
80)	T	1,3,5-Trimethy...	2.467	2.757	2.614	2.800	2.978	2.898	2.752	6.80
81)	T	trans-1,4-Dich...	0.185	0.174	0.170	0.177	0.181	0.181	0.178	2.93
82)	T	4-Chlorotoluene	2.313	2.501	2.270	2.380	2.521	2.445	2.405	4.23
83)	T	tert-Butylbenzene	2.246	2.382	2.263	2.494	2.725	2.701	2.468	8.48
84)	T	1,2,4-Trimethy...	2.415	2.717	2.631	2.784	3.027	2.945	2.753	8.01
85)	T	sec-Butylbenzene	3.254	3.724	3.409	3.602	3.898	3.786	3.612	6.72
86)	T	p-Isopropyltol...	2.717	3.016	2.869	3.094	3.386	3.321	3.067	8.39
87)	T	1,3-Dichlorobe...	1.730	1.784	1.595	1.647	1.789	1.742	1.714	4.53
88)	T	1,4-Dichlorobe...	1.821	1.726	1.605	1.620	1.733	1.682	1.698	4.73
89)	T	n-Butylbenzene	2.477	2.790	2.545	2.742	2.976	2.919	2.742	7.24
90)	T	Hexachloroethane	0.715	0.710	0.614	0.638	0.689	0.677	0.674	6.01
91)	T	1,2-Dichlorobe...	1.523	1.522	1.434	1.452	1.537	1.505	1.495	2.84
92)	T	1,2-Dibromo-3-...	0.097	0.091	0.094	0.084	0.085	0.087	0.090	5.90
93)	T	1,2,4-Trichlor...	0.747	0.800	0.785	0.823	0.970	0.959	0.847	11.11
94)	T	Hexachlorobuta...	0.522	0.545	0.483	0.480	0.555	0.544	0.521	6.28
95)	T	Naphthalene	1.186	1.113	1.284	1.436	1.690	1.738	1.408	18.56
96)	T	1,2,3-Trichlor...	0.671	0.673	0.684	0.707	0.829	0.825	0.731	10.25

(#) = Out of Range

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021953.D
Acq On : 22 Apr 2025 13:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:07:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	280613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	462995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	410723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	205526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	14719	5.679	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 11.360%#			
35) Dibromofluoromethane	7.634	113	15517	5.073	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 10.140%#			
50) Toluene-d8	10.109	98	56501	4.900	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 9.800%#			
62) 4-Bromofluorobenzene	12.407	95	18902	4.869	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 9.740%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	13157	5.503	ug/l	93
3) Chloromethane	2.068	50	19759	5.803	ug/l	92
4) Vinyl Chloride	2.202	62	23262	5.560	ug/l	98
5) Bromomethane	2.598	94	21956	6.091	ug/l	99
6) Chloroethane	2.732	64	16527	5.800	ug/l	90
7) Trichlorofluoromethane	3.055	101	29399	5.329	ug/l	93
8) Diethyl Ether	3.452	74	7949	5.536	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.818	101	16959	5.667	ug/l	97
10) Methyl Iodide	4.000	142	16072	4.638	ug/l	97
11) Tert butyl alcohol	4.866	59	3727m	26.192	ug/l	
12) 1,1-Dichloroethene	3.793	96	14742	5.285	ug/l	97
13) Acrolein	3.659	56	7419	29.049	ug/l	97
14) Allyl chloride	4.372	41	17385	5.352	ug/l	98
15) Acrylonitrile	5.055	53	14464	27.514	ug/l	97
16) Acetone	3.872	43	12844	18.039	ug/l #	83
17) Carbon Disulfide	4.104	76	48701	5.475	ug/l	98
18) Methyl Acetate	4.391	43	5994	4.951	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	30819	4.936	ug/l	98
20) Methylene Chloride	4.610	84	21309	6.502	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	17357	5.556	ug/l	92
22) Diisopropyl ether	6.012	45	35963	4.975	ug/l	91
23) Vinyl Acetate	5.963	43	92152	23.655	ug/l	95
24) 1,1-Dichloroethane	5.915	63	27705	5.529	ug/l	98
25) 2-Butanone	6.896	43	15627	26.449	ug/l #	87
26) 2,2-Dichloropropane	6.890	77	23594	5.373	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	17569	5.029	ug/l	96
28) Bromochloromethane	7.244	49	10541	5.416	ug/l	98
29) Tetrahydrofuran	7.262	42	9424	24.559	ug/l	97
30) Chloroform	7.421	83	30418	5.473	ug/l	97
31) Cyclohexane	7.707	56	23446	5.472	ug/l #	77
32) 1,1,1-Trichloroethane	7.622	97	27271	5.424	ug/l	96
36) 1,1-Dichloropropene	7.829	75	21076	5.130	ug/l	96
37) Ethyl Acetate	6.982	43	7691m	5.283	ug/l	
38) Carbon Tetrachloride	7.811	117	25016	5.095	ug/l	97
39) Methylcyclohexane	9.109	83	24303	4.700	ug/l	97
40) Benzene	8.079	78	65878	5.129	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021953.D
Acq On : 22 Apr 2025 13:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 02:07:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.232	41	3506m	4.345 ug/l		
42) 1,2-Dichloroethane	8.158	62	16046	5.046 ug/l		96
43) Isopropyl Acetate	8.195	43	13940	4.919 ug/l	#	86
44) Trichloroethene	8.865	130	18611	5.231 ug/l		96
45) 1,2-Dichloropropane	9.146	63	14827	5.220 ug/l		99
46) Dibromomethane	9.231	93	9367	5.268 ug/l		96
47) Bromodichloromethane	9.420	83	22170	4.991 ug/l	#	96
48) Methyl methacrylate	9.225	41	5570	4.252 ug/l		94
49) 1,4-Dioxane	9.231	88	1703	89.863 ug/l	#	90
51) 4-Methyl-2-Pentanone	9.999	43	33298	22.414 ug/l		98
52) Toluene	10.170	92	38784	4.665 ug/l		97
53) t-1,3-Dichloropropene	10.396	75	17712	4.649 ug/l	#	87
54) cis-1,3-Dichloropropene	9.853	75	21582	4.765 ug/l		92
55) 1,1,2-Trichloroethane	10.572	97	11582	4.877 ug/l		94
56) Ethyl methacrylate	10.444	69	10816	3.982 ug/l		96
57) 1,3-Dichloropropane	10.719	76	19113	5.020 ug/l		98
58) 2-Chloroethyl Vinyl ether	9.713	63	27363	20.606 ug/l		100
59) 2-Hexanone	10.761	43	21558	22.001 ug/l		92
60) Dibromochloromethane	10.914	129	15992	4.863 ug/l		97
61) 1,2-Dibromoethane	11.017	107	11020	4.915 ug/l		98
64) Tetrachloroethene	10.646	164	20545	5.302 ug/l		91
65) Chlorobenzene	11.444	112	48805	5.314 ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.517	131	16483	5.097 ug/l		98
67) Ethyl Benzene	11.517	91	69548	4.629 ug/l		97
68) m/p-Xylenes	11.627	106	54518	9.119 ug/l		100
69) o-Xylene	11.956	106	24611	4.466 ug/l		98
70) Styrene	11.969	104	39016	4.217 ug/l		97
71) Bromoform	12.133	173	9608	5.111 ug/l	#	98
73) Isopropylbenzene	12.255	105	62917	4.582 ug/l		97
74) N-amyl acetate	12.072	43	10843	4.596 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	12362	5.340 ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	10228m	5.648 ug/l		
77) Bromobenzene	12.535	156	17570	5.064 ug/l		100
78) n-propylbenzene	12.596	91	76210	4.660 ug/l		100
79) 2-Chlorotoluene	12.682	91	46298	4.868 ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	50699	4.481 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	3795	5.191 ug/l		98
82) 4-Chlorotoluene	12.779	91	47541	4.809 ug/l		98
83) tert-Butylbenzene	12.999	119	46171	4.550 ug/l		99
84) 1,2,4-Trimethylbenzene	13.048	105	49642	4.387 ug/l		99
85) sec-Butylbenzene	13.176	105	66872	4.504 ug/l		99
86) p-Isopropyltoluene	13.291	119	55850	4.430 ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	35553	5.045 ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	37426	5.362 ug/l		95
89) n-Butylbenzene	13.621	91	50918	4.518 ug/l		99
90) Hexachloroethane	13.883	117	14703	5.308 ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	31298	5.092 ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2000	5.430 ug/l		86
93) 1,2,4-Trichlorobenzene	14.919	180	15346	4.406 ug/l		94
94) Hexachlorobutadiene	15.023	225	10723	5.004 ug/l		98
95) Naphthalene	15.145	128	24368	4.212 ug/l		97
96) 1,2,3-Trichlorobenzene	15.328	180	13785	4.585 ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021953.D
Acq On : 22 Apr 2025 13:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:07:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

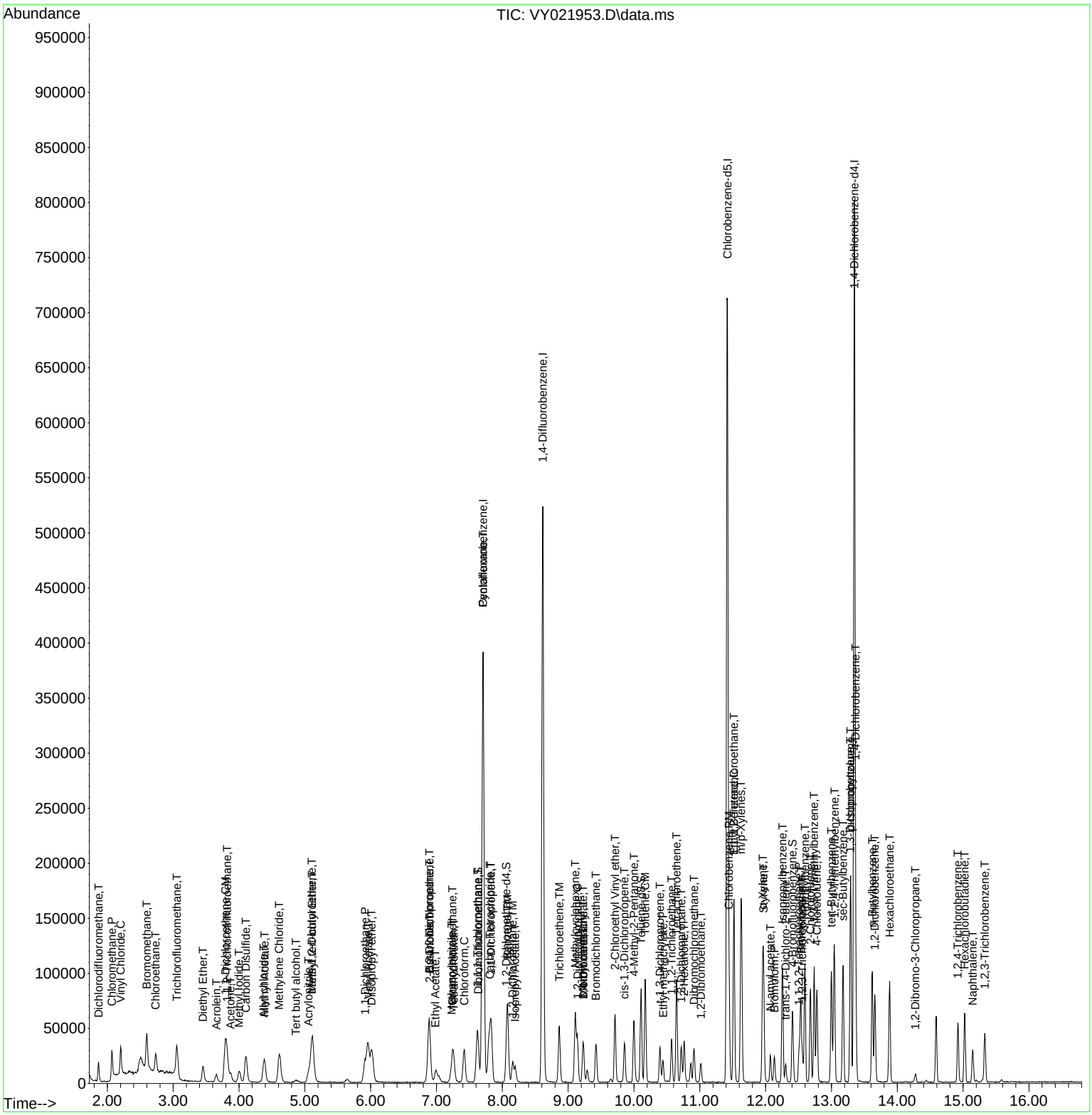
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021953.D
Acq On : 22 Apr 2025 13:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

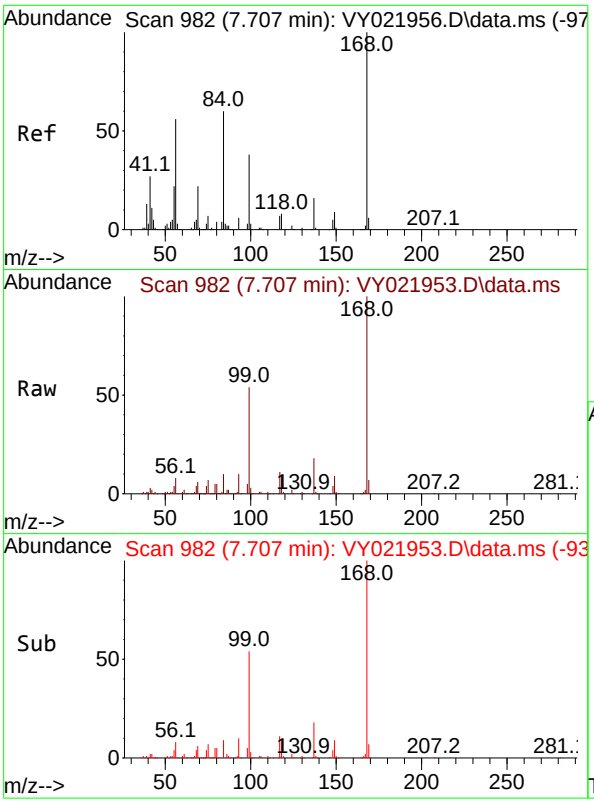
Quant Time: Apr 23 02:07:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

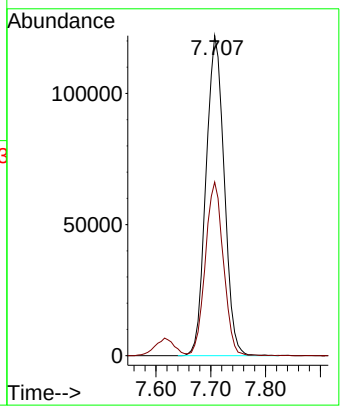
Tgt Ion:168 Resp: 28061

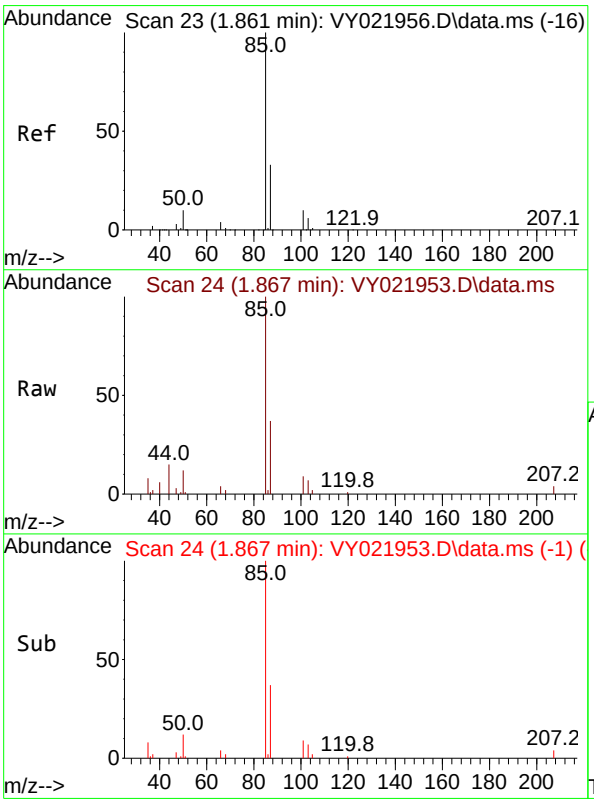
Ion	Ratio	Lower	Upper
168	100		
99	54.2	43.1	64.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

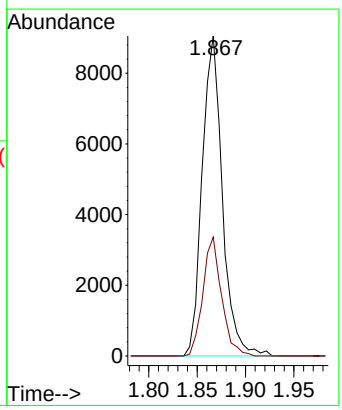


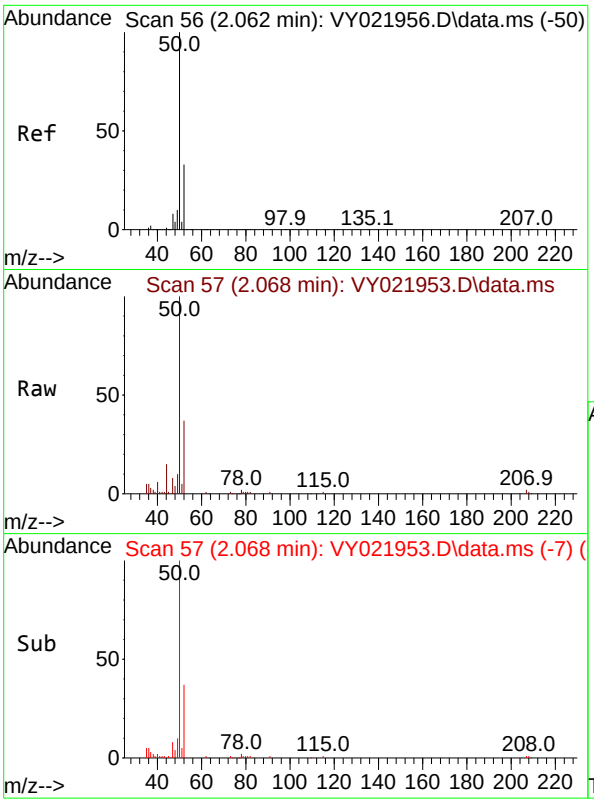


#2
Dichlorodifluoromethane
Concen: 5.503 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 85 Resp: 13157

Ion	Ratio	Lower	Upper
85	100		
87	37.1	16.6	49.7

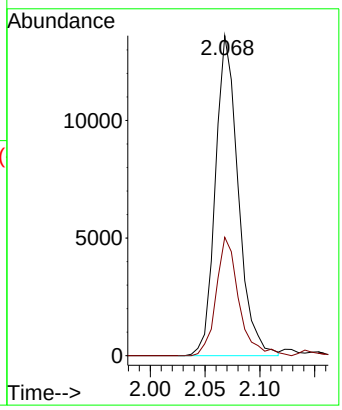




#3
Chloromethane
Concen: 5.803 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 50 Resp: 1975

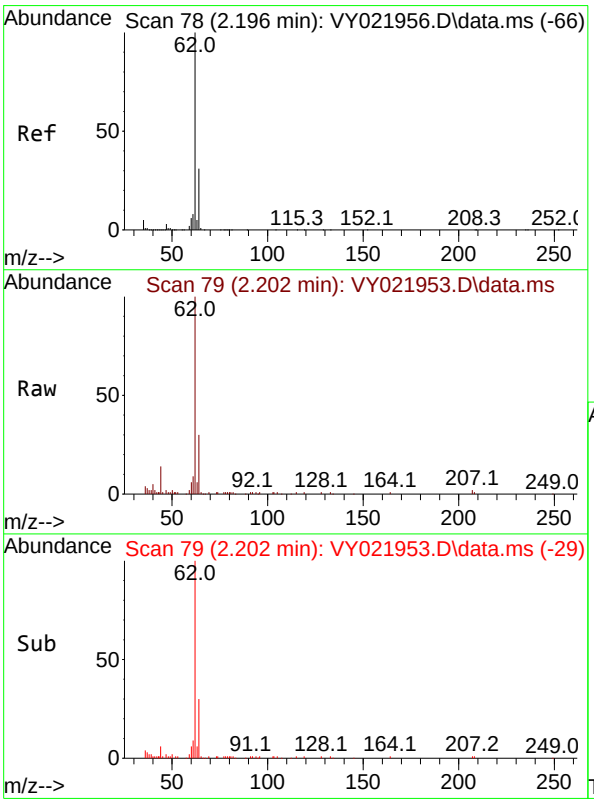
Ion	Ratio	Lower	Upper
50	100		
52	37.0	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

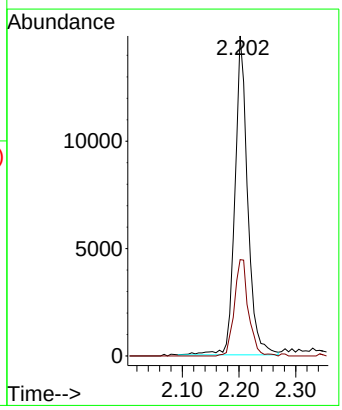
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

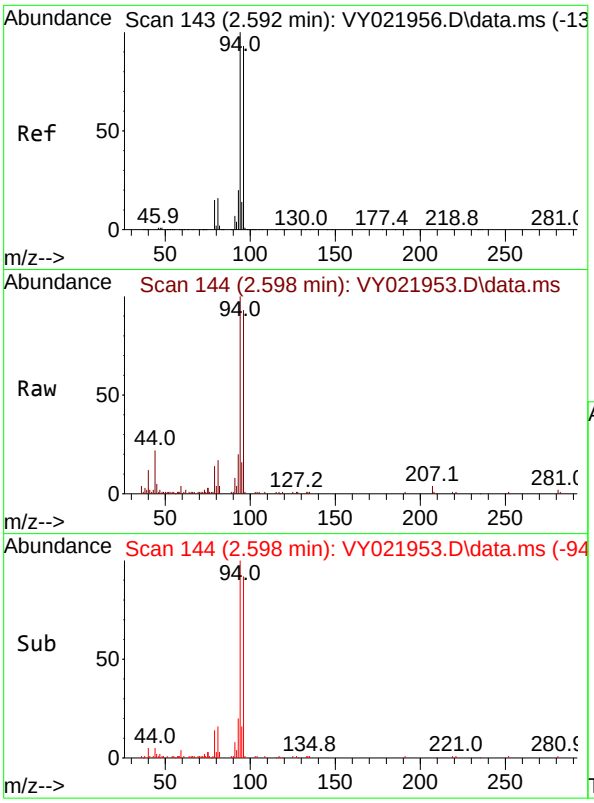


#4
Vinyl Chloride
Concen: 5.560 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 62 Resp: 23262

Ion	Ratio	Lower	Upper
62	100		
64	30.2	25.1	37.7

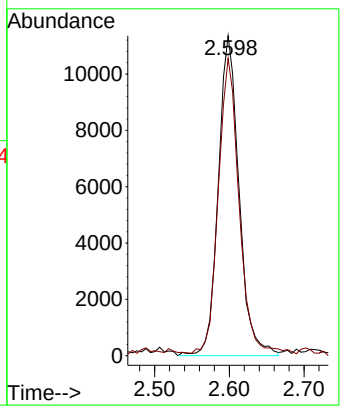




#5
Bromomethane
Concen: 6.091 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 94 Resp: 2195(

Ion	Ratio	Lower	Upper
94	100		
96	91.9	74.6	111.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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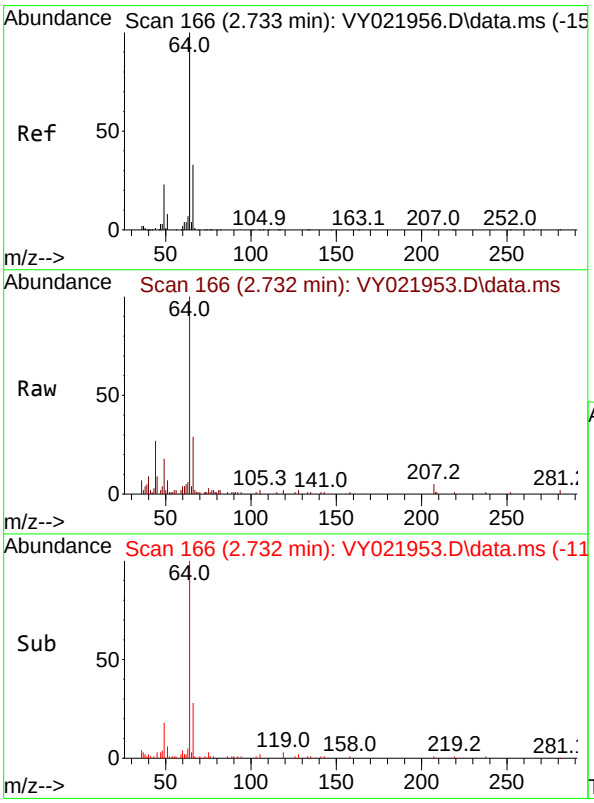
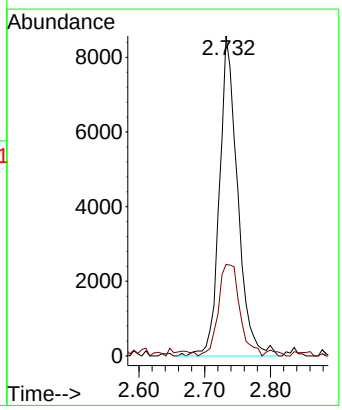
Supervised By :Mahesh Dadoda 04/23/2025

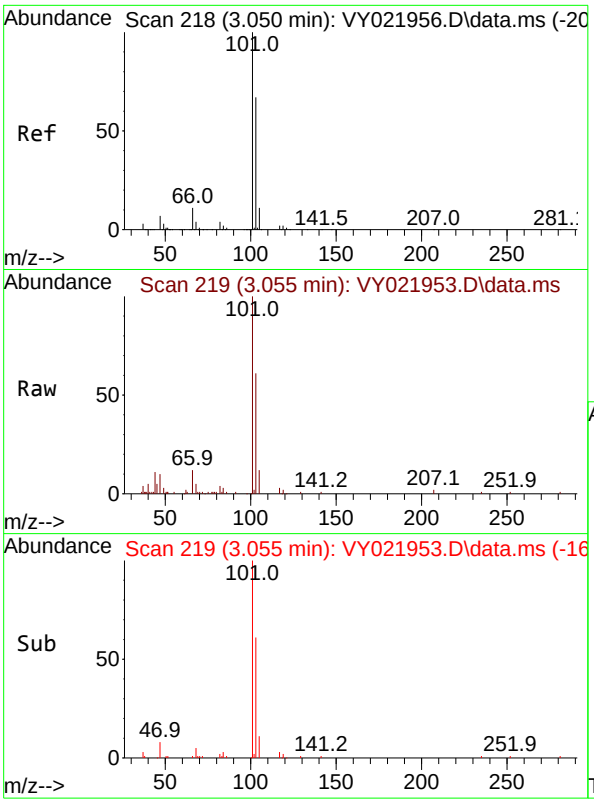


#6
Chloroethane
Concen: 5.800 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 64 Resp: 16527

Ion	Ratio	Lower	Upper
64	100		
66	27.3	26.2	39.4

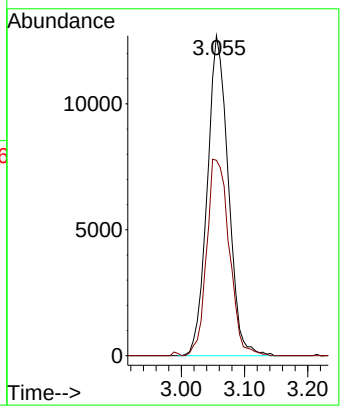




#7
Trichlorofluoromethane
Concen: 5.329 ug/l
RT: 3.055 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:101 Resp: 2939

Ion	Ratio	Lower	Upper
101	100		
103	61.1	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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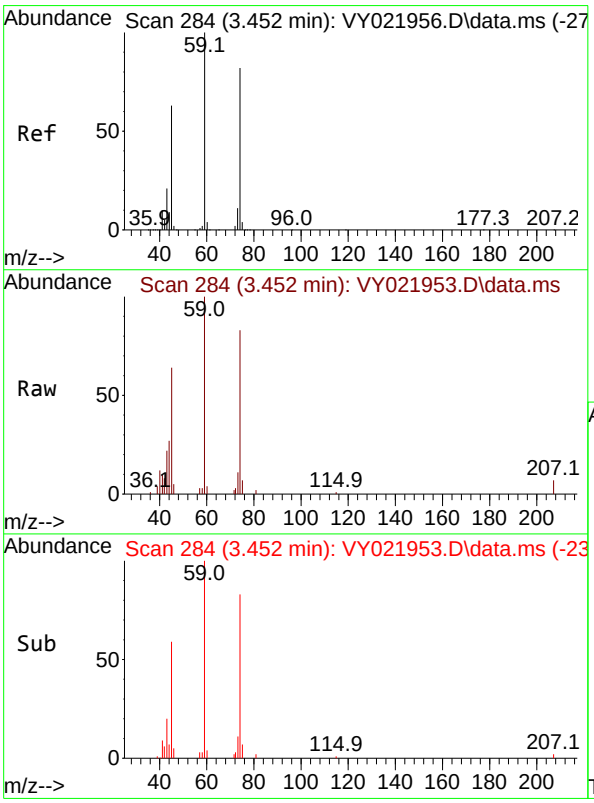
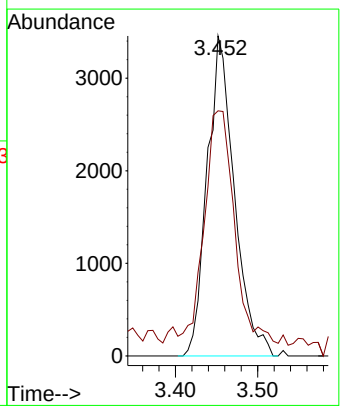
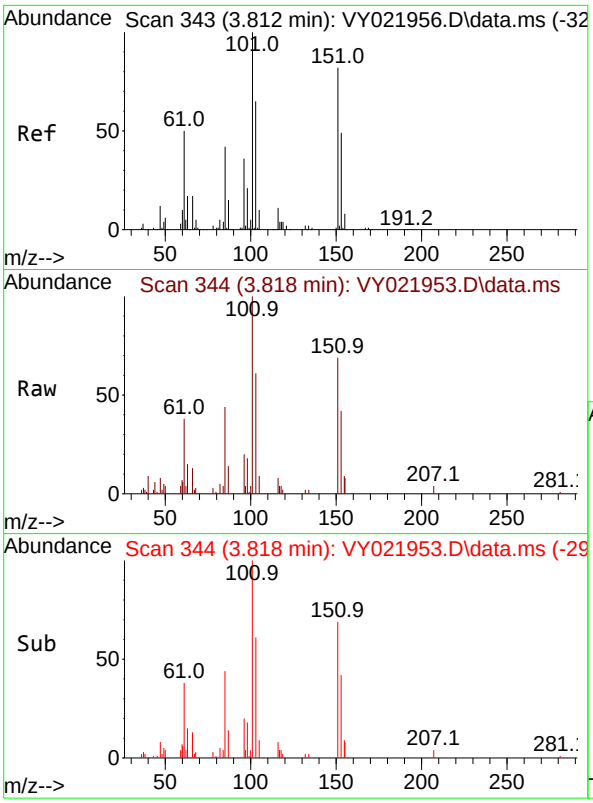


#8
Diethyl Ether
Concen: 5.536 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 74 Resp: 7949

Ion	Ratio	Lower	Upper
74	100		
45	83.9	39.1	117.5

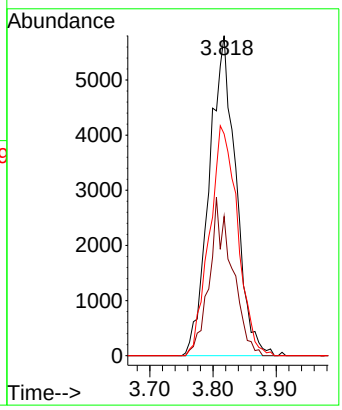




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.667 ug/l
RT: 3.818 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:101 Resp: 1695

Ion	Ratio	Lower	Upper
101	100		
85	42.3	34.6	51.8
151	75.9	63.7	95.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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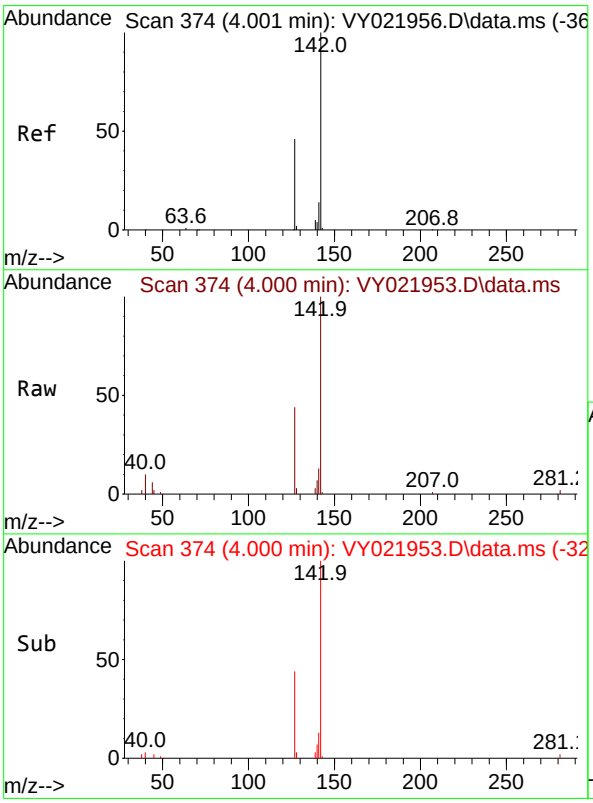
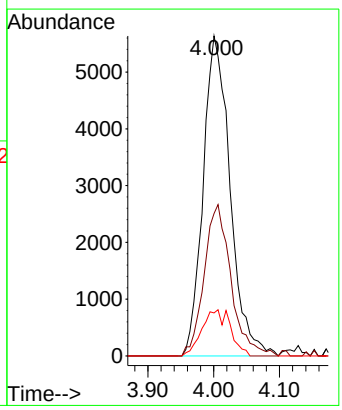
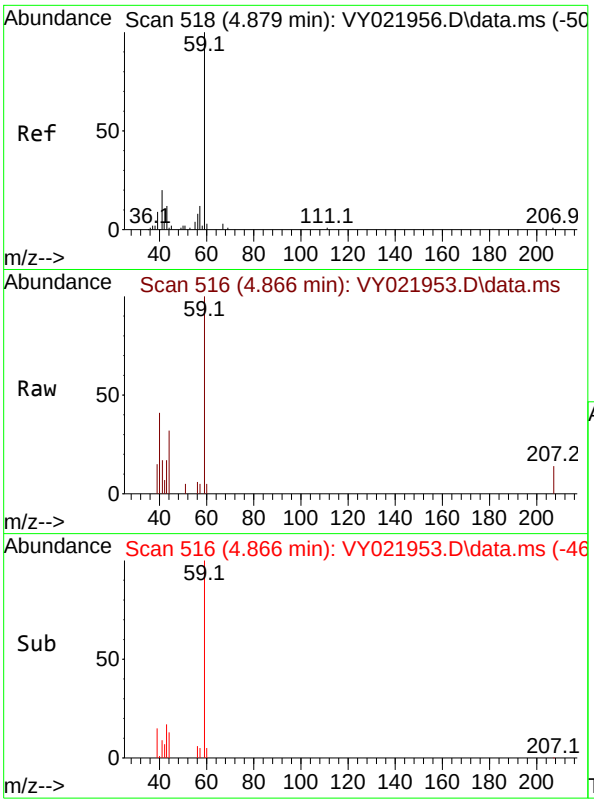


#10
Methyl Iodide
Concen: 4.638 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:142 Resp: 16072

Ion	Ratio	Lower	Upper
142	100		
127	47.1	36.2	54.2
141	15.3	11.7	17.5

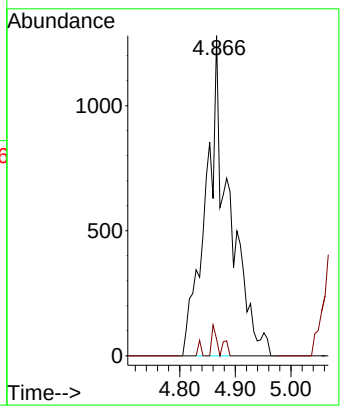




#11
Tert butyl alcohol
Concen: 26.192 ug/l m
RT: 4.866 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 59 Resp: 372

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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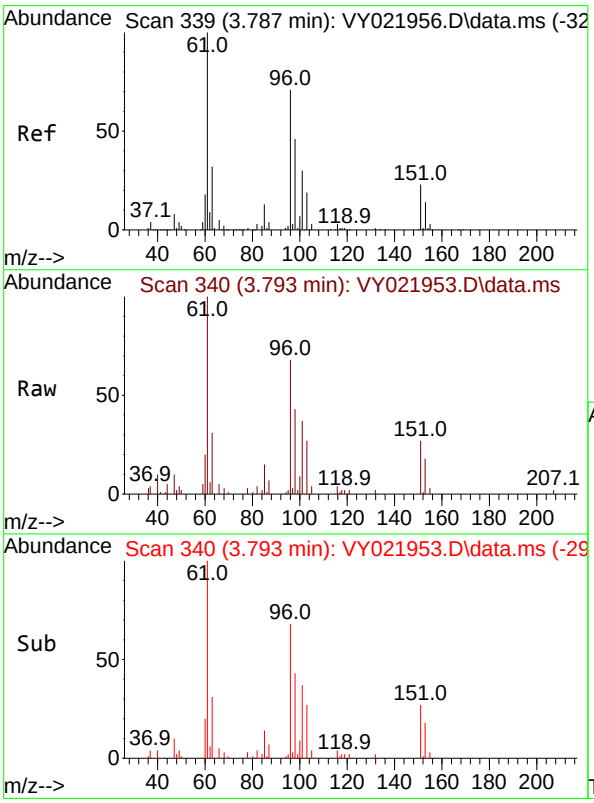
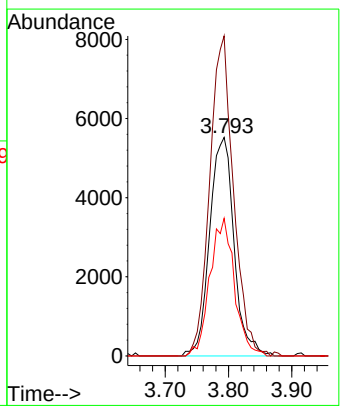
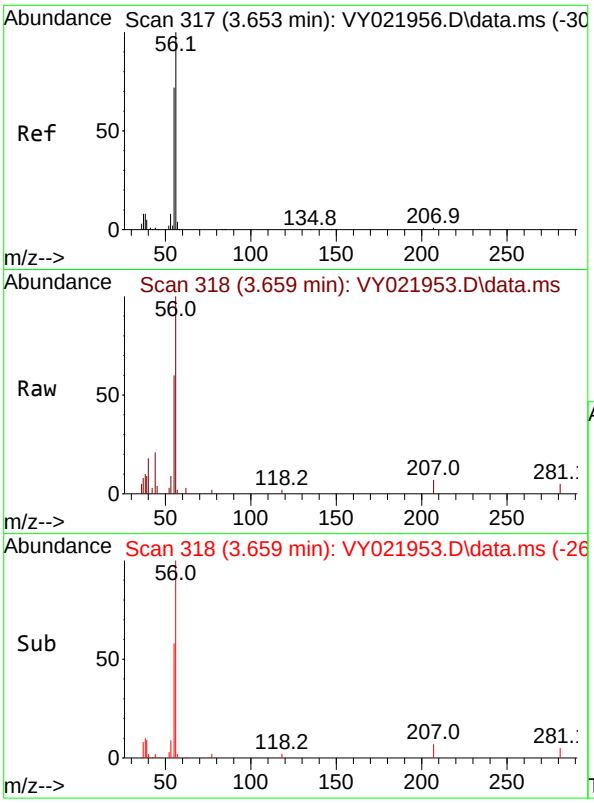


#12
1,1-Dichloroethene
Concen: 5.285 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 96 Resp: 14742

Ion	Ratio	Lower	Upper
96	100		
61	146.4	113.0	169.4
98	63.0	51.4	77.2

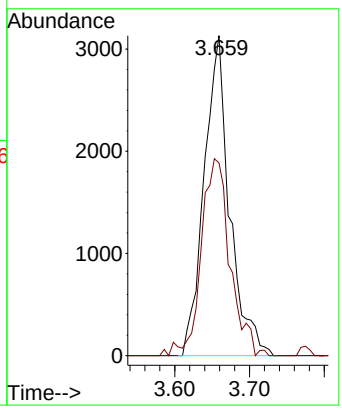




#13
Acrolein
Concen: 29.049 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 56 Resp: 741

Ion	Ratio	Lower	Upper
56	100		
55	69.4	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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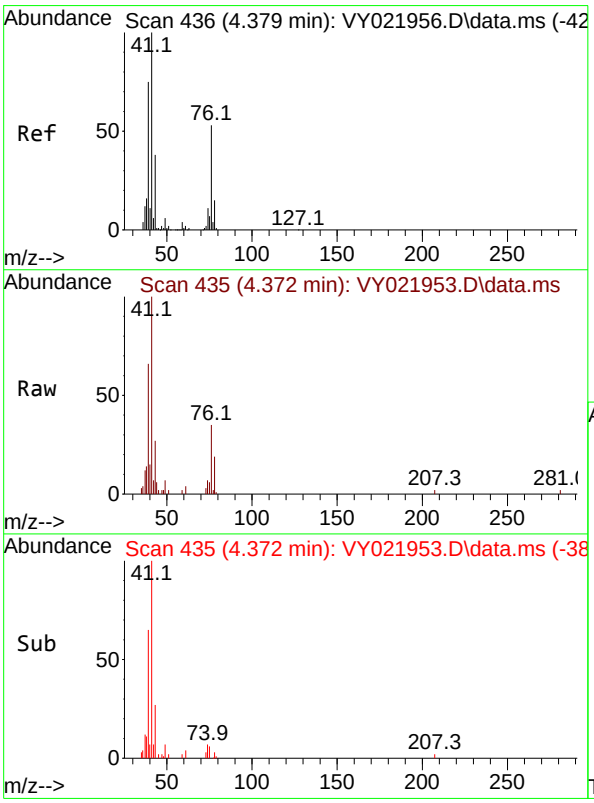
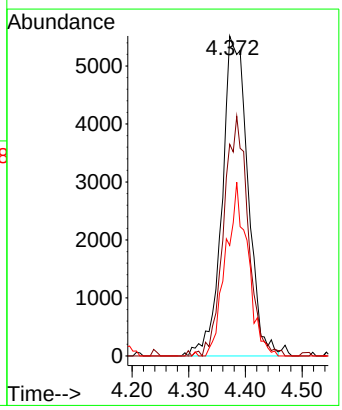
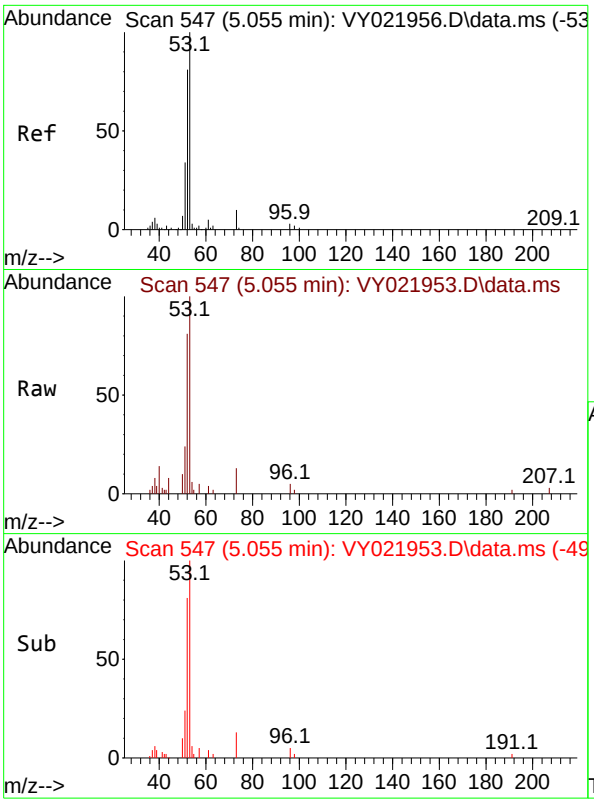


#14
Allyl chloride
Concen: 5.352 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 41 Resp: 17385

Ion	Ratio	Lower	Upper
41	100		
39	71.1	57.2	85.8
76	46.9	39.7	59.5





#15
Acrylonitrile
Concen: 27.514 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 53 Resp: 1446

Ion	Ratio	Lower	Upper
53	100		
52	77.8	65.0	97.6
51	36.6	28.9	43.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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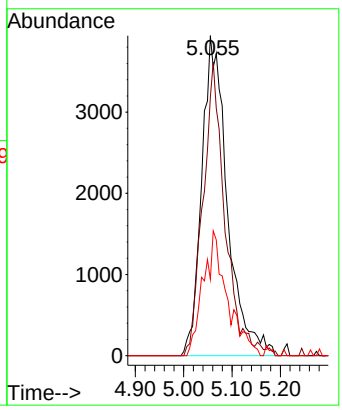
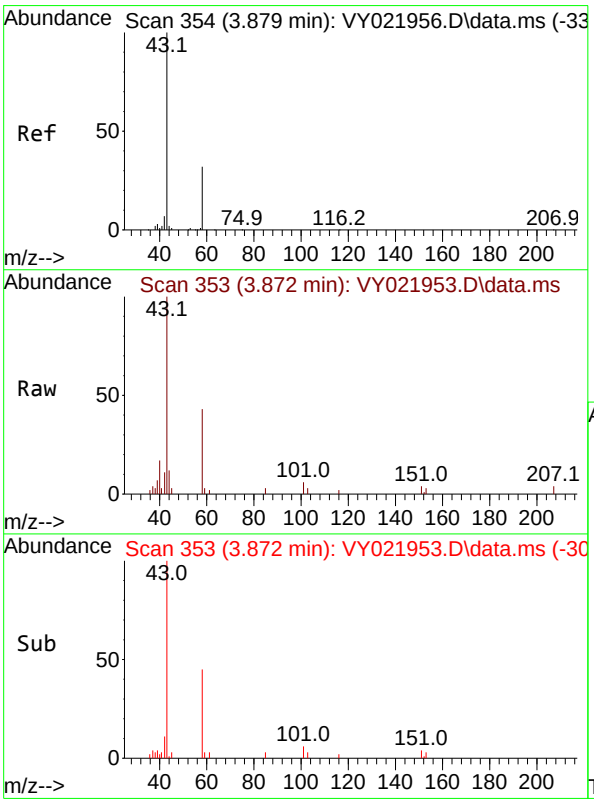
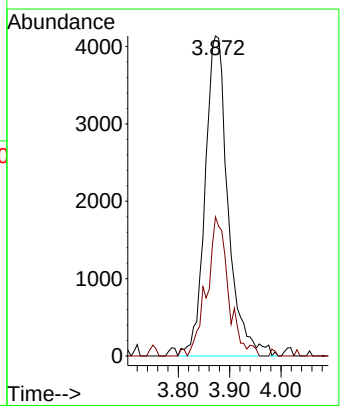


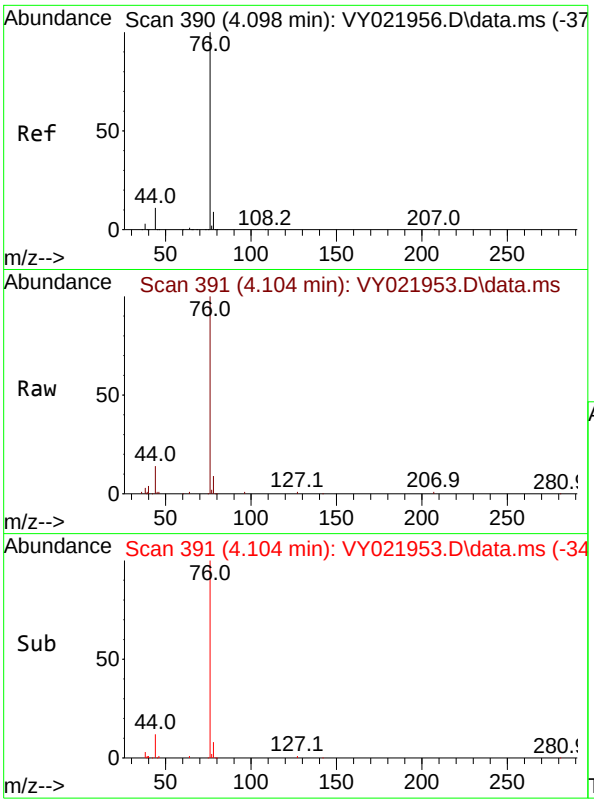


#16
Acetone
Concen: 18.039 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 12844

Ion	Ratio	Lower	Upper
43	100		
58	43.5	27.0	40.4#





#17
Carbon Disulfide
Concen: 5.475 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 76 Resp: 4870

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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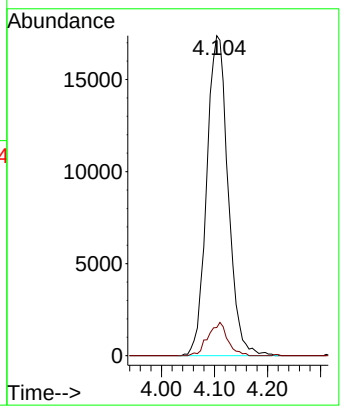
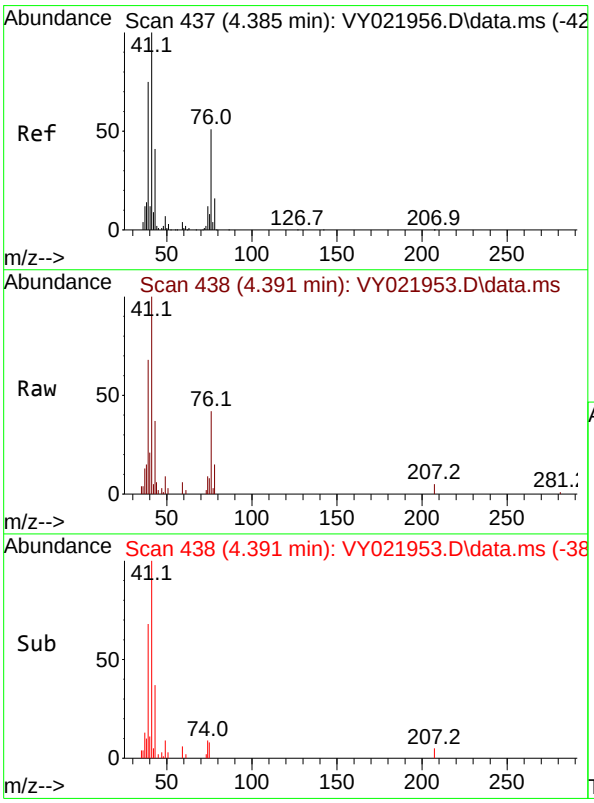
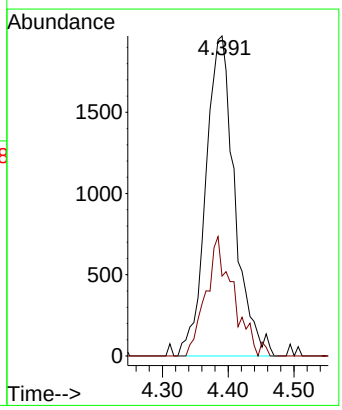


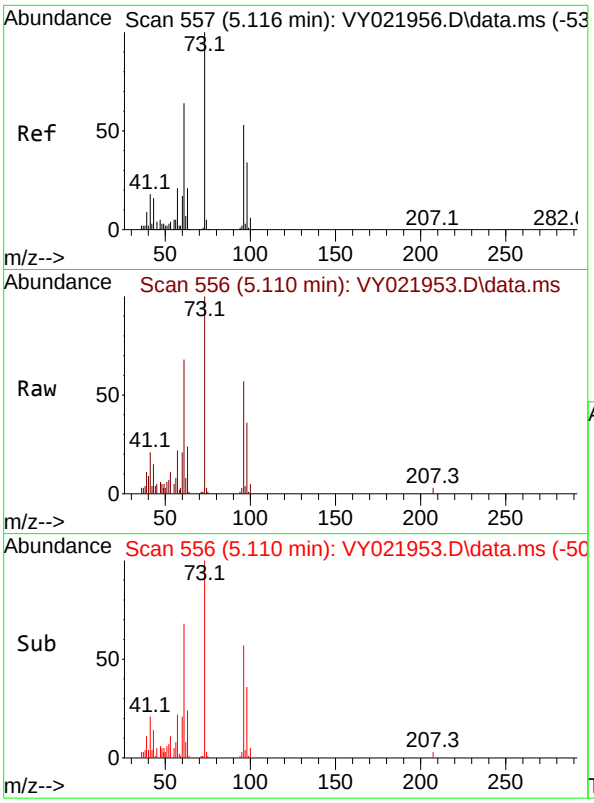


#18
Methyl Acetate
Concen: 4.951 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 5994

Ion	Ratio	Lower	Upper
43	100		
74	34.8	24.2	36.4

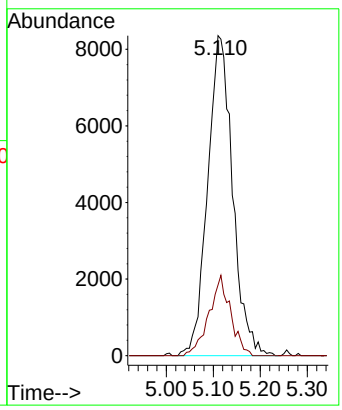




#19
Methyl tert-butyl Ether
Concen: 4.936 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 73 Resp: 3081

Ion	Ratio	Lower	Upper
73	100		
57	22.1	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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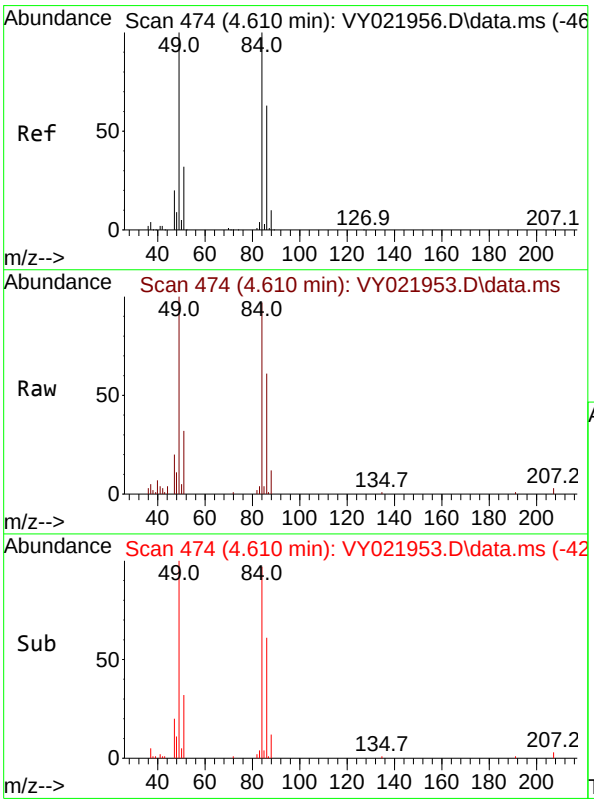
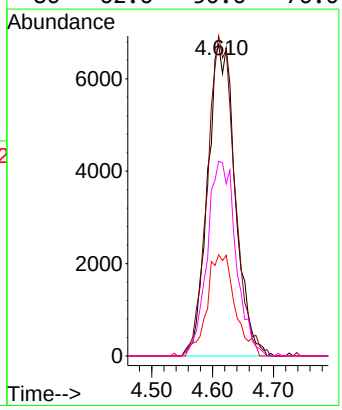
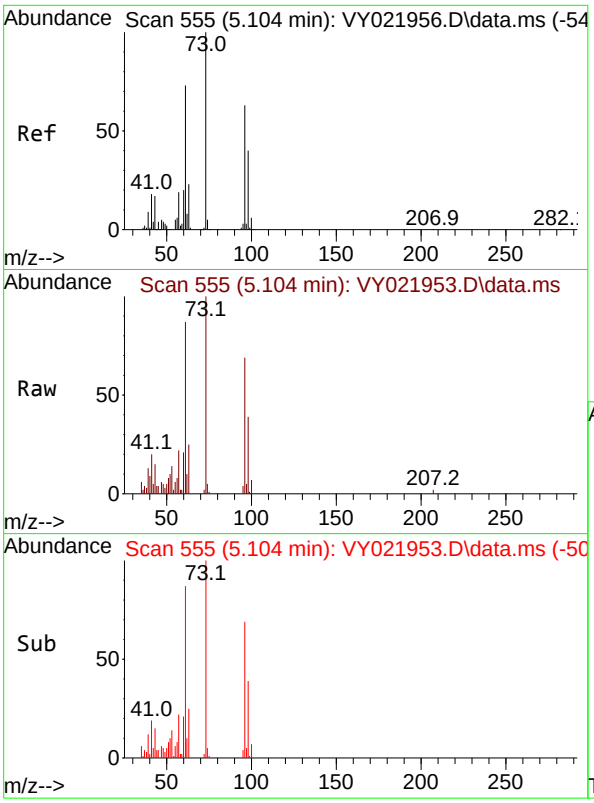


#20
Methylene Chloride
Concen: 6.502 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 84 Resp: 21309

Ion	Ratio	Lower	Upper
84	100		
49	102.8	79.9	119.9
51	32.5	25.4	38.0
86	62.6	50.6	76.0

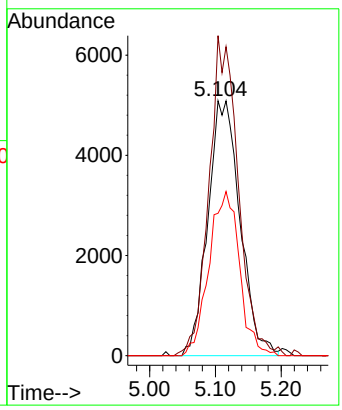




#21
trans-1,2-Dichloroethene
Concen: 5.556 ug/l
RT: 5.104 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 96 Resp: 1735

Ion	Ratio	Lower	Upper
96	100		
61	124.5	92.6	138.8
98	55.8	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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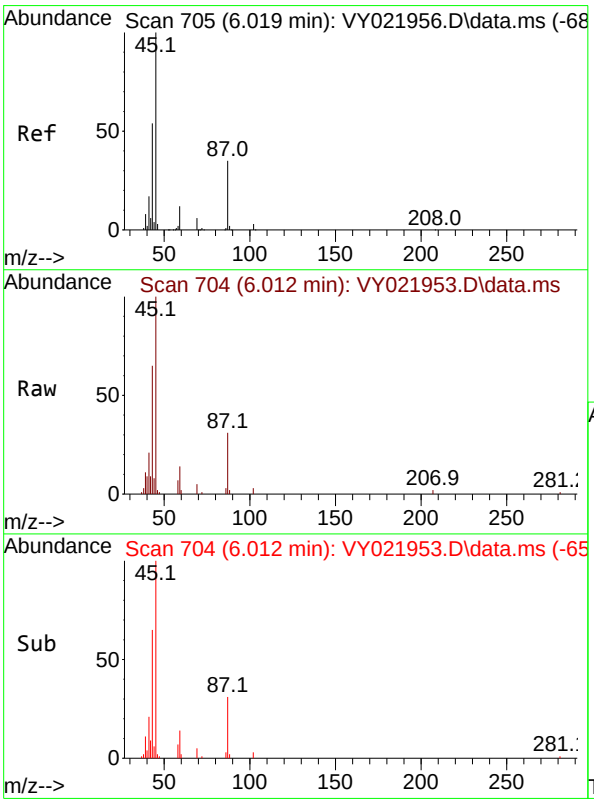
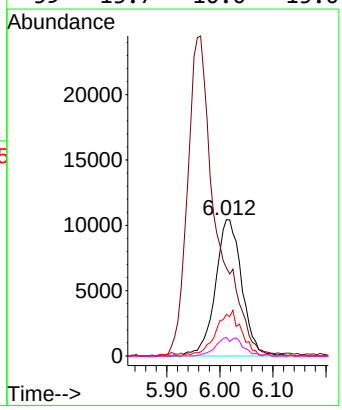
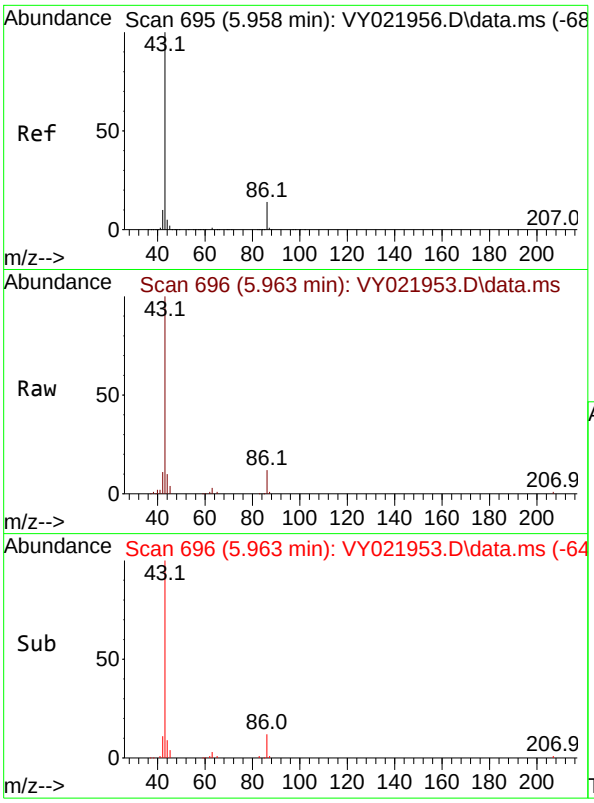


#22
Diisopropyl ether
Concen: 4.975 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 45 Resp: 35963

Ion	Ratio	Lower	Upper
45	100		
43	62.5	43.6	65.4
87	30.5	28.2	42.4
59	13.7	10.0	15.0





#23
Vinyl Acetate
Concen: 23.655 ug/l
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 9215

Ion	Ratio	Lower	Upper
43	100		
86	11.9	11.1	16.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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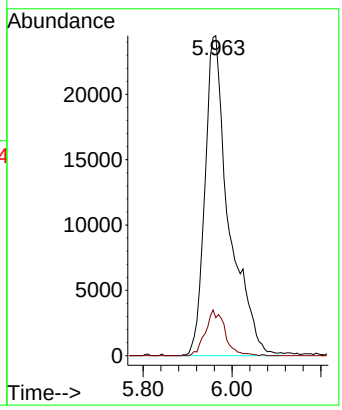
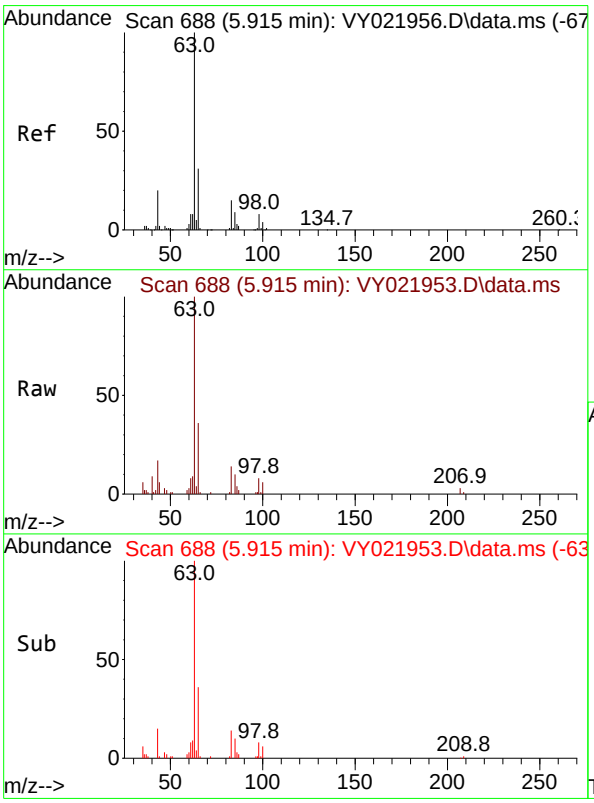
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

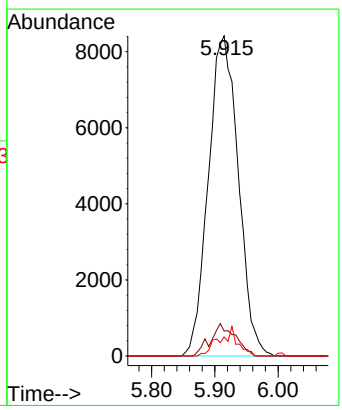


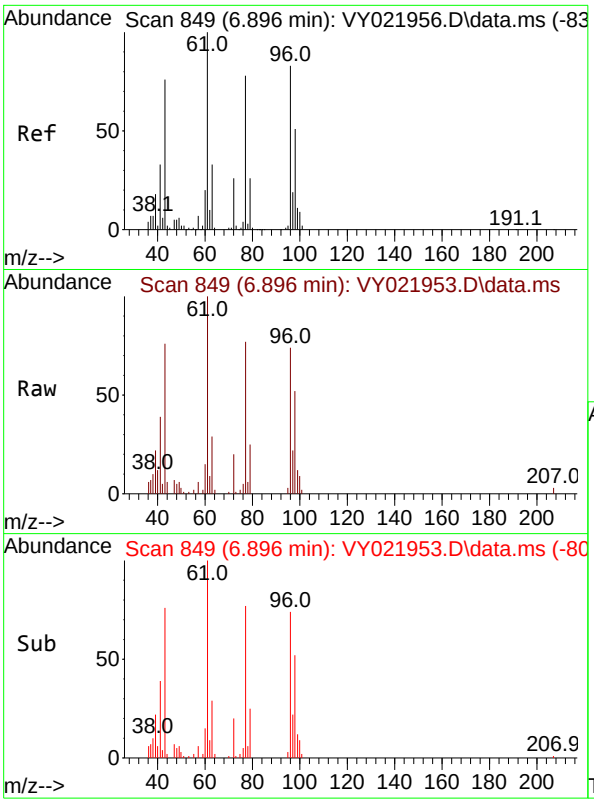


#24
1,1-Dichloroethane
Concen: 5.529 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 63 Resp: 27705

Ion	Ratio	Lower	Upper
63	100		
98	7.8	4.0	11.9
100	5.9	2.0	6.0





#25
2-Butanone
Concen: 26.449 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 1562

Ion	Ratio	Lower	Upper
43	100		
72	26.2	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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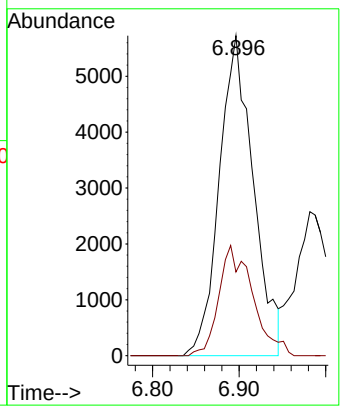
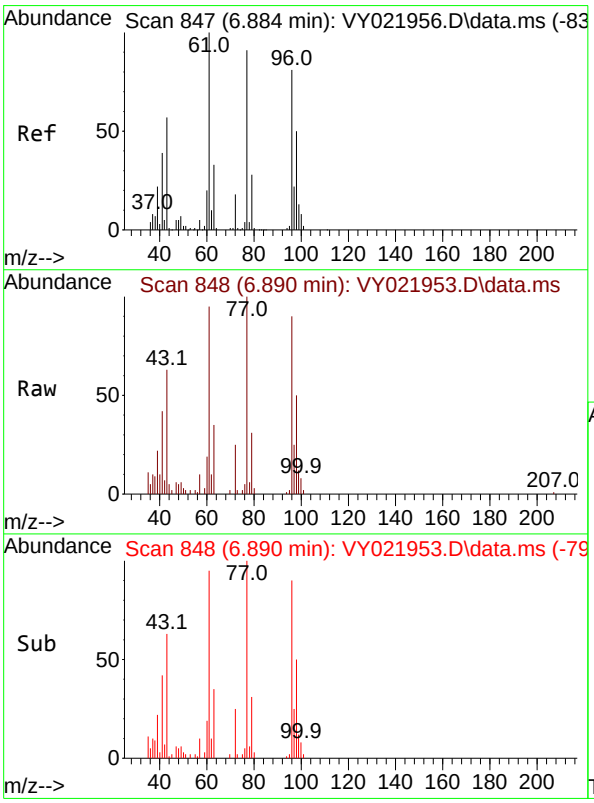
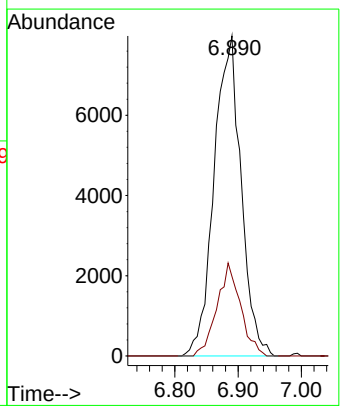


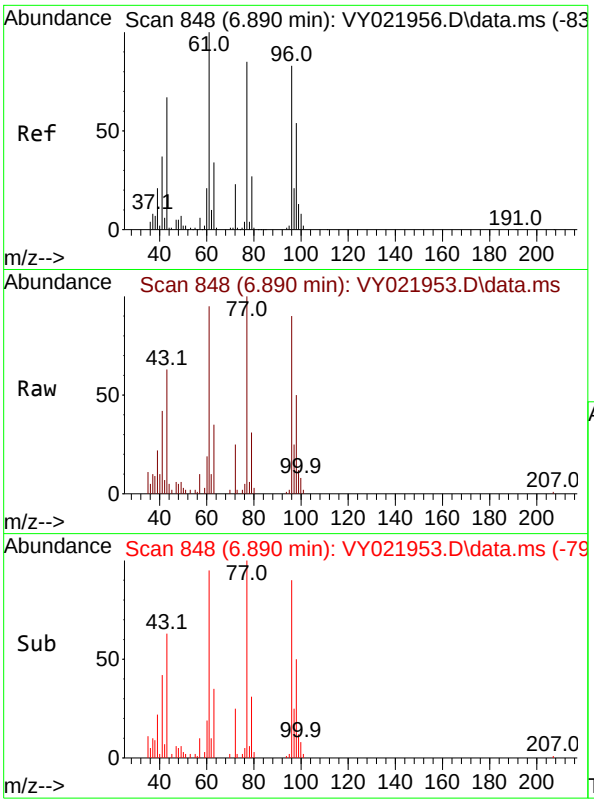


#26
2,2-Dichloropropane
Concen: 5.373 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 77 Resp: 23594

Ion	Ratio	Lower	Upper
77	100		
97	25.3	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 5.029 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 96 Resp: 1756

Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	251.4
98	65.6	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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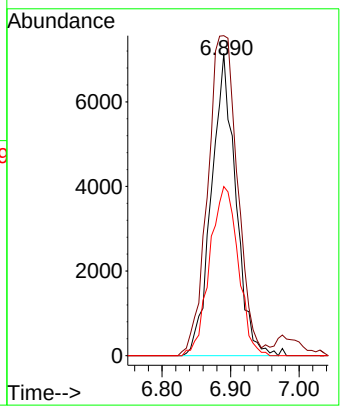
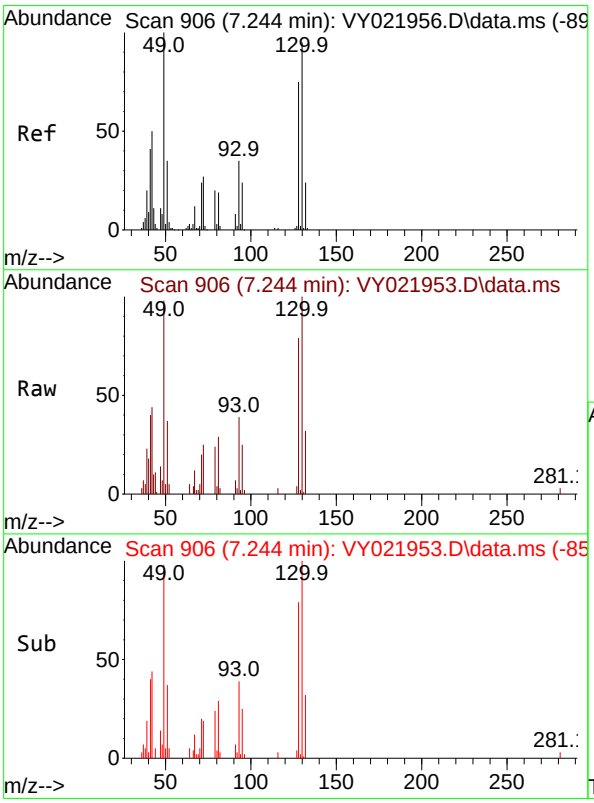
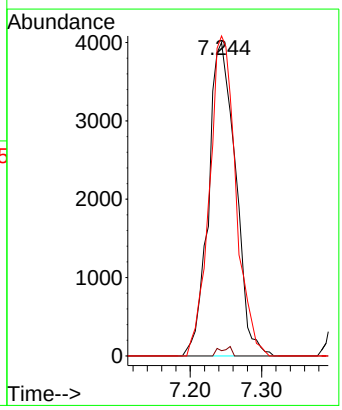


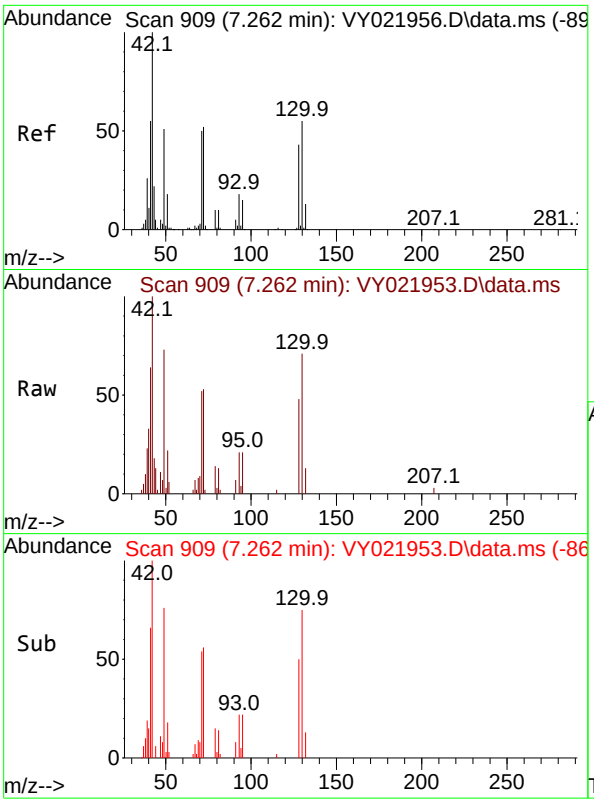


#28
Bromochloromethane
Concen: 5.416 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 49 Resp: 10541

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.0
130	99.5	78.2	117.4

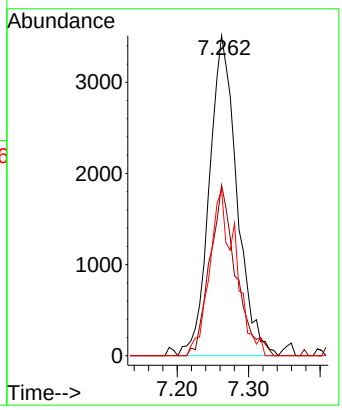




#29
Tetrahydrofuran
Concen: 24.559 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 42 Resp: 942

Ion	Ratio	Lower	Upper
42	100		
72	50.4	42.6	63.8
71	49.4	40.6	61.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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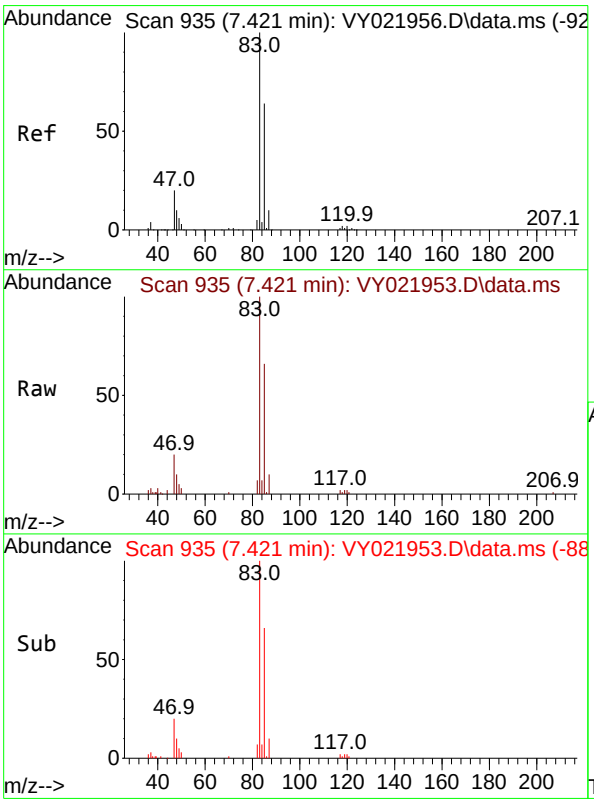
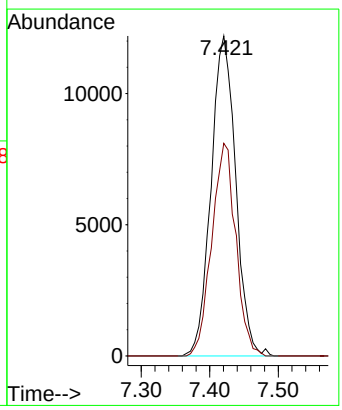
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

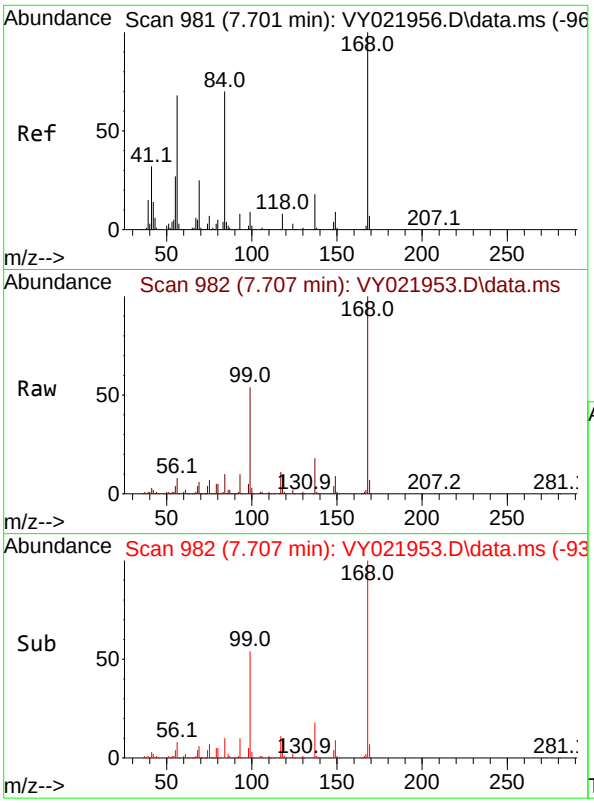


#30
Chloroform
Concen: 5.473 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 83 Resp: 30418

Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.3	76.9

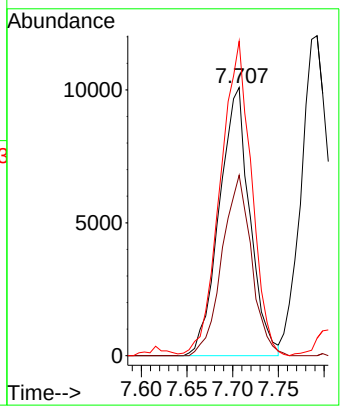




#31
Cyclohexane
Concen: 5.472 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 56 Resp: 2344

Ion	Ratio	Lower	Upper
56	100		
69	67.3	29.4	44.2
84	116.5	82.2	123.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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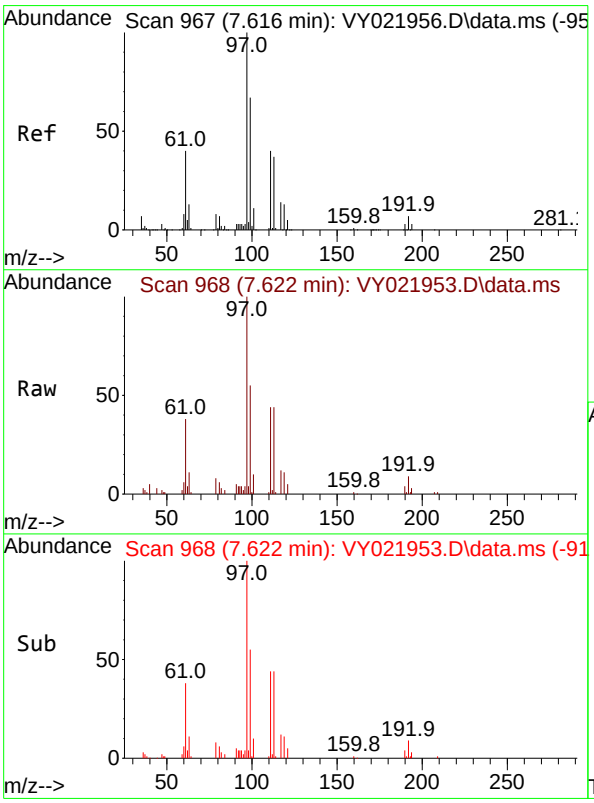
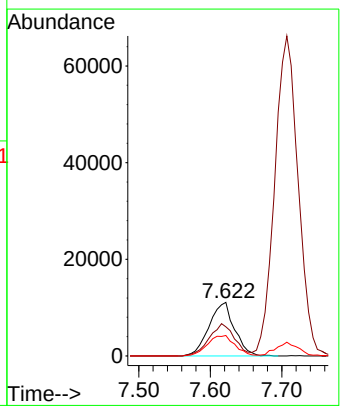
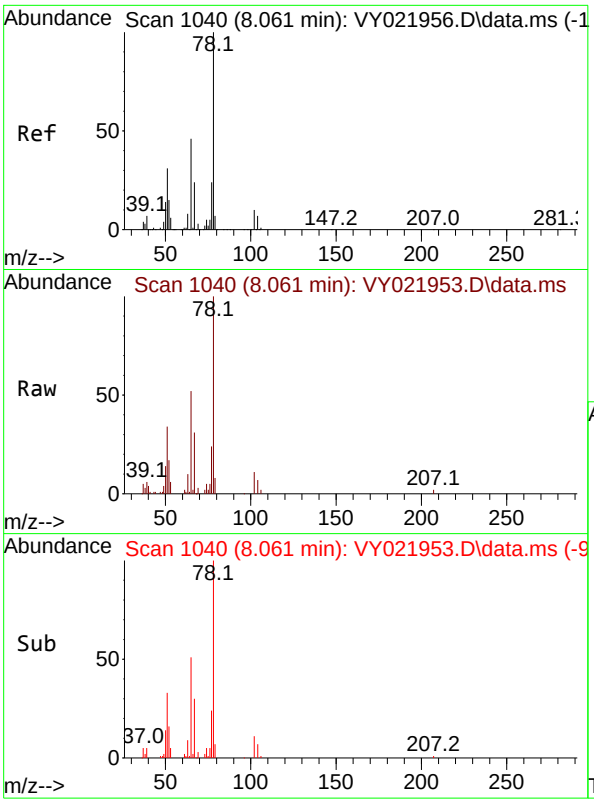


#32
1,1,1-Trichloroethane
Concen: 5.424 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 97 Resp: 27271

Ion	Ratio	Lower	Upper
97	100		
99	61.0	51.4	77.2
61	41.6	31.4	47.2

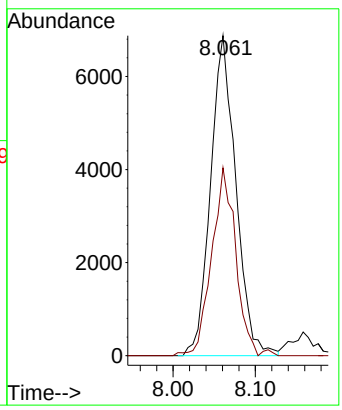




#33
1,2-Dichloroethane-d4
Concen: 5.679 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 65 Resp: 1471

Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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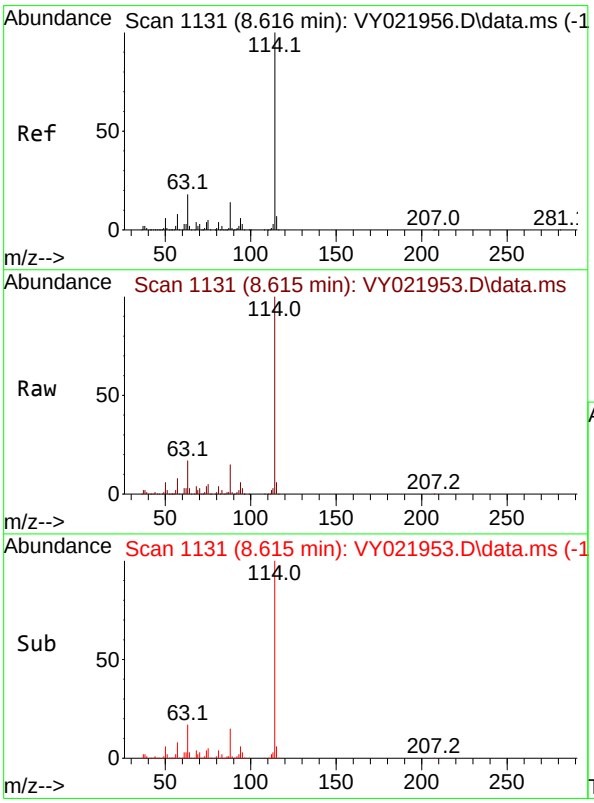
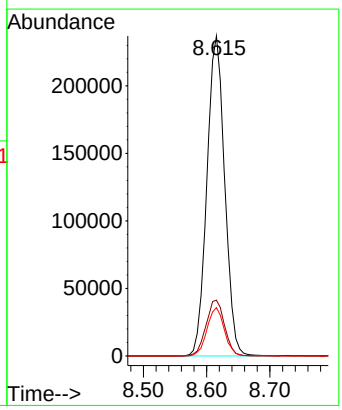
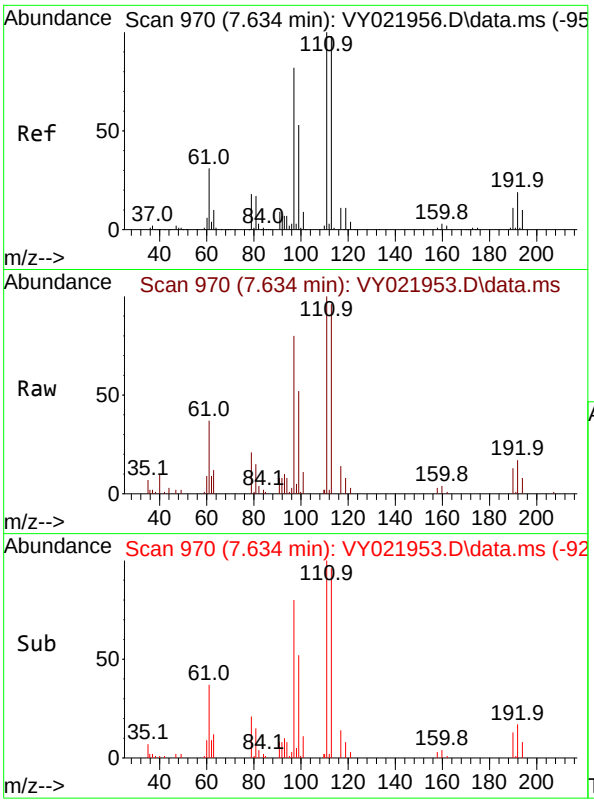


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:114 Resp: 462995

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.4
88	15.1	0.0	28.2

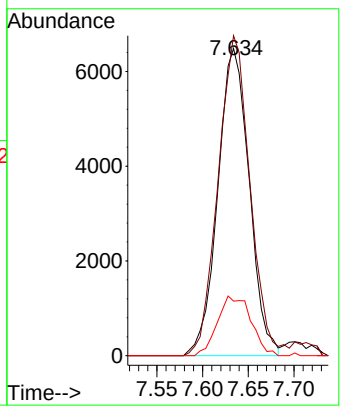




#35
Dibromofluoromethane
Concen: 5.073 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:113 Resp: 1551

Ion	Ratio	Lower	Upper
113	100		
111	105.8	81.8	122.8
192	20.6	15.6	23.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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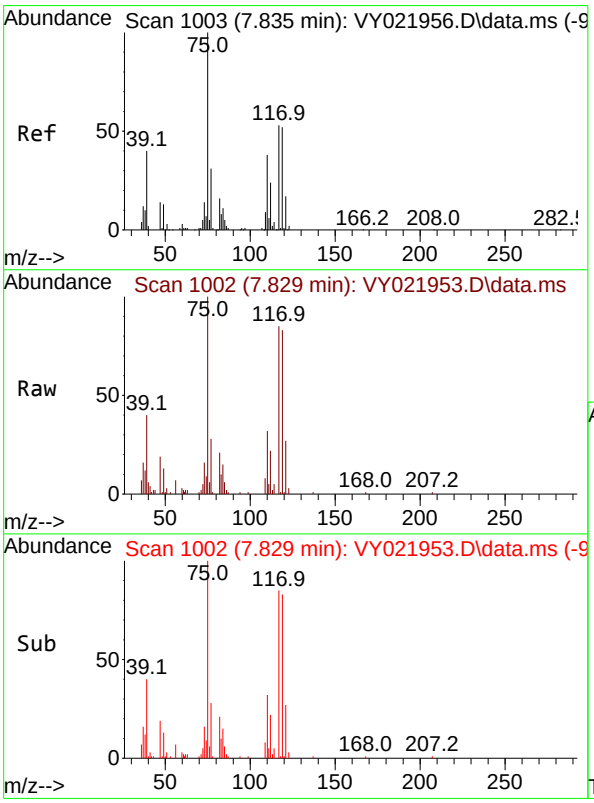
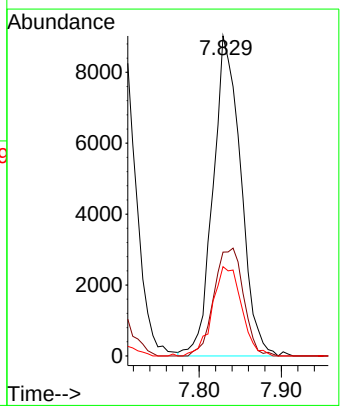
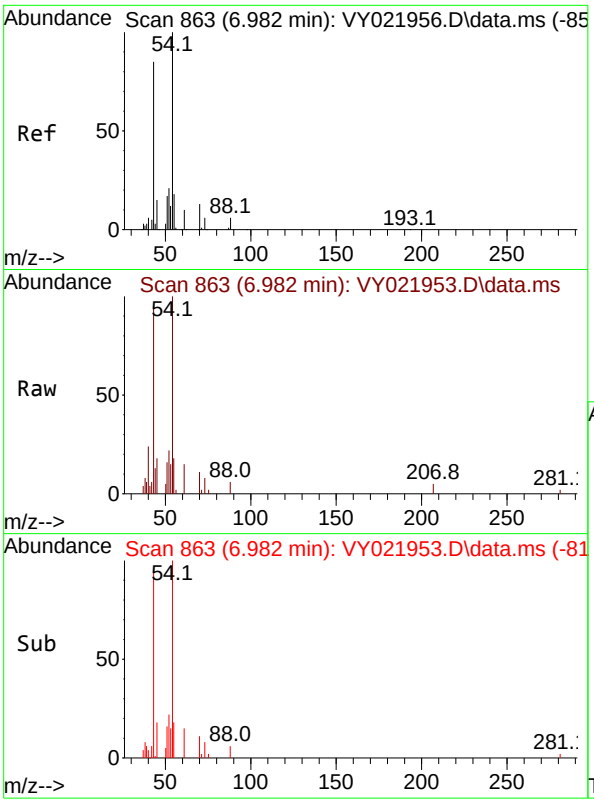


#36
1,1-Dichloropropene
Concen: 5.130 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 75 Resp: 21076

Ion	Ratio	Lower	Upper
75	100		
110	36.0	19.1	57.3
77	29.4	25.5	38.3

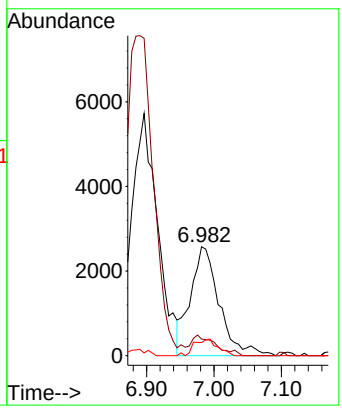




#37
Ethyl Acetate
Concen: 5.283 ug/l m
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 769

Ion	Ratio	Lower	Upper
43	100		
61	15.8	13.8	20.6
70	12.3	9.2	13.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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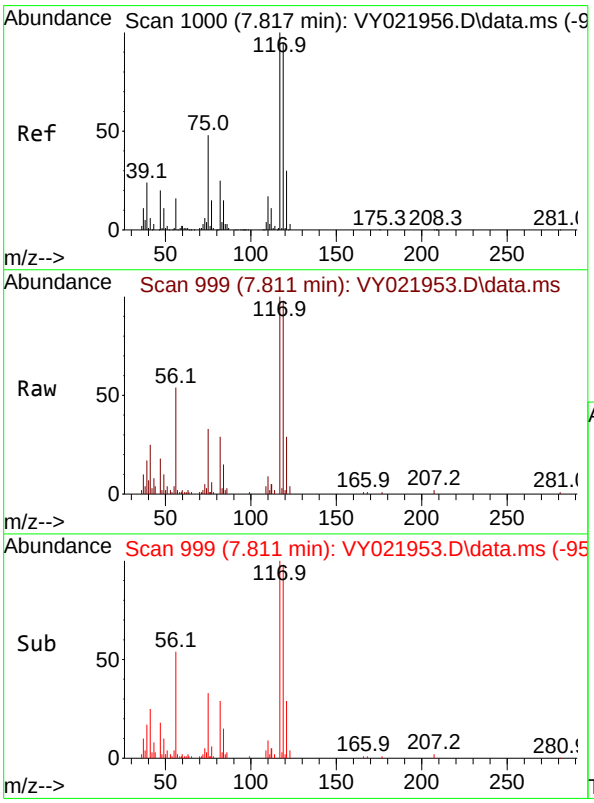
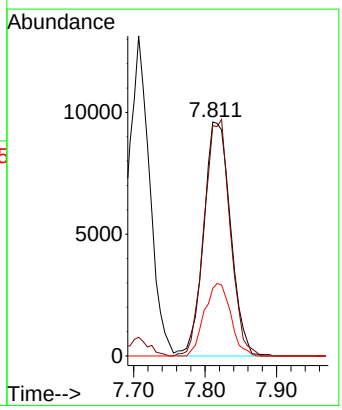
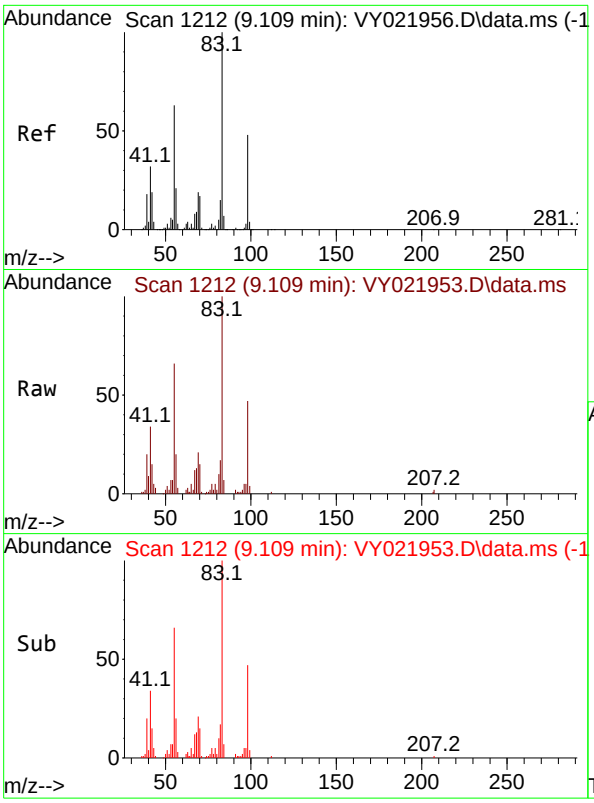


#38
Carbon Tetrachloride
Concen: 5.095 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:117 Resp: 25016

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.2	114.4
121	28.9	24.0	36.0





#39
Methylcyclohexane
Concen: 4.700 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 83 Resp: 2430

Ion	Ratio	Lower	Upper
83	100		
55	65.8	50.6	75.8
98	47.2	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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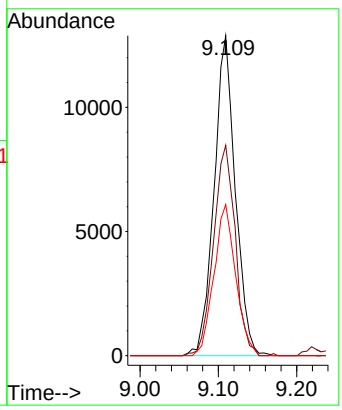
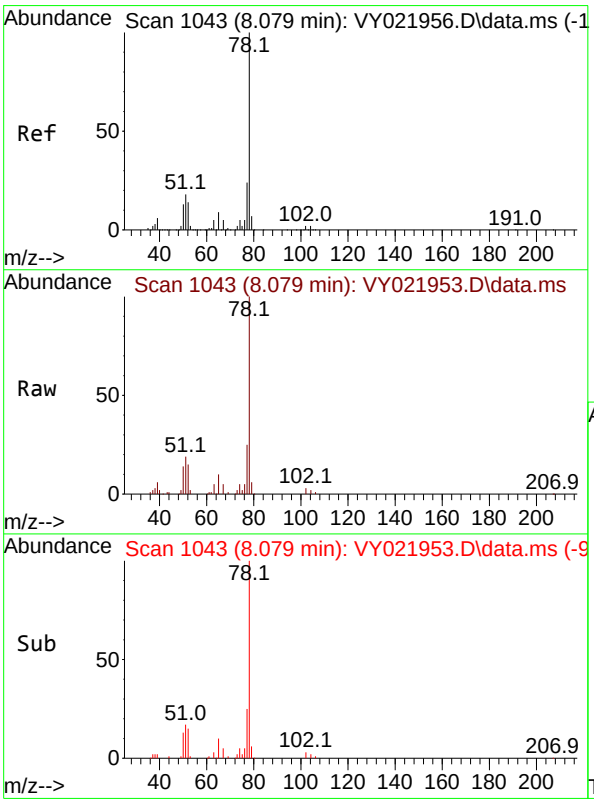
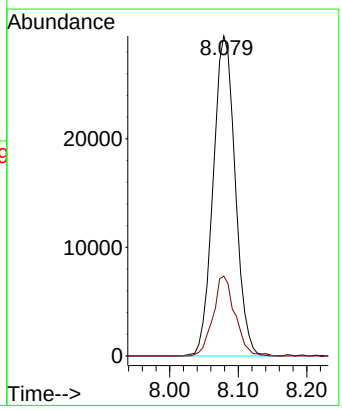


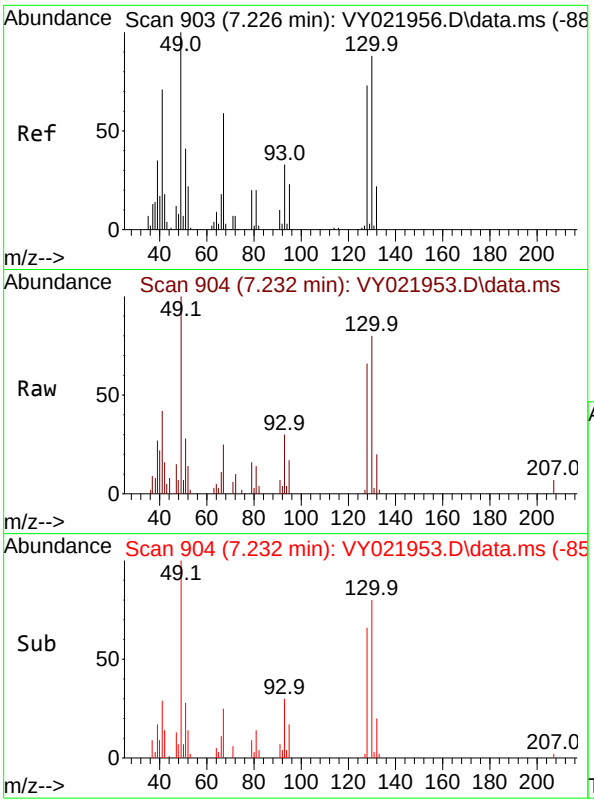


#40
Benzene
Concen: 5.129 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 78 Resp: 65878

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.3	28.9

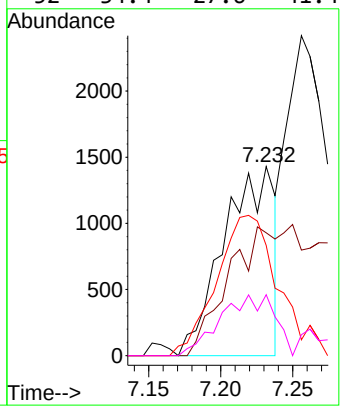




#41
Methacrylonitrile
Concen: 4.345 ug/l m
RT: 7.232 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 41 Resp: 350

Ion	Ratio	Lower	Upper
41	100		
39	63.9	36.6	55.0
67	89.8	72.2	108.4
52	34.4	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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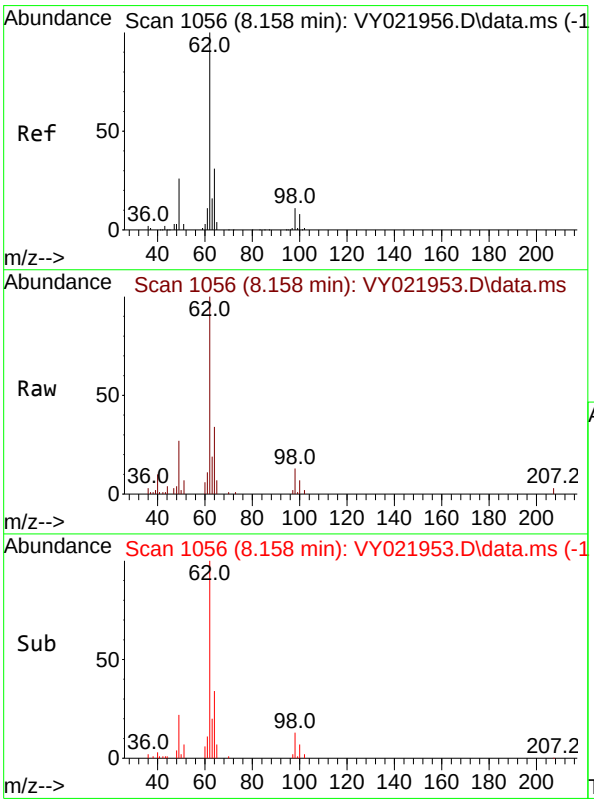
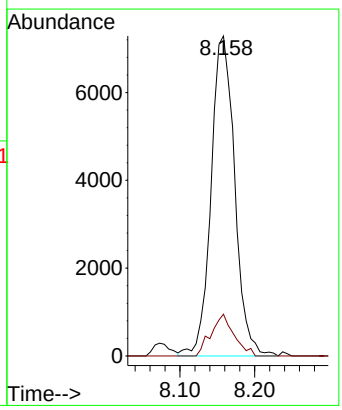
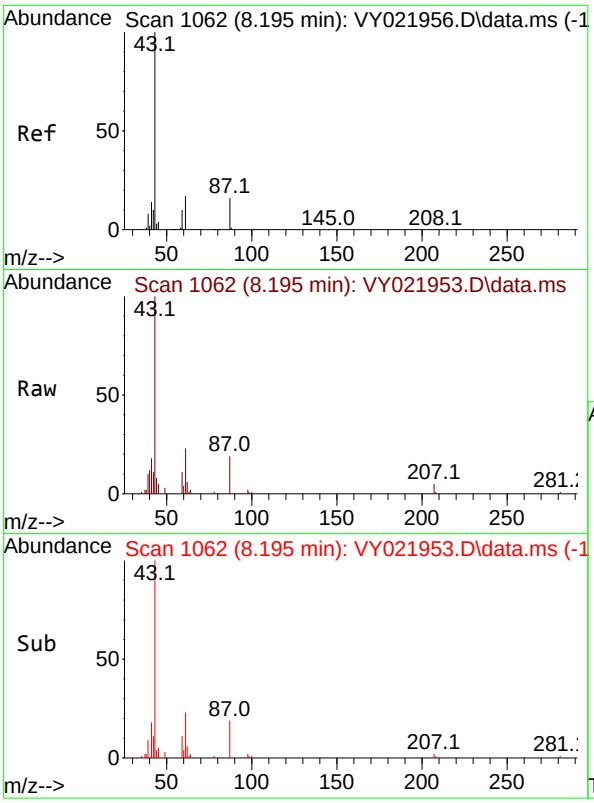


#42
1,2-Dichloroethane
Concen: 5.046 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 62 Resp: 16046

Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	22.0





#43
Isopropyl Acetate
Concen: 4.919 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 1394

Ion	Ratio	Lower	Upper
43	100		
61	35.6	18.9	28.3
87	16.8	13.7	20.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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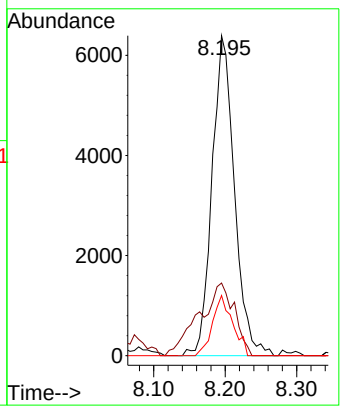
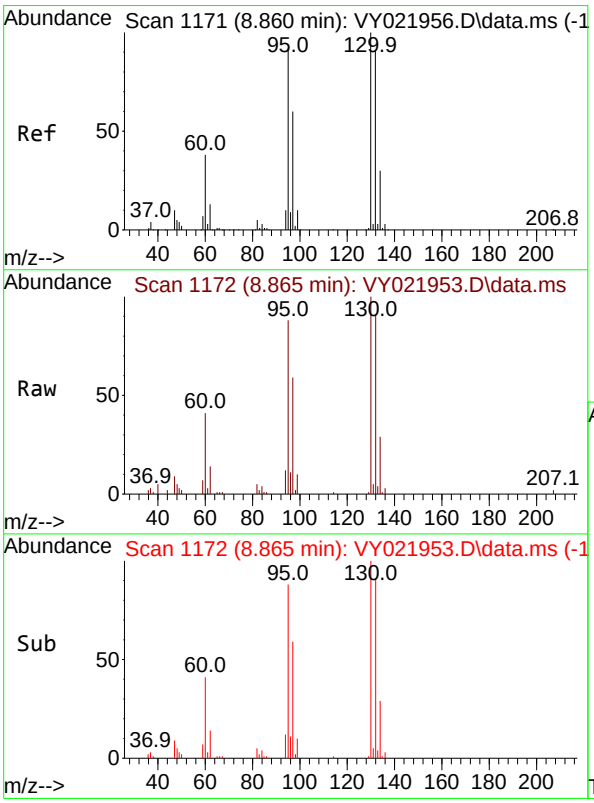
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

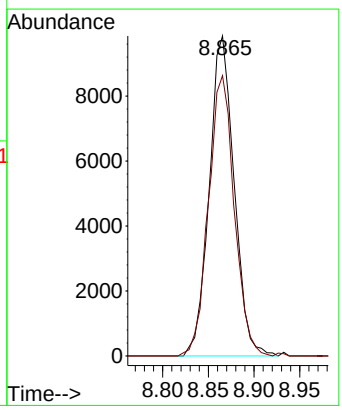


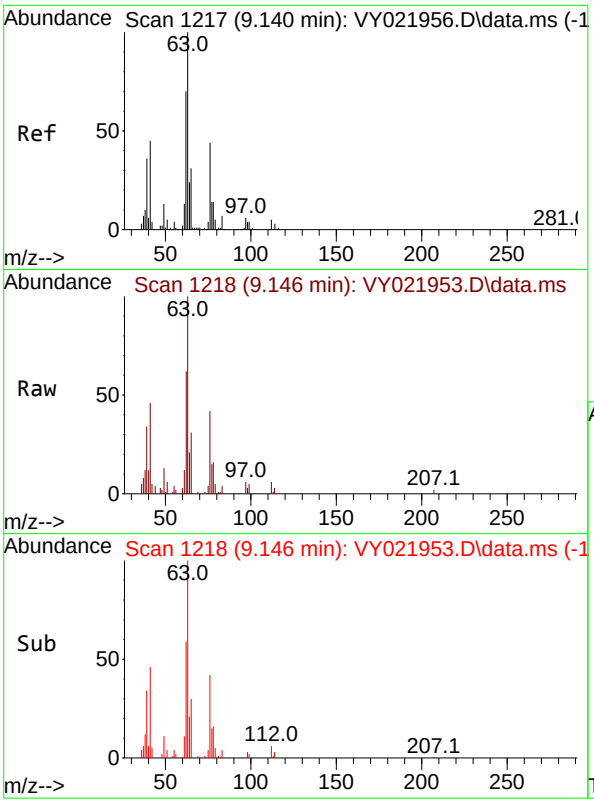


#44
Trichloroethene
Concen: 5.231 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:130 Resp: 18611

Ion	Ratio	Lower	Upper
130	100		
95	87.6	0.0	183.2

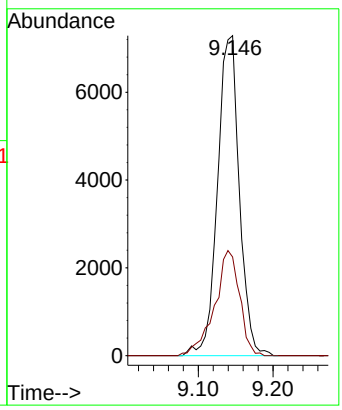




#45
1,2-Dichloropropane
Concen: 5.220 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 63 Resp: 1482

Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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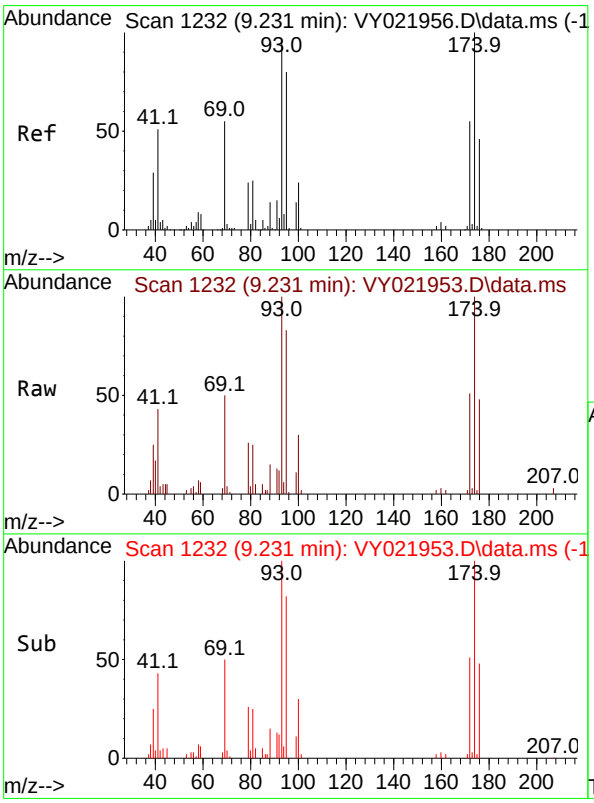
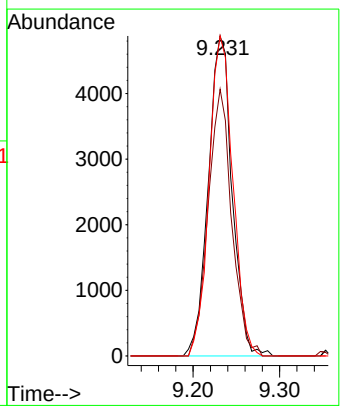
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

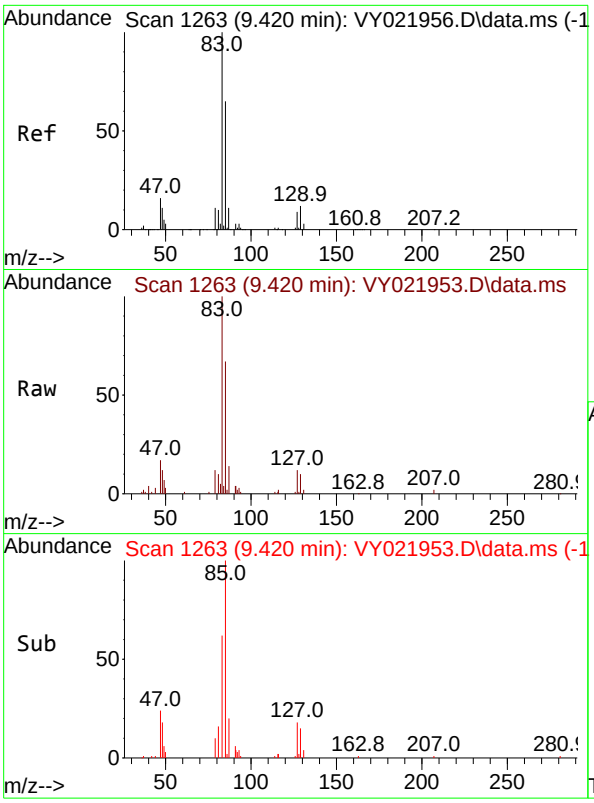


#46
Dibromomethane
Concen: 5.268 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 93 Resp: 9367

Ion	Ratio	Lower	Upper
93	100		
95	81.9	66.7	100.1
174	99.2	84.6	127.0

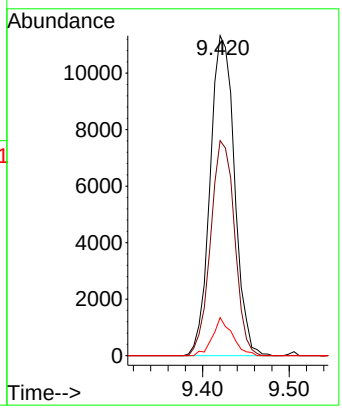




#47
Bromodichloromethane
Concen: 4.991 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 83 Resp: 2217

Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.8	77.8
127	11.9	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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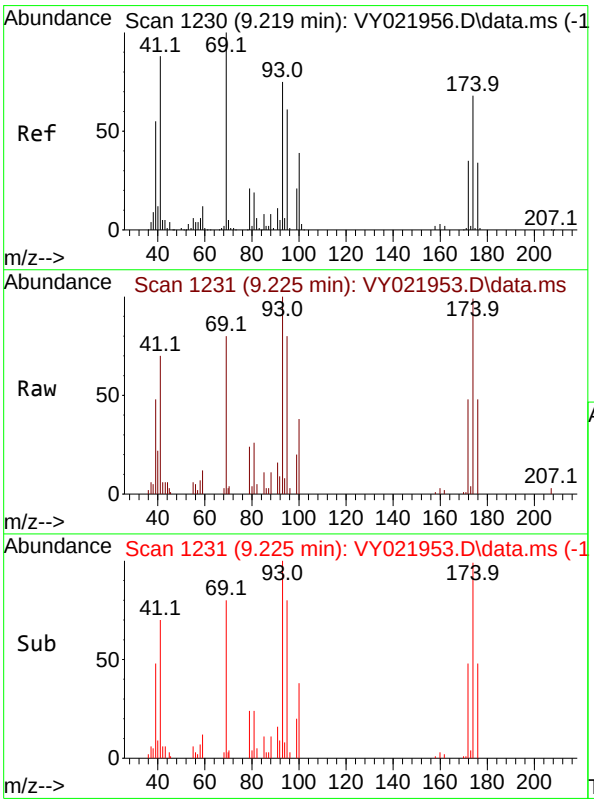
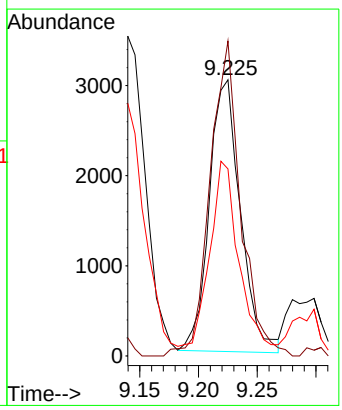
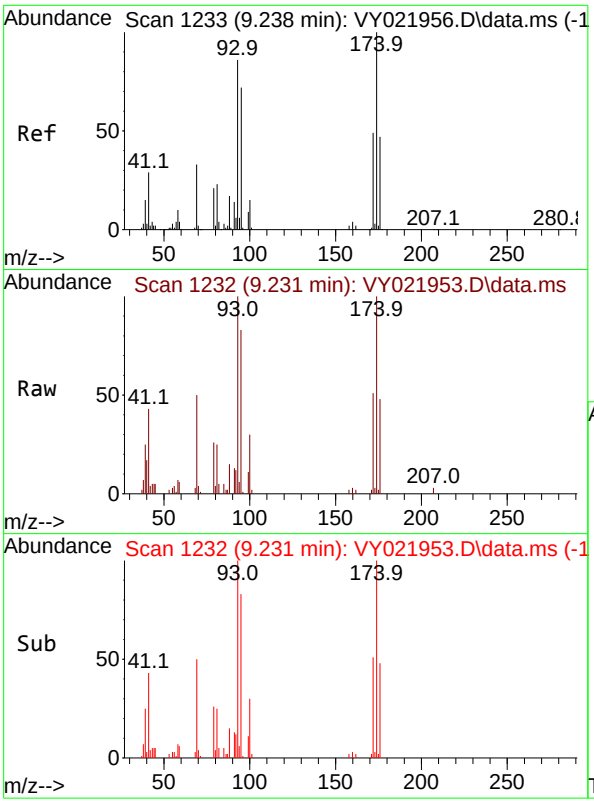


#48
Methyl methacrylate
Concen: 4.252 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 41 Resp: 5570

Ion	Ratio	Lower	Upper
41	100		
69	113.8	85.5	128.3
39	61.6	46.2	69.4





#49
1,4-Dioxane
Concen: 89.863 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 88 Resp: 170

Ion	Ratio	Lower	Upper
88	100		
43	38.6	21.3	31.9
58	60.0	50.5	75.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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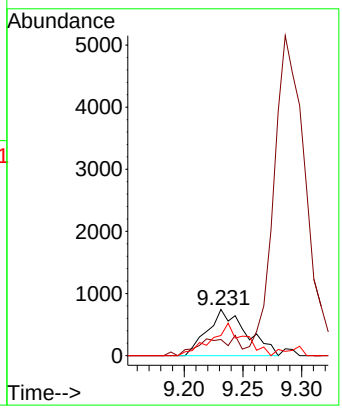
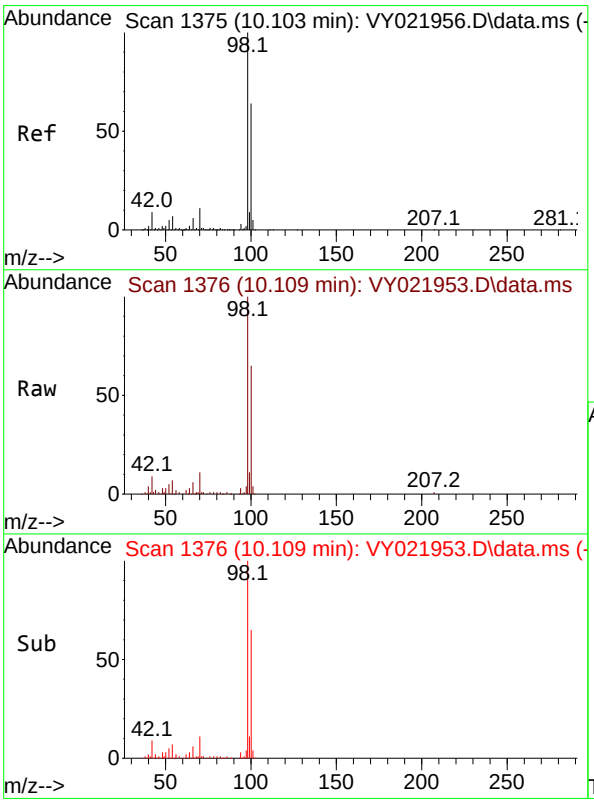
Supervised By :Mahesh Dadoda 04/23/2025

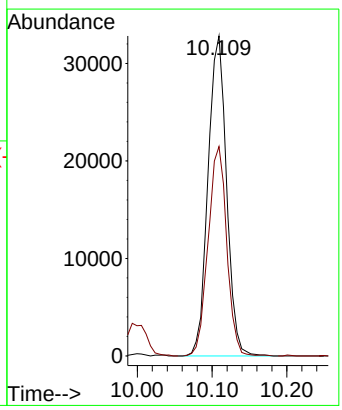


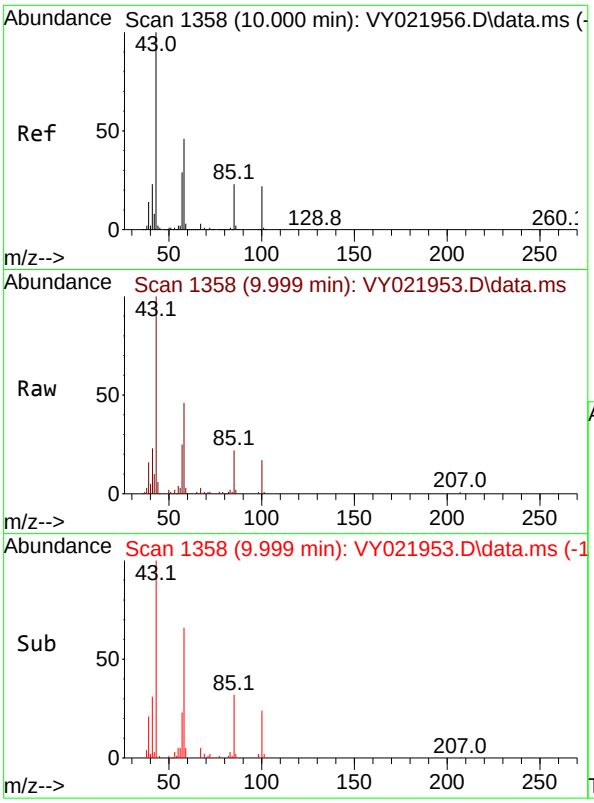


#50
Toluene-d8
Concen: 4.900 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 98 Resp: 56501

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.6	77.4

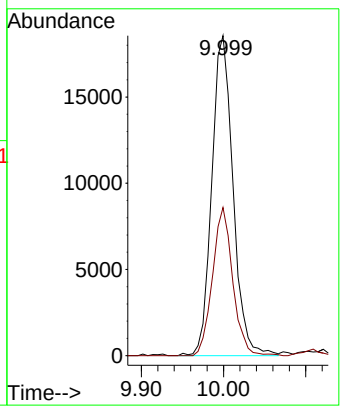




#51
4-Methyl-2-Pentanone
Concen: 22.414 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 3329

Ion	Ratio	Lower	Upper
43	100		
58	44.2	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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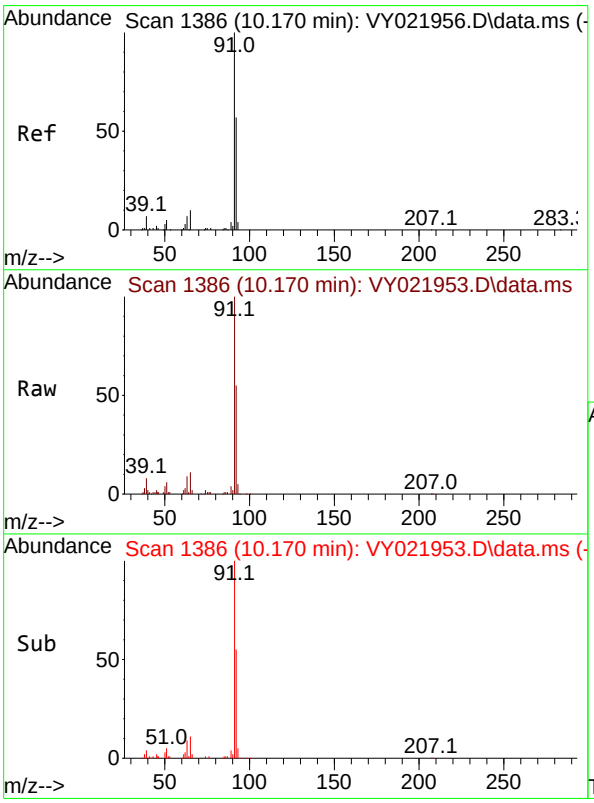
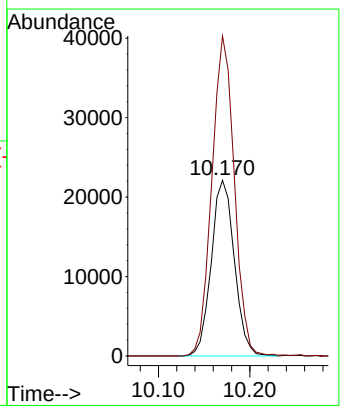
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

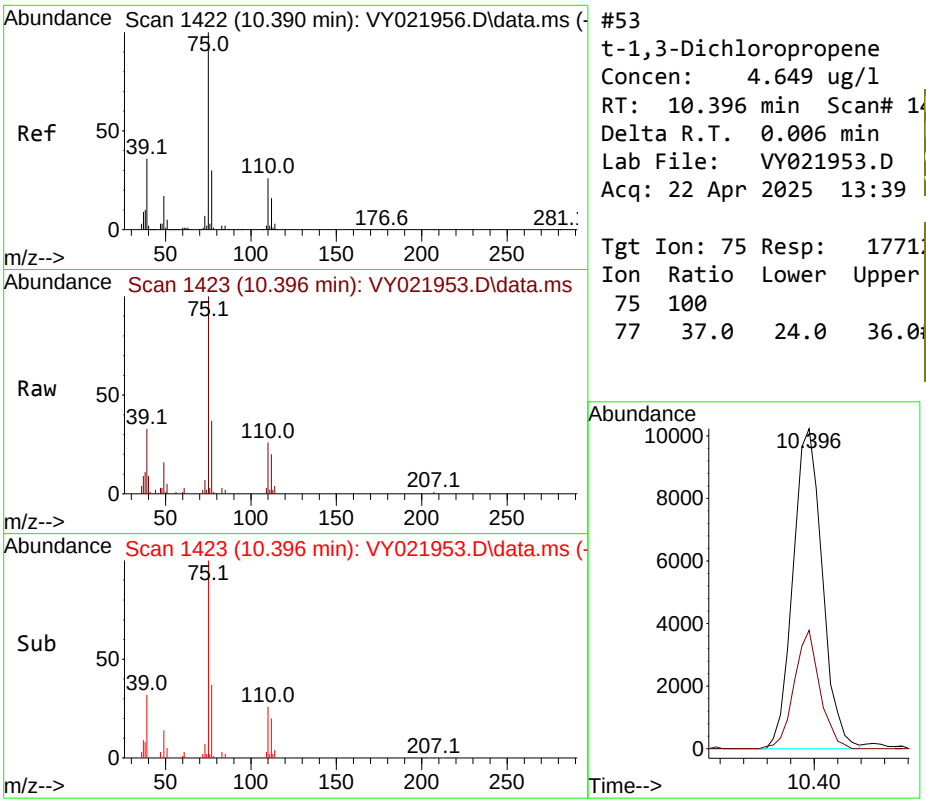


#52
Toluene
Concen: 4.665 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 92 Resp: 38784

Ion	Ratio	Lower	Upper
92	100		
91	177.9	138.6	207.8





#53
t-1,3-Dichloropropene
Concen: 4.649 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 75 Resp: 1771

Ion	Ratio	Lower	Upper
75	100		
77	37.0	24.0	36.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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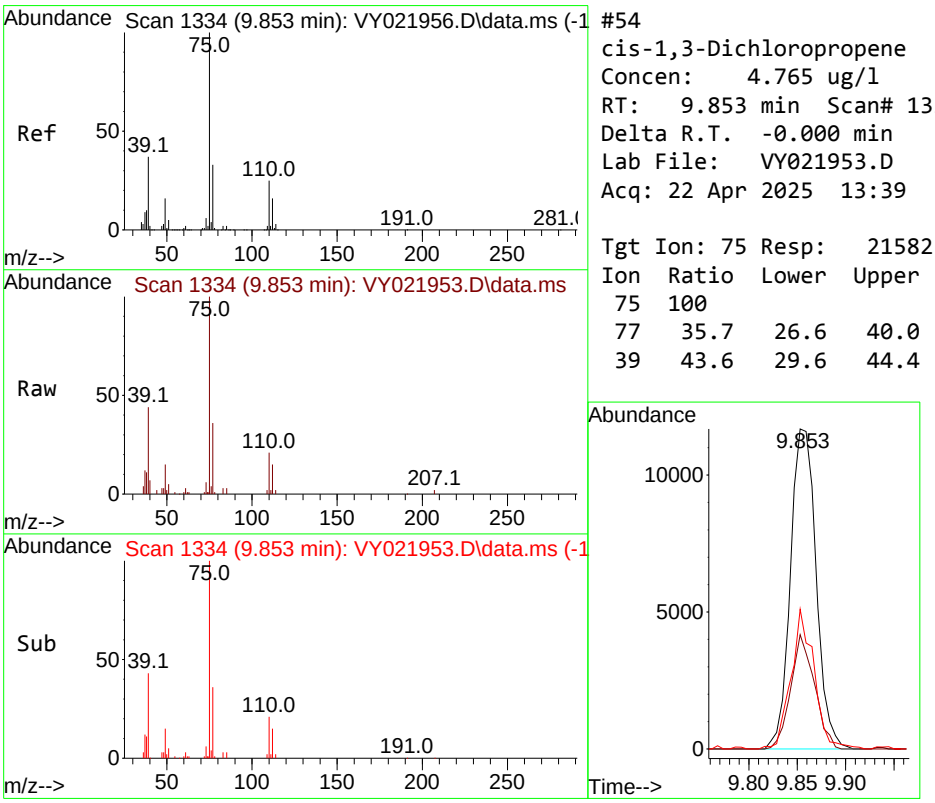
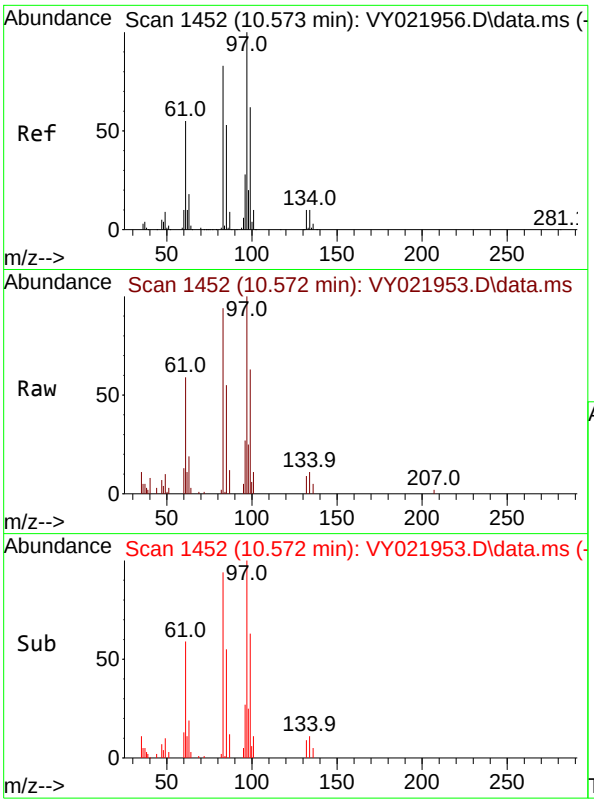
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#54
cis-1,3-Dichloropropene
Concen: 4.765 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 75 Resp: 21582

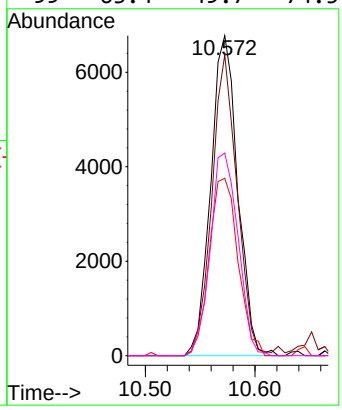
Ion	Ratio	Lower	Upper
75	100		
77	35.7	26.6	40.0
39	43.6	29.6	44.4



#55
1,1,2-Trichloroethane
Concen: 4.877 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 97 Resp: 1158

Ion	Ratio	Lower	Upper
97	100		
83	94.0	66.7	100.1
85	55.5	42.6	64.0
99	63.4	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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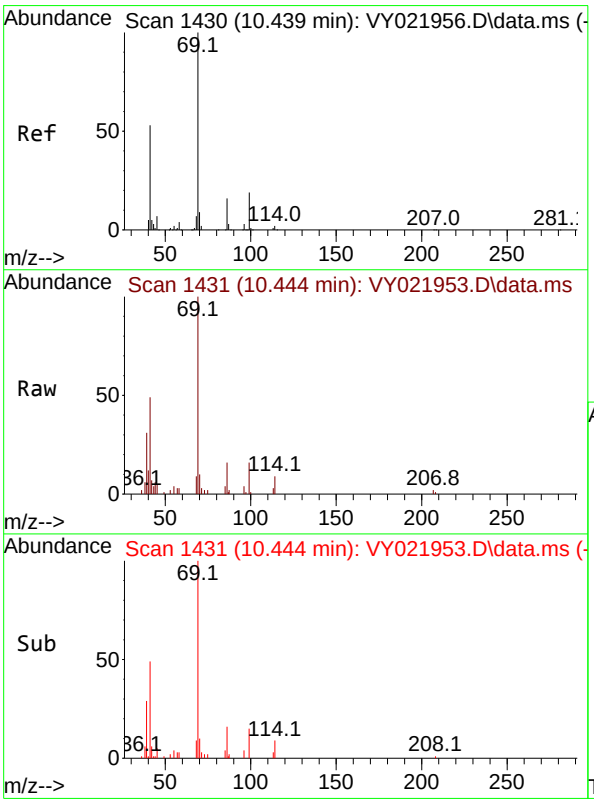
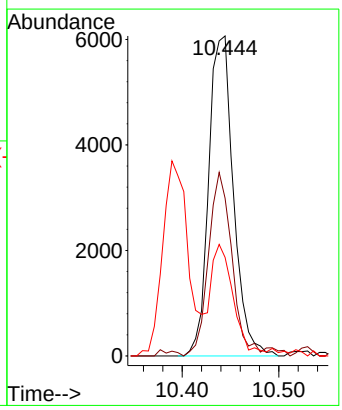
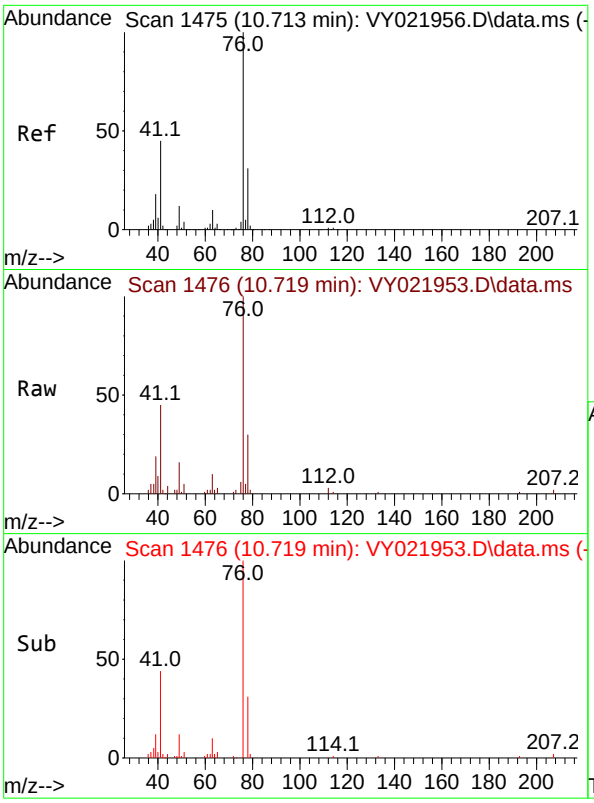


#56
Ethyl methacrylate
Concen: 3.982 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 69 Resp: 10816

Ion	Ratio	Lower	Upper
69	100		
41	54.5	40.7	61.1
39	30.0	23.3	34.9

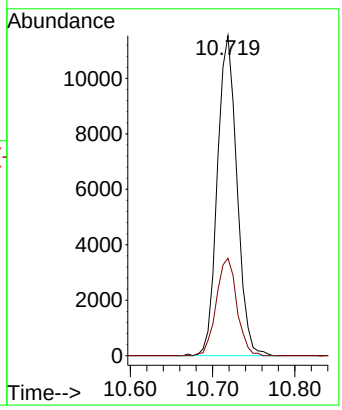




#57
1,3-Dichloropropane
Concen: 5.020 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 76 Resp: 1911

Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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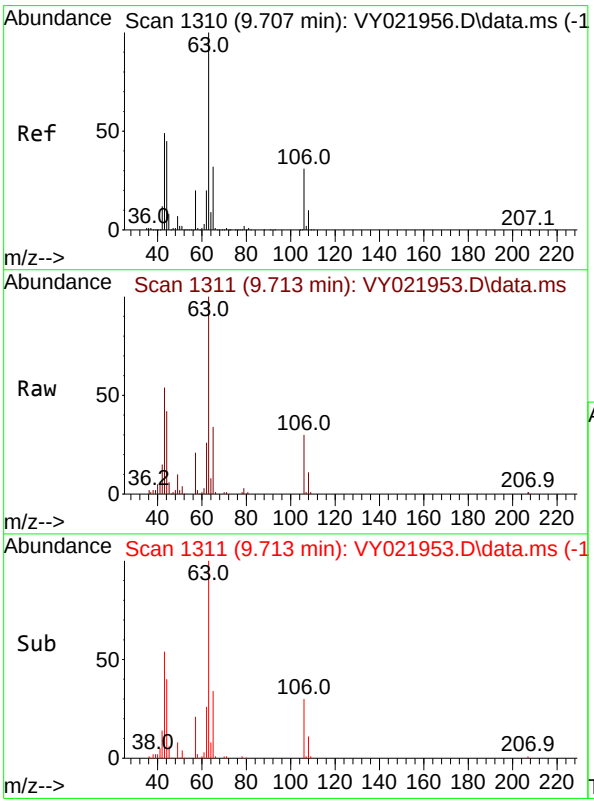
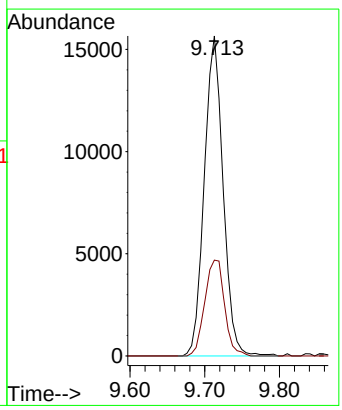
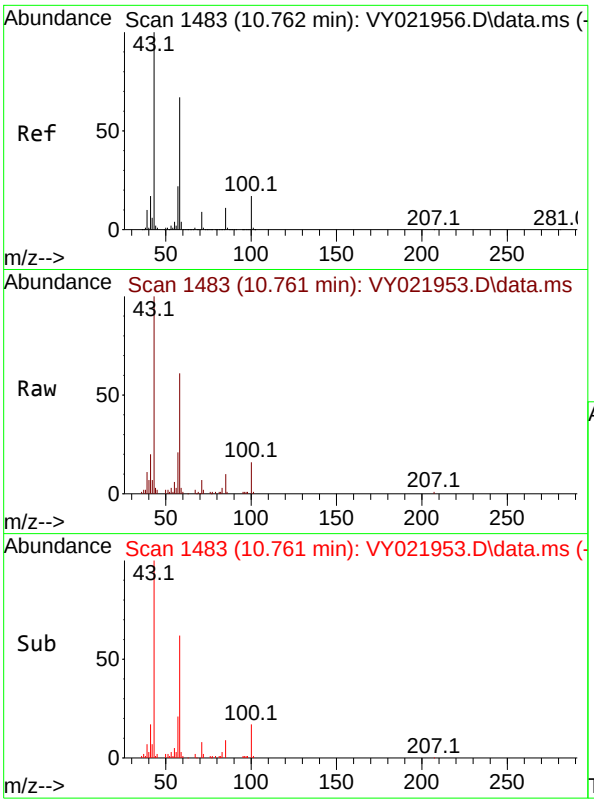


#58
2-Chloroethyl Vinyl ether
Concen: 20.606 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 63 Resp: 27363

Ion	Ratio	Lower	Upper
63	100		
106	31.5	25.3	37.9

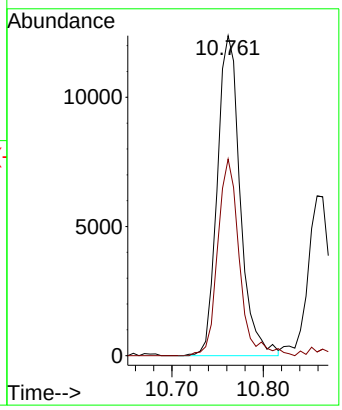




#59
2-Hexanone
Concen: 22.001 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 2155

Ion	Ratio	Lower	Upper
43	100		
58	58.1	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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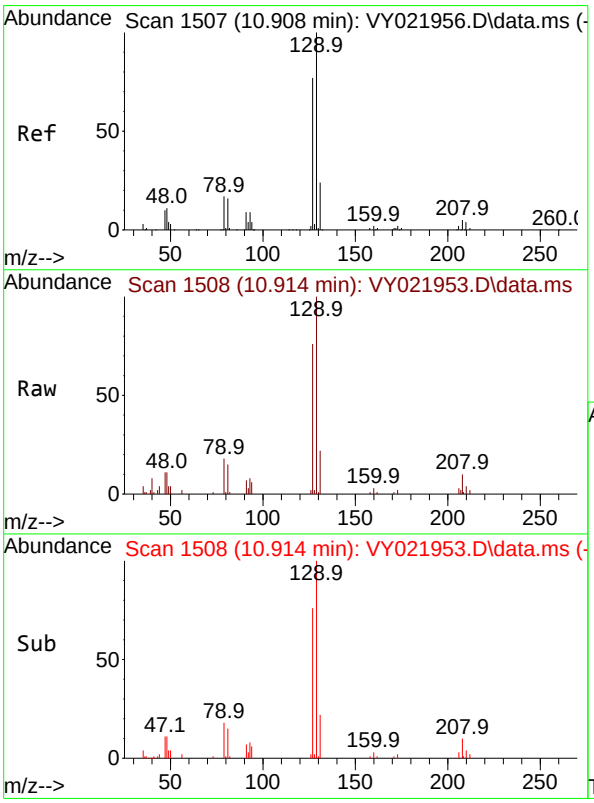
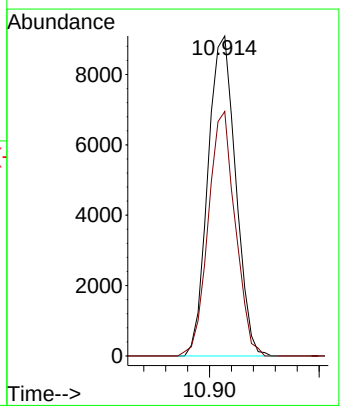
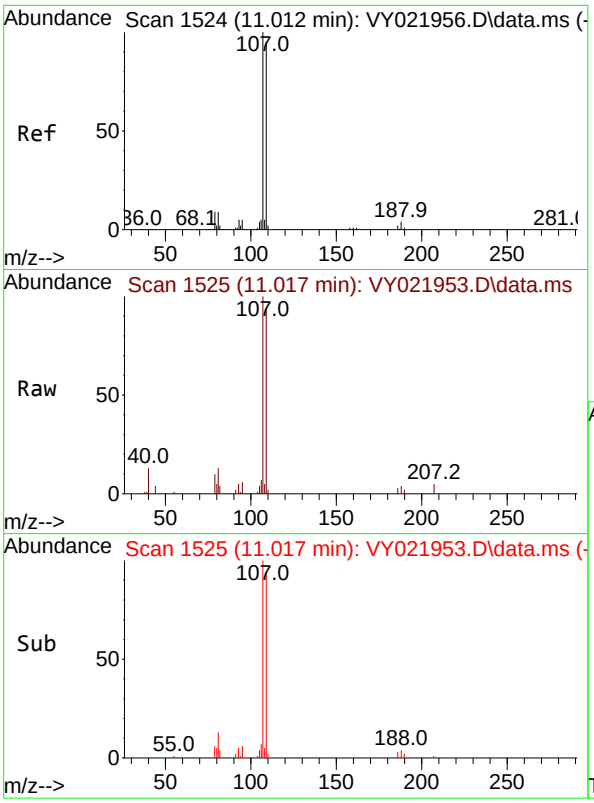


#60
Dibromochloromethane
Concen: 4.863 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:129 Resp: 15992

Ion	Ratio	Lower	Upper
129	100		
127	74.2	38.5	115.3

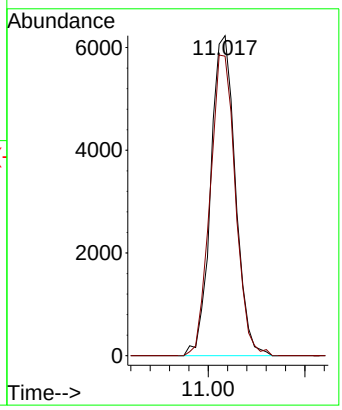




#61
1,2-Dibromoethane
Concen: 4.915 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:107 Resp: 1102

Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.8	113.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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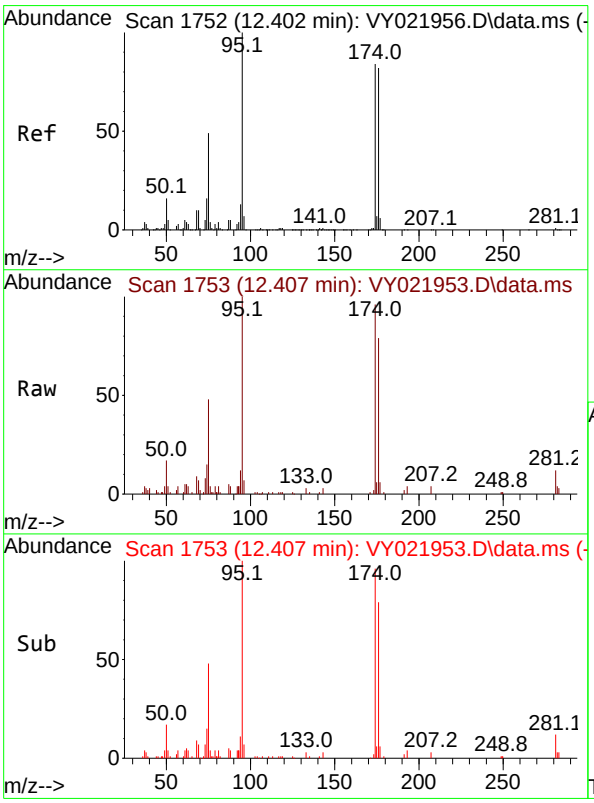
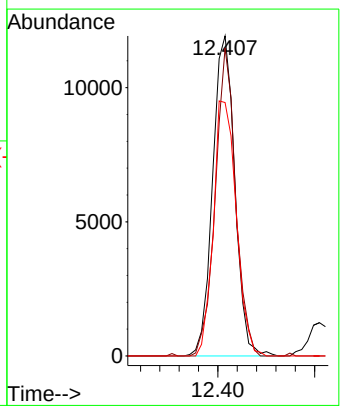
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

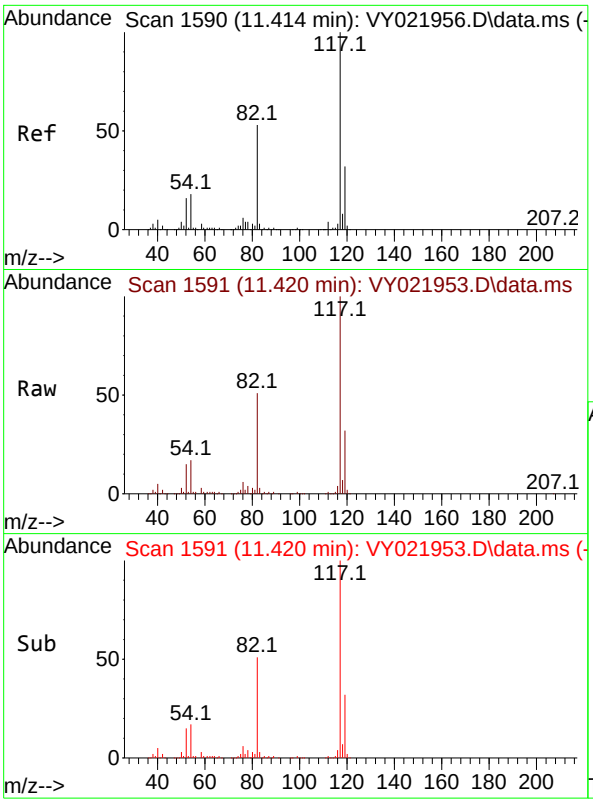


#62
4-Bromofluorobenzene
Concen: 4.869 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 95 Resp: 18902

Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	179.0
176	82.4	0.0	171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:117 Resp: 41072

Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.1	63.1
119	31.7	25.7	38.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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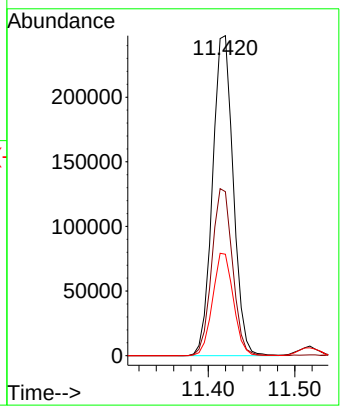
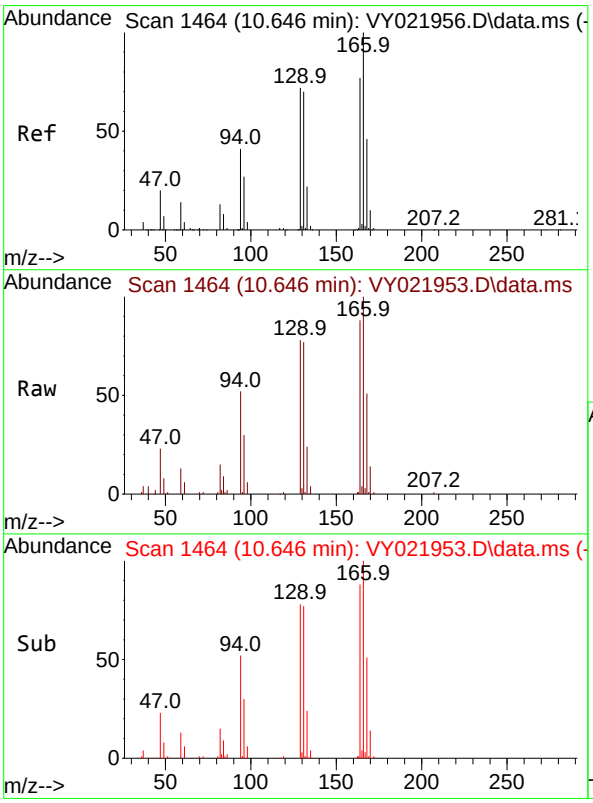
Supervised By :Mahesh Dadoda 04/23/2025

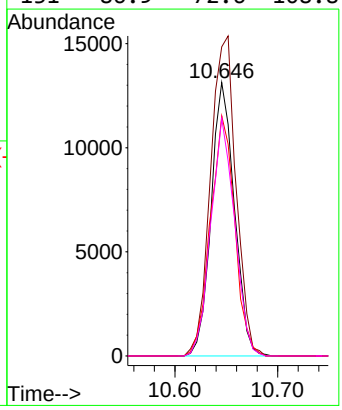


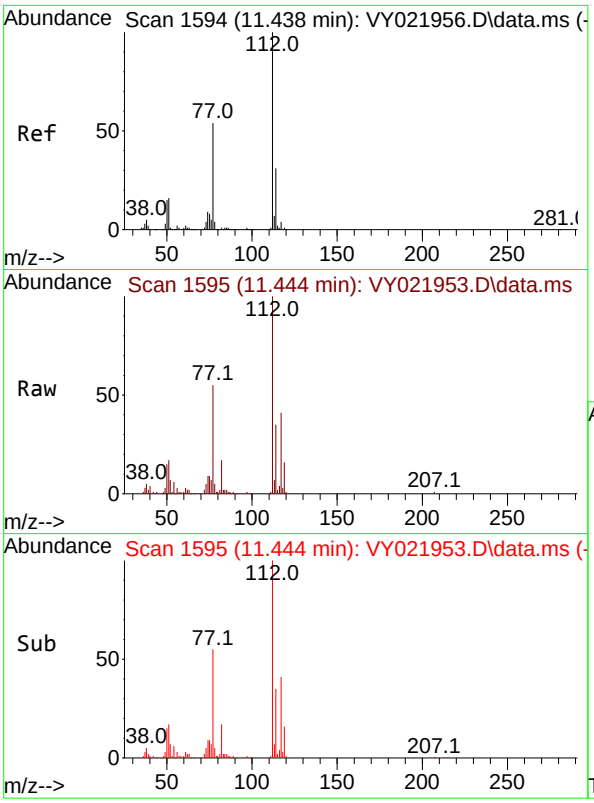


#64
Tetrachloroethene
Concen: 5.302 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:164 Resp: 20545

Ion	Ratio	Lower	Upper
164	100		
166	113.0	103.6	155.4
129	87.8	74.2	111.4
131	86.9	72.6	108.8

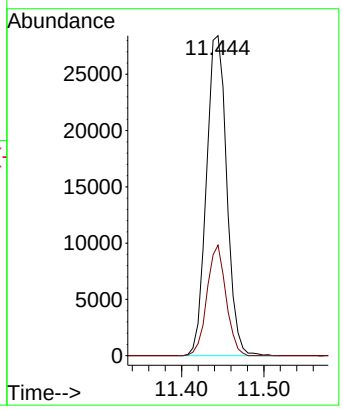




#65
Chlorobenzene
Concen: 5.314 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:112 Resp: 4880

Ion	Ratio	Lower	Upper
112	100		
114	34.6	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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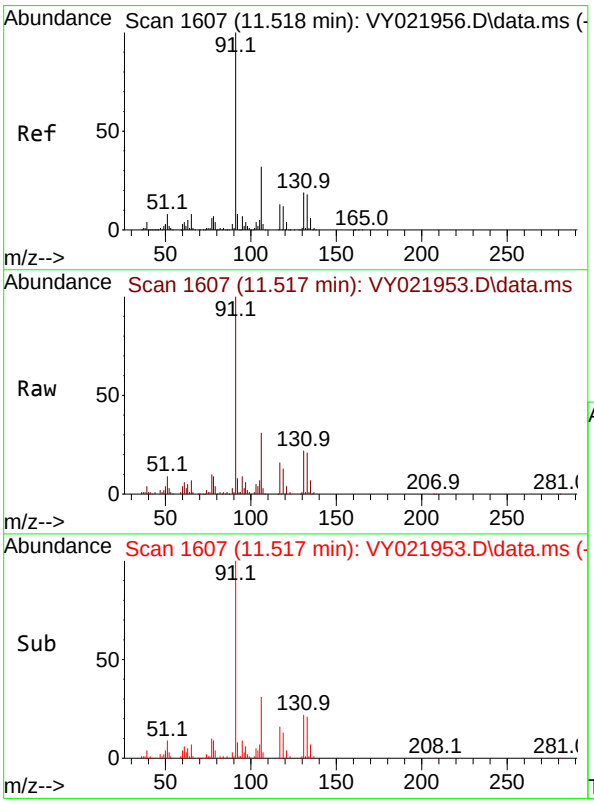
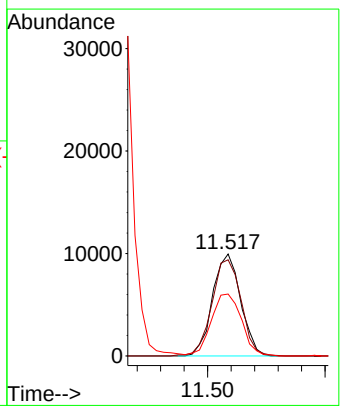
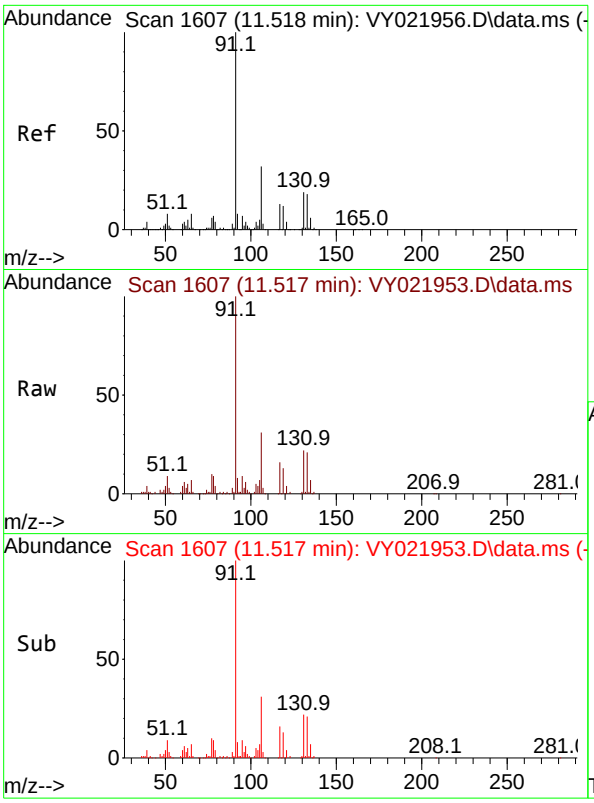


#66
1,1,1,2-Tetrachloroethane
Concen: 5.097 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:131 Resp: 16483

Ion	Ratio	Lower	Upper
131	100		
133	98.5	47.8	143.3
119	65.6	32.4	97.0

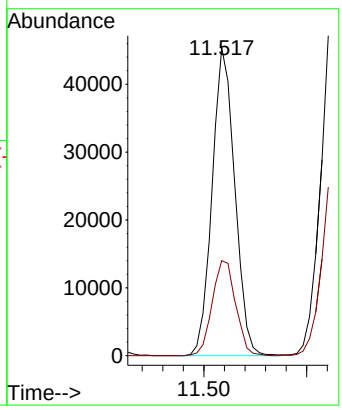




#67
Ethyl Benzene
Concen: 4.629 ug/l
RT: 11.517 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 91 Resp: 6954

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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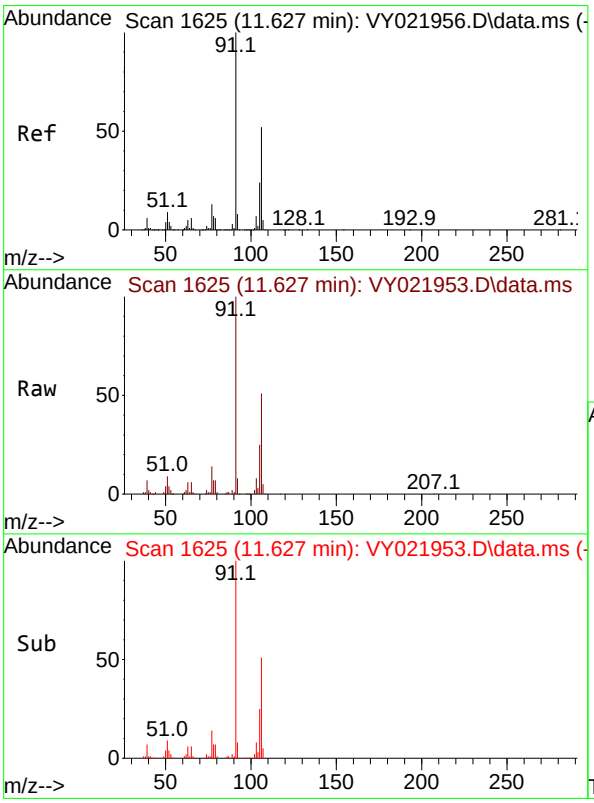
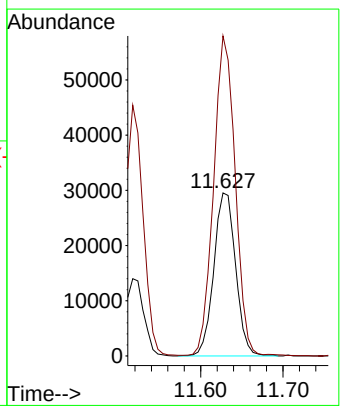
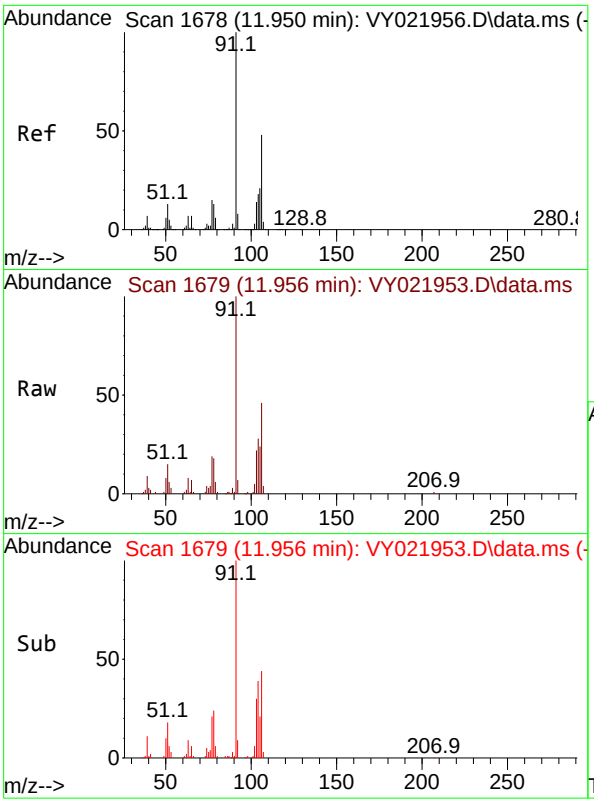


#68
m/p-Xylenes
Concen: 9.119 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:106 Resp: 54518

Ion	Ratio	Lower	Upper
106	100		
91	195.0	156.2	234.2

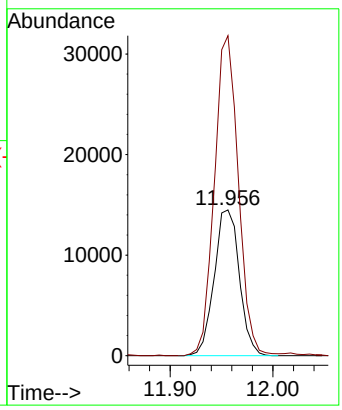




#69
o-Xylene
Concen: 4.466 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:106 Resp: 2461

Ion	Ratio	Lower	Upper
106	100		
91	208.8	103.0	308.9



Instrument :
MSVOA_Y
ClientSampleId :
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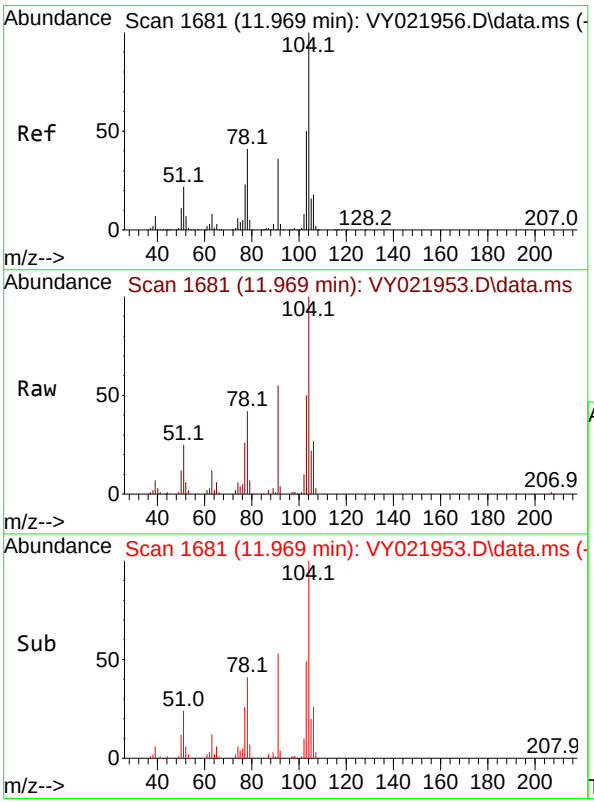
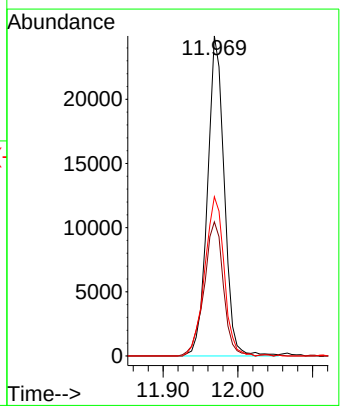
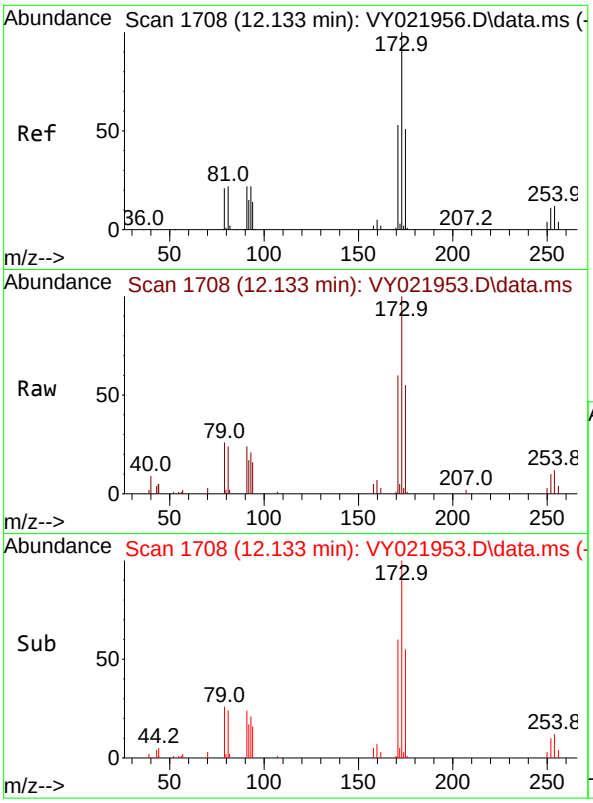


#70
Styrene
Concen: 4.217 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:104 Resp: 39016

Ion	Ratio	Lower	Upper
104	100		
78	48.0	36.6	54.8
103	57.1	43.8	65.8

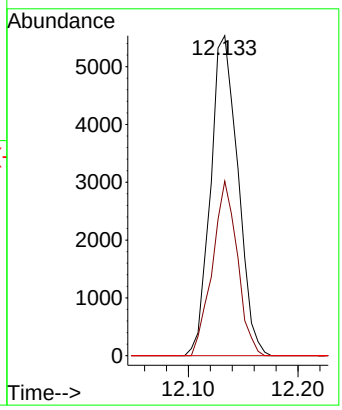




#71
Bromoform
Concen: 5.111 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:173 Resp: 960

Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.3	72.8
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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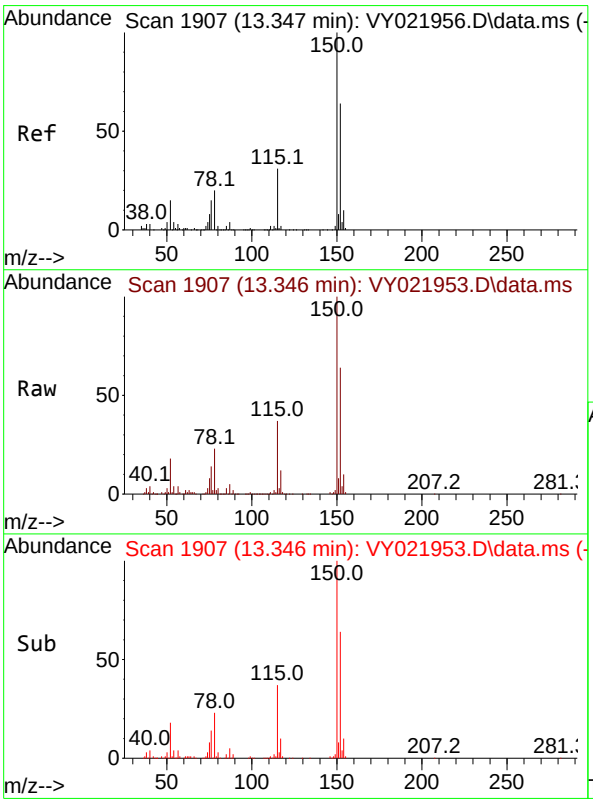
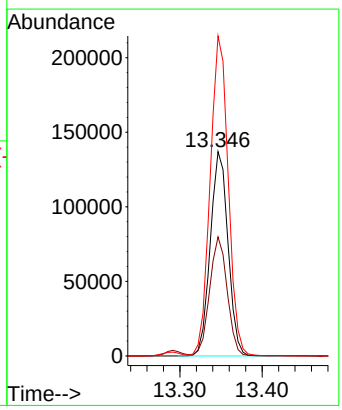
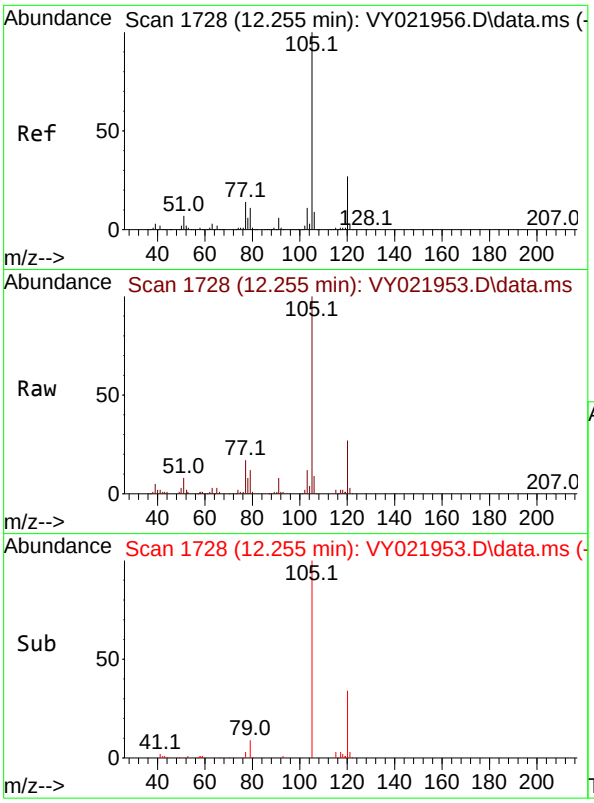


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:152 Resp: 205526

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.0	84.0
150	159.3	0.0	345.6

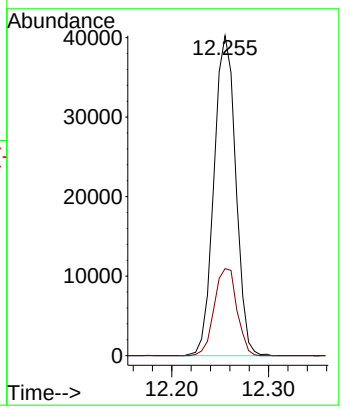




#73
Isopropylbenzene
Concen: 4.582 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:105 Resp: 6291

Ion	Ratio	Lower	Upper
105	100		
120	28.3	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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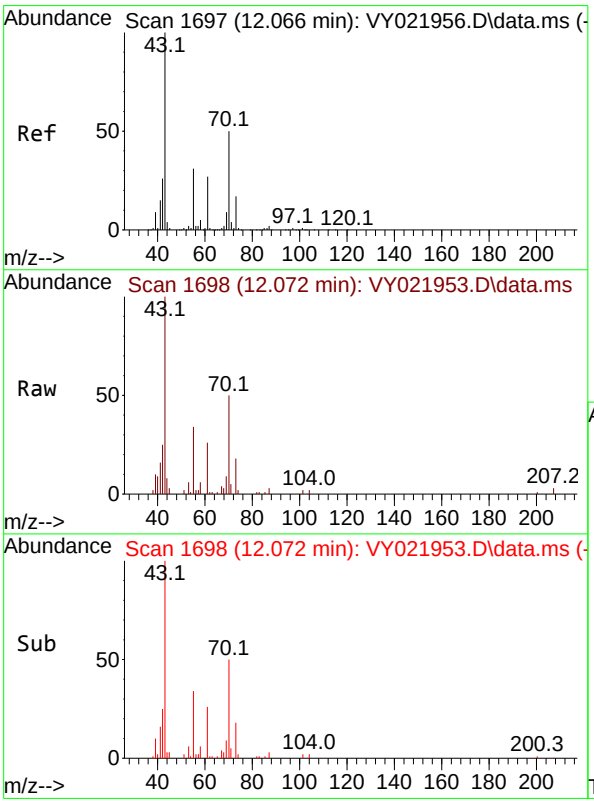
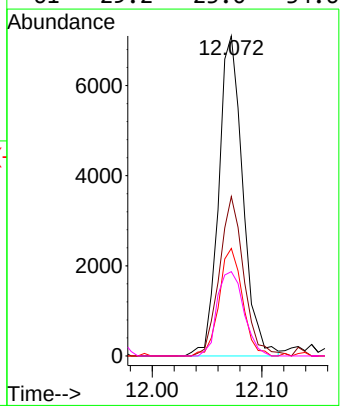
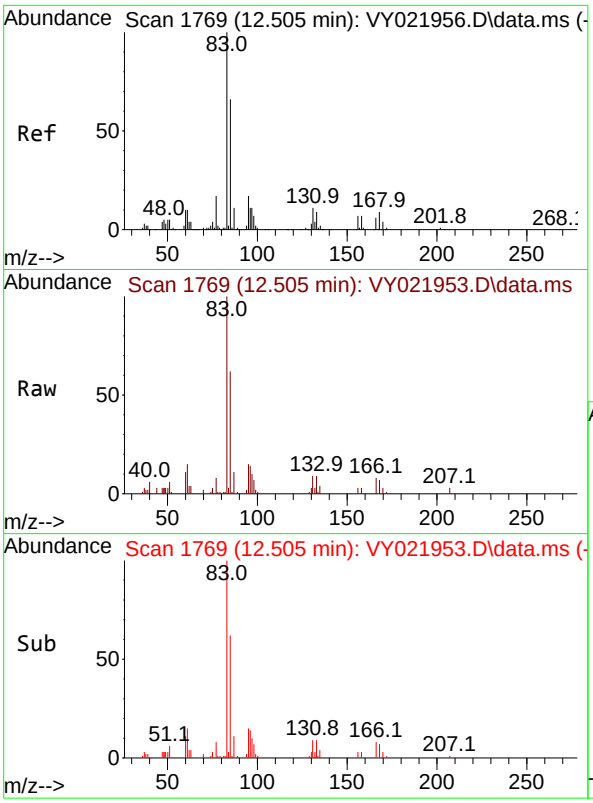


#74
N-amyl acetate
Concen: 4.596 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 43 Resp: 10843

Ion	Ratio	Lower	Upper
43	100		
70	50.3	43.2	64.8
55	32.5	25.7	38.5
61	29.2	23.0	34.6

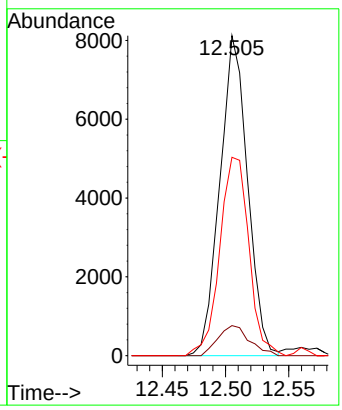




#75
1,1,2,2-Tetrachloroethane
Concen: 5.340 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 83 Resp: 1236

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.5	16.4
85	65.3	32.3	96.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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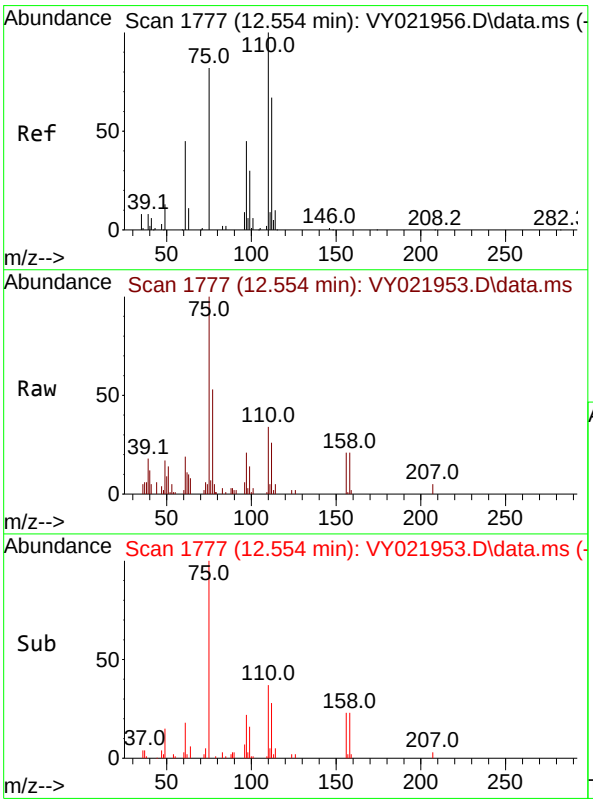
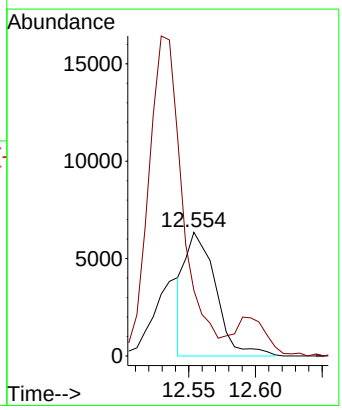
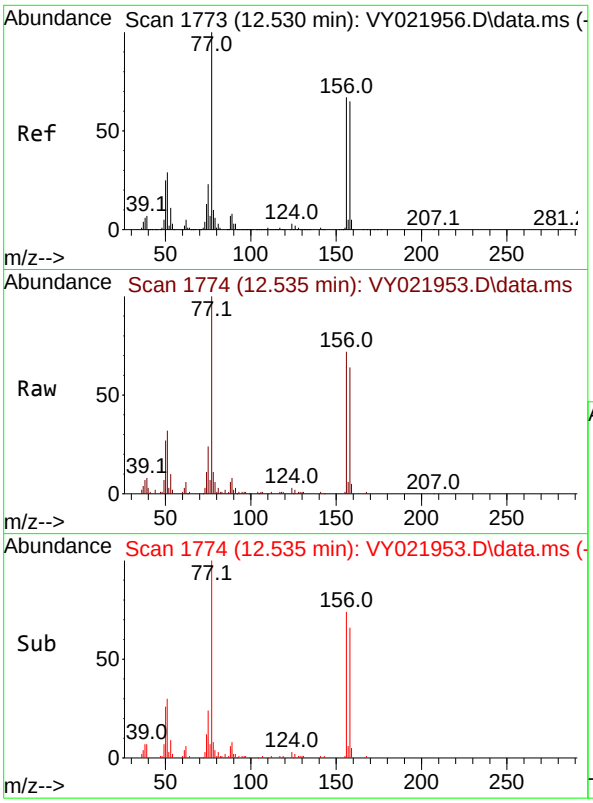


#76
1,2,3-Trichloropropane
Concen: 5.648 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 75 Resp: 10228

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

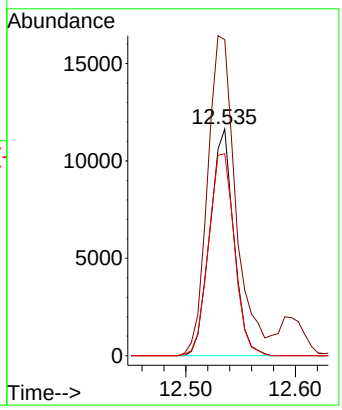




#77
Bromobenzene
Concen: 5.064 ug/l
RT: 12.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:156 Resp: 1757

Ion	Ratio	Lower	Upper
156	100		
77	165.8	82.7	248.1
158	96.6	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
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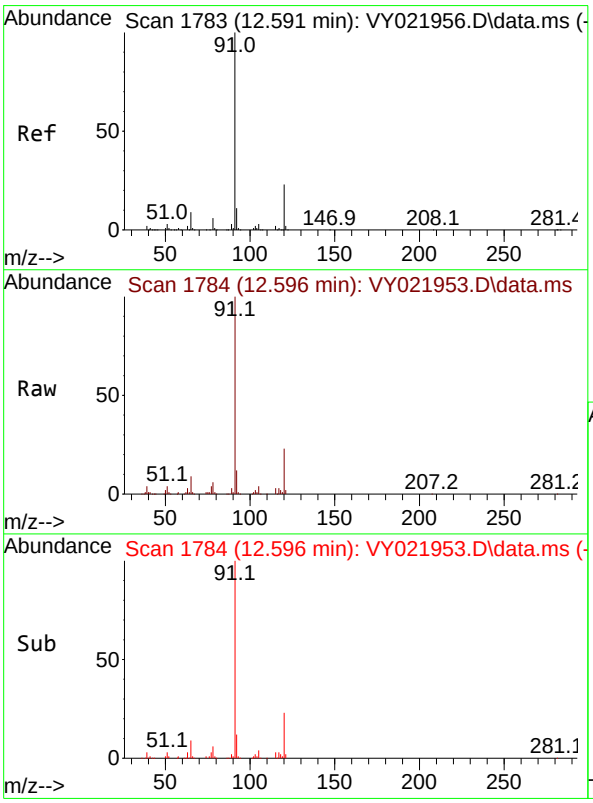
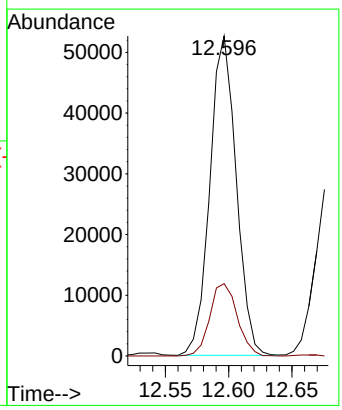
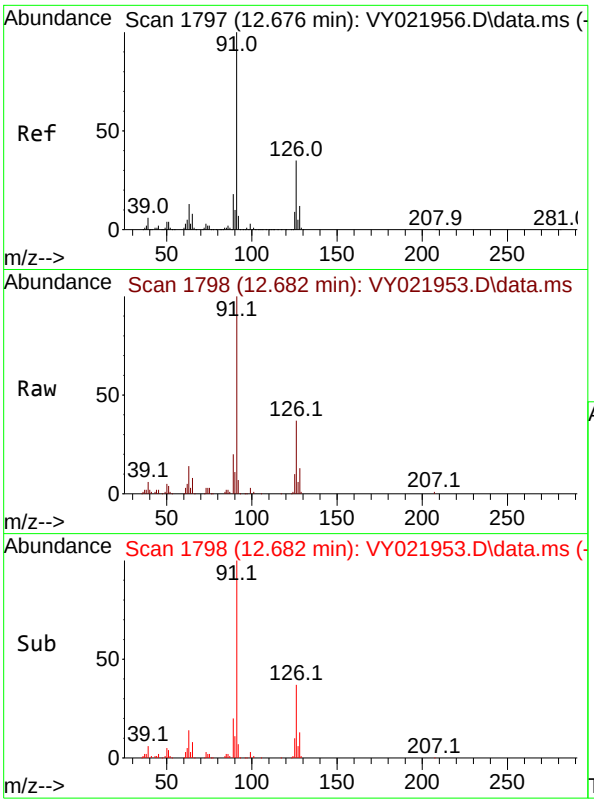


#78
n-propylbenzene
Concen: 4.660 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 91 Resp: 76210

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5

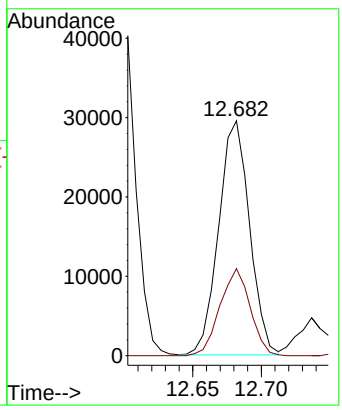




#79
2-Chlorotoluene
Concen: 4.868 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 91 Resp: 4629

Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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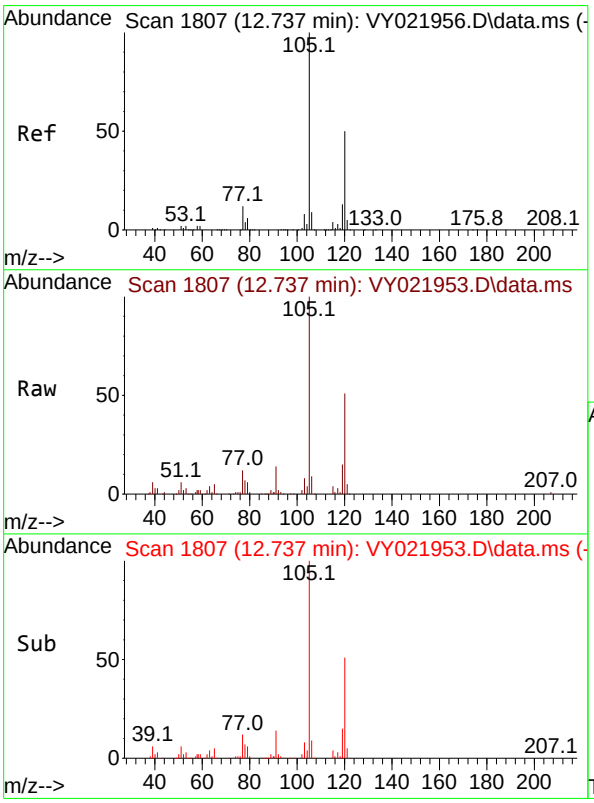
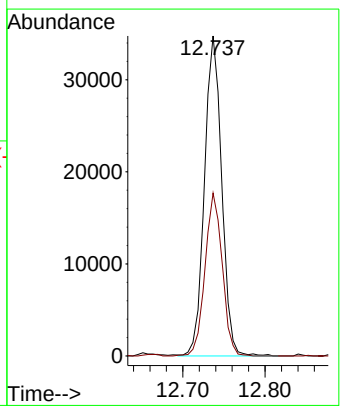
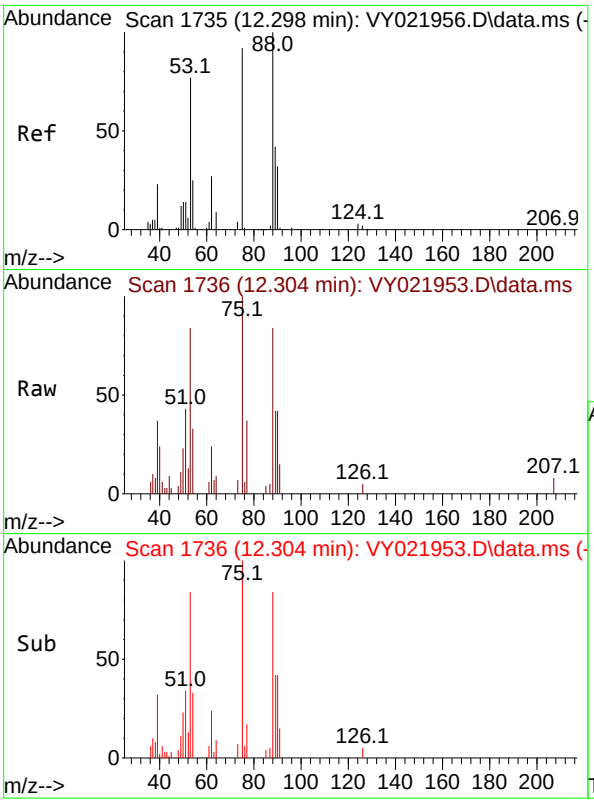


#80
1,3,5-Trimethylbenzene
Concen: 4.481 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:105 Resp: 50699

Ion	Ratio	Lower	Upper
105	100		
120	50.7	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 5.191 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

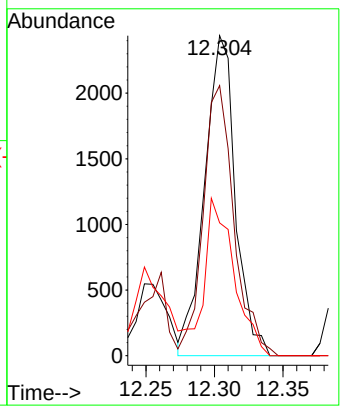
Tgt Ion: 75 Resp: 379

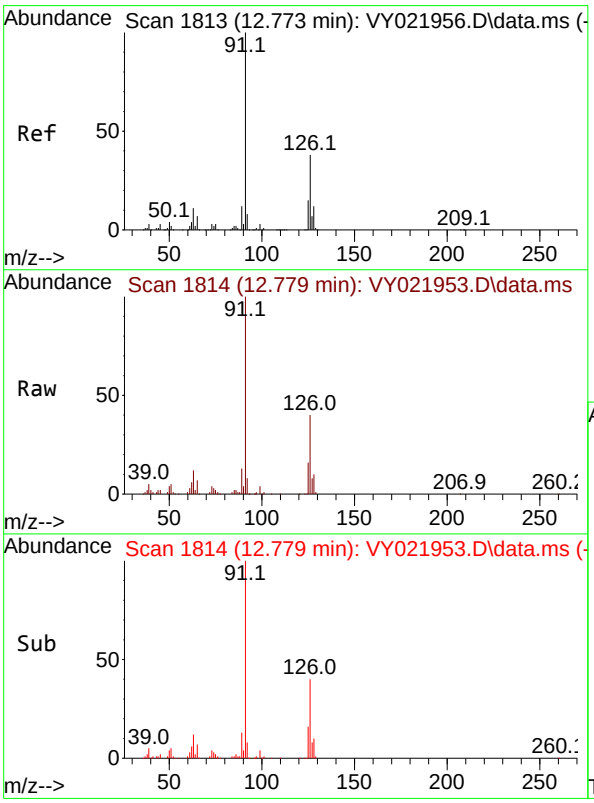
Ion	Ratio	Lower	Upper
75	100		
53	84.6	66.0	99.0
89	46.9	37.2	55.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

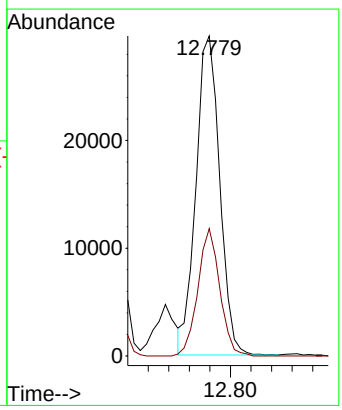


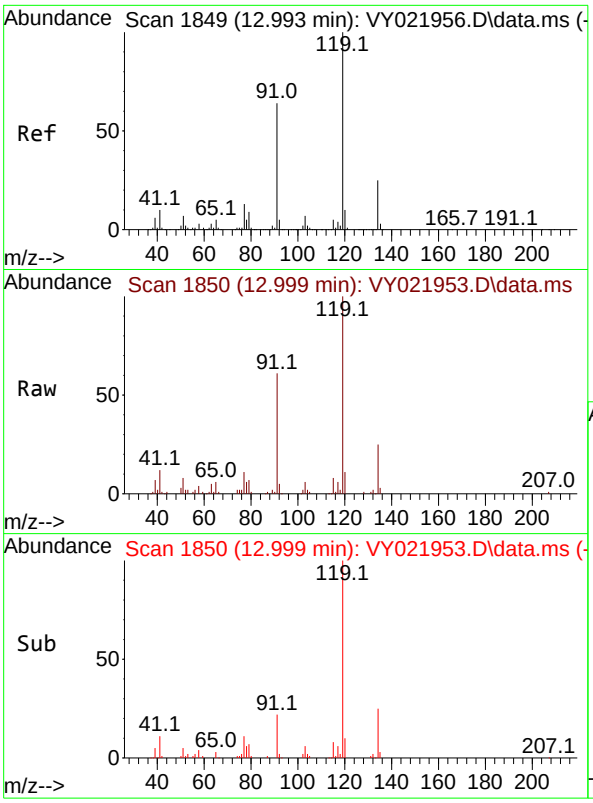


#82
4-Chlorotoluene
Concen: 4.809 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 91 Resp: 47541

Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.9	53.8

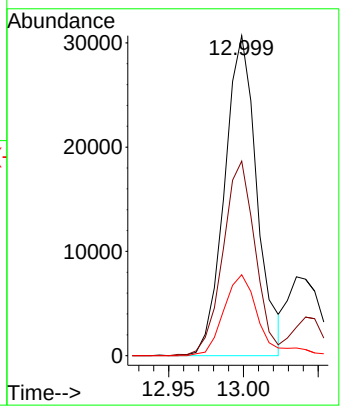




#83
tert-Butylbenzene
Concen: 4.550 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:119 Resp: 4617

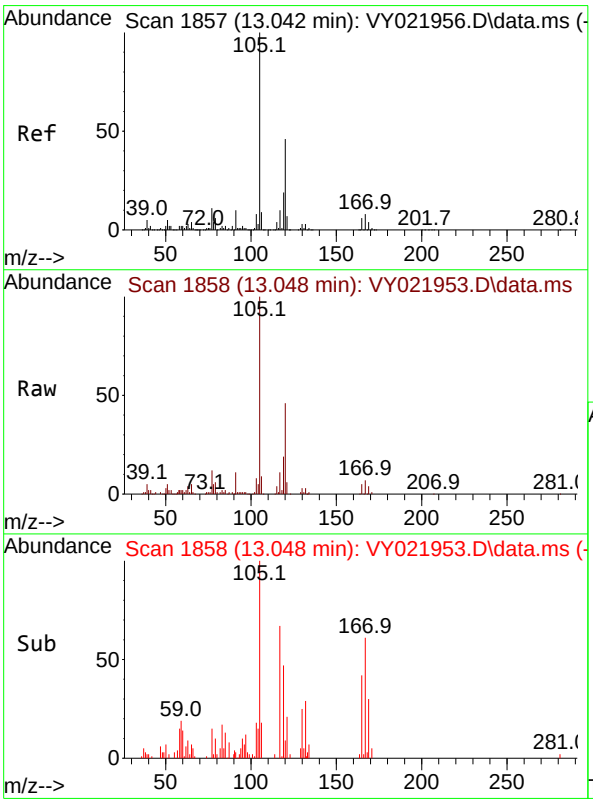
Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.3	90.9
134	27.5	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

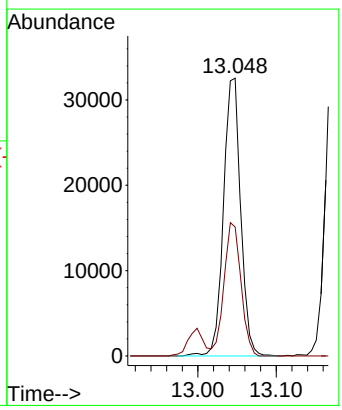
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

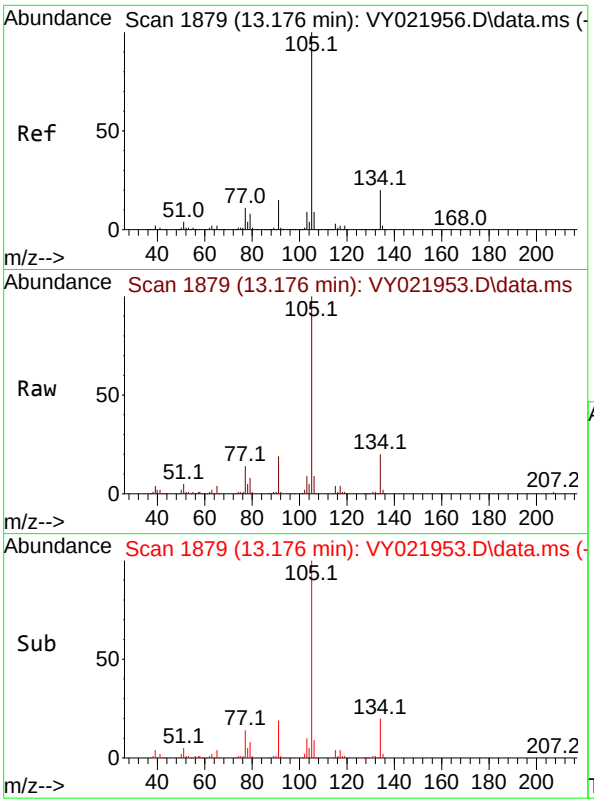


#84
1,2,4-Trimethylbenzene
Concen: 4.387 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:105 Resp: 49642

Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.4	70.0

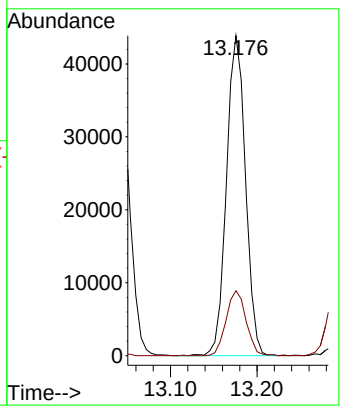




#85
sec-Butylbenzene
Concen: 4.504 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:105 Resp: 6687

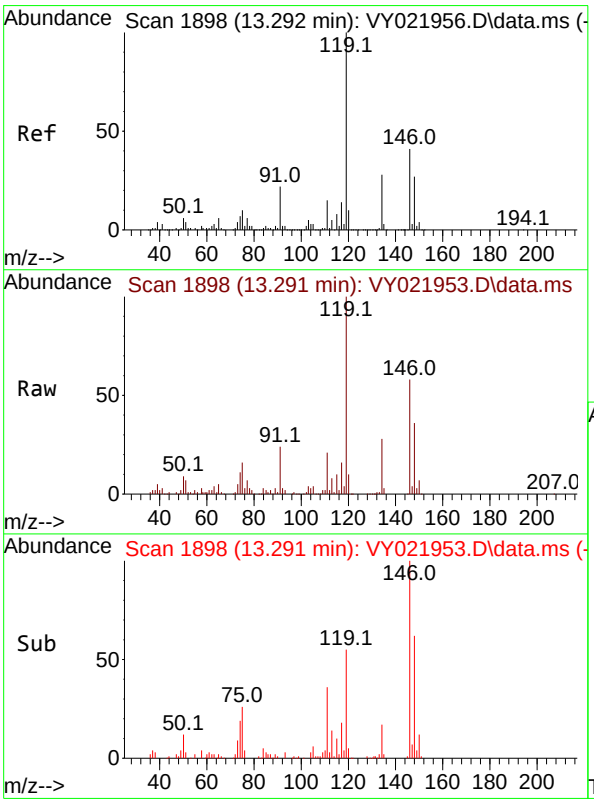
Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

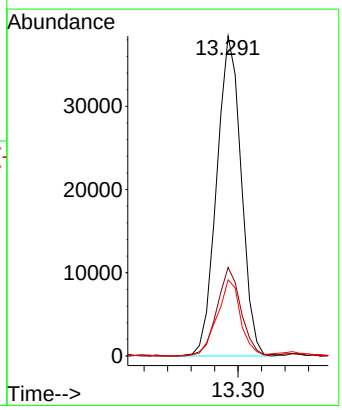
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

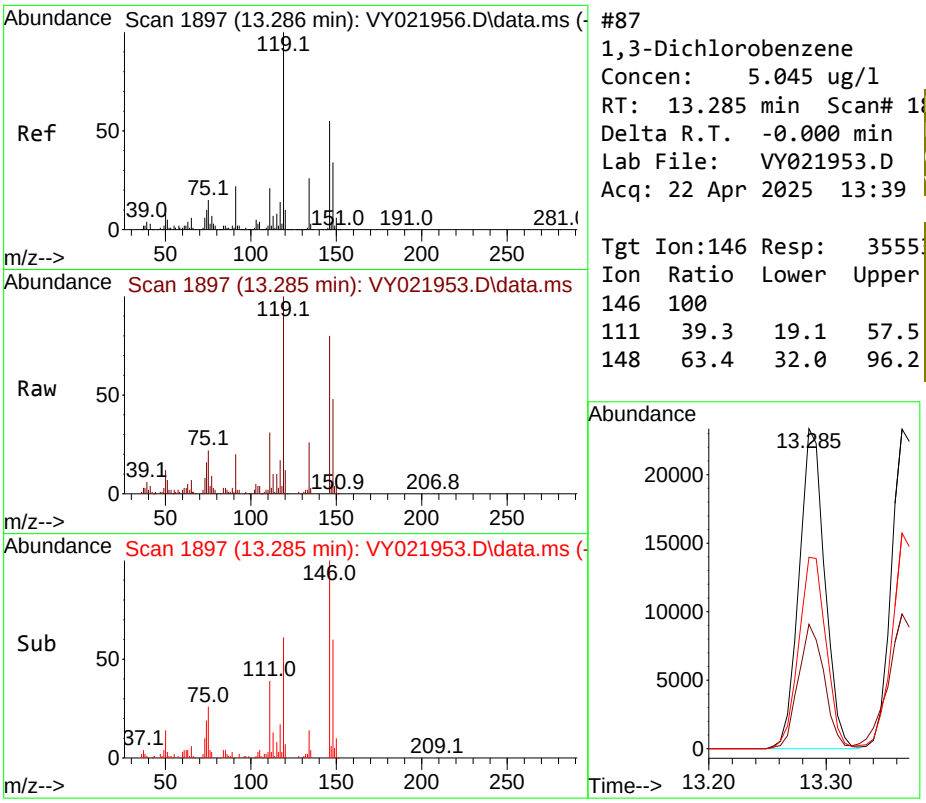


#86
p-Isopropyltoluene
Concen: 4.430 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:119 Resp: 55850

Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.8	11.0	33.0





#87
1,3-Dichlorobenzene
Concen: 5.045 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

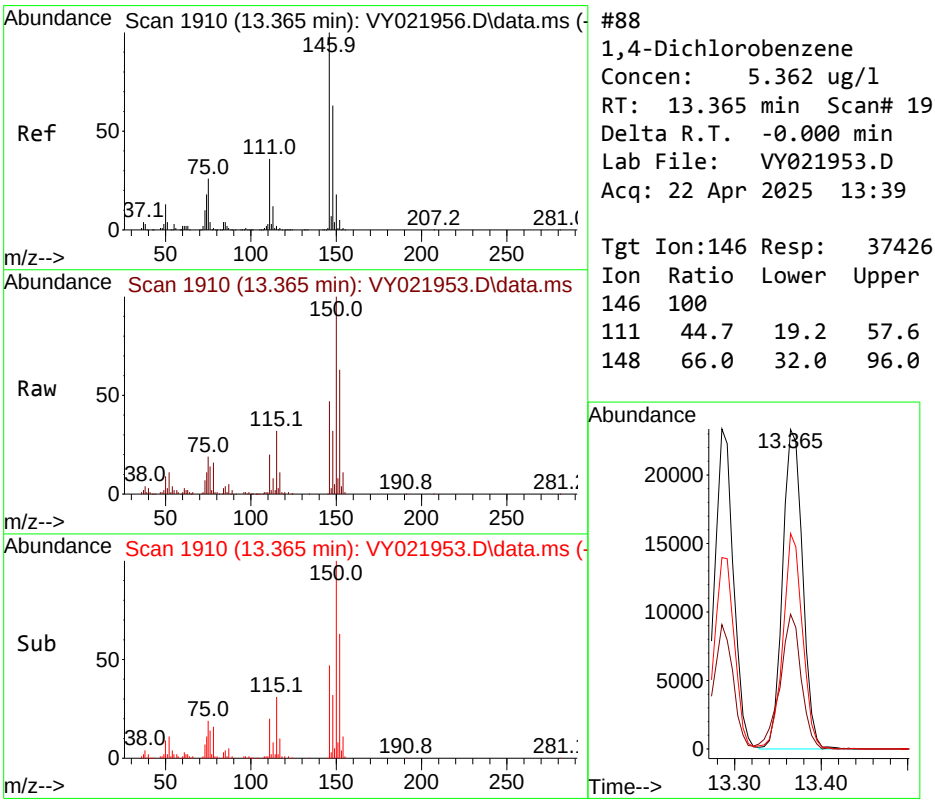
Tgt Ion:146 Resp: 3555

Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.5
148	63.4	32.0	96.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

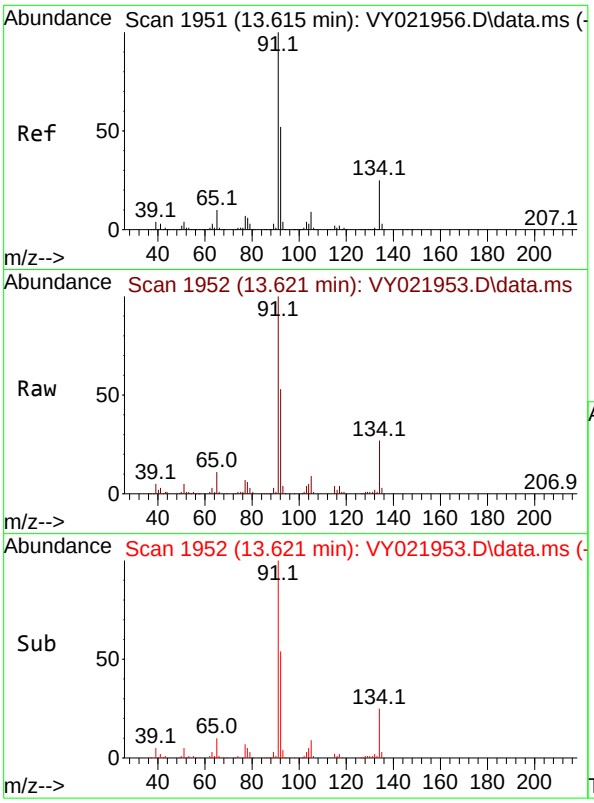
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#88
1,4-Dichlorobenzene
Concen: 5.362 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:146 Resp: 37426

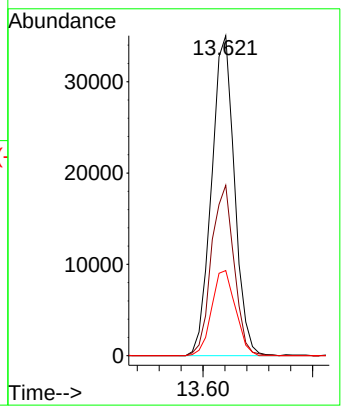
Ion	Ratio	Lower	Upper
146	100		
111	44.7	19.2	57.6
148	66.0	32.0	96.0



#89
n-Butylbenzene
Concen: 4.518 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 91 Resp: 5091

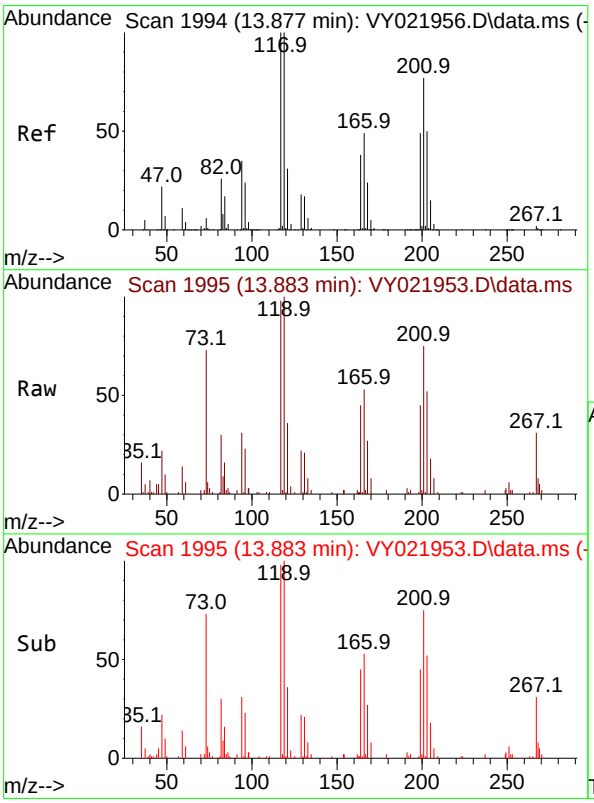
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.5
134	27.7	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

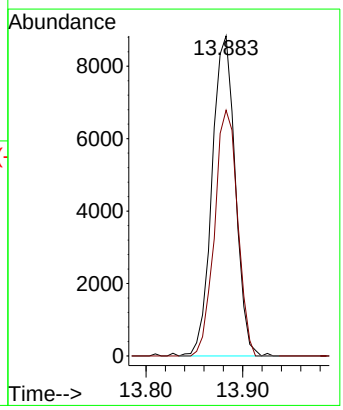
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

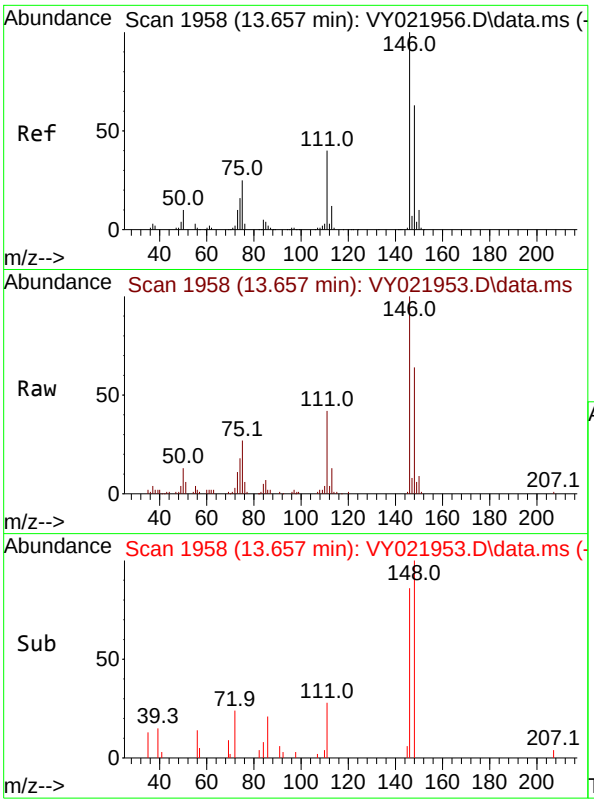


#90
Hexachloroethane
Concen: 5.308 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:117 Resp: 14703

Ion	Ratio	Lower	Upper
117	100		
201	76.1	38.7	116.1

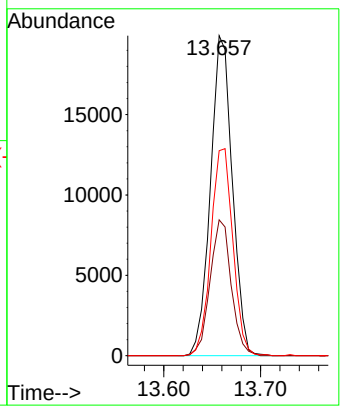




#91
1,2-Dichlorobenzene
Concen: 5.092 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:146 Resp: 3129

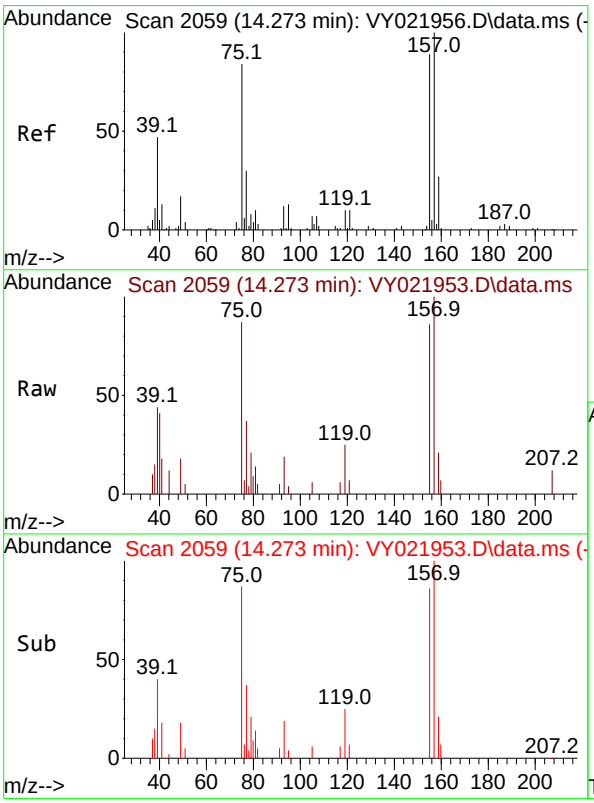
Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.7	59.1
148	64.9	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

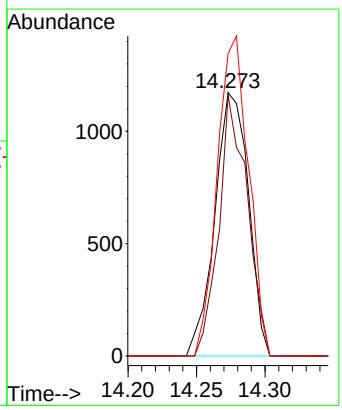
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

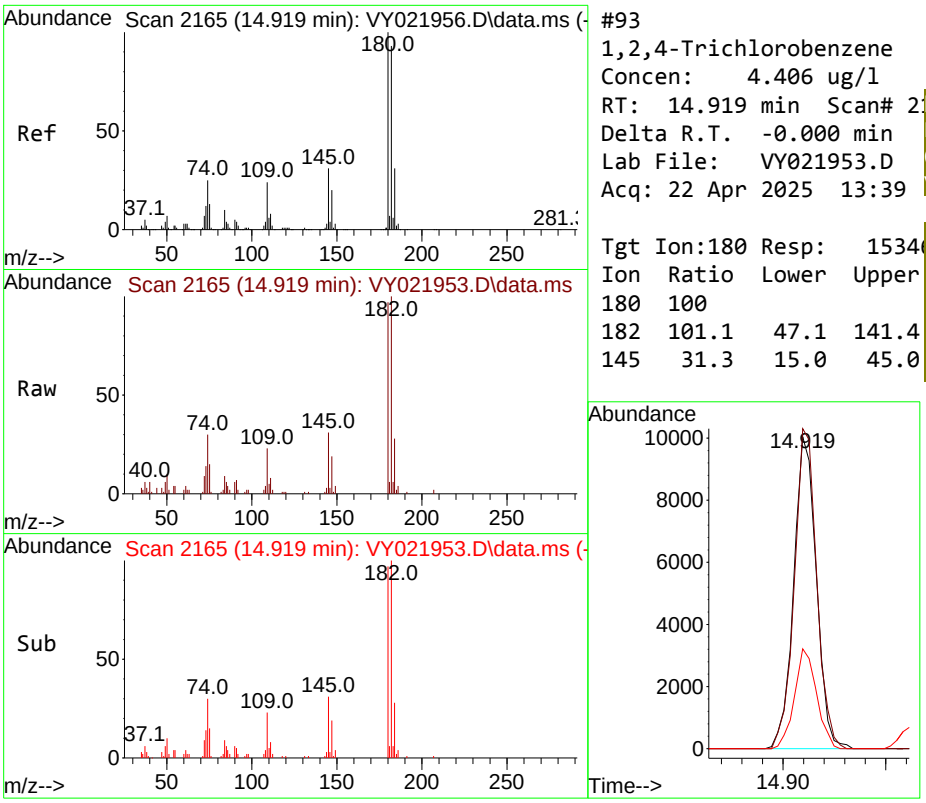


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.430 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion: 75 Resp: 2000

Ion	Ratio	Lower	Upper
75	100		
155	83.8	50.7	152.3
157	113.1	62.6	187.8





#93
1,2,4-Trichlorobenzene
Concen: 4.406 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

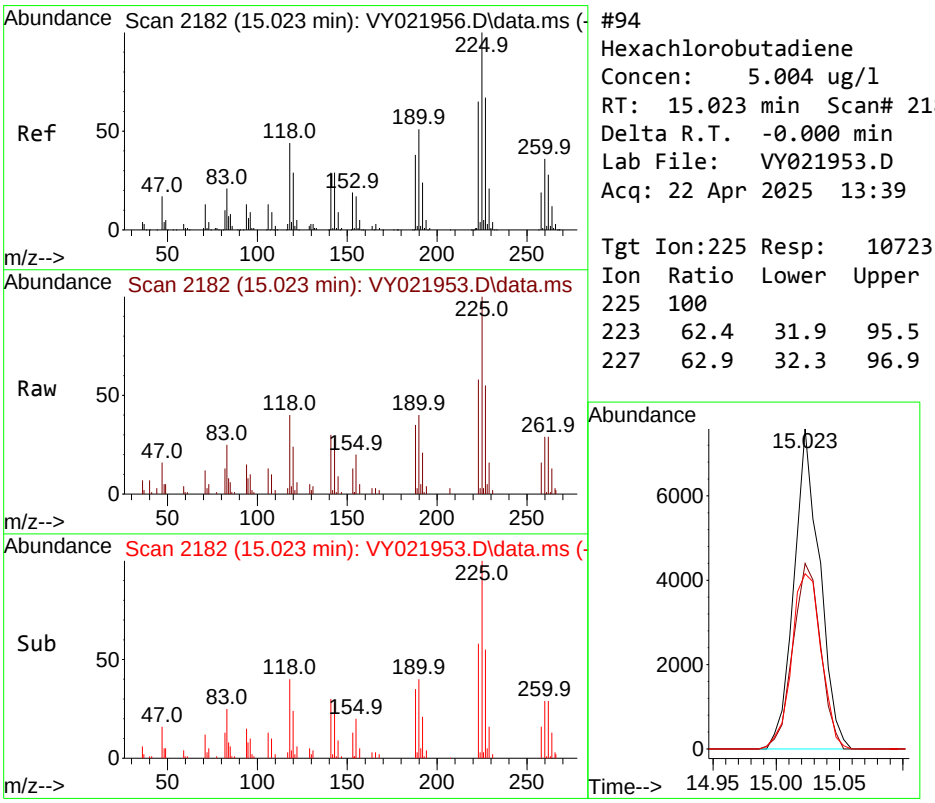
Tgt Ion:180 Resp: 1534

Ion	Ratio	Lower	Upper
180	100		
182	101.1	47.1	141.4
145	31.3	15.0	45.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

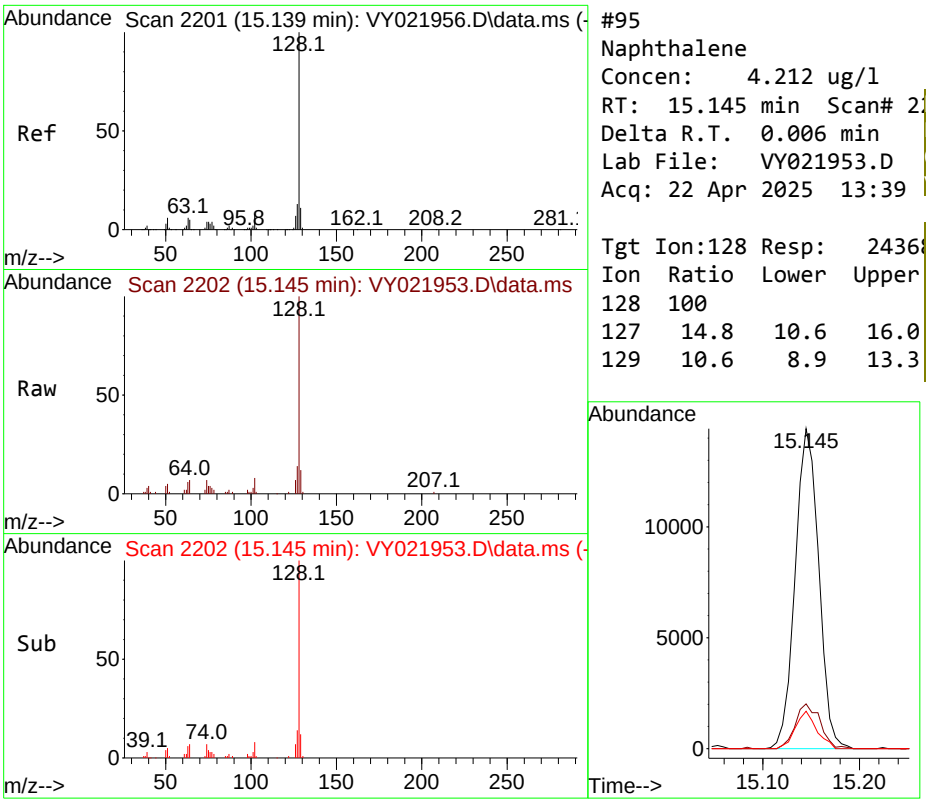
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#94
Hexachlorobutadiene
Concen: 5.004 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:225 Resp: 10723

Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.5
227	62.9	32.3	96.9



#95
Naphthalene
Concen: 4.212 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

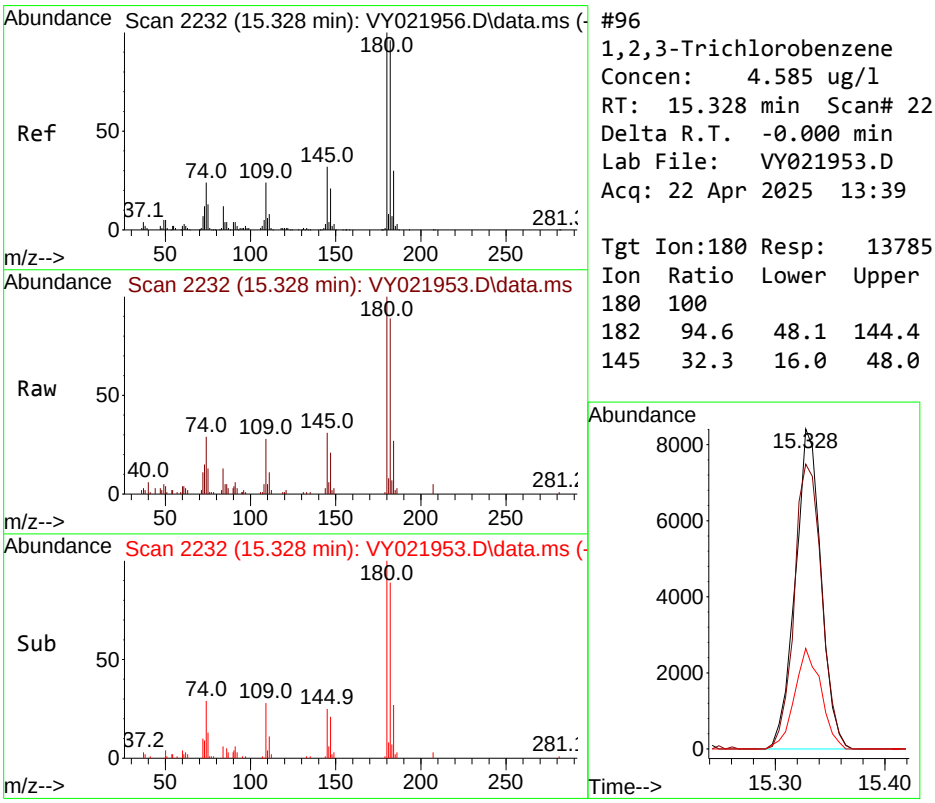
Tgt Ion:128 Resp: 2436

Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.6	16.0
129	10.6	8.9	13.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.585 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY021953.D
Acq: 22 Apr 2025 13:39

Tgt Ion:180 Resp: 13785

Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.1	144.4
145	32.3	16.0	48.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021954.D
Acq On : 22 Apr 2025 14:44
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:08:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	292096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	462235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	418471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	217358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	27856	10.325	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.640%#		
35) Dibromofluoromethane	7.634	113	31560	10.335	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.660%#		
50) Toluene-d8	10.103	98	116480	10.118	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	20.240%#		
62) 4-Bromofluorobenzene	12.407	95	39704	10.244	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	20.480%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	27882	11.202	ug/l	95
3) Chloromethane	2.068	50	39169	11.052	ug/l	91
4) Vinyl Chloride	2.202	62	48475	11.131	ug/l	98
5) Bromomethane	2.598	94	40742	10.859	ug/l	98
6) Chloroethane	2.732	64	32122	10.830	ug/l	95
7) Trichlorofluoromethane	3.055	101	62819	10.939	ug/l	94
8) Diethyl Ether	3.452	74	15517	10.381	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	34542	11.088	ug/l	99
10) Methyl Iodide	4.000	142	36146	10.021	ug/l	99
11) Tert butyl alcohol	4.866	59	7087	47.846	ug/l	95
12) 1,1-Dichloroethene	3.787	96	31073	10.701	ug/l	94
13) Acrolein	3.647	56	13091	49.243	ug/l	96
14) Allyl chloride	4.378	41	35457	10.487	ug/l	97
15) Acrylonitrile	5.055	53	26314	48.088	ug/l	96
16) Acetone	3.872	43	24497	52.492	ug/l	99
17) Carbon Disulfide	4.104	76	101496	10.962	ug/l	96
18) Methyl Acetate	4.378	43	11687	9.273	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	62306	9.587	ug/l	96
20) Methylene Chloride	4.610	84	36539	10.710	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	33752	10.379	ug/l	97
22) Diisopropyl ether	6.012	45	75451	10.028	ug/l	94
23) Vinyl Acetate	5.957	43	199753	49.260	ug/l	99
24) 1,1-Dichloroethane	5.915	63	55067	10.558	ug/l	97
25) 2-Butanone	6.890	43	31349	50.973	ug/l	100
26) 2,2-Dichloropropane	6.884	77	48501	10.610	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	37281	10.253	ug/l	99
28) Bromochloromethane	7.238	49	21122	10.426	ug/l	99
29) Tetrahydrofuran	7.262	42	18883	47.274	ug/l	100
30) Chloroform	7.414	83	61088	10.559	ug/l	99
31) Cyclohexane	7.701	56	50083	11.229	ug/l #	96
32) 1,1,1-Trichloroethane	7.616	97	55163	10.540	ug/l	97
36) 1,1-Dichloropropene	7.835	75	43496	10.604	ug/l	98
37) Ethyl Acetate	6.982	43	14895m	10.248	ug/l	
38) Carbon Tetrachloride	7.817	117	52079	10.625	ug/l	100
39) Methylcyclohexane	9.109	83	52625	10.194	ug/l	95
40) Benzene	8.079	78	133010	10.373	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021954.D
Acq On : 22 Apr 2025 14:44
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 23 02:08:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.225	41	7906m	9.813	ug/l		
42) 1,2-Dichloroethane	8.152	62	33939	10.690	ug/l		99
43) Isopropyl Acetate	8.195	43	27087	9.574	ug/l		98
44) Trichloroethene	8.865	130	37414	10.534	ug/l		91
45) 1,2-Dichloropropane	9.140	63	29327	10.342	ug/l		98
46) Dibromomethane	9.231	93	17848	10.055	ug/l		98
47) Bromodichloromethane	9.420	83	46552	10.498	ug/l		97
48) Methyl methacrylate	9.219	41	12035	9.202	ug/l		97
49) 1,4-Dioxane	9.231	88	3781	199.843	ug/l	#	96
51) 4-Methyl-2-Pentanone	9.999	43	68951	46.490	ug/l		98
52) Toluene	10.170	92	84571	10.189	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	37699	9.911	ug/l		94
54) cis-1,3-Dichloropropene	9.859	75	45133	9.982	ug/l		95
55) 1,1,2-Trichloroethane	10.572	97	24166	10.192	ug/l		98
56) Ethyl methacrylate	10.438	69	23924	8.823	ug/l		98
57) 1,3-Dichloropropane	10.719	76	38787	10.204	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.707	63	55900	42.164	ug/l		98
59) 2-Hexanone	10.761	43	44419	45.407	ug/l		97
60) Dibromochloromethane	10.914	129	32807	9.994	ug/l		99
61) 1,2-Dibromoethane	11.011	107	22427	10.019	ug/l		99
64) Tetrachloroethene	10.646	164	43205	10.944	ug/l		99
65) Chlorobenzene	11.444	112	96442	10.306	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	34237	10.392	ug/l		99
67) Ethyl Benzene	11.517	91	153977	10.058	ug/l		96
68) m/p-Xylenes	11.627	106	120544	19.789	ug/l		100
69) o-Xylene	11.956	106	53458	9.521	ug/l		98
70) Styrene	11.969	104	90382	9.588	ug/l		99
71) Bromoform	12.133	173	18480	9.648	ug/l	#	99
73) Isopropylbenzene	12.255	105	144167	9.928	ug/l		100
74) N-amyl acetate	12.072	43	23058	9.242	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	24413	9.971	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	19328m	10.092	ug/l		
77) Bromobenzene	12.529	156	36127	9.845	ug/l		97
78) n-propylbenzene	12.596	91	173723	10.045	ug/l		98
79) 2-Chlorotoluene	12.682	91	101855	10.127	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	119871	10.018	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	7556	9.773	ug/l		98
82) 4-Chlorotoluene	12.779	91	108734	10.400	ug/l		100
83) tert-Butylbenzene	12.999	119	103541	9.649	ug/l		96
84) 1,2,4-Trimethylbenzene	13.042	105	118119	9.870	ug/l		100
85) sec-Butylbenzene	13.176	105	161907	10.311	ug/l		100
86) p-Isopropyltoluene	13.291	119	131120	9.834	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	77538	10.404	ug/l		98
88) 1,4-Dichlorobenzene	13.365	146	75043	10.167	ug/l		98
89) n-Butylbenzene	13.621	91	121297	10.177	ug/l		99
90) Hexachloroethane	13.877	117	30881	10.541	ug/l		97
91) 1,2-Dichlorobenzene	13.657	146	66159	10.178	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3955	10.153	ug/l		83
93) 1,2,4-Trichlorobenzene	14.919	180	34793	9.446	ug/l		98
94) Hexachlorobutadiene	15.023	225	23698	10.457	ug/l		98
95) Naphthalene	15.145	128	48366	7.904	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	29276	9.207	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021954.D
Acq On : 22 Apr 2025 14:44
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:08:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021954.D
Acq On : 22 Apr 2025 14:44
Operator : SY/MD
Sample : VSTDICC010
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
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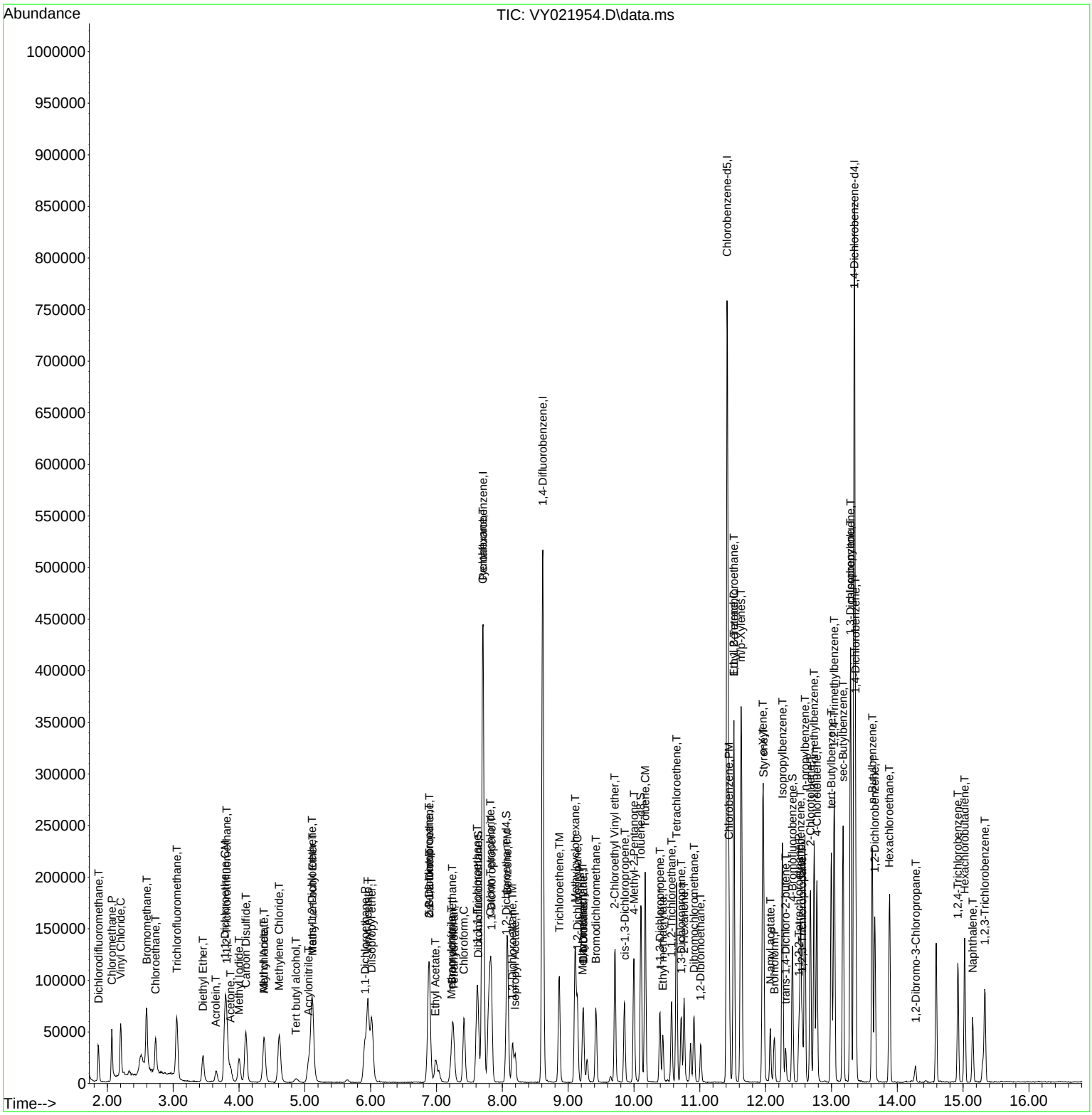

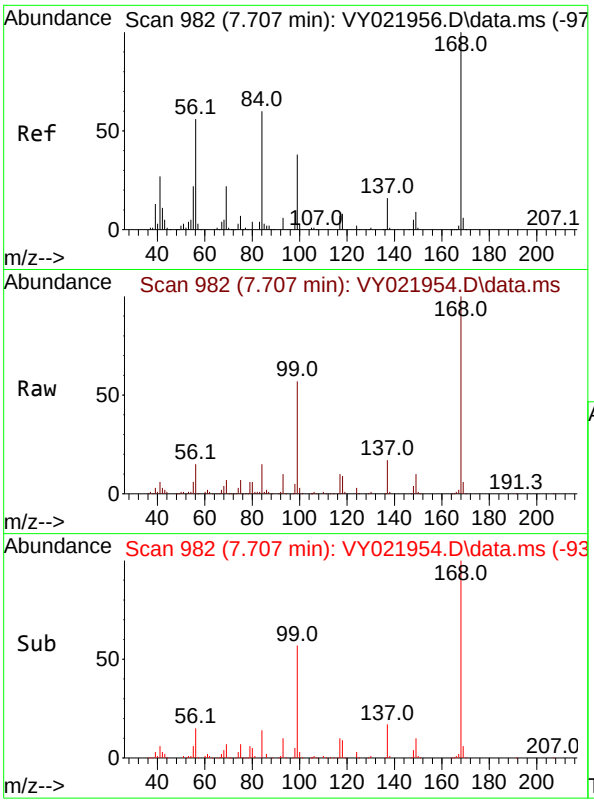

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:168 Resp: 29209

Ion	Ratio	Lower	Upper
168	100		
99	56.9	43.1	64.7

Instrument :
MSVOA_Y
ClientSampleId :
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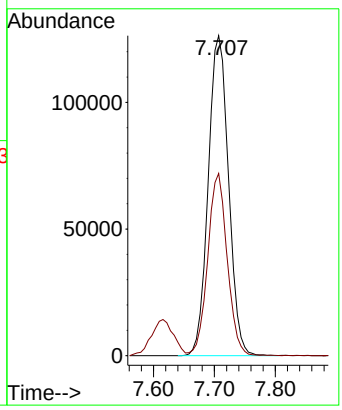
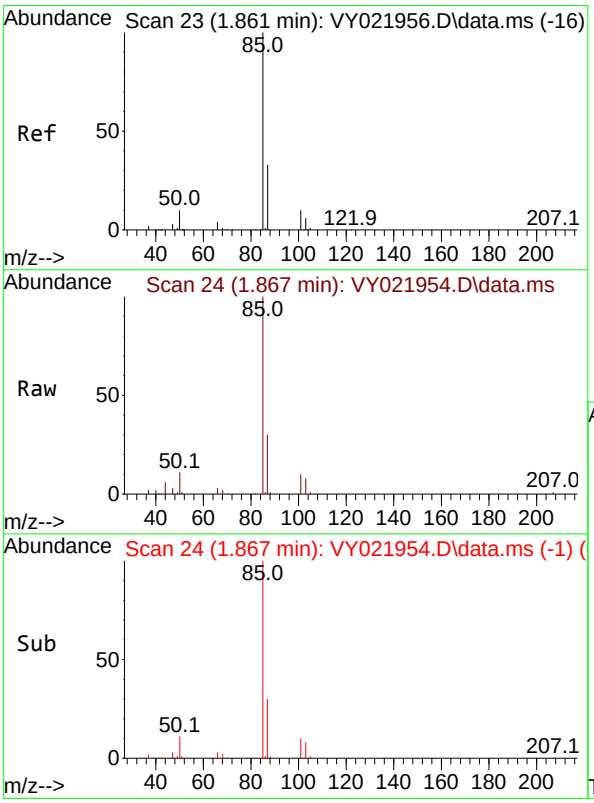
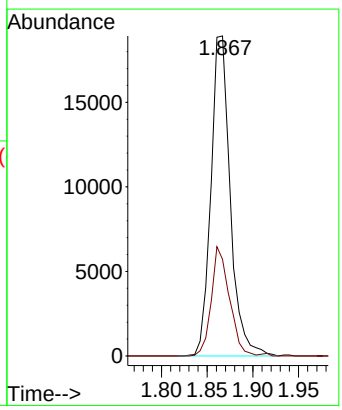


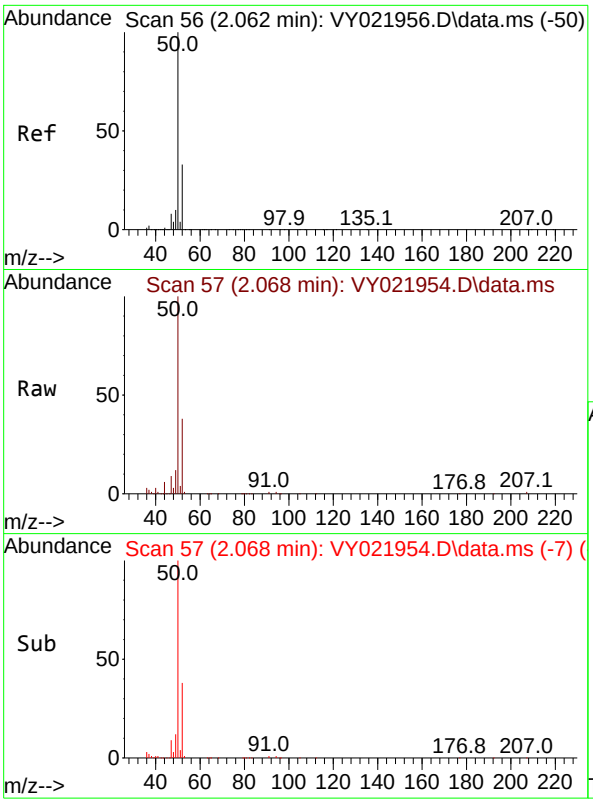


#2
Dichlorodifluoromethane
Concen: 11.202 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 85 Resp: 27882

Ion	Ratio	Lower	Upper
85	100		
87	30.2	16.6	49.7

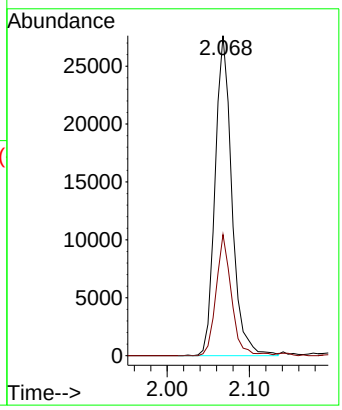




#3
Chloromethane
Concen: 11.052 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 50 Resp: 3916

Ion	Ratio	Lower	Upper
50	100		
52	37.8	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
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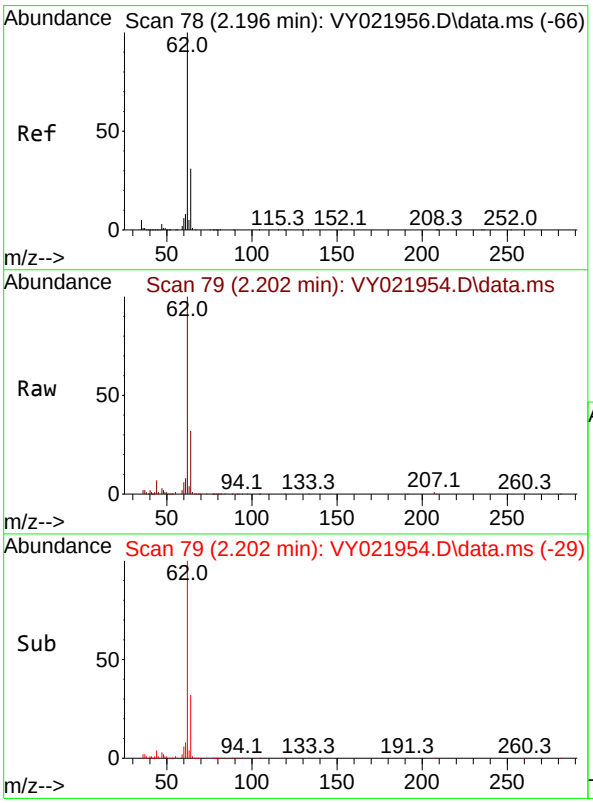
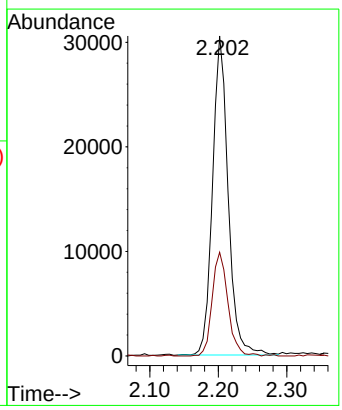
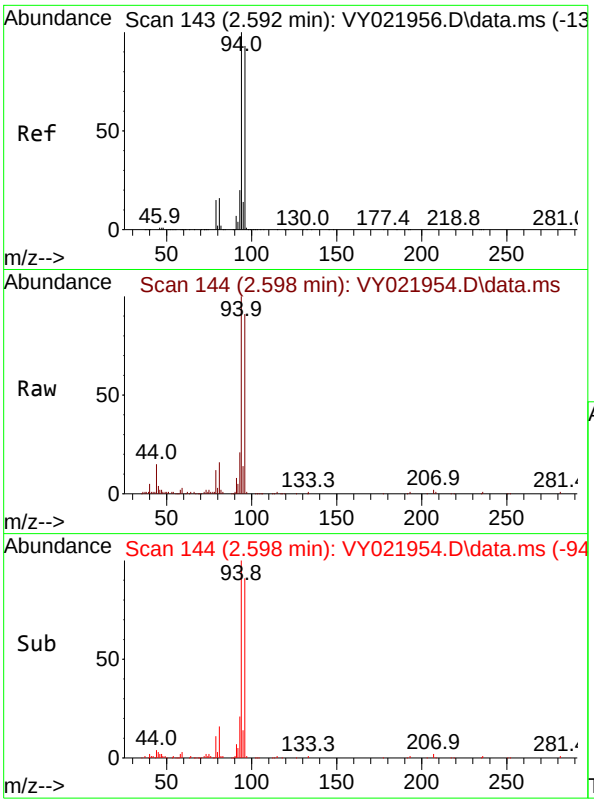


#4
Vinyl Chloride
Concen: 11.131 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 62 Resp: 48475

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.1	37.7

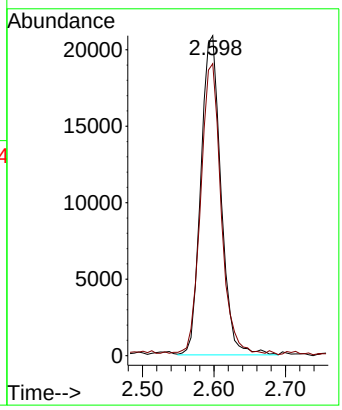




#5
Bromomethane
Concen: 10.859 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 94 Resp: 4074

Ion	Ratio	Lower	Upper
94	100		
96	91.1	74.6	111.8



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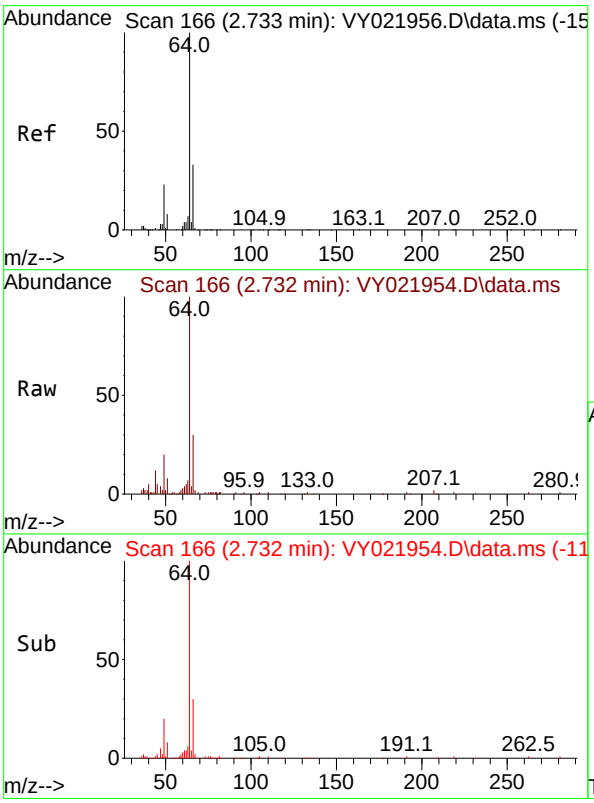
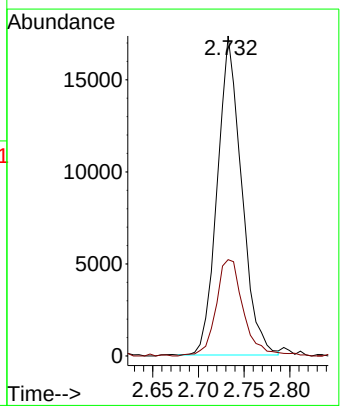
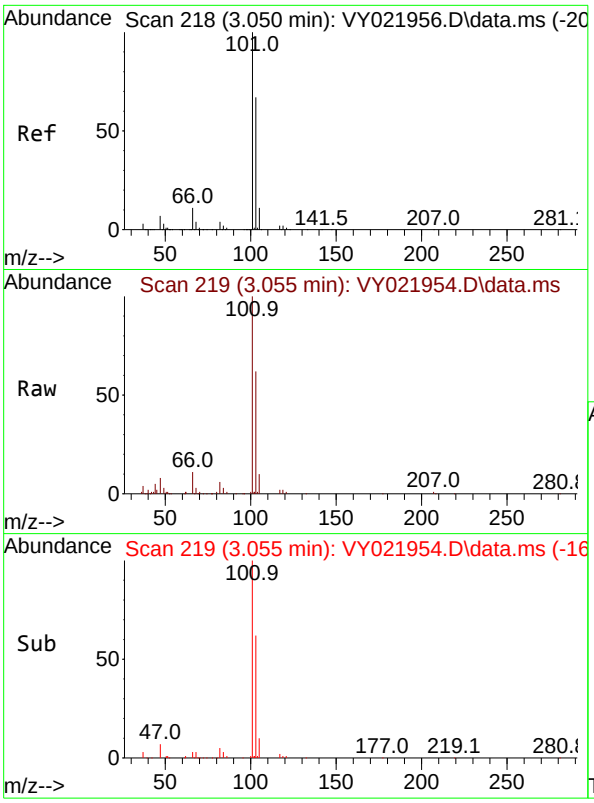


#6
Chloroethane
Concen: 10.830 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 64 Resp: 32122

Ion	Ratio	Lower	Upper
64	100		
66	30.2	26.2	39.4

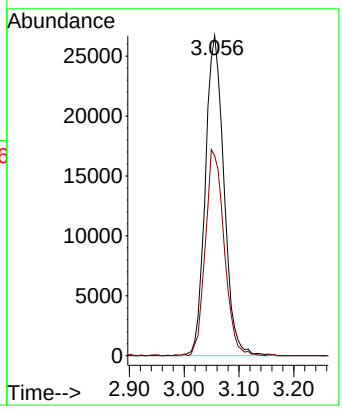




#7
Trichlorofluoromethane
Concen: 10.939 ug/l
RT: 3.055 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:101 Resp: 6281

Ion	Ratio	Lower	Upper
101	100		
103	62.4	53.6	80.4



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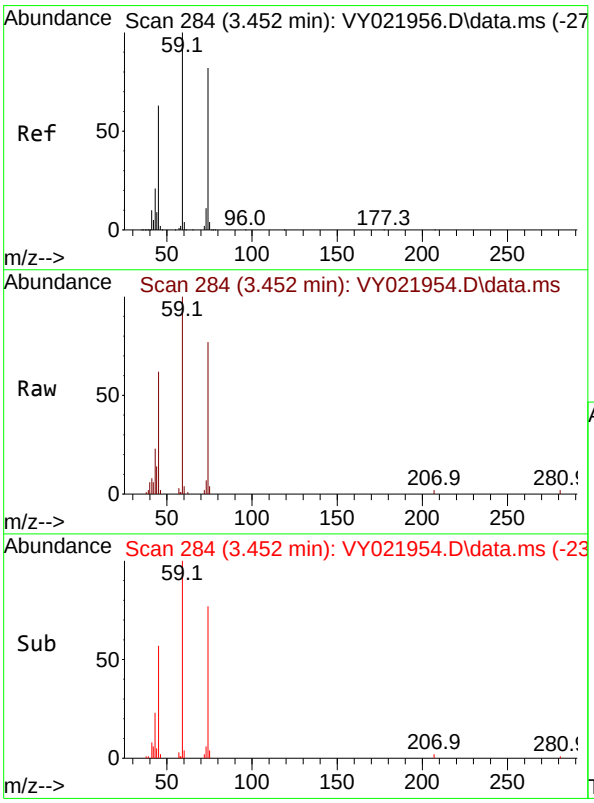
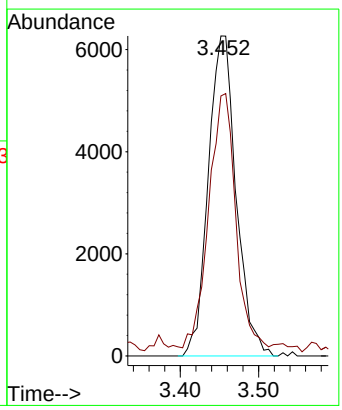
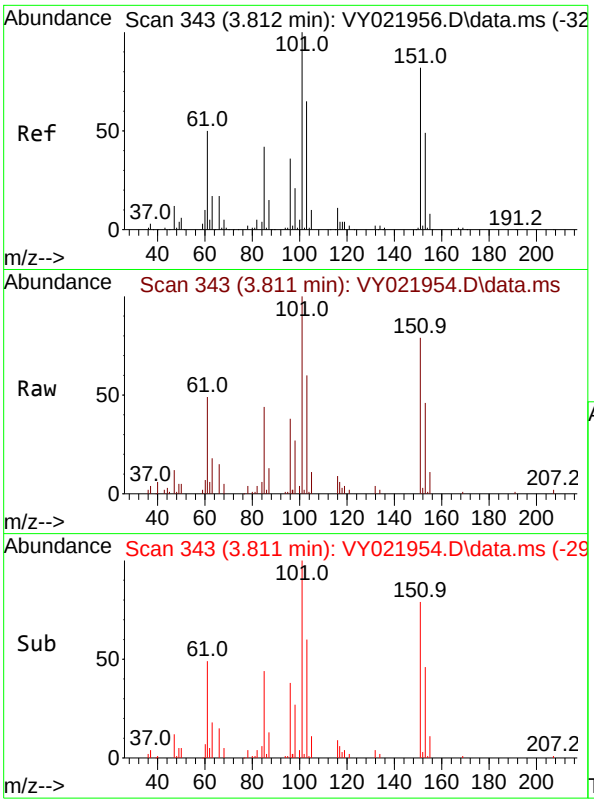


#8
Diethyl Ether
Concen: 10.381 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 74 Resp: 15517

Ion	Ratio	Lower	Upper
74	100		
45	76.1	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.088 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:101 Resp: 3454

Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.6	51.8
151	80.6	63.7	95.5

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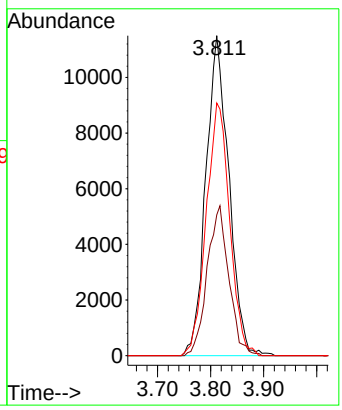
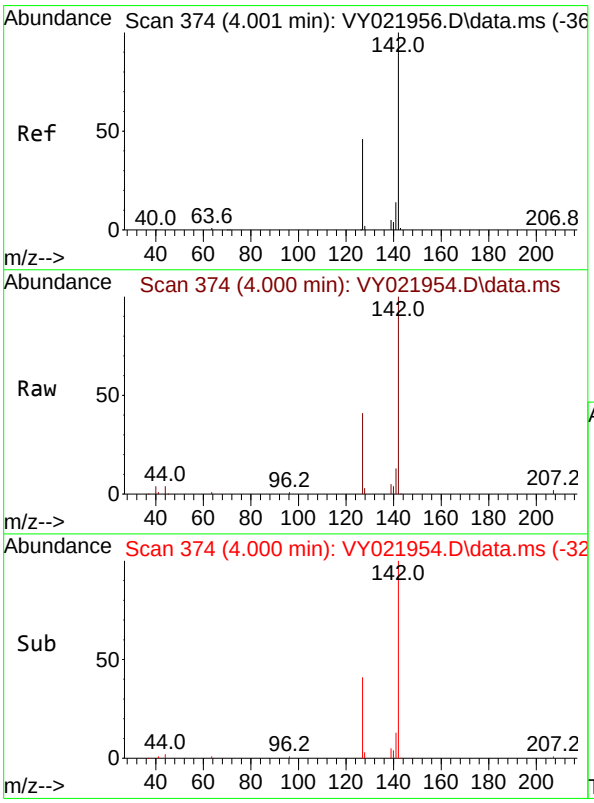
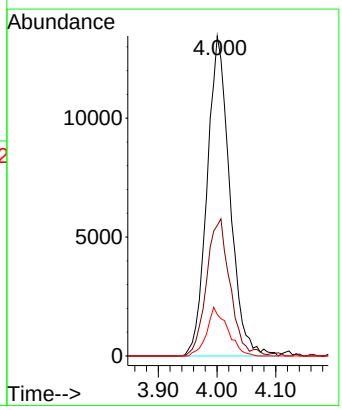


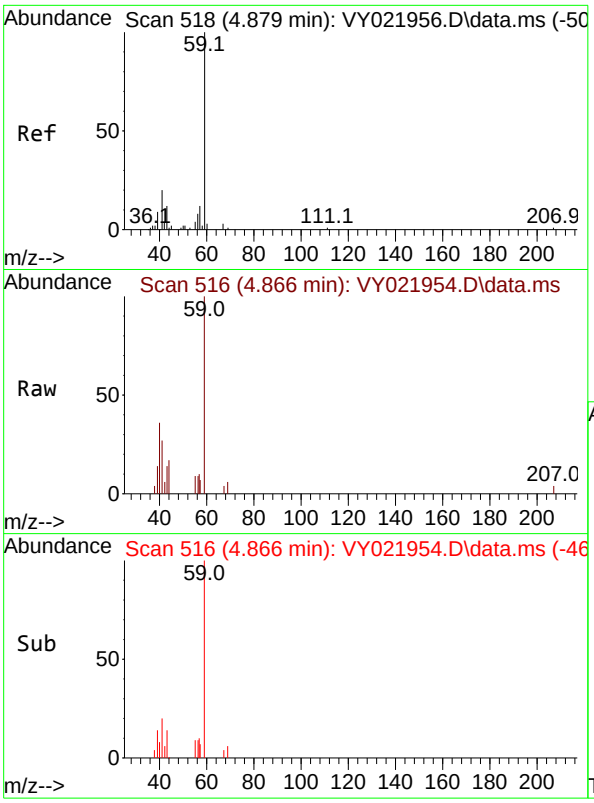


#10
Methyl Iodide
Concen: 10.021 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:142 Resp: 36146

Ion	Ratio	Lower	Upper
142	100		
127	44.3	36.2	54.2
141	14.0	11.7	17.5

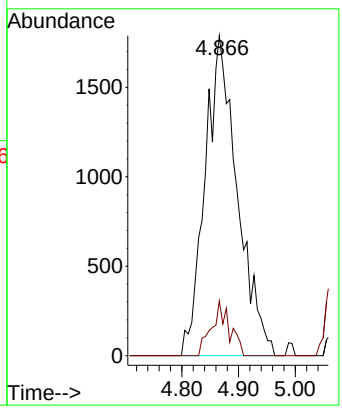




#11
Tert butyl alcohol
Concen: 47.846 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 59 Resp: 708

Ion	Ratio	Lower	Upper
59	100		
57	9.5	9.3	13.9



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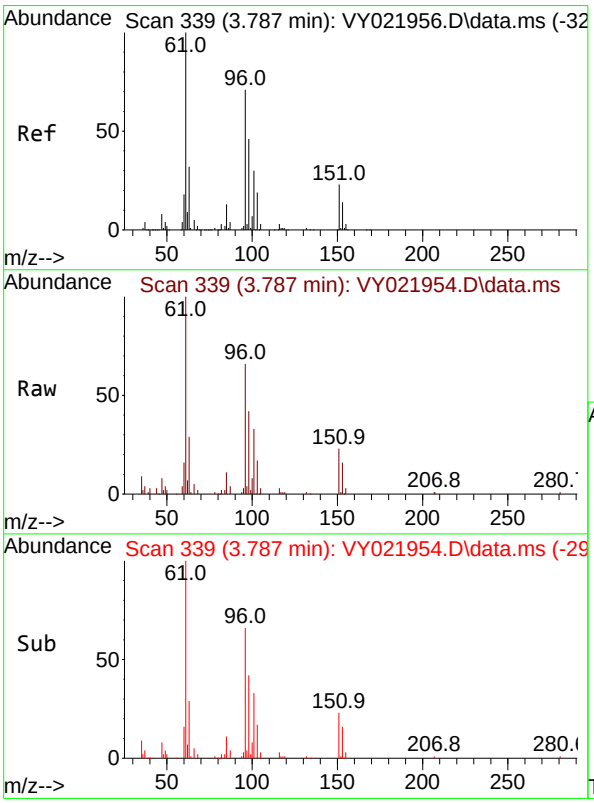
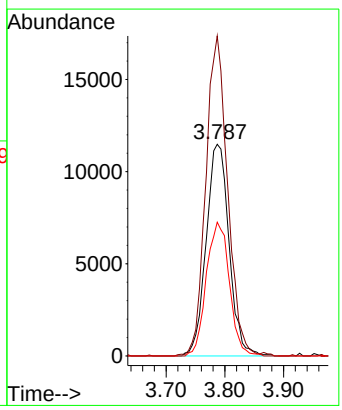
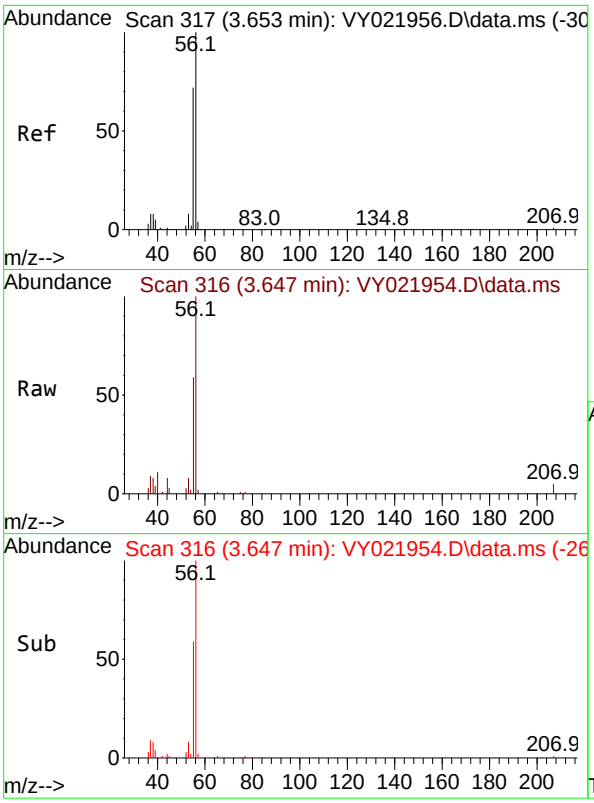


#12
1,1-Dichloroethene
Concen: 10.701 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 96 Resp: 31073

Ion	Ratio	Lower	Upper
96	100		
61	151.2	113.0	169.4
98	63.2	51.4	77.2

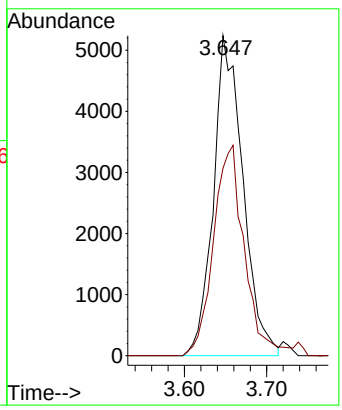




#13
Acrolein
Concen: 49.243 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 56 Resp: 1309

Ion	Ratio	Lower	Upper
56	100		
55	68.5	57.4	86.0



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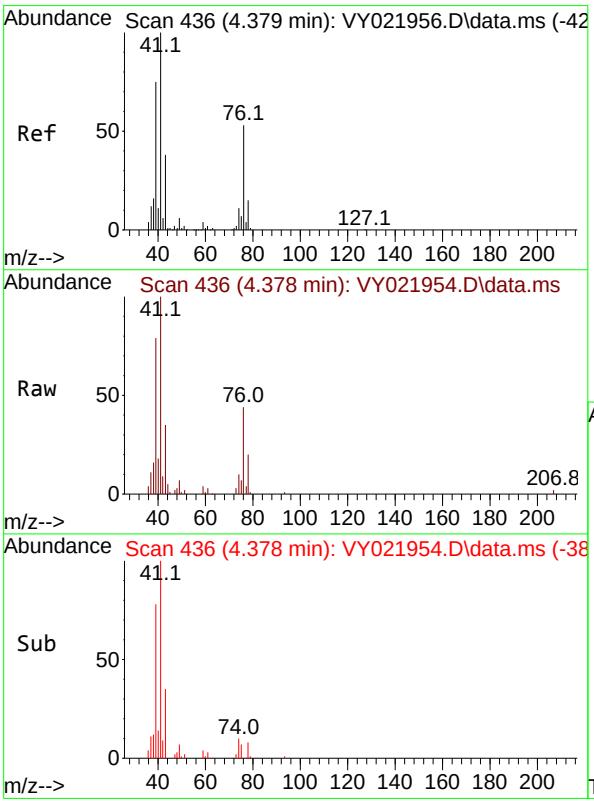
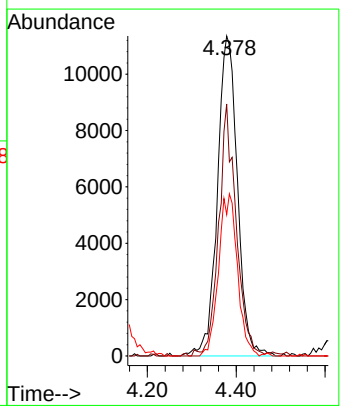
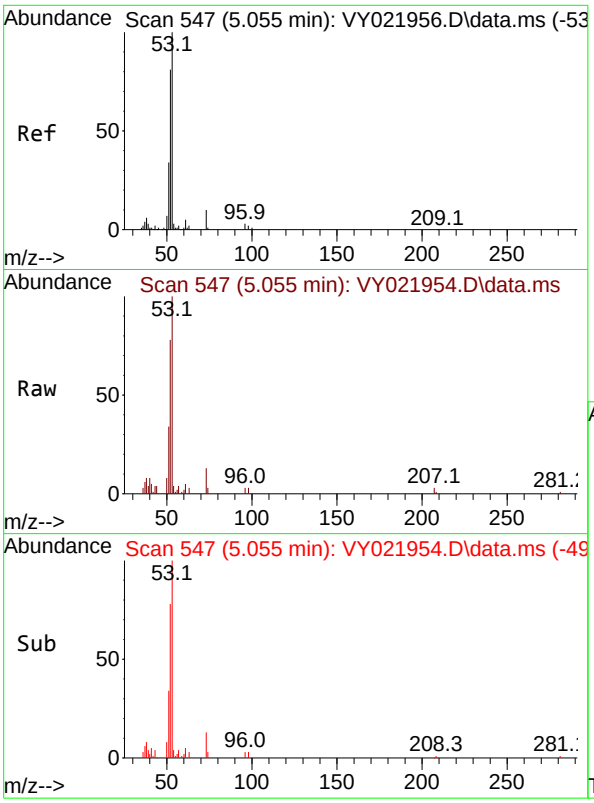


#14
Allyl chloride
Concen: 10.487 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 41 Resp: 35457

Ion	Ratio	Lower	Upper
41	100		
39	68.6	57.2	85.8
76	47.6	39.7	59.5





#15
Acrylonitrile
Concen: 48.088 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

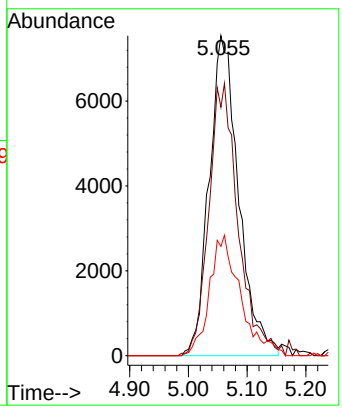
Tgt Ion: 53 Resp: 2631

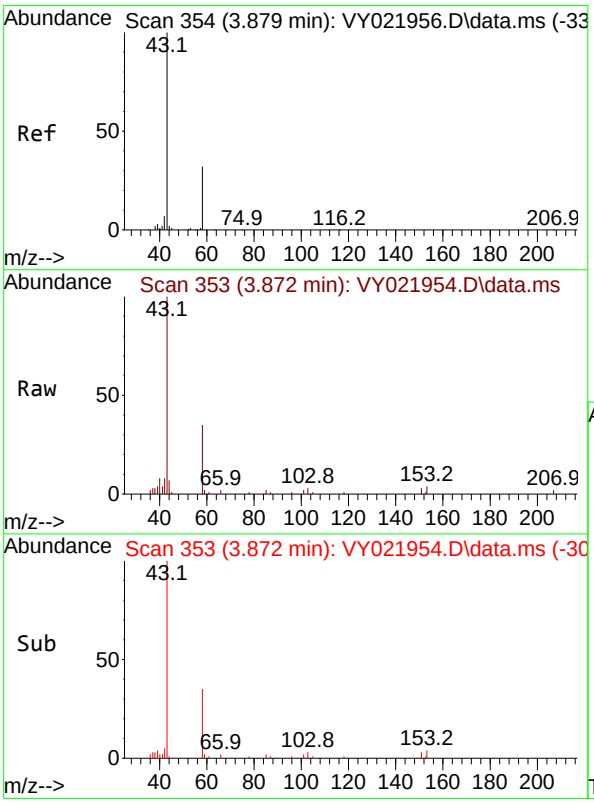
Ion	Ratio	Lower	Upper
53	100		
52	84.1	65.0	97.6
51	39.3	28.9	43.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

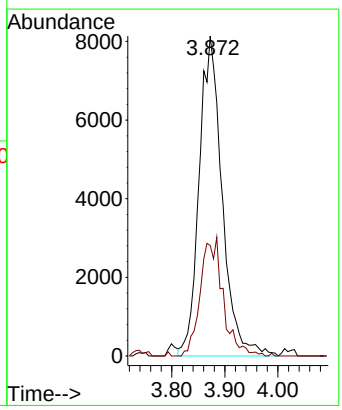


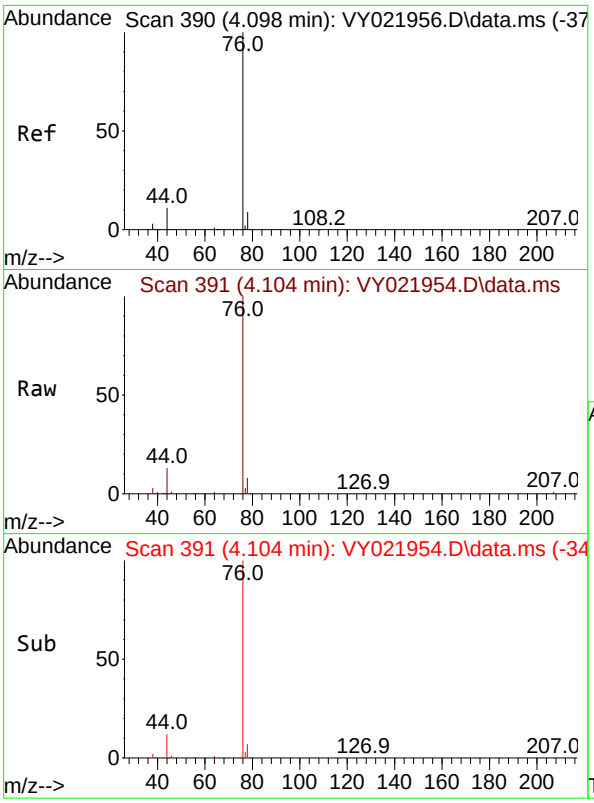


#16
Acetone
Concen: 52.492 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 24497

Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.0	40.4

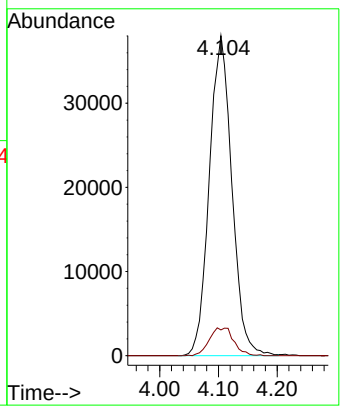




#17
Carbon Disulfide
Concen: 10.962 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 76 Resp: 10149

Ion	Ratio	Lower	Upper
76	100		
78	8.0	7.6	11.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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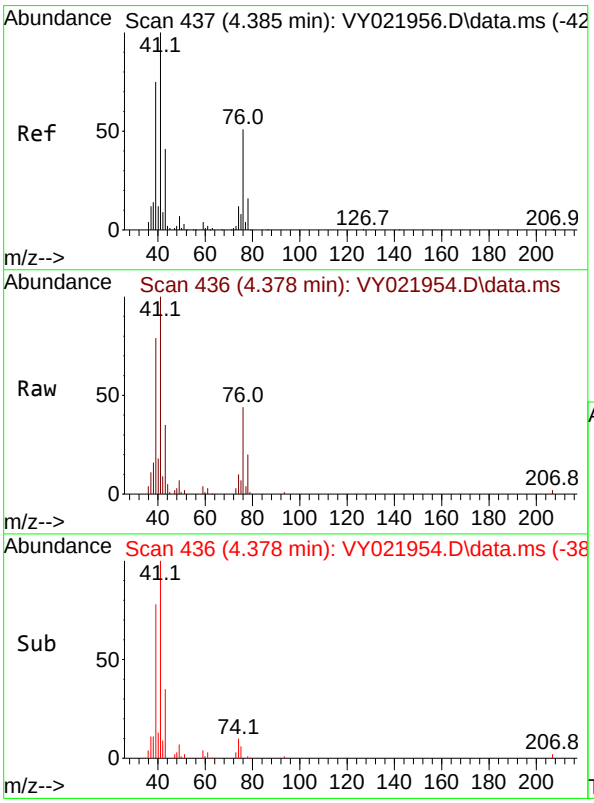
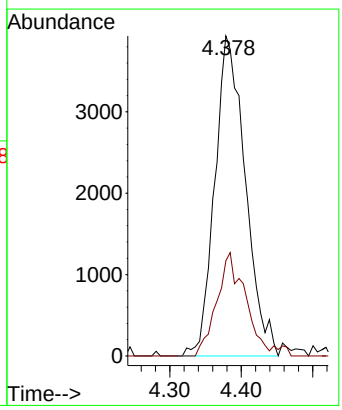
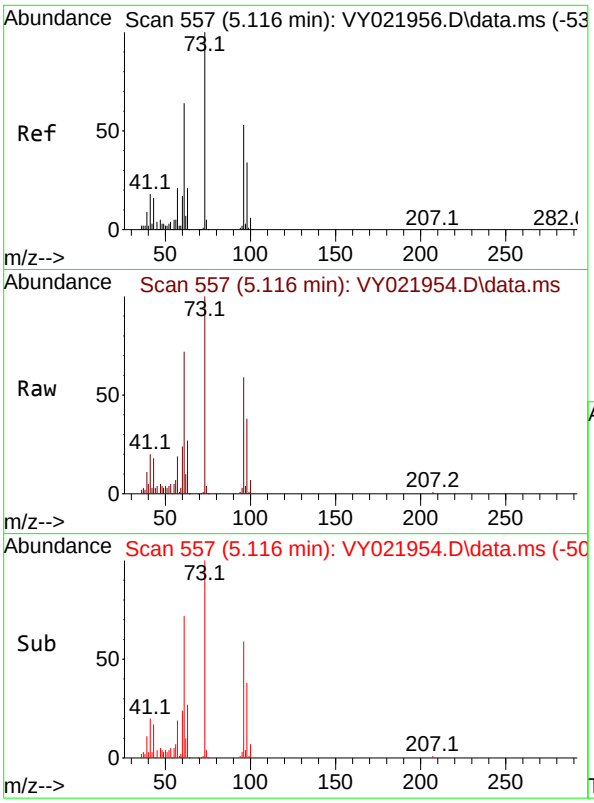


#18
Methyl Acetate
Concen: 9.273 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 11687

Ion	Ratio	Lower	Upper
43	100		
74	29.9	24.2	36.4

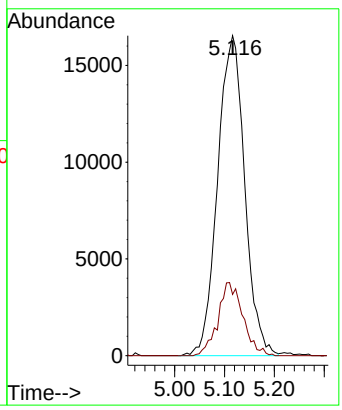




#19
Methyl tert-butyl Ether
Concen: 9.587 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 73 Resp: 6230

Ion	Ratio	Lower	Upper
73	100		
57	19.2	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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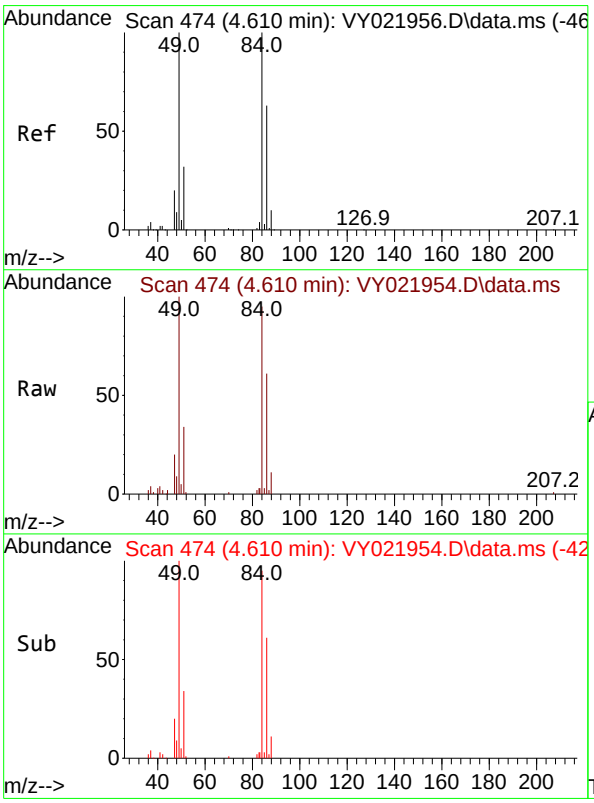
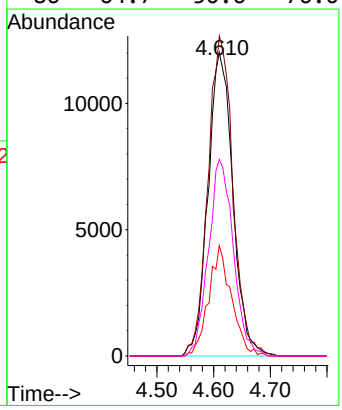
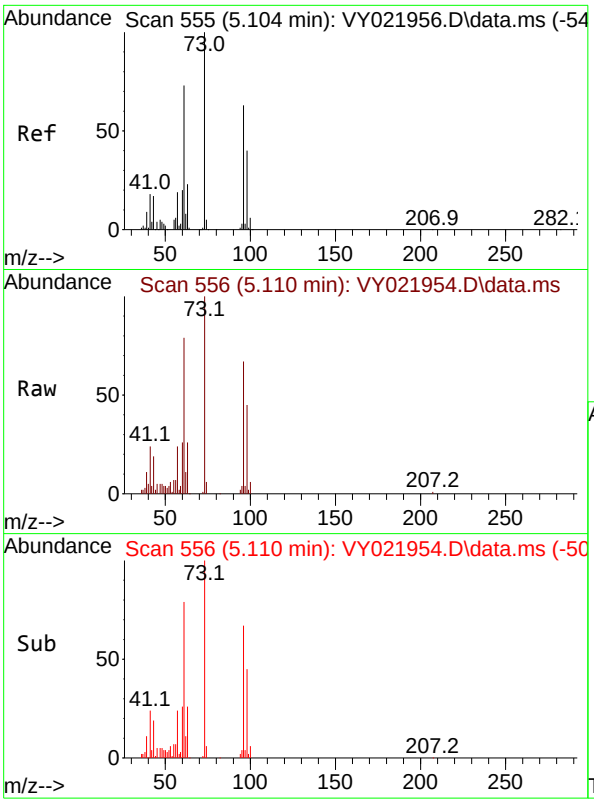


#20
Methylene Chloride
Concen: 10.710 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 84 Resp: 36539

Ion	Ratio	Lower	Upper
84	100		
49	105.4	79.9	119.9
51	36.3	25.4	38.0
86	64.7	50.6	76.0

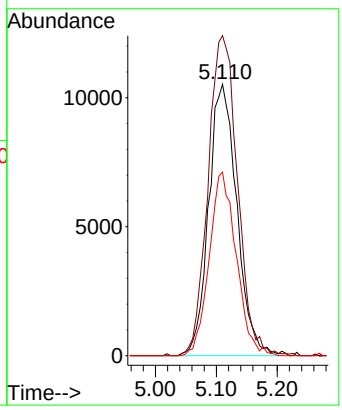




#21
trans-1,2-Dichloroethene
Concen: 10.379 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 96 Resp: 3375

Ion	Ratio	Lower	Upper
96	100		
61	117.9	92.6	138.8
98	67.6	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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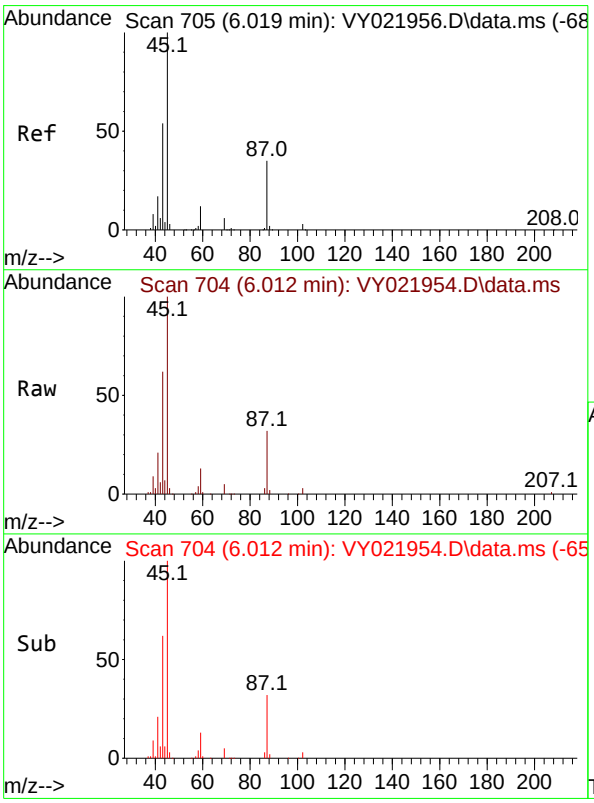
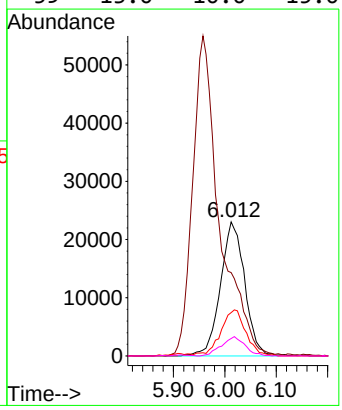
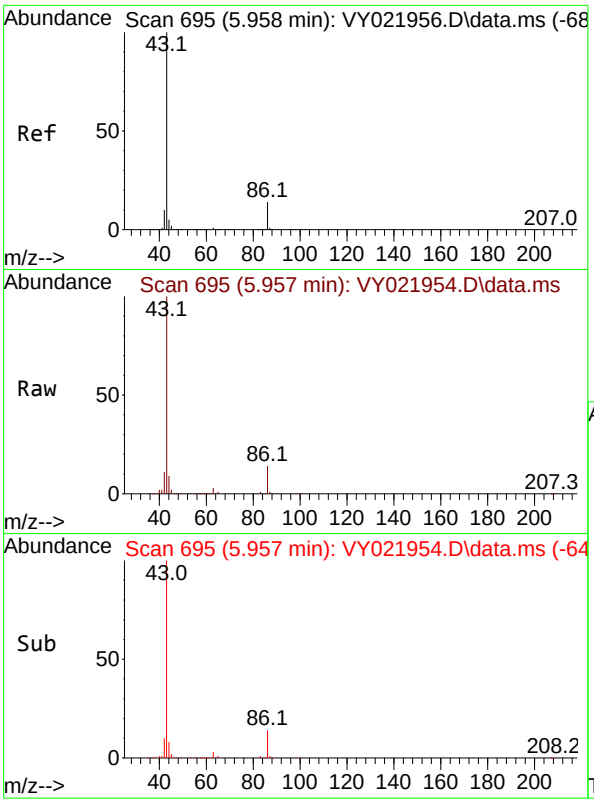


#22
Diisopropyl ether
Concen: 10.028 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 45 Resp: 75451

Ion	Ratio	Lower	Upper
45	100		
43	60.5	43.6	65.4
87	32.4	28.2	42.4
59	13.0	10.0	15.0





#23
Vinyl Acetate
Concen: 49.260 ug/l
RT: 5.957 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 19975

Ion	Ratio	Lower	Upper
43	100		
86	14.3	11.1	16.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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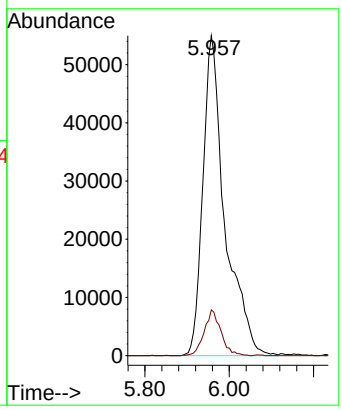
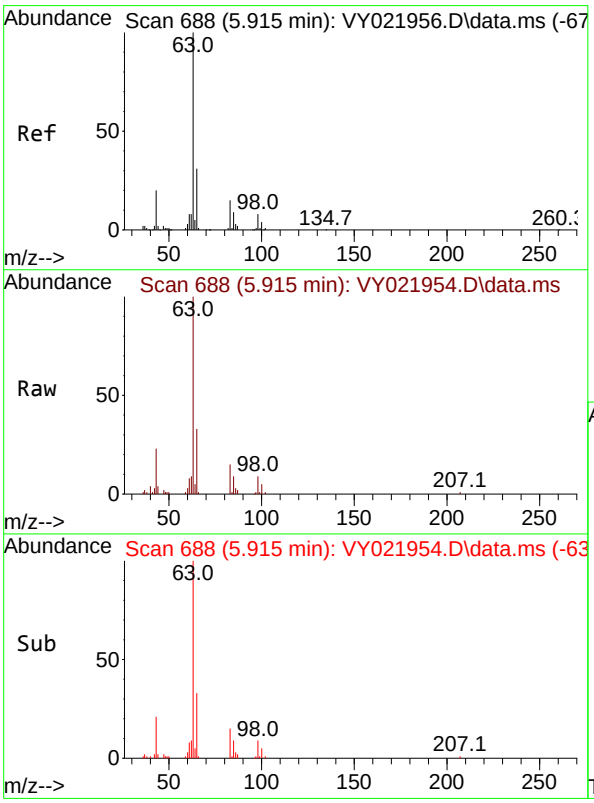
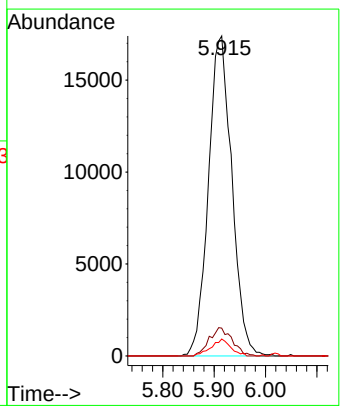


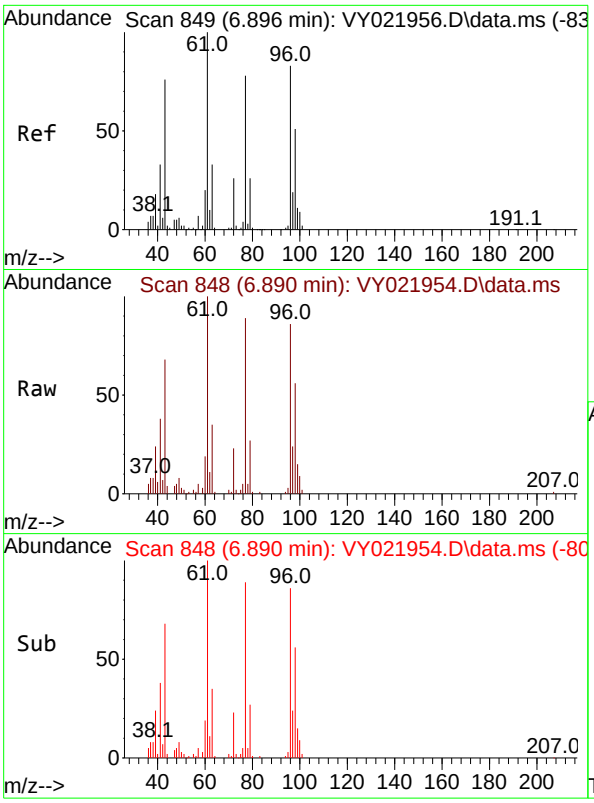


#24
1,1-Dichloroethane
Concen: 10.558 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 63 Resp: 55067

Ion	Ratio	Lower	Upper
63	100		
98	8.7	4.0	11.9
100	5.3	2.0	6.0

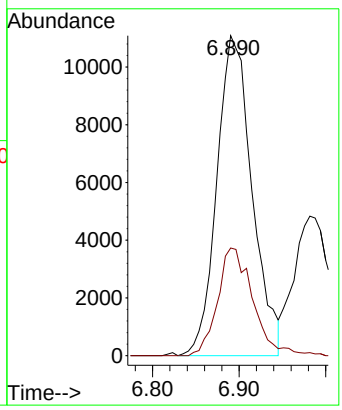




#25
2-Butanone
Concen: 50.973 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 3134

Ion	Ratio	Lower	Upper
43	100		
72	33.6	27.0	40.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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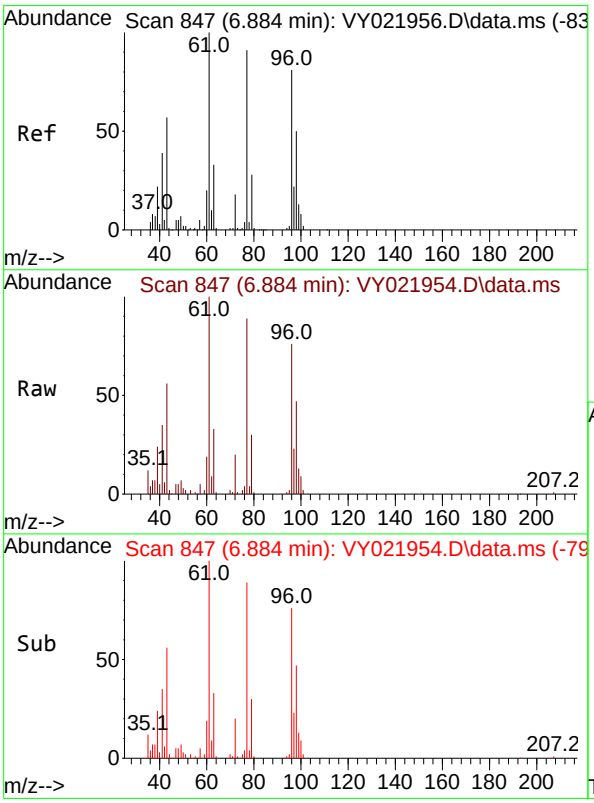
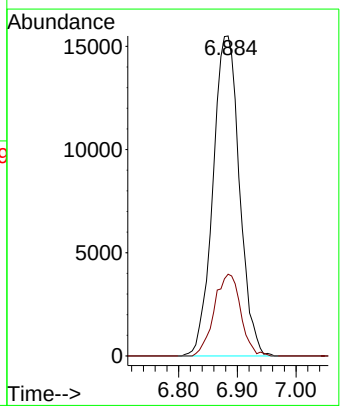
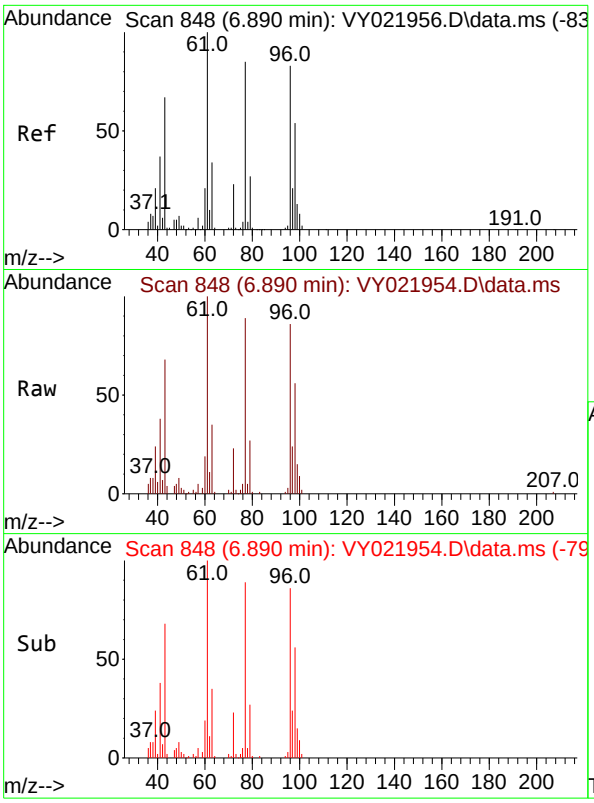


#26
2,2-Dichloropropane
Concen: 10.610 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 77 Resp: 48501

Ion	Ratio	Lower	Upper
77	100		
97	25.5	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 10.253 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 96 Resp: 3728

Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	251.4
98	65.1	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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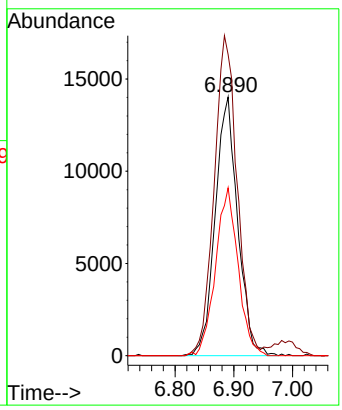
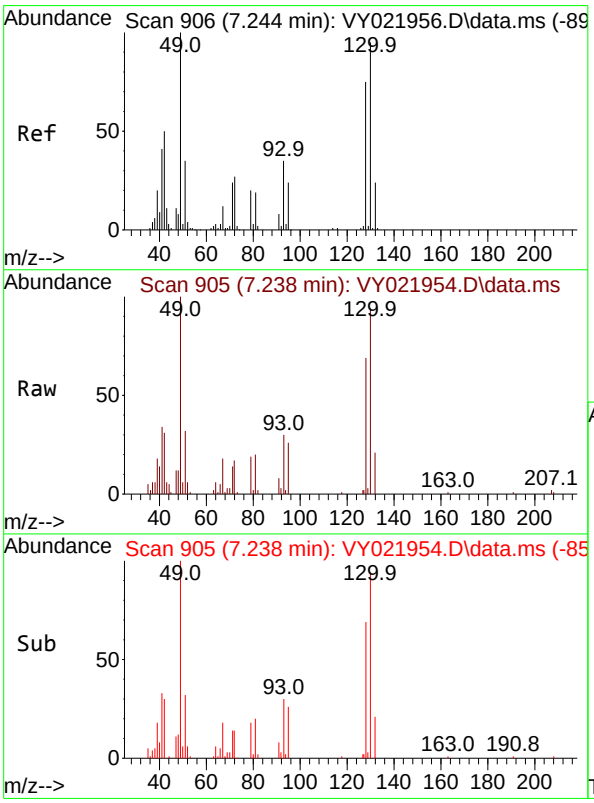
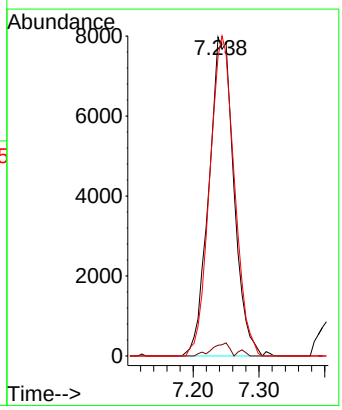


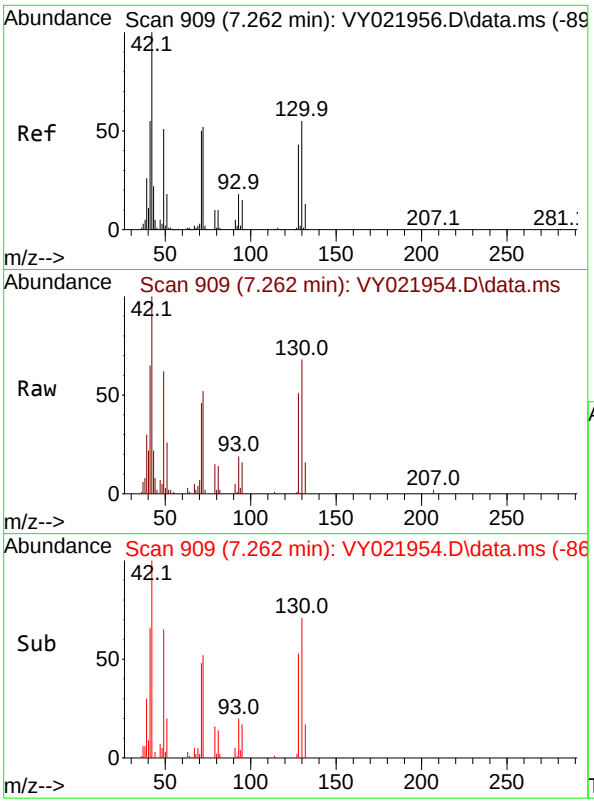


#28
Bromochloromethane
Concen: 10.426 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 49 Resp: 21122

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	98.7	78.2	117.4

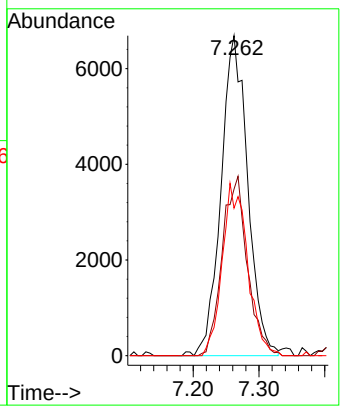




#29
Tetrahydrofuran
Concen: 47.274 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 42 Resp: 1888

Ion	Ratio	Lower	Upper
42	100		
72	53.0	42.6	63.8
71	51.0	40.6	61.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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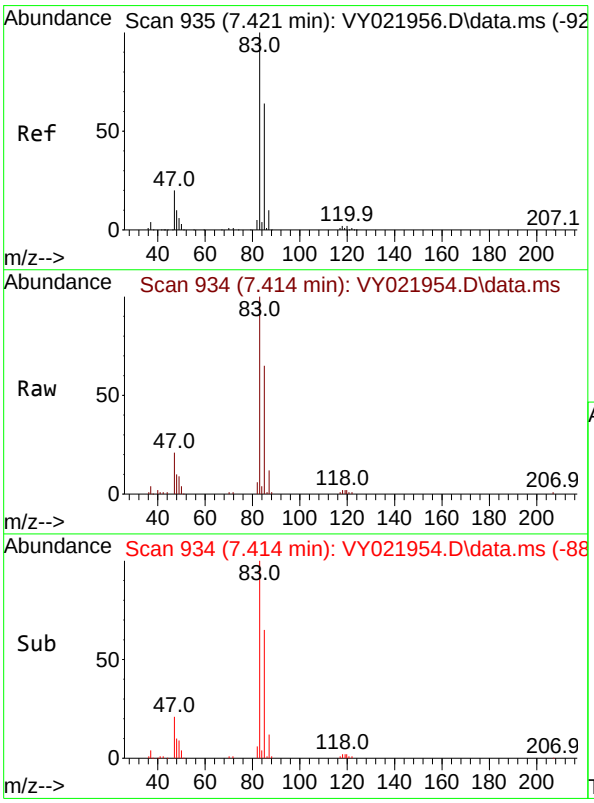
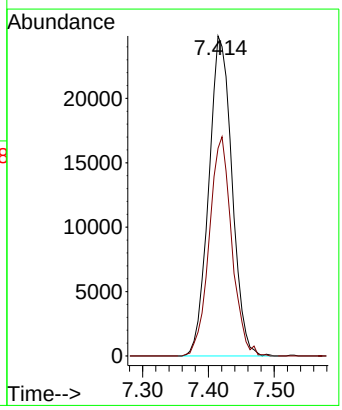
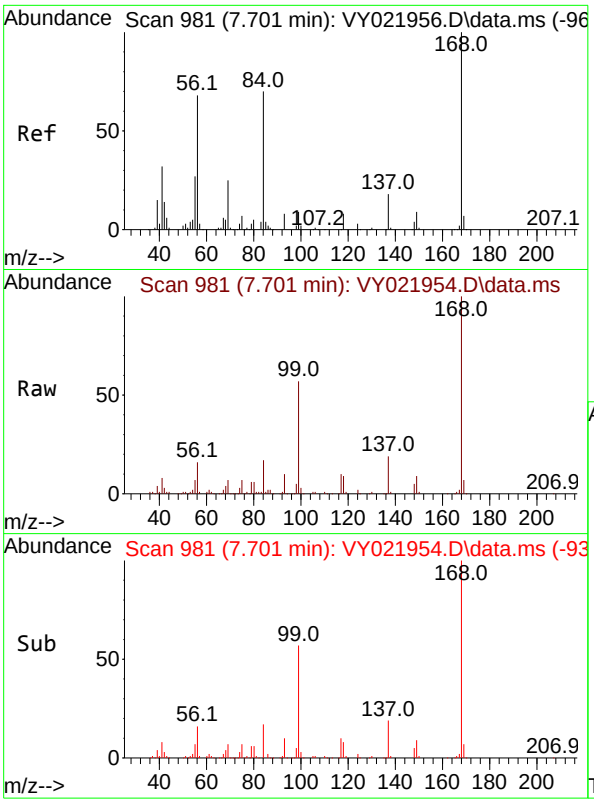


#30
Chloroform
Concen: 10.559 ug/l
RT: 7.414 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 83 Resp: 61088

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





#31
Cyclohexane
Concen: 11.229 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 56 Resp: 5008

Ion	Ratio	Lower	Upper
56	100		
69	45.3	29.4	44.2
84	103.5	82.2	123.4

Instrument :
MSVOA_Y
ClientSampleId :
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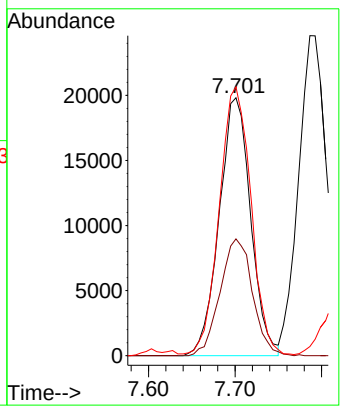
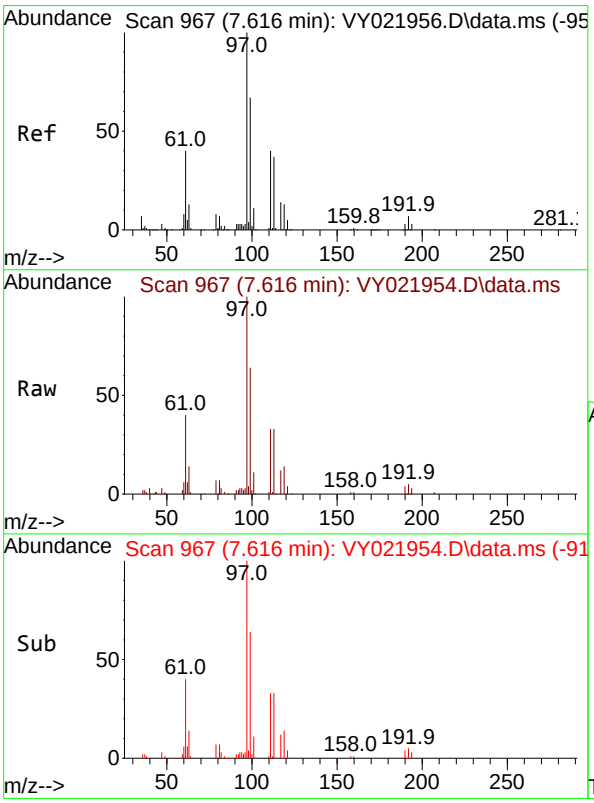
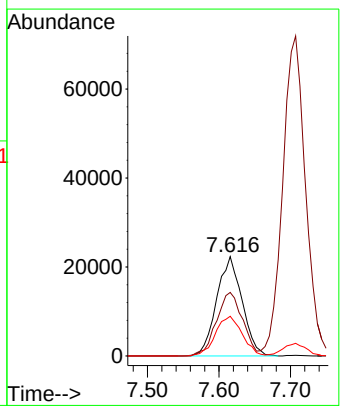


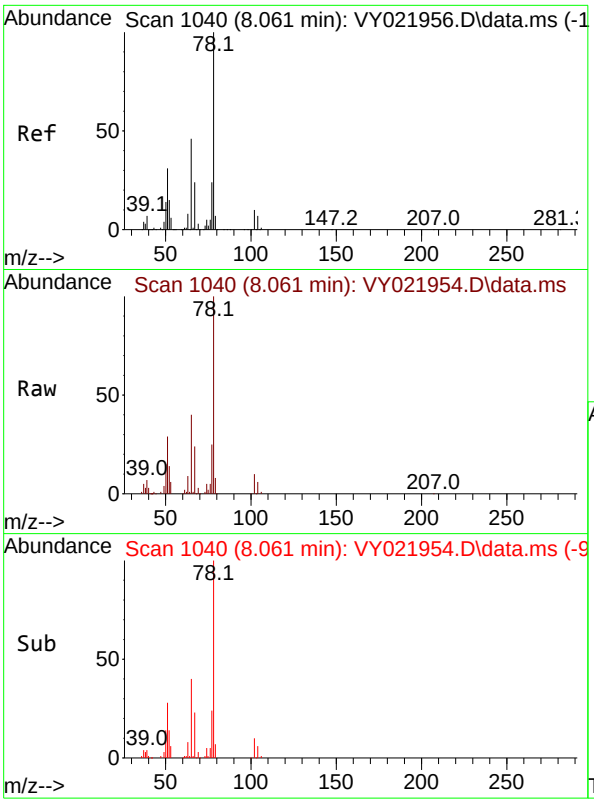


#32
1,1,1-Trichloroethane
Concen: 10.540 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 97 Resp: 55163

Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.4	77.2
61	42.0	31.4	47.2

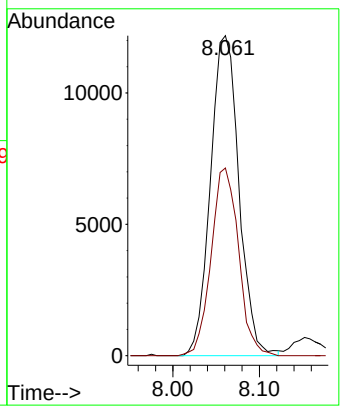




#33
1,2-Dichloroethane-d4
Concen: 10.325 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 65 Resp: 2785

Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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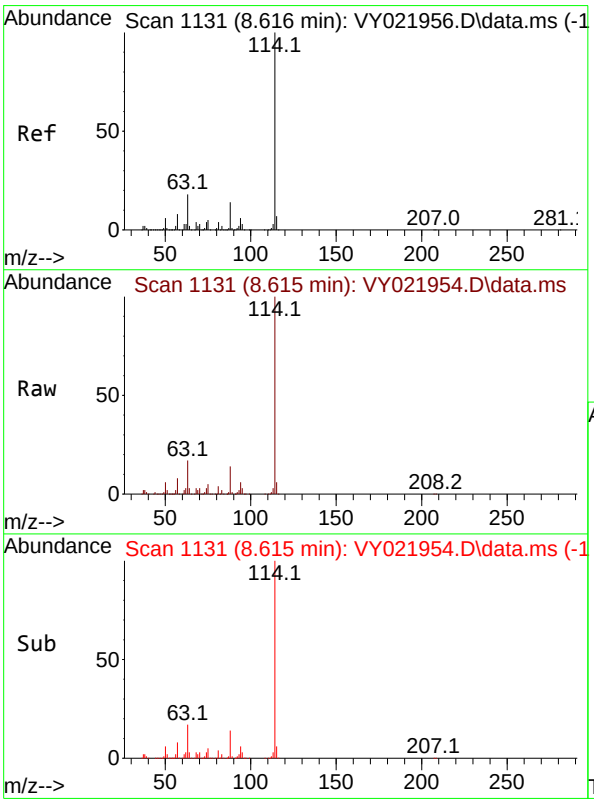
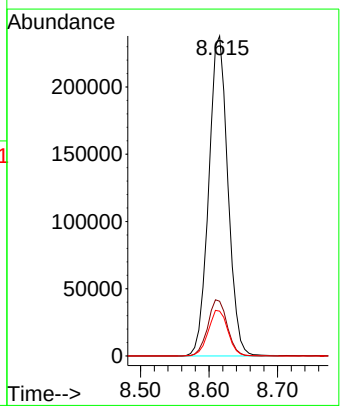
Supervised By :Mahesh Dadoda 04/23/2025

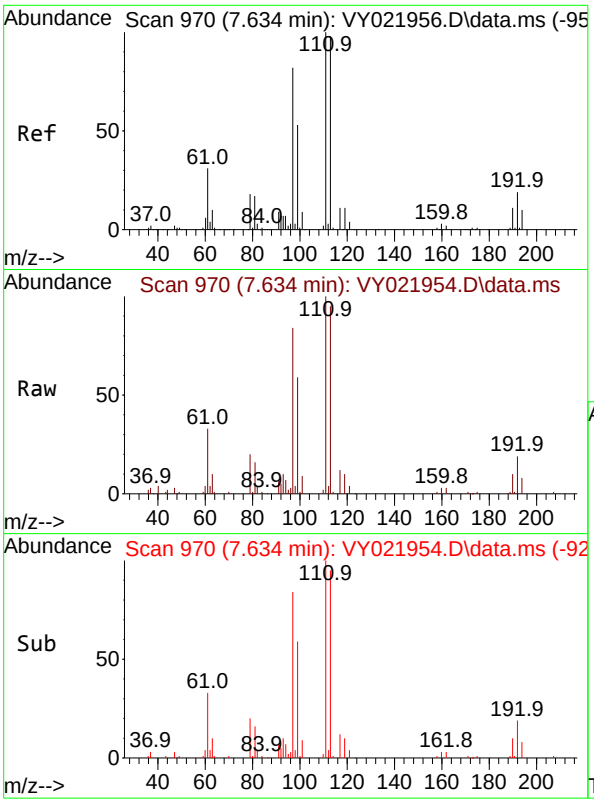


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:114 Resp: 462235

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.4
88	14.0	0.0	28.2

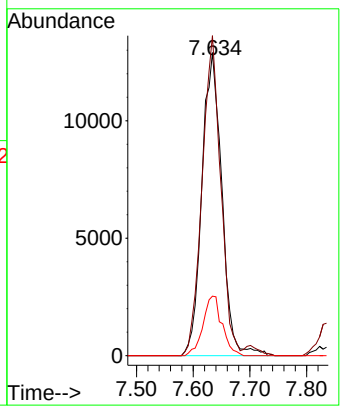




#35
Dibromofluoromethane
Concen: 10.335 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:113 Resp: 3156

Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.8	122.8
192	18.8	15.6	23.4



Instrument :
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ClientSampleId :
VSTDICC010

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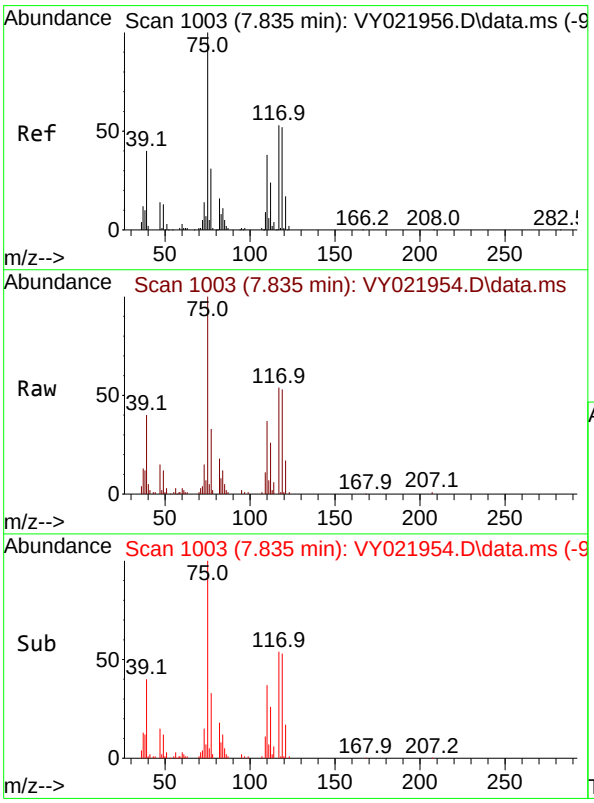
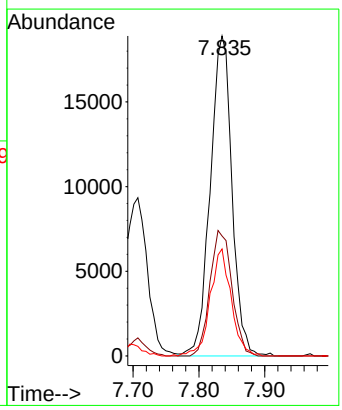
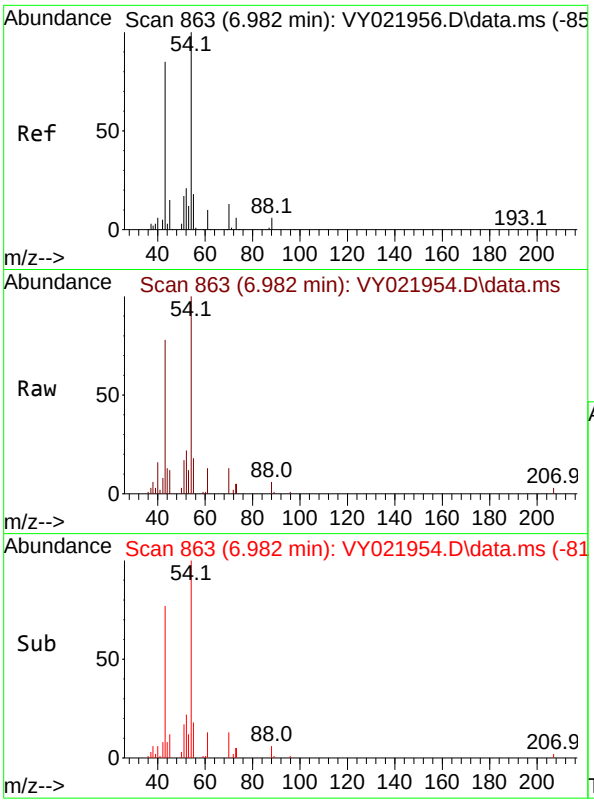


#36
1,1-Dichloropropene
Concen: 10.604 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 43496

Ion	Ratio	Lower	Upper
75	100		
110	39.7	19.1	57.3
77	32.3	25.5	38.3





#37
Ethyl Acetate
Concen: 10.248 ug/l m
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 1489

Ion	Ratio	Lower	Upper
43	100		
61	14.7	13.8	20.6
70	12.6	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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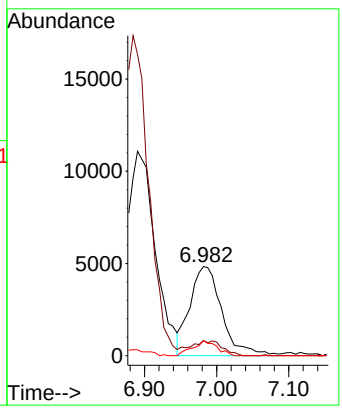
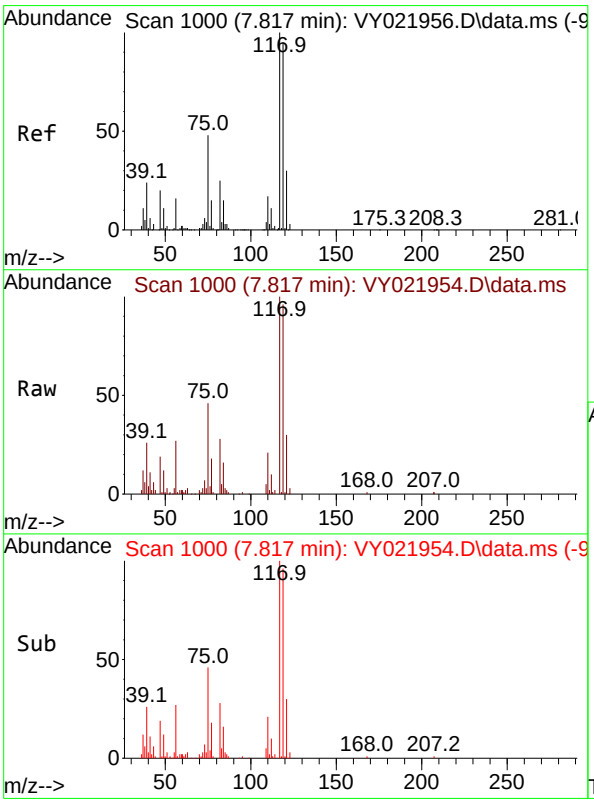
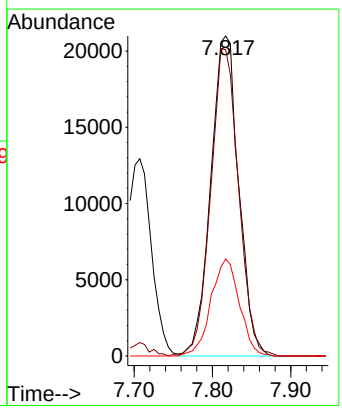


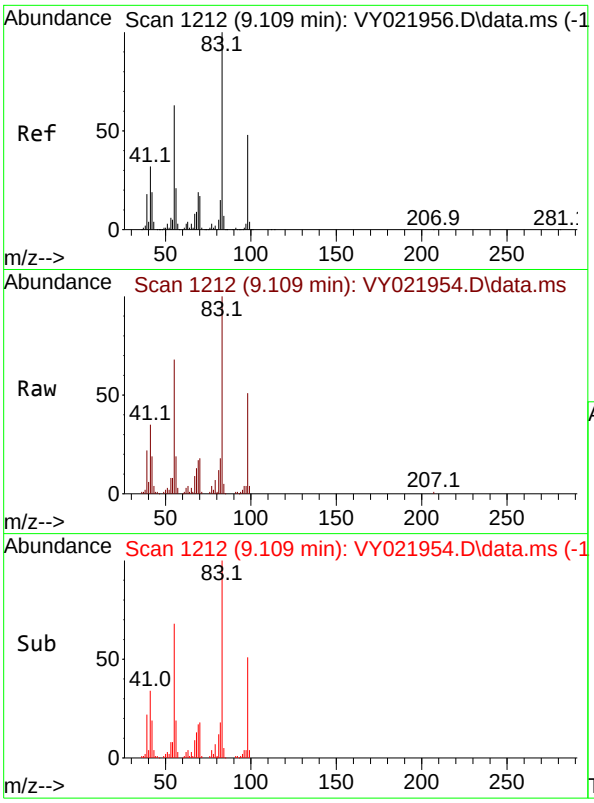


#38
Carbon Tetrachloride
Concen: 10.625 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:117 Resp: 52079

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.2	114.4
121	30.4	24.0	36.0





#39
Methylcyclohexane
Concen: 10.194 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 83 Resp: 5262

Ion	Ratio	Lower	Upper
83	100		
55	68.3	50.6	75.8
98	50.6	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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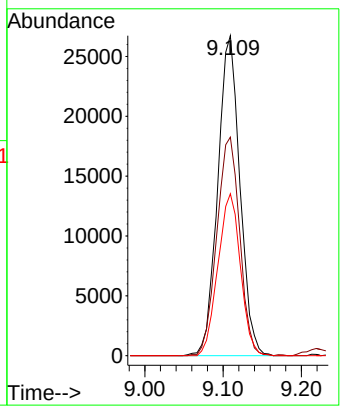
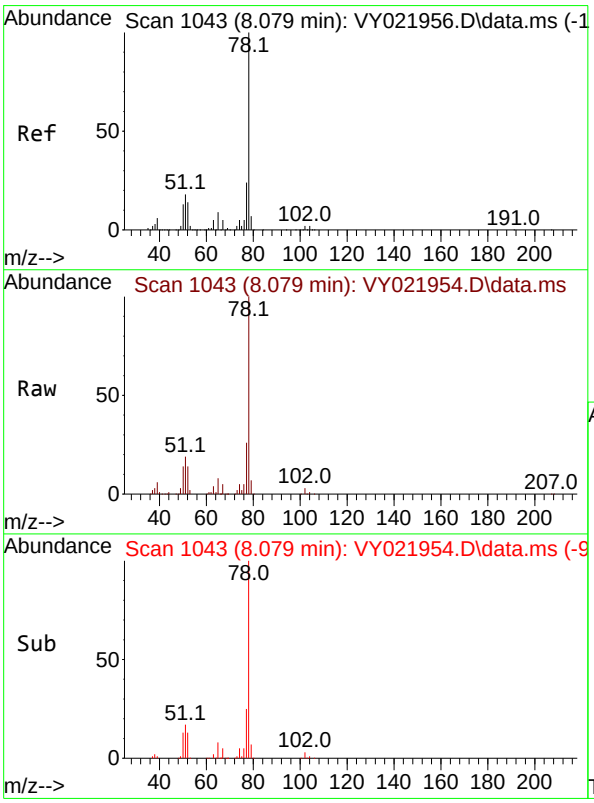
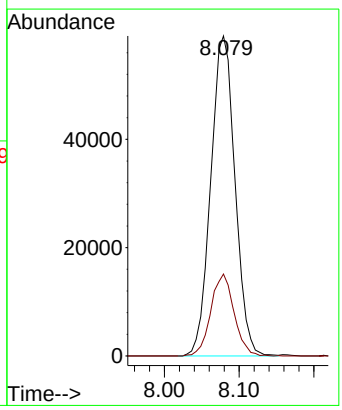


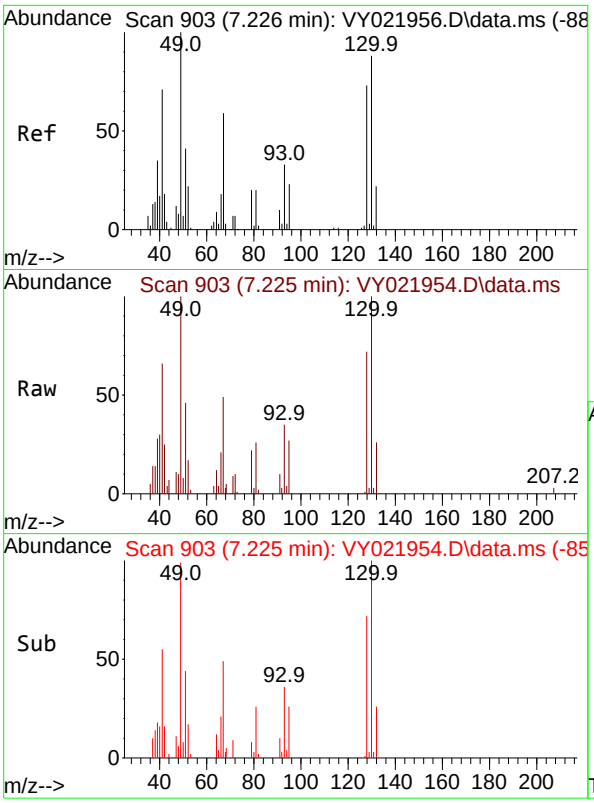


#40
Benzene
Concen: 10.373 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 78 Resp: 133010

Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.3	28.9

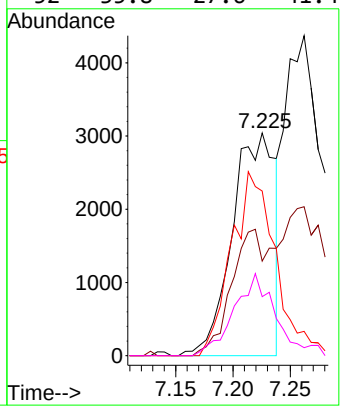




#41
Methacrylonitrile
Concen: 9.813 ug/l m
RT: 7.225 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 41 Resp: 790

Ion	Ratio	Lower	Upper
41	100		
39	40.9	36.6	55.0
67	85.1	72.2	108.4
52	35.8	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
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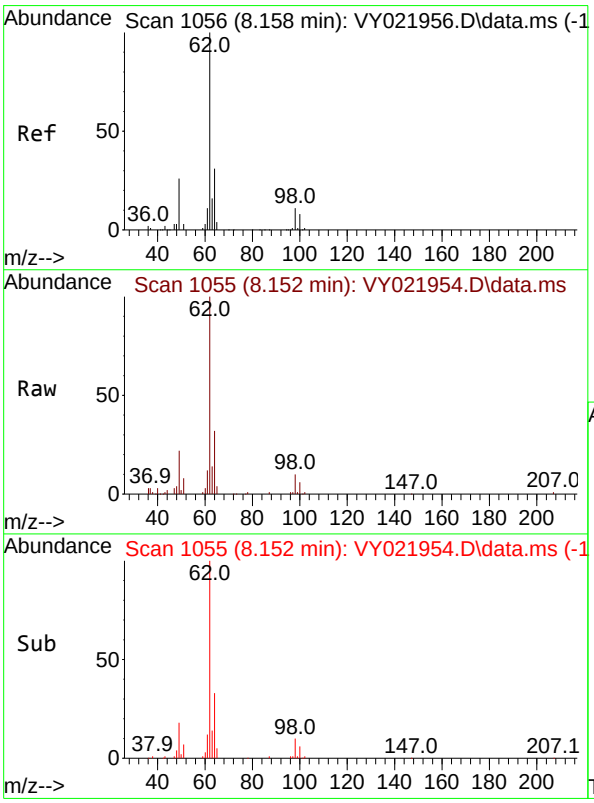
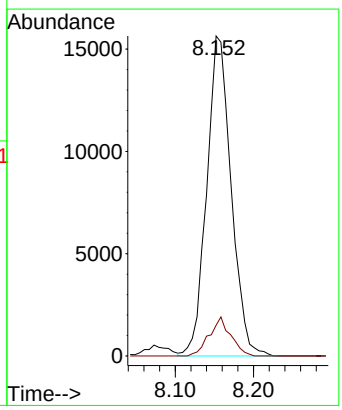
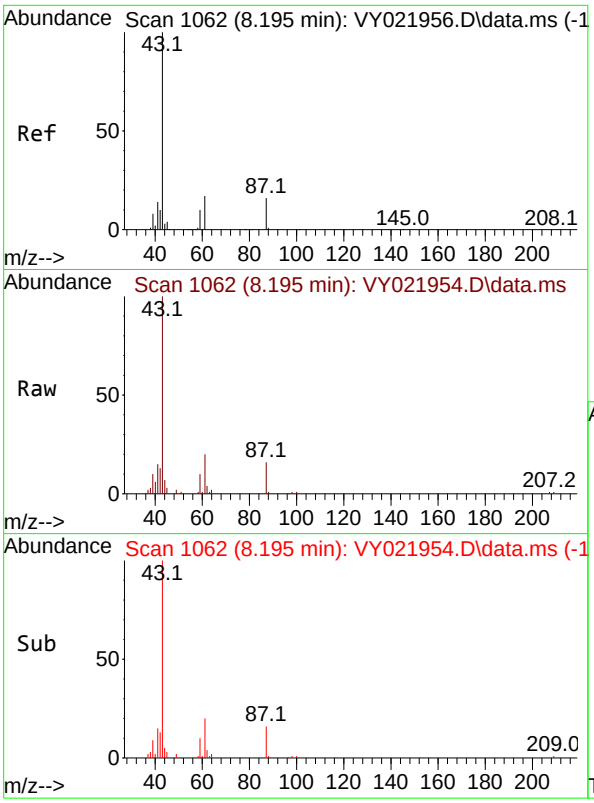


#42
1,2-Dichloroethane
Concen: 10.690 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 62 Resp: 33939

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0





#43
Isopropyl Acetate
Concen: 9.574 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 2708

Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.9	28.3
87	18.1	13.7	20.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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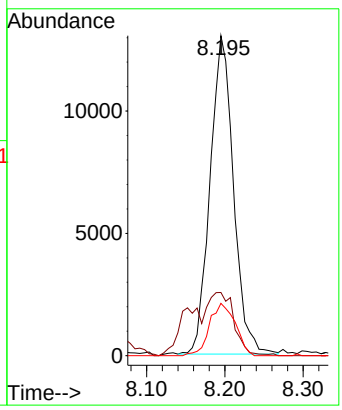
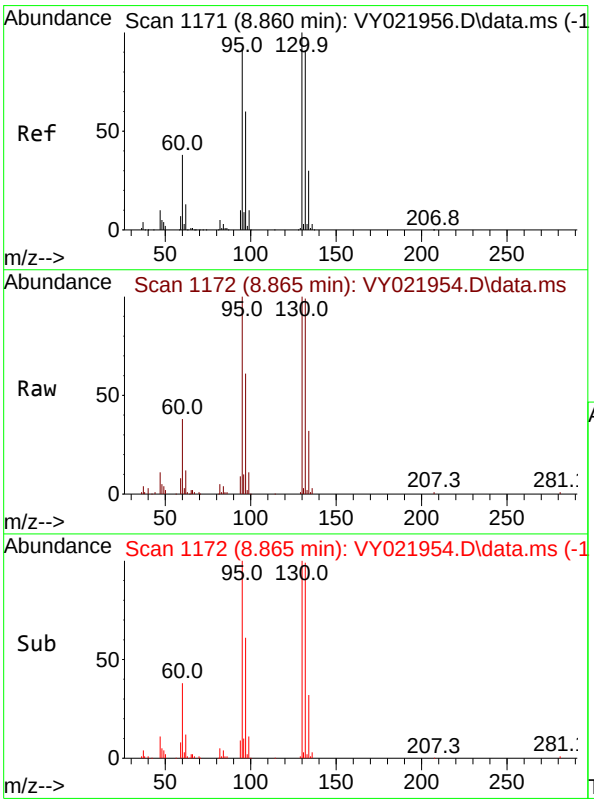
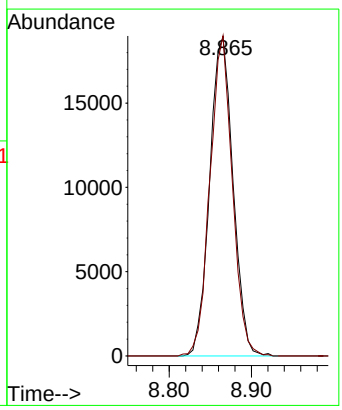


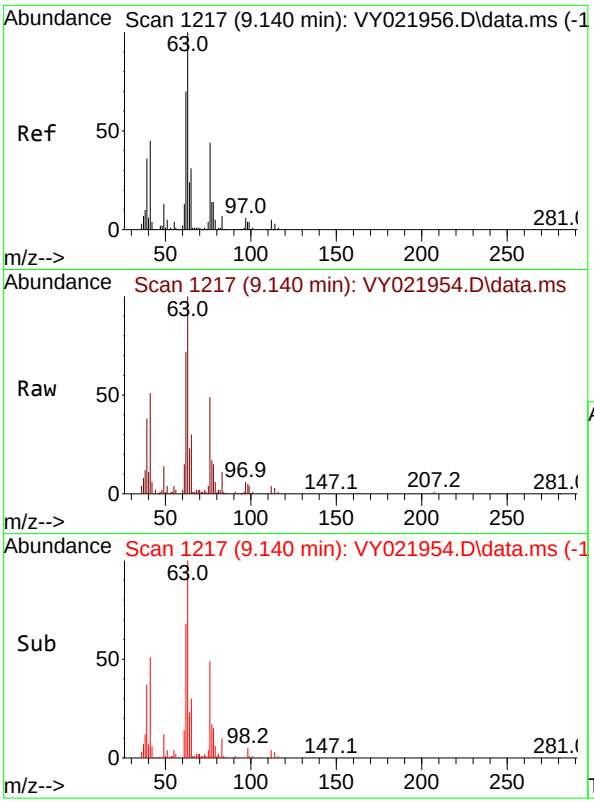


#44
Trichloroethene
Concen: 10.534 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:130 Resp: 37414

Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	183.2

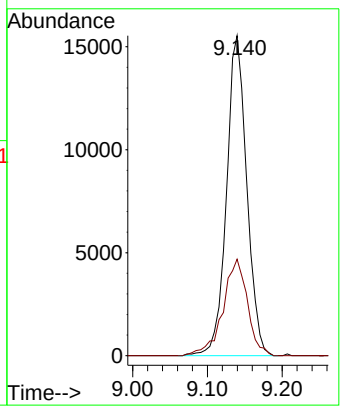




#45
1,2-Dichloropropane
Concen: 10.342 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 63 Resp: 2932

Ion	Ratio	Lower	Upper
63	100		
65	30.2	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
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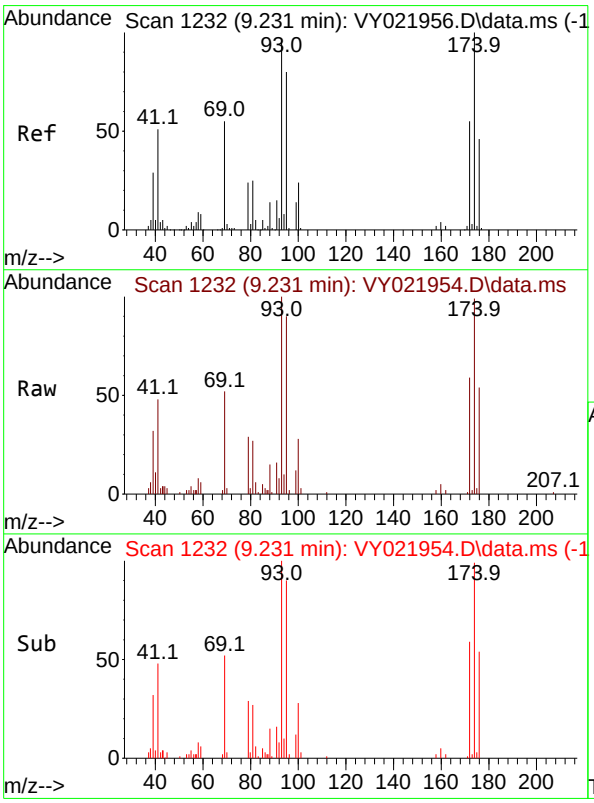
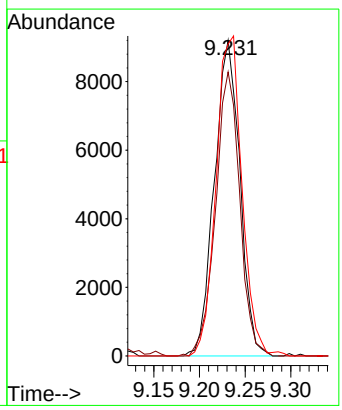
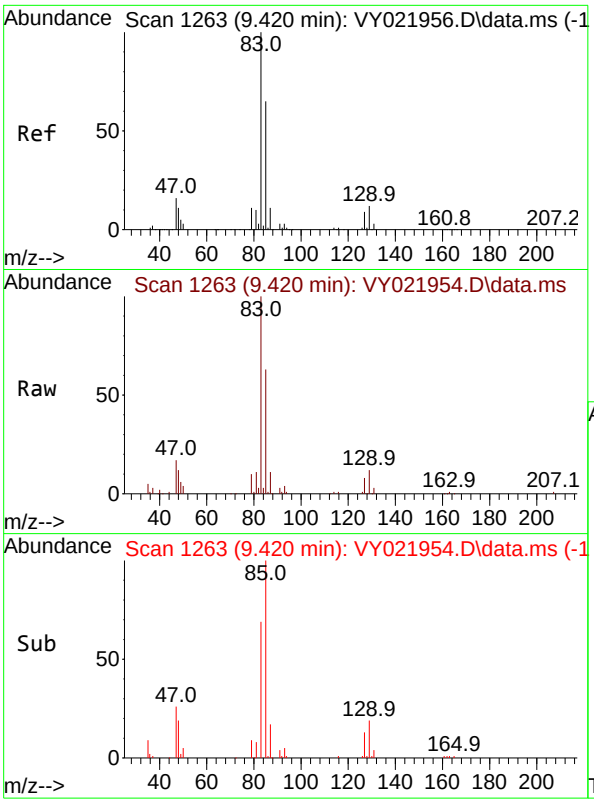


#46
Dibromomethane
Concen: 10.055 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 93 Resp: 17848

Ion	Ratio	Lower	Upper
93	100		
95	85.7	66.7	100.1
174	103.7	84.6	127.0

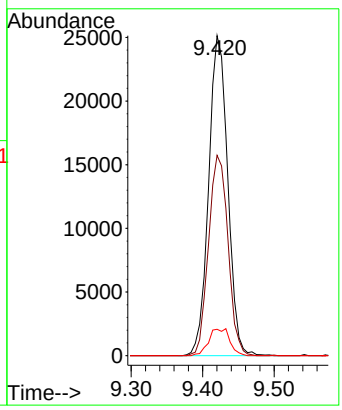




#47
Bromodichloromethane
Concen: 10.498 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 83 Resp: 4655

Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.8	77.8
127	8.2	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
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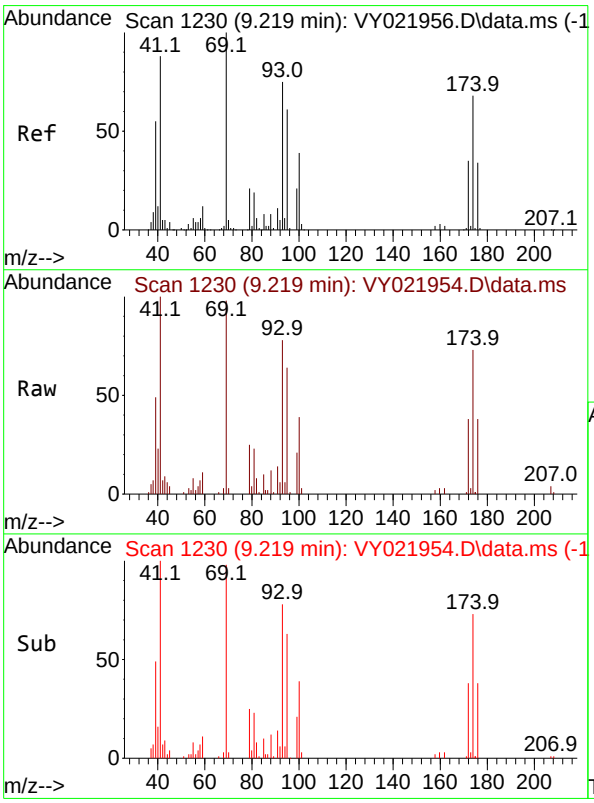
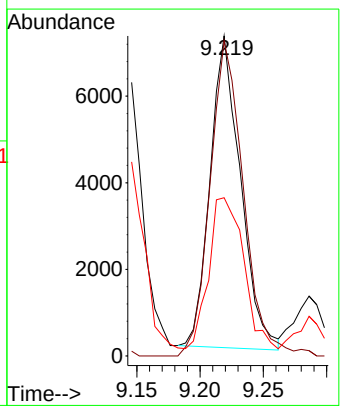
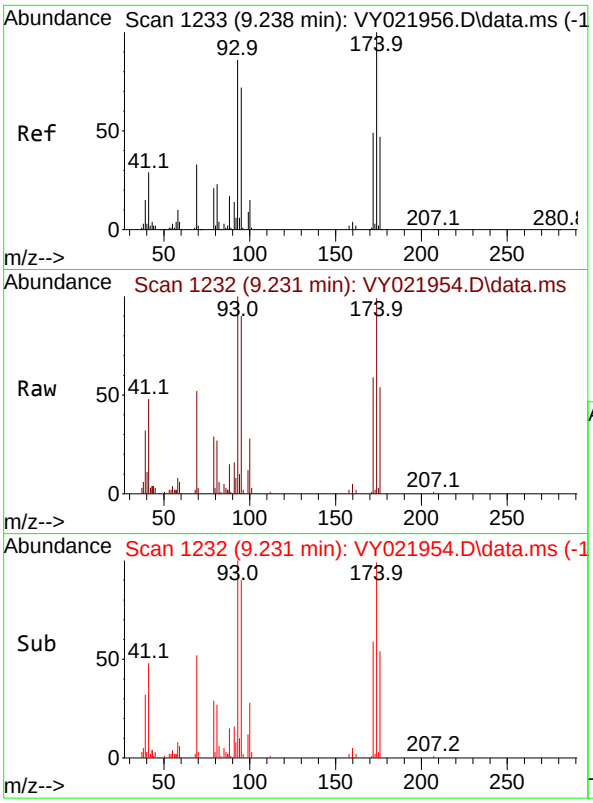


#48
Methyl methacrylate
Concen: 9.202 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 41 Resp: 12035

Ion	Ratio	Lower	Upper
41	100		
69	111.3	85.5	128.3
39	56.4	46.2	69.4

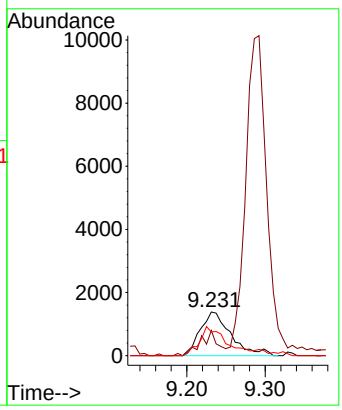




#49
1,4-Dioxane
Concen: 199.843 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 88 Resp: 378

Ion	Ratio	Lower	Upper
88	100		
43	32.0	21.3	31.9
58	64.2	50.5	75.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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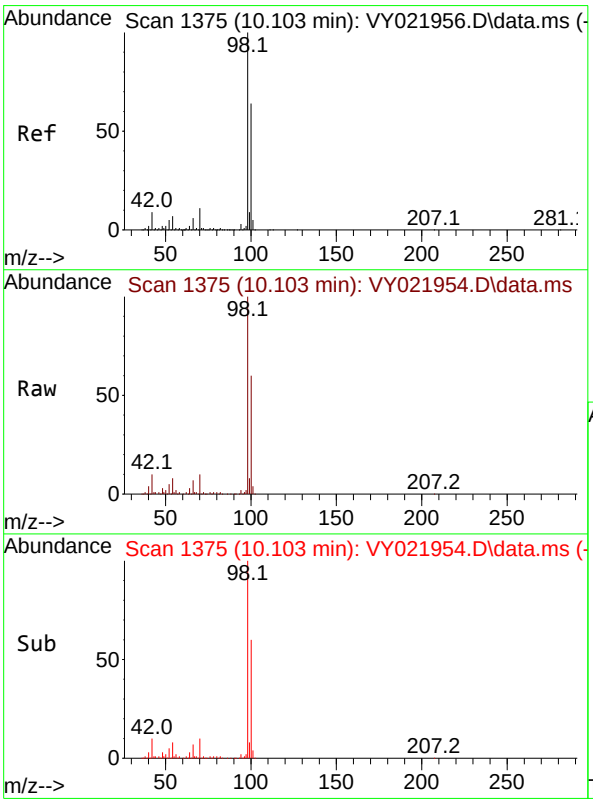
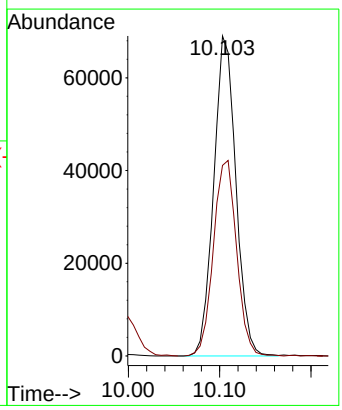
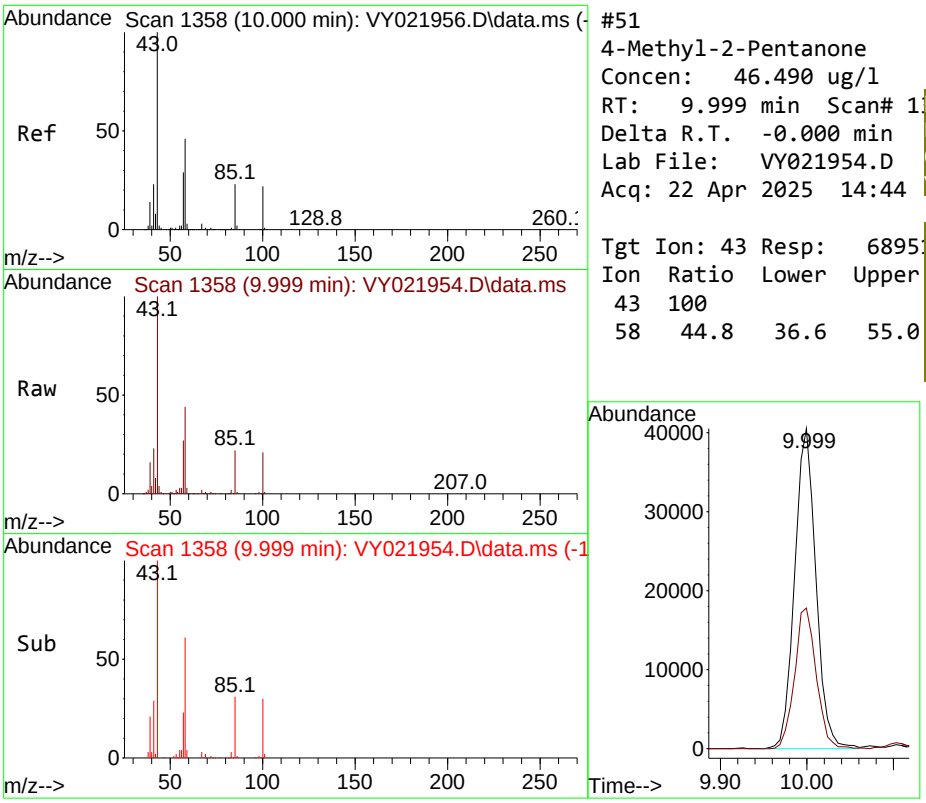


#50
Toluene-d8
Concen: 10.118 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 98 Resp: 116480

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 46.490 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 6895

Ion	Ratio	Lower	Upper
43	100		
58	44.8	36.6	55.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
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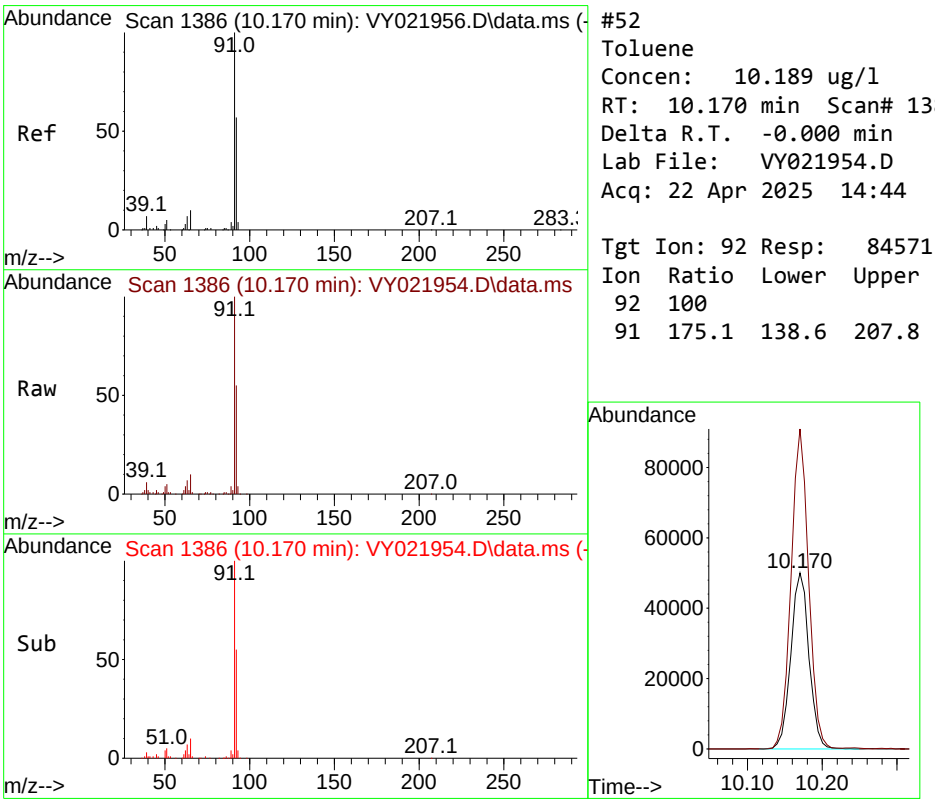
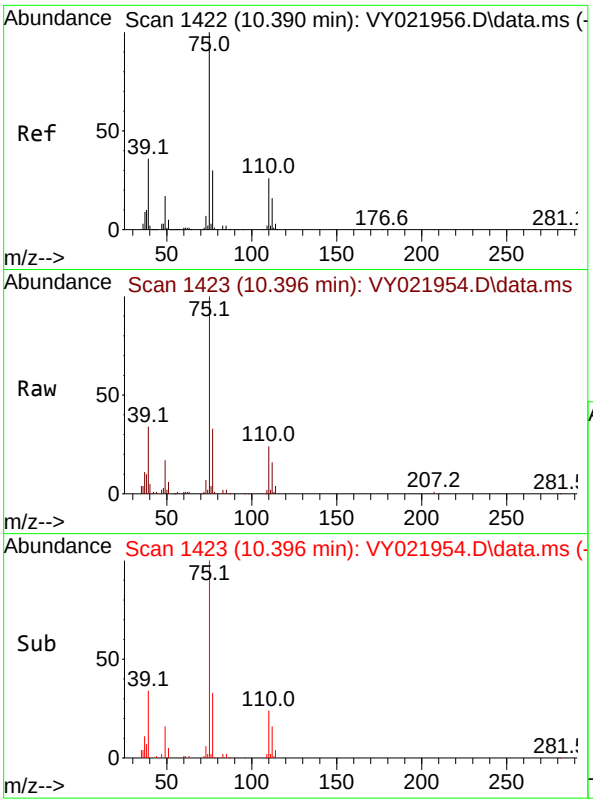


#52
Toluene
Concen: 10.189 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 92 Resp: 84571

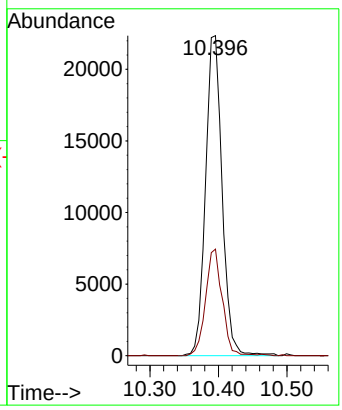
Ion	Ratio	Lower	Upper
92	100		
91	175.1	138.6	207.8



#53
t-1,3-Dichloropropene
Concen: 9.911 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 3769

Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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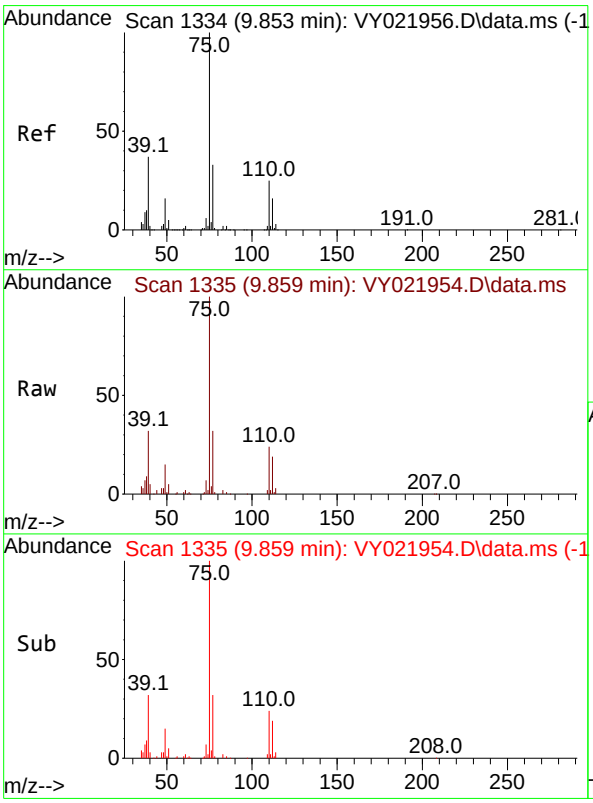
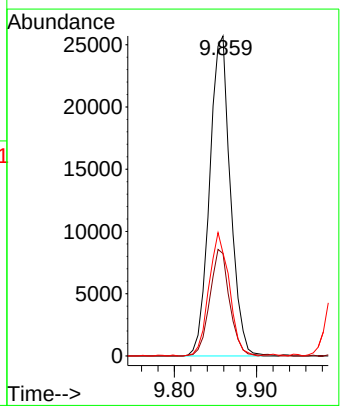
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

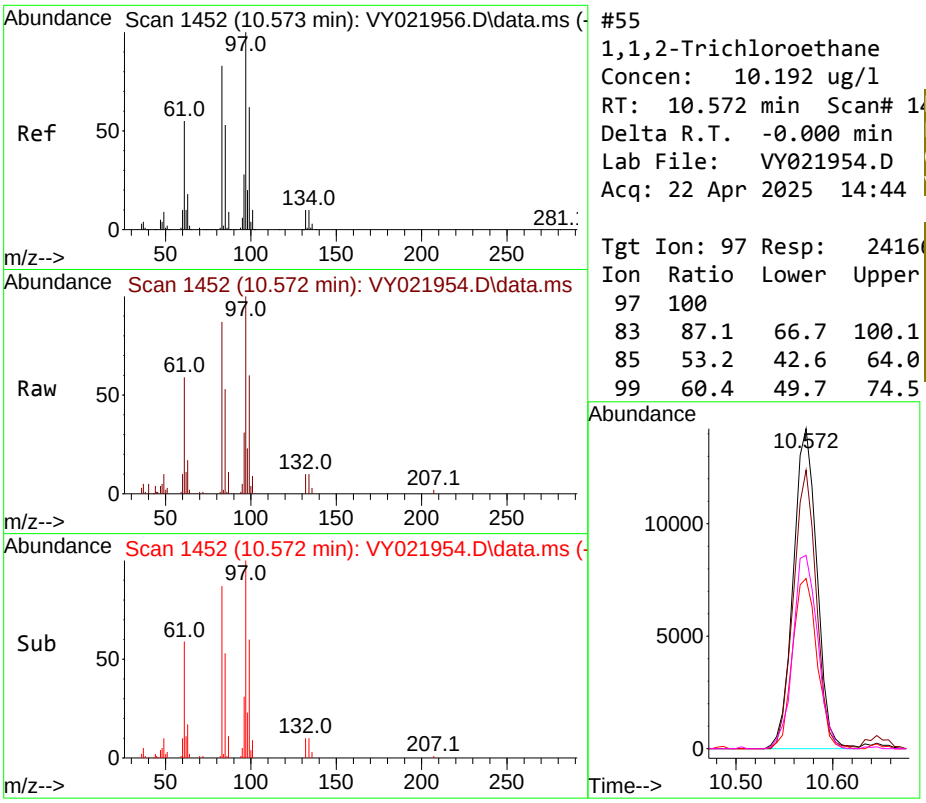


#54
cis-1,3-Dichloropropene
Concen: 9.982 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 45133

Ion	Ratio	Lower	Upper
75	100		
77	32.0	26.6	40.0
39	32.2	29.6	44.4





#55
1,1,2-Trichloroethane
Concen: 10.192 ug/l
RT: 10.572 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 97 Resp: 2416

Ion	Ratio	Lower	Upper
97	100		
83	87.1	66.7	100.1
85	53.2	42.6	64.0
99	60.4	49.7	74.5

Instrument :
MSVOA_Y
ClientSampleId :
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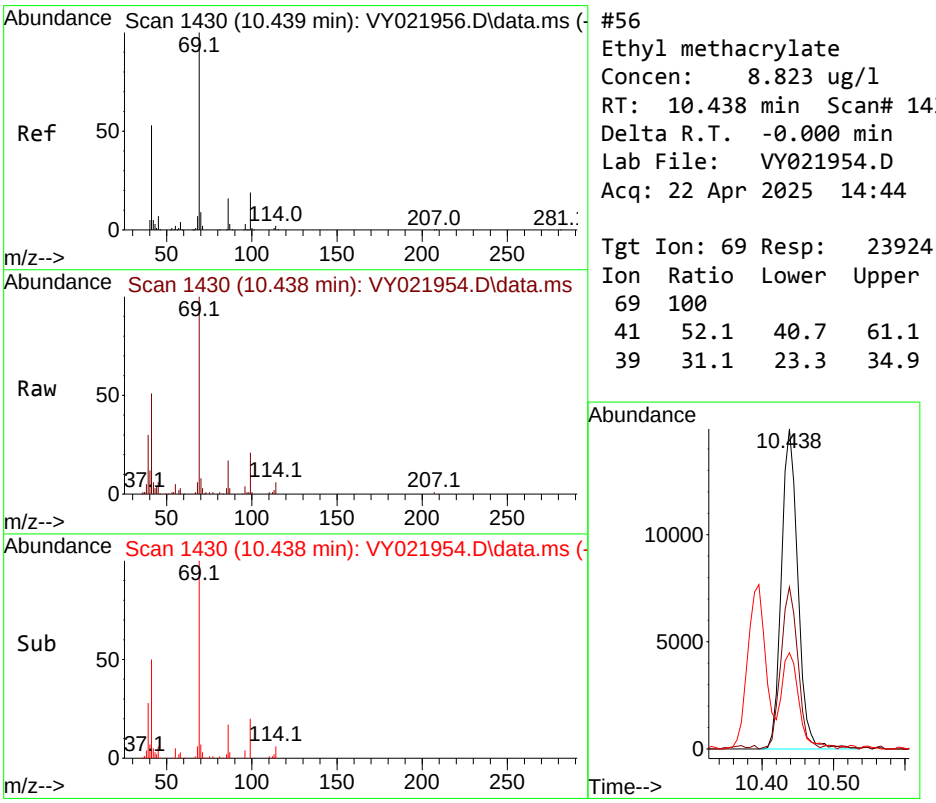
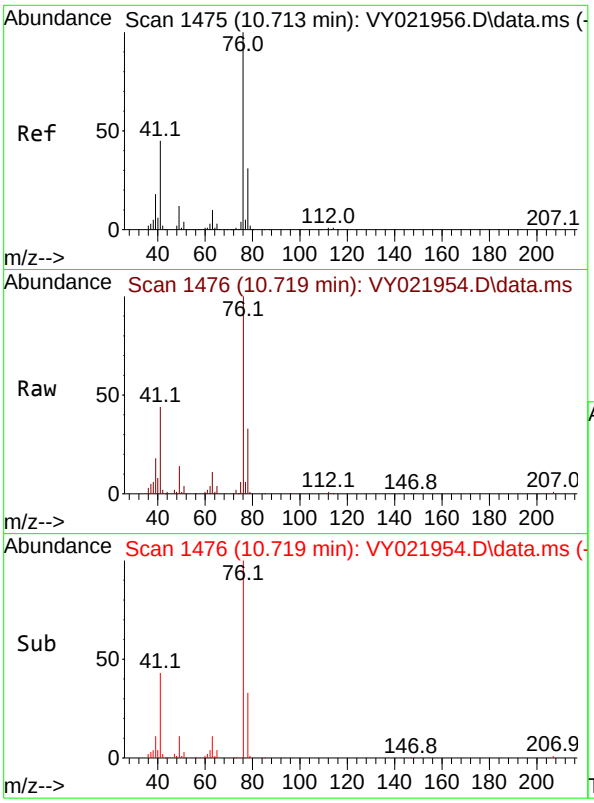


#56
Ethyl methacrylate
Concen: 8.823 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 69 Resp: 23924

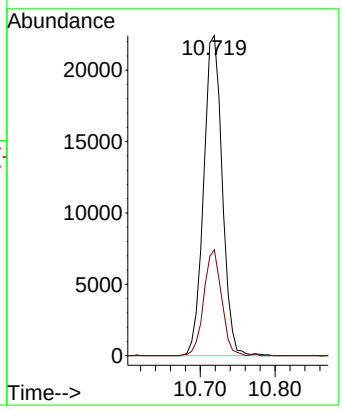
Ion	Ratio	Lower	Upper
69	100		
41	52.1	40.7	61.1
39	31.1	23.3	34.9



#57
1,3-Dichloropropane
Concen: 10.204 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 76 Resp: 3878

Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.6	39.8



Instrument :
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ClientSampleId :
VSTDICC010

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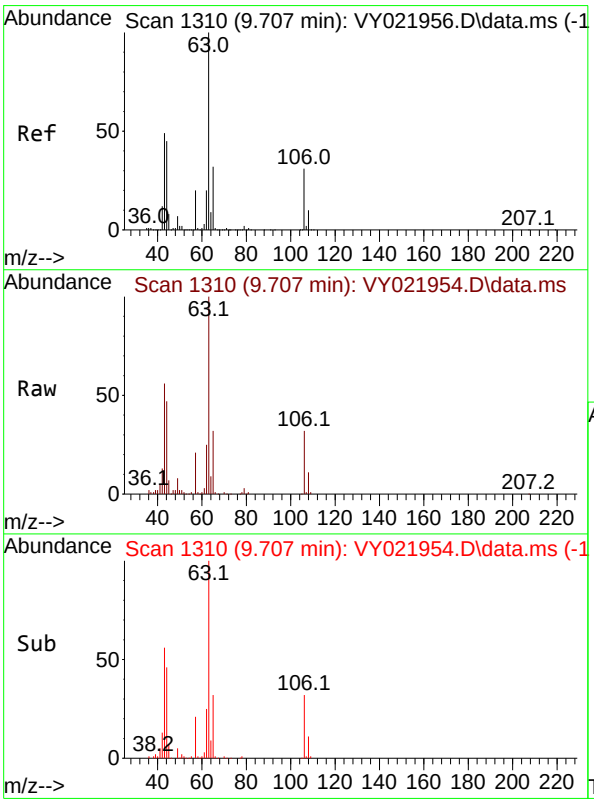
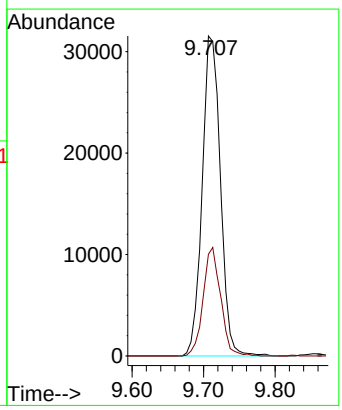
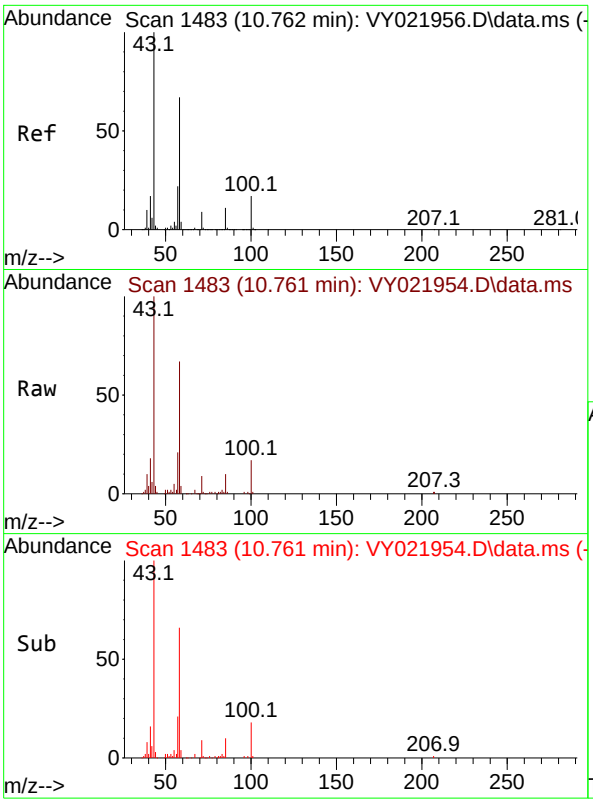


#58
2-Chloroethyl Vinyl ether
Concen: 42.164 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 63 Resp: 55900

Ion	Ratio	Lower	Upper
63	100		
106	32.5	25.3	37.9





#59
2-Hexanone
Concen: 45.407 ug/l
RT: 10.761 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 4441

Ion	Ratio	Lower	Upper
43	100		
58	61.8	32.0	96.0

Instrument :
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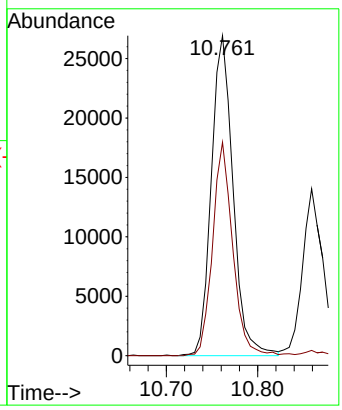
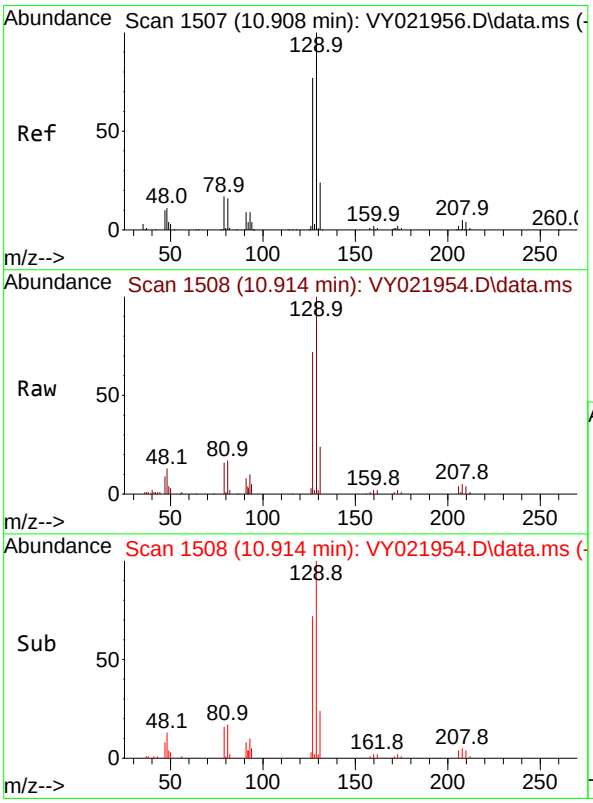
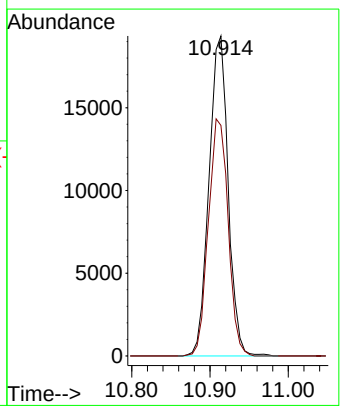


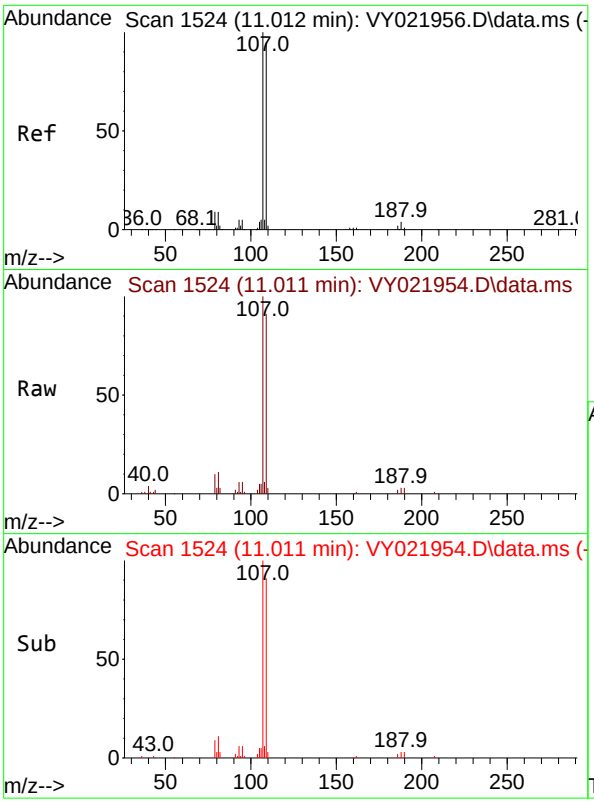


#60
Dibromochloromethane
Concen: 9.994 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:129 Resp: 32807

Ion	Ratio	Lower	Upper
129	100		
127	76.4	38.5	115.3

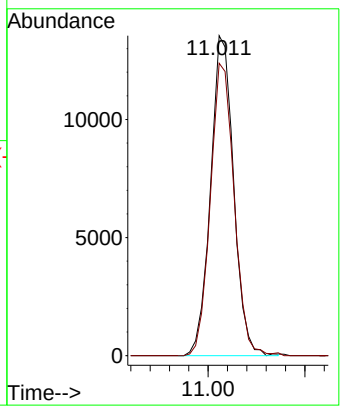




#61
1,2-Dibromoethane
Concen: 10.019 ug/l
RT: 11.011 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:107 Resp: 2242

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.8	113.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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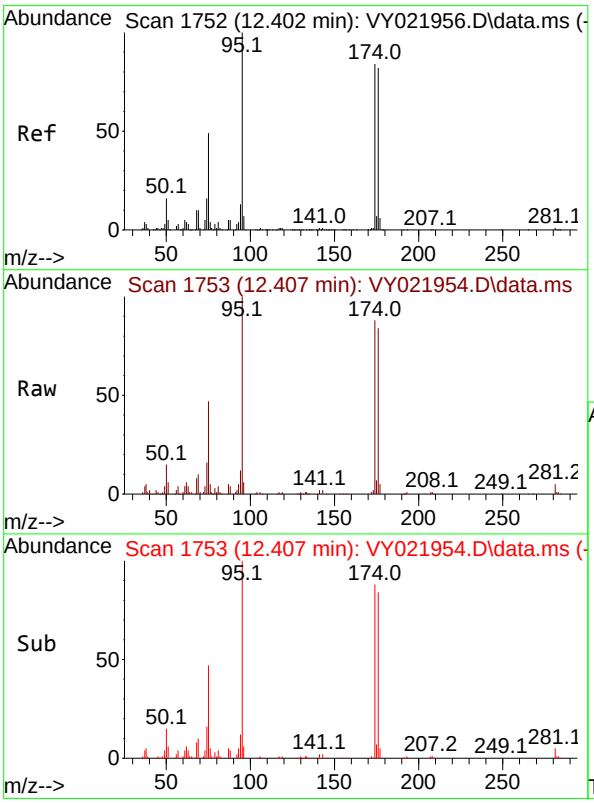
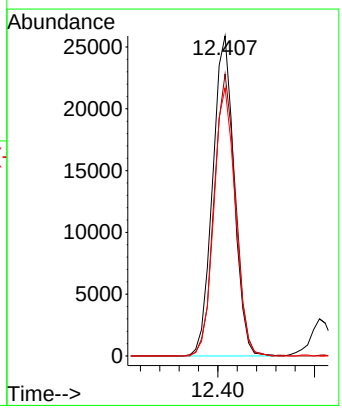
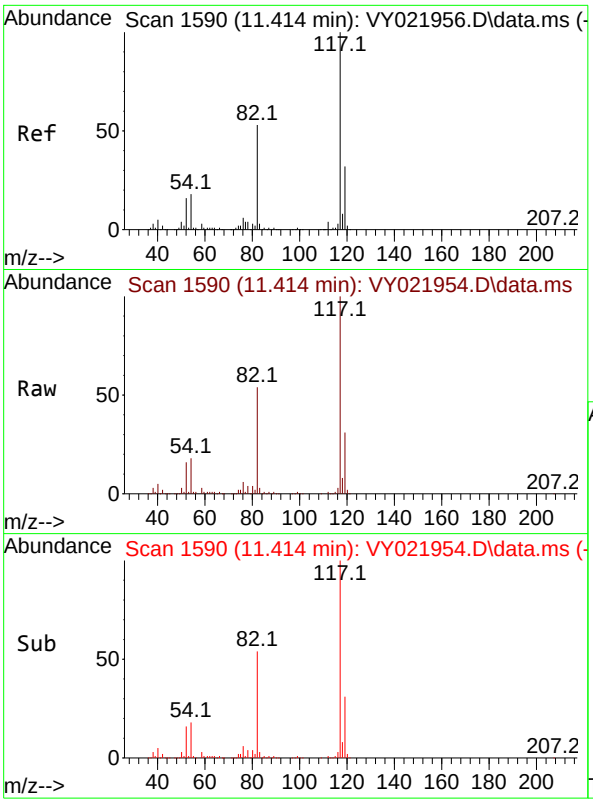


#62
4-Bromofluorobenzene
Concen: 10.244 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 95 Resp: 39704

Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	179.0
176	84.2	0.0	171.8

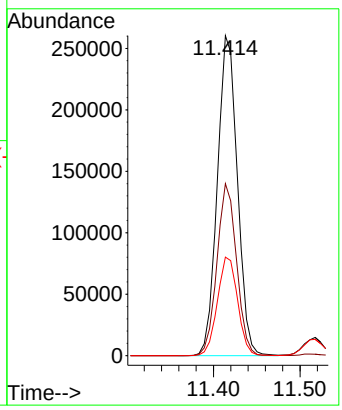




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:117 Resp: 41847

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.1	63.1
119	30.8	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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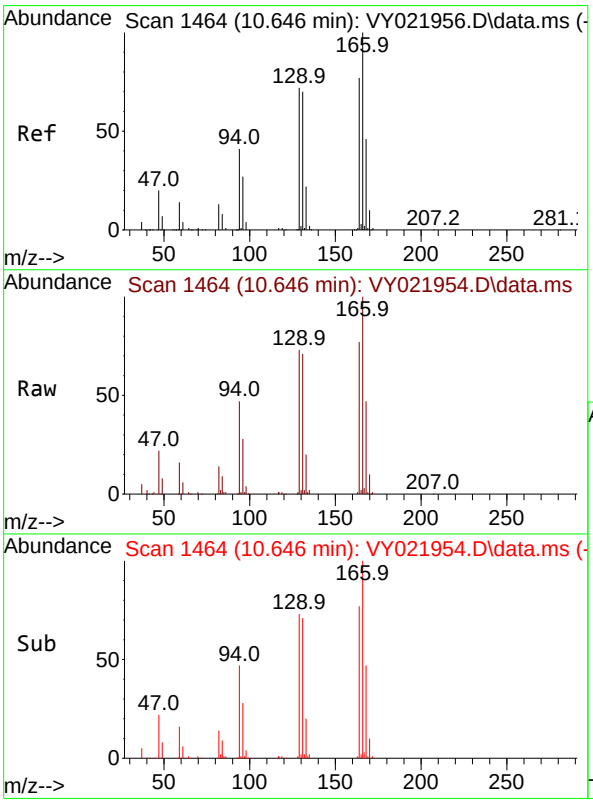
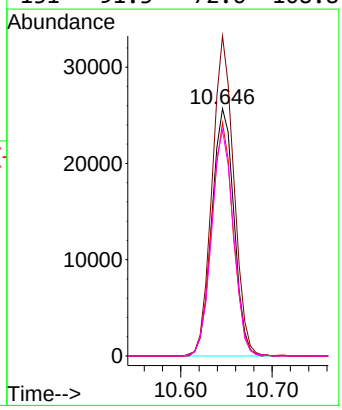
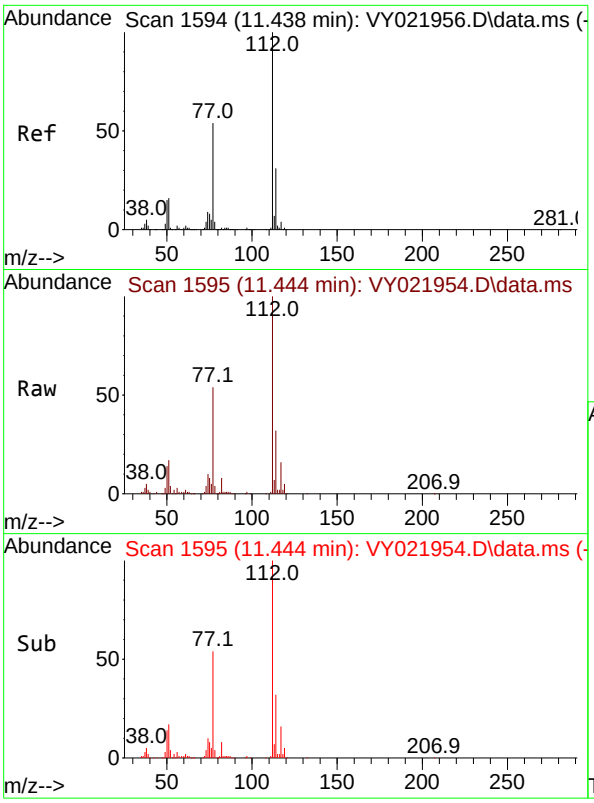


#64
Tetrachloroethene
Concen: 10.944 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:164 Resp: 43205

Ion	Ratio	Lower	Upper
164	100		
166	129.4	103.6	155.4
129	94.2	74.2	111.4
131	91.3	72.6	108.8

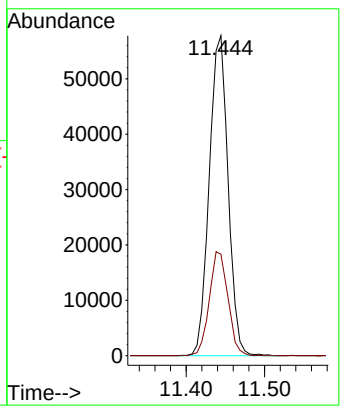




#65
Chlorobenzene
Concen: 10.306 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:112 Resp: 9644

Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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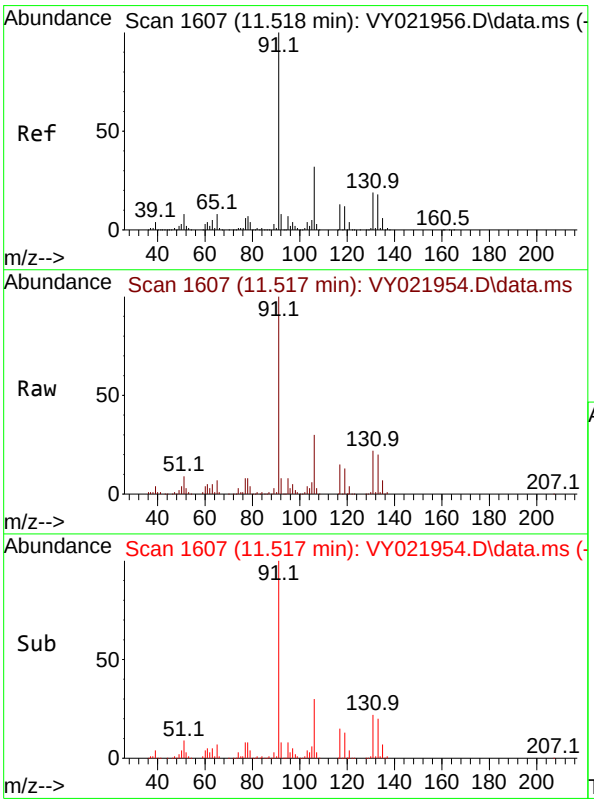
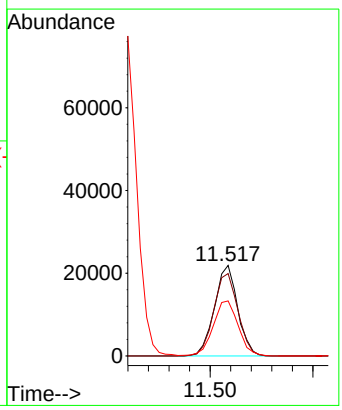
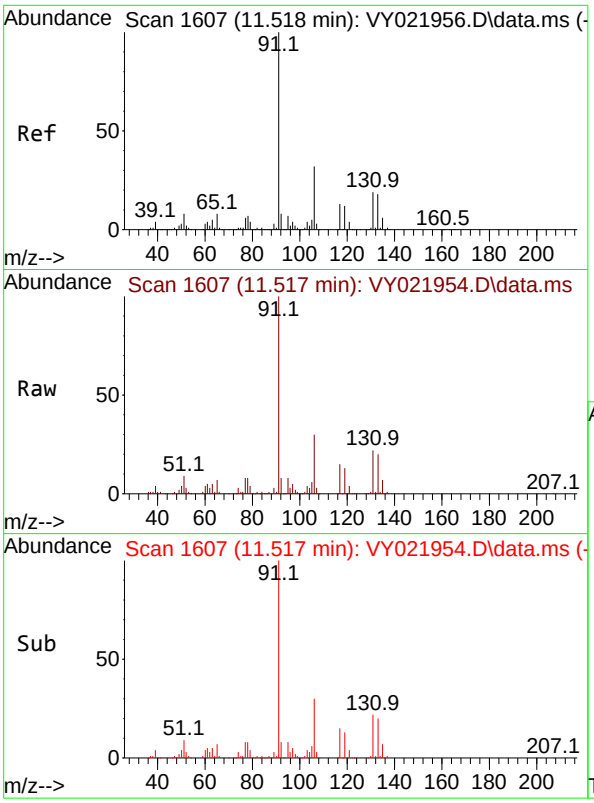


#66
1,1,1,2-Tetrachloroethane
Concen: 10.392 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:131 Resp: 34237

Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.8	143.3
119	65.7	32.4	97.0





#67
Ethyl Benzene
Concen: 10.058 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 91 Resp: 15397

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
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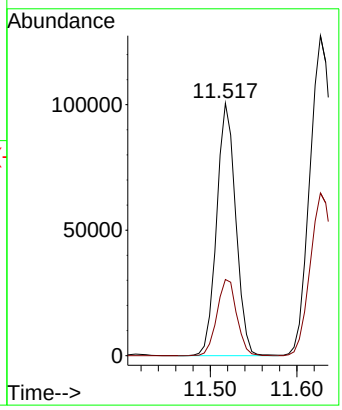
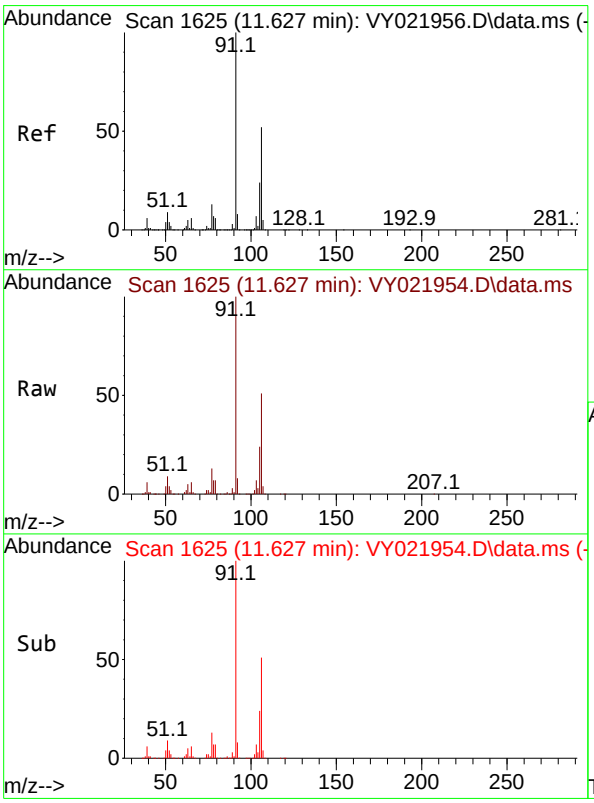
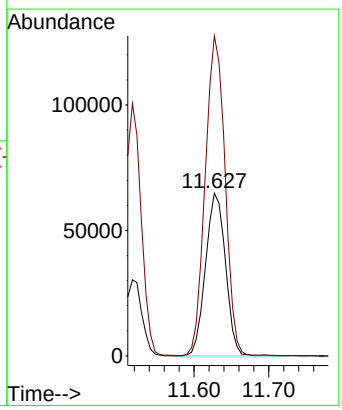


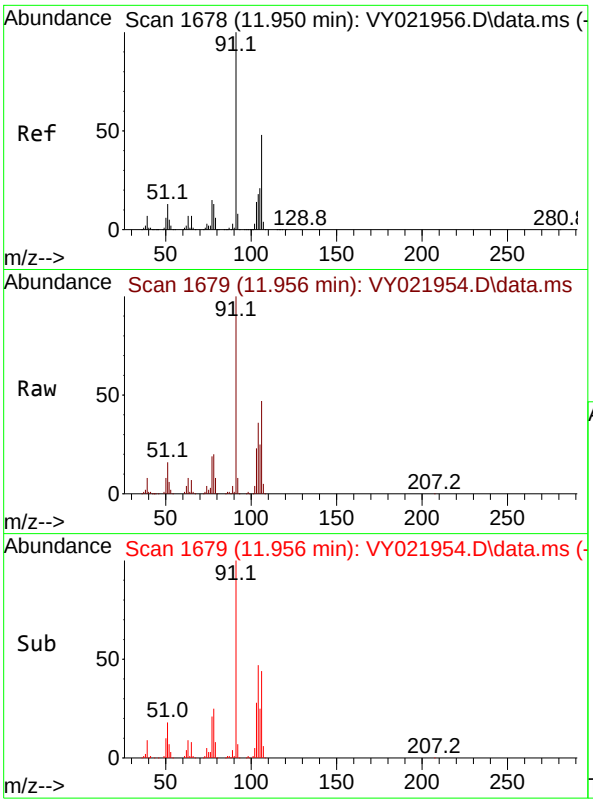


#68
m/p-Xylenes
Concen: 19.789 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:106 Resp: 120544

Ion	Ratio	Lower	Upper
106	100		
91	194.6	156.2	234.2

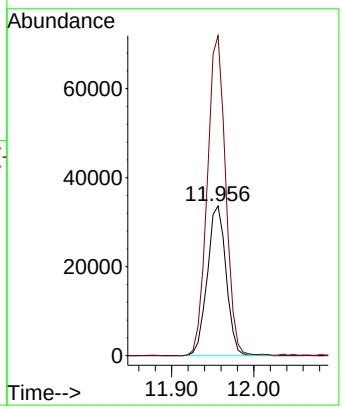




#69
o-Xylene
Concen: 9.521 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:106 Resp: 5345

Ion	Ratio	Lower	Upper
106	100		
91	208.8	103.0	308.9



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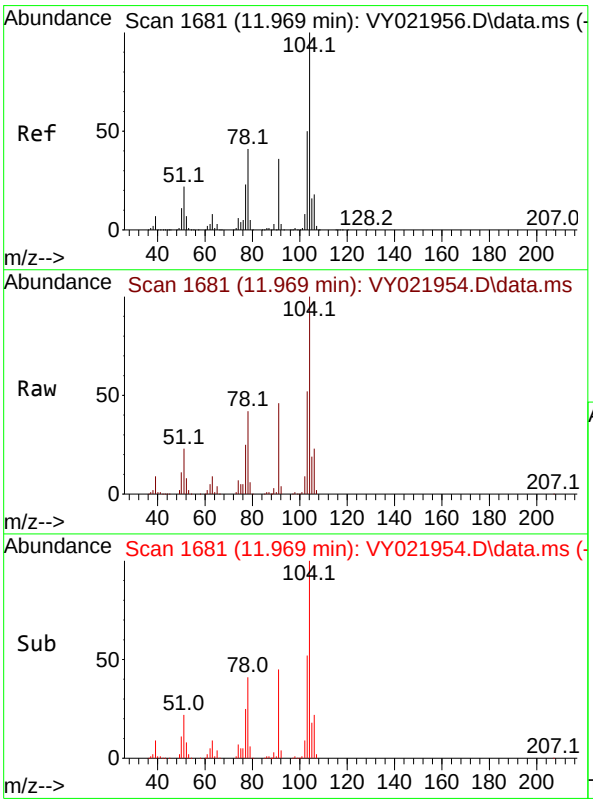
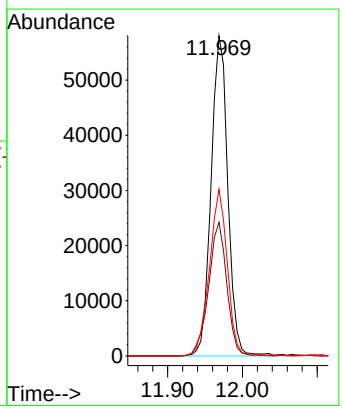
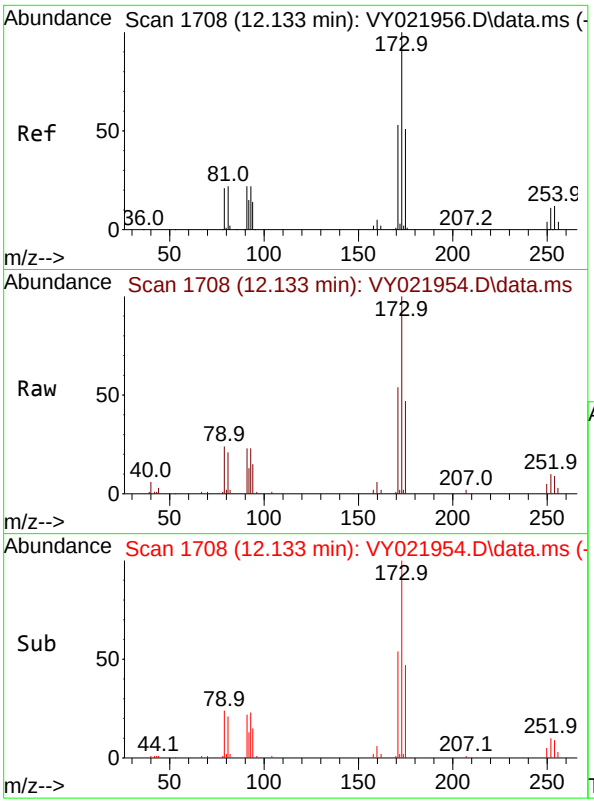


#70
Styrene
Concen: 9.588 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:104 Resp: 90382

Ion	Ratio	Lower	Upper
104	100		
78	45.5	36.6	54.8
103	55.7	43.8	65.8

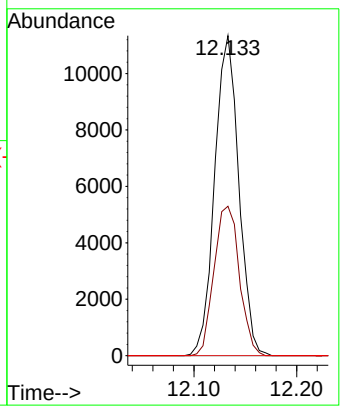




#71
Bromoform
Concen: 9.648 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:173 Resp: 1848

Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.3	72.8
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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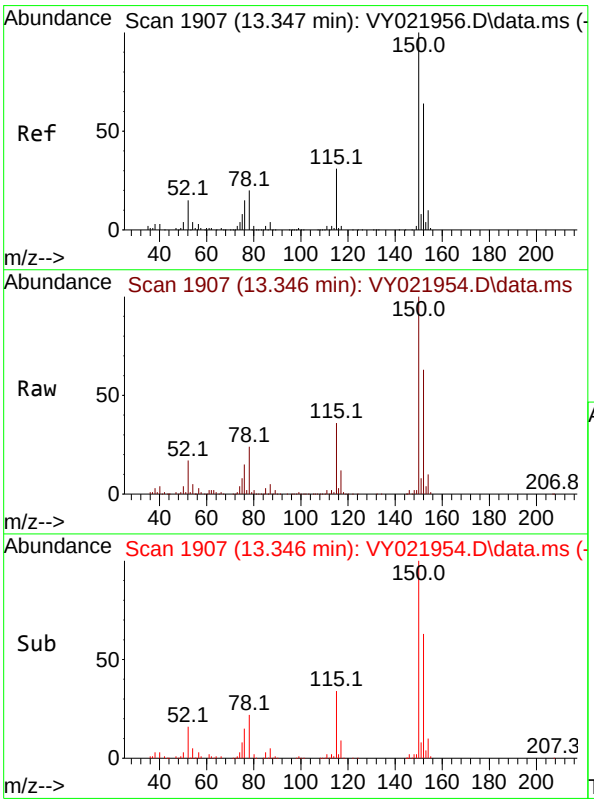
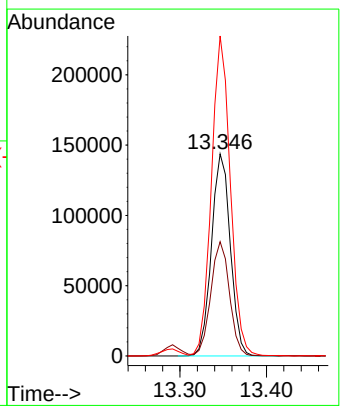
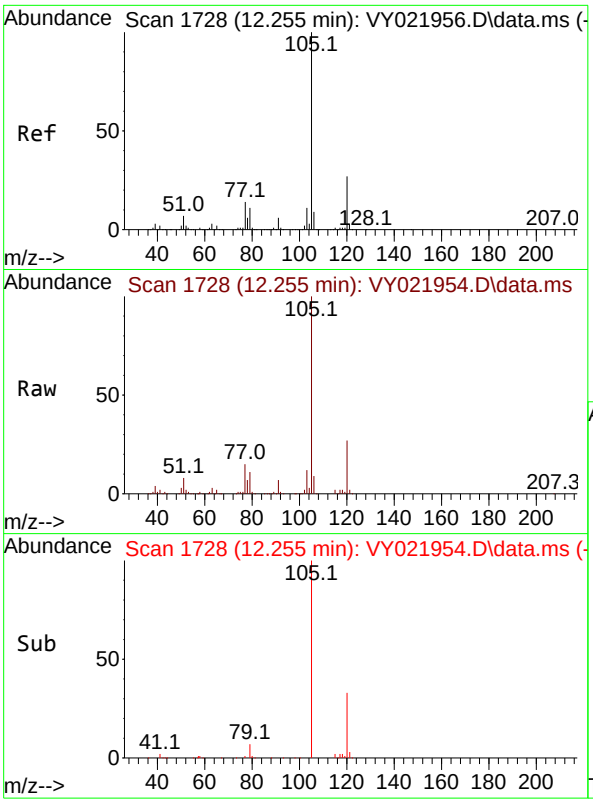


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:152 Resp: 217358

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.0	84.0
150	158.8	0.0	345.6

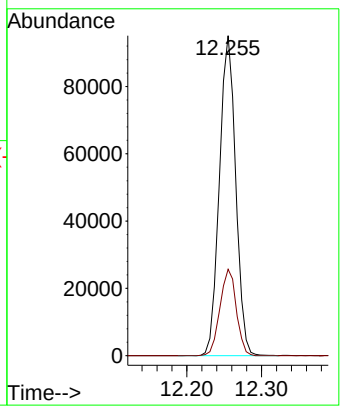




#73
Isopropylbenzene
Concen: 9.928 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:105 Resp: 14416

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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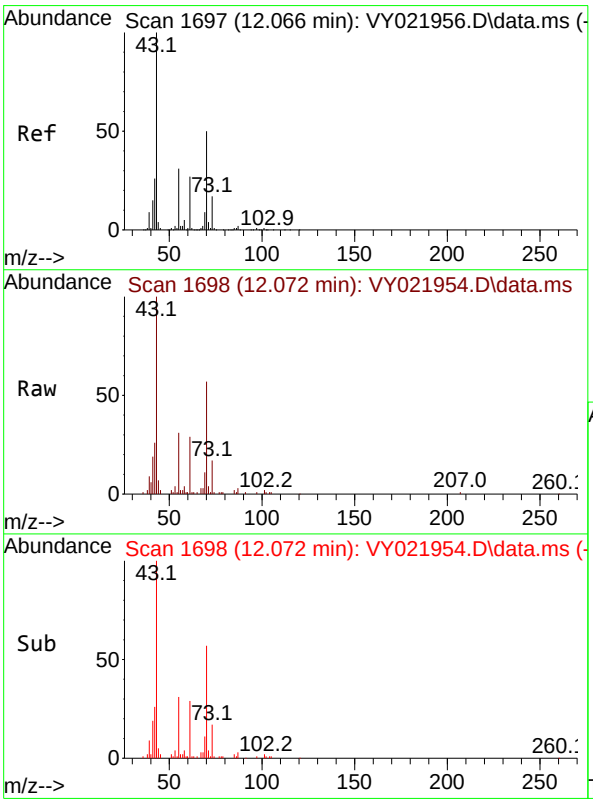
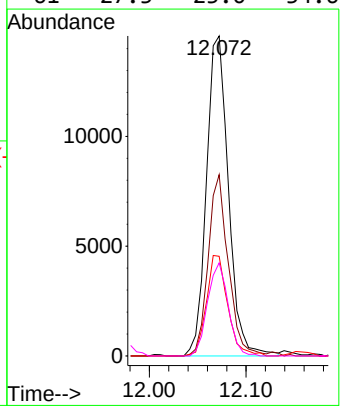
Supervised By :Mahesh Dadoda 04/23/2025

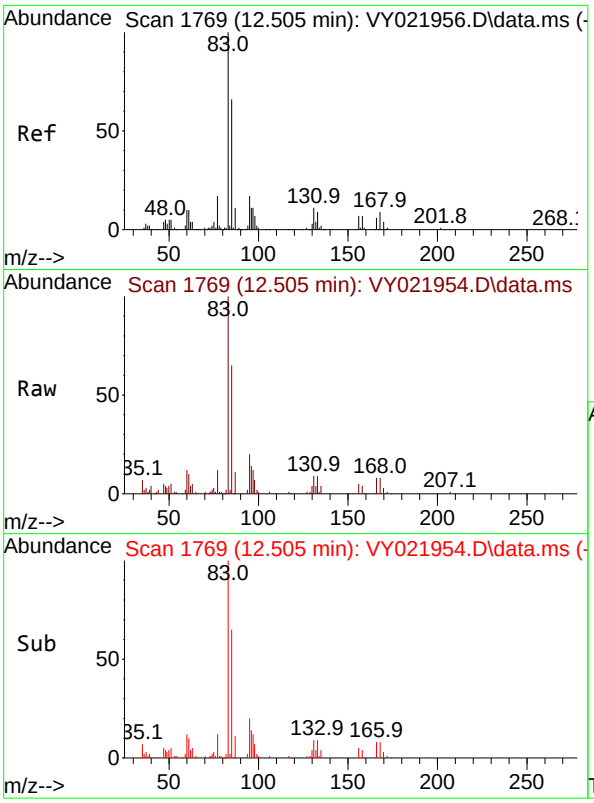


#74
N-amyl acetate
Concen: 9.242 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 43 Resp: 23058

Ion	Ratio	Lower	Upper
43	100		
70	51.9	43.2	64.8
55	30.4	25.7	38.5
61	27.3	23.0	34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 9.971 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 83 Resp: 2441

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	61.5	32.3	96.8

Instrument :
MSVOA_Y
ClientSampleId :
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Manual Integrations
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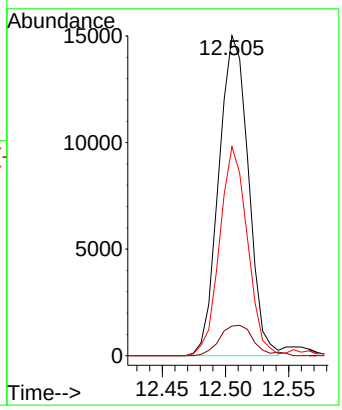
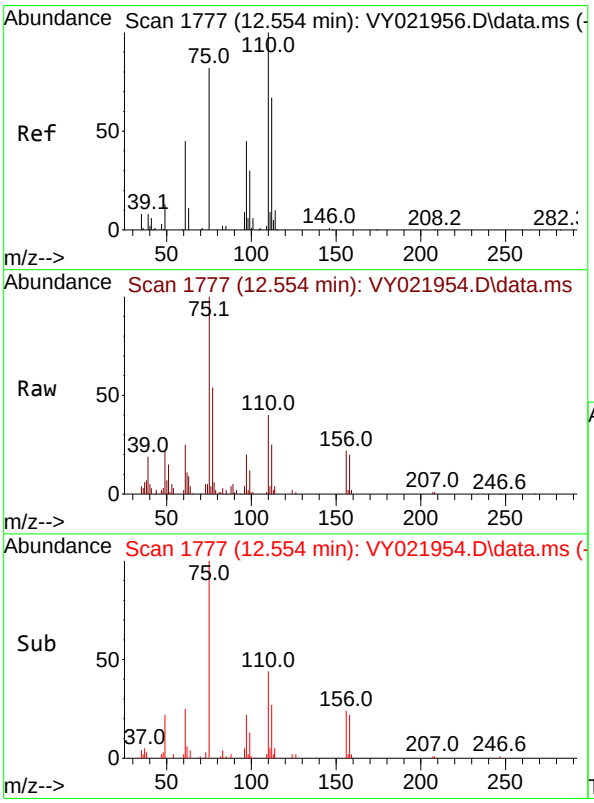
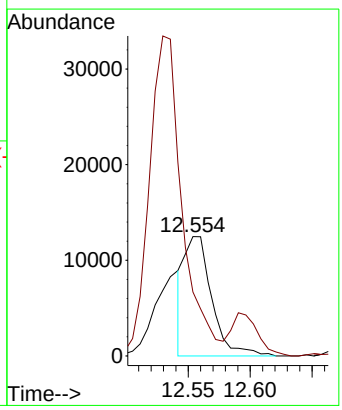


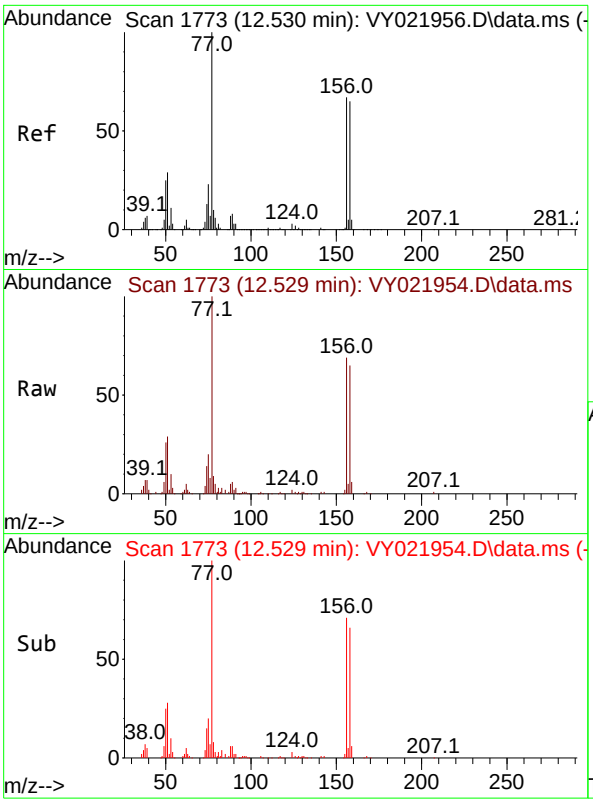


#76
1,2,3-Trichloropropane
Concen: 10.092 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 19328

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

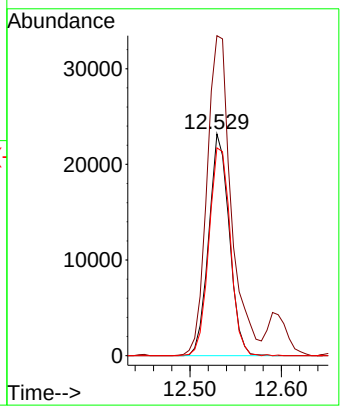




#77
Bromobenzene
Concen: 9.845 ug/l
RT: 12.529 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:156 Resp: 3612

Ion	Ratio	Lower	Upper
156	100		
77	170.7	82.7	248.1
158	97.5	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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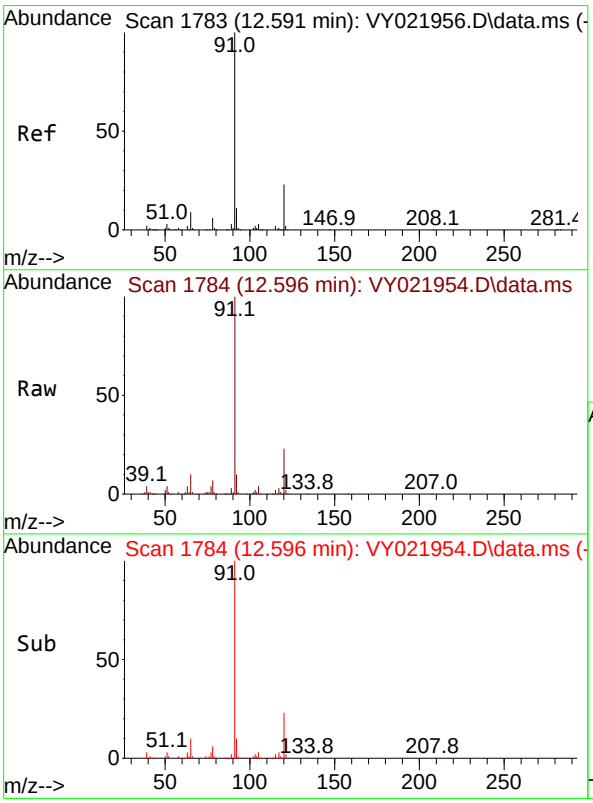
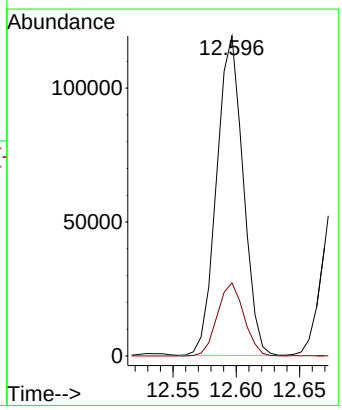
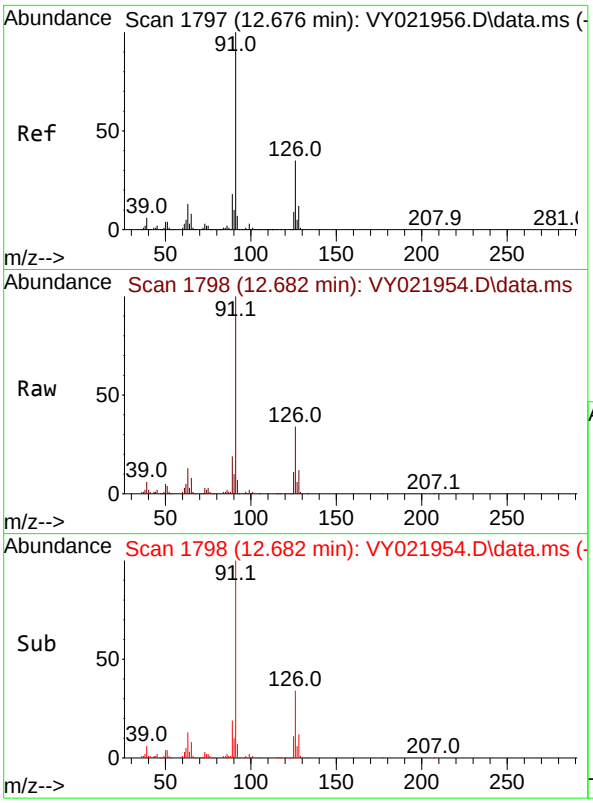


#78
n-propylbenzene
Concen: 10.045 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 91 Resp: 173723

Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.9	35.5

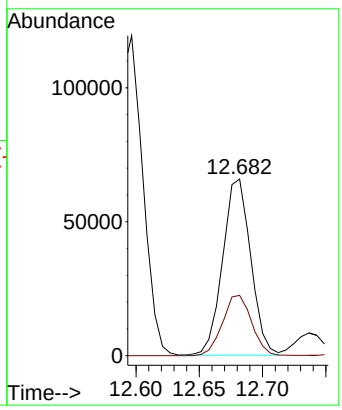




#79
2-Chlorotoluene
Concen: 10.127 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 91 Resp: 10185

Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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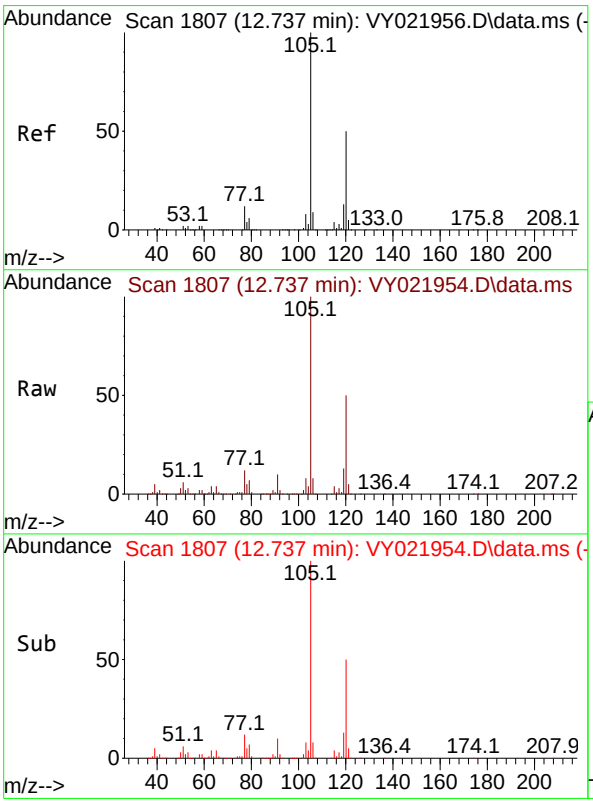
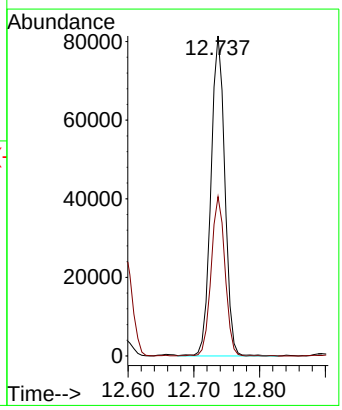
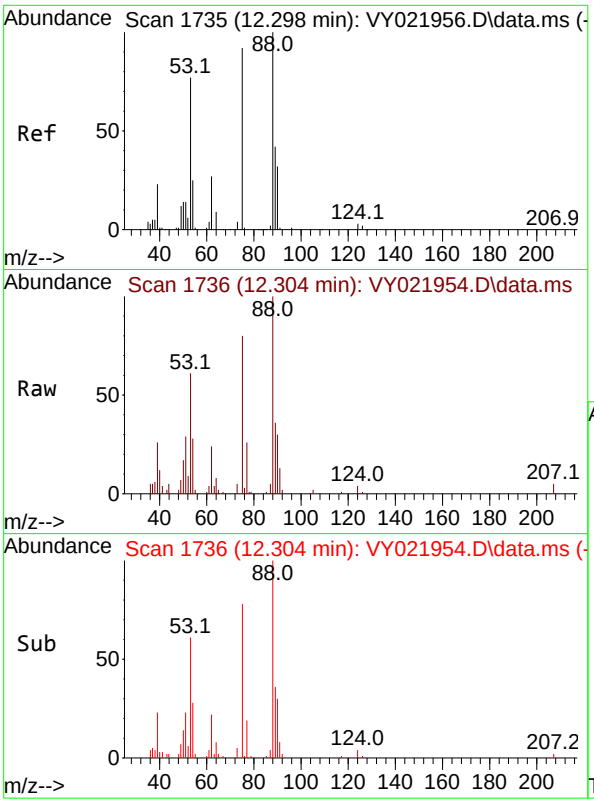


#80
1,3,5-Trimethylbenzene
Concen: 10.018 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:105 Resp: 119871

Ion	Ratio	Lower	Upper
105	100		
120	49.6	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 9.773 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 755

Ion	Ratio	Lower	Upper
75	100		
53	84.6	66.0	99.0
89	47.0	37.2	55.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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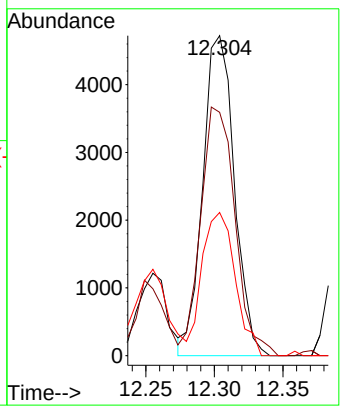
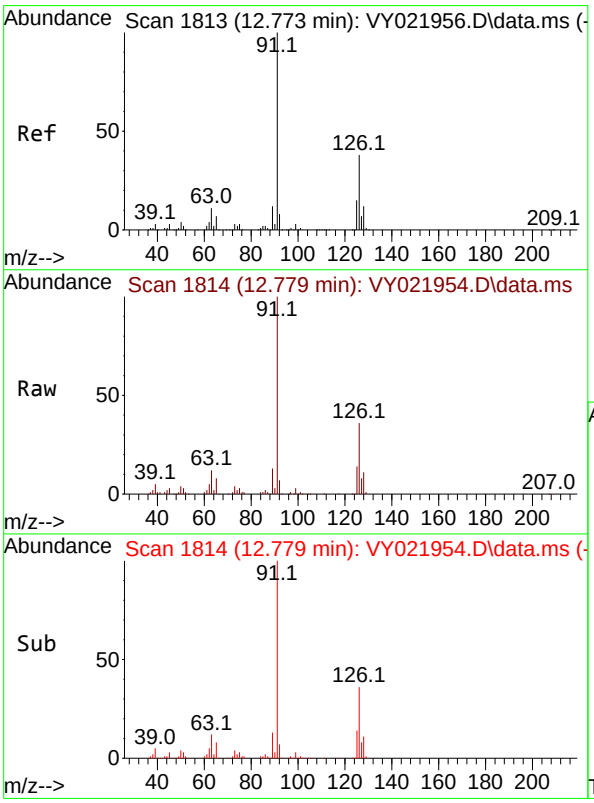
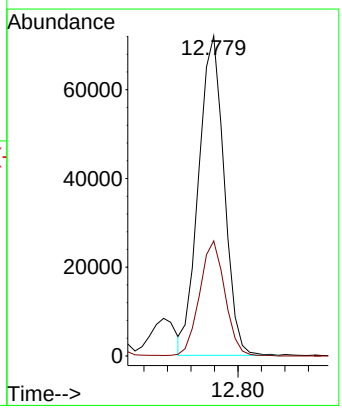


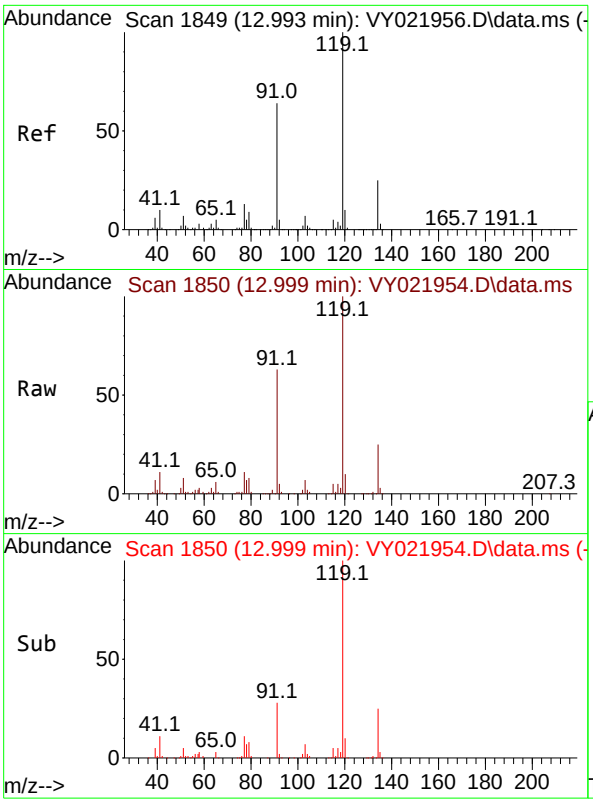


#82
4-Chlorotoluene
Concen: 10.400 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 91 Resp: 108734

Ion	Ratio	Lower	Upper
91	100		
126	35.8	17.9	53.8

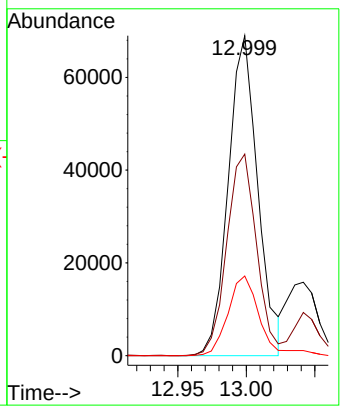




#83
tert-Butylbenzene
Concen: 9.649 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:119 Resp: 10354

Ion	Ratio	Lower	Upper
119	100		
91	63.8	30.3	90.9
134	26.8	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

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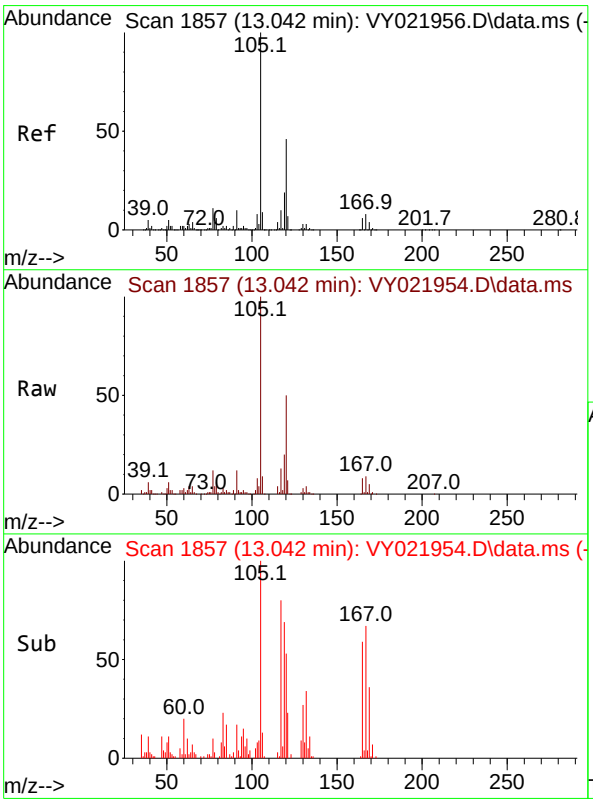
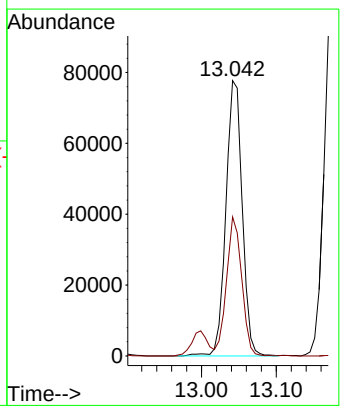
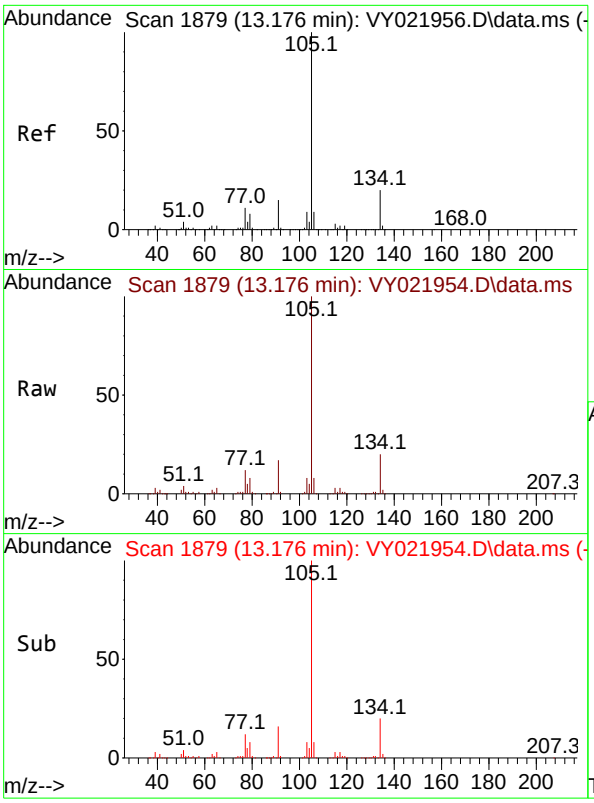


#84
1,2,4-Trimethylbenzene
Concen: 9.870 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:105 Resp: 118119

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0

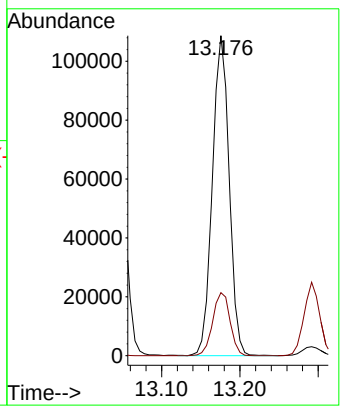




#85
sec-Butylbenzene
Concen: 10.311 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:105 Resp: 16190

Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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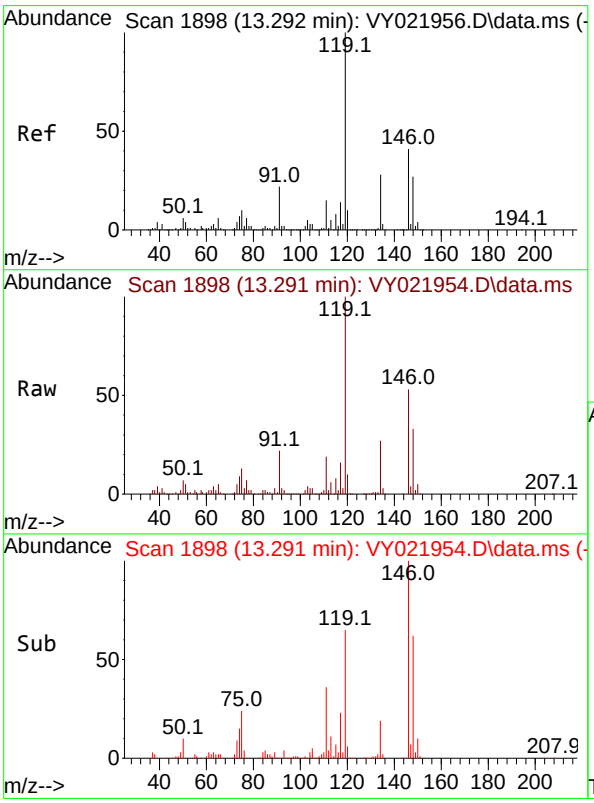
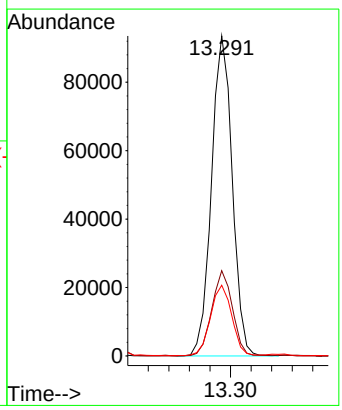
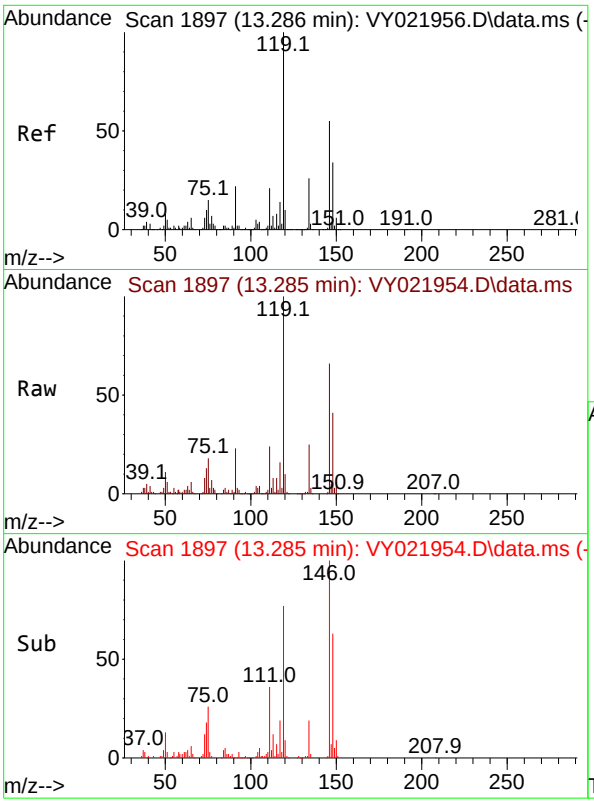


#86
p-Isopropyltoluene
Concen: 9.834 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:119 Resp: 131120

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.6	40.7
91	22.5	11.0	33.0

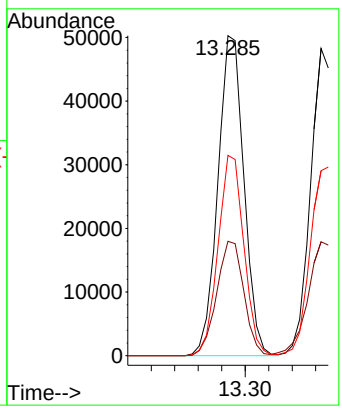




#87
1,3-Dichlorobenzene
Concen: 10.404 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:146 Resp: 7753

Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.5
148	61.9	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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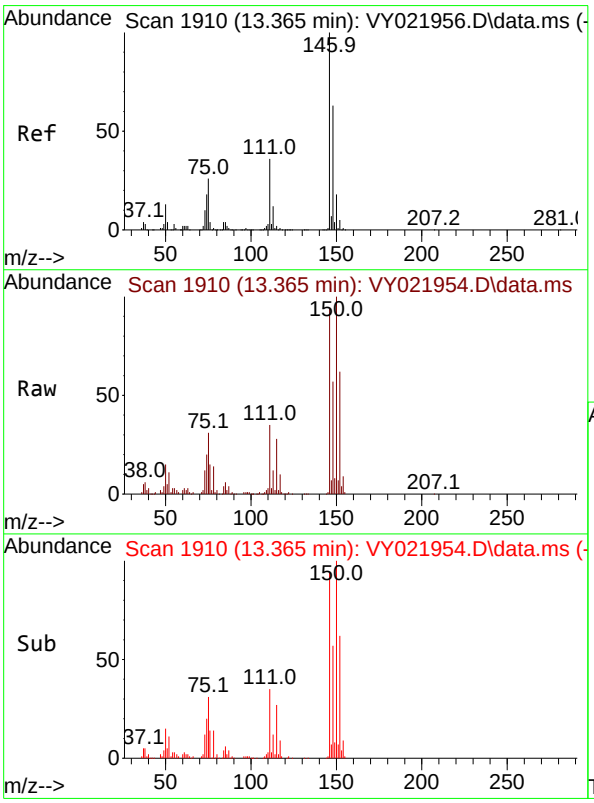
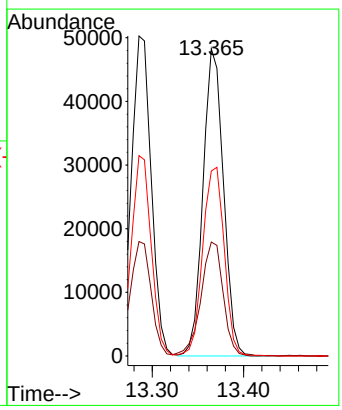
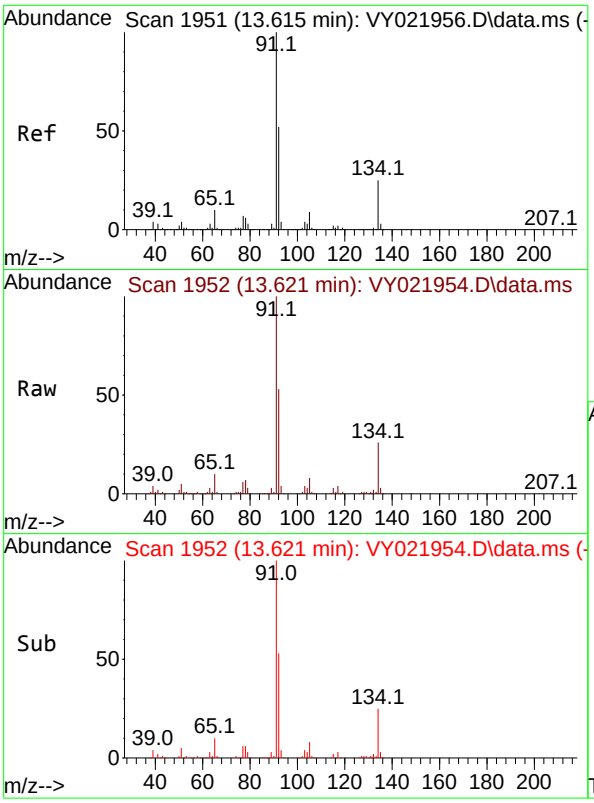


#88
1,4-Dichlorobenzene
Concen: 10.167 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:146 Resp: 75043

Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.2	57.6
148	64.6	32.0	96.0

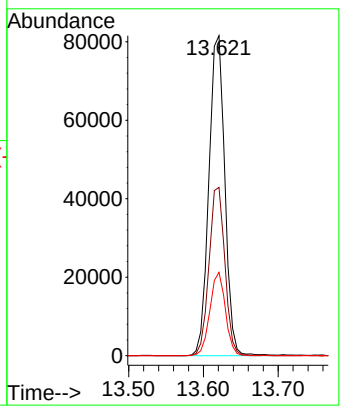




#89
n-Butylbenzene
Concen: 10.177 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 91 Resp: 12129

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.5
134	25.3	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

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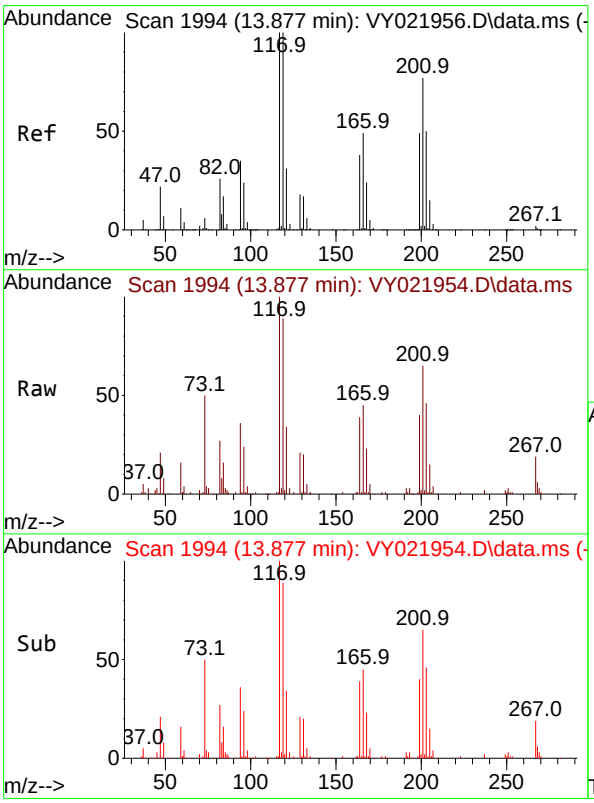
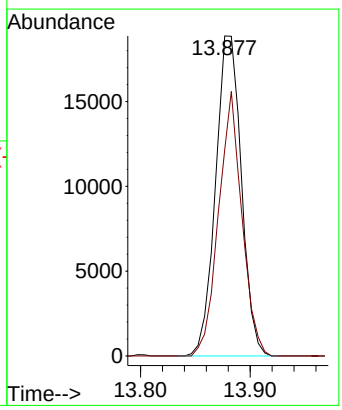
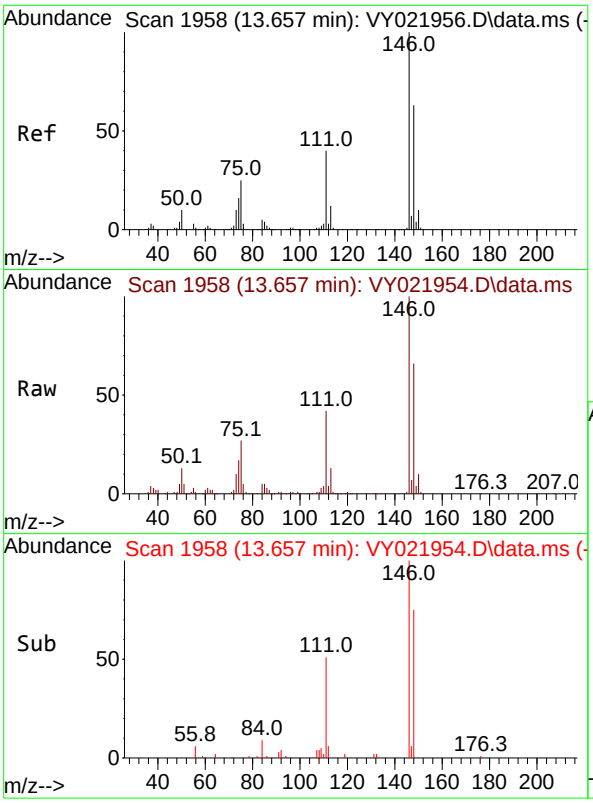


#90
Hexachloroethane
Concen: 10.541 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:117 Resp: 30881

Ion	Ratio	Lower	Upper
117	100		
201	74.6	38.7	116.1

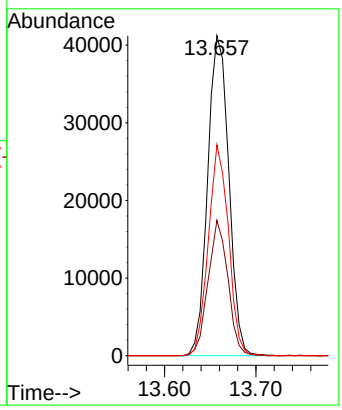




#91
1,2-Dichlorobenzene
Concen: 10.178 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:146 Resp: 6615

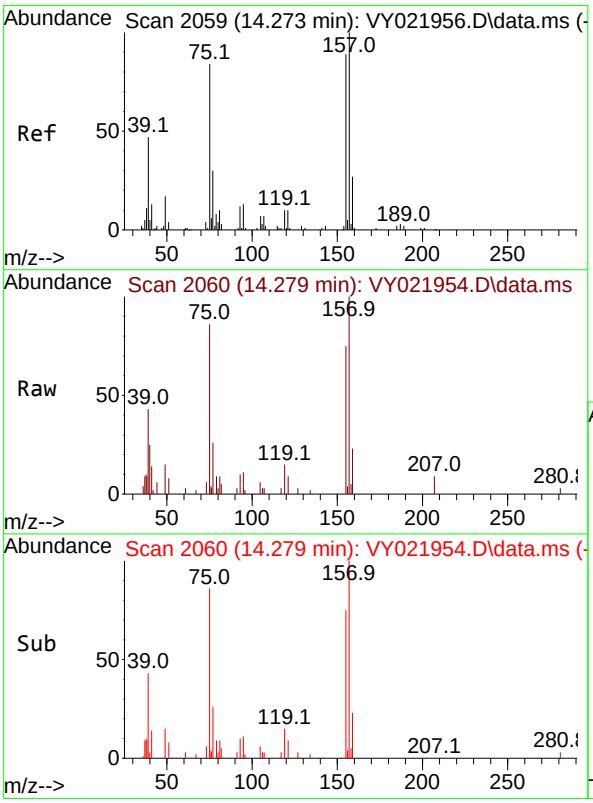
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	62.9	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

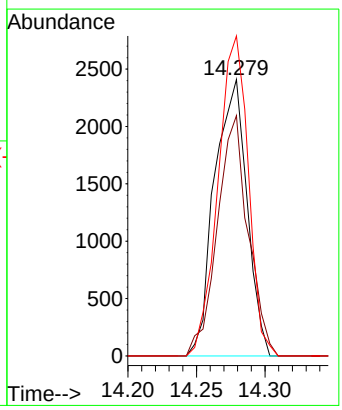
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

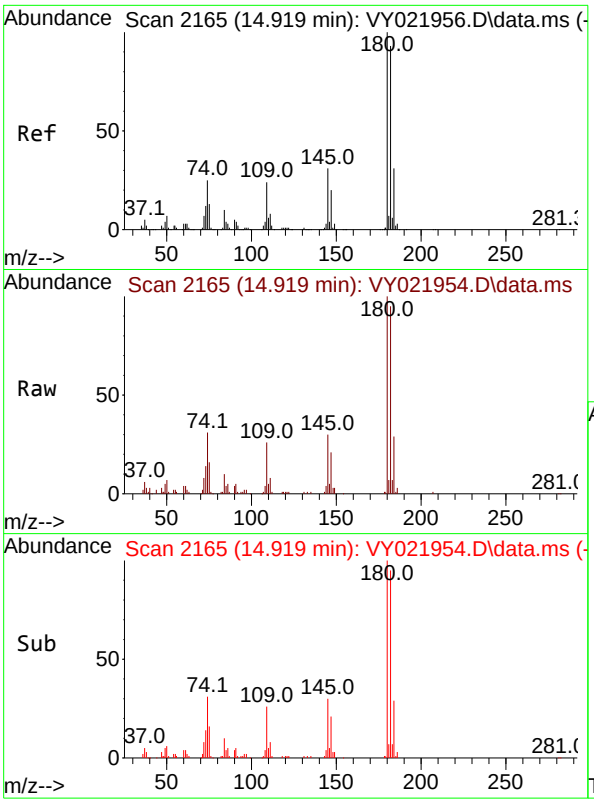


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.153 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion: 75 Resp: 3955

Ion	Ratio	Lower	Upper
75	100		
155	82.8	50.7	152.3
157	108.3	62.6	187.8

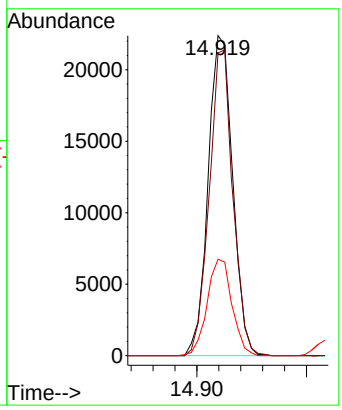




#93
1,2,4-Trichlorobenzene
Concen: 9.446 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:180 Resp: 3479

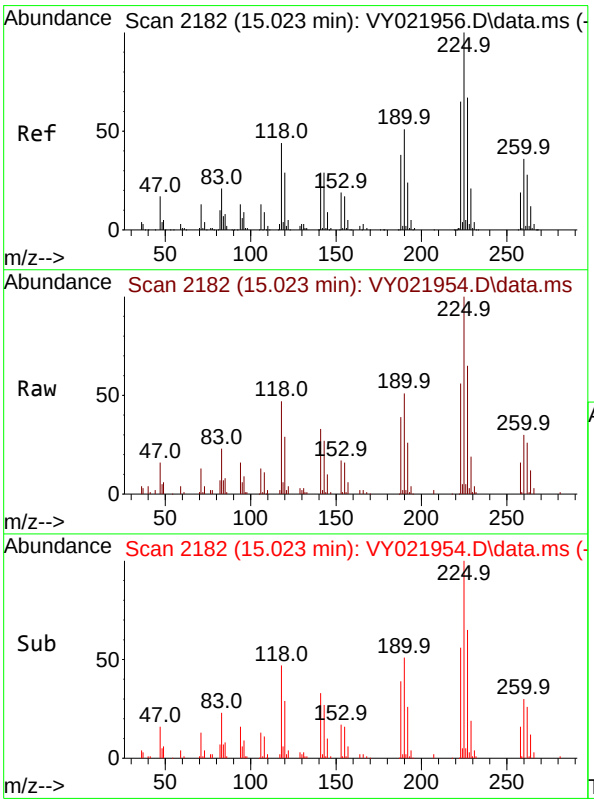
Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.1	141.4
145	30.5	15.0	45.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

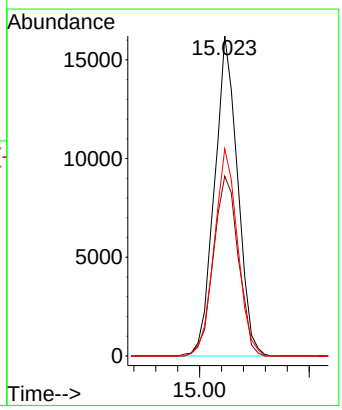
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

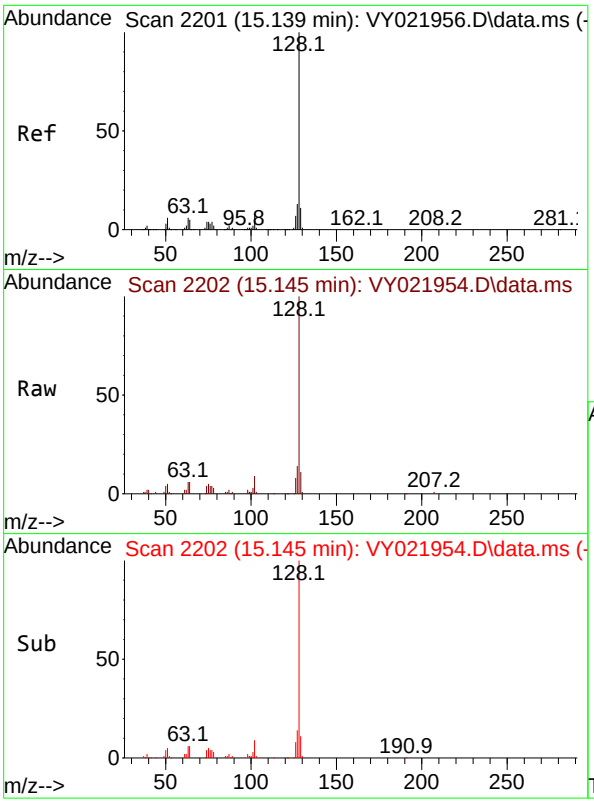


#94
Hexachlorobutadiene
Concen: 10.457 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:225 Resp: 23698

Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.9	95.5
227	65.5	32.3	96.9

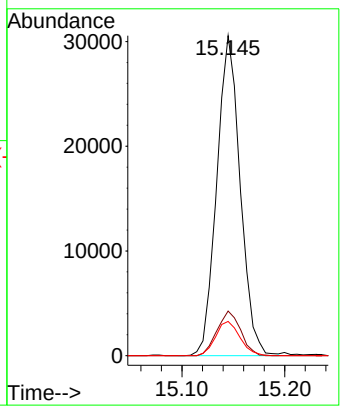




#95
Naphthalene
Concen: 7.904 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:128 Resp: 4836

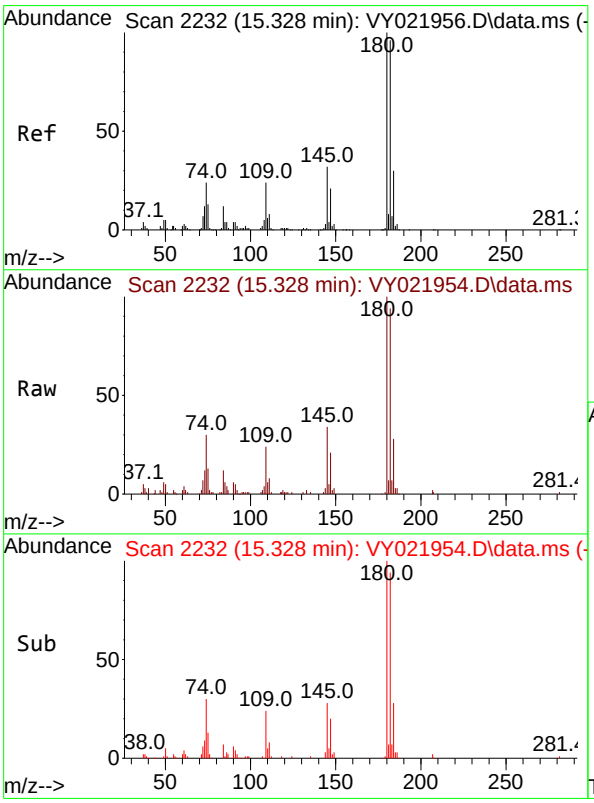
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	16.0
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

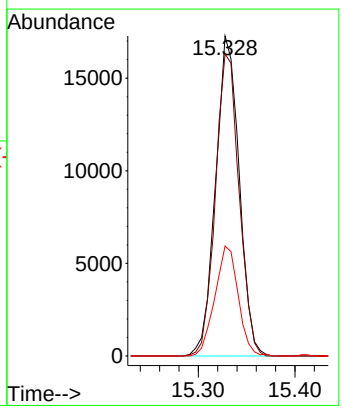
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 9.207 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY021954.D
Acq: 22 Apr 2025 14:44

Tgt Ion:180 Resp: 29276

Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.1	144.4
145	34.0	16.0	48.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021955.D
Acq On : 22 Apr 2025 15:07
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:10:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	302781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	479908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	443014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	236548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	55629	19.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	39.780%#		
35) Dibromofluoromethane	7.634	113	63419	20.003	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.000%#		
50) Toluene-d8	10.103	98	232431	19.446	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	38.900%#		
62) 4-Bromofluorobenzene	12.408	95	77034	19.144	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	38.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	49065	19.018	ug/l	94
3) Chloromethane	2.062	50	76990	20.957	ug/l	99
4) Vinyl Chloride	2.202	62	91757	20.326	ug/l	100
5) Bromomethane	2.586	94	81602	20.981	ug/l	95
6) Chloroethane	2.726	64	63501	20.654	ug/l	99
7) Trichlorofluoromethane	3.050	101	119529	20.079	ug/l	97
8) Diethyl Ether	3.452	74	30609	19.755	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	64172	19.872	ug/l	99
10) Methyl Iodide	4.001	142	73189	19.575	ug/l	100
11) Tert butyl alcohol	4.866	59	16584	108.012	ug/l #	89
12) 1,1-Dichloroethene	3.787	96	58505	19.437	ug/l	97
13) Acrolein	3.653	56	30883	112.069	ug/l	98
14) Allyl chloride	4.379	41	67622	19.294	ug/l	99
15) Acrylonitrile	5.061	53	59926	105.648	ug/l	98
16) Acetone	3.873	43	40190	96.689	ug/l	94
17) Carbon Disulfide	4.098	76	189988	19.796	ug/l	95
18) Methyl Acetate	4.385	43	27988	21.423	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	133523	19.820	ug/l	98
20) Methylene Chloride	4.610	84	69571	19.673	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	64547	19.148	ug/l	92
22) Diisopropyl ether	6.012	45	159414	20.439	ug/l	96
23) Vinyl Acetate	5.958	43	424128	100.901	ug/l	100
24) 1,1-Dichloroethane	5.915	63	108156	20.006	ug/l	99
25) 2-Butanone	6.896	43	65464	102.688	ug/l	96
26) 2,2-Dichloropropane	6.878	77	92415	19.503	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	73114	19.398	ug/l	97
28) Bromochloromethane	7.244	49	44154	21.027	ug/l	99
29) Tetrahydrofuran	7.262	42	43665	105.459	ug/l	99
30) Chloroform	7.421	83	117934	19.666	ug/l	97
31) Cyclohexane	7.701	56	89380	19.333	ug/l	91
32) 1,1,1-Trichloroethane	7.610	97	108468	19.993	ug/l	98
36) 1,1-Dichloropropene	7.835	75	81459	19.127	ug/l	99
37) Ethyl Acetate	6.982	43	31319	20.755	ug/l	99
38) Carbon Tetrachloride	7.817	117	98308	19.318	ug/l	98
39) Methylcyclohexane	9.109	83	99570	18.578	ug/l	95
40) Benzene	8.079	78	259371	19.482	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021955.D
Acq On : 22 Apr 2025 15:07
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 23 02:10:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.238	41	19946m	23.846	ug/l		
42) 1,2-Dichloroethane	8.158	62	67235	20.398	ug/l		100
43) Isopropyl Acetate	8.195	43	60204	20.495	ug/l	#	87
44) Trichloroethene	8.866	130	70896	19.226	ug/l		96
45) 1,2-Dichloropropane	9.140	63	57934	19.678	ug/l		98
46) Dibromomethane	9.225	93	36893	20.018	ug/l		97
47) Bromodichloromethane	9.420	83	89049	19.341	ug/l		99
48) Methyl methacrylate	9.219	41	28211	20.775	ug/l		97
49) 1,4-Dioxane	9.237	88	8497	432.566	ug/l		96
51) 4-Methyl-2-Pentanone	9.999	43	159902	103.844	ug/l		99
52) Toluene	10.170	92	168035	19.499	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	76629	19.404	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	92726	19.753	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	50105	20.353	ug/l		99
56) Ethyl methacrylate	10.438	69	55703	19.786	ug/l		99
57) 1,3-Dichloropropane	10.713	76	77652	19.676	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	140435	102.027	ug/l		99
59) 2-Hexanone	10.762	43	104321	102.714	ug/l		98
60) Dibromochloromethane	10.908	129	67988	19.948	ug/l		99
61) 1,2-Dibromoethane	11.012	107	46699	20.093	ug/l		98
64) Tetrachloroethene	10.646	164	81915	19.600	ug/l		98
65) Chlorobenzene	11.438	112	186901	18.866	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	66586	19.091	ug/l		99
67) Ethyl Benzene	11.518	91	304501	18.789	ug/l		99
68) m/p-Xylenes	11.627	106	247677	38.407	ug/l		99
69) o-Xylene	11.956	106	112603	18.945	ug/l		100
70) Styrene	11.969	104	191106	19.149	ug/l		99
71) Bromoform	12.133	173	39690	19.573	ug/l	#	98
73) Isopropylbenzene	12.255	105	293481	18.570	ug/l		100
74) N-amyl acetate	12.072	43	52325	19.271	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	52524	19.713	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	39530m	18.965	ug/l		
77) Bromobenzene	12.530	156	73838	18.490	ug/l		97
78) n-propylbenzene	12.597	91	357438	18.992	ug/l		99
79) 2-Chlorotoluene	12.676	91	206212	18.840	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	247372	18.997	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	16123	19.163	ug/l		96
82) 4-Chlorotoluene	12.773	91	214776	18.876	ug/l		100
83) tert-Butylbenzene	12.999	119	214149	18.337	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	248902	19.110	ug/l		99
85) sec-Butylbenzene	13.176	105	322522	18.873	ug/l		100
86) p-Isopropyltoluene	13.292	119	271440	18.706	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	150873	18.602	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	151864	18.905	ug/l		99
89) n-Butylbenzene	13.615	91	240816	18.566	ug/l		98
90) Hexachloroethane	13.877	117	58060	18.211	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	135650	19.175	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8864	20.910	ug/l		89
93) 1,2,4-Trichlorobenzene	14.919	180	74289	18.532	ug/l		99
94) Hexachlorobutadiene	15.023	225	45722	18.538	ug/l		98
95) Naphthalene	15.145	128	121454	18.238	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	64735	18.707	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021955.D
Acq On : 22 Apr 2025 15:07
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:10:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

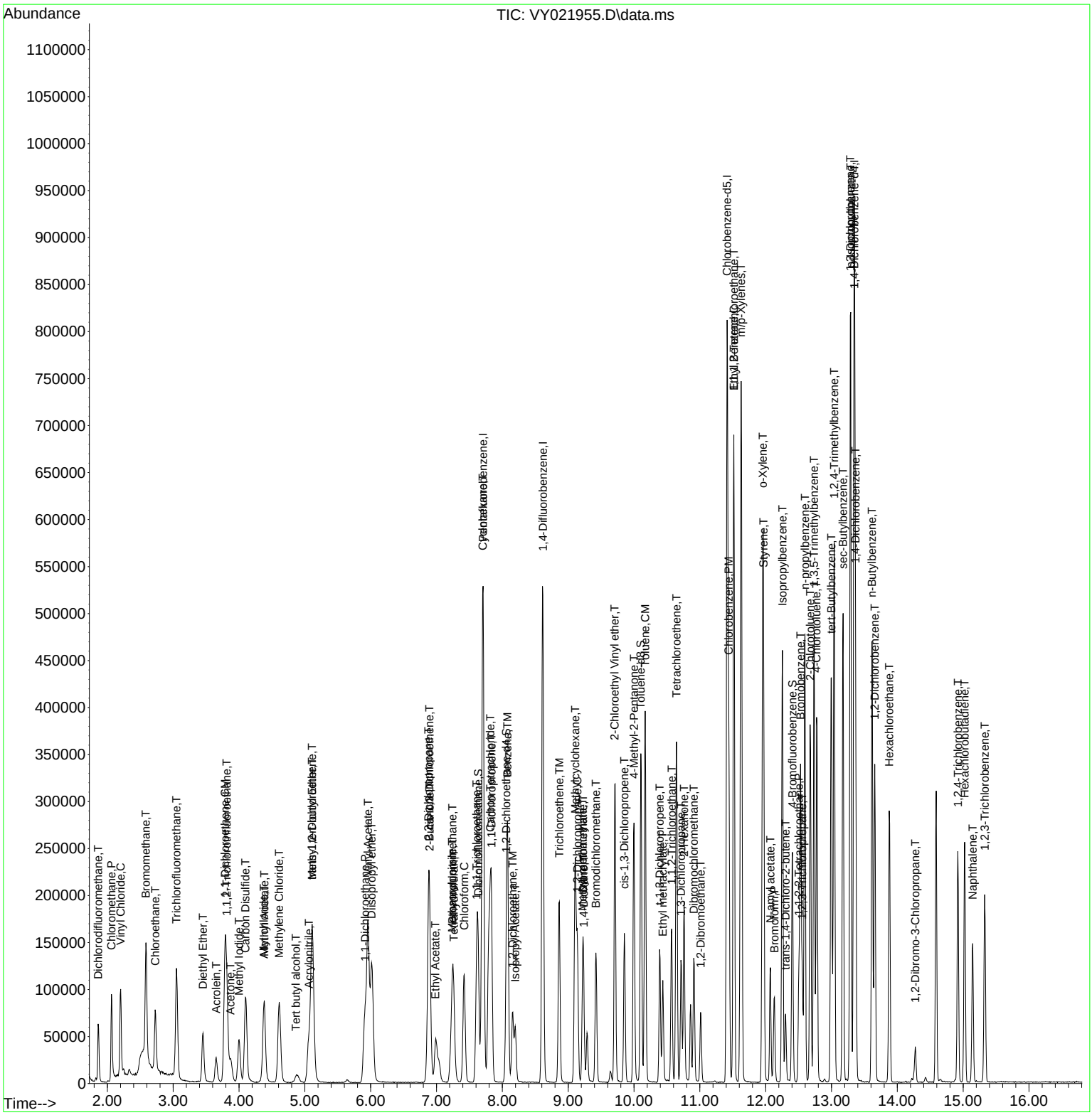
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021955.D
Acq On : 22 Apr 2025 15:07
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

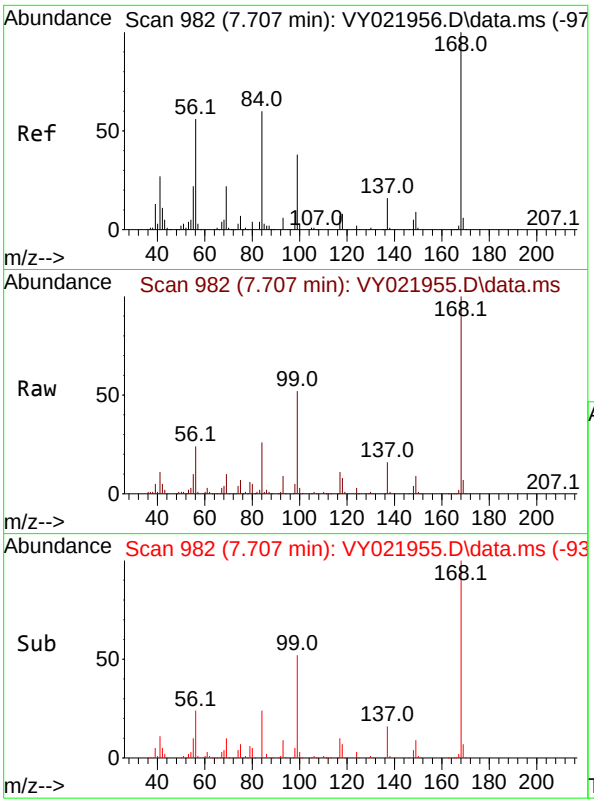
Quant Time: Apr 23 02:10:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

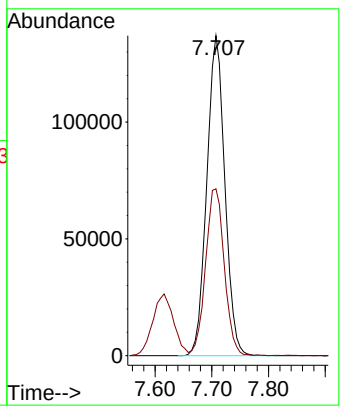




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:168 Resp: 30278

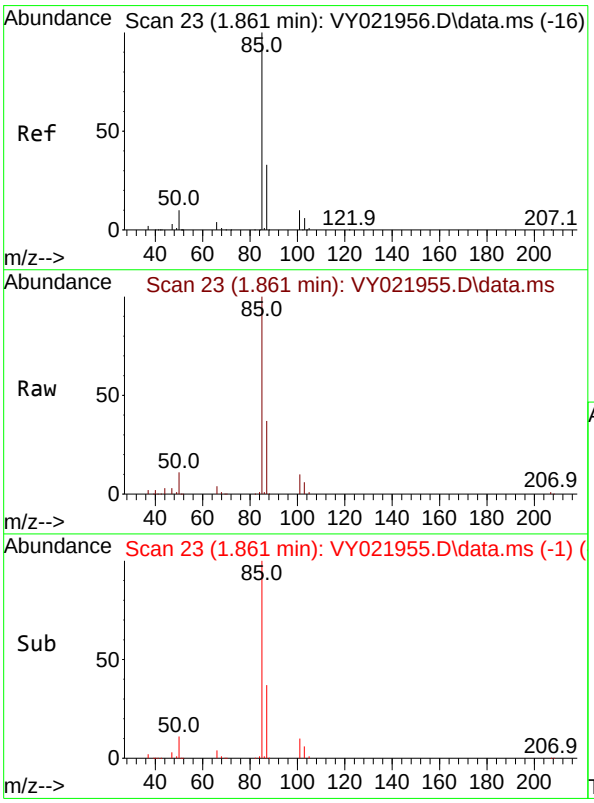
Ion	Ratio	Lower	Upper
168	100		
99	52.1	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

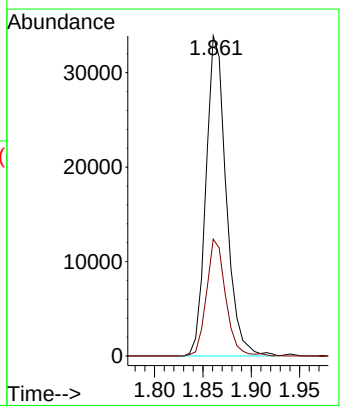
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

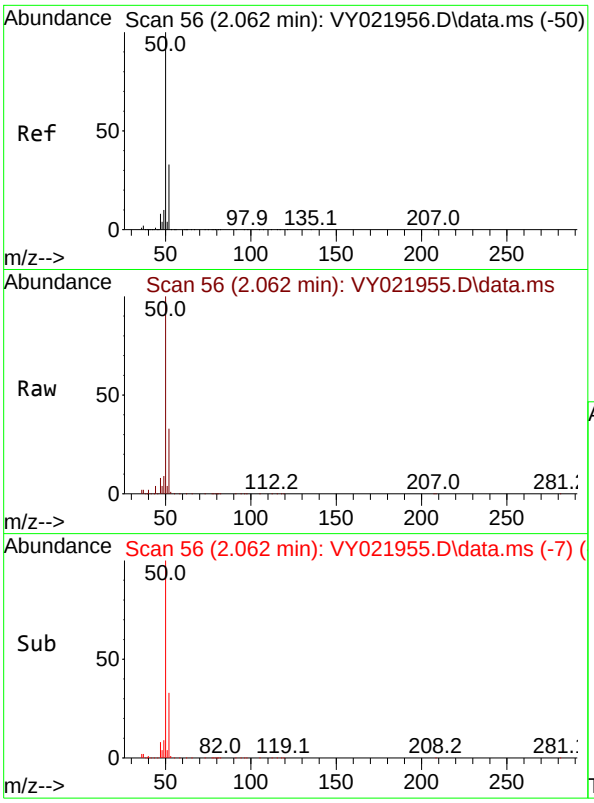


#2
Dichlorodifluoromethane
Concen: 19.018 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 85 Resp: 49065

Ion	Ratio	Lower	Upper
85	100		
87	36.5	16.6	49.7

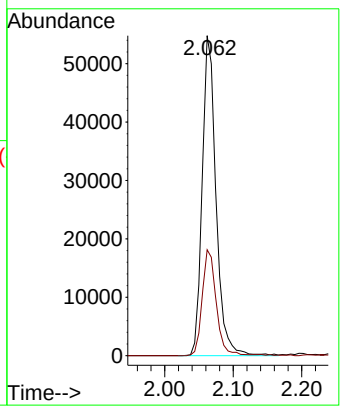




#3
Chloromethane
Concen: 20.957 ug/l
RT: 2.062 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 50 Resp: 7699

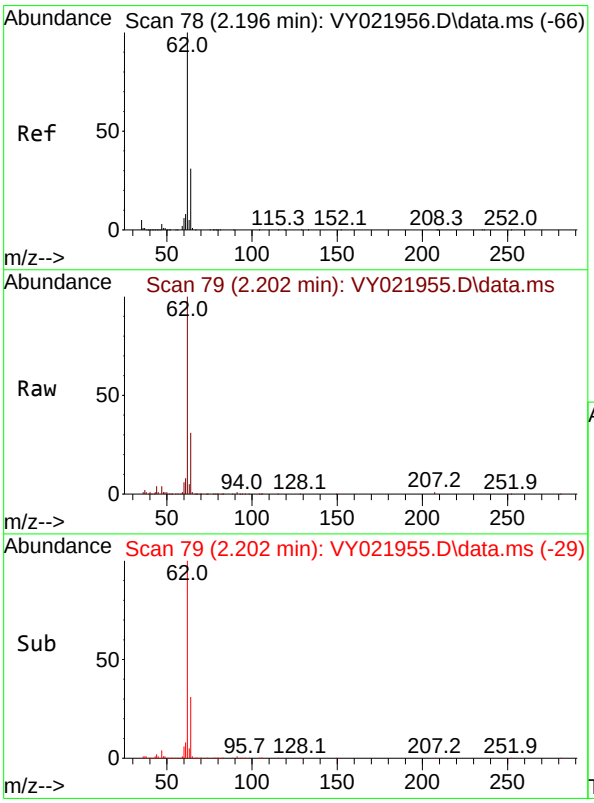
Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

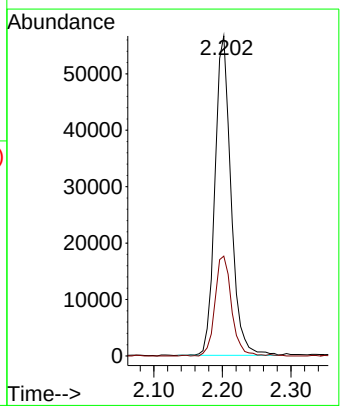
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

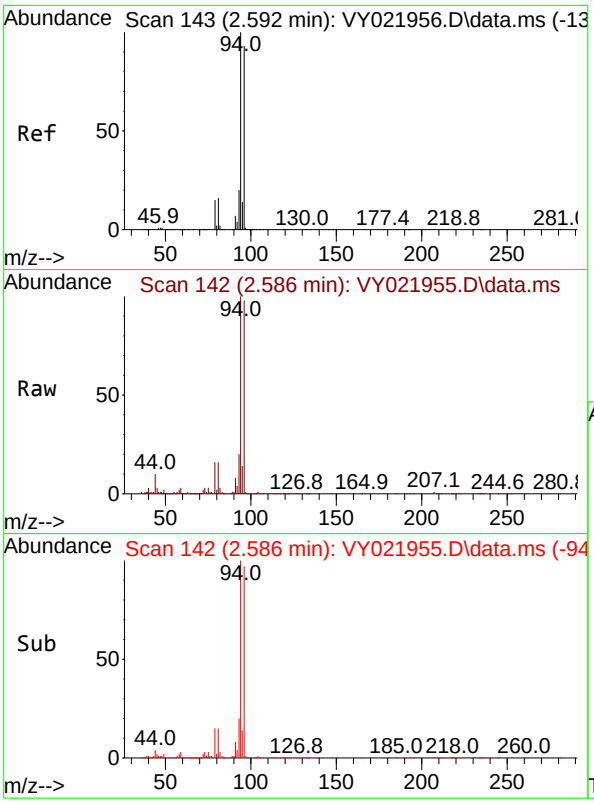


#4
Vinyl Chloride
Concen: 20.326 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 62 Resp: 91757

Ion	Ratio	Lower	Upper
62	100		
64	31.3	25.1	37.7





#5
Bromomethane
Concen: 20.981 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 94 Resp: 8160

Ion	Ratio	Lower	Upper
94	100		
96	97.7	74.6	111.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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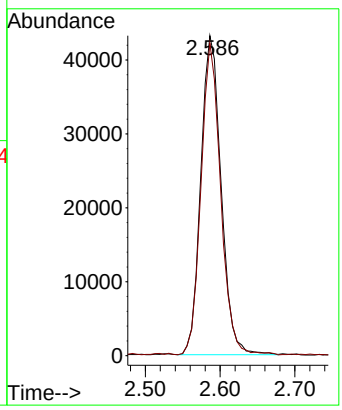
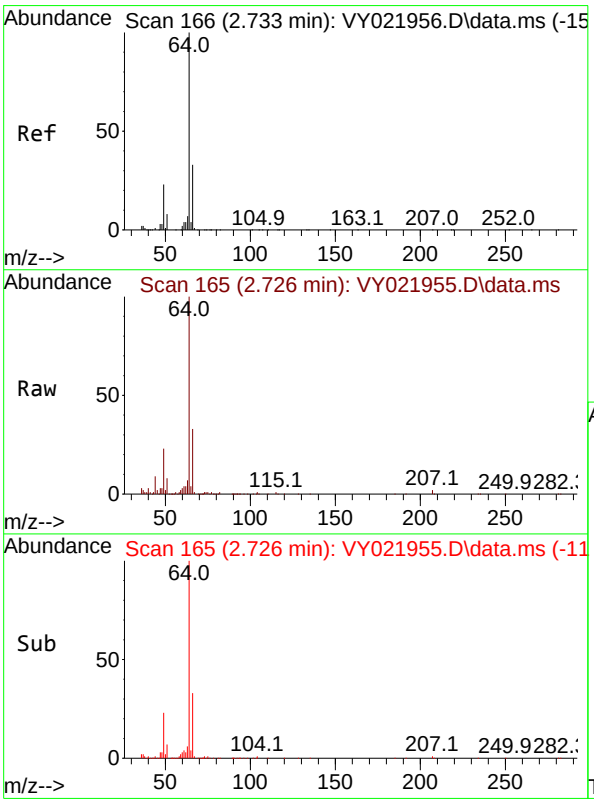
Supervised By :Mahesh Dadoda 04/23/2025

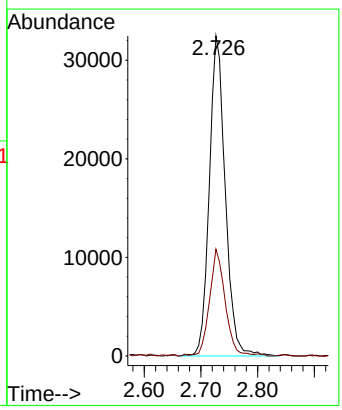


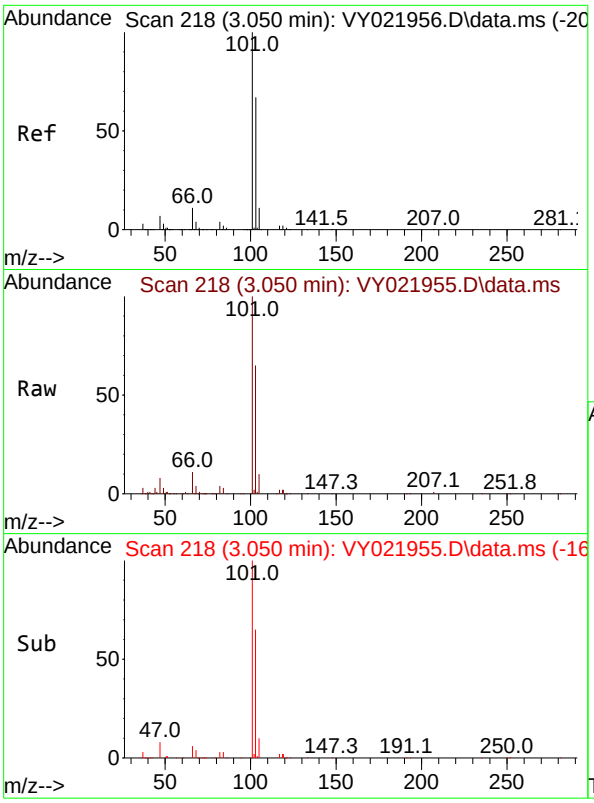


#6
Chloroethane
Concen: 20.654 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 64 Resp: 63501

Ion	Ratio	Lower	Upper
64	100		
66	33.3	26.2	39.4





#7
Trichlorofluoromethane
Concen: 20.079 ug/l
RT: 3.050 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:101 Resp: 11952

Ion	Ratio	Lower	Upper
101	100		
103	64.8	53.6	80.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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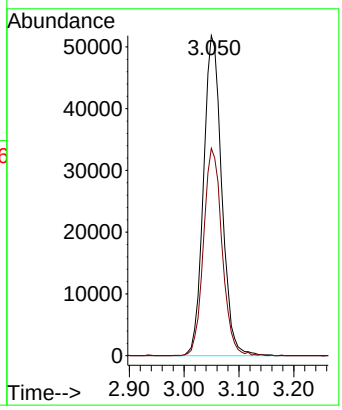
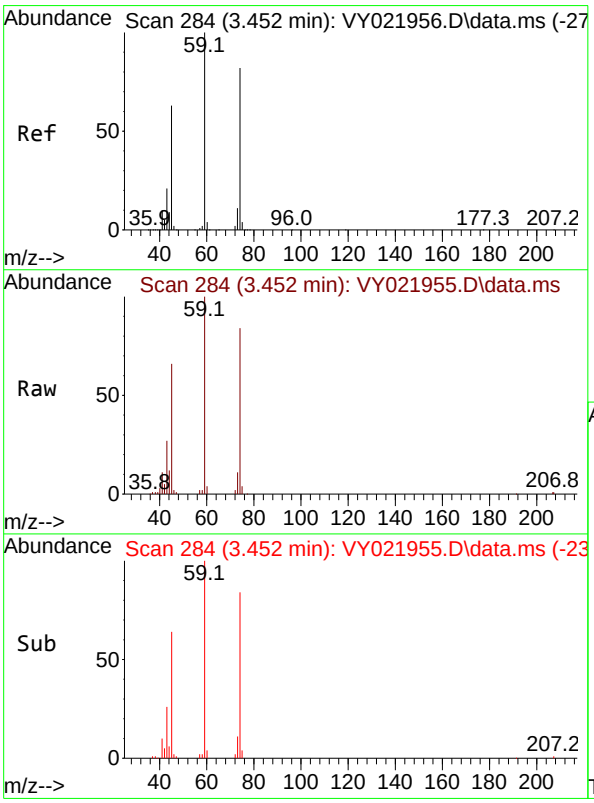
Supervised By :Mahesh Dadoda 04/23/2025

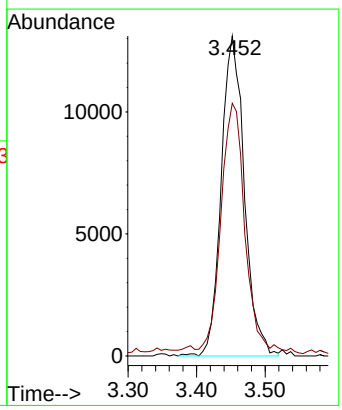


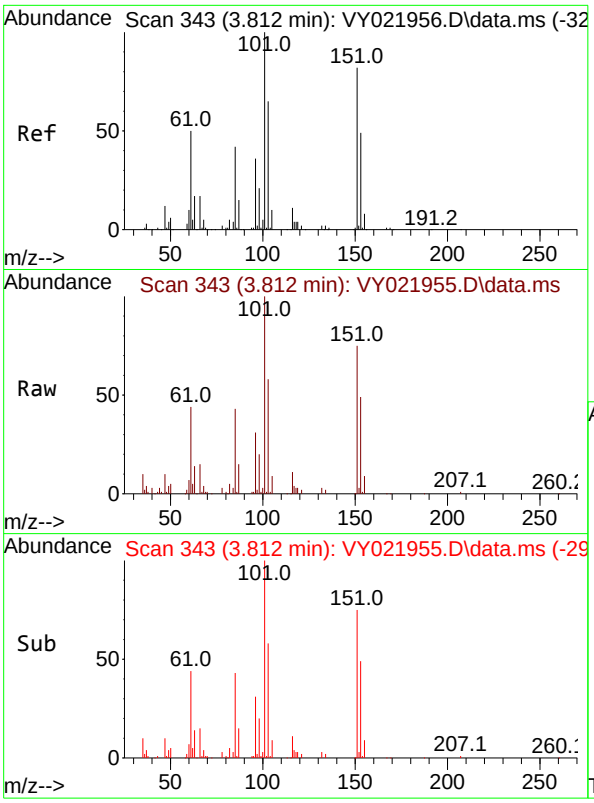


#8
Diethyl Ether
Concen: 19.755 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 74 Resp: 30609

Ion	Ratio	Lower	Upper
74	100		
45	81.9	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.872 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 6417

Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.6	51.8
151	78.5	63.7	95.5

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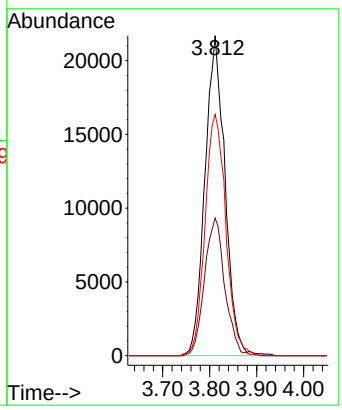
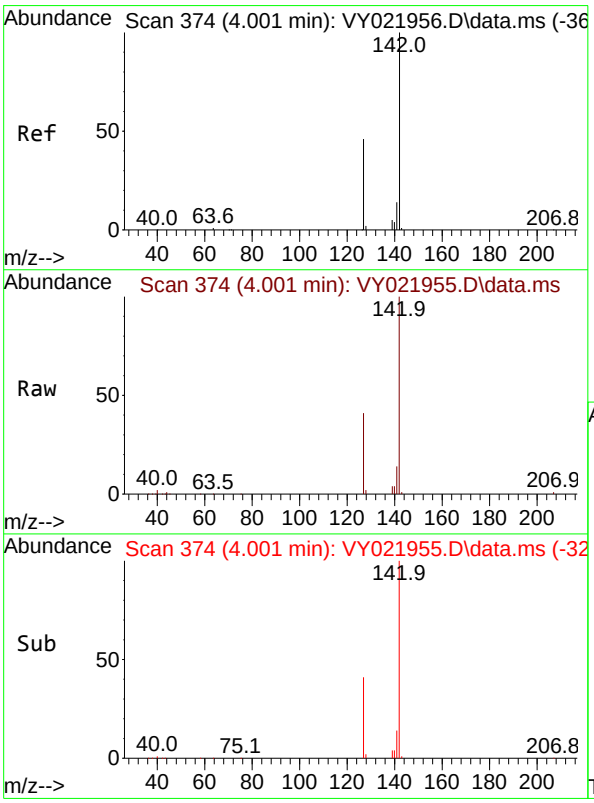
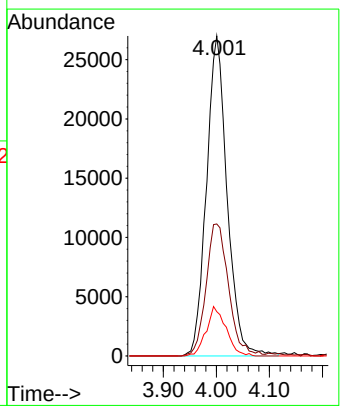


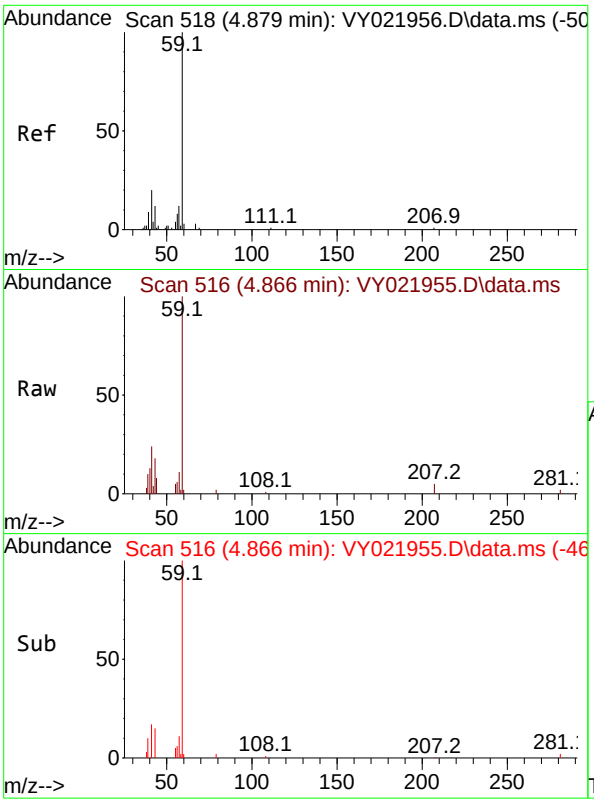


#10
Methyl Iodide
Concen: 19.575 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:142 Resp: 73189

Ion	Ratio	Lower	Upper
142	100		
127	44.9	36.2	54.2
141	14.8	11.7	17.5

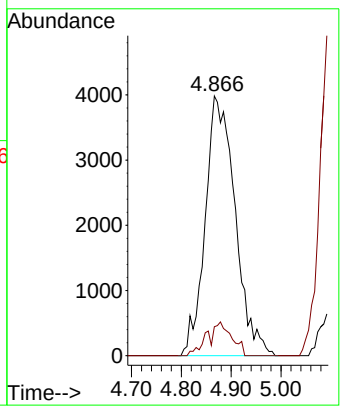




#11
Tert butyl alcohol
Concen: 108.012 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 59 Resp: 1658

Ion	Ratio	Lower	Upper
59	100		
57	7.5	9.3	13.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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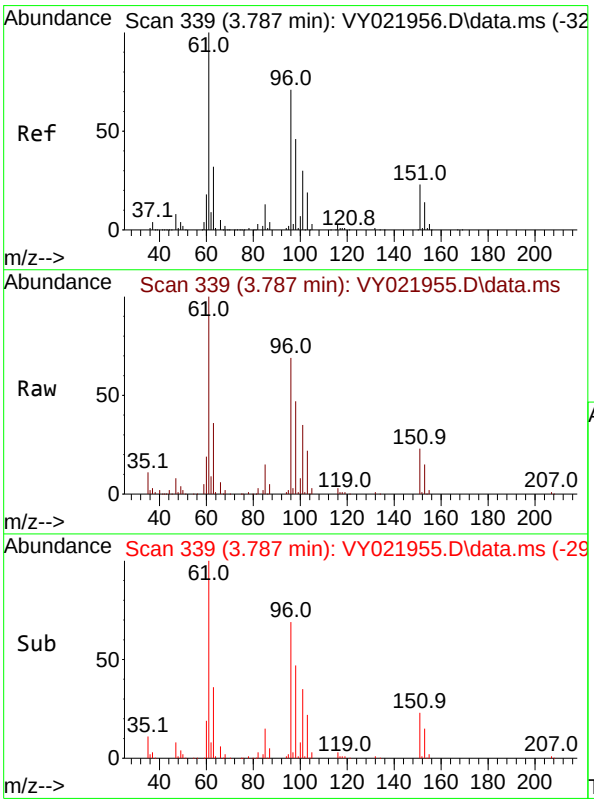
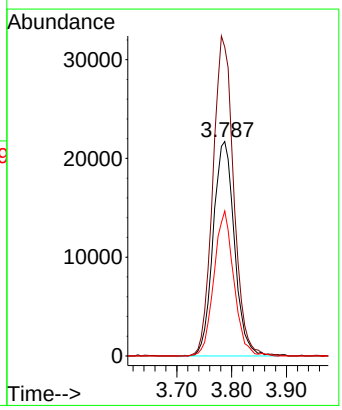
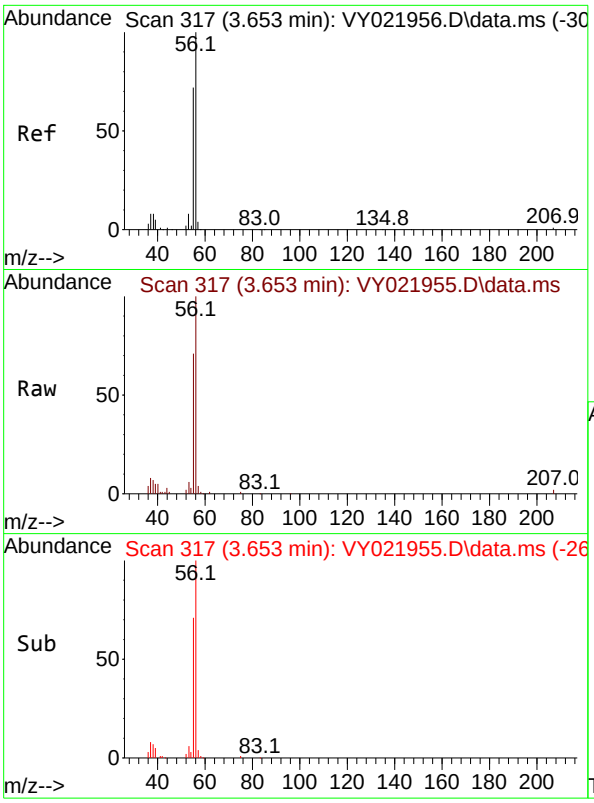


#12
1,1-Dichloroethene
Concen: 19.437 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 96 Resp: 58505

Ion	Ratio	Lower	Upper
96	100		
61	144.0	113.0	169.4
98	67.6	51.4	77.2

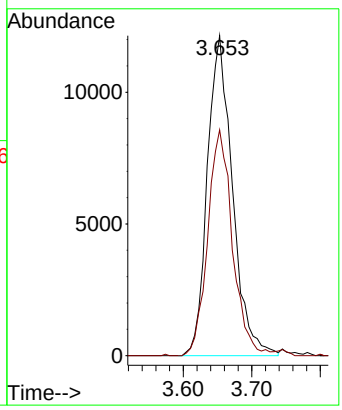




#13
Acrolein
Concen: 112.069 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 56 Resp: 3088

Ion	Ratio	Lower	Upper
56	100		
55	69.8	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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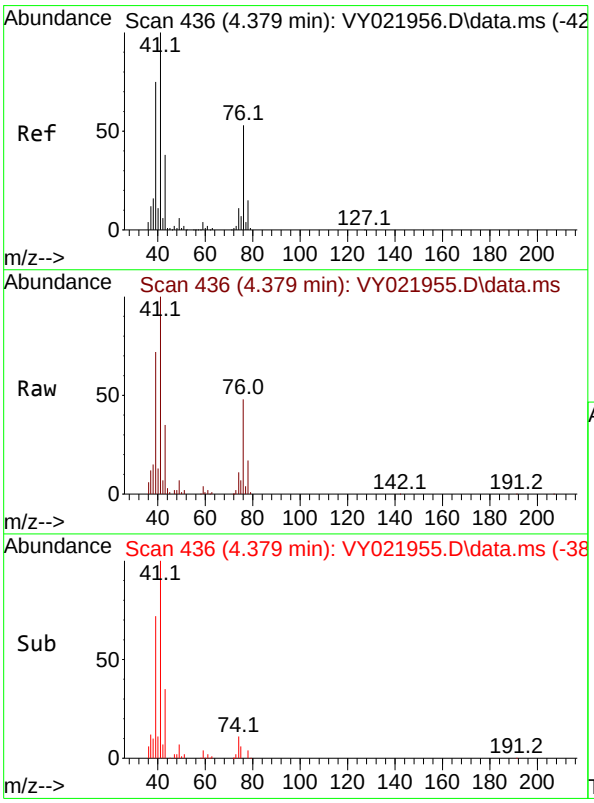
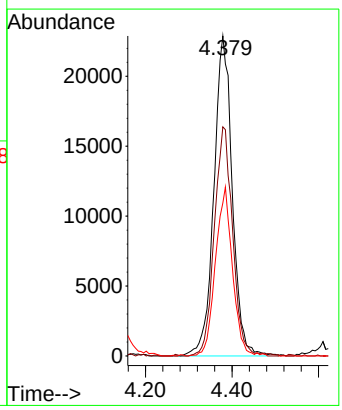
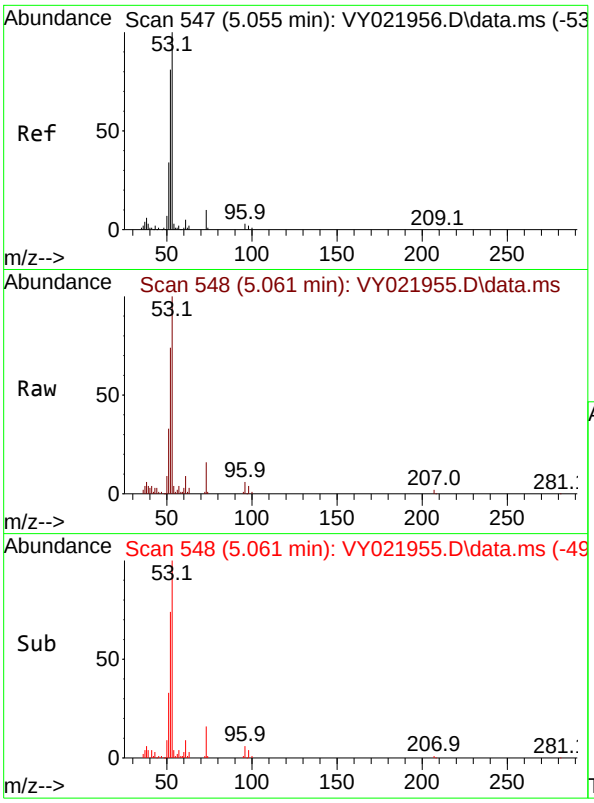


#14
Allyl chloride
Concen: 19.294 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 41 Resp: 67622

Ion	Ratio	Lower	Upper
41	100		
39	71.5	57.2	85.8
76	48.5	39.7	59.5

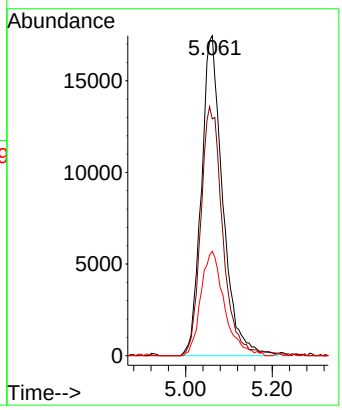




#15
Acrylonitrile
Concen: 105.648 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 53 Resp: 5992

Ion	Ratio	Lower	Upper
53	100		
52	79.4	65.0	97.6
51	36.0	28.9	43.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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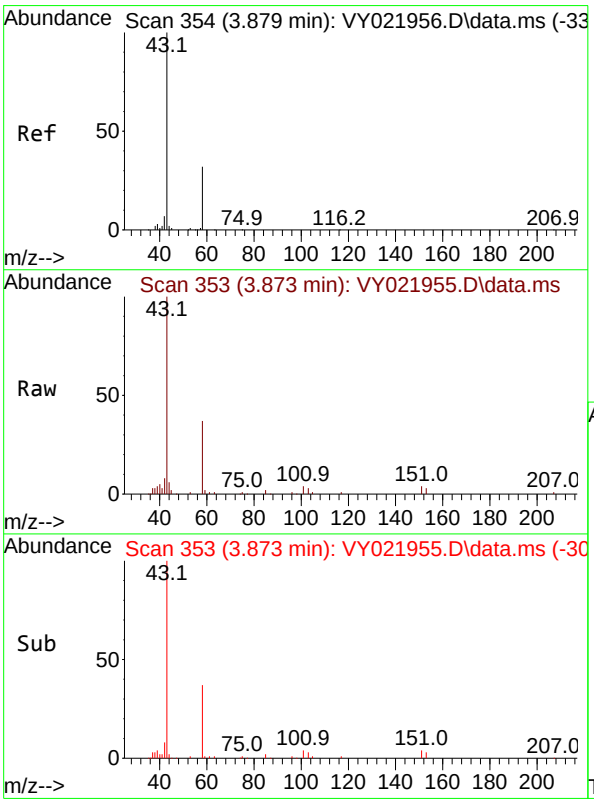
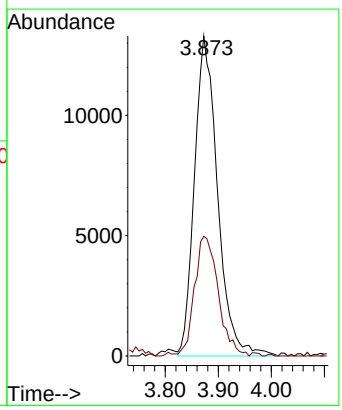
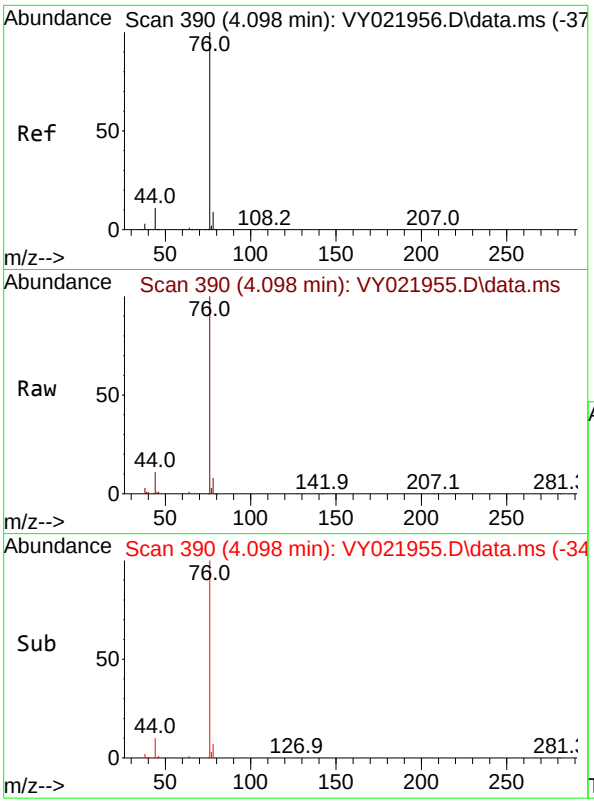


#16
Acetone
Concen: 96.689 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 40190

Ion	Ratio	Lower	Upper
43	100		
58	37.4	27.0	40.4





#17
Carbon Disulfide
Concen: 19.796 ug/l
RT: 4.098 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 76 Resp: 18998

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.6	11.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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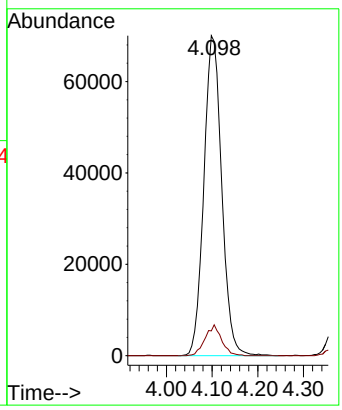
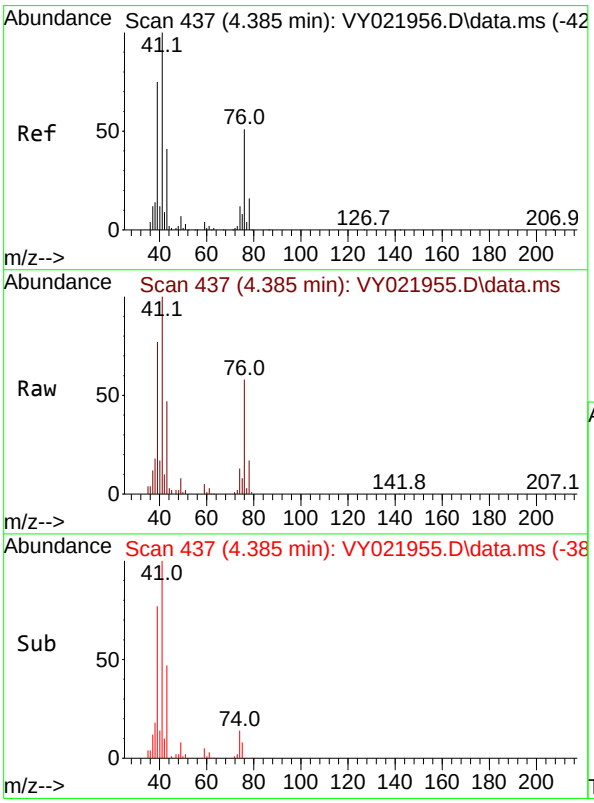
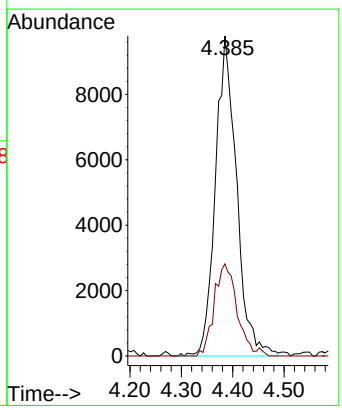


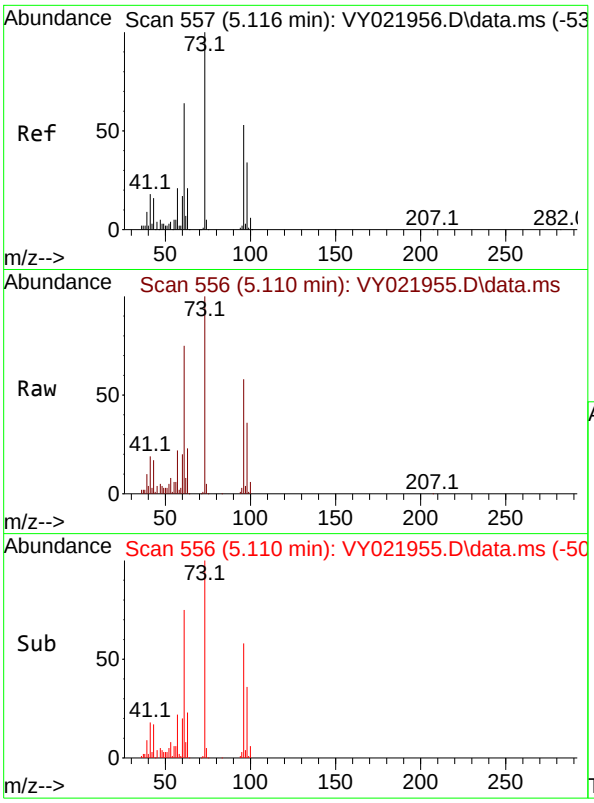


#18
Methyl Acetate
Concen: 21.423 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 27988

Ion	Ratio	Lower	Upper
43	100		
74	30.7	24.2	36.4

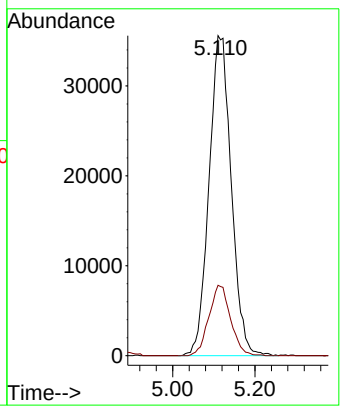




#19
Methyl tert-butyl Ether
Concen: 19.820 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 73 Resp: 13352

Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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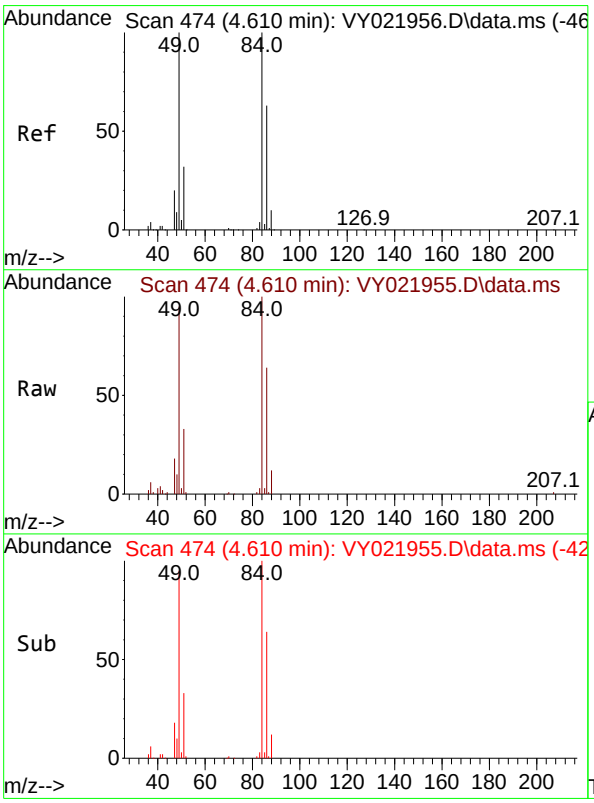
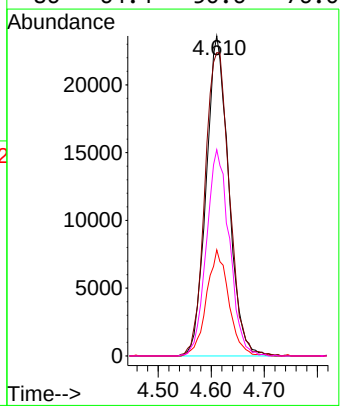
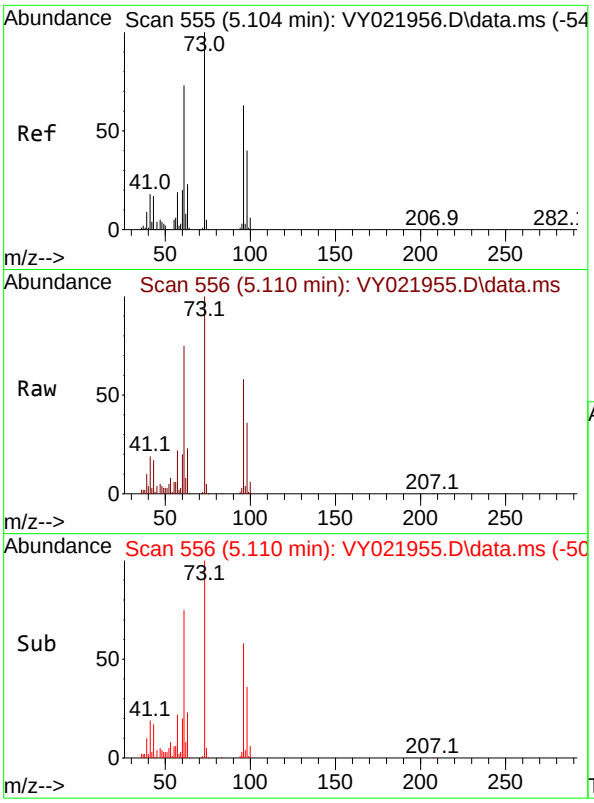


#20
Methylene Chloride
Concen: 19.673 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 84 Resp: 69571

Ion	Ratio	Lower	Upper
84	100		
49	94.8	79.9	119.9
51	33.2	25.4	38.0
86	64.4	50.6	76.0

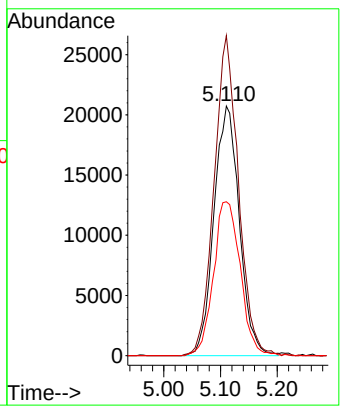




#21
trans-1,2-Dichloroethene
Concen: 19.148 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 96 Resp: 6454

Ion	Ratio	Lower	Upper
96	100		
61	128.2	92.6	138.8
98	61.7	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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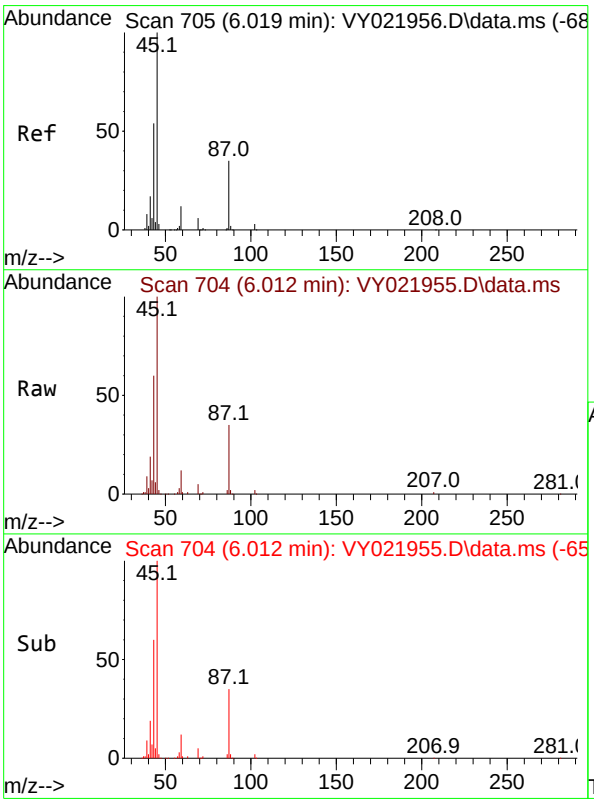
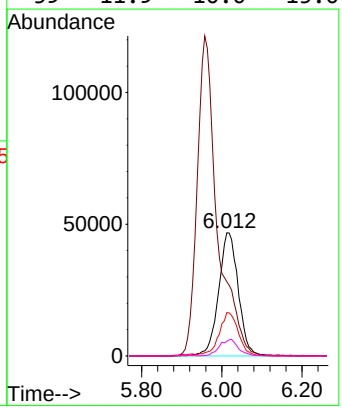
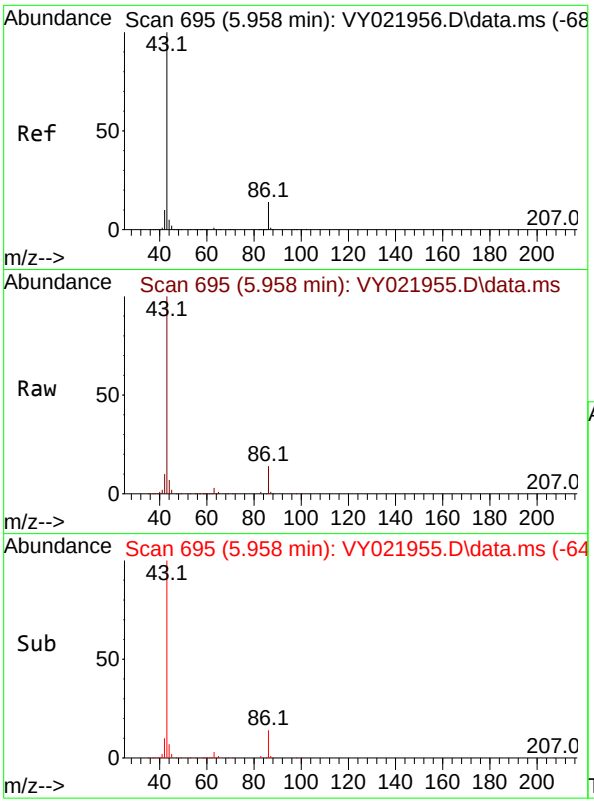


#22
Diisopropyl ether
Concen: 20.439 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 45 Resp: 159414

Ion	Ratio	Lower	Upper
45	100		
43	59.8	43.6	65.4
87	35.2	28.2	42.4
59	11.9	10.0	15.0





#23
Vinyl Acetate
Concen: 100.901 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 42412

Ion	Ratio	Lower	Upper
43	100		
86	13.9	11.1	16.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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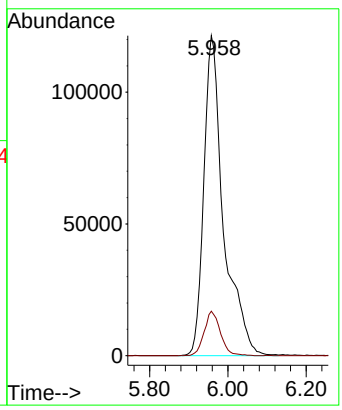
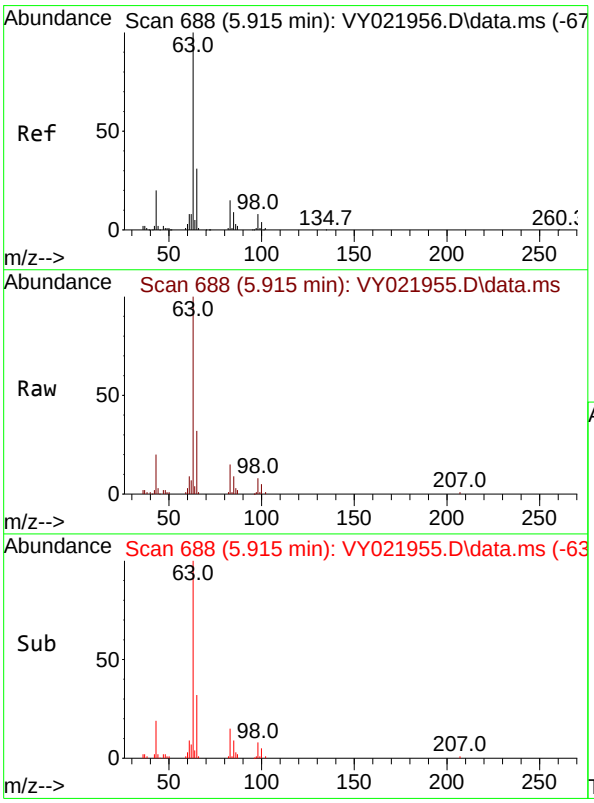
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

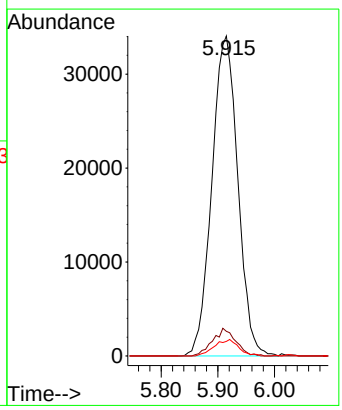


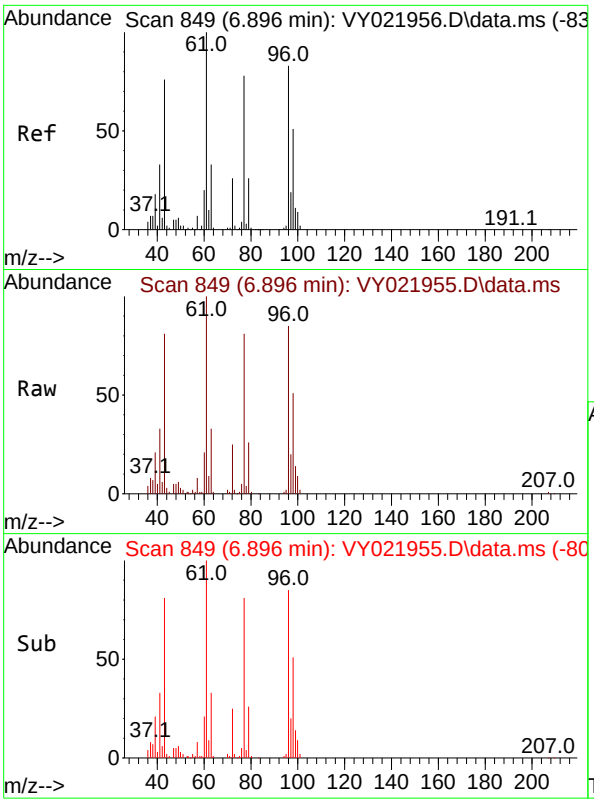


#24
1,1-Dichloroethane
Concen: 20.006 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 63 Resp: 108156

Ion	Ratio	Lower	Upper
63	100		
98	7.7	4.0	11.9
100	4.5	2.0	6.0





#25
2-Butanone
Concen: 102.688 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 6546

Ion	Ratio	Lower	Upper
43	100		
72	31.3	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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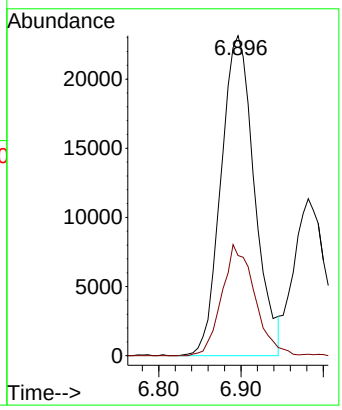
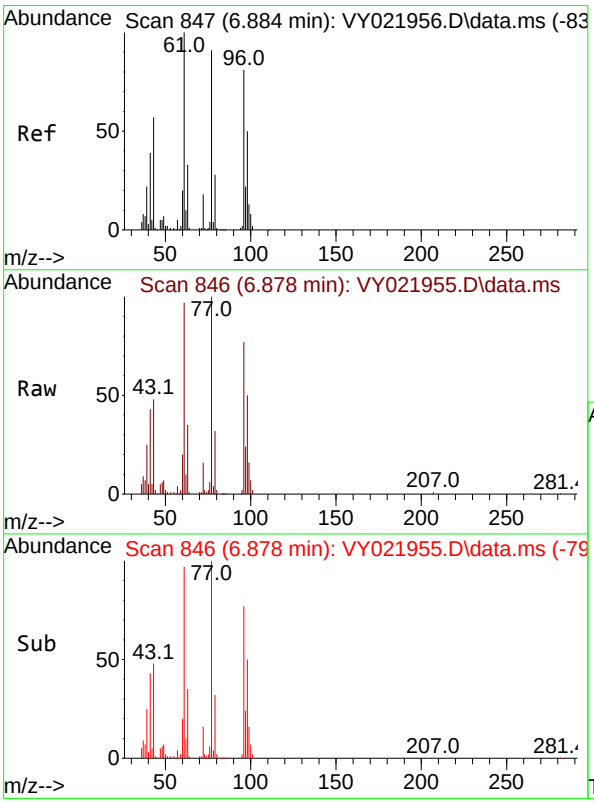
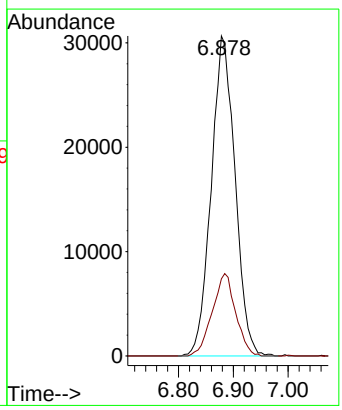


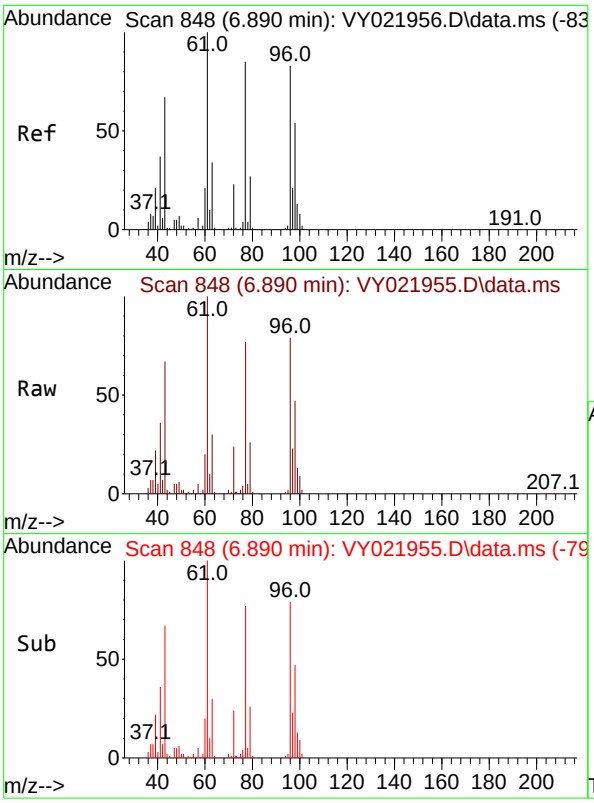


#26
2,2-Dichloropropane
Concen: 19.503 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 77 Resp: 92415

Ion	Ratio	Lower	Upper
77	100		
97	25.3	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 19.398 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 96 Resp: 7311

Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	251.4
98	62.5	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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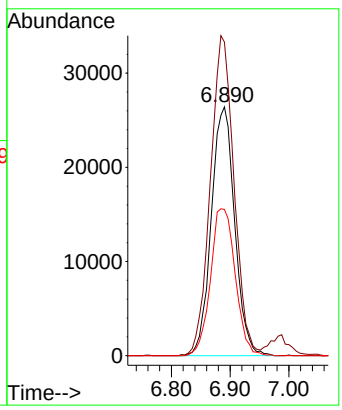
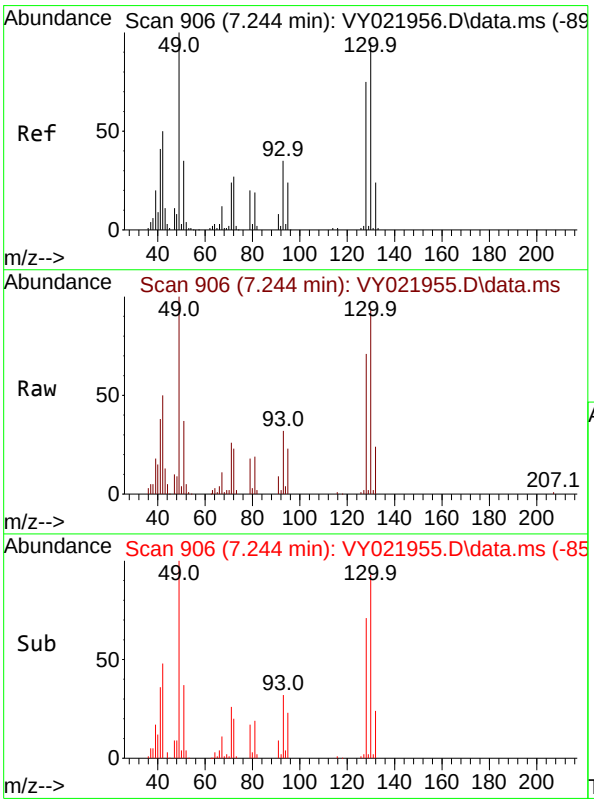
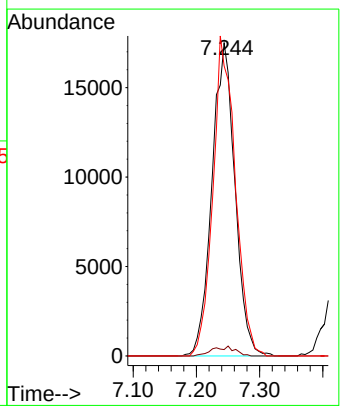


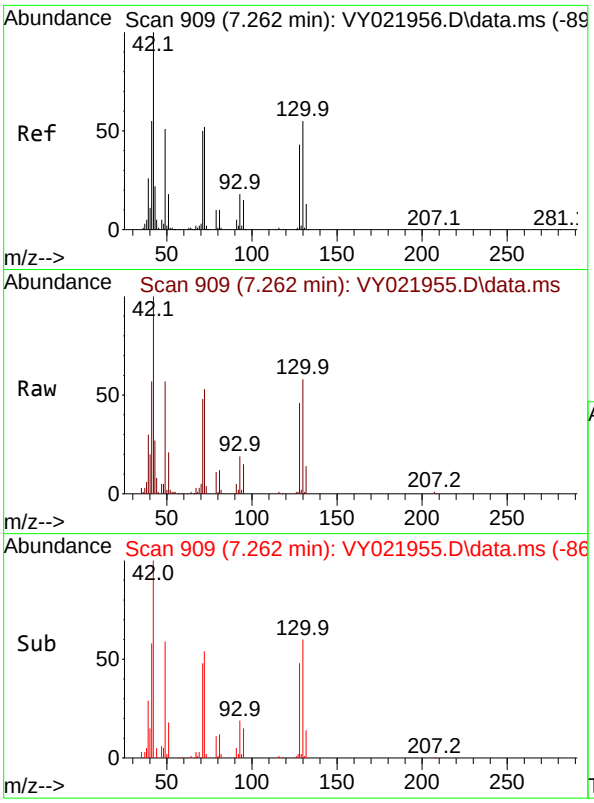


#28
Bromochloromethane
Concen: 21.027 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 49 Resp: 44154

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	99.1	78.2	117.4

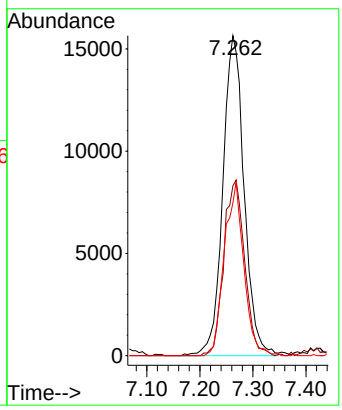




#29
Tetrahydrofuran
Concen: 105.459 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 42 Resp: 4366

Ion	Ratio	Lower	Upper
42	100		
72	53.6	42.6	63.8
71	50.0	40.6	61.0



Instrument :
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ClientSampleId :
VSTDICC020

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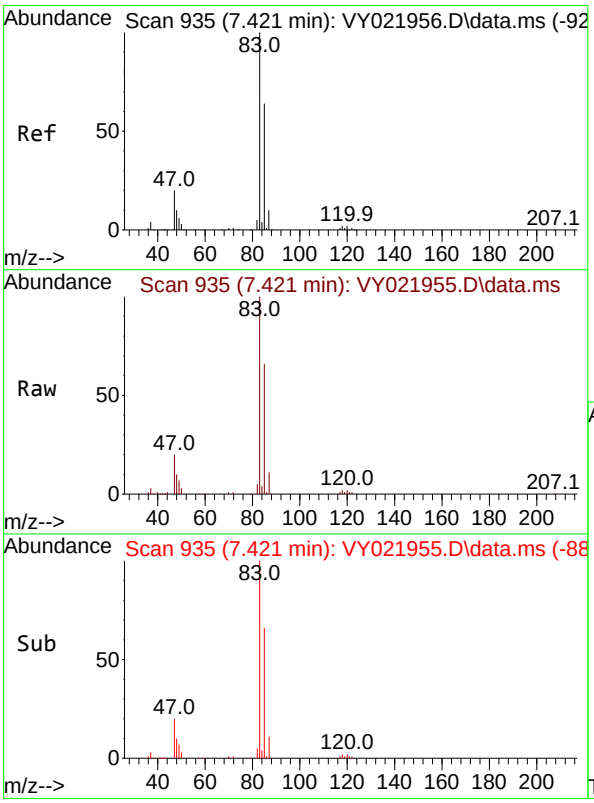
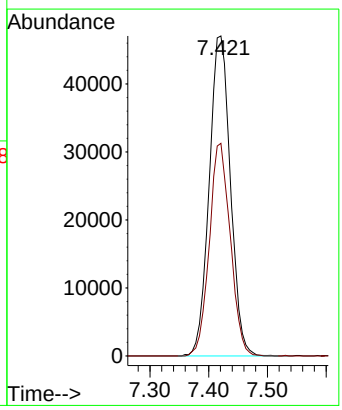
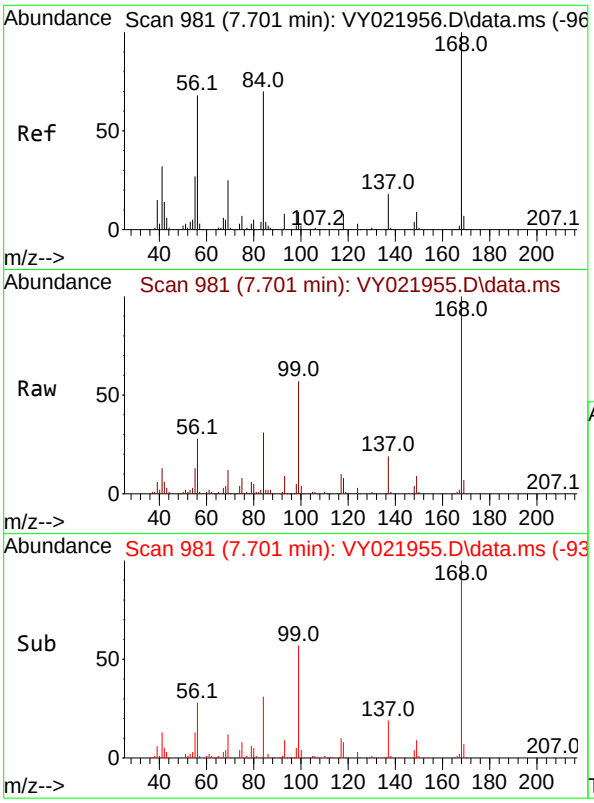


#30
Chloroform
Concen: 19.666 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 83 Resp: 117934

Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.3	76.9

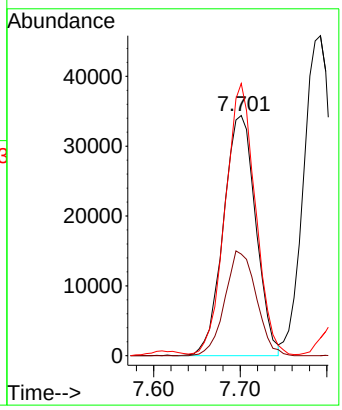




#31
Cyclohexane
Concen: 19.333 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 56 Resp: 8938

Ion	Ratio	Lower	Upper
56	100		
69	42.3	29.4	44.2
84	112.0	82.2	123.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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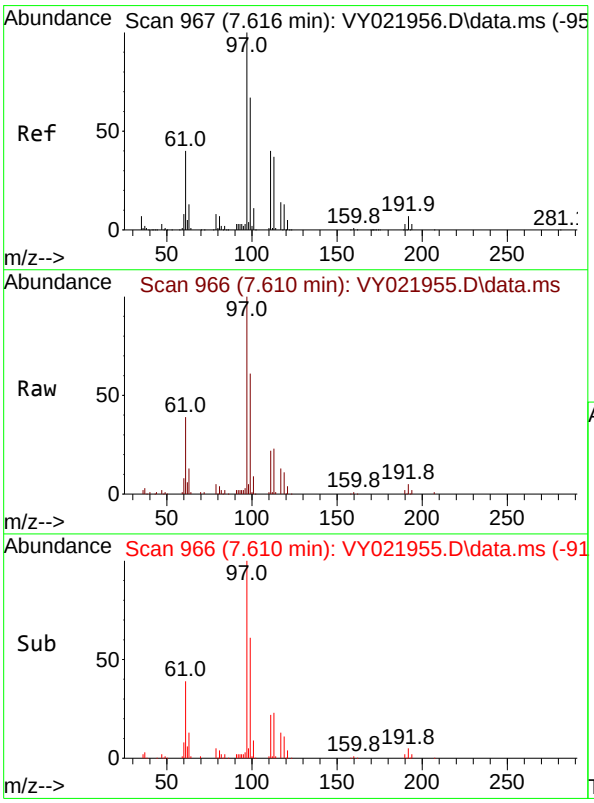
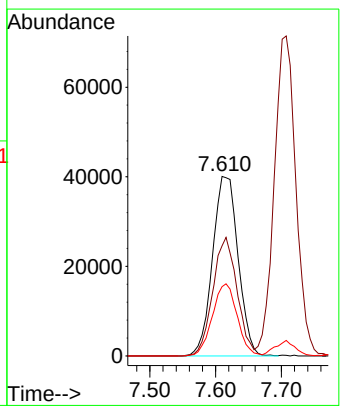
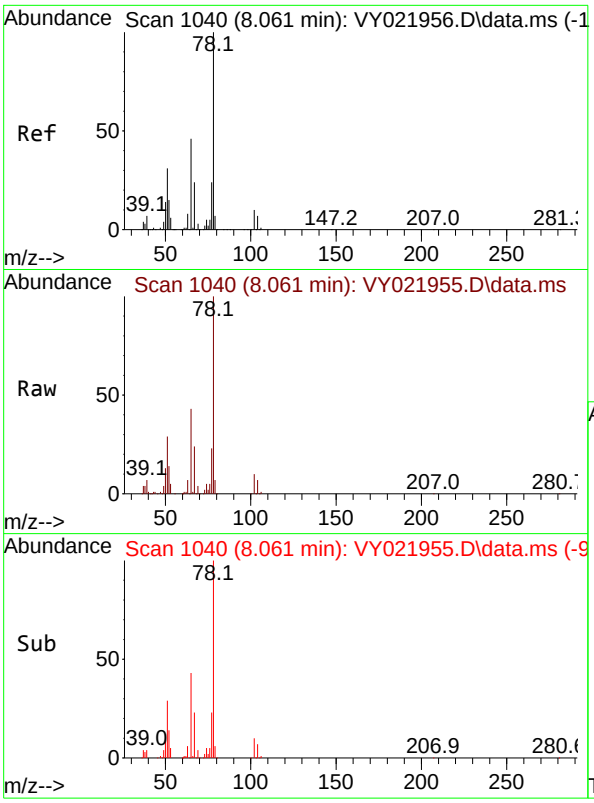


#32
1,1,1-Trichloroethane
Concen: 19.993 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 97 Resp: 108468

Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.4	77.2
61	39.0	31.4	47.2





#33
1,2-Dichloroethane-d4
Concen: 19.891 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 65 Resp: 5562

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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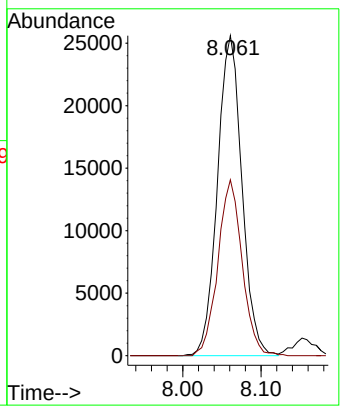
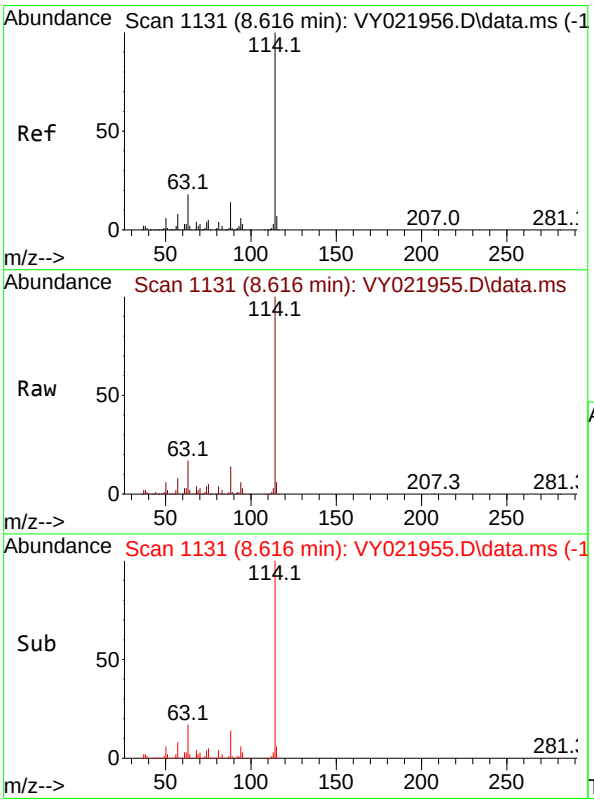
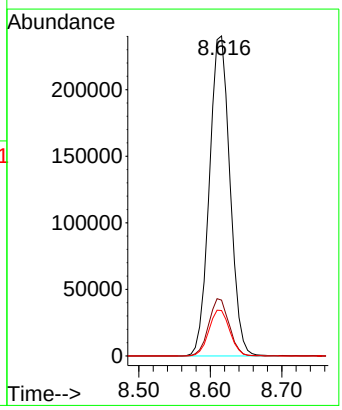


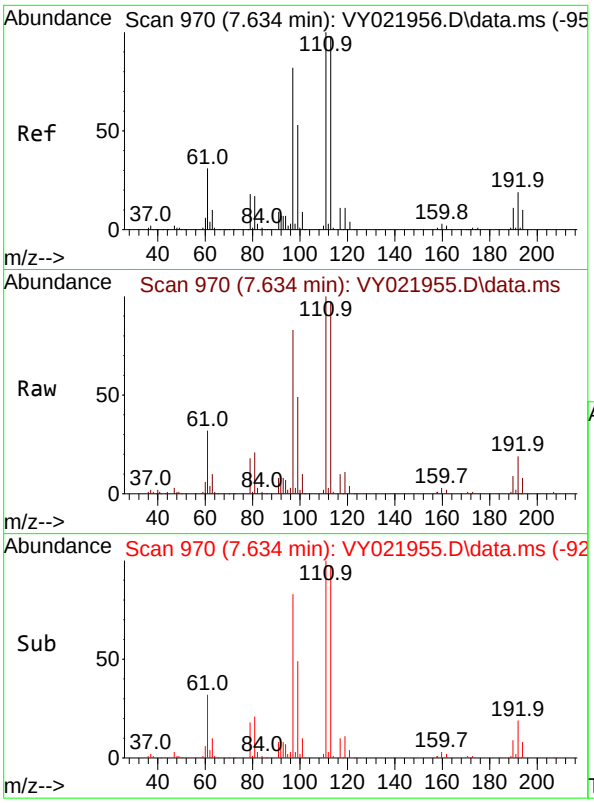


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:114 Resp: 479908

Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	35.4
88	14.2	0.0	28.2

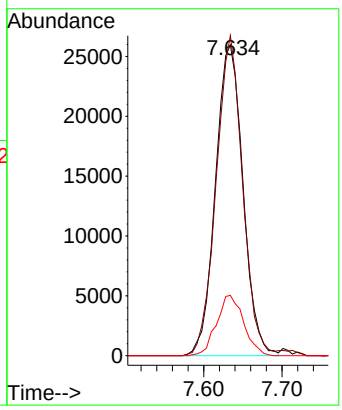




#35
Dibromofluoromethane
Concen: 20.003 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:113 Resp: 6341

Ion	Ratio	Lower	Upper
113	100		
111	98.7	81.8	122.8
192	19.1	15.6	23.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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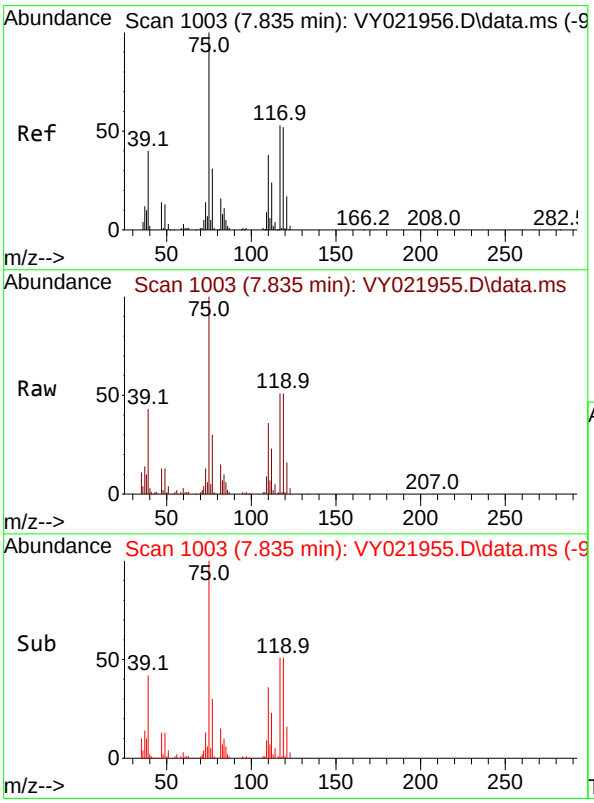
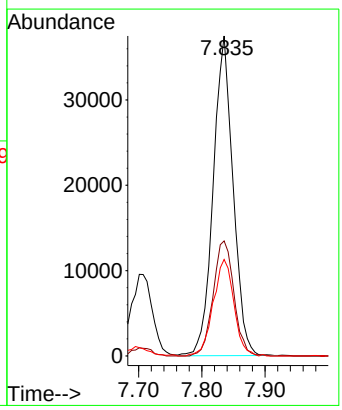
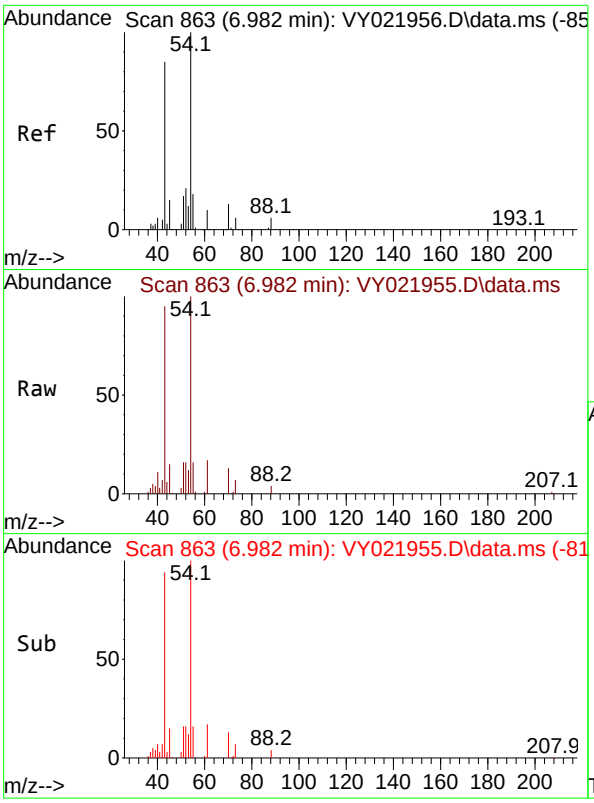


#36
1,1-Dichloropropene
Concen: 19.127 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 81459

Ion	Ratio	Lower	Upper
75	100		
110	37.7	19.1	57.3
77	31.6	25.5	38.3





#37
Ethyl Acetate
Concen: 20.755 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 3131

Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.8	20.6
70	12.2	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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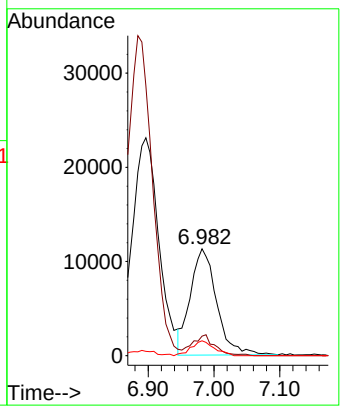
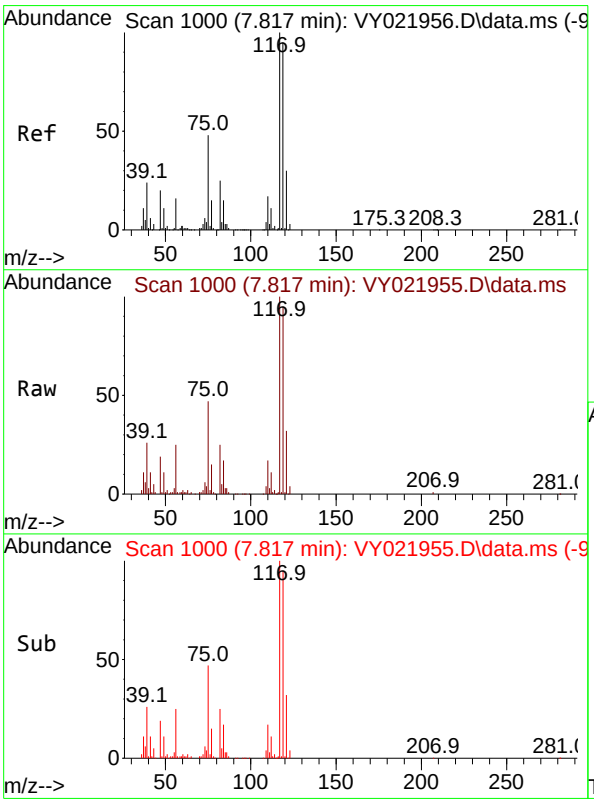
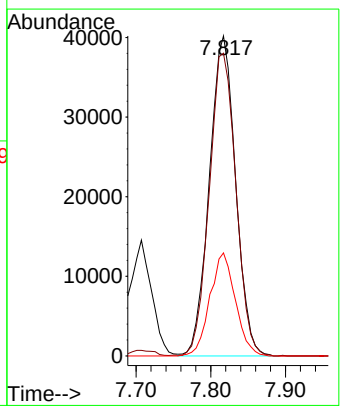


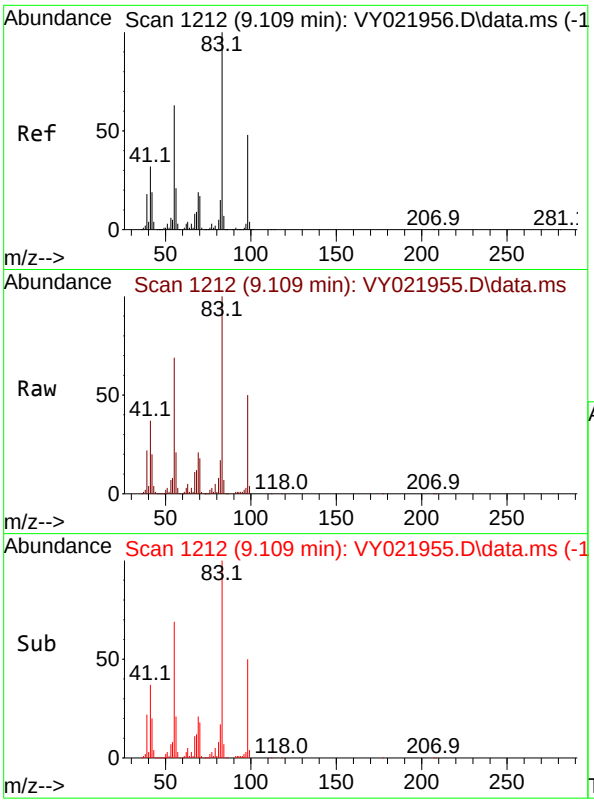


#38
Carbon Tetrachloride
Concen: 19.318 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:117 Resp: 98308

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.2	114.4
121	32.2	24.0	36.0





#39
Methylcyclohexane
Concen: 18.578 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 83 Resp: 9957

Ion	Ratio	Lower	Upper
83	100		
55	69.0	50.6	75.8
98	49.9	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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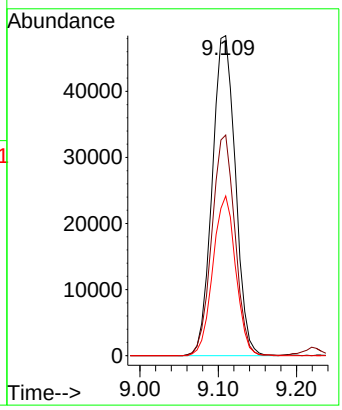
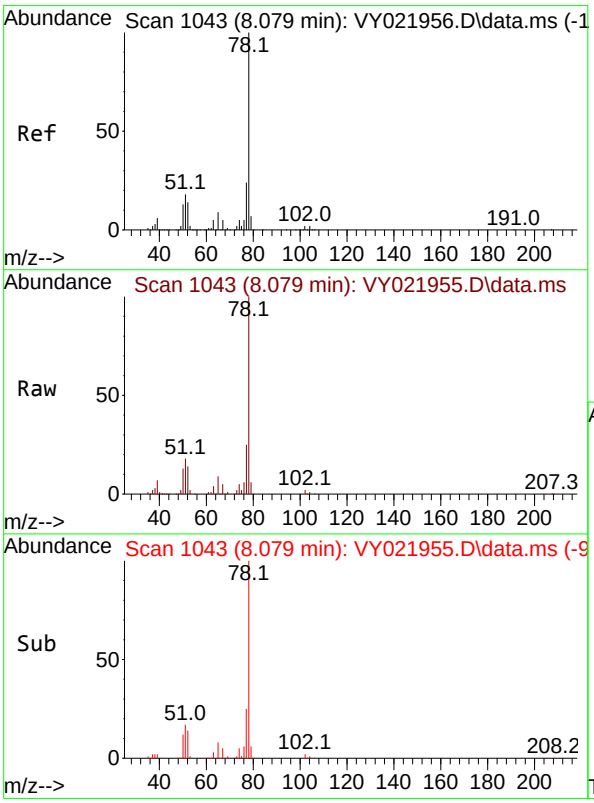
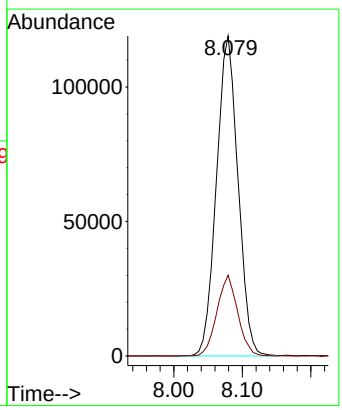


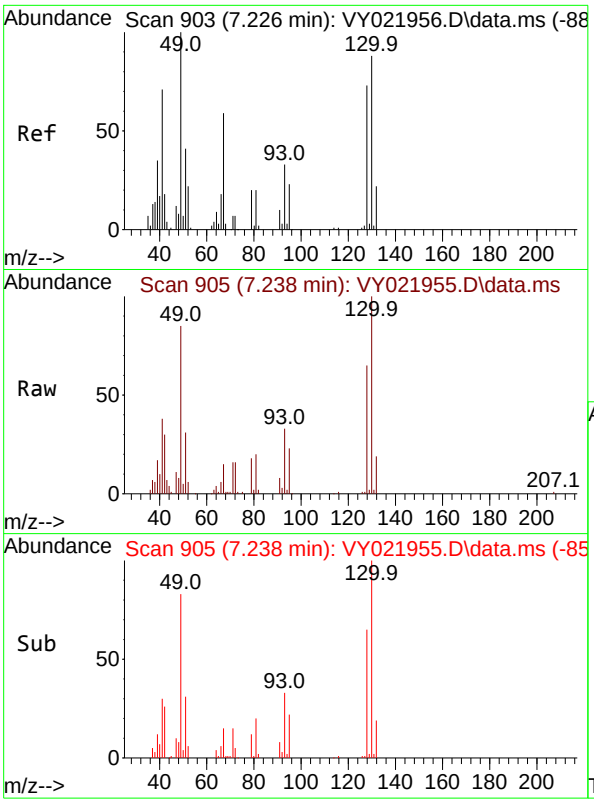


#40
Benzene
Concen: 19.482 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 78 Resp: 259371

Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.3	28.9

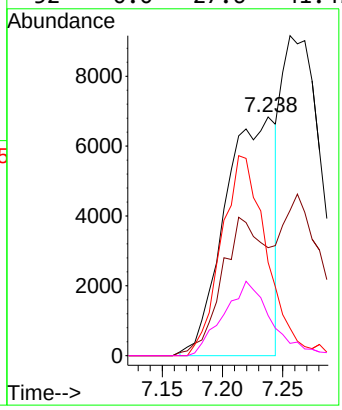




#41
Methacrylonitrile
Concen: 23.846 ug/l m
RT: 7.238 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 41 Resp: 1994

Ion	Ratio	Lower	Upper
41	100		
39	53.3	36.6	55.0
67	0.0	72.2	108.4#
52	0.0	27.6	41.4#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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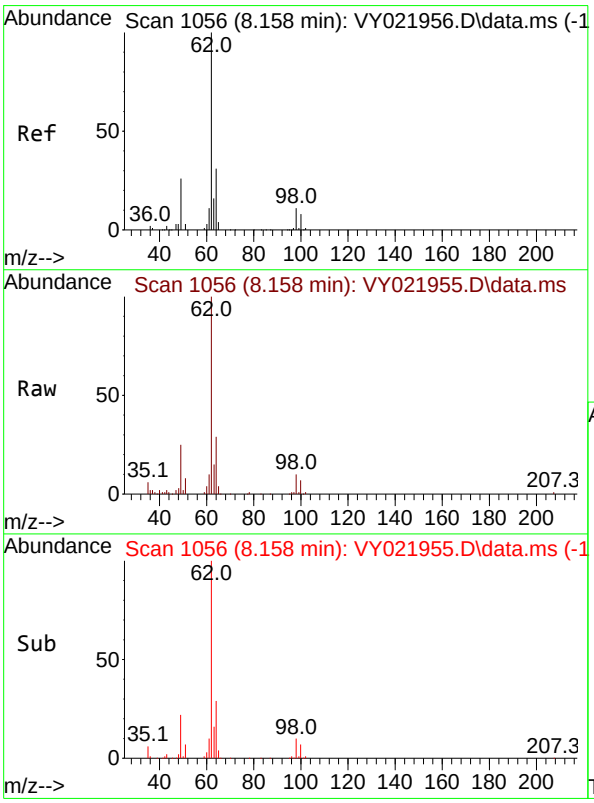
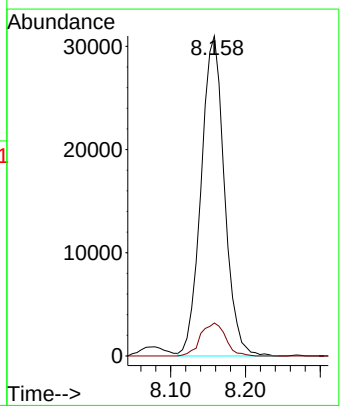
Supervised By :Mahesh Dadoda 04/23/2025

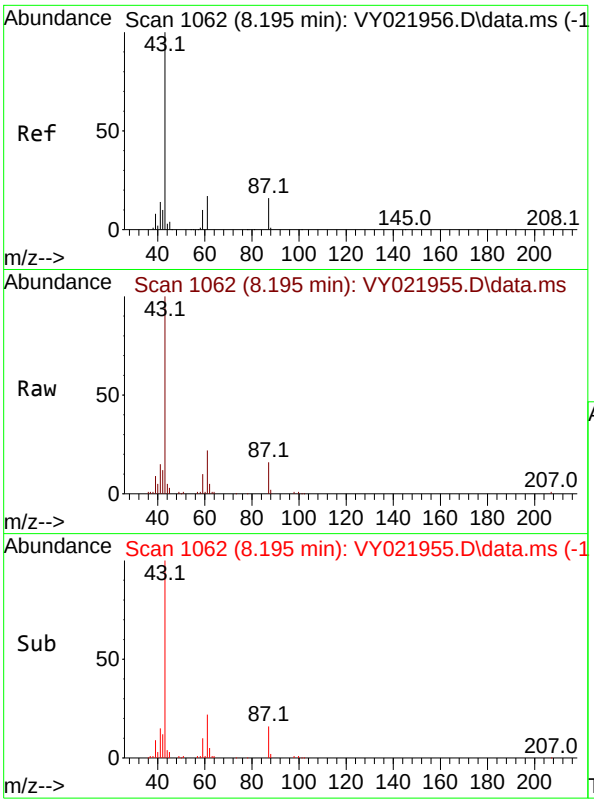


#42
1,2-Dichloroethane
Concen: 20.398 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 62 Resp: 67235

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43
Isopropyl Acetate
Concen: 20.495 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 6020

Ion	Ratio	Lower	Upper
43	100		
61	34.7	18.9	28.3#
87	16.8	13.7	20.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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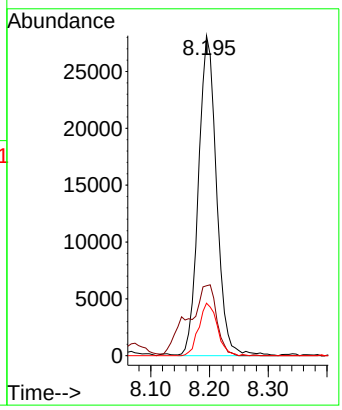
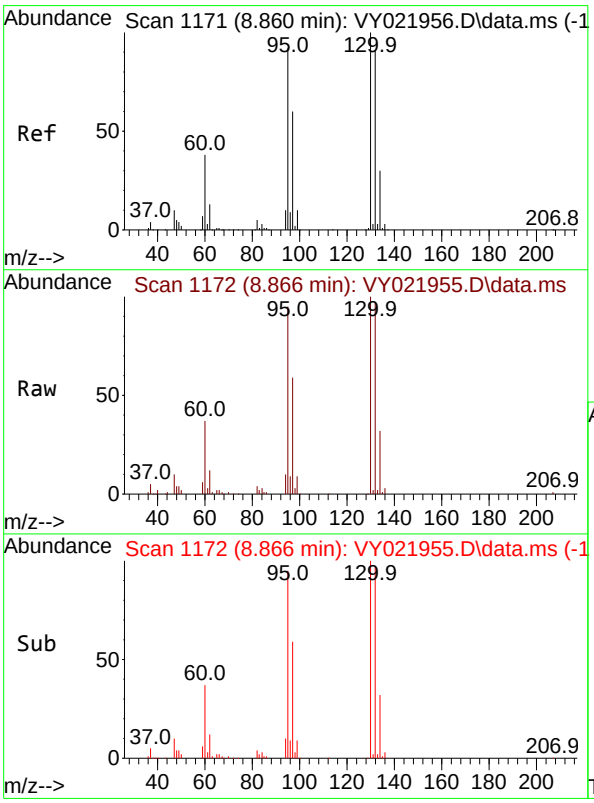
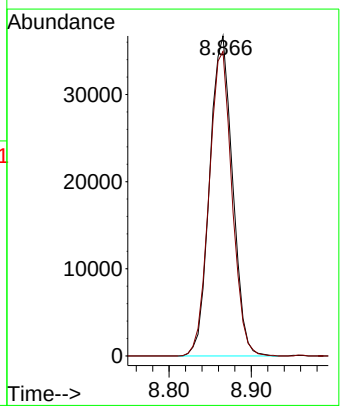


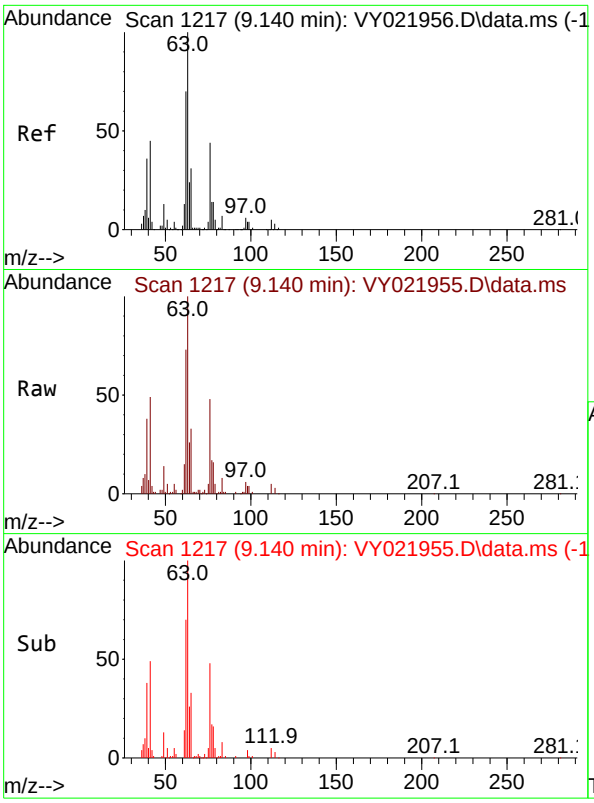


#44
Trichloroethene
Concen: 19.226 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:130 Resp: 70896

Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	183.2

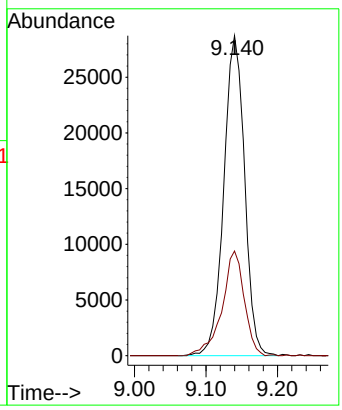




#45
1,2-Dichloropropane
Concen: 19.678 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 63 Resp: 5793

Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
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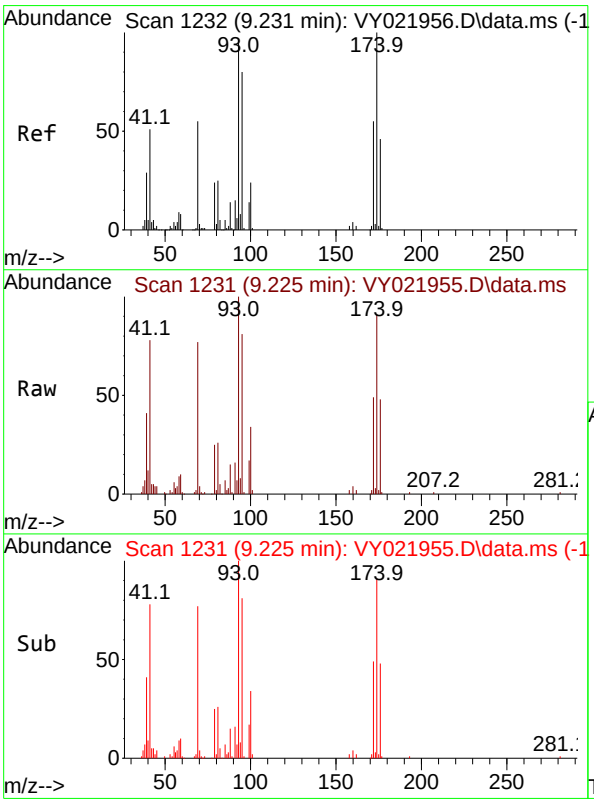
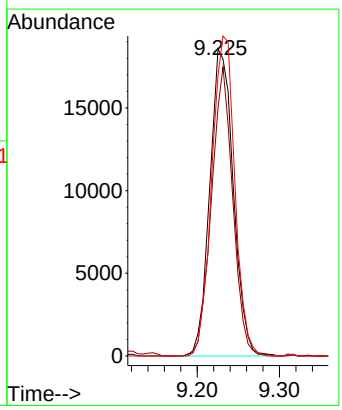
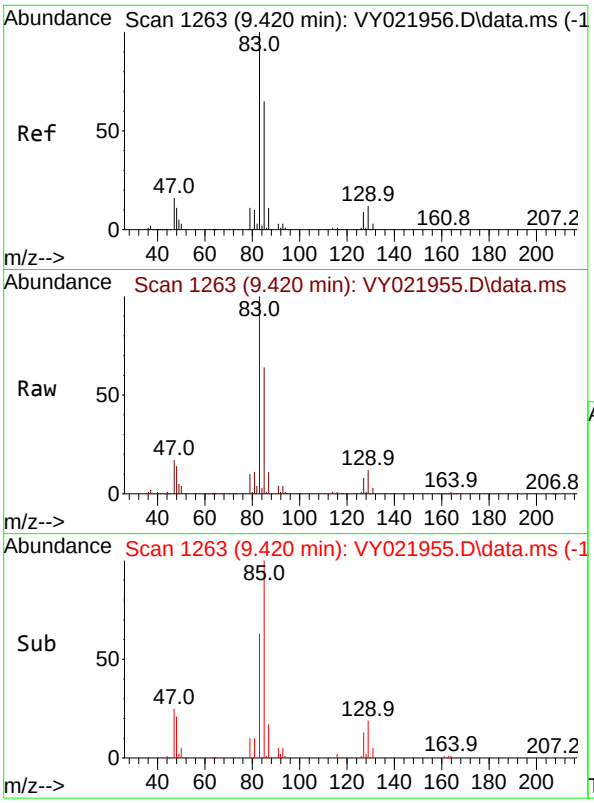


#46
Dibromomethane
Concen: 20.018 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 93 Resp: 36893

Ion	Ratio	Lower	Upper
93	100		
95	85.2	66.7	100.1
174	102.1	84.6	127.0

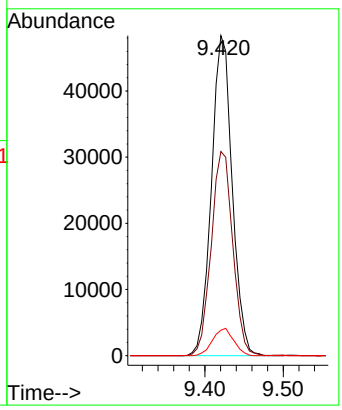




#47
Bromodichloromethane
Concen: 19.341 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 83 Resp: 8904

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.8
127	8.0	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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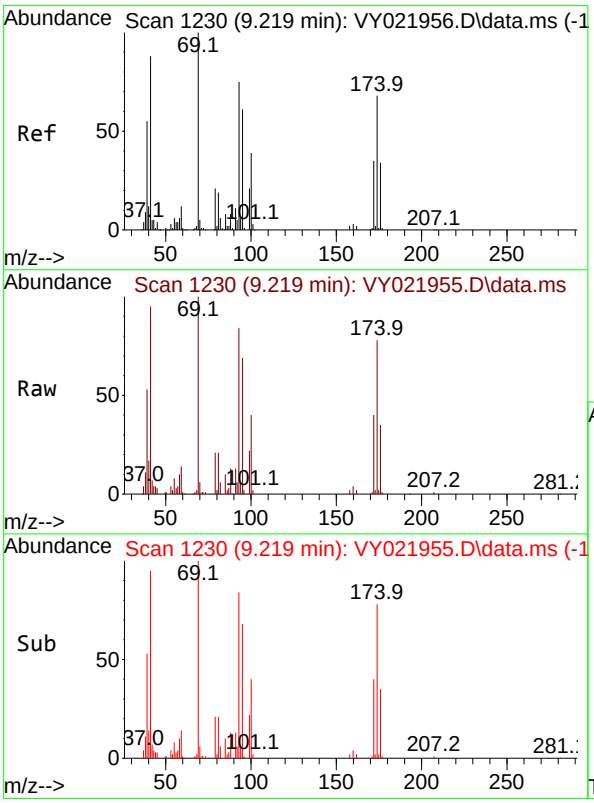
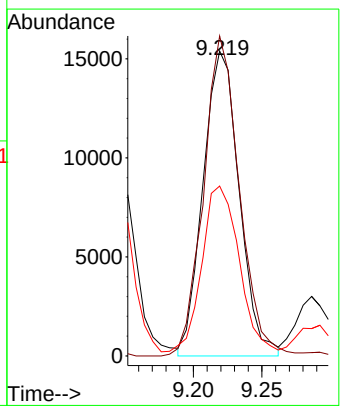
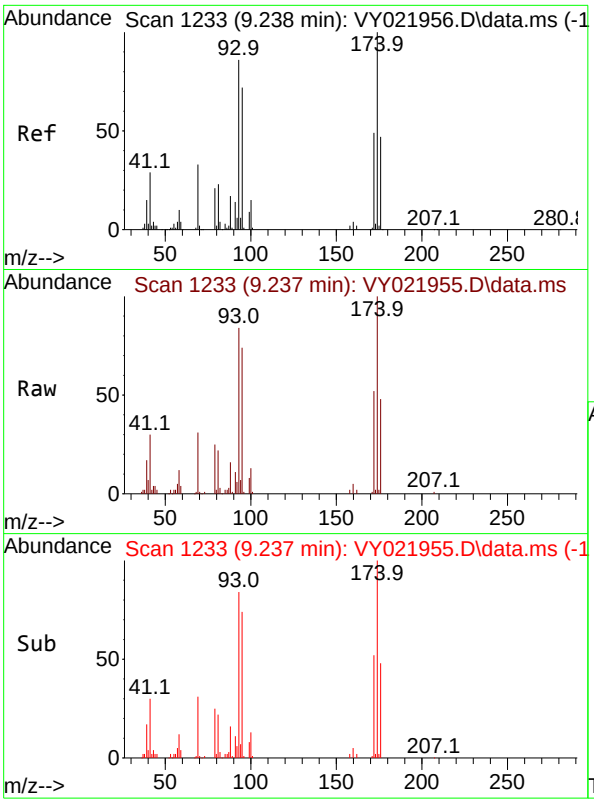


#48
Methyl methacrylate
Concen: 20.775 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 41 Resp: 28211

Ion	Ratio	Lower	Upper
41	100		
69	104.1	85.5	128.3
39	55.5	46.2	69.4

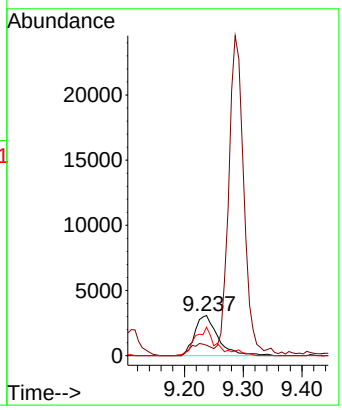




#49
1,4-Dioxane
Concen: 432.566 ug/l
RT: 9.237 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 88 Resp: 849

Ion	Ratio	Lower	Upper
88	100		
43	25.9	21.3	31.9
58	59.2	50.5	75.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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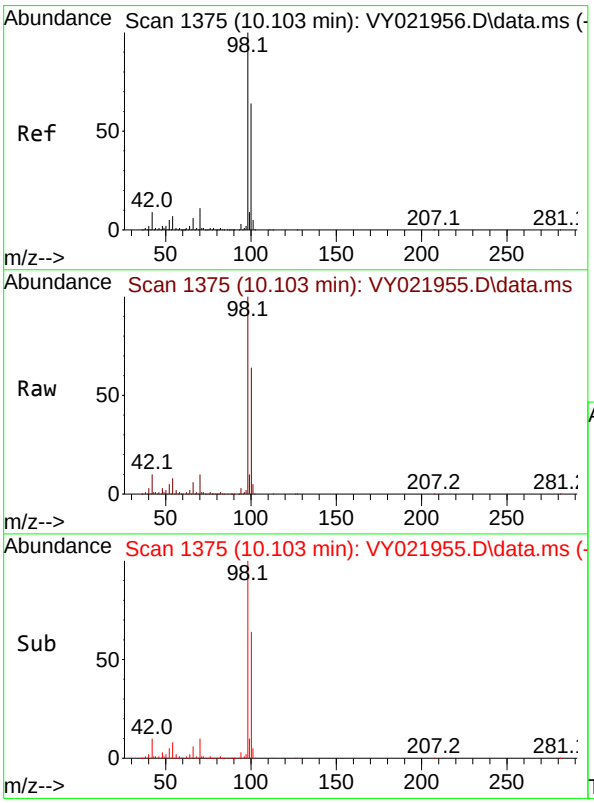
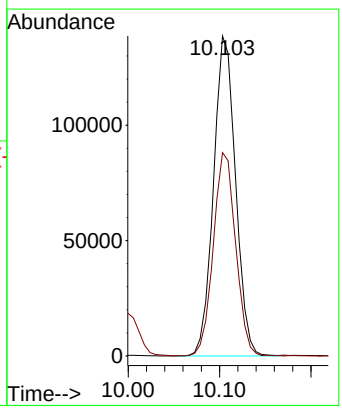
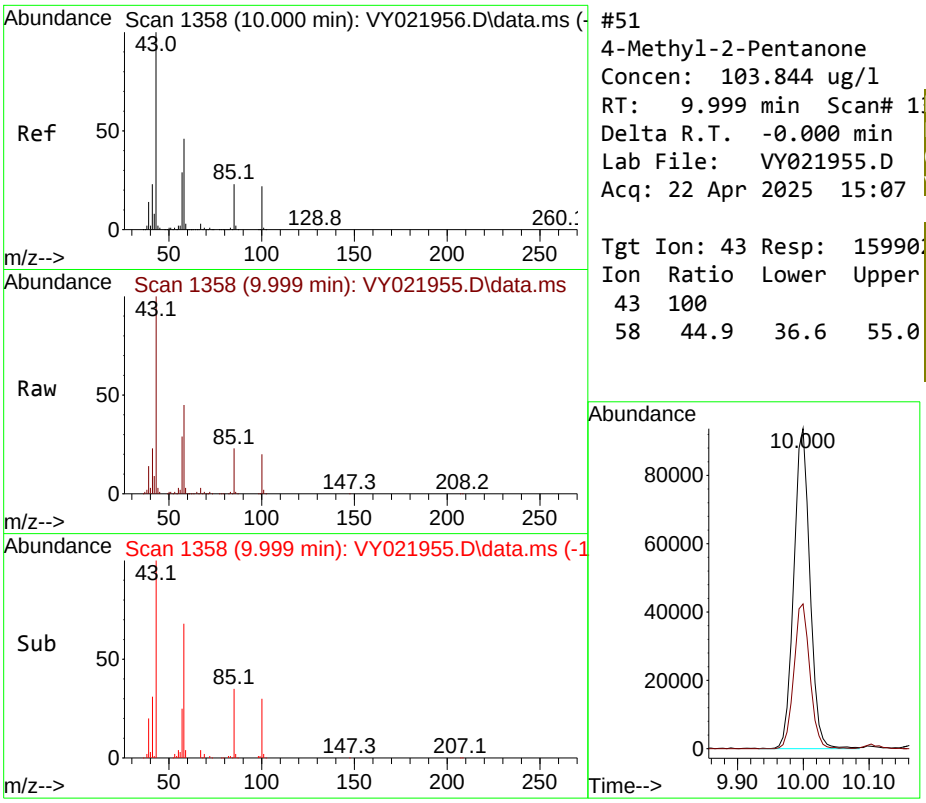


#50
Toluene-d8
Concen: 19.446 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 98 Resp: 232431

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 103.844 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 15990

Ion	Ratio	Lower	Upper
43	100		
58	44.9	36.6	55.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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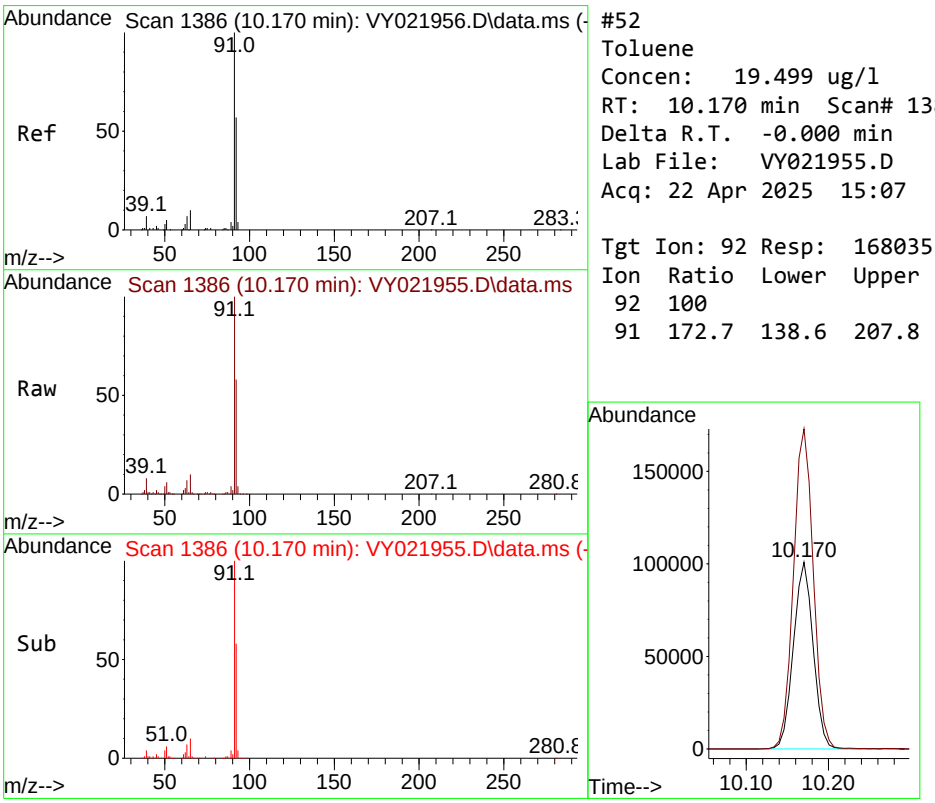
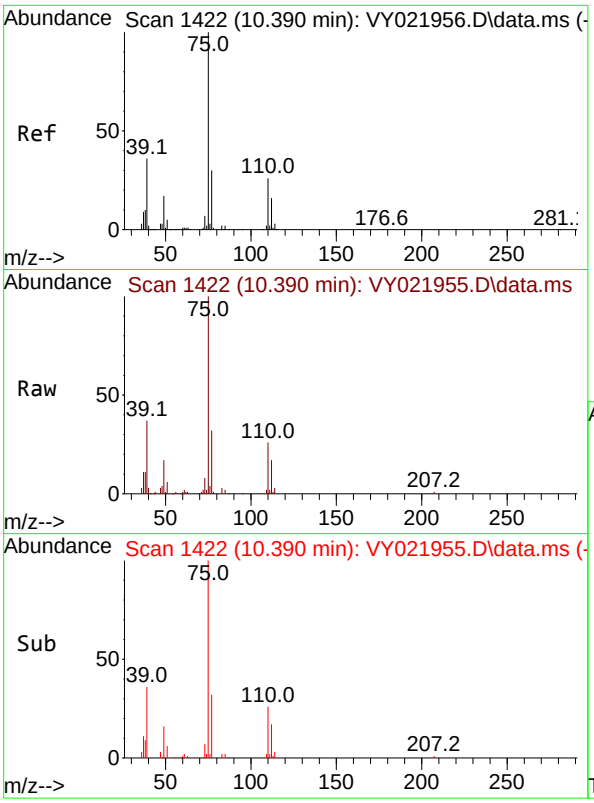


#52
Toluene
Concen: 19.499 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 92 Resp: 168035

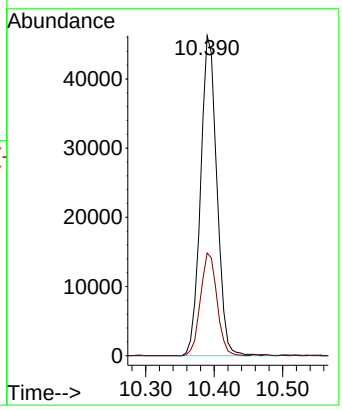
Ion	Ratio	Lower	Upper
92	100		
91	172.7	138.6	207.8



#53
t-1,3-Dichloropropene
Concen: 19.404 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 7662

Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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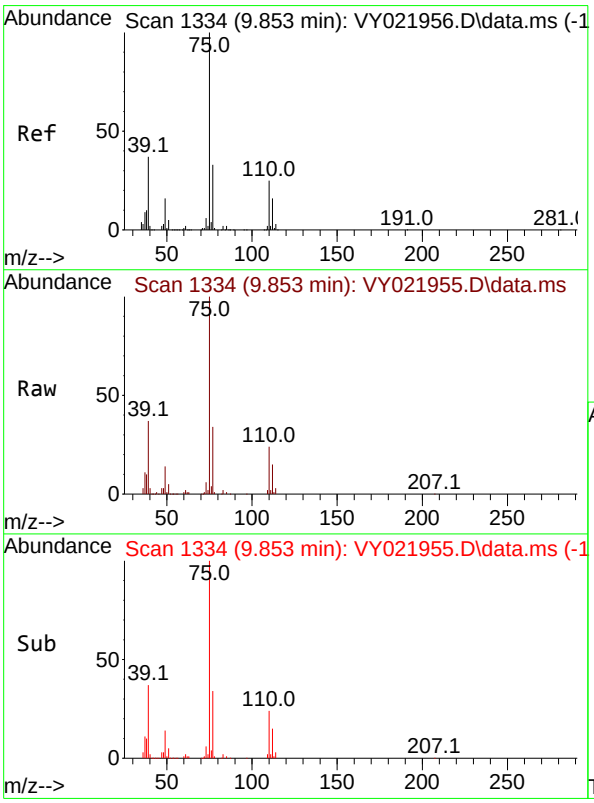
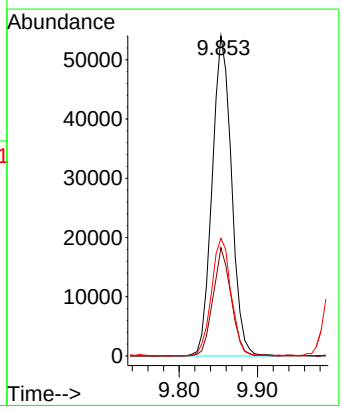
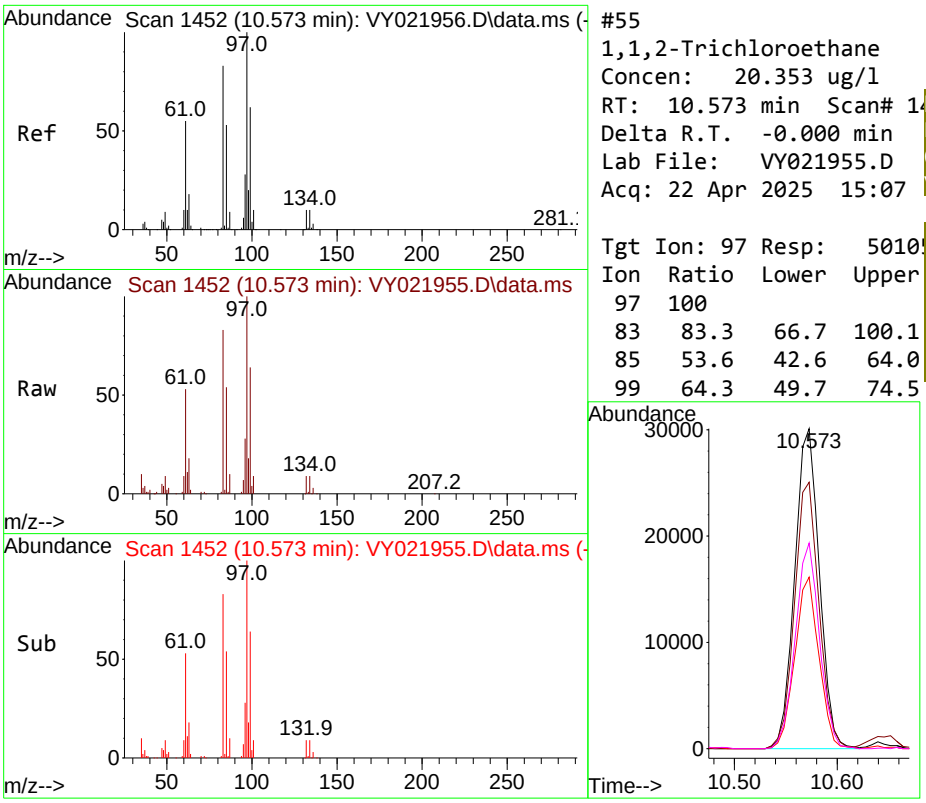


#54
cis-1,3-Dichloropropene
Concen: 19.753 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 92726

Ion	Ratio	Lower	Upper
75	100		
77	33.8	26.6	40.0
39	36.6	29.6	44.4





#55
1,1,2-Trichloroethane
Concen: 20.353 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 97 Resp: 5010

Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.7	100.1
85	53.6	42.6	64.0
99	64.3	49.7	74.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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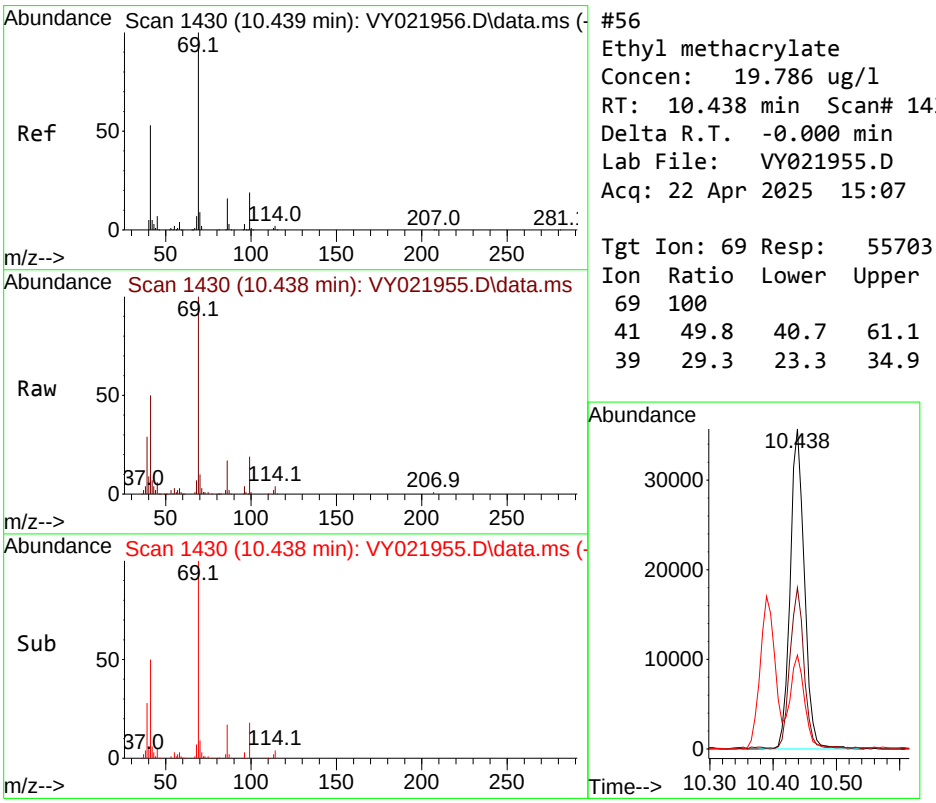
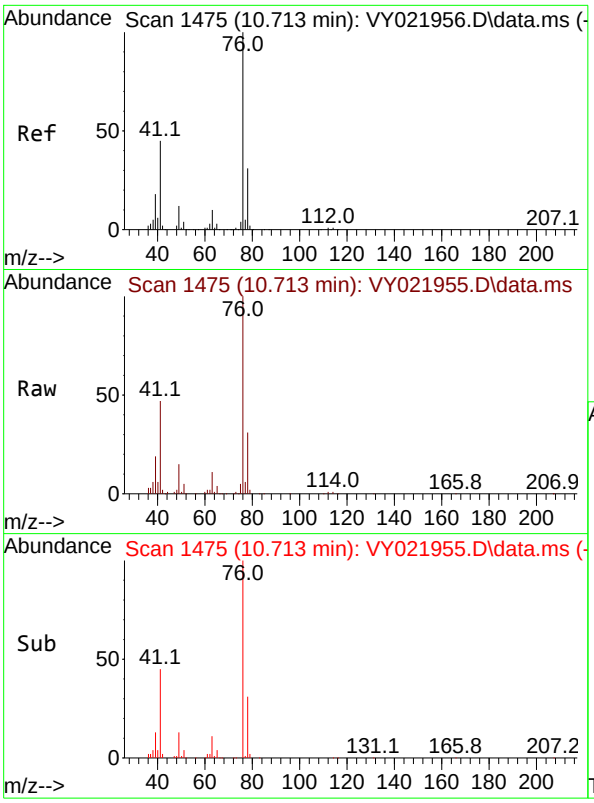


#56
Ethyl methacrylate
Concen: 19.786 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 69 Resp: 55703

Ion	Ratio	Lower	Upper
69	100		
41	49.8	40.7	61.1
39	29.3	23.3	34.9



#57
1,3-Dichloropropane
Concen: 19.676 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 76 Resp: 7765

Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.6	39.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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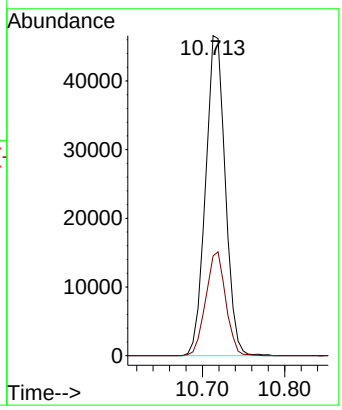
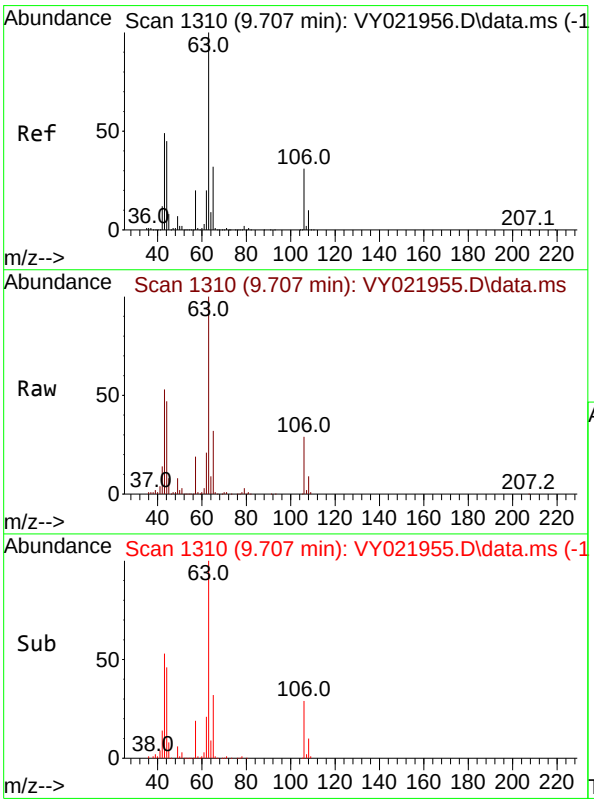
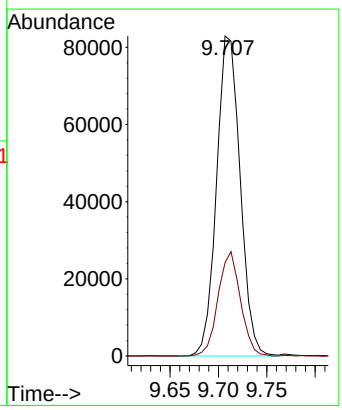


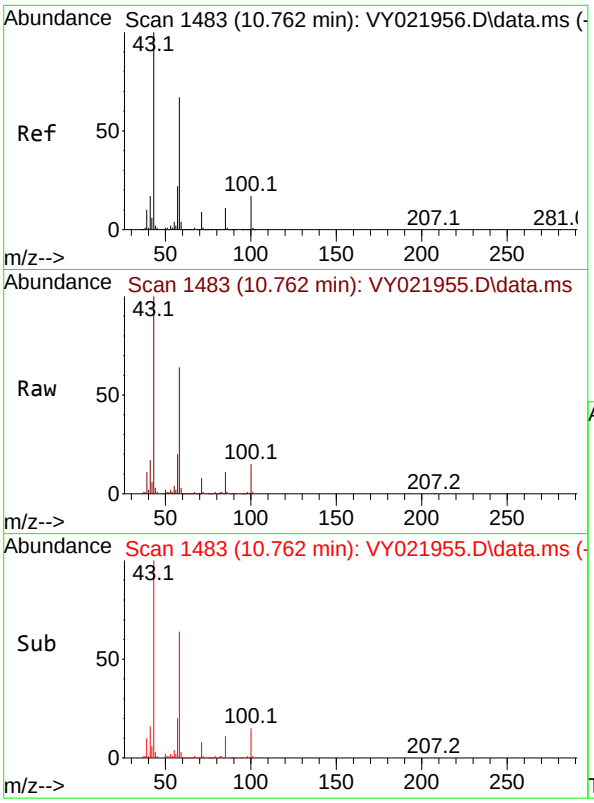


#58
2-Chloroethyl Vinyl ether
Concen: 102.027 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 63 Resp: 140435

Ion	Ratio	Lower	Upper
63	100		
106	30.9	25.3	37.9

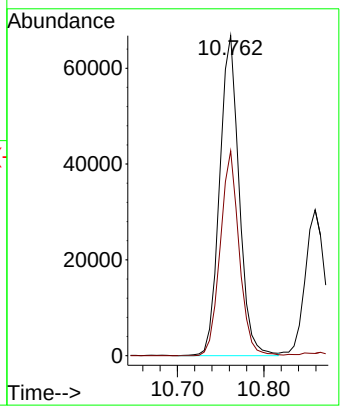




#59
2-Hexanone
Concen: 102.714 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 10432

Ion	Ratio	Lower	Upper
43	100		
58	62.1	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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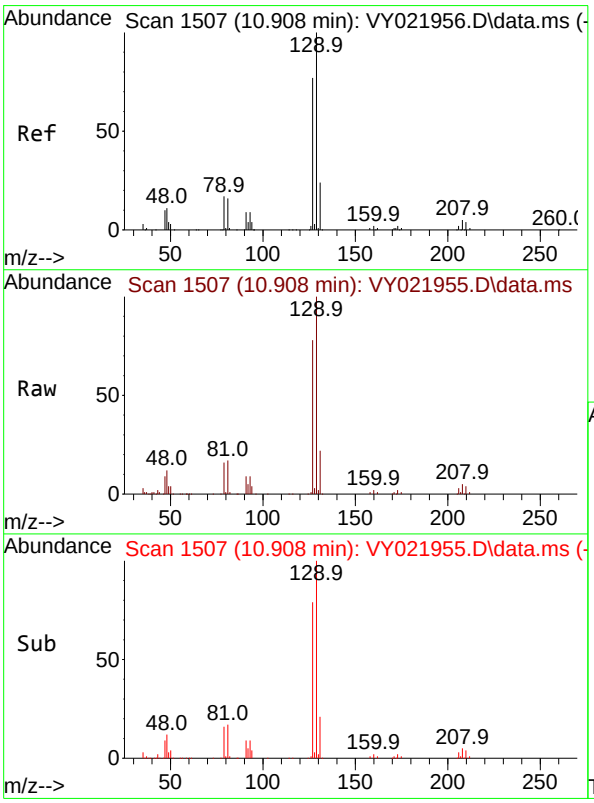
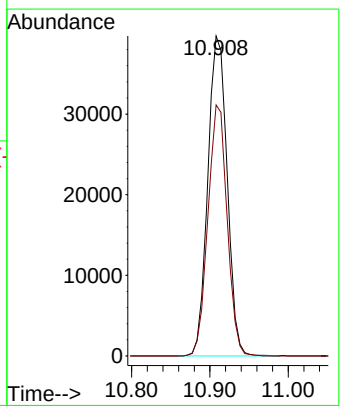
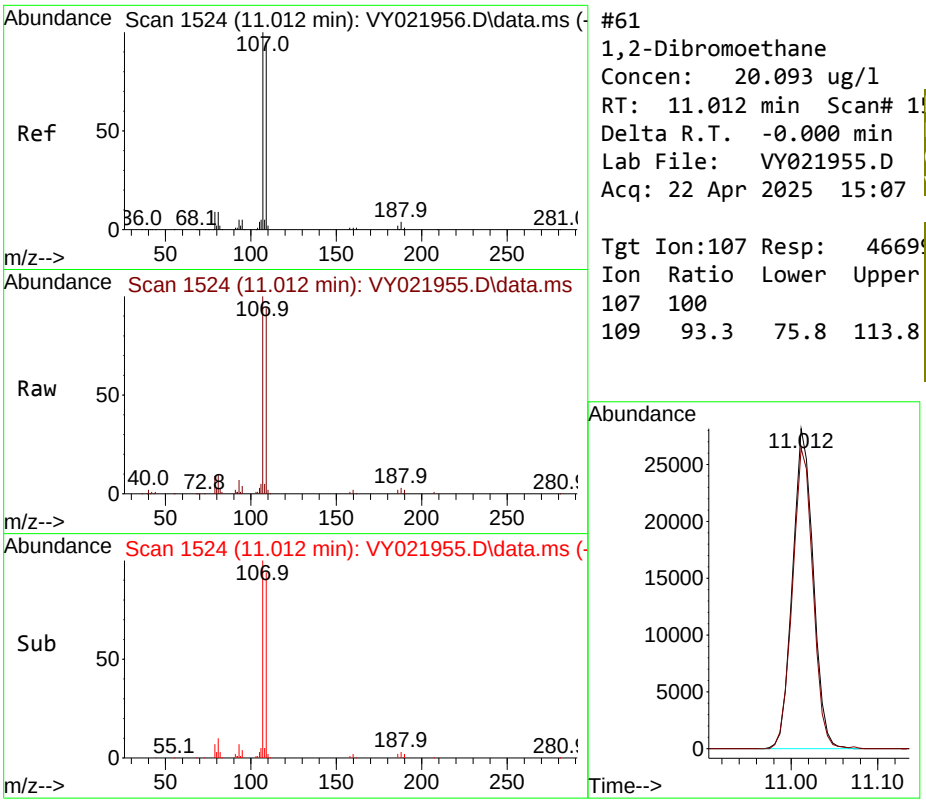


#60
Dibromochloromethane
Concen: 19.948 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:129 Resp: 67988

Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.5	115.3





#61
1,2-Dibromoethane
Concen: 20.093 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:107 Resp: 4669

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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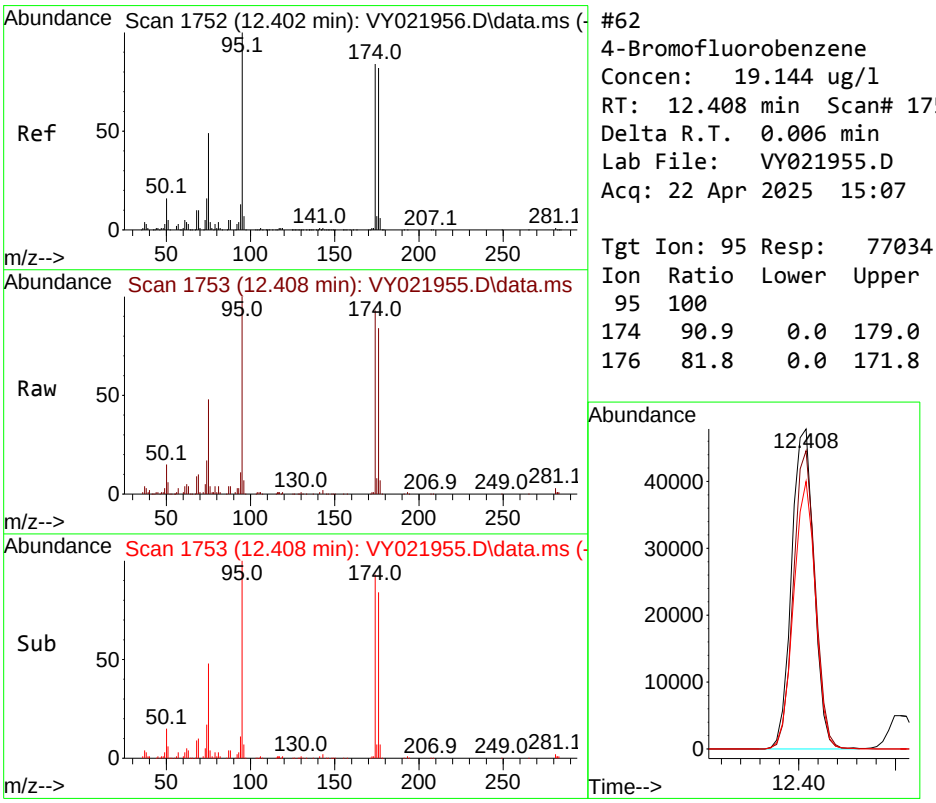
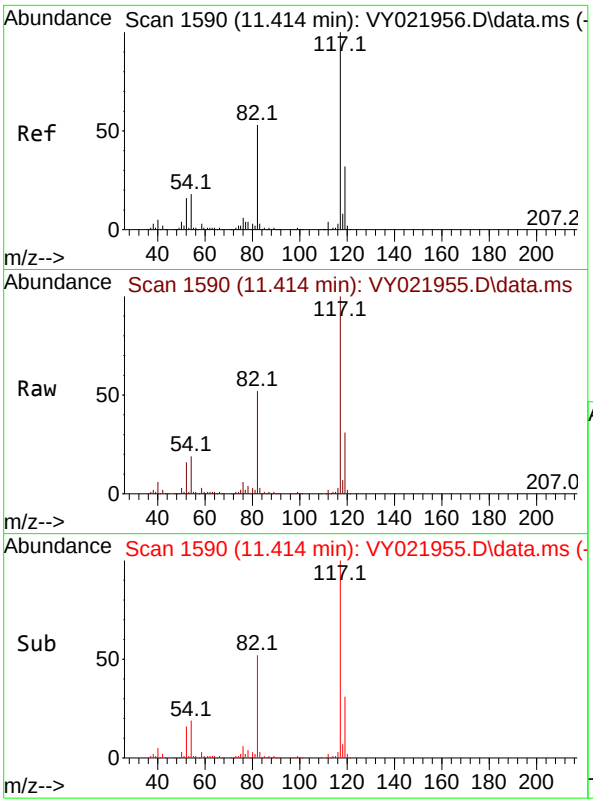
Supervised By :Mahesh Dadoda 04/23/2025



#62
4-Bromofluorobenzene
Concen: 19.144 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 95 Resp: 77034

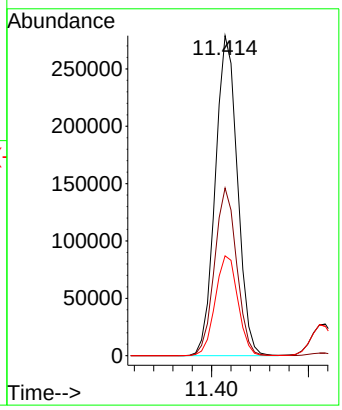
Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	179.0
176	81.8	0.0	171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:117 Resp: 44301

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.1	63.1
119	31.2	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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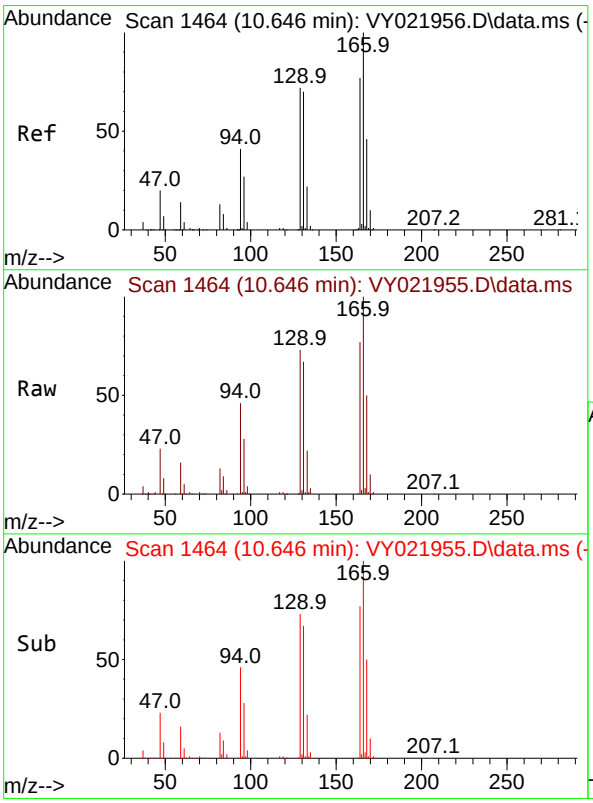
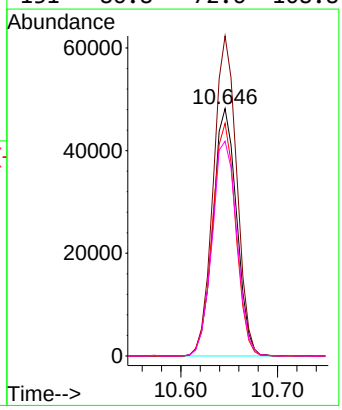
Supervised By :Mahesh Dadoda 04/23/2025

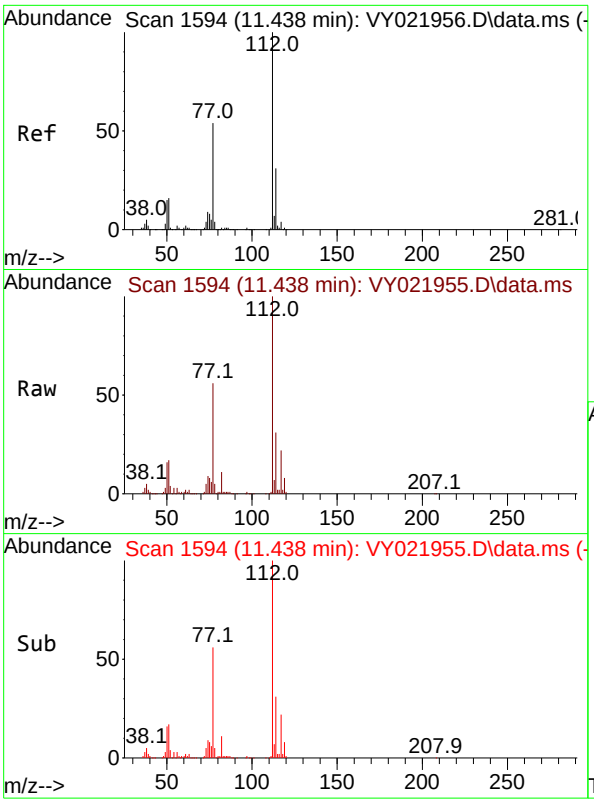


#64
Tetrachloroethene
Concen: 19.600 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:164 Resp: 81915

Ion	Ratio	Lower	Upper
164	100		
166	129.3	103.6	155.4
129	94.0	74.2	111.4
131	86.8	72.6	108.8

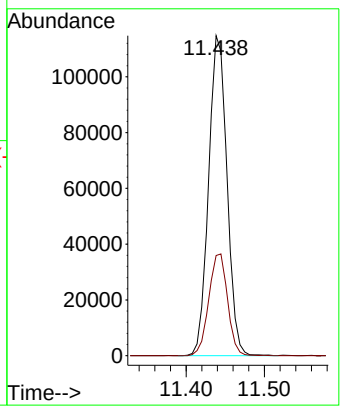




#65
Chlorobenzene
Concen: 18.866 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:112 Resp: 18690

Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
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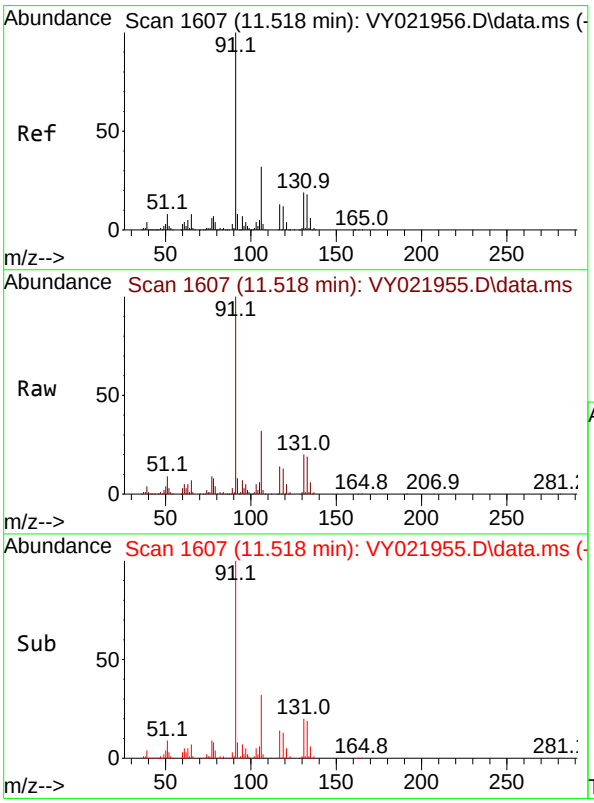
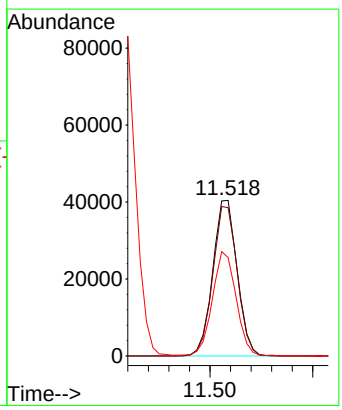
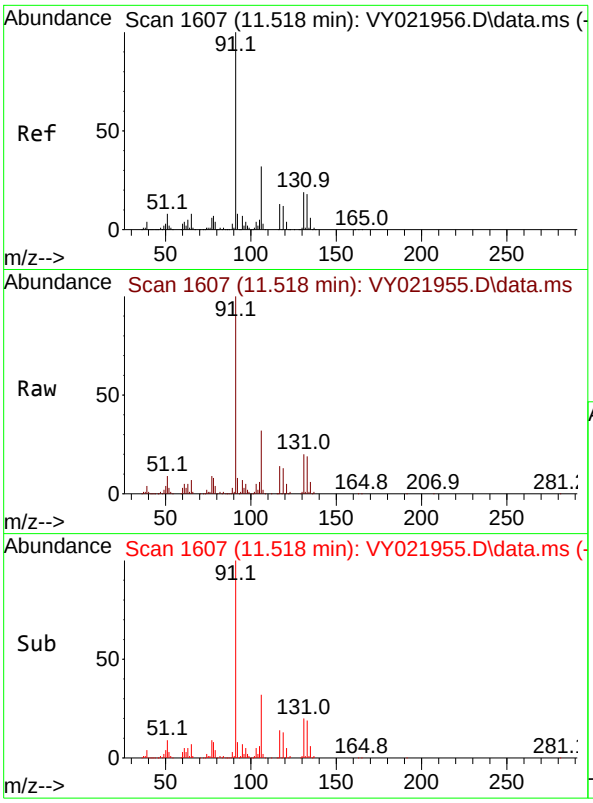


#66
1,1,1,2-Tetrachloroethane
Concen: 19.091 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:131 Resp: 66586

Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.8	143.3
119	65.6	32.4	97.0

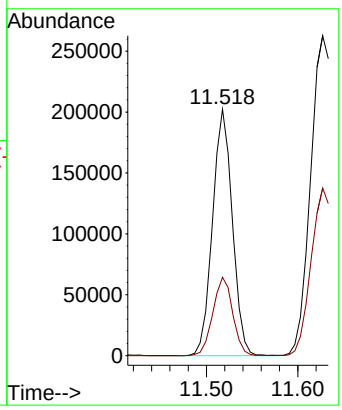




#67
Ethyl Benzene
Concen: 18.789 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 91 Resp: 30450

Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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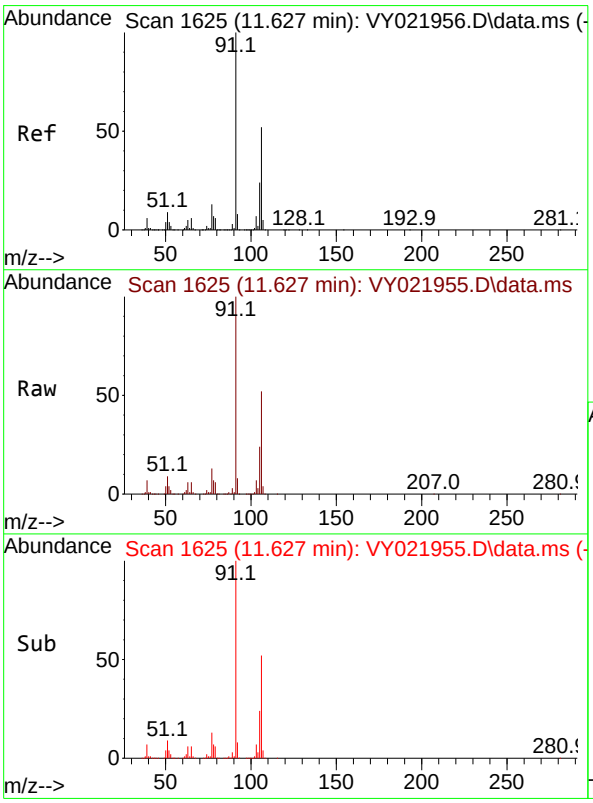
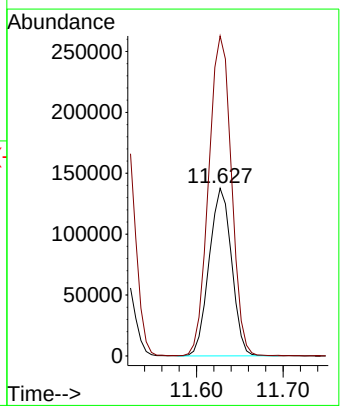
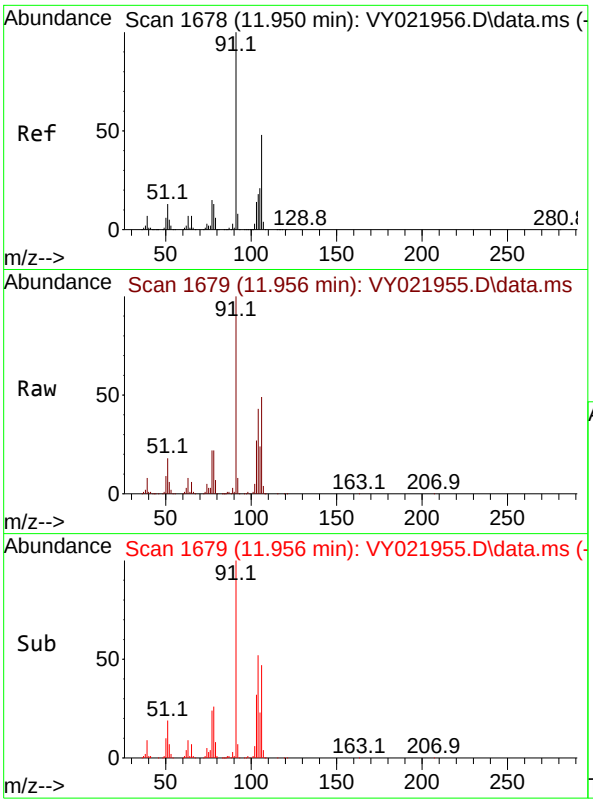


#68
m/p-Xylenes
Concen: 38.407 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:106 Resp: 247677

Ion	Ratio	Lower	Upper
106	100		
91	194.2	156.2	234.2





#69
o-Xylene
Concen: 18.945 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:106 Resp: 11260

Ion	Ratio	Lower	Upper
106	100		
91	206.1	103.0	308.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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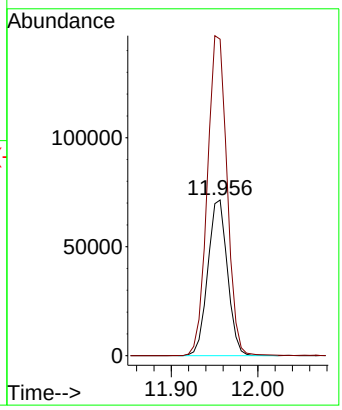
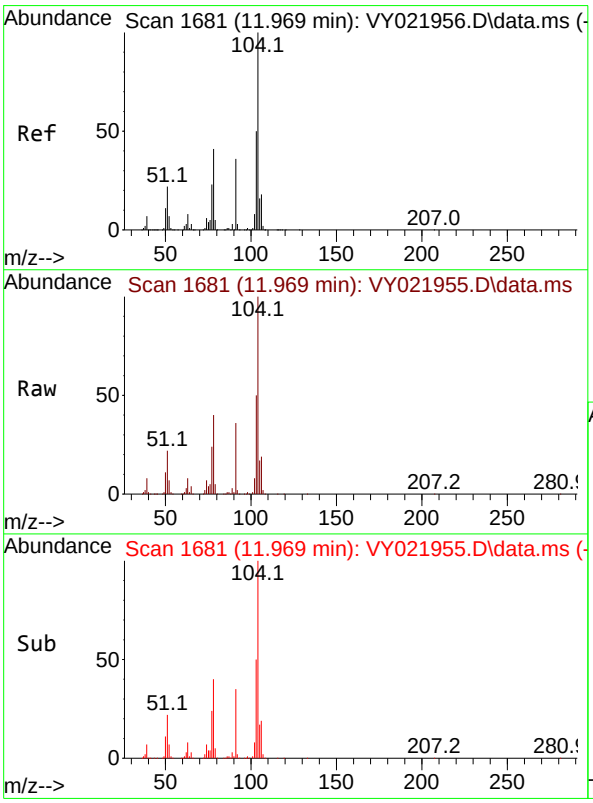
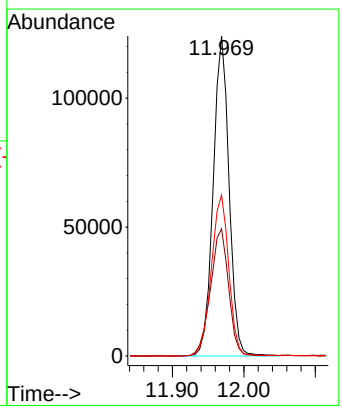


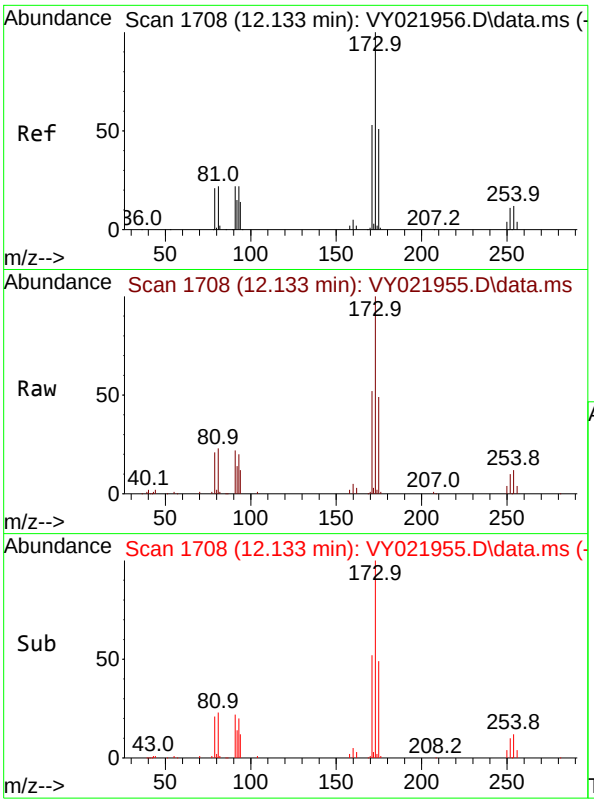


#70
Styrene
Concen: 19.149 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:104 Resp: 191106

Ion	Ratio	Lower	Upper
104	100		
78	45.3	36.6	54.8
103	55.3	43.8	65.8

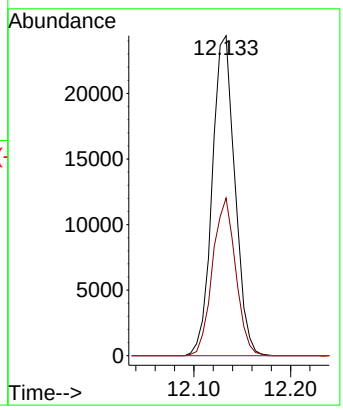




#71
Bromoform
Concen: 19.573 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:173 Resp: 3969

Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.3	72.8
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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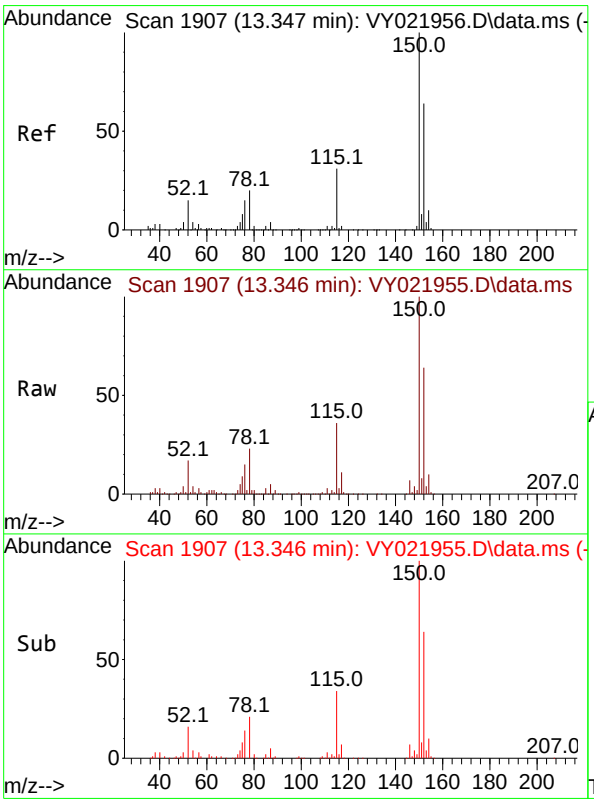
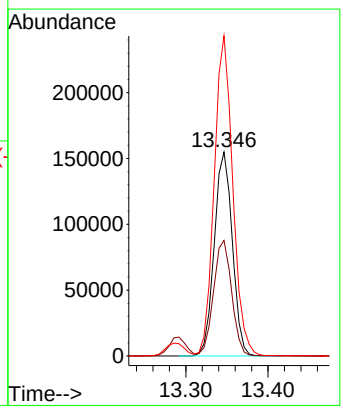
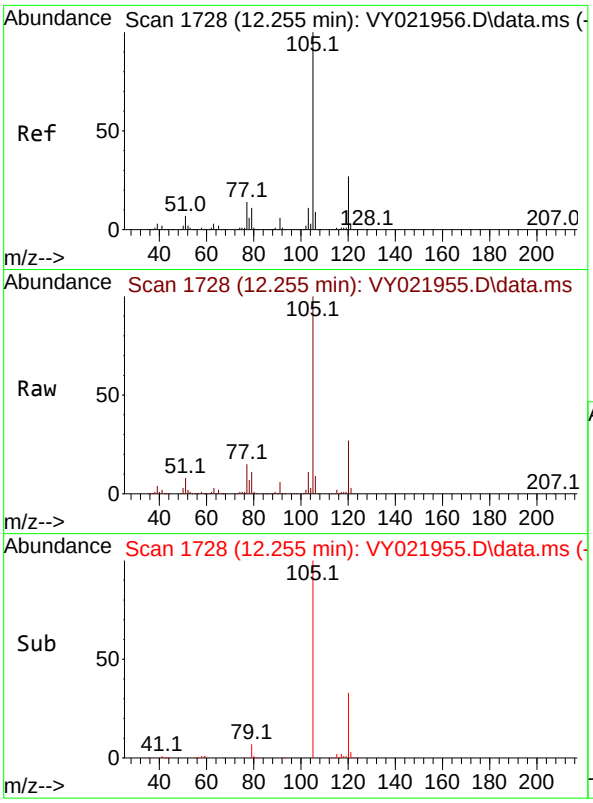


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:152 Resp: 236548

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.0	84.0
150	161.0	0.0	345.6





#73
Isopropylbenzene
Concen: 18.570 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:105 Resp: 29348

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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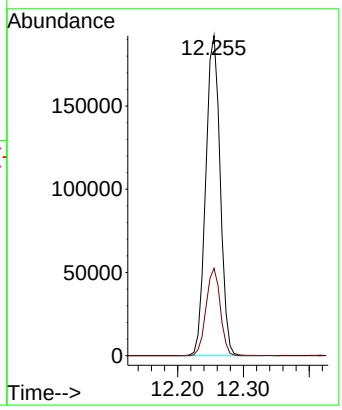
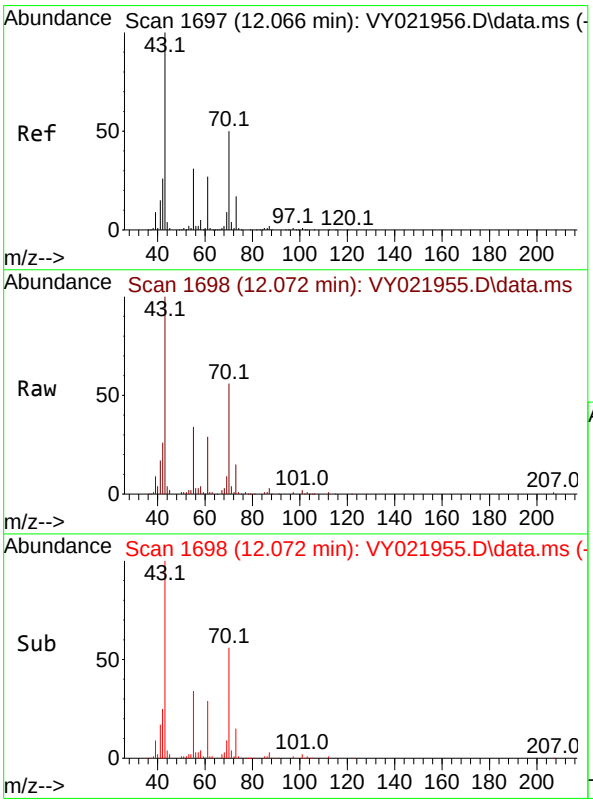
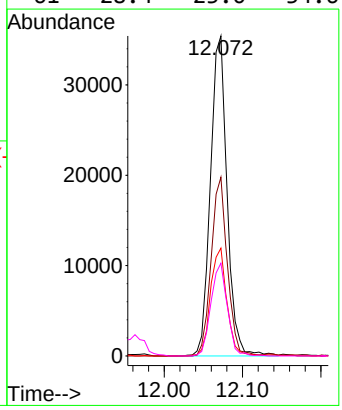


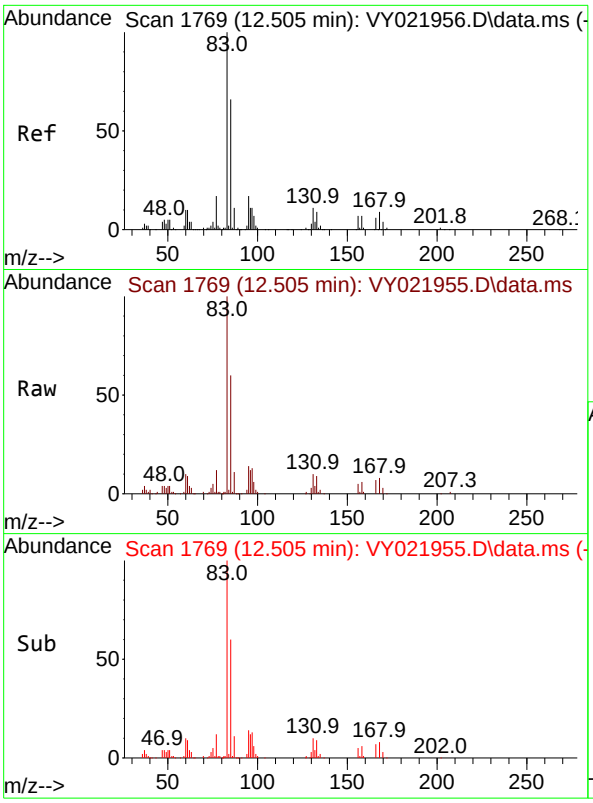


#74
N-amyl acetate
Concen: 19.271 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 43 Resp: 52325

Ion	Ratio	Lower	Upper
43	100		
70	54.1	43.2	64.8
55	33.2	25.7	38.5
61	28.4	23.0	34.6

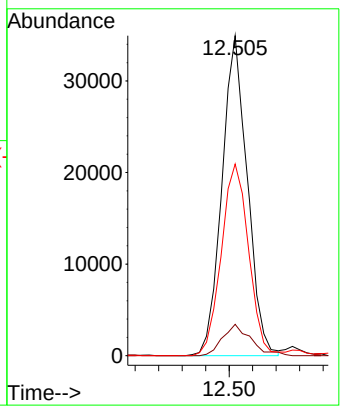




#75
1,1,2,2-Tetrachloroethane
Concen: 19.713 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 83 Resp: 5252

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	64.5	32.3	96.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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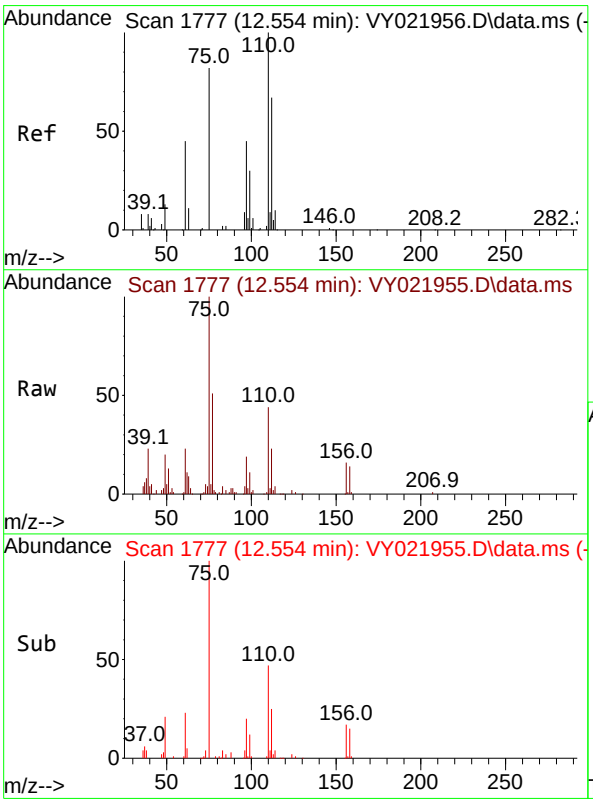
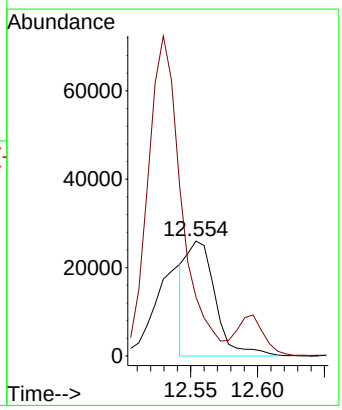
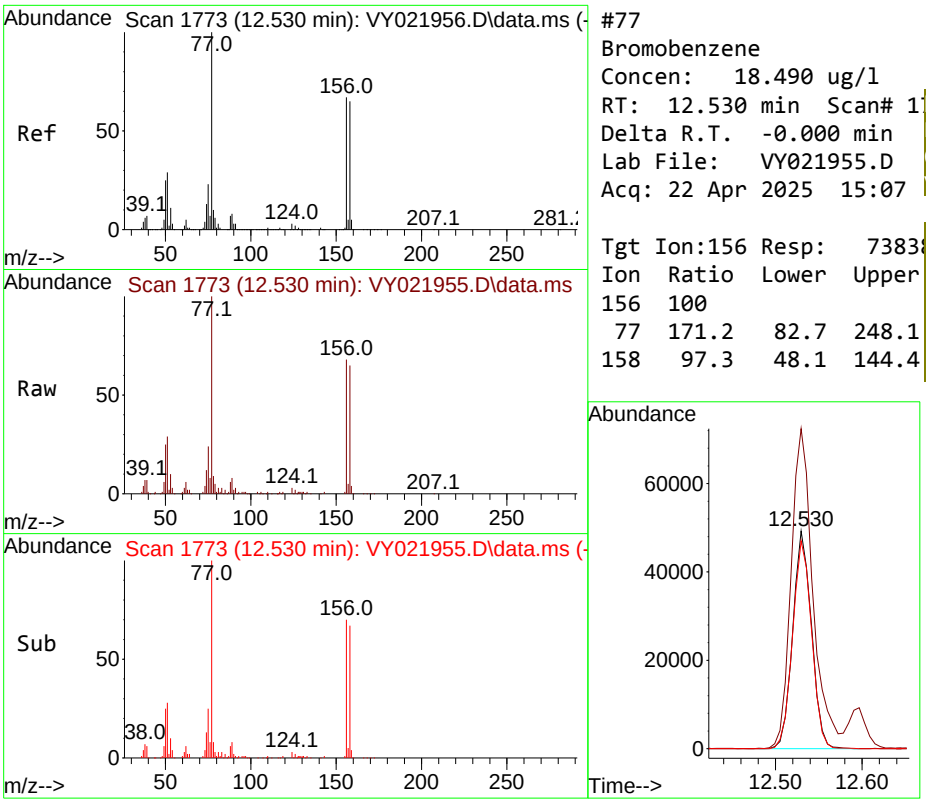


#76
1,2,3-Trichloropropane
Concen: 18.965 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 39530

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 18.490 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:156 Resp: 7383

Ion	Ratio	Lower	Upper
156	100		
77	171.2	82.7	248.1
158	97.3	48.1	144.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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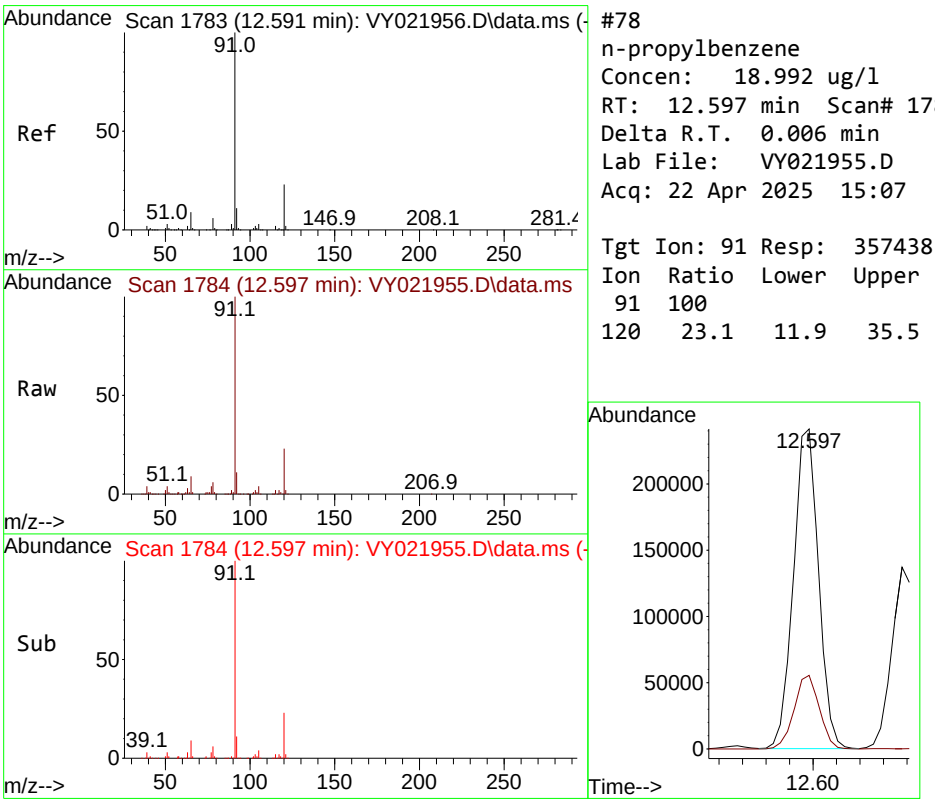
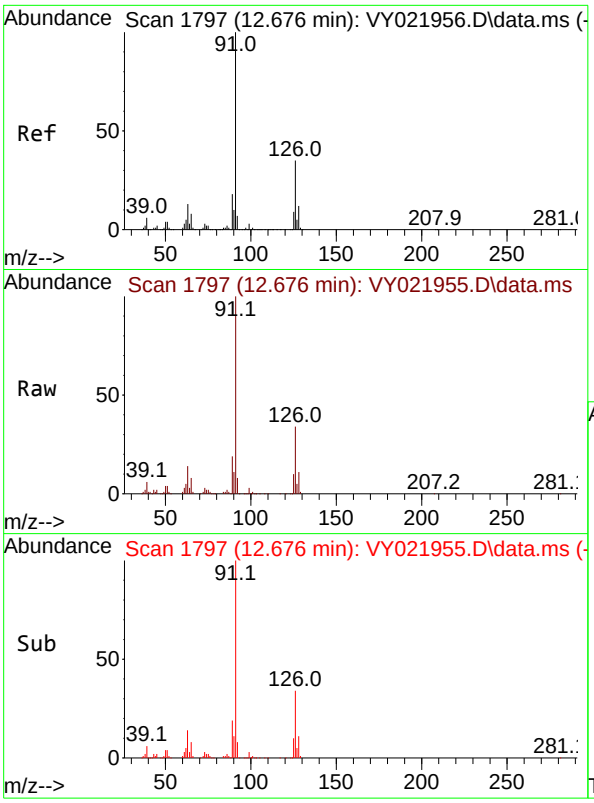


#78
n-propylbenzene
Concen: 18.992 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 91 Resp: 357438

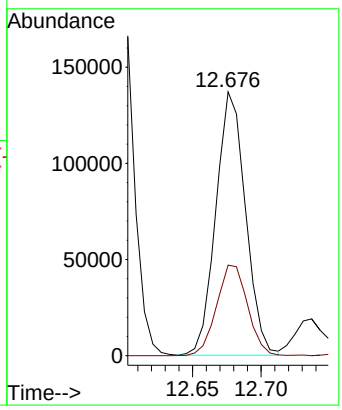
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.9	35.5



#79
2-Chlorotoluene
Concen: 18.840 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 91 Resp: 20621

Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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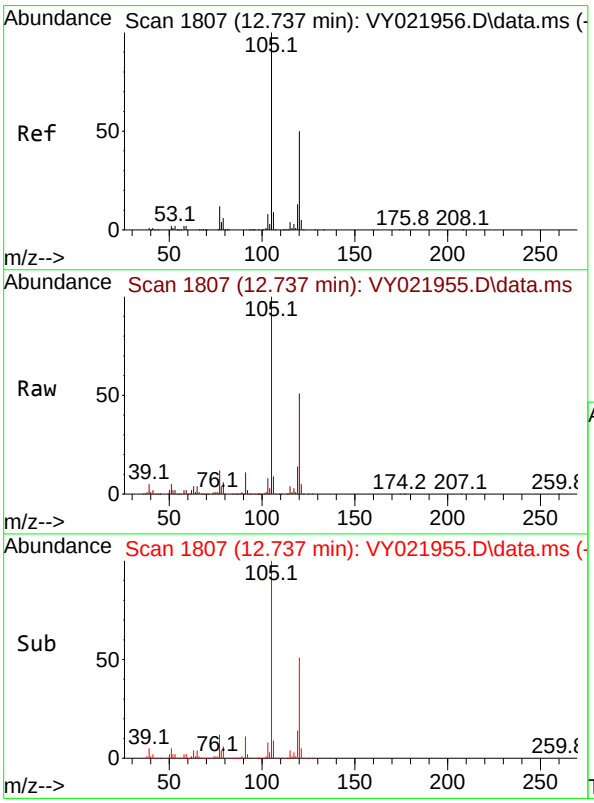
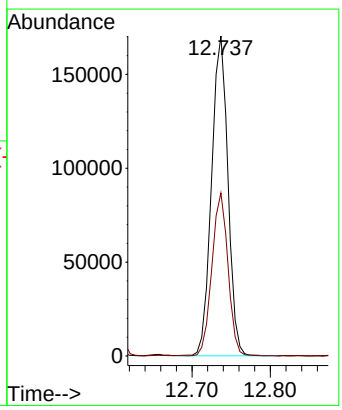
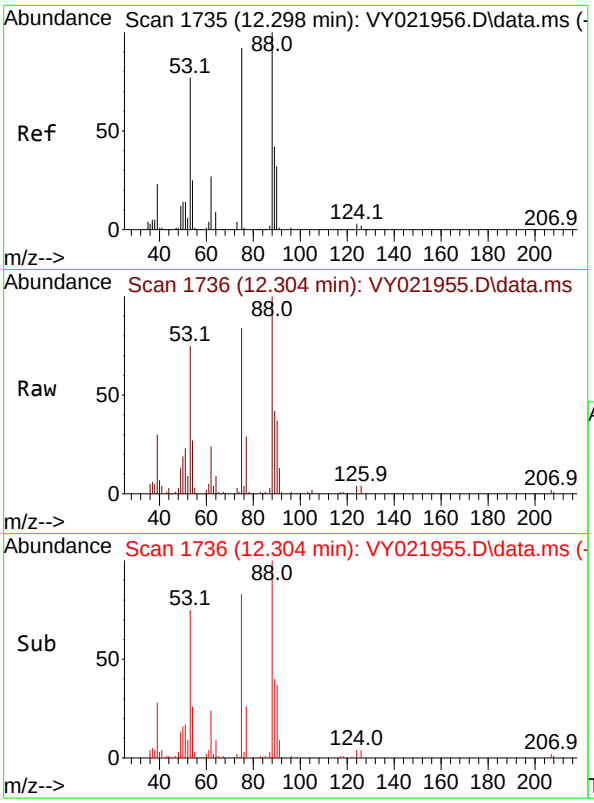


#80
1,3,5-Trimethylbenzene
Concen: 18.997 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:105 Resp: 247372

Ion	Ratio	Lower	Upper
105	100		
120	50.1	25.0	75.0

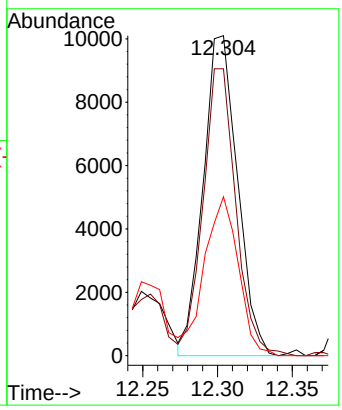




#81
trans-1,4-Dichloro-2-butene
Concen: 19.163 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 1612

Ion	Ratio	Lower	Upper
75	100		
53	85.8	66.0	99.0
89	49.1	37.2	55.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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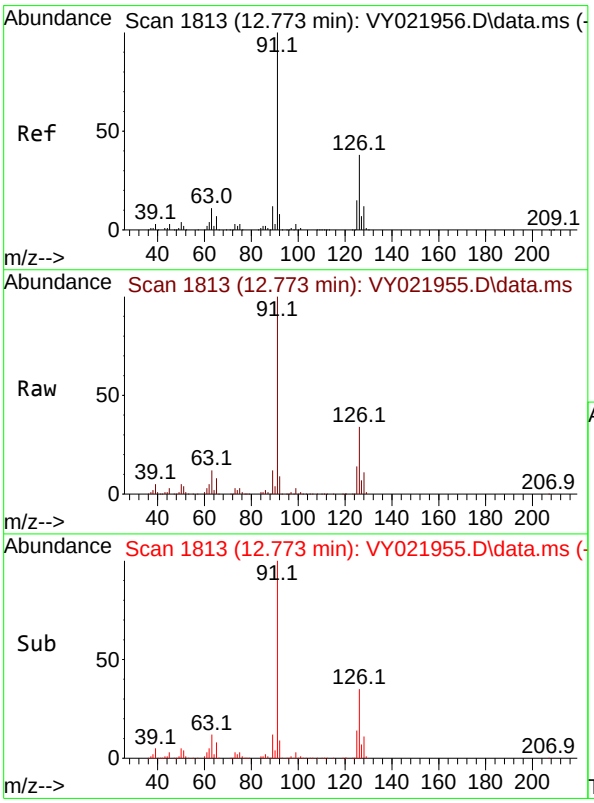
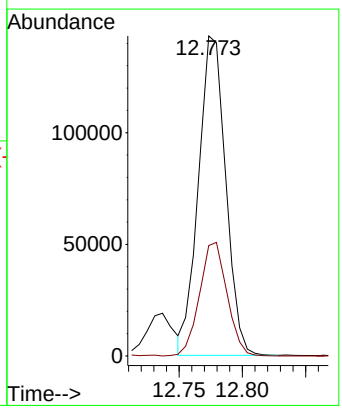
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

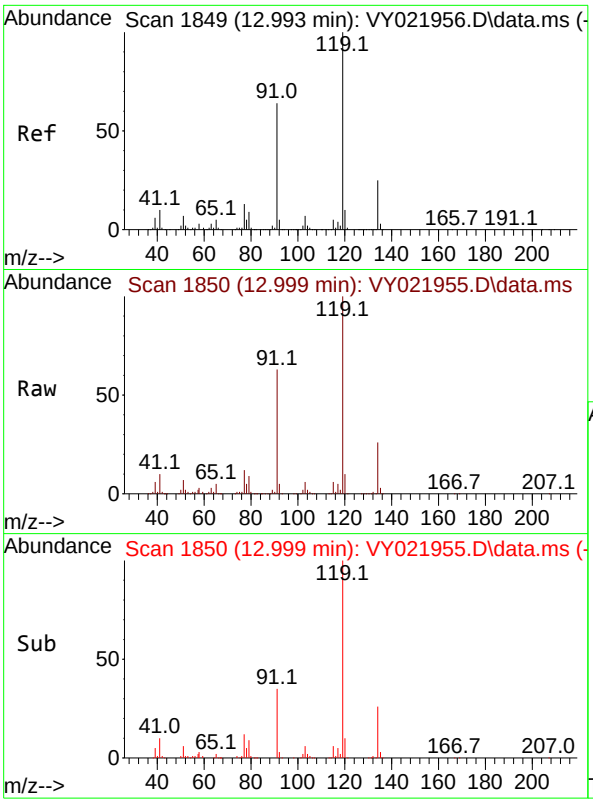


#82
4-Chlorotoluene
Concen: 18.876 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 91 Resp: 214776

Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.9	53.8

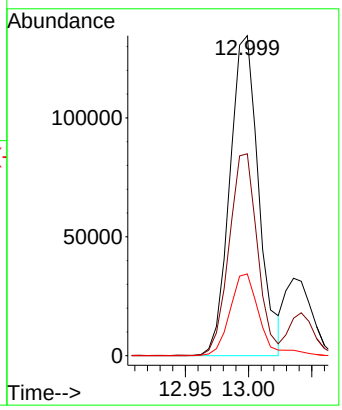




#83
tert-Butylbenzene
Concen: 18.337 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:119 Resp: 21414

Ion	Ratio	Lower	Upper
119	100		
91	61.8	30.3	90.9
134	26.2	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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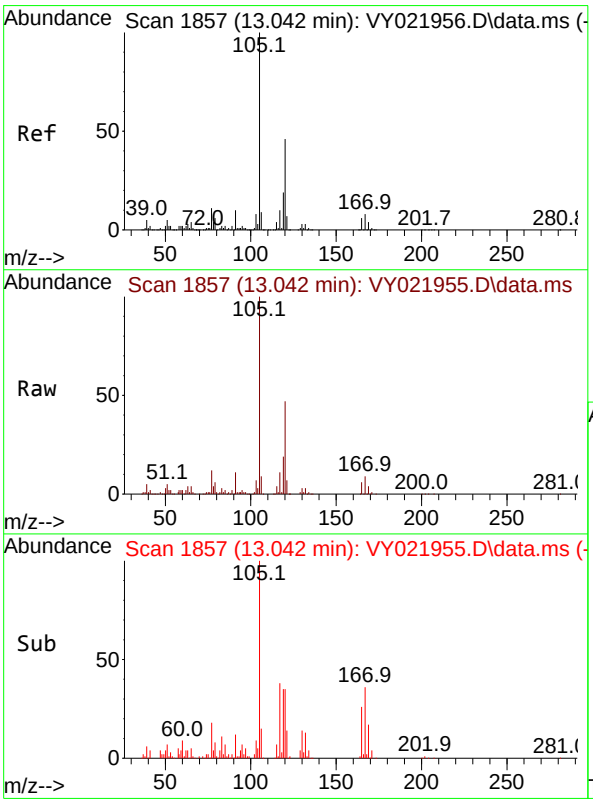
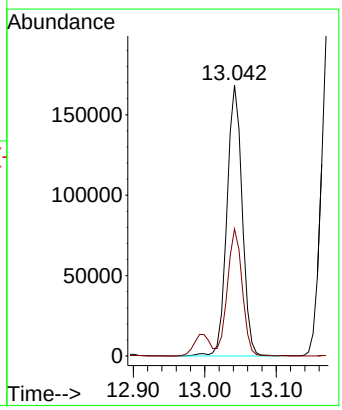
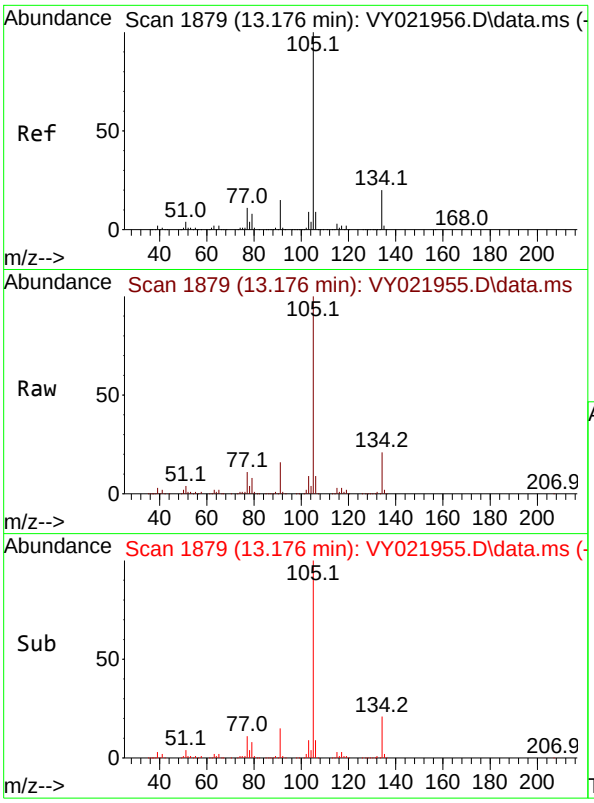


#84
1,2,4-Trimethylbenzene
Concen: 19.110 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:105 Resp: 248902

Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.4	70.0

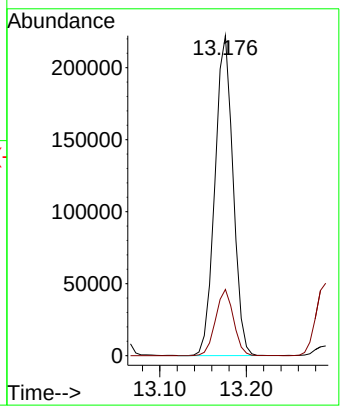




#85
sec-Butylbenzene
Concen: 18.873 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:105 Resp: 32252

Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.3	30.9



Instrument :
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ClientSampleId :
VSTDICC020

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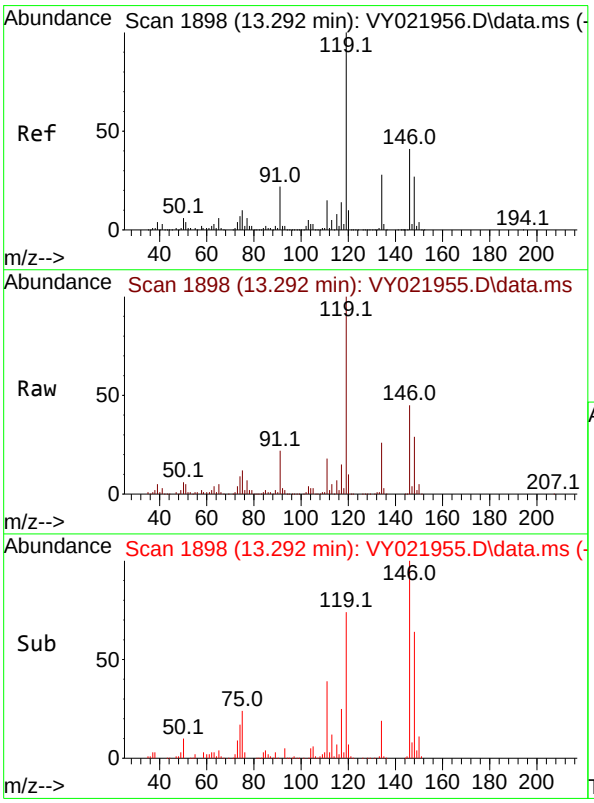
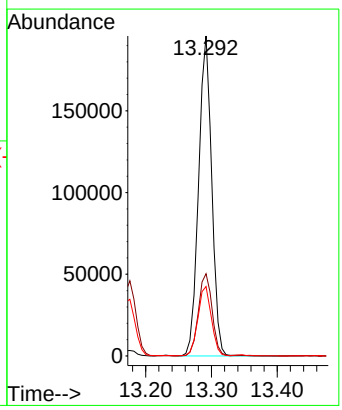
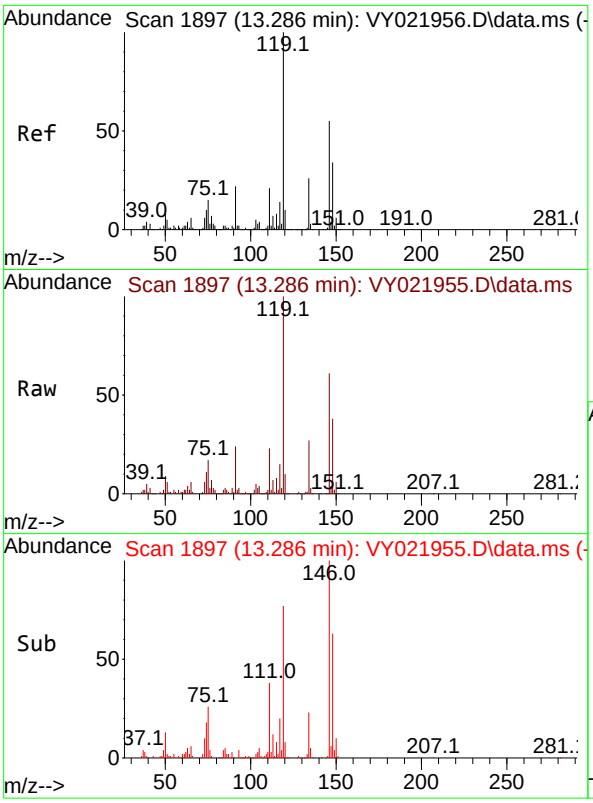


#86
p-Isopropyltoluene
Concen: 18.706 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:119 Resp: 271440

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	22.1	11.0	33.0

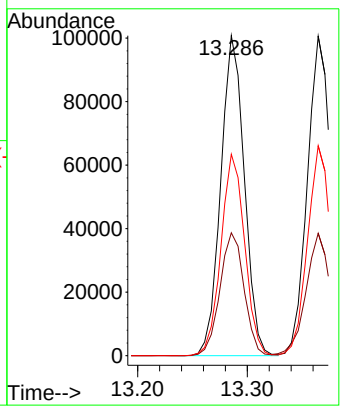




#87
1,3-Dichlorobenzene
Concen: 18.602 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:146 Resp: 15087

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.5
148	63.2	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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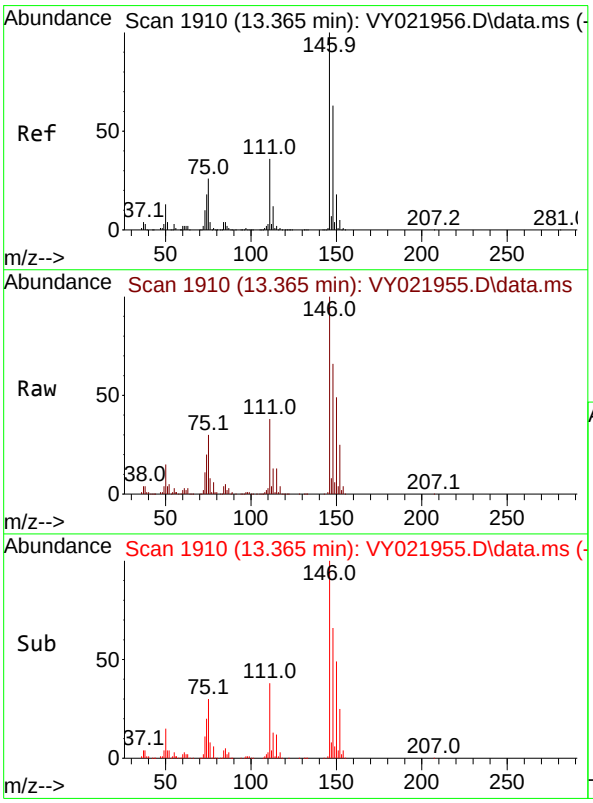
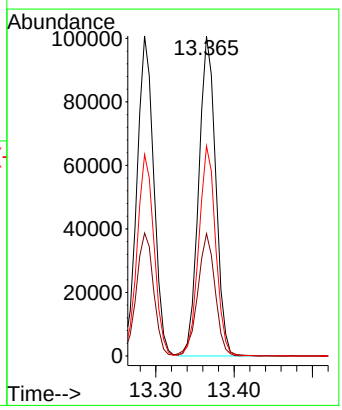
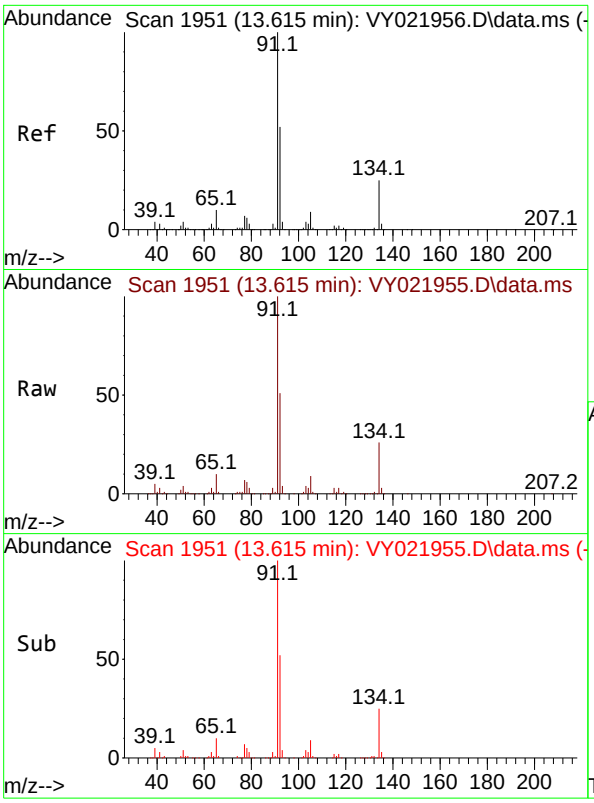


#88
1,4-Dichlorobenzene
Concen: 18.905 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:146 Resp: 151864

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.2	57.6
148	65.0	32.0	96.0

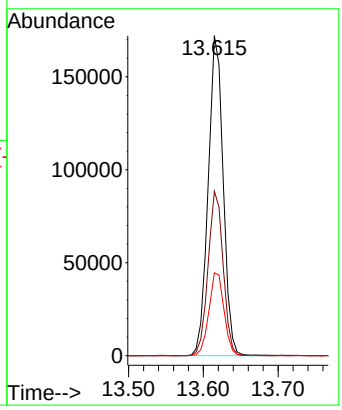




#89
n-Butylbenzene
Concen: 18.566 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 91 Resp: 24081

Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.5	79.5
134	26.2	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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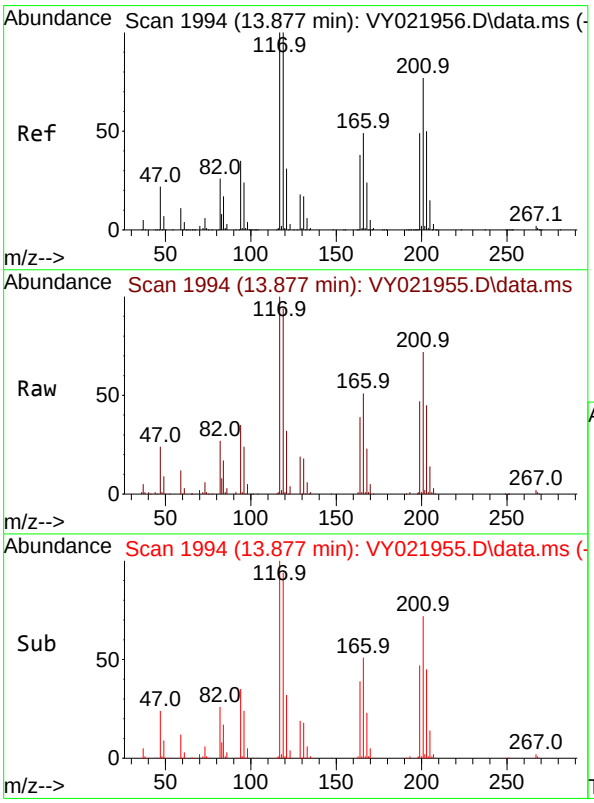
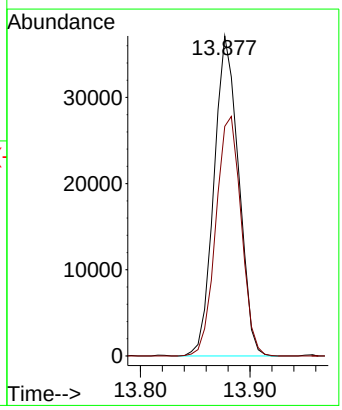
Supervised By :Mahesh Dadoda 04/23/2025

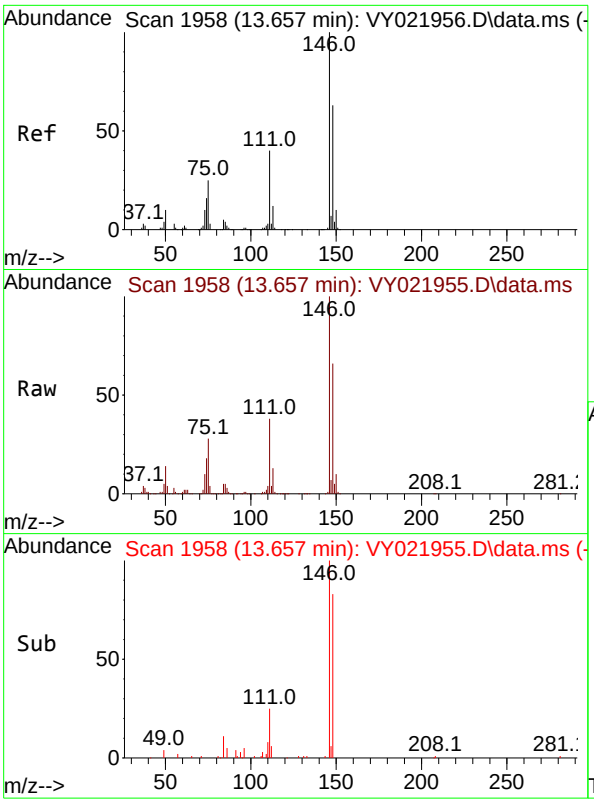


#90
Hexachloroethane
Concen: 18.211 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:117 Resp: 58060

Ion	Ratio	Lower	Upper
117	100		
201	76.9	38.7	116.1

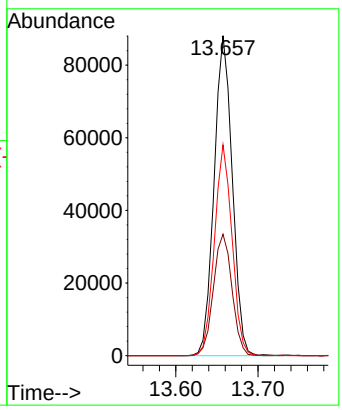




#91
1,2-Dichlorobenzene
Concen: 19.175 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:146 Resp: 13565

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	63.8	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

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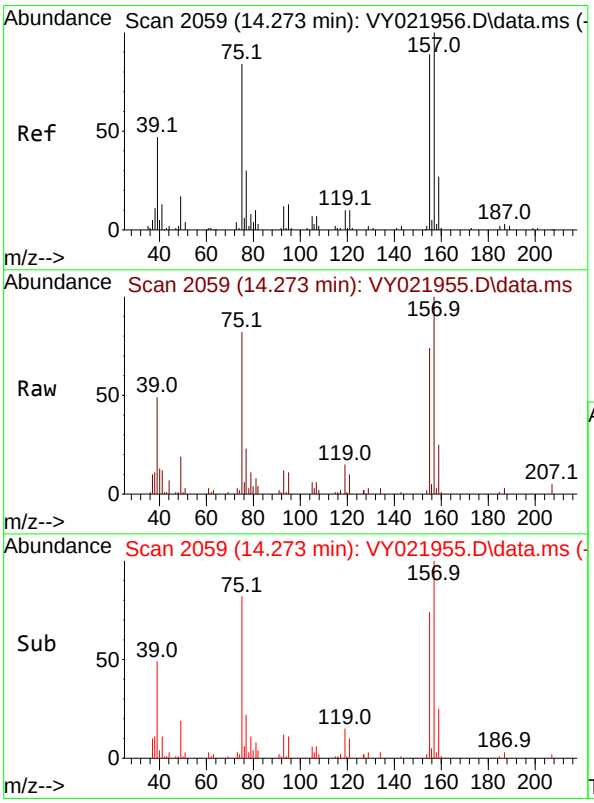
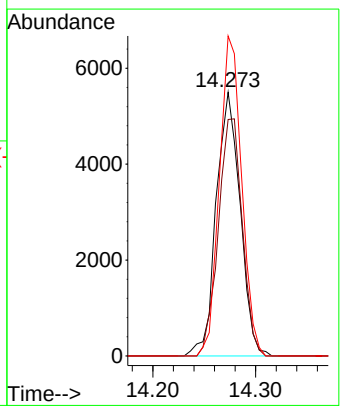
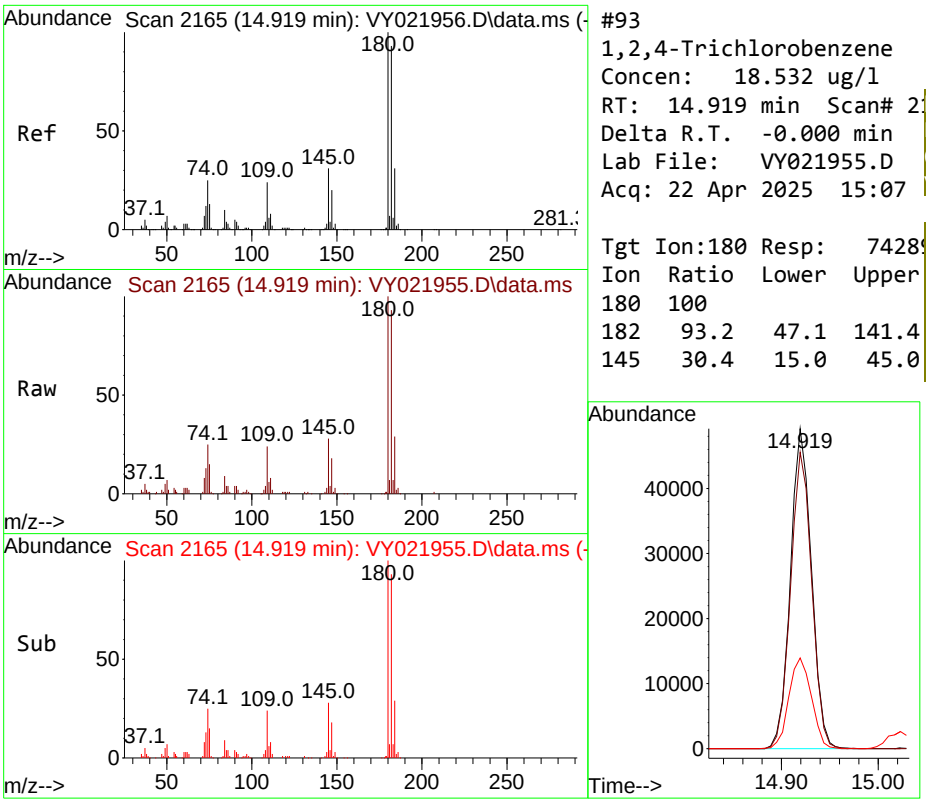


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.910 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion: 75 Resp: 8864

Ion	Ratio	Lower	Upper
75	100		
155	90.1	50.7	152.3
157	113.1	62.6	187.8





#93
1,2,4-Trichlorobenzene
Concen: 18.532 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:180 Resp: 7428

Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.1	141.4
145	30.4	15.0	45.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

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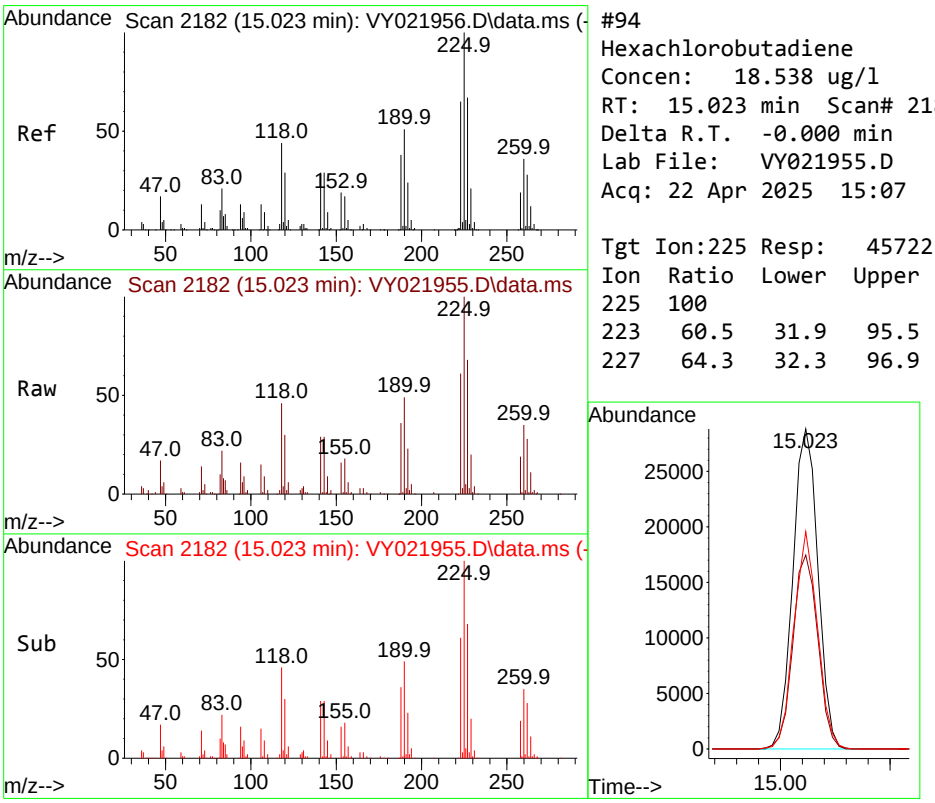
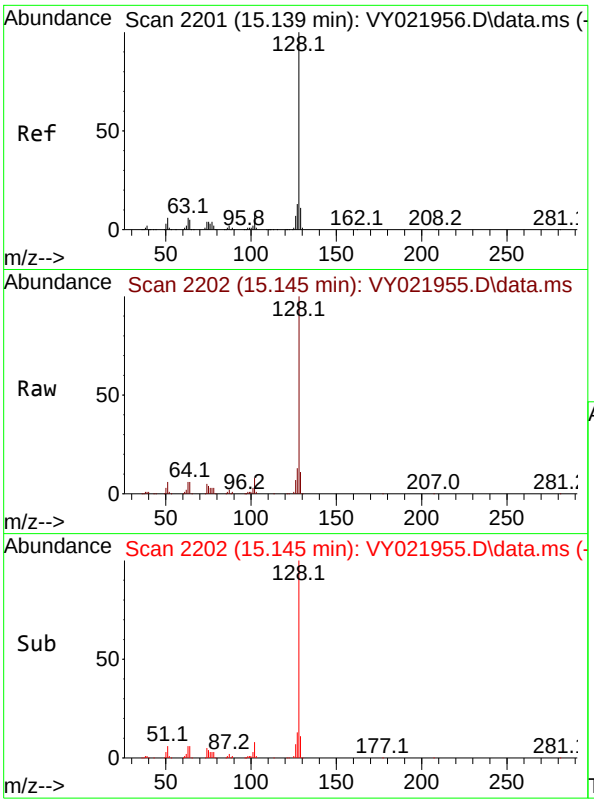


#94
Hexachlorobutadiene
Concen: 18.538 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:225 Resp: 45722

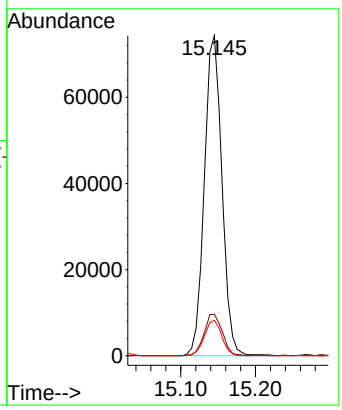
Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.9	95.5
227	64.3	32.3	96.9



#95
Naphthalene
Concen: 18.238 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:128 Resp: 12145

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.9	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/23/2025
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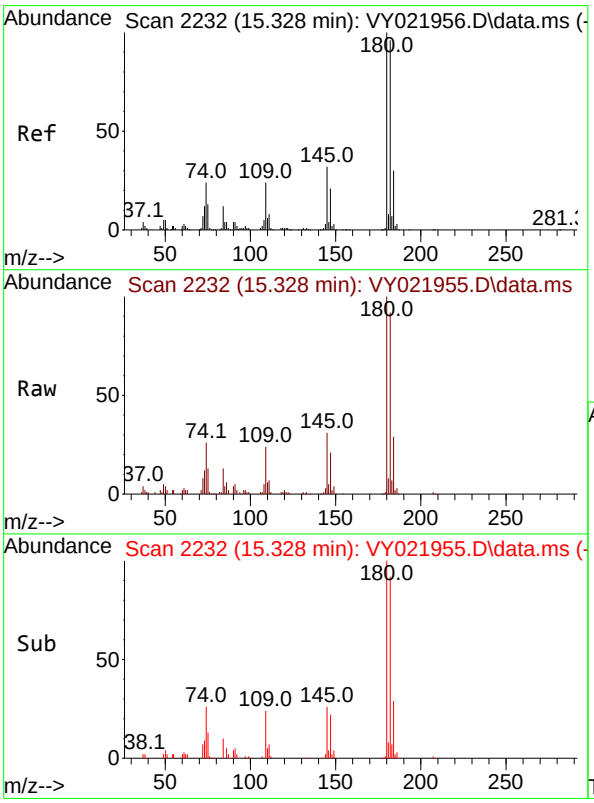
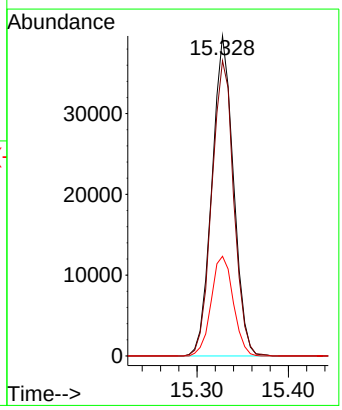


#96
1,2,3-Trichlorobenzene
Concen: 18.707 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY021955.D
Acq: 22 Apr 2025 15:07

Tgt Ion:180 Resp: 64735

Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.1	144.4
145	32.0	16.0	48.0



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Data File : VY021956.D
Acq On : 22 Apr 2025 15:29
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:11:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	321453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	499724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	458508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	245926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149695	50.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.840%			
35) Dibromofluoromethane	7.634	113	164867	49.938	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.880%			
50) Toluene-d8	10.103	98	637767	51.241	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.402	95	212936	50.820	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	126242	46.089	ug/l	100
3) Chloromethane	2.062	50	193657	49.653	ug/l	100
4) Vinyl Chloride	2.196	62	234756	48.981	ug/l	100
5) Bromomethane	2.592	94	191530	46.385	ug/l	100
6) Chloroethane	2.733	64	158887	48.677	ug/l	100
7) Trichlorofluoromethane	3.050	101	308523	48.817	ug/l	100
8) Diethyl Ether	3.452	74	79512	48.337	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	157297	45.881	ug/l	100
10) Methyl Iodide	4.001	142	202276	50.959	ug/l	100
11) Tert butyl alcohol	4.879	59	41968	257.462	ug/l	100
12) 1,1-Dichloroethene	3.787	96	151531	47.419	ug/l	100
13) Acrolein	3.653	56	68275	233.366	ug/l	100
14) Allyl chloride	4.379	41	178559	47.988	ug/l	100
15) Acrylonitrile	5.055	53	150181	249.387	ug/l	100
16) Acetone	3.879	43	101417	261.973	ug/l	100
17) Carbon Disulfide	4.098	76	479842	47.094	ug/l	100
18) Methyl Acetate	4.385	43	71756	51.735	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	364107	50.907	ug/l	100
20) Methylene Chloride	4.610	84	171472	45.671	ug/l	100
21) trans-1,2-Dichloroethene	5.104	96	171054	47.796	ug/l	100
22) Diisopropyl ether	6.019	45	414816	50.096	ug/l	100
23) Vinyl Acetate	5.958	43	1151100	257.942	ug/l	100
24) 1,1-Dichloroethane	5.915	63	274136	47.762	ug/l	100
25) 2-Butanone	6.896	43	169727	250.772	ug/l	100
26) 2,2-Dichloropropane	6.884	77	238816	47.472	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	196712	49.157	ug/l	100
28) Bromochloromethane	7.244	49	110399	49.520	ug/l	100
29) Tetrahydrofuran	7.262	42	117311	266.870	ug/l	100
30) Chloroform	7.421	83	307243	48.259	ug/l	100
31) Cyclohexane	7.701	56	227735	46.398	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	274062	47.581	ug/l	100
36) 1,1-Dichloropropene	7.835	75	212523	47.923	ug/l	100
37) Ethyl Acetate	6.982	43	80627	51.312	ug/l	100
38) Carbon Tetrachloride	7.817	117	253502	47.838	ug/l	100
39) Methylcyclohexane	9.109	83	274408	49.170	ug/l	100
40) Benzene	8.079	78	667899	48.179	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021956.D
Acq On : 22 Apr 2025 15:29
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 23 02:11:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	45898	52.696	ug/l		100
42) 1,2-Dichloroethane	8.158	62	167612	48.835	ug/l		100
43) Isopropyl Acetate	8.195	43	155835	50.948	ug/l		100
44) Trichloroethene	8.860	130	183327	47.744	ug/l		100
45) 1,2-Dichloropropane	9.140	63	149687	48.827	ug/l		100
46) Dibromomethane	9.231	93	93536	48.740	ug/l		100
47) Bromodichloromethane	9.420	83	234964	49.010	ug/l		100
48) Methyl methacrylate	9.219	41	75057	53.082	ug/l		100
49) 1,4-Dioxane	9.238	88	20303	992.601	ug/l		100
51) 4-Methyl-2-Pentanone	10.000	43	428635	267.326	ug/l		100
52) Toluene	10.170	92	446525	49.760	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	208479	50.698	ug/l		100
54) cis-1,3-Dichloropropene	9.853	75	241637	49.432	ug/l		100
55) 1,1,2-Trichloroethane	10.573	97	128082	49.965	ug/l		100
56) Ethyl methacrylate	10.439	69	157986	53.893	ug/l		100
57) 1,3-Dichloropropane	10.713	76	204196	49.688	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	401030	279.797	ug/l		100
59) 2-Hexanone	10.762	43	286755	271.141	ug/l		100
60) Dibromochloromethane	10.908	129	176120	49.624	ug/l		100
61) 1,2-Dibromoethane	11.012	107	120604	49.835	ug/l		100
64) Tetrachloroethene	10.646	164	208756	48.263	ug/l		100
65) Chlorobenzene	11.438	112	496647	48.437	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	177151	49.075	ug/l		100
67) Ethyl Benzene	11.518	91	841384	50.163	ug/l		100
68) m/p-Xylenes	11.627	106	673159	100.858	ug/l		100
69) o-Xylene	11.950	106	315731	51.325	ug/l		100
70) Styrene	11.969	104	535957	51.890	ug/l		100
71) Bromoform	12.133	173	105166	50.110	ug/l	#	100
73) Isopropylbenzene	12.255	105	817740	49.770	ug/l		100
74) N-amyl acetate	12.066	43	145415	51.512	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.505	83	134856	48.682	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	99679m	45.999	ug/l		
77) Bromobenzene	12.530	156	203522	49.021	ug/l		100
78) n-propylbenzene	12.591	91	977958	49.981	ug/l		100
79) 2-Chlorotoluene	12.676	91	560805	49.283	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	688578	50.863	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	43472	49.698	ug/l		100
82) 4-Chlorotoluene	12.773	91	585277	49.478	ug/l		100
83) tert-Butylbenzene	12.993	119	613293	50.513	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	684634	50.560	ug/l		100
85) sec-Butylbenzene	13.176	105	885790	49.857	ug/l		100
86) p-Isopropyltoluene	13.292	119	760829	50.431	ug/l		100
87) 1,3-Dichlorobenzene	13.286	146	405153	48.048	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	398336	47.697	ug/l		100
89) n-Butylbenzene	13.615	91	674346	50.008	ug/l		100
90) Hexachloroethane	13.877	117	156957	47.353	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	357028	48.544	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20698	46.964	ug/l		100
93) 1,2,4-Trichlorobenzene	14.919	180	202386	48.561	ug/l		100
94) Hexachlorobutadiene	15.023	225	117976	46.009	ug/l		100
95) Naphthalene	15.139	128	353130	51.007	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	173778	48.304	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021956.D
Acq On : 22 Apr 2025 15:29
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:11:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

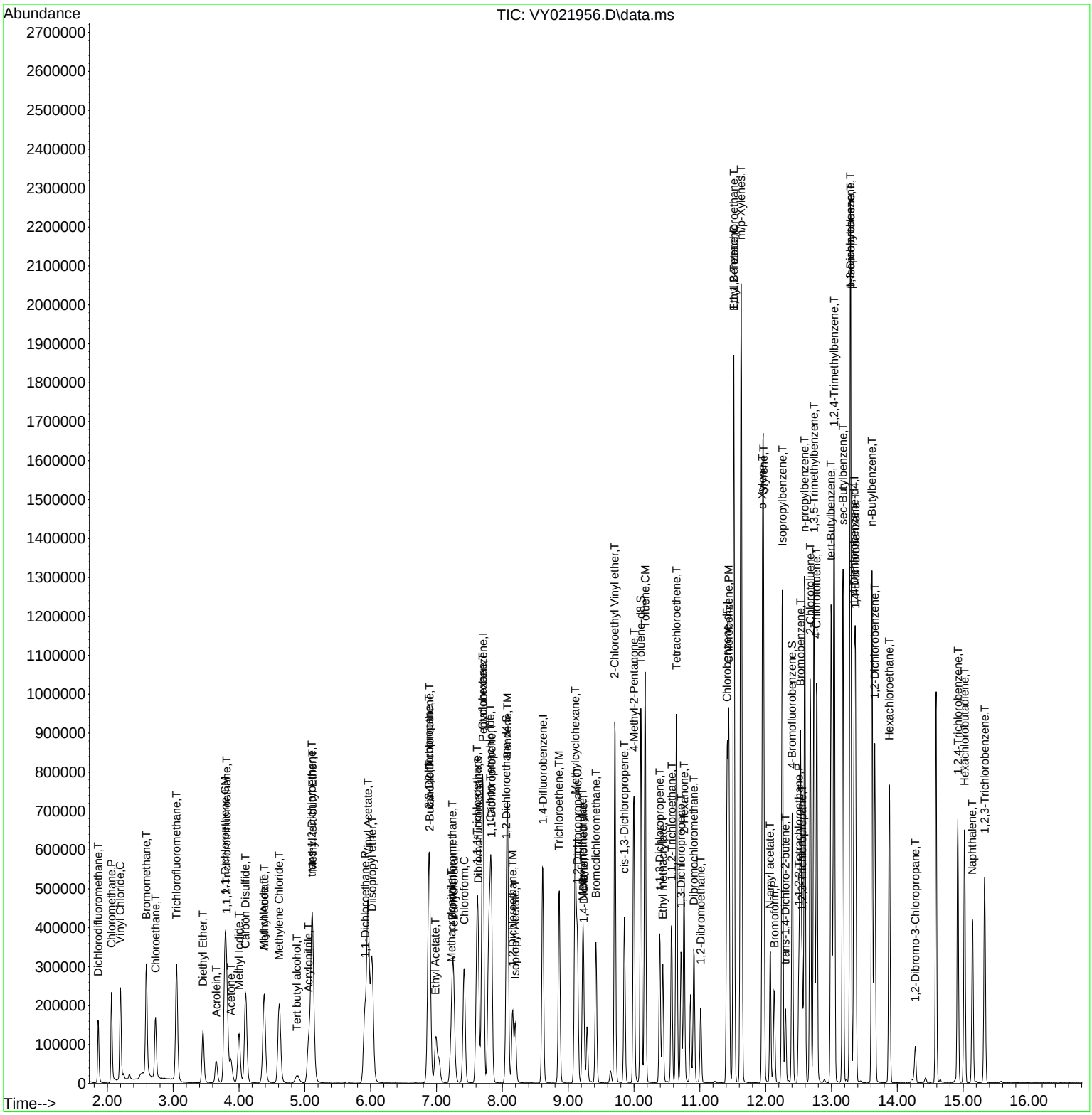
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021956.D
Acq On : 22 Apr 2025 15:29
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

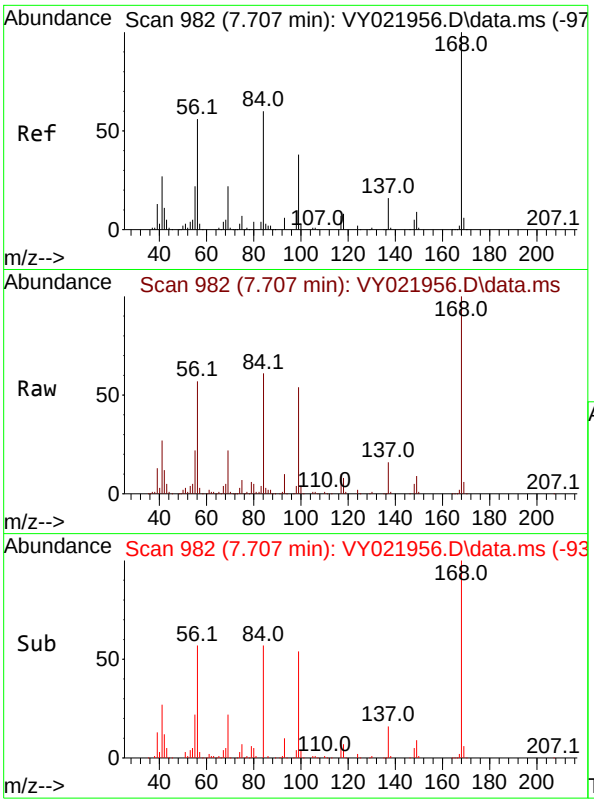
Quant Time: Apr 23 02:11:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

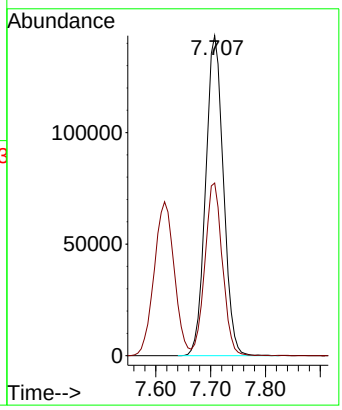




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:168 Resp: 32145

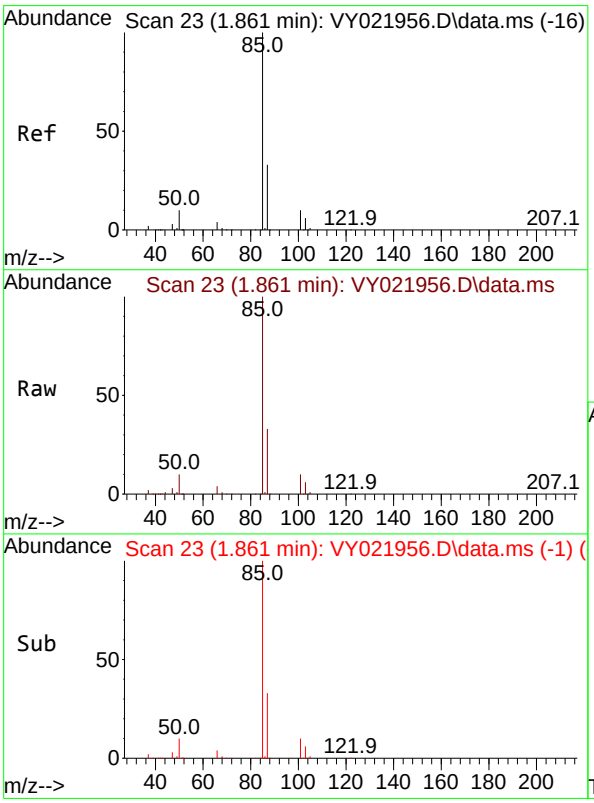
Ion	Ratio	Lower	Upper
168	100		
99	53.9	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

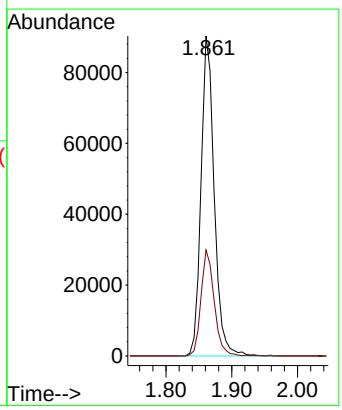
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

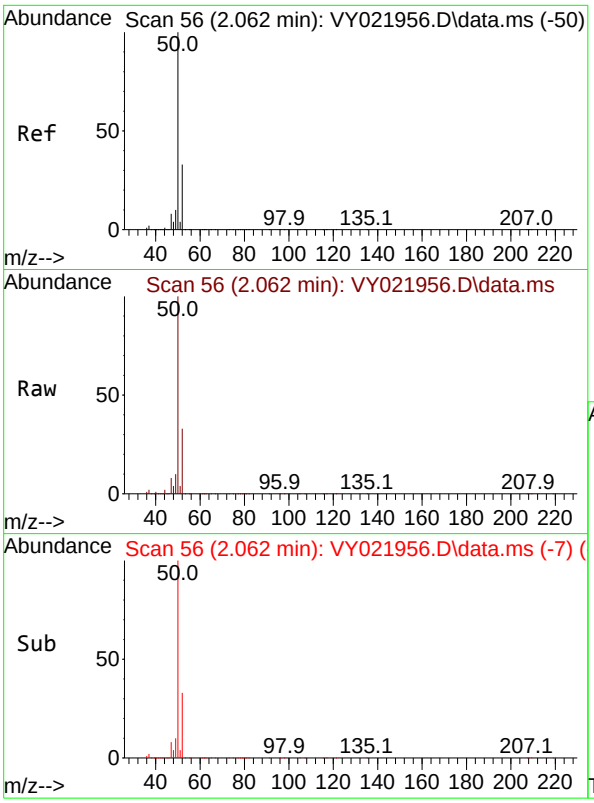


#2
Dichlorodifluoromethane
Concen: 46.089 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 85 Resp: 126242

Ion	Ratio	Lower	Upper
85	100		
87	33.1	16.6	49.7





#3
Chloromethane
Concen: 49.653 ug/l
RT: 2.062 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

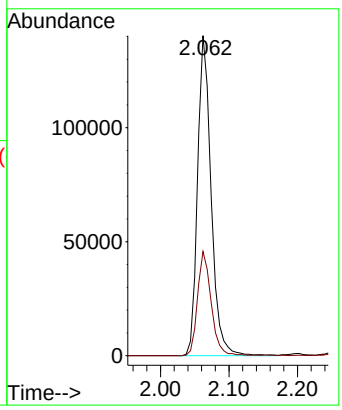
Tgt Ion: 50 Resp: 19365

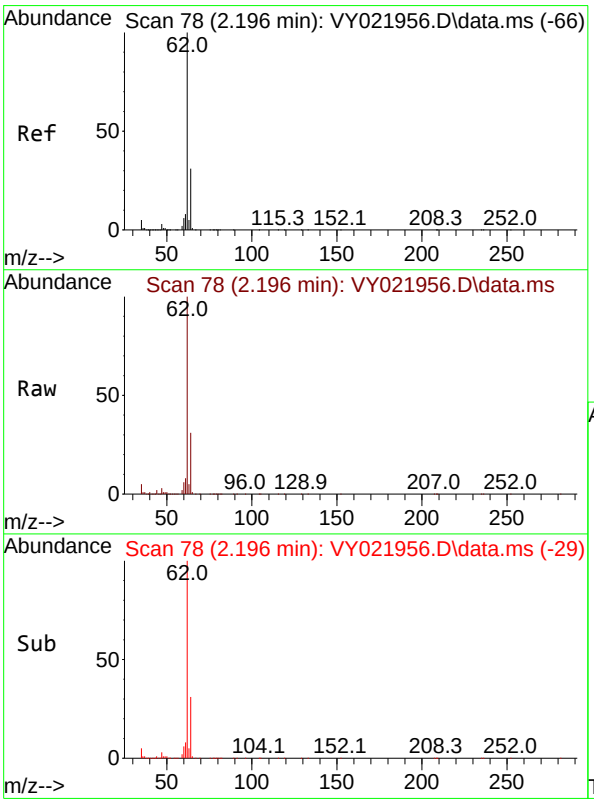
Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

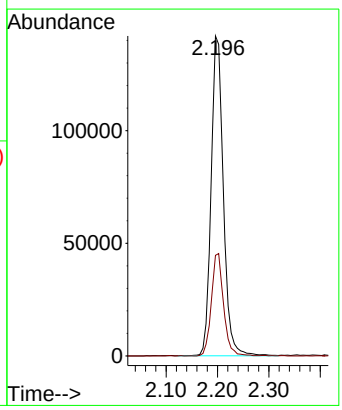


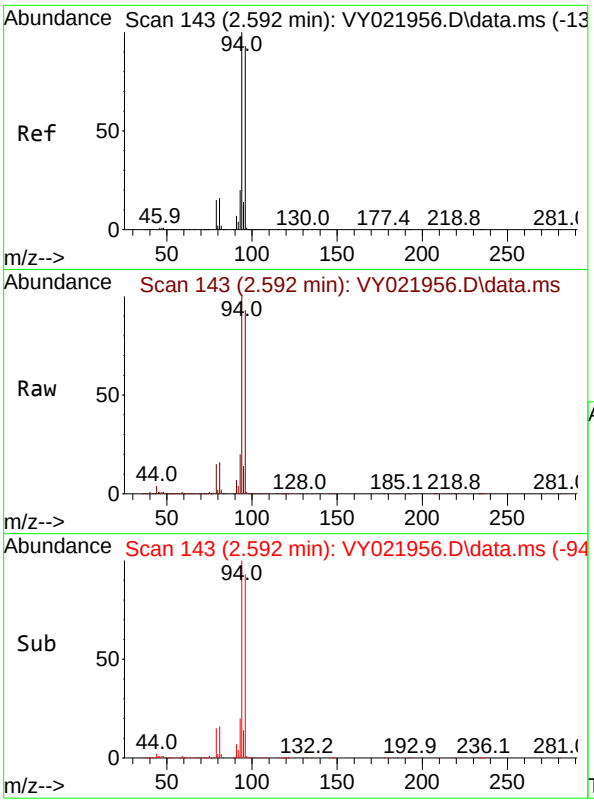


#4
Vinyl Chloride
Concen: 48.981 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 62 Resp: 234756

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.1	37.7

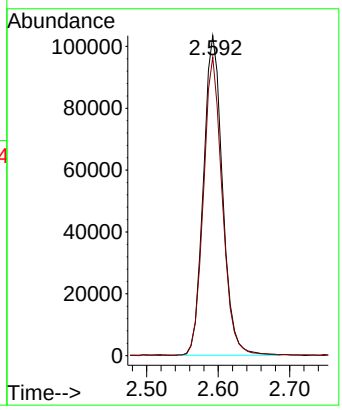




#5
Bromomethane
Concen: 46.385 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 94 Resp: 19153(

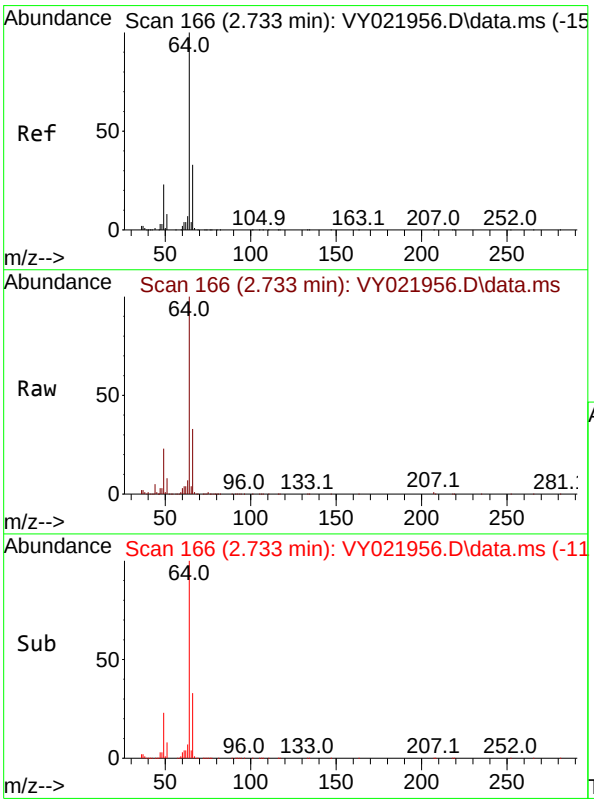
Ion	Ratio	Lower	Upper
94	100		
96	93.2	74.6	111.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

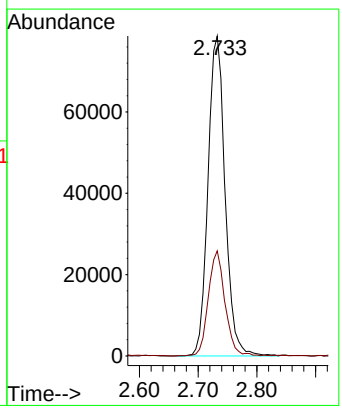
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

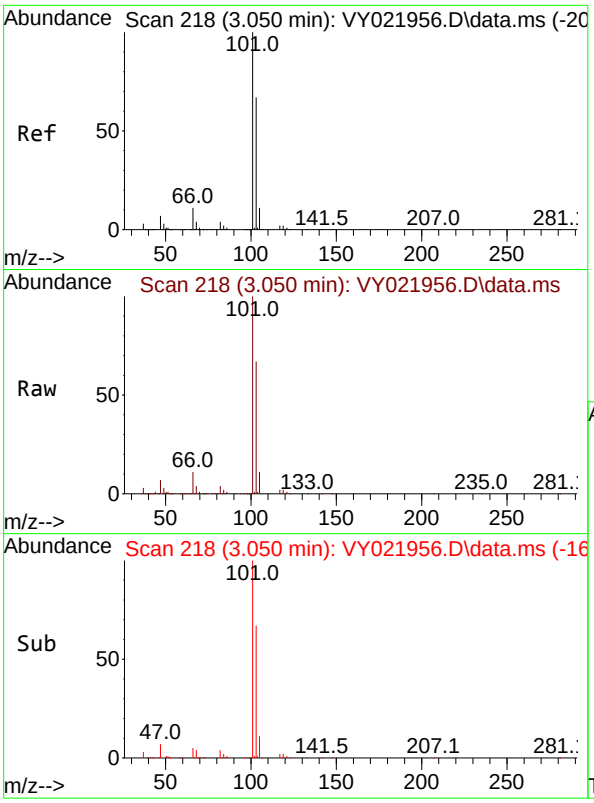


#6
Chloroethane
Concen: 48.677 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 64 Resp: 158887

Ion	Ratio	Lower	Upper
64	100		
66	32.8	26.2	39.4





#7
Trichlorofluoromethane
Concen: 48.817 ug/l
RT: 3.050 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

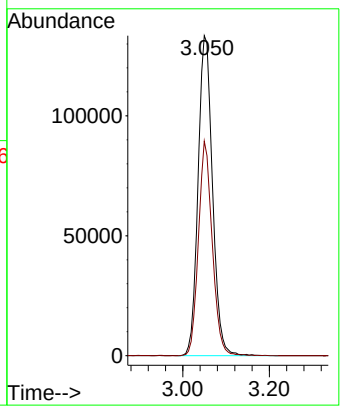
Tgt Ion:101 Resp: 30852

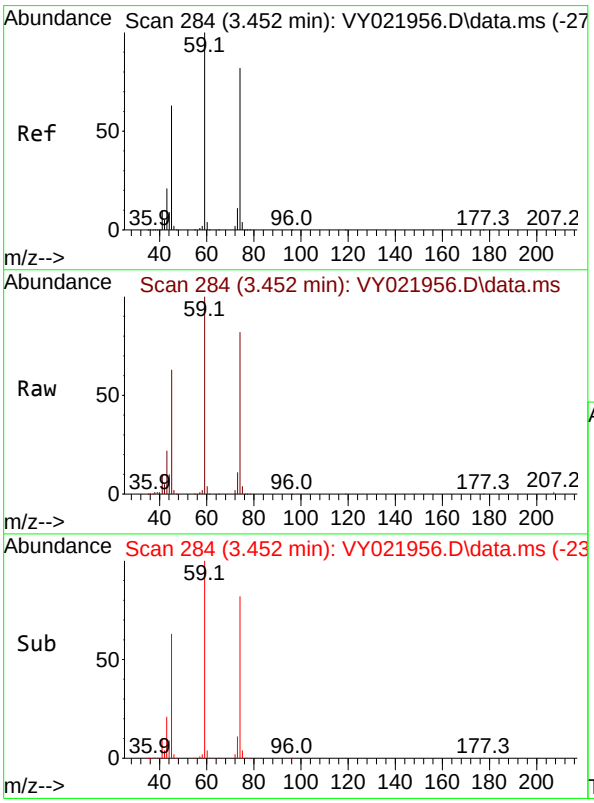
Ion	Ratio	Lower	Upper
101	100		
103	67.0	53.6	80.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

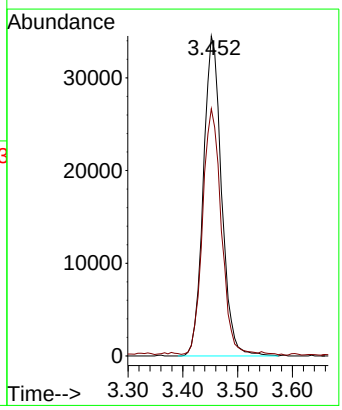


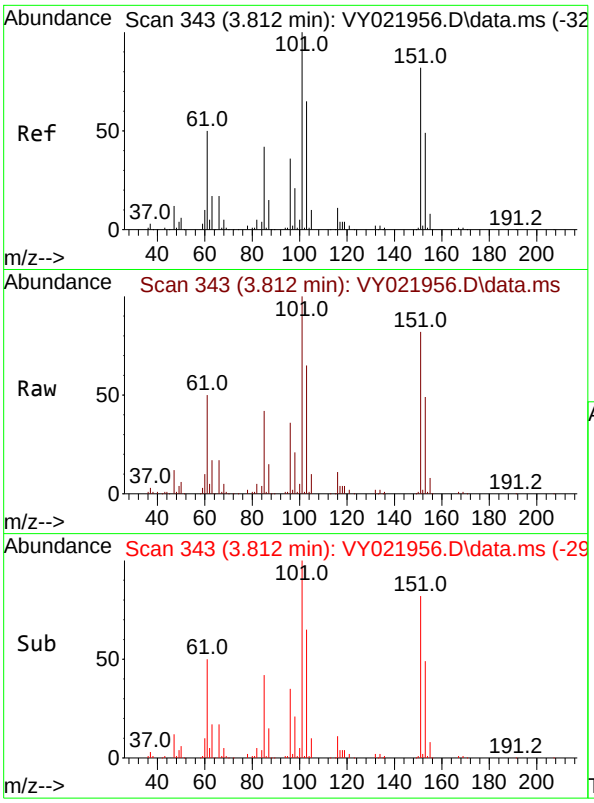


#8
Diethyl Ether
Concen: 48.337 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 74 Resp: 79512

Ion	Ratio	Lower	Upper
74	100		
45	78.3	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.881 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

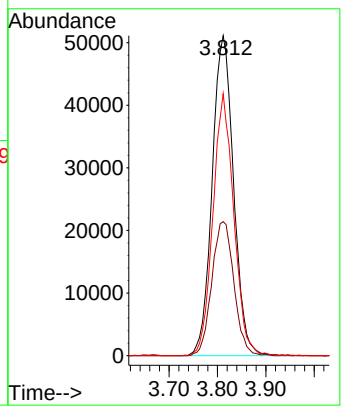
Tgt Ion:101 Resp: 15729

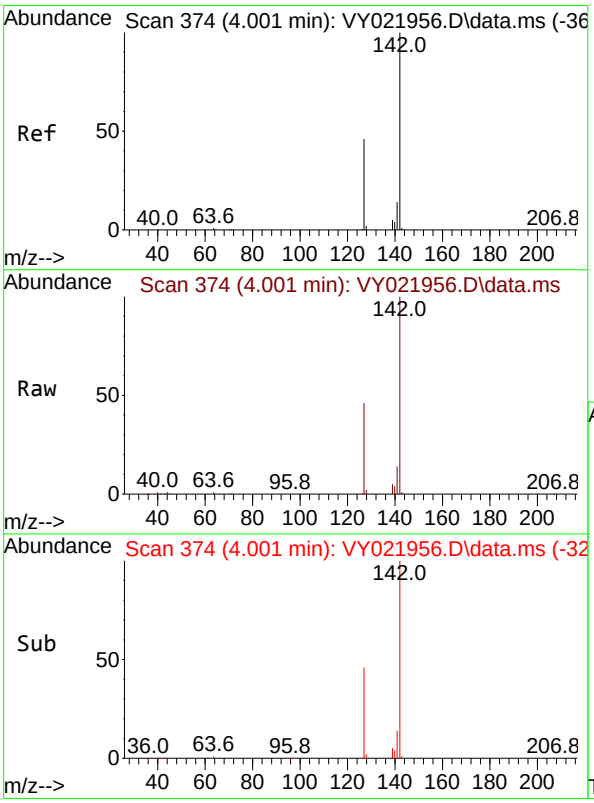
Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.6	51.8
151	79.6	63.7	95.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

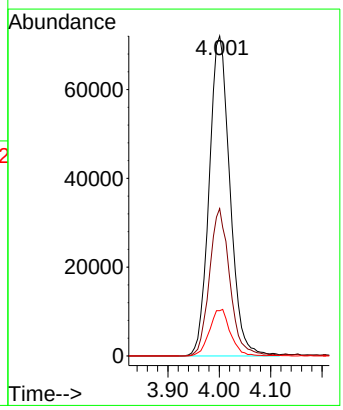


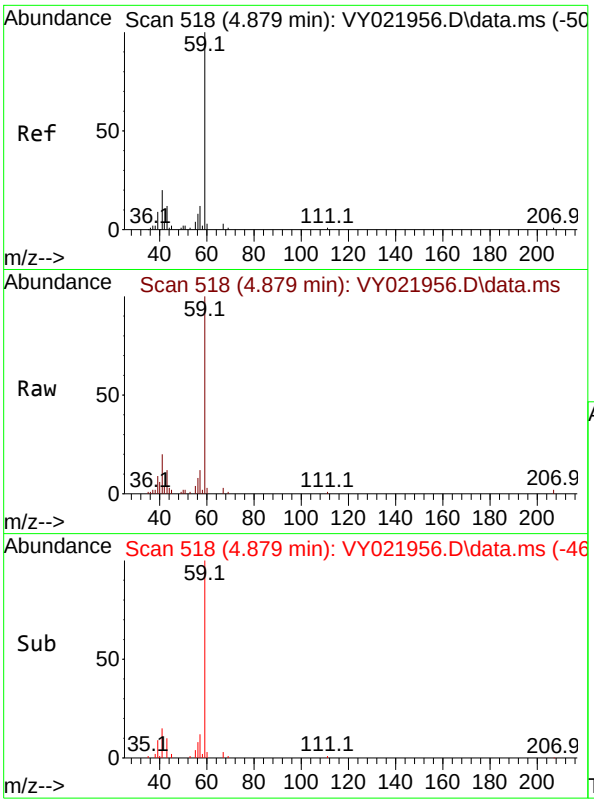


#10
Methyl Iodide
Concen: 50.959 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:142 Resp: 202276

Ion	Ratio	Lower	Upper
142	100		
127	45.2	36.2	54.2
141	14.6	11.7	17.5

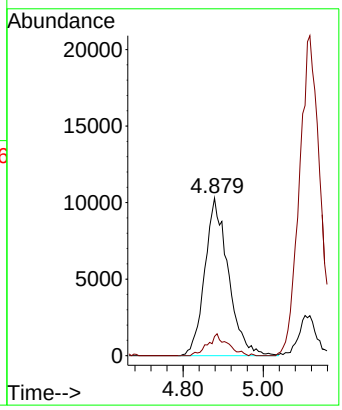




#11
Tert butyl alcohol
Concen: 257.462 ug/l
RT: 4.879 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 59 Resp: 4196

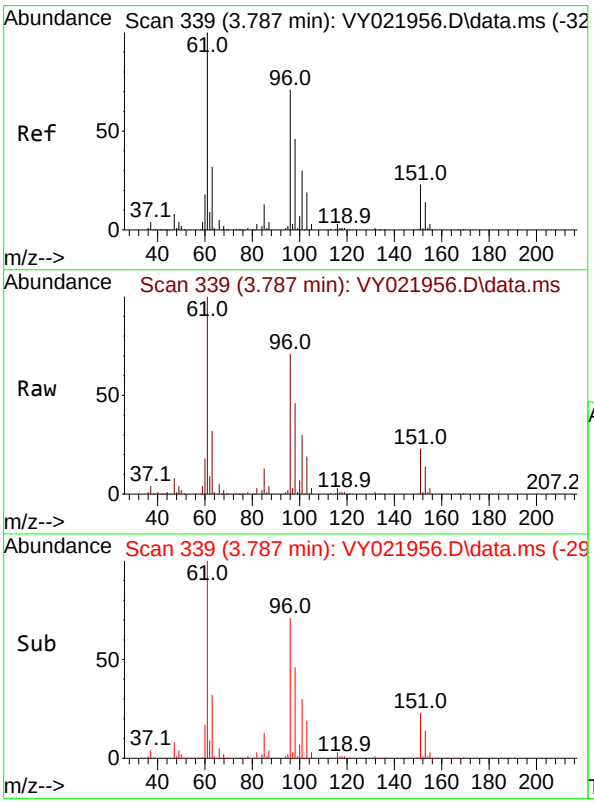
Ion	Ratio	Lower	Upper
59	100		
57	11.6	9.3	13.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

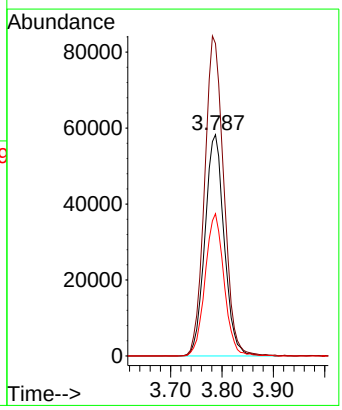
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

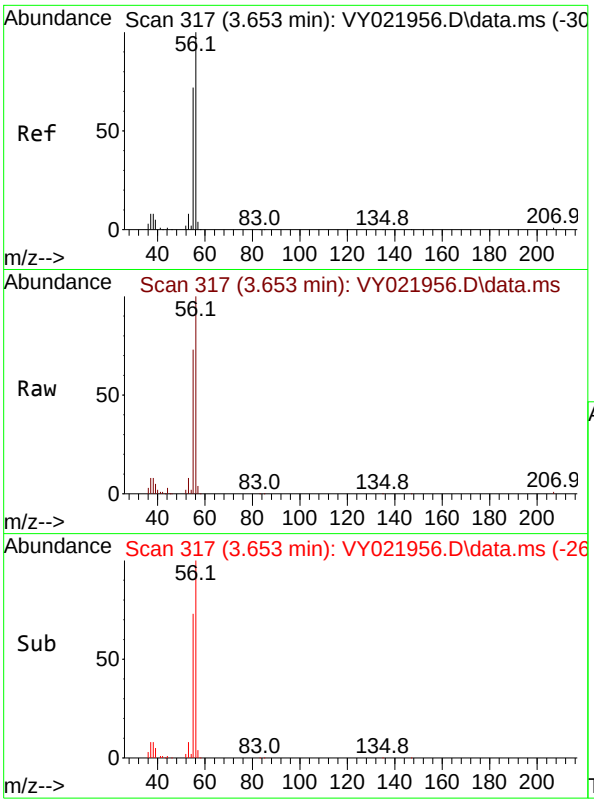


#12
1,1-Dichloroethene
Concen: 47.419 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 96 Resp: 151531

Ion	Ratio	Lower	Upper
96	100		
61	141.2	113.0	169.4
98	64.3	51.4	77.2

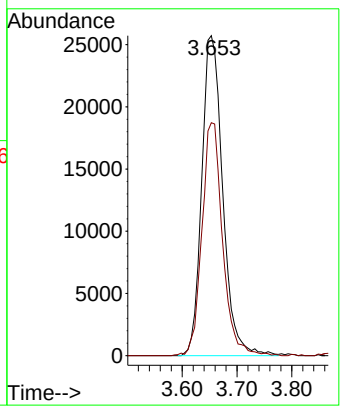




#13
Acrolein
Concen: 233.366 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 56 Resp: 6827

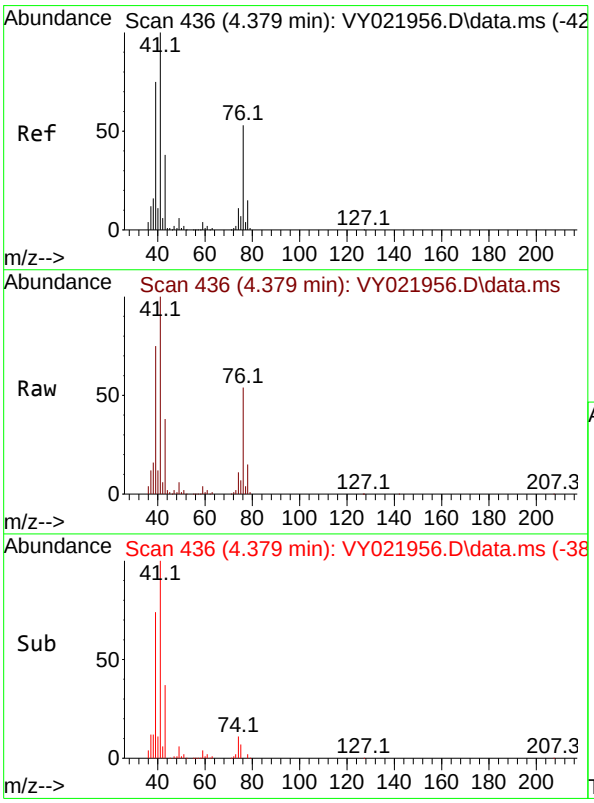
Ion	Ratio	Lower	Upper
56	100		
55	71.7	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

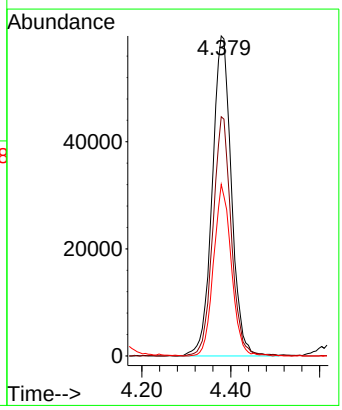
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

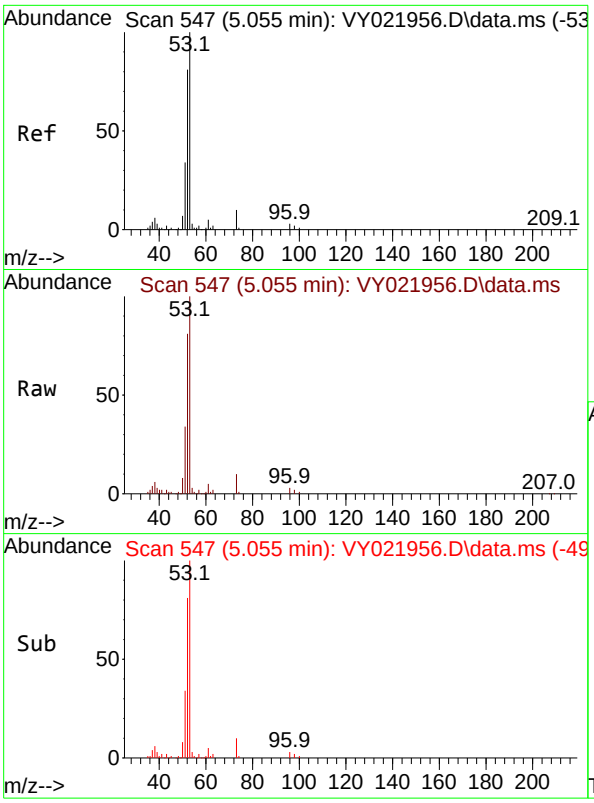


#14
Allyl chloride
Concen: 47.988 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 41 Resp: 178559

Ion	Ratio	Lower	Upper
41	100		
39	71.5	57.2	85.8
76	49.6	39.7	59.5

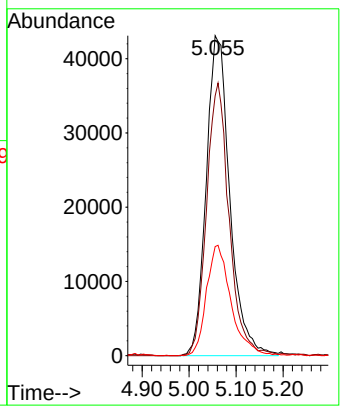




#15
Acrylonitrile
Concen: 249.387 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 53 Resp: 15018

Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.0	97.6
51	36.1	28.9	43.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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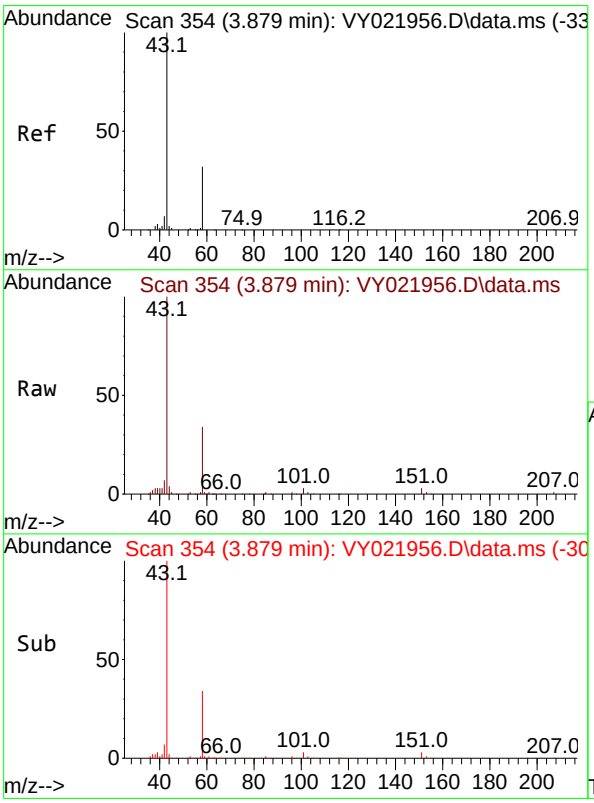
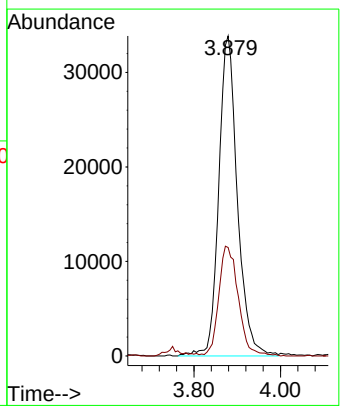
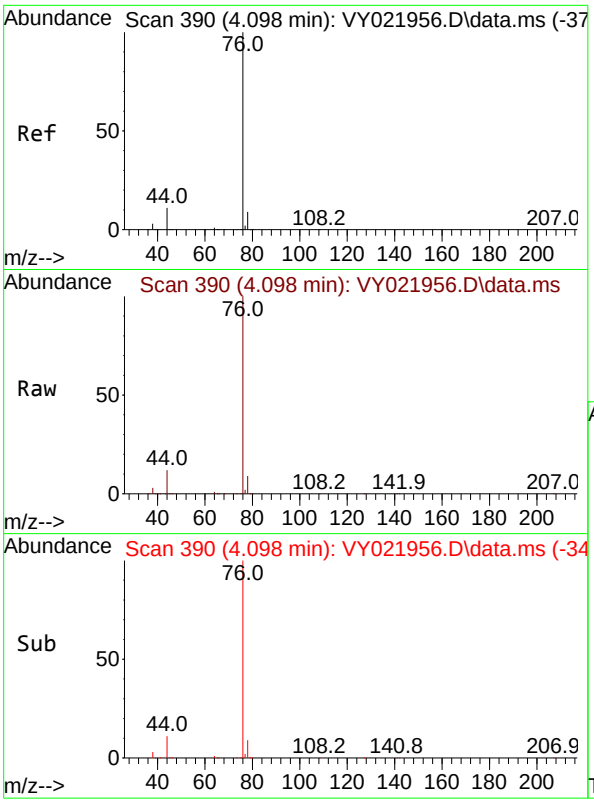


#16
Acetone
Concen: 261.973 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 101417

Ion	Ratio	Lower	Upper
43	100		
58	33.7	27.0	40.4





#17
Carbon Disulfide
Concen: 47.094 ug/l
RT: 4.098 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 76 Resp: 47984

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.6	11.4

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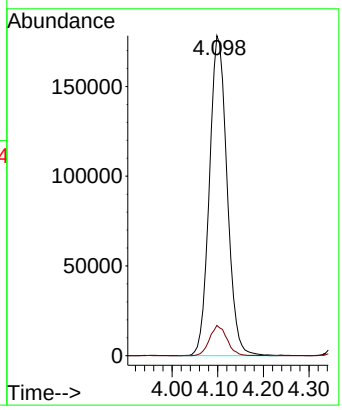
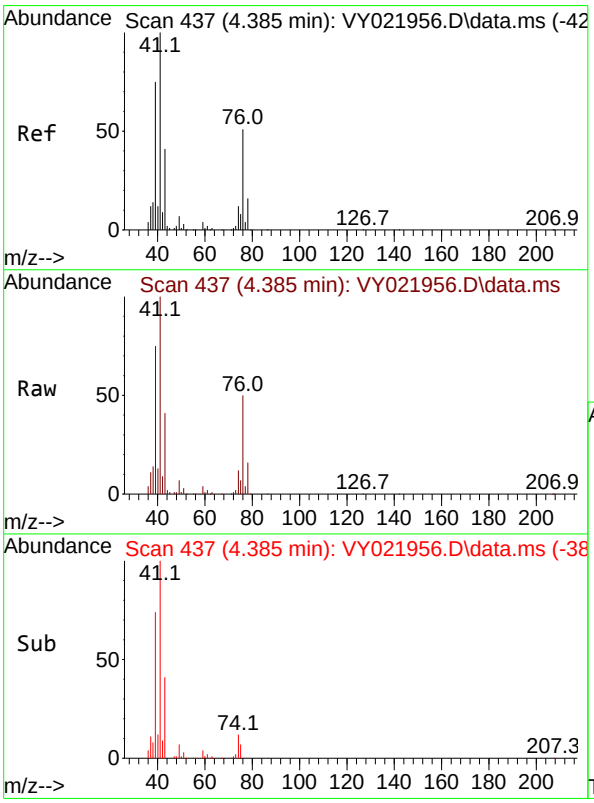
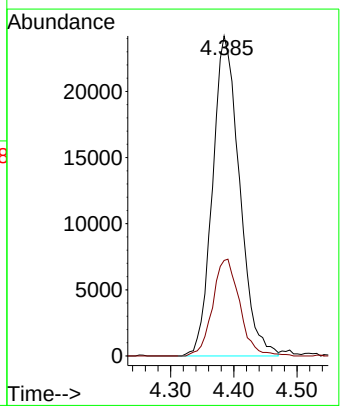


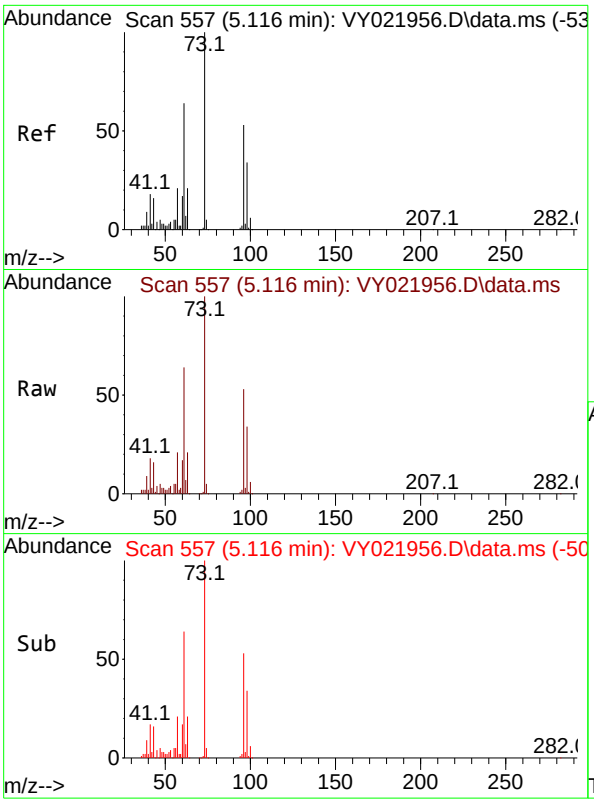


#18
Methyl Acetate
Concen: 51.735 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 71756

Ion	Ratio	Lower	Upper
43	100		
74	30.3	24.2	36.4

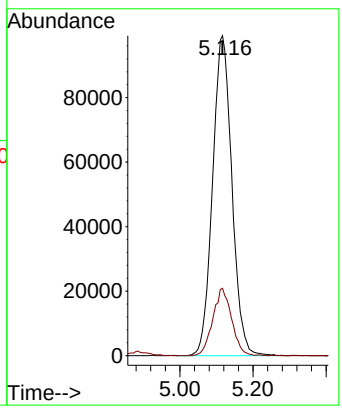




#19
Methyl tert-butyl Ether
Concen: 50.907 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 73 Resp: 36410

Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.9	25.3



Instrument :
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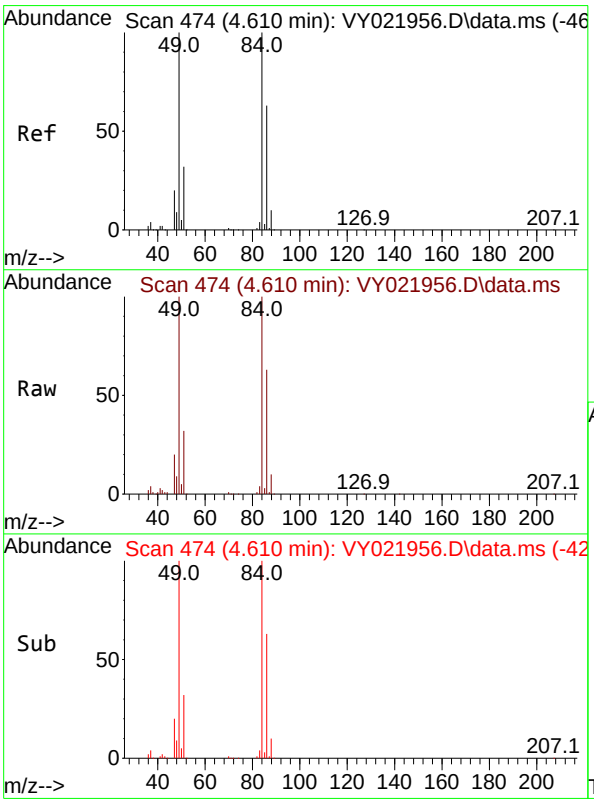
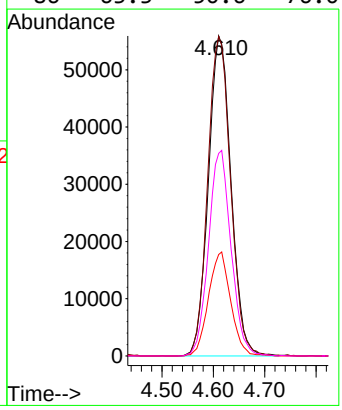
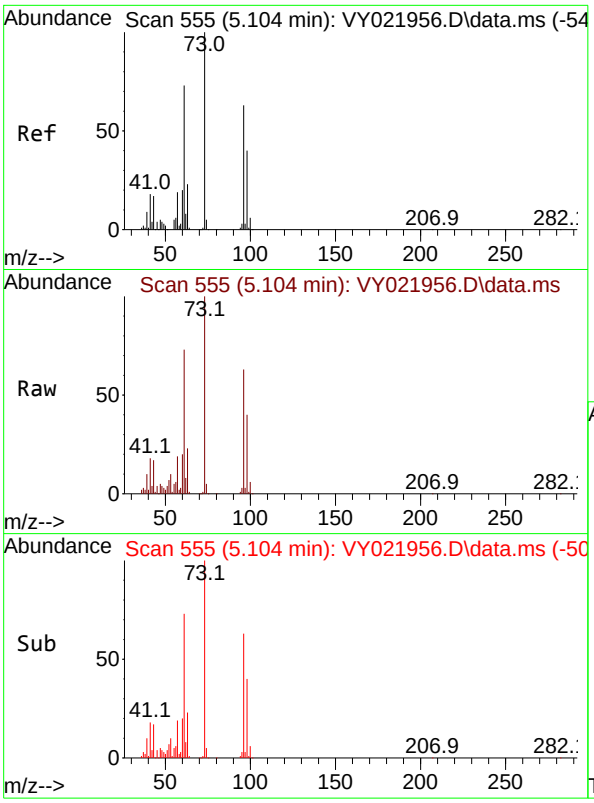


#20
Methylene Chloride
Concen: 45.671 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 84 Resp: 171472

Ion	Ratio	Lower	Upper
84	100		
49	99.9	79.9	119.9
51	31.7	25.4	38.0
86	63.3	50.6	76.0

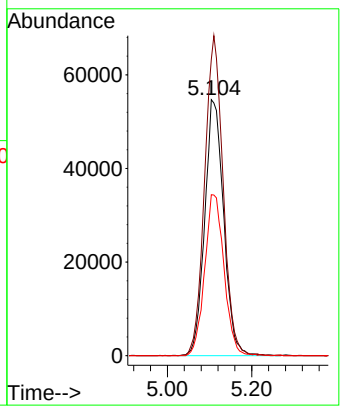




#21
trans-1,2-Dichloroethene
Concen: 47.796 ug/l
RT: 5.104 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 96 Resp: 17105

Ion	Ratio	Lower	Upper
96	100		
61	115.7	92.6	138.8
98	62.8	50.2	75.4



Instrument :
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ClientSampleId :
VSTDICCC050

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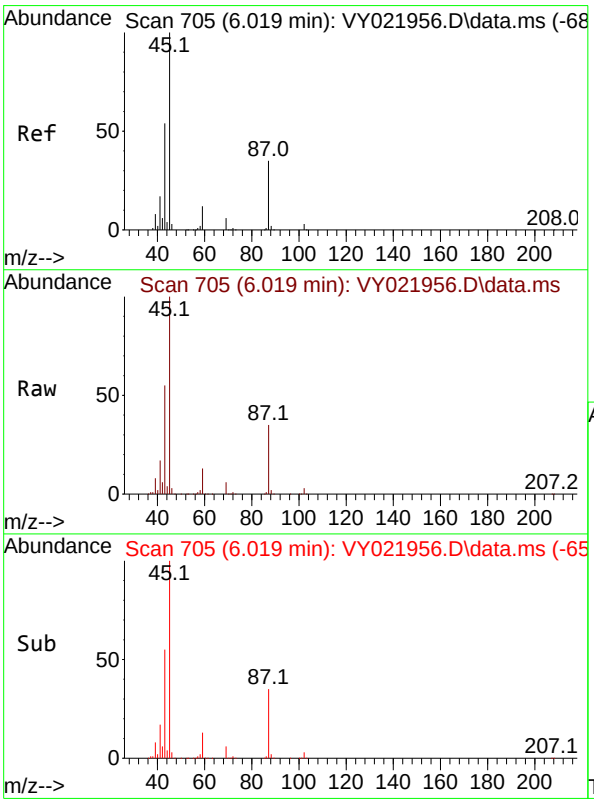
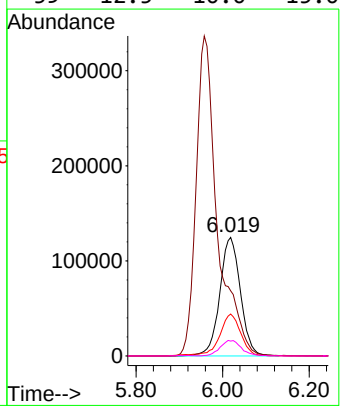
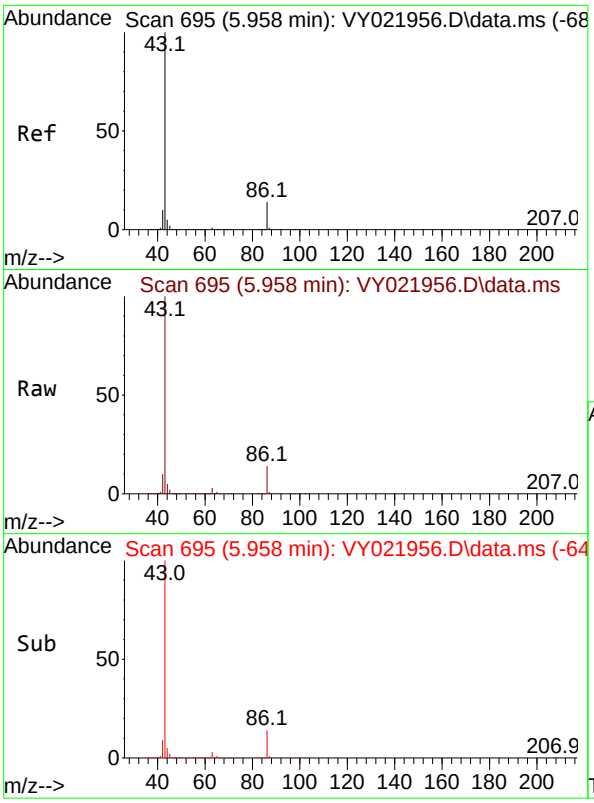


#22
Diisopropyl ether
Concen: 50.096 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 45 Resp: 414816

Ion	Ratio	Lower	Upper
45	100		
43	54.5	43.6	65.4
87	35.3	28.2	42.4
59	12.5	10.0	15.0





#23
Vinyl Acetate
Concen: 257.942 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 115110

Ion	Ratio	Lower	Upper
43	100		
86	13.9	11.1	16.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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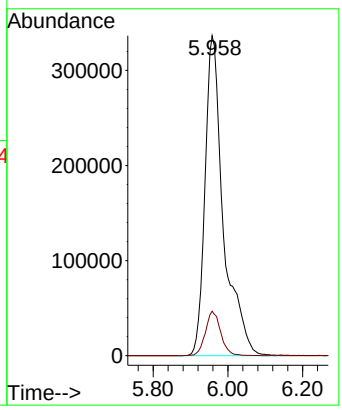
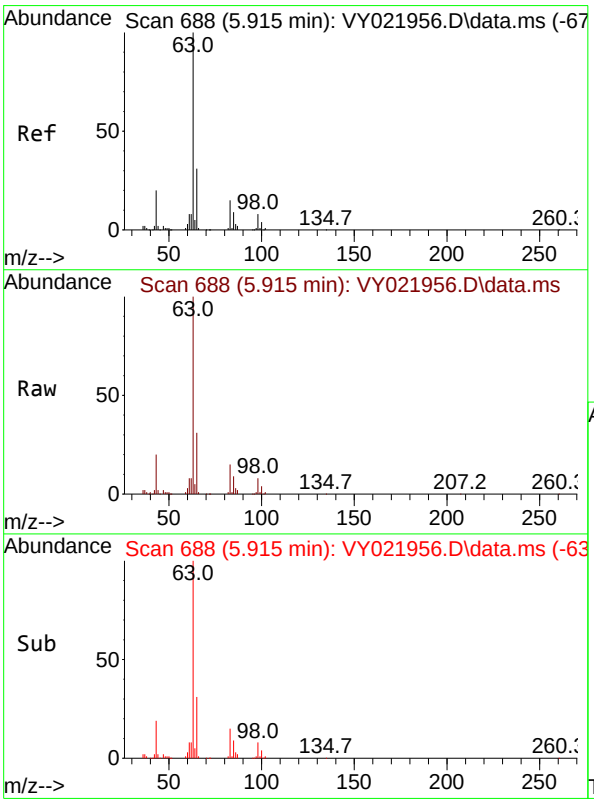
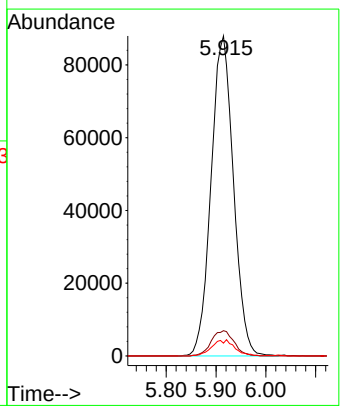


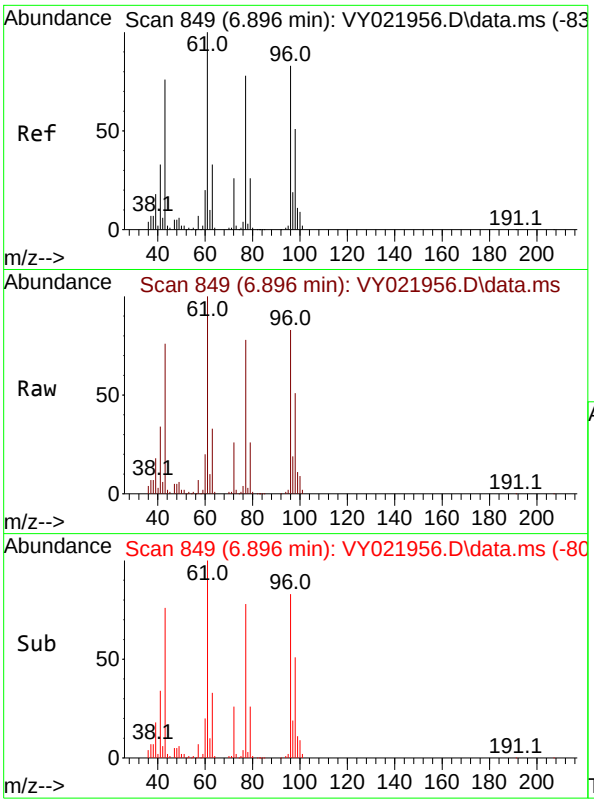


#24
1,1-Dichloroethane
Concen: 47.762 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 63 Resp: 274136

Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	4.0	2.0	6.0





#25
2-Butanone
Concen: 250.772 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 16972

Ion	Ratio	Lower	Upper
43	100		
72	33.7	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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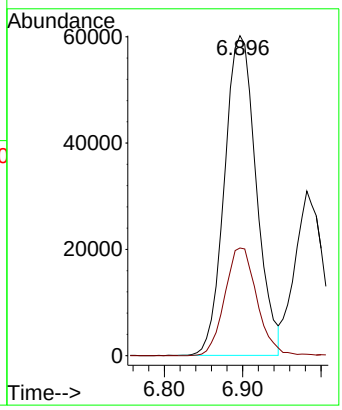
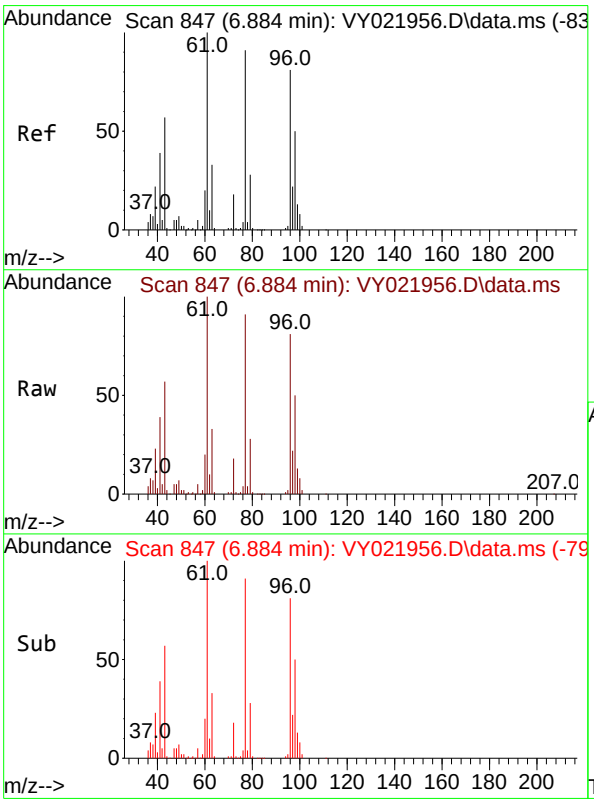
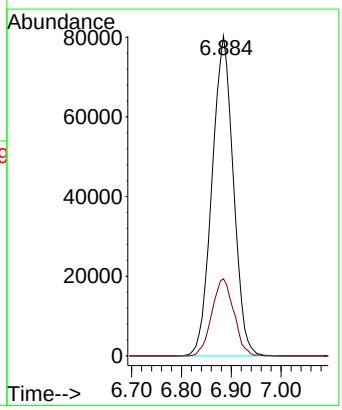


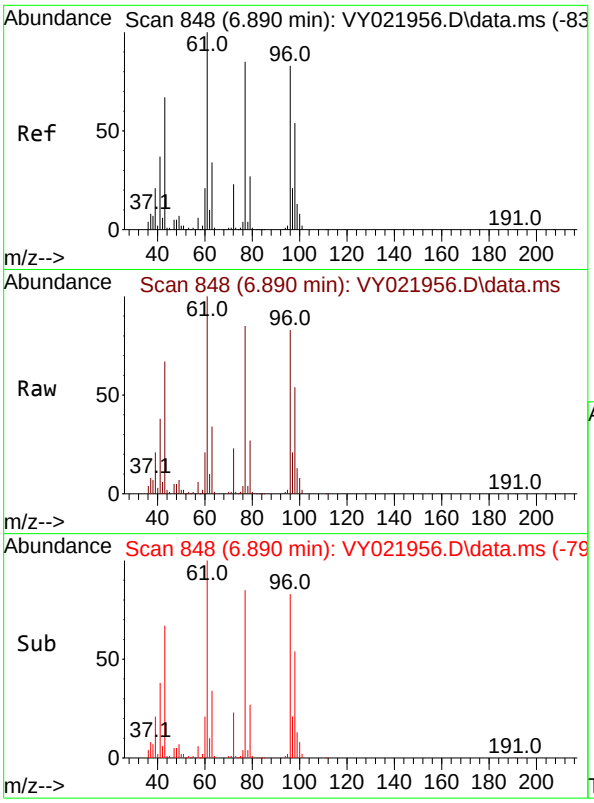


#26
2,2-Dichloropropane
Concen: 47.472 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 77 Resp: 238816

Ion	Ratio	Lower	Upper
77	100		
97	24.9	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 49.157 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 96 Resp: 19671

Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	251.4
98	64.2	0.0	128.4

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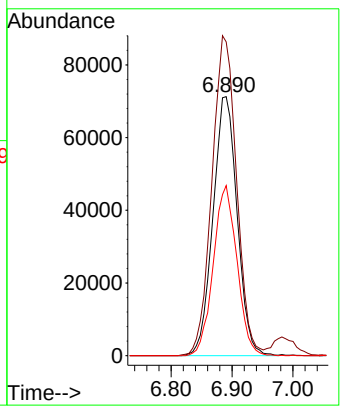
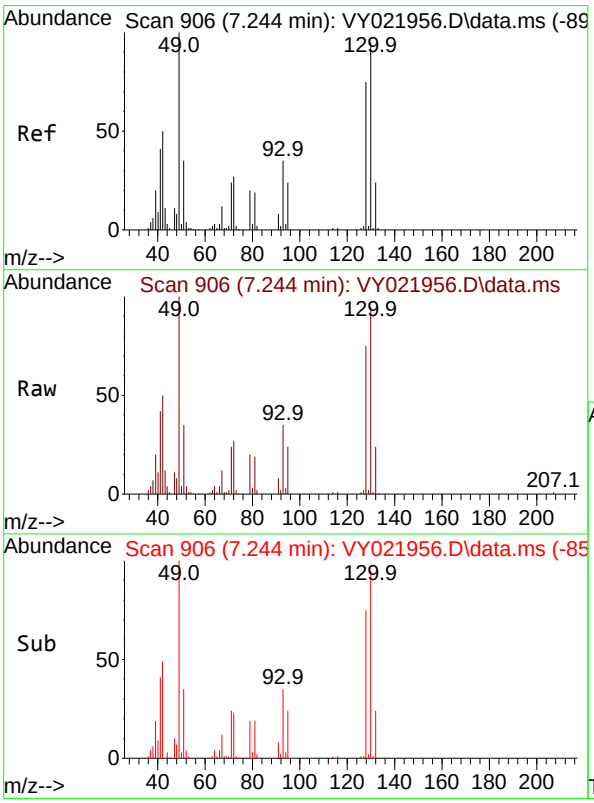
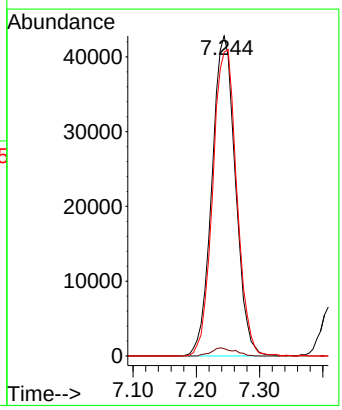


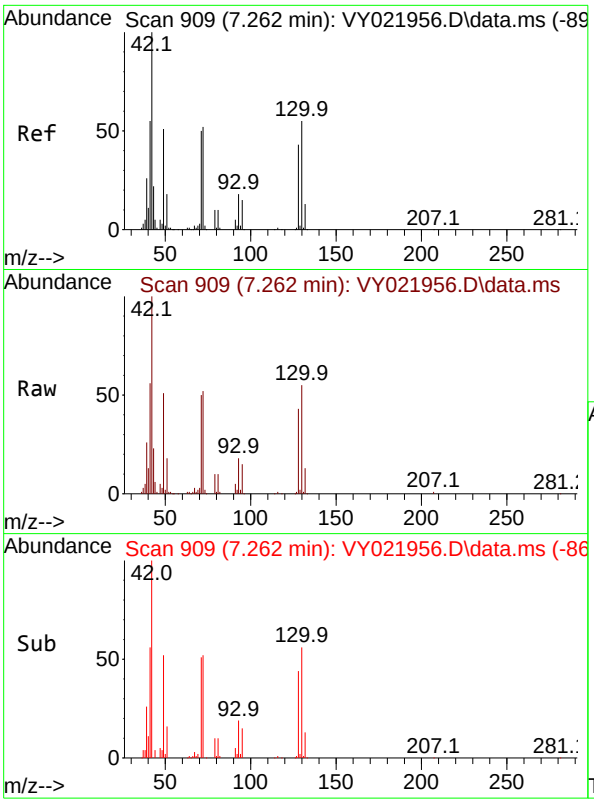


#28
Bromochloromethane
Concen: 49.520 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 49 Resp: 110399

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	97.8	78.2	117.4





#29
Tetrahydrofuran
Concen: 266.870 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 42 Resp: 11731

Ion	Ratio	Lower	Upper
42	100		
72	53.2	42.6	63.8
71	50.8	40.6	61.0

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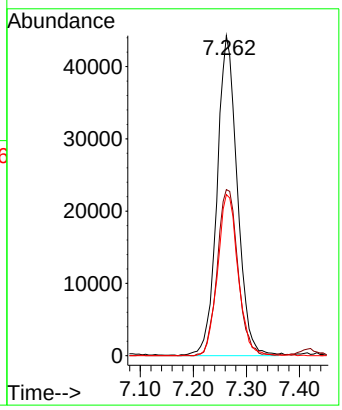
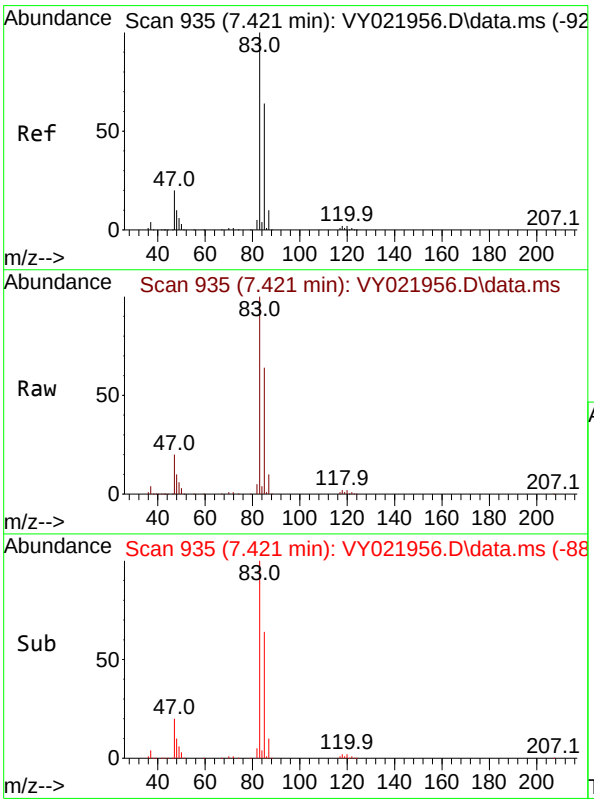
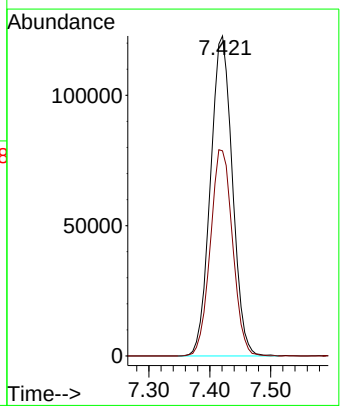


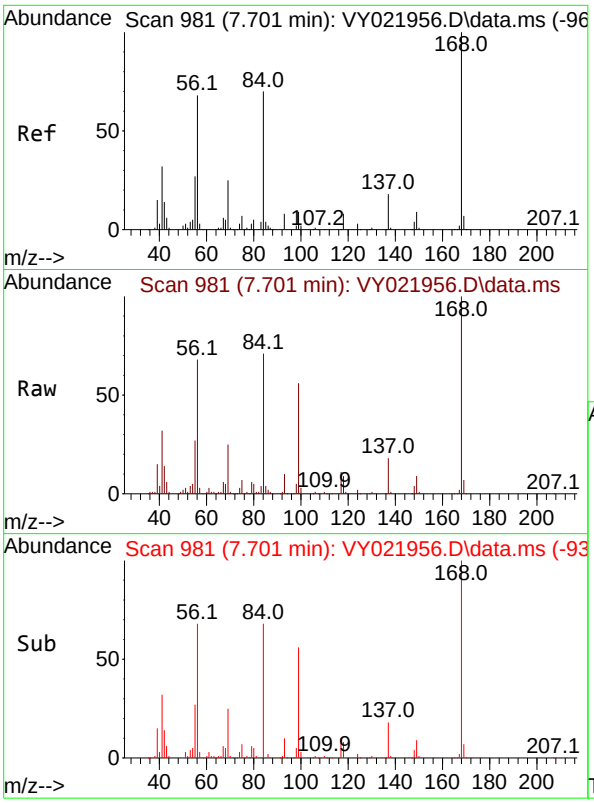


#30
Chloroform
Concen: 48.259 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 83 Resp: 307243

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9

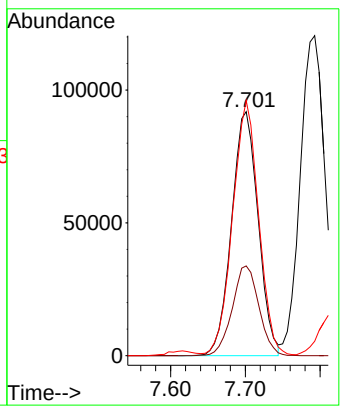




#31
Cyclohexane
Concen: 46.398 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 56 Resp: 22773

Ion	Ratio	Lower	Upper
56	100		
69	36.8	29.4	44.2
84	102.8	82.2	123.4



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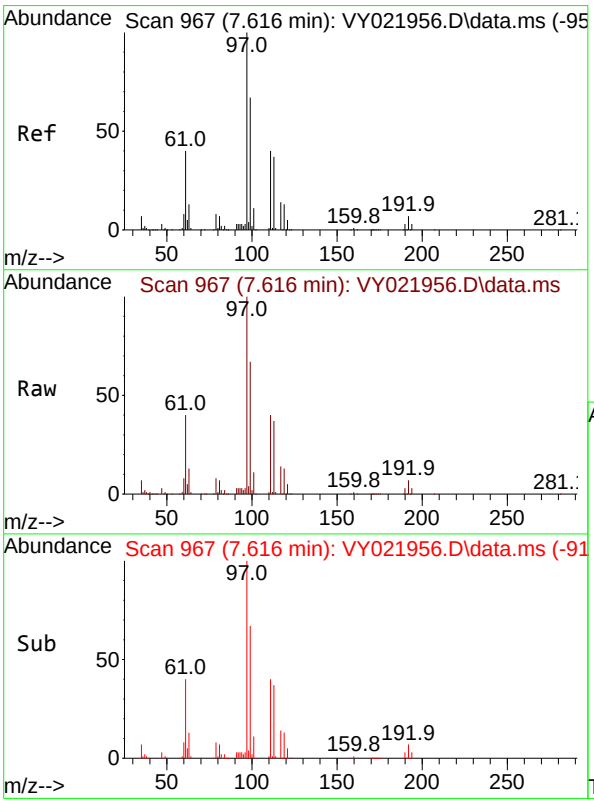
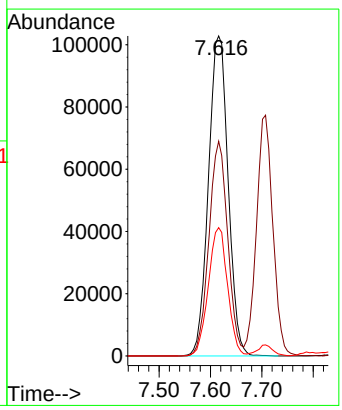
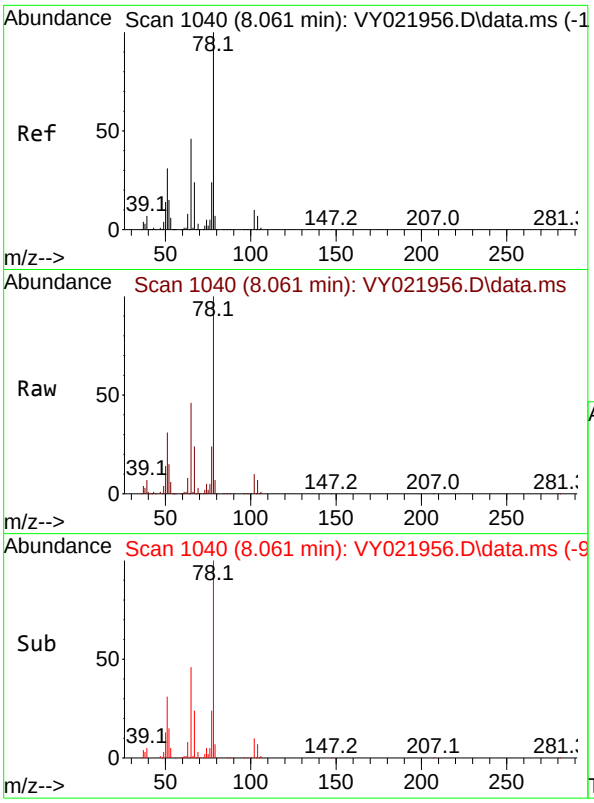


#32
1,1,1-Trichloroethane
Concen: 47.581 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 97 Resp: 274062

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	39.3	31.4	47.2

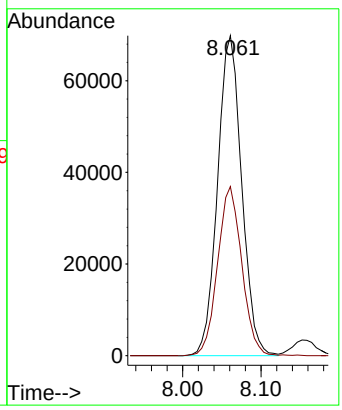




#33
1,2-Dichloroethane-d4
Concen: 50.416 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 65 Resp: 14969

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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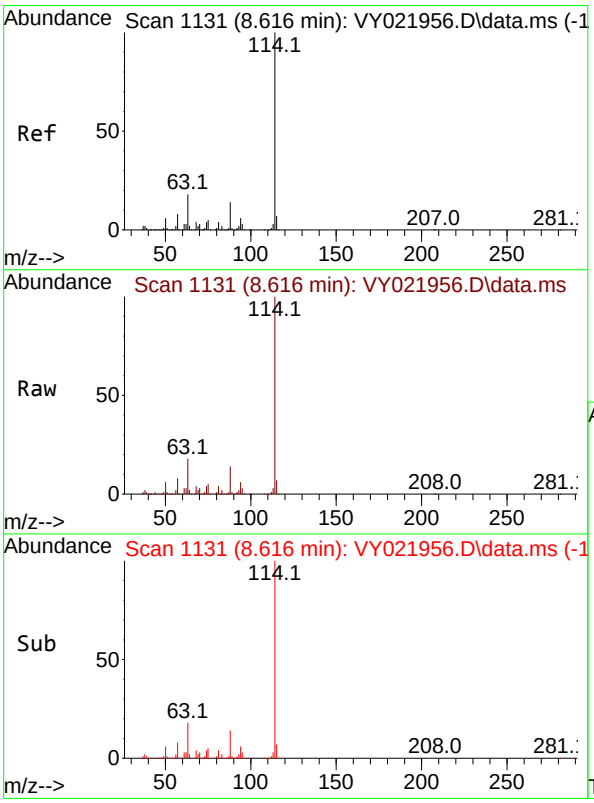
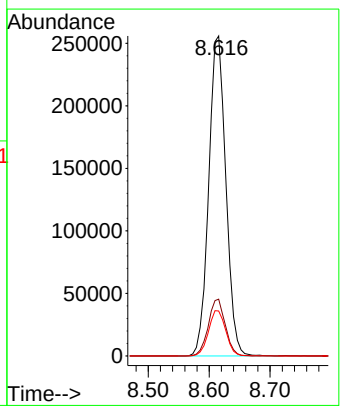
Supervised By :Mahesh Dadoda 04/23/2025

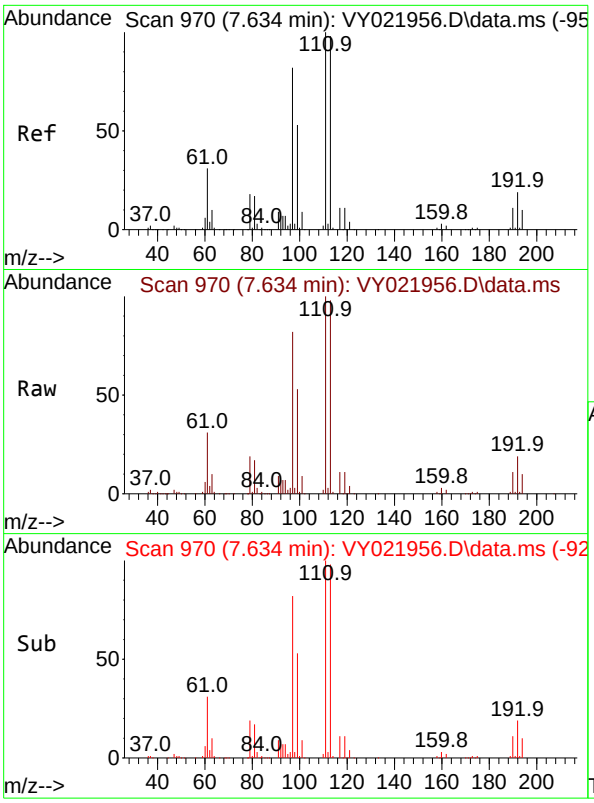


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:114 Resp: 499724

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.4
88	14.1	0.0	28.2

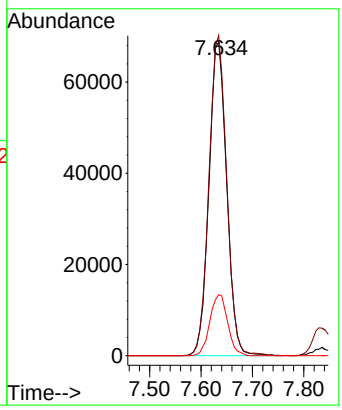




#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:113 Resp: 16486

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	19.5	15.6	23.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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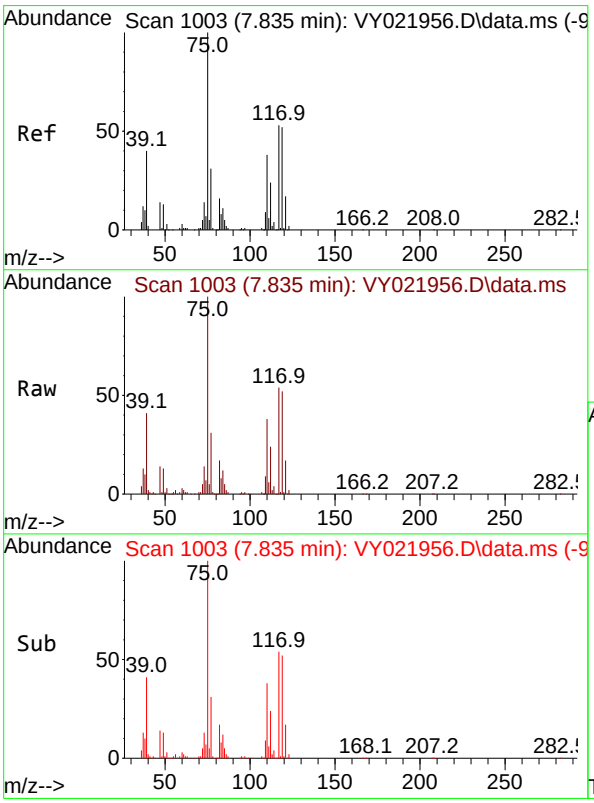
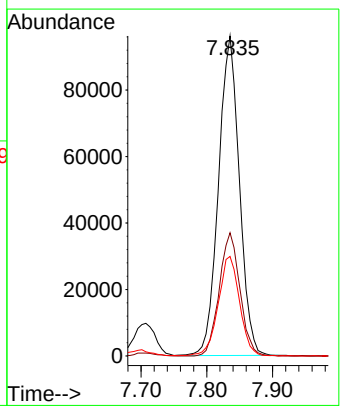
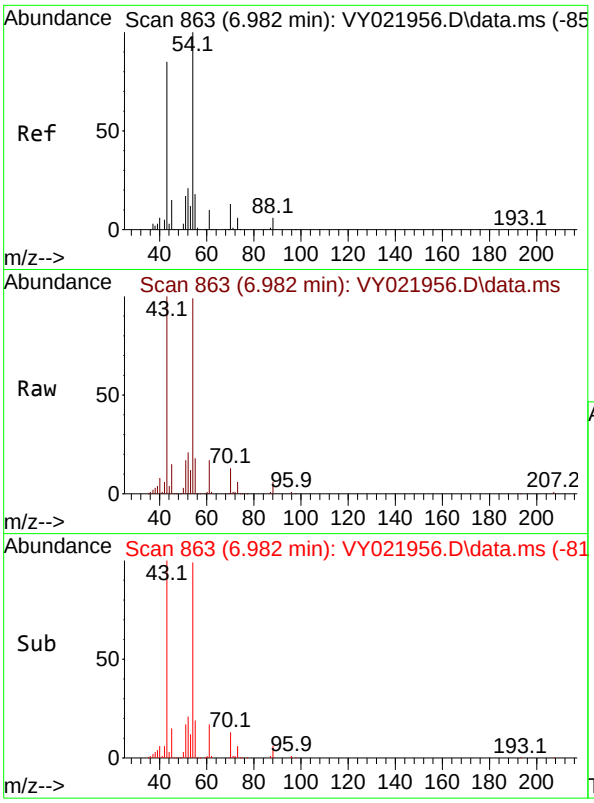


#36
1,1-Dichloropropene
Concen: 47.923 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 212523

Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.1	57.3
77	31.9	25.5	38.3





#37
Ethyl Acetate
Concen: 51.312 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 8062

Ion	Ratio	Lower	Upper
43	100		
61	17.2	13.8	20.6
70	11.5	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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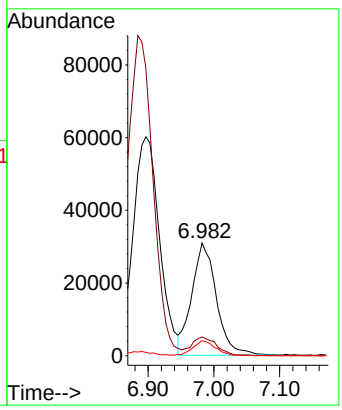
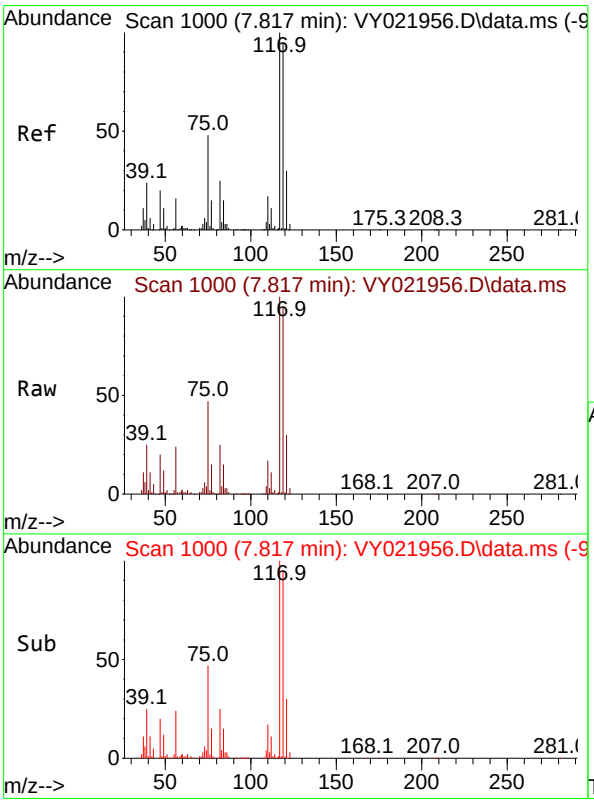
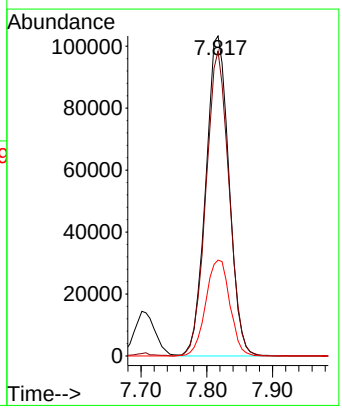


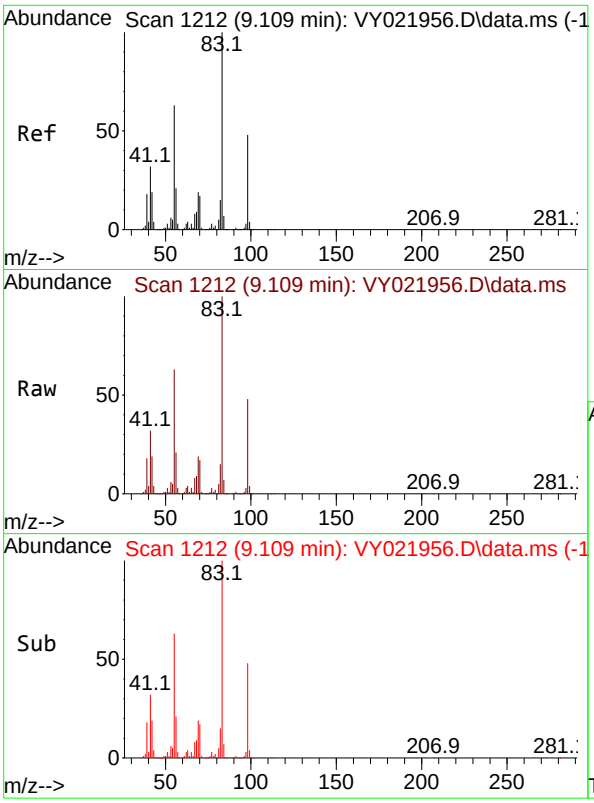


#38
Carbon Tetrachloride
Concen: 47.838 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:117 Resp: 253502

Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.2	114.4
121	30.0	24.0	36.0

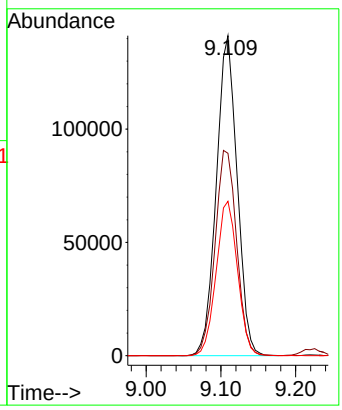




#39
Methylcyclohexane
Concen: 49.170 ug/l
RT: 9.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 83 Resp: 27440

Ion	Ratio	Lower	Upper
83	100		
55	63.2	50.6	75.8
98	48.3	38.6	58.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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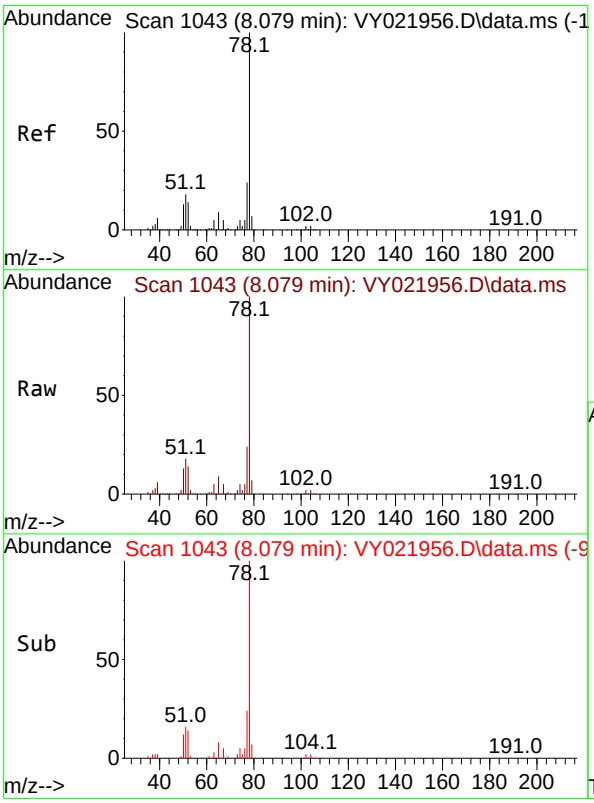
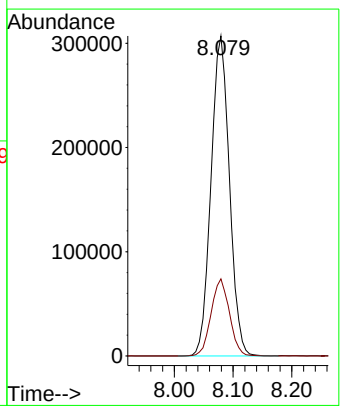
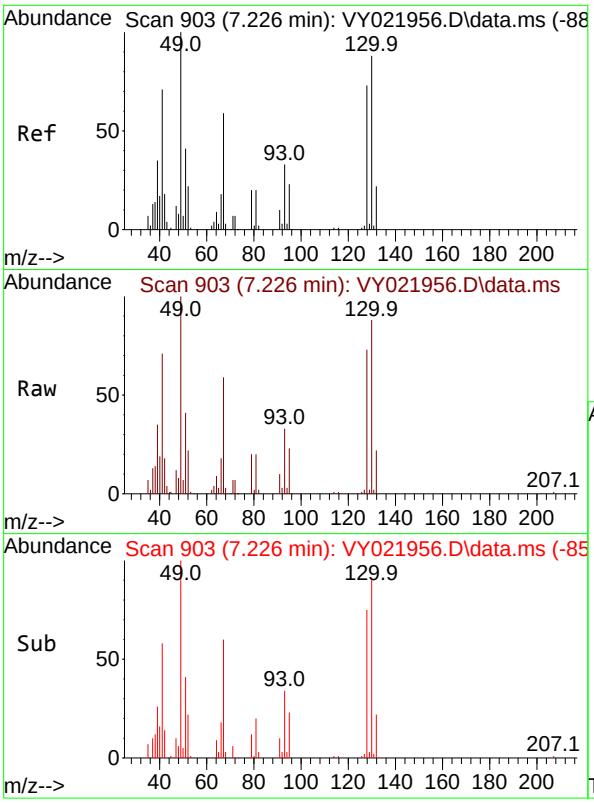


#40
Benzene
Concen: 48.179 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 78 Resp: 667899

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

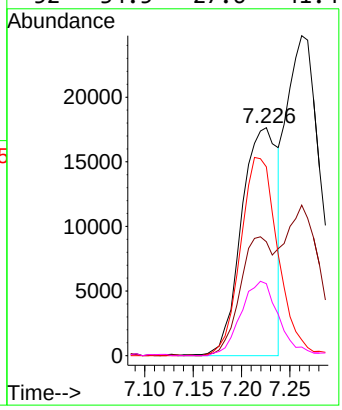




#41
Methacrylonitrile
Concen: 52.696 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 41 Resp: 4589

Ion	Ratio	Lower	Upper
41	100		
39	45.8	36.6	55.0
67	90.3	72.2	108.4
52	34.5	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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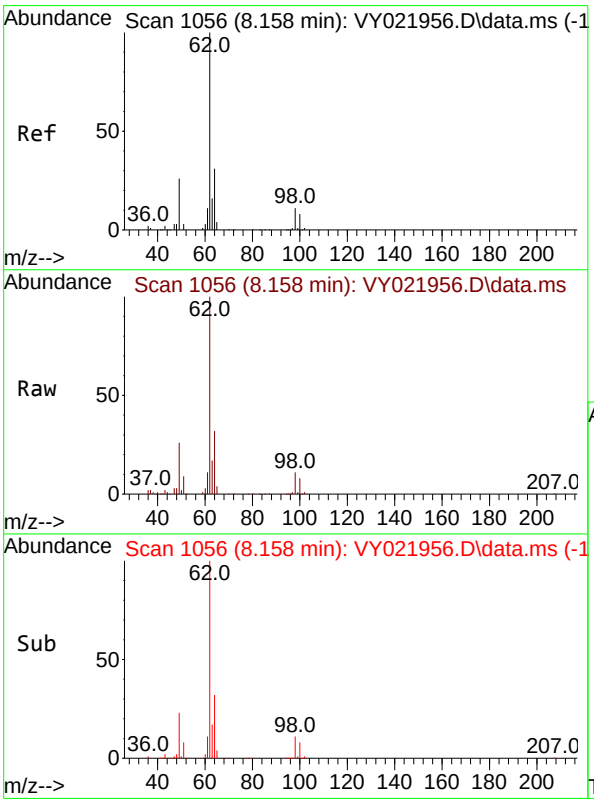
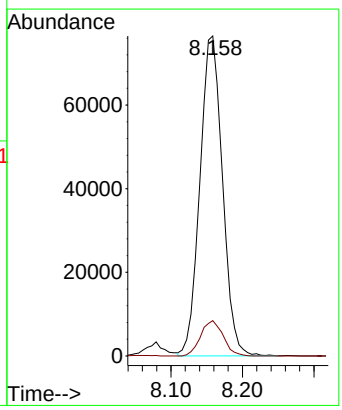
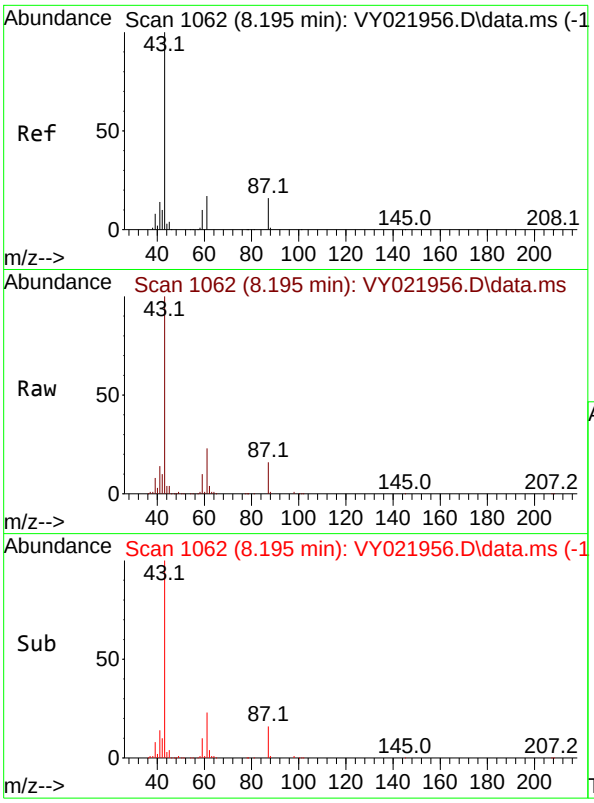


#42
1,2-Dichloroethane
Concen: 48.835 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 62 Resp: 167612

Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.0





#43
Isopropyl Acetate
Concen: 50.948 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 15583

Ion	Ratio	Lower	Upper
43	100		
61	23.6	18.9	28.3
87	17.1	13.7	20.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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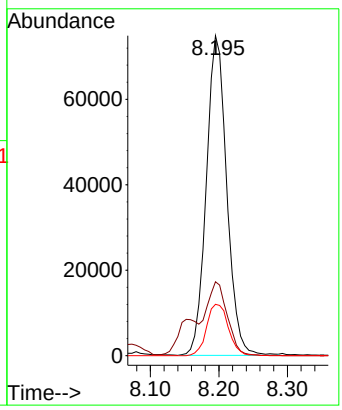
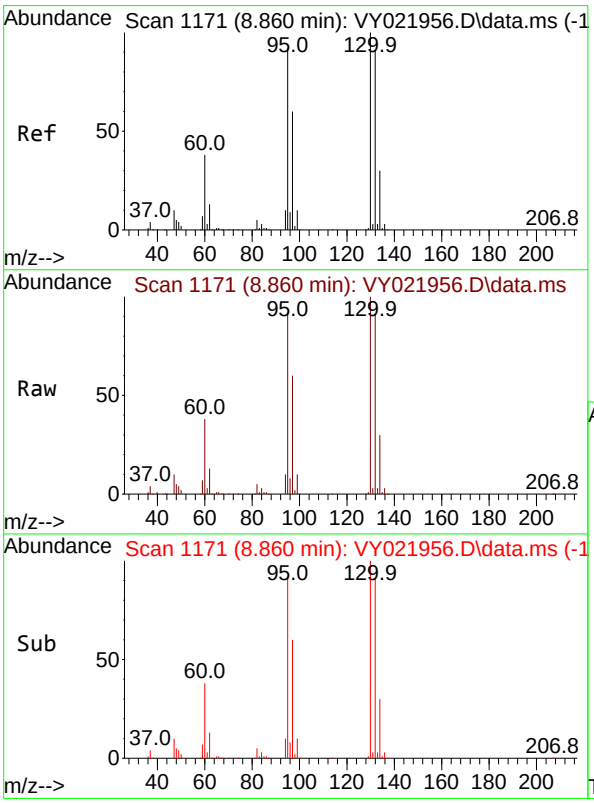
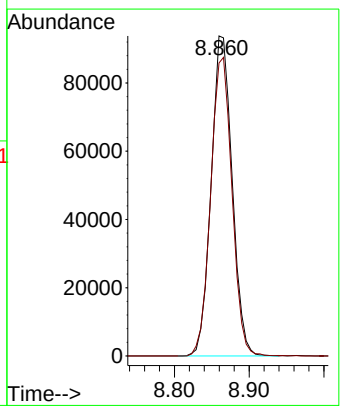


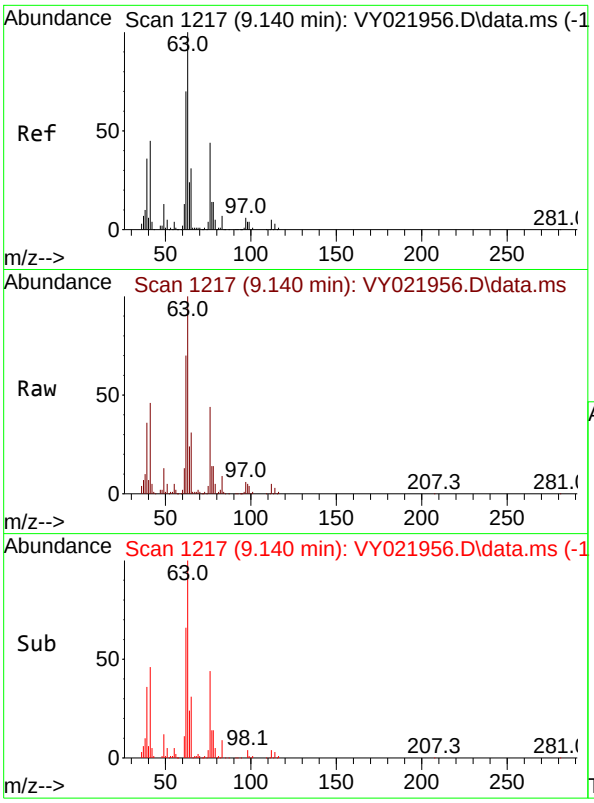


#44
Trichloroethene
Concen: 47.744 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:130 Resp: 183327

Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	183.2

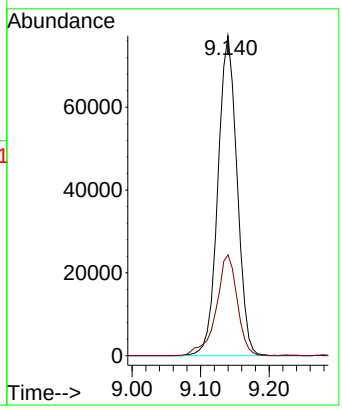




#45
1,2-Dichloropropane
Concen: 48.827 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 63 Resp: 14968

Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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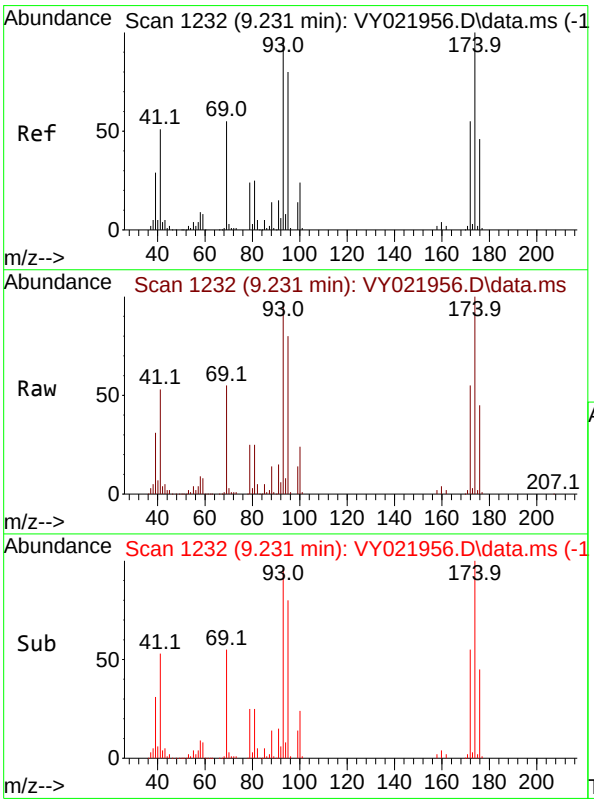
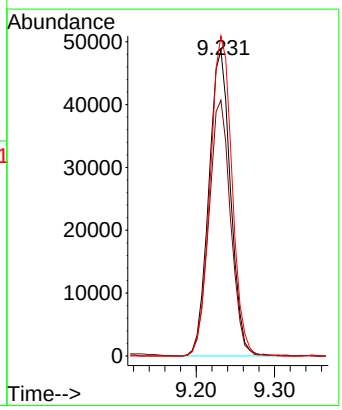
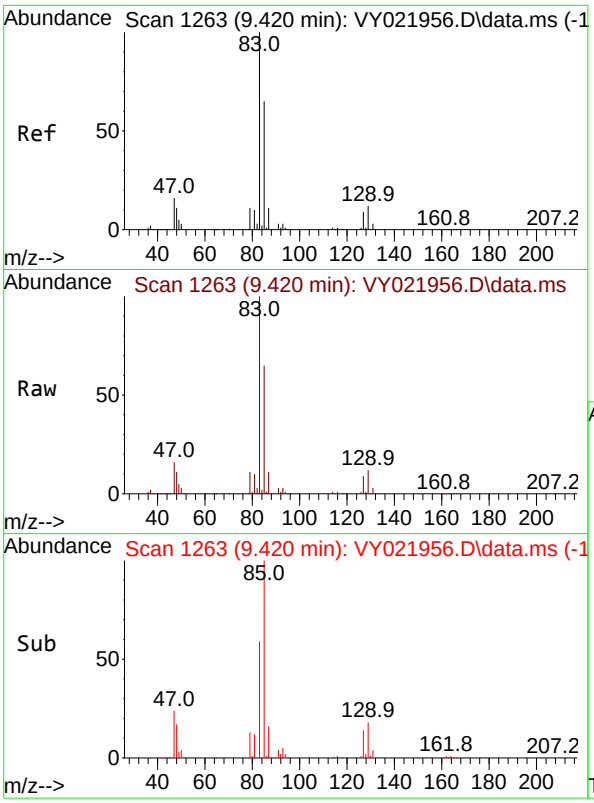


#46
Dibromomethane
Concen: 48.740 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 93 Resp: 93536

Ion	Ratio	Lower	Upper
93	100		
95	83.4	66.7	100.1
174	105.8	84.6	127.0

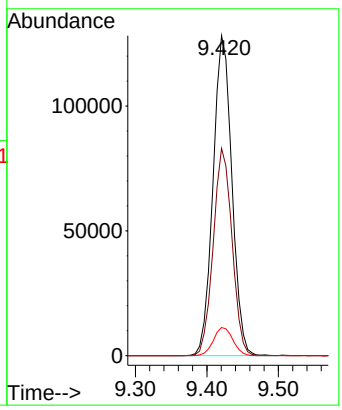




#47
Bromodichloromethane
Concen: 49.010 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 83 Resp: 23496

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8
127	8.8	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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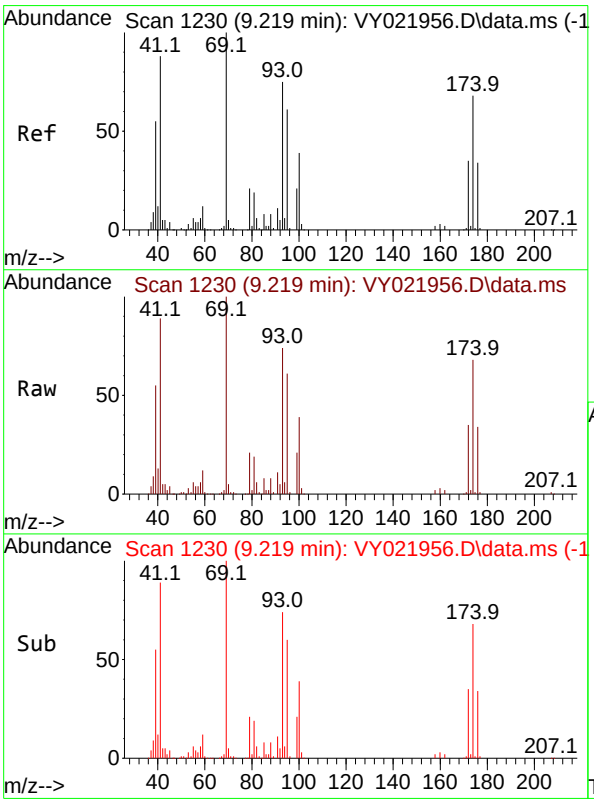
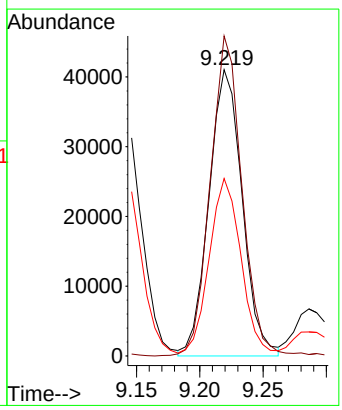
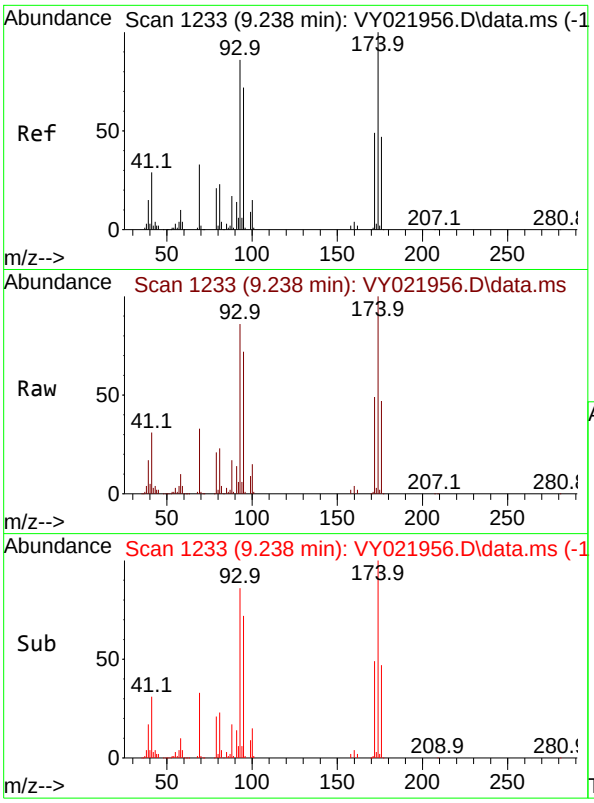


#48
Methyl methacrylate
Concen: 53.082 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 41 Resp: 75057

Ion	Ratio	Lower	Upper
41	100		
69	106.9	85.5	128.3
39	57.8	46.2	69.4

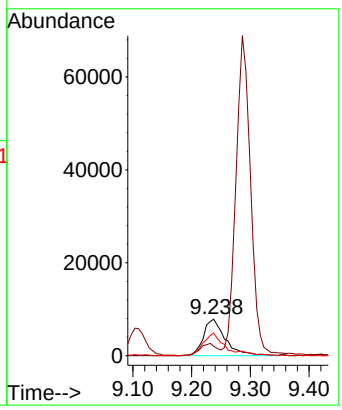




#49
1,4-Dioxane
Concen: 992.601 ug/l
RT: 9.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 88 Resp: 2030

Ion	Ratio	Lower	Upper
88	100		
43	26.6	21.3	31.9
58	63.1	50.5	75.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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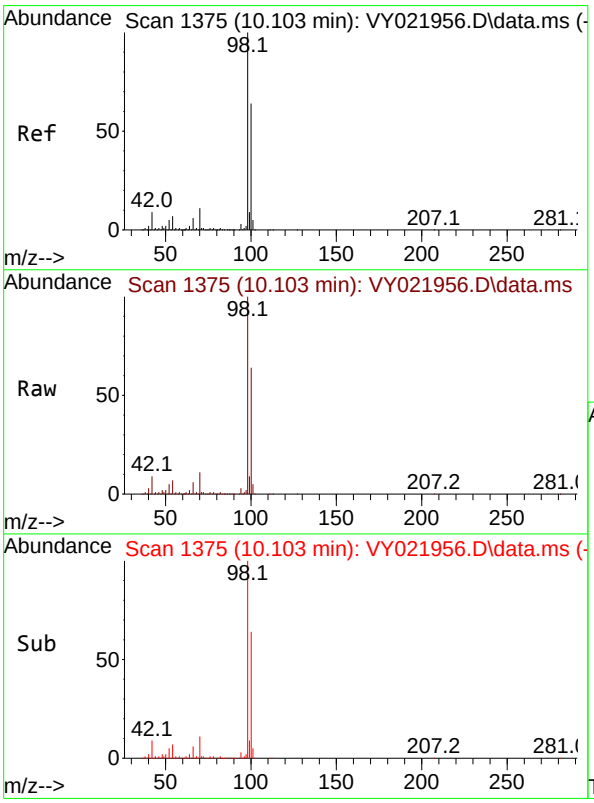
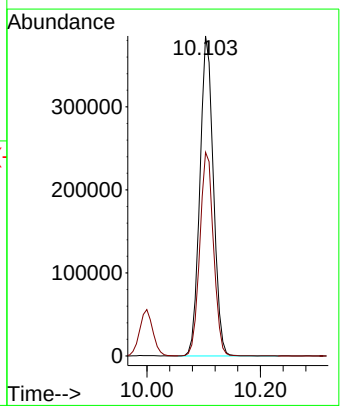
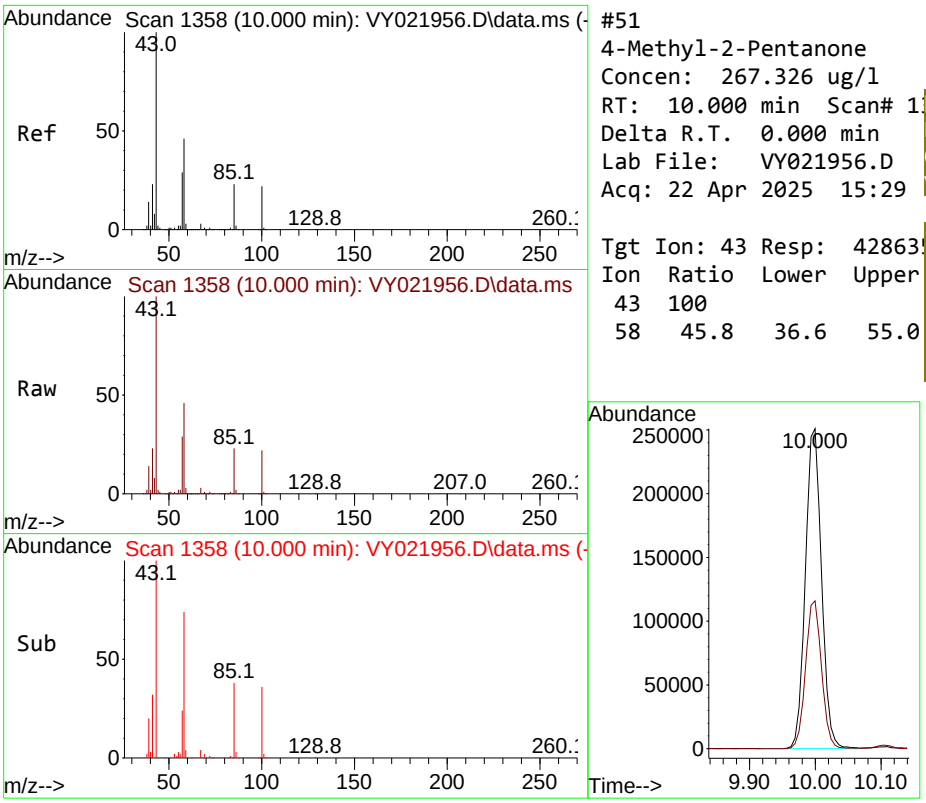


#50
Toluene-d8
Concen: 51.241 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 98 Resp: 637767

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 267.326 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

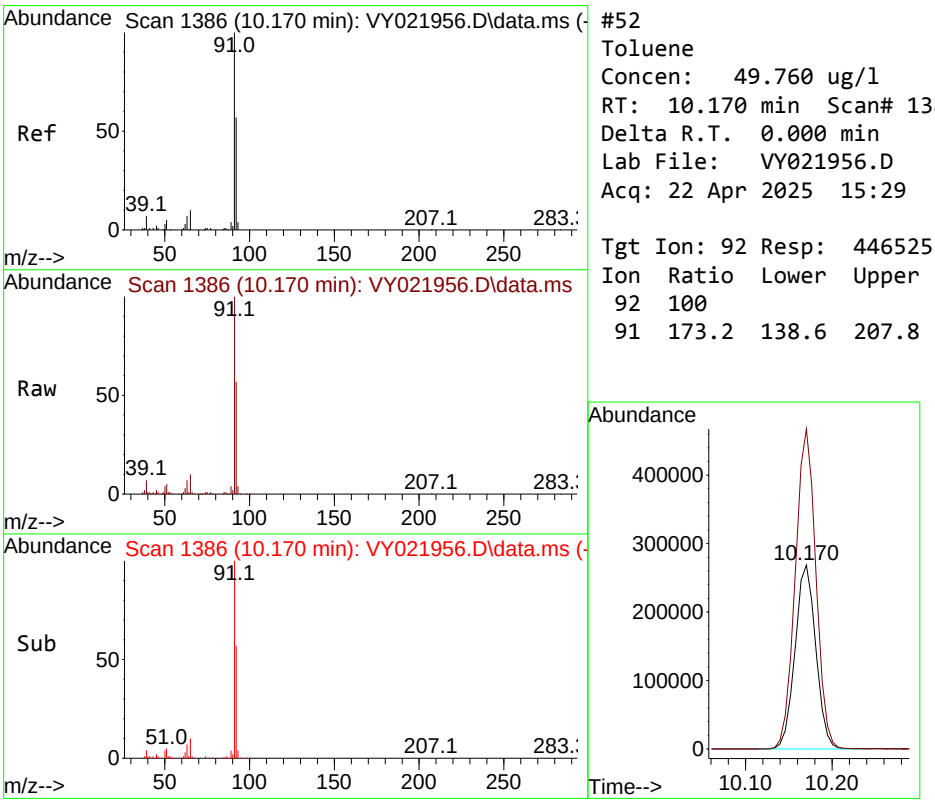
Tgt Ion: 43 Resp: 42863

Ion	Ratio	Lower	Upper
43	100		
58	45.8	36.6	55.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

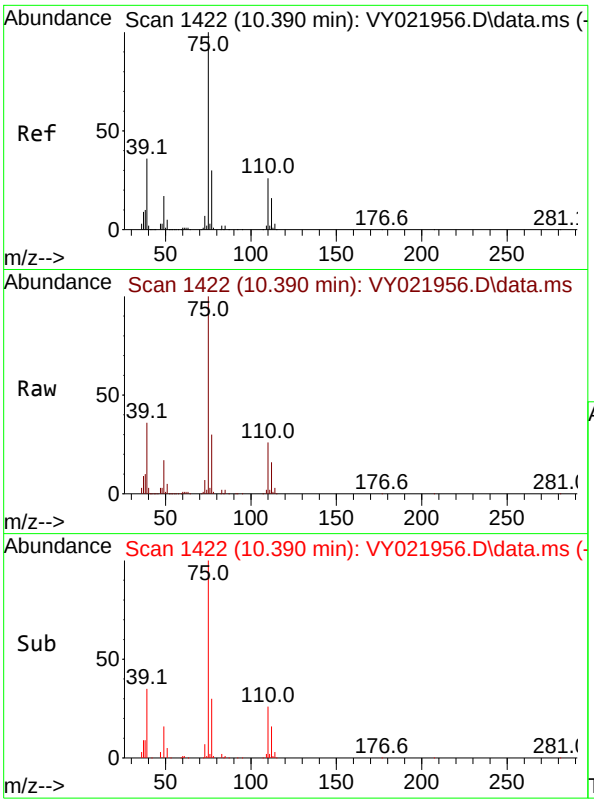
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#52
Toluene
Concen: 49.760 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 92 Resp: 446525

Ion	Ratio	Lower	Upper
92	100		
91	173.2	138.6	207.8



#53
t-1,3-Dichloropropene
Concen: 50.698 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 20847

Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.0	36.0

Instrument :
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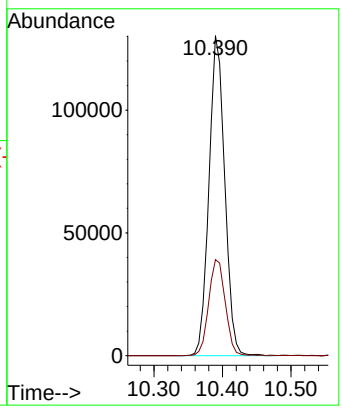
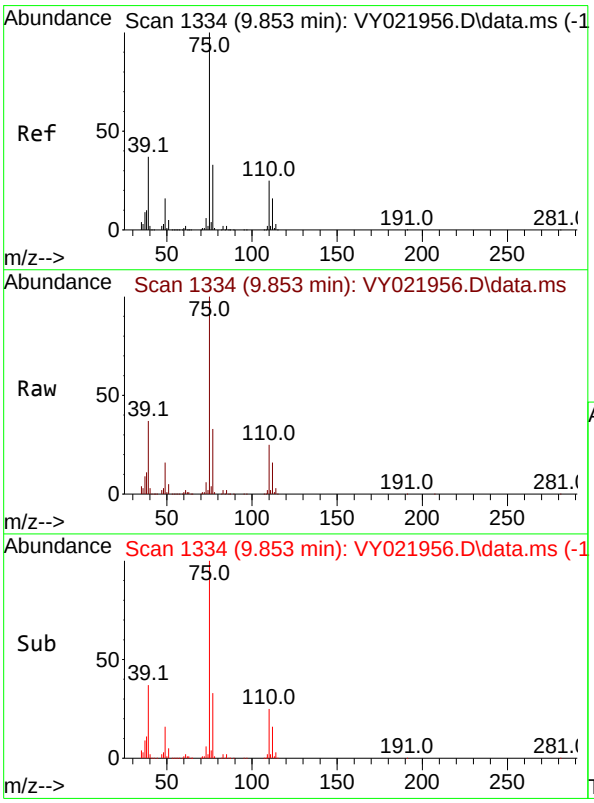
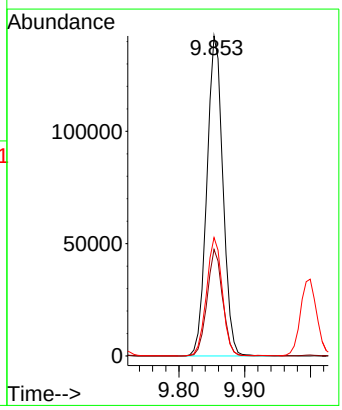


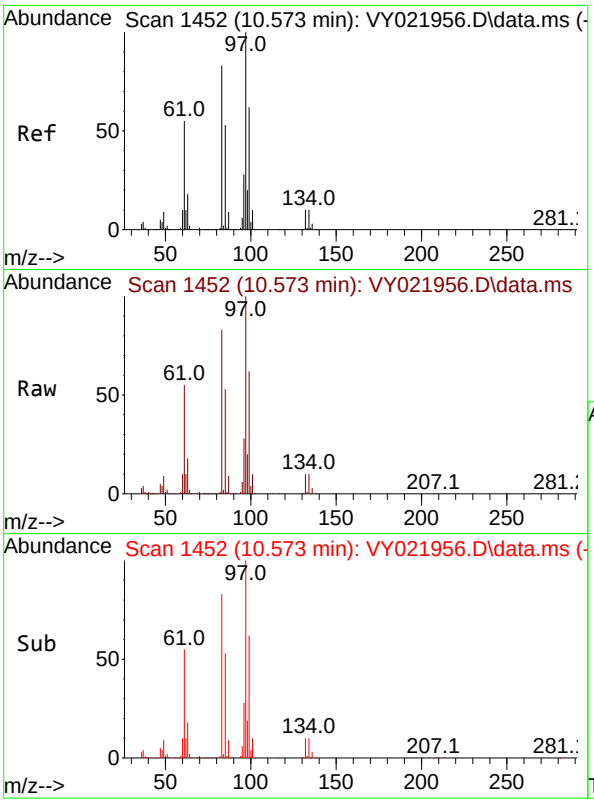


#54
cis-1,3-Dichloropropene
Concen: 49.432 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 241637

Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.6	40.0
39	37.0	29.6	44.4

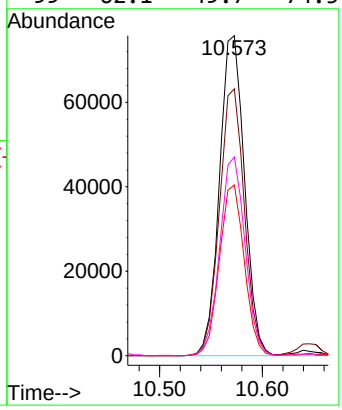




#55
1,1,2-Trichloroethane
Concen: 49.965 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 97 Resp: 12808

Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.7	100.1
85	53.3	42.6	64.0
99	62.1	49.7	74.5



Instrument :
MSVOA_Y
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VSTDICCC050

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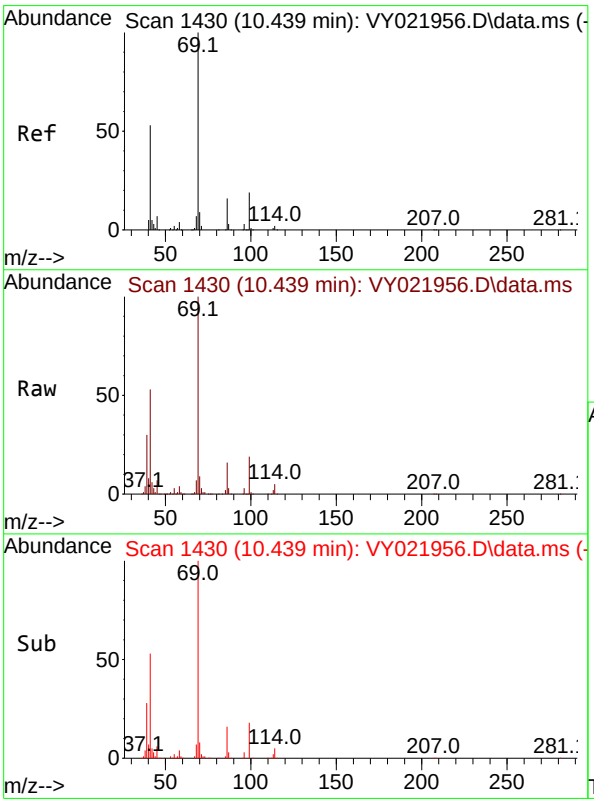
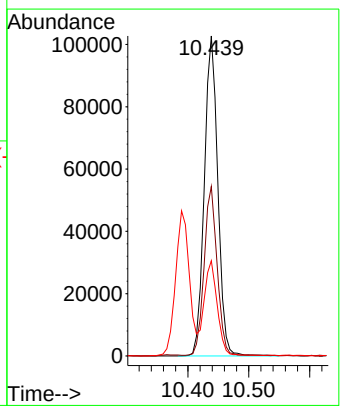
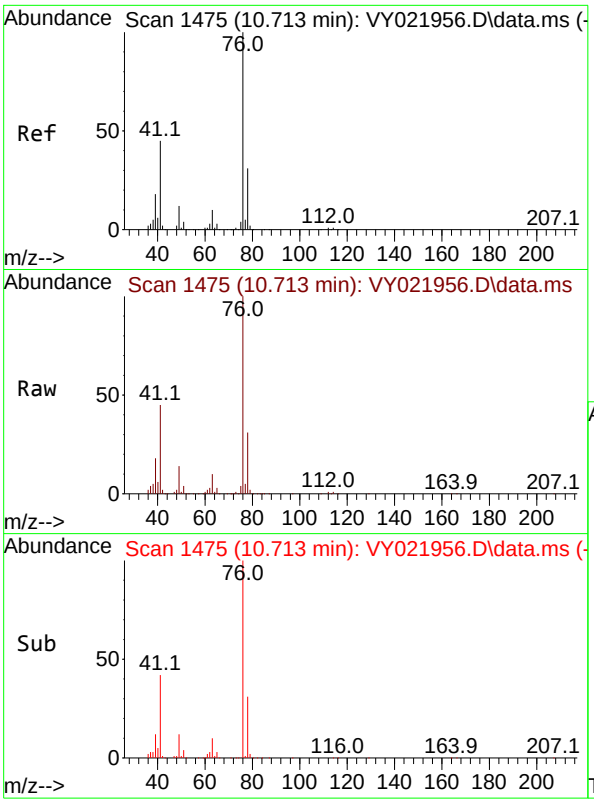


#56
Ethyl methacrylate
Concen: 53.893 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 69 Resp: 157986

Ion	Ratio	Lower	Upper
69	100		
41	50.9	40.7	61.1
39	29.1	23.3	34.9

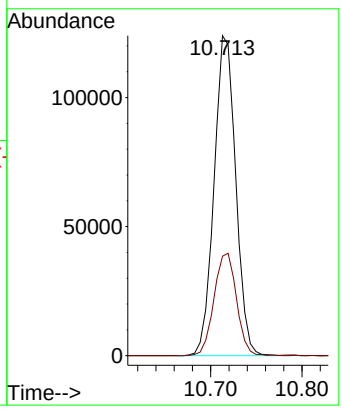




#57
1,3-Dichloropropane
Concen: 49.688 ug/l
RT: 10.713 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 76 Resp: 20419

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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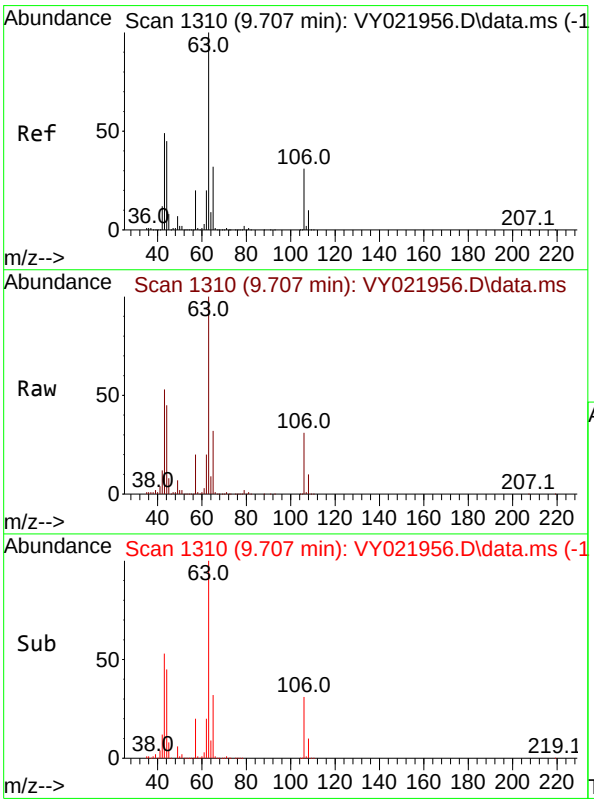
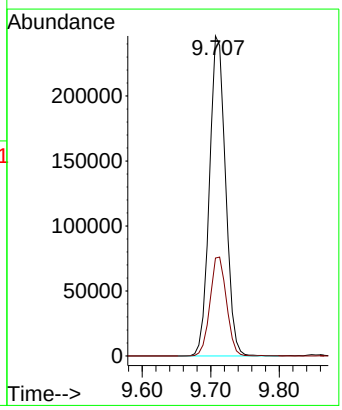
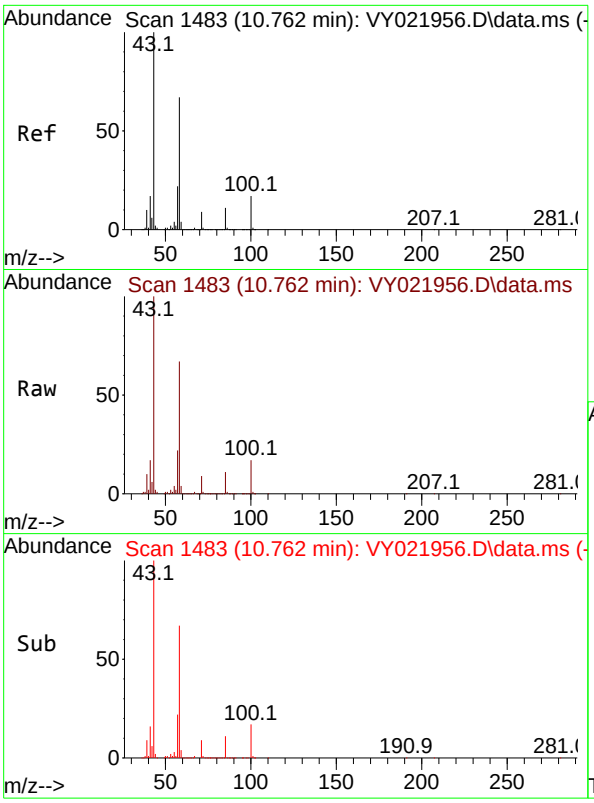


#58
2-Chloroethyl Vinyl ether
Concen: 279.797 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 63 Resp: 401030

Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.3	37.9

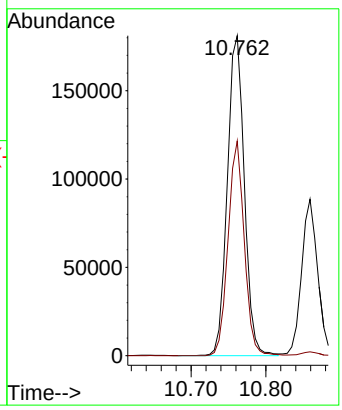




#59
2-Hexanone
Concen: 271.141 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 28675

Ion	Ratio	Lower	Upper
43	100		
58	64.0	32.0	96.0



Instrument :
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ClientSampleId :
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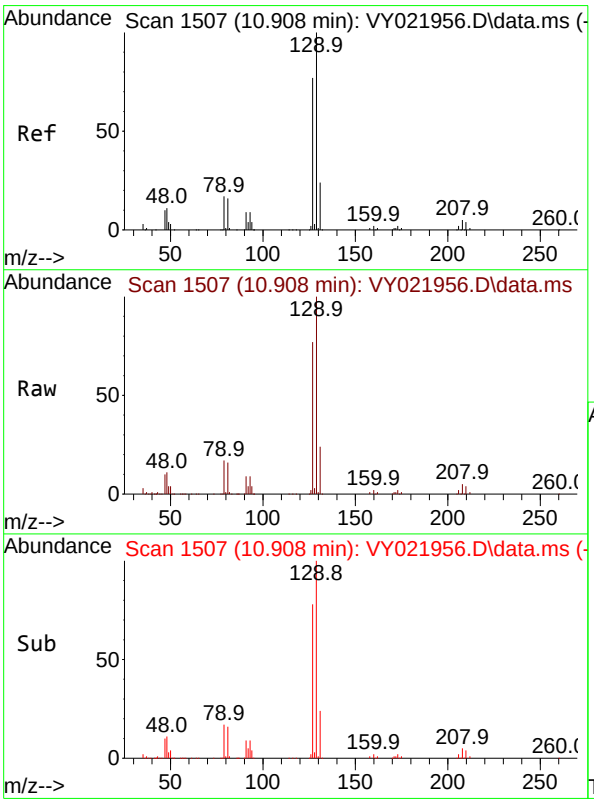
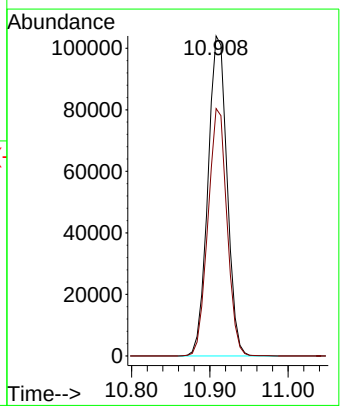
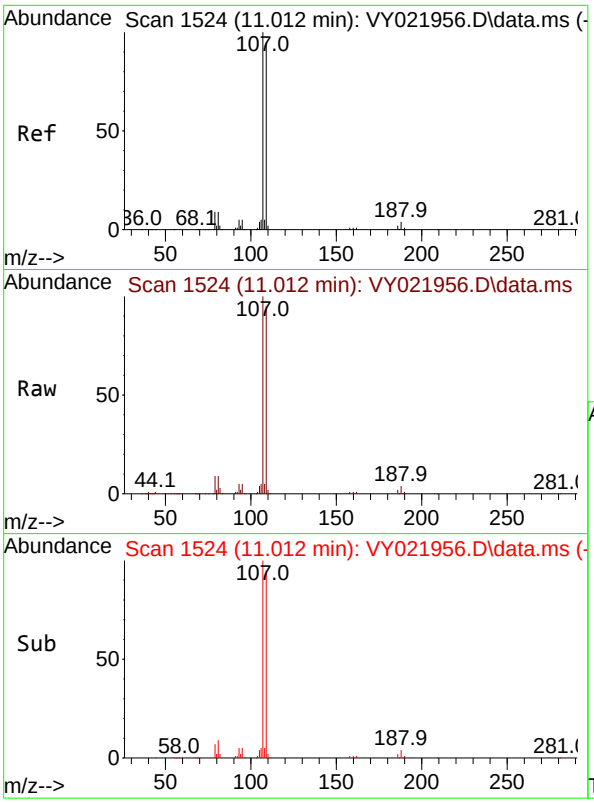


#60
Dibromochloromethane
Concen: 49.624 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:129 Resp: 176120

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.5	115.3

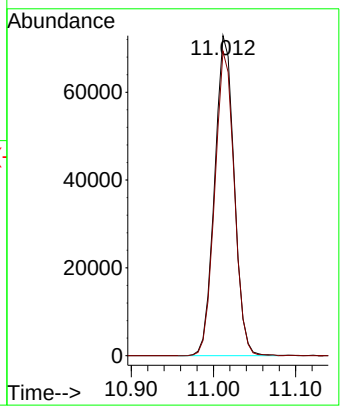




#61
1,2-Dibromoethane
Concen: 49.835 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:107 Resp: 12060

Ion	Ratio	Lower	Upper
107	100		
109	94.8	75.8	113.8



Instrument :
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ClientSampleId :
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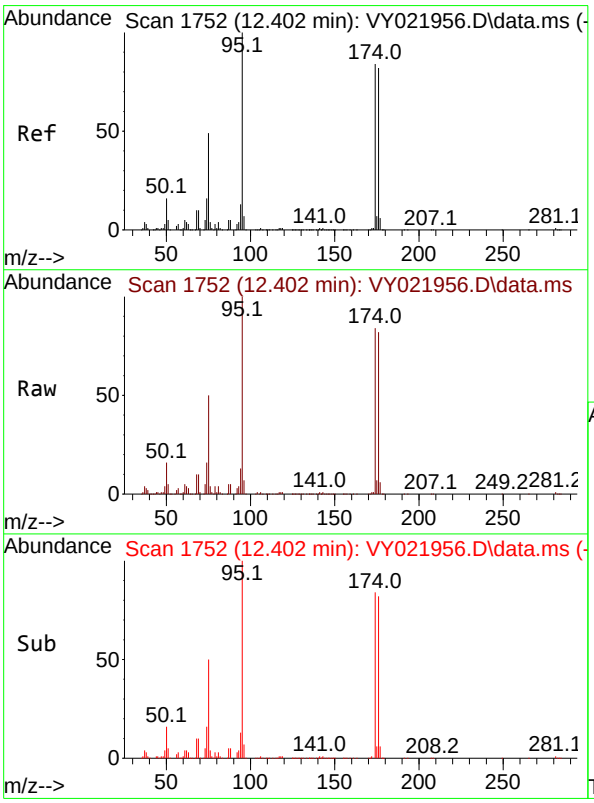
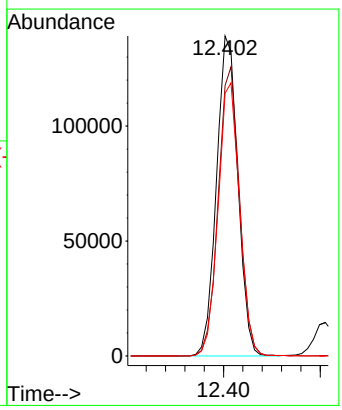
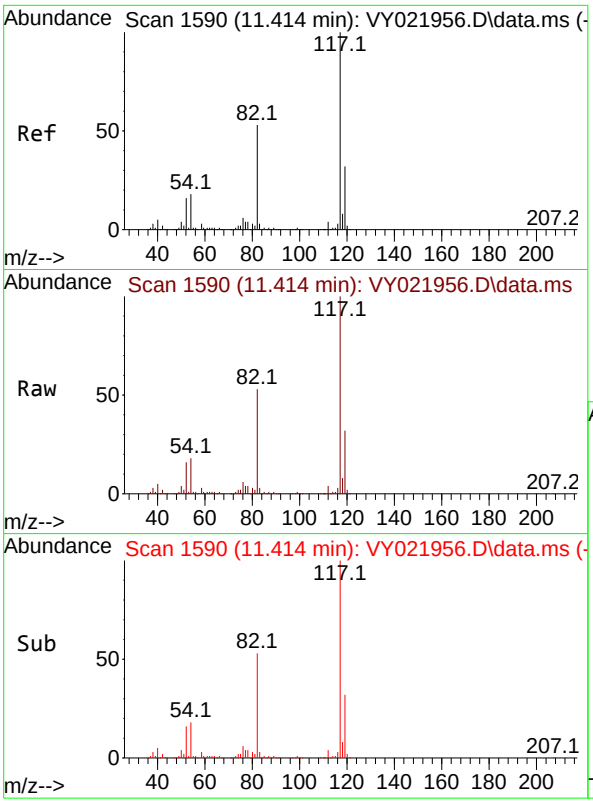


#62
4-Bromofluorobenzene
Concen: 50.820 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 95 Resp: 212936

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	179.0
176	85.9	0.0	171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:117 Resp: 45850

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.1	63.1
119	32.1	25.7	38.5

Instrument :
MSVOA_Y
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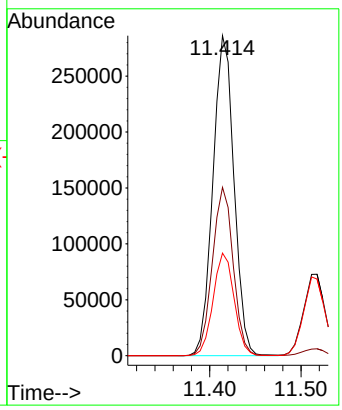
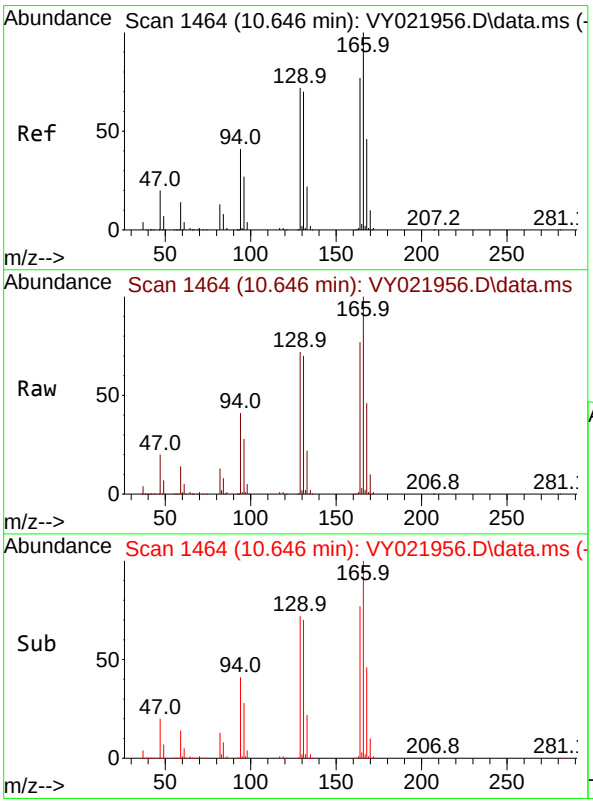
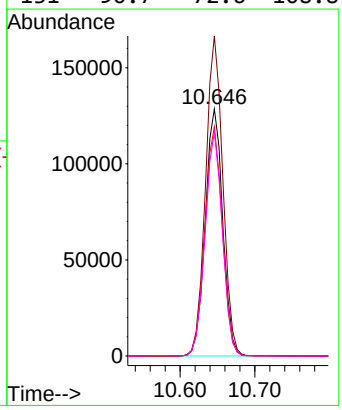


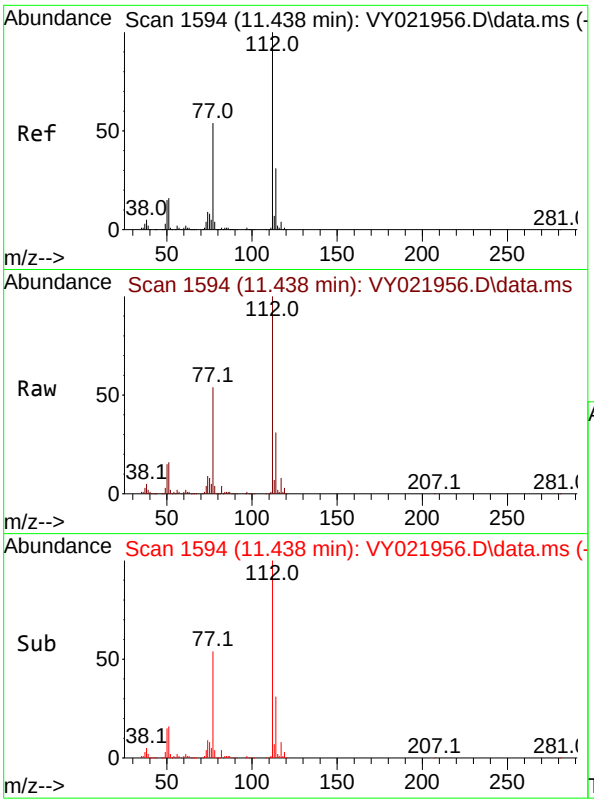


#64
Tetrachloroethene
Concen: 48.263 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:164 Resp: 208756

Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.6	155.4
129	92.8	74.2	111.4
131	90.7	72.6	108.8

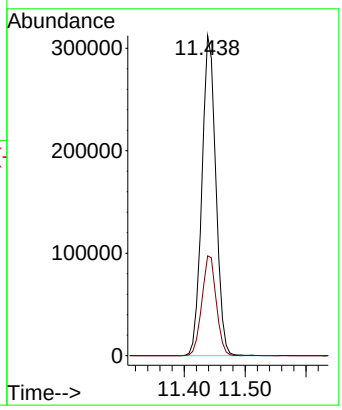




#65
Chlorobenzene
Concen: 48.437 ug/l
RT: 11.438 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:112 Resp: 49664

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.4



Instrument :
MSVOA_Y
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VSTDICCC050

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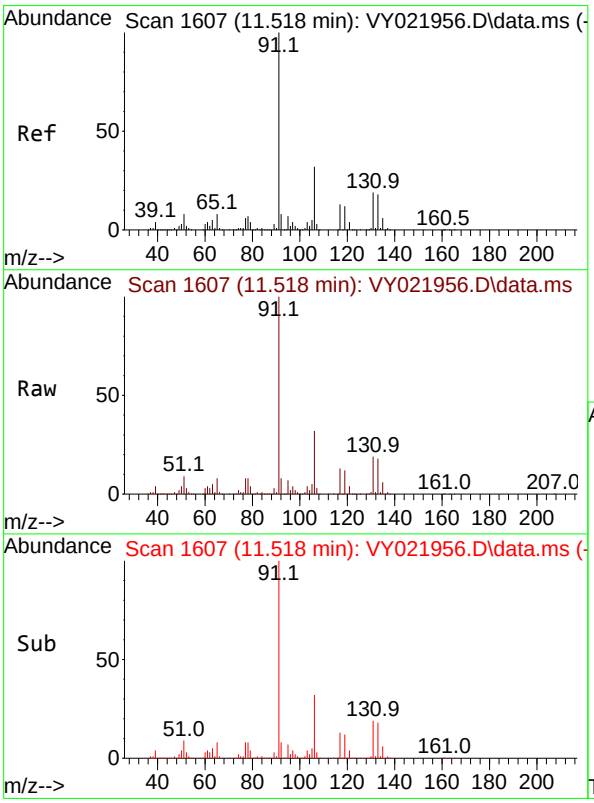
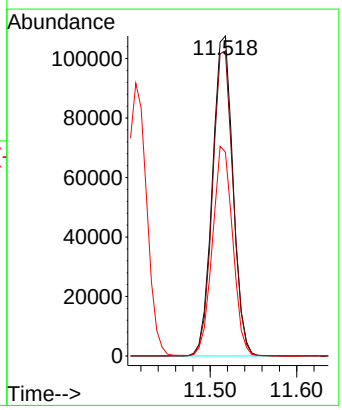
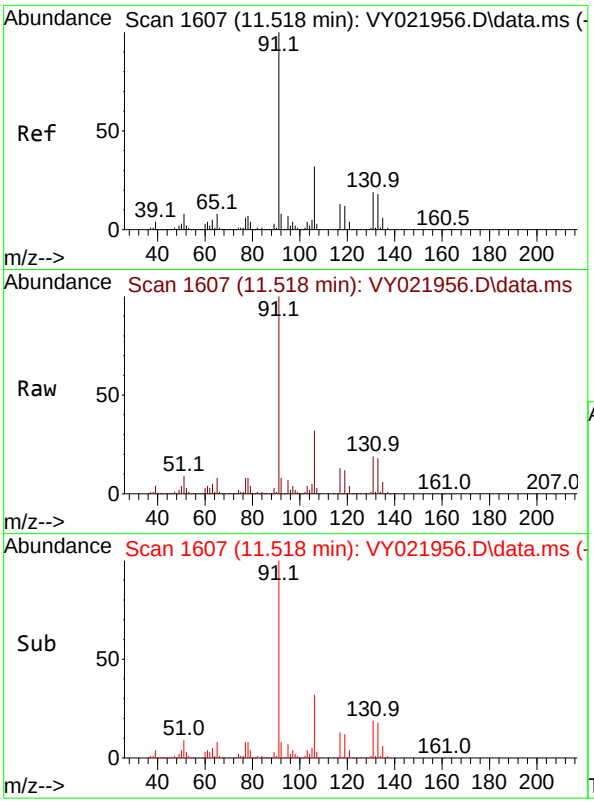


#66
1,1,1,2-Tetrachloroethane
Concen: 49.075 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:131 Resp: 177151

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.8	143.3
119	64.7	32.4	97.0





#67
Ethyl Benzene
Concen: 50.163 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 91 Resp: 84138

Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.9	38.9

Instrument :
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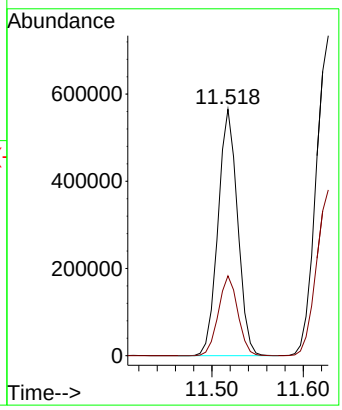
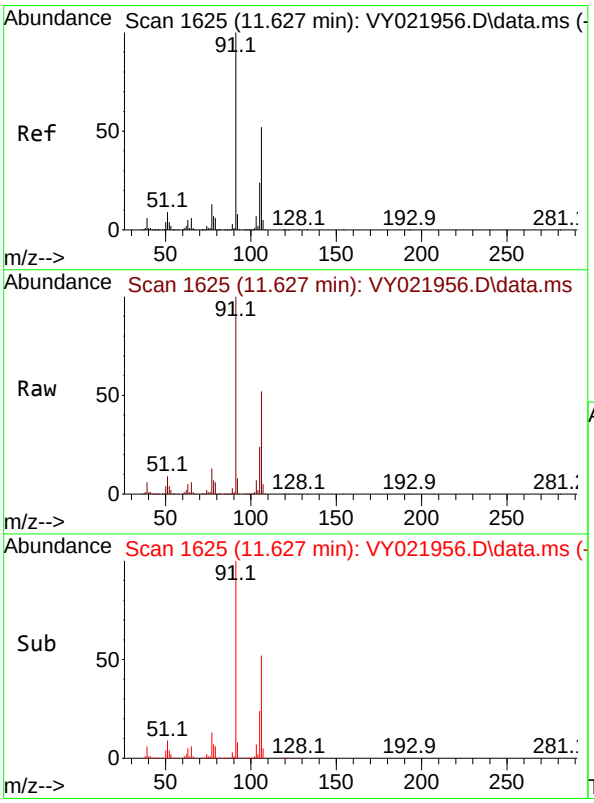
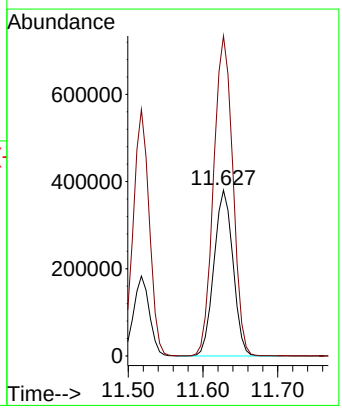


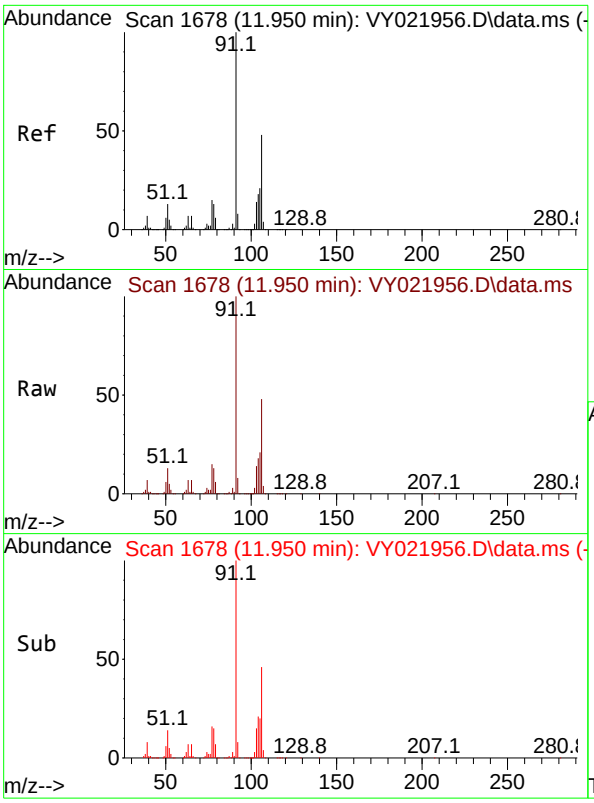


#68
m/p-Xylenes
Concen: 100.858 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:106 Resp: 673159

Ion	Ratio	Lower	Upper
106	100		
91	195.2	156.2	234.2





#69
o-Xylene
Concen: 51.325 ug/l
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:106 Resp: 31573

Ion	Ratio	Lower	Upper
106	100		
91	205.9	103.0	308.9

Instrument :
MSVOA_Y
ClientSampleId :
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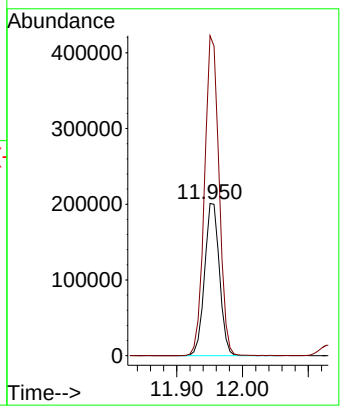
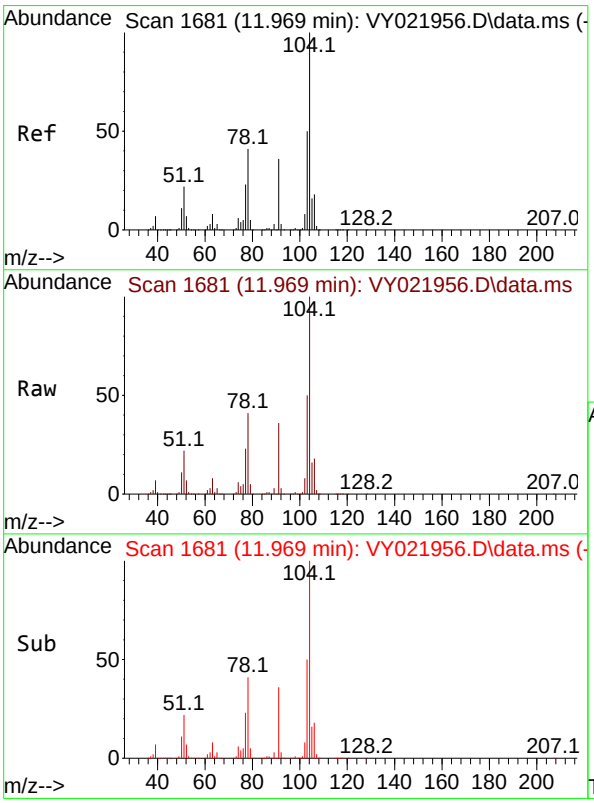
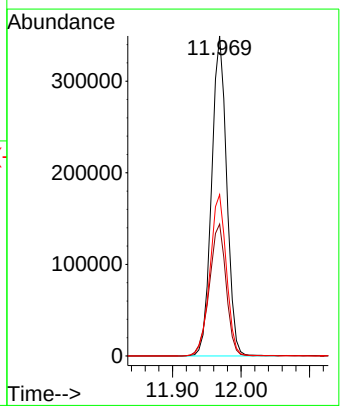


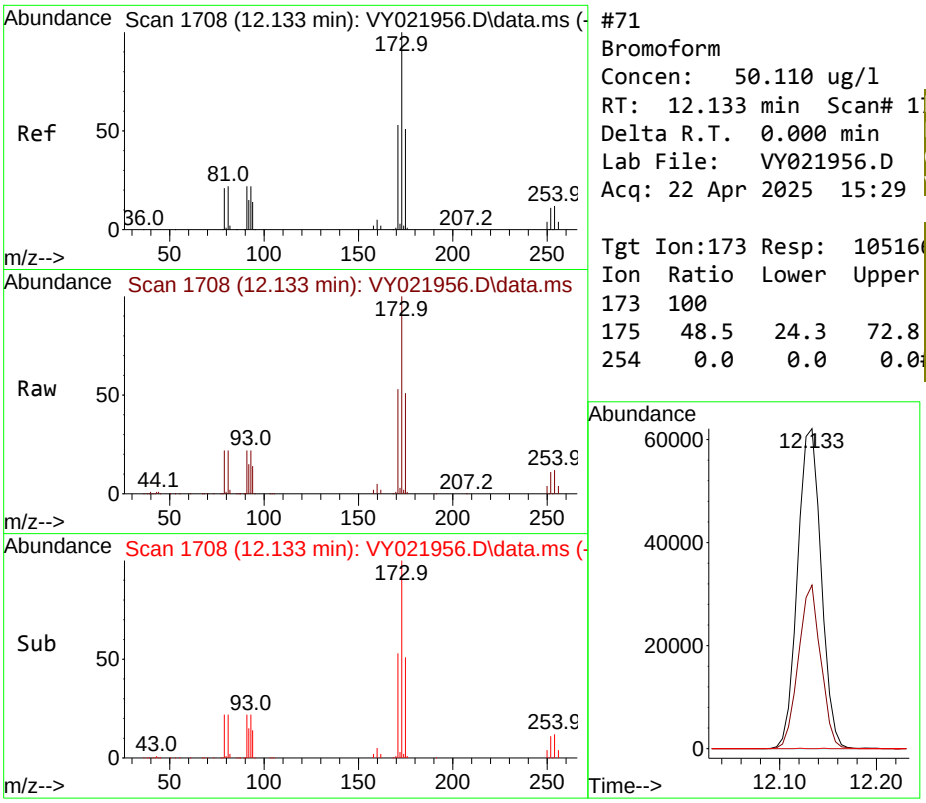


#70
Styrene
Concen: 51.890 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:104 Resp: 535957

Ion	Ratio	Lower	Upper
104	100		
78	45.7	36.6	54.8
103	54.8	43.8	65.8





#71
Bromoform
Concen: 50.110 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:173 Resp: 10516

Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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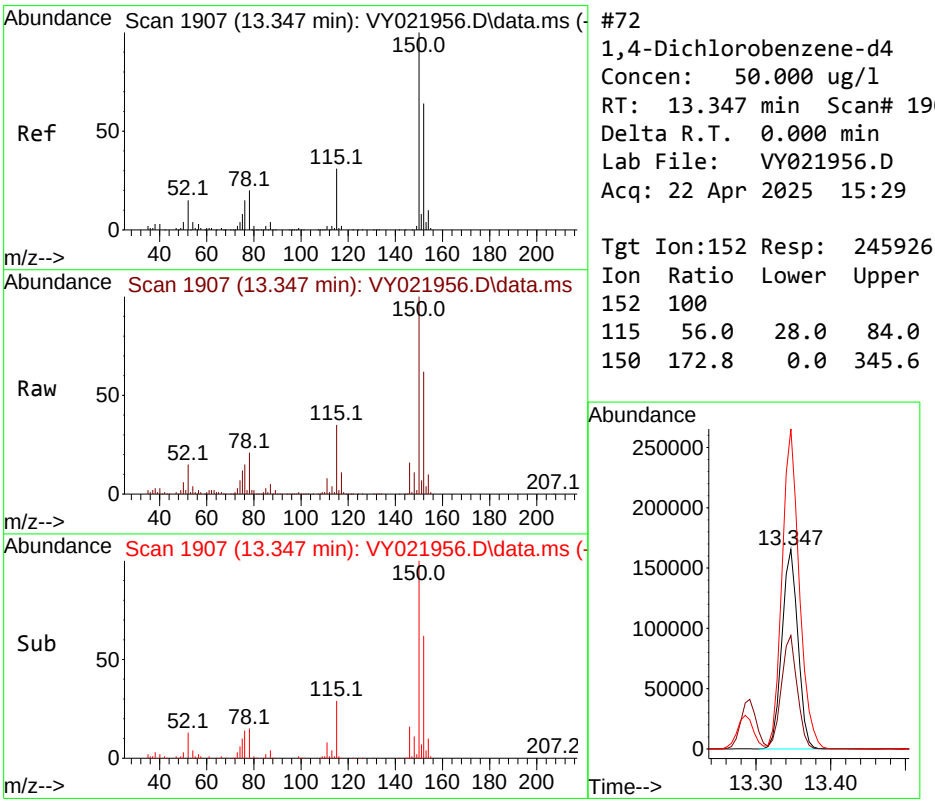
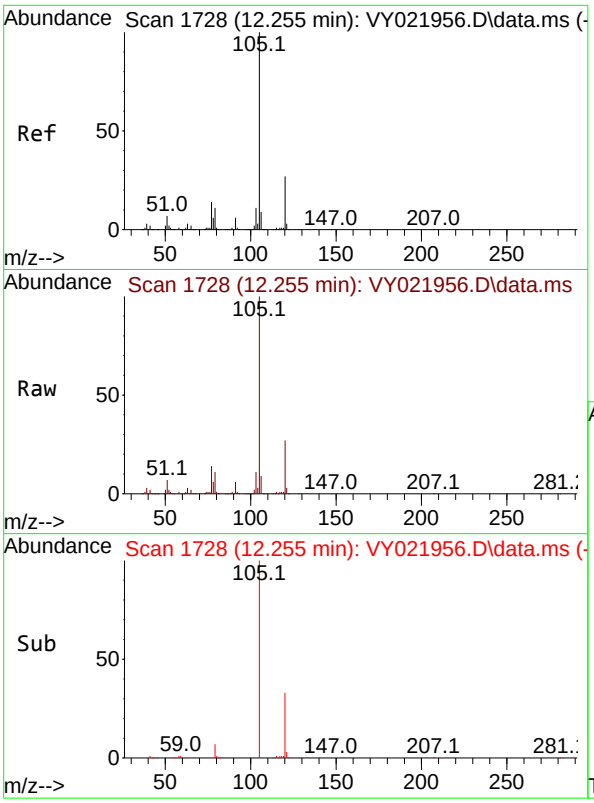
Supervised By :Mahesh Dadoda 04/23/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:152 Resp: 245926

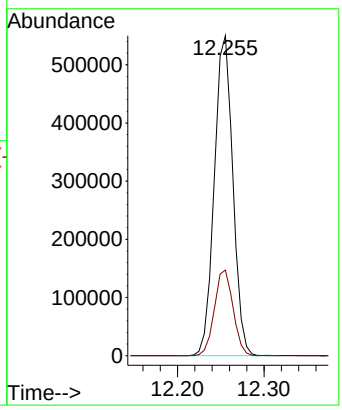
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	172.8	0.0	345.6



#73
Isopropylbenzene
Concen: 49.770 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:105 Resp: 81774

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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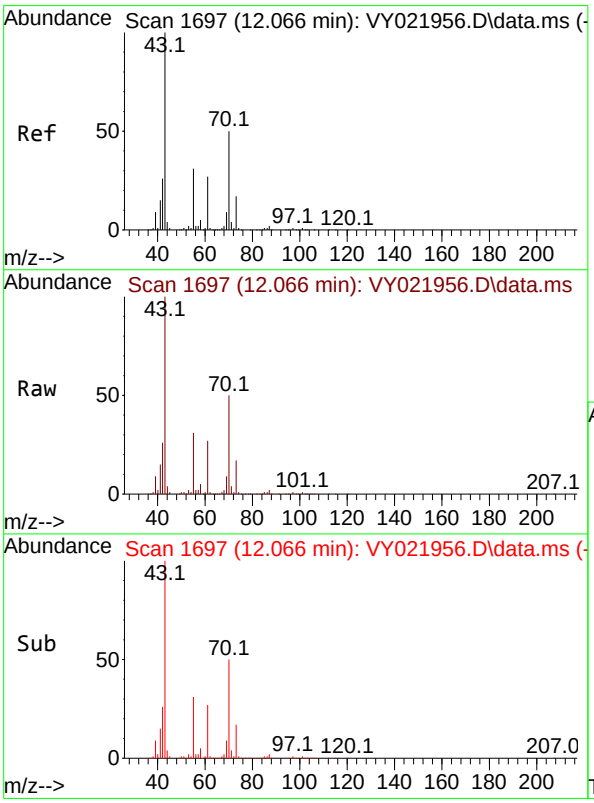
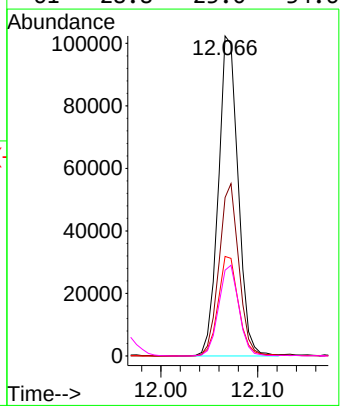
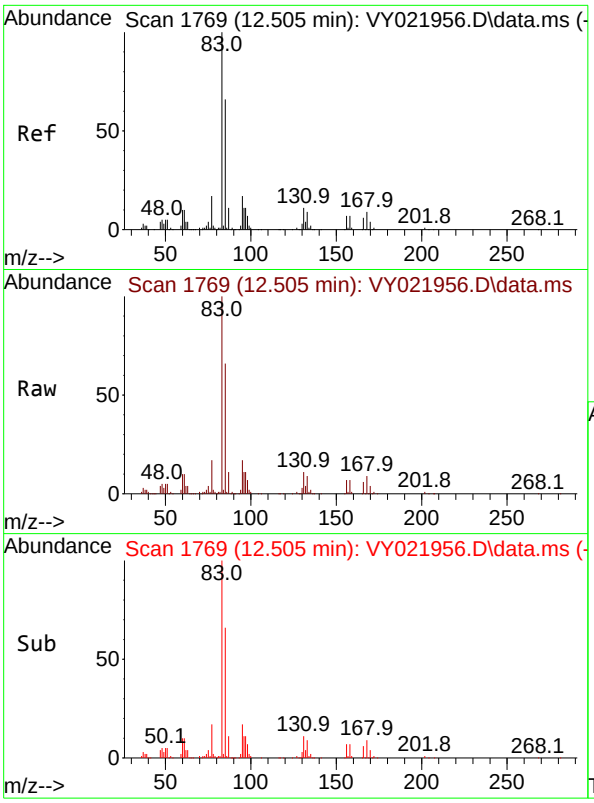


#74
N-amyl acetate
Concen: 51.512 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 43 Resp: 145415

Ion	Ratio	Lower	Upper
43	100		
70	54.0	43.2	64.8
55	32.1	25.7	38.5
61	28.8	23.0	34.6

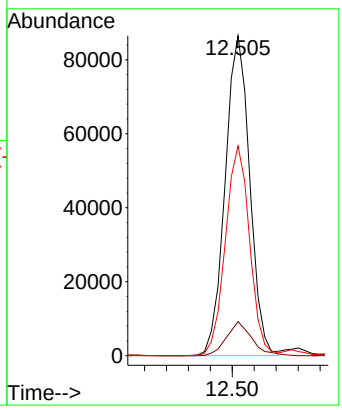




#75
1,1,2,2-Tetrachloroethane
Concen: 48.682 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 83 Resp: 13485

Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	64.5	32.3	96.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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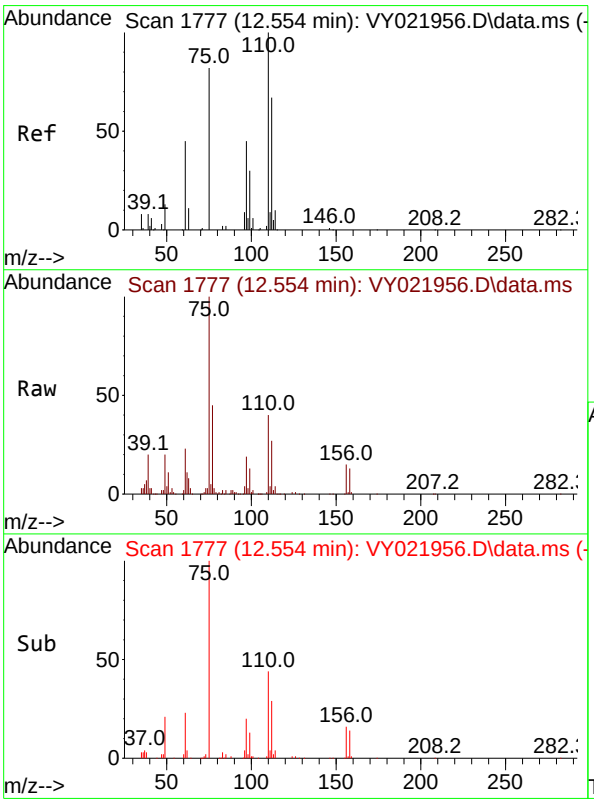
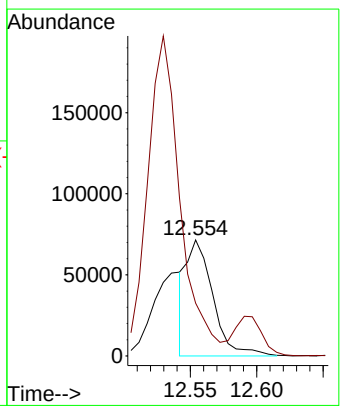
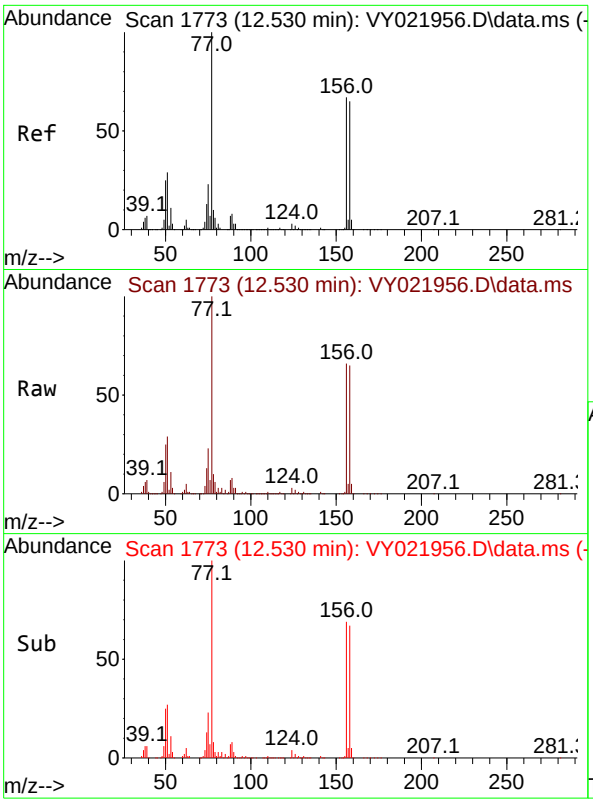


#76
1,2,3-Trichloropropane
Concen: 45.999 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 99679

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

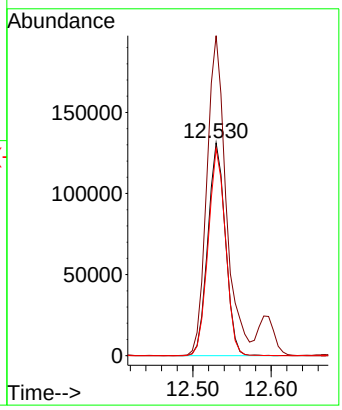




#77
Bromobenzene
Concen: 49.021 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:156 Resp: 20352

Ion	Ratio	Lower	Upper
156	100		
77	165.4	82.7	248.1
158	96.3	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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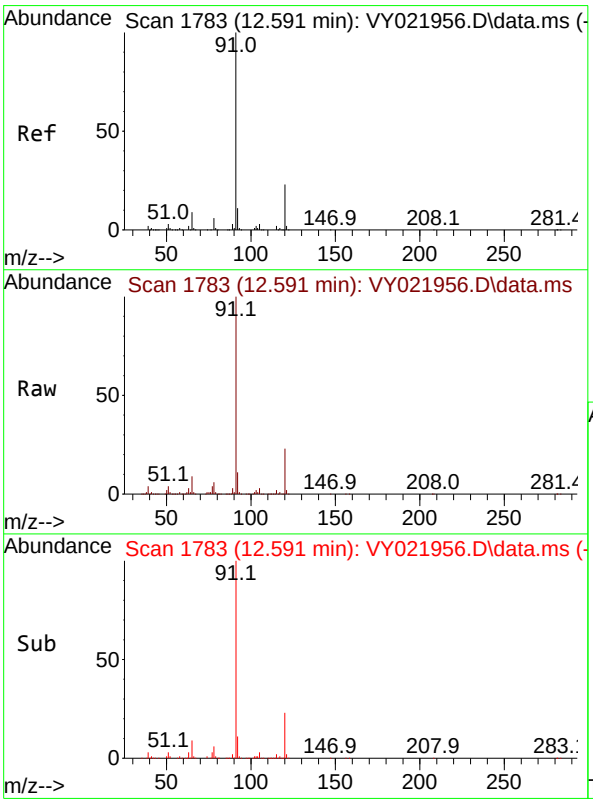
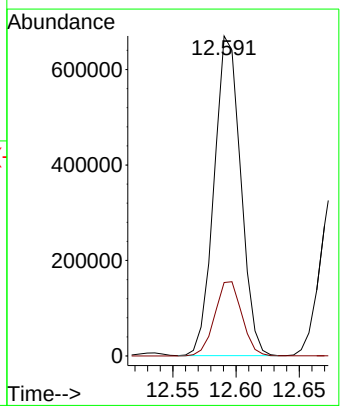
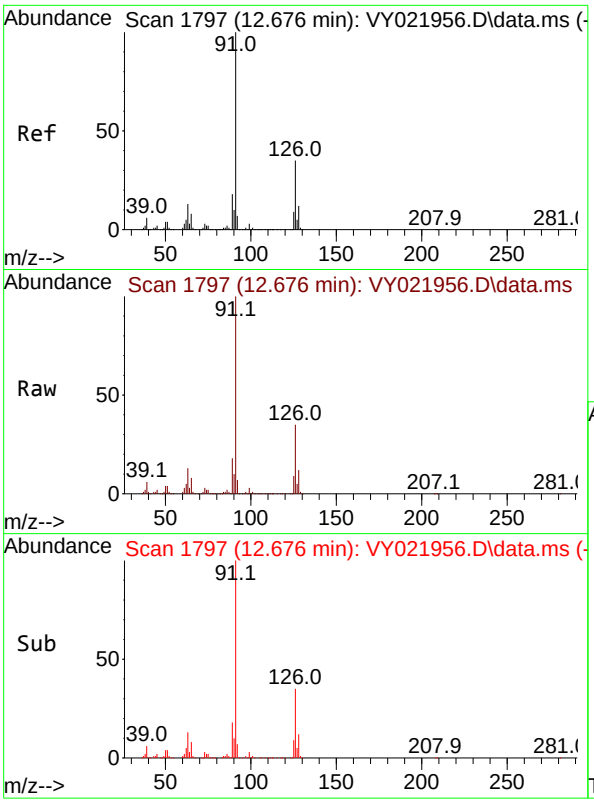


#78
n-propylbenzene
Concen: 49.981 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 91 Resp: 977958

Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.9	35.5

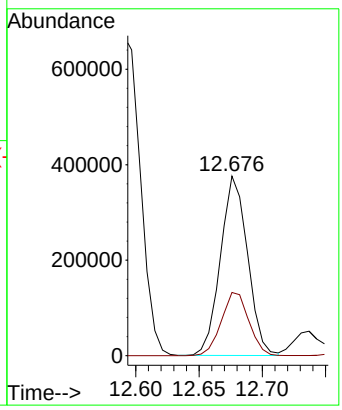




#79
2-Chlorotoluene
Concen: 49.283 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 91 Resp: 56080

Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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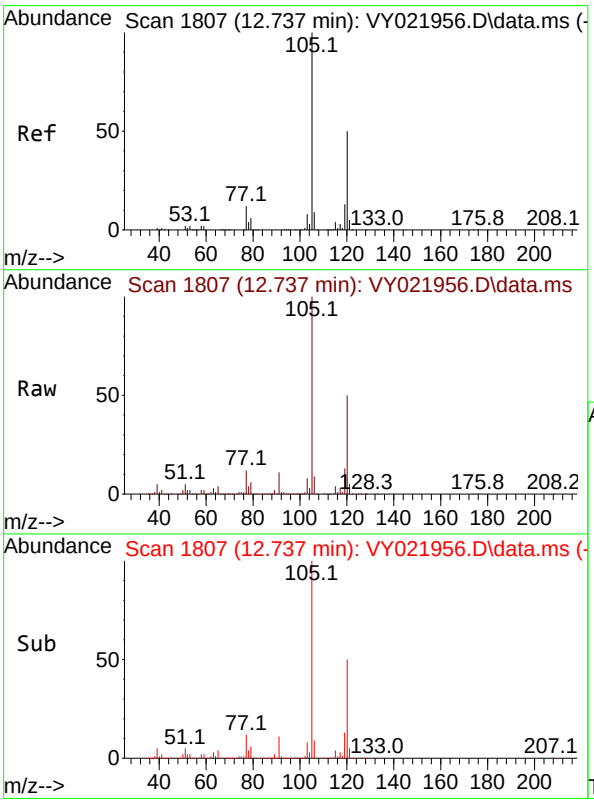
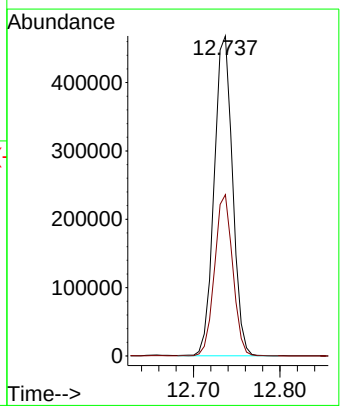
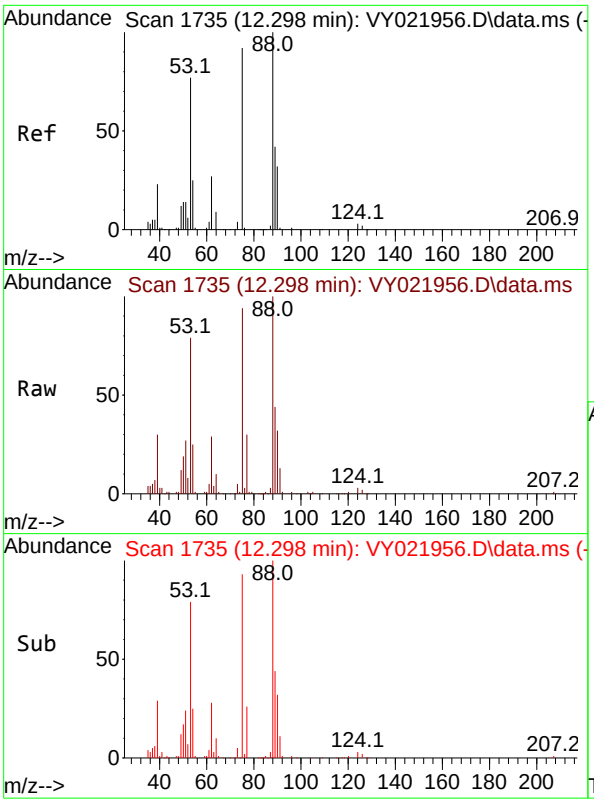


#80
1,3,5-Trimethylbenzene
Concen: 50.863 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:105 Resp: 688578

Ion	Ratio	Lower	Upper
105	100		
120	50.0	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 49.698 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 4347

Ion	Ratio	Lower	Upper
75	100		
53	82.5	66.0	99.0
89	46.5	37.2	55.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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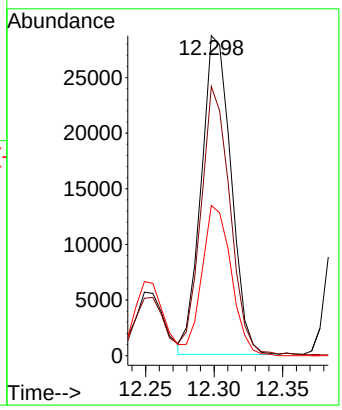
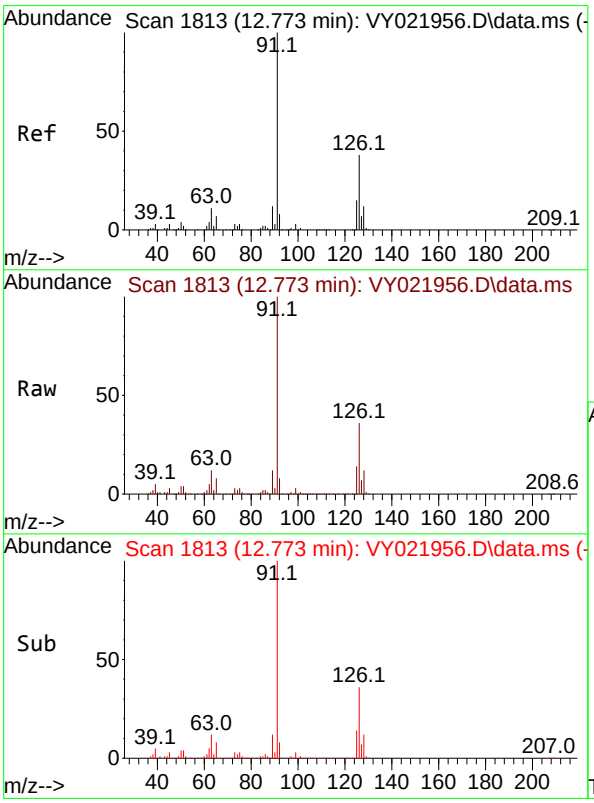
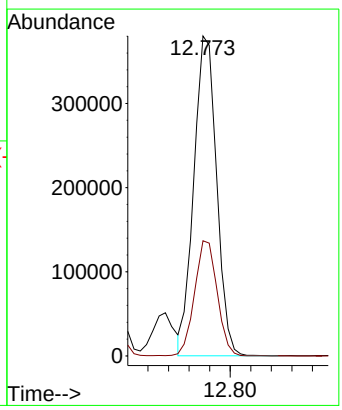


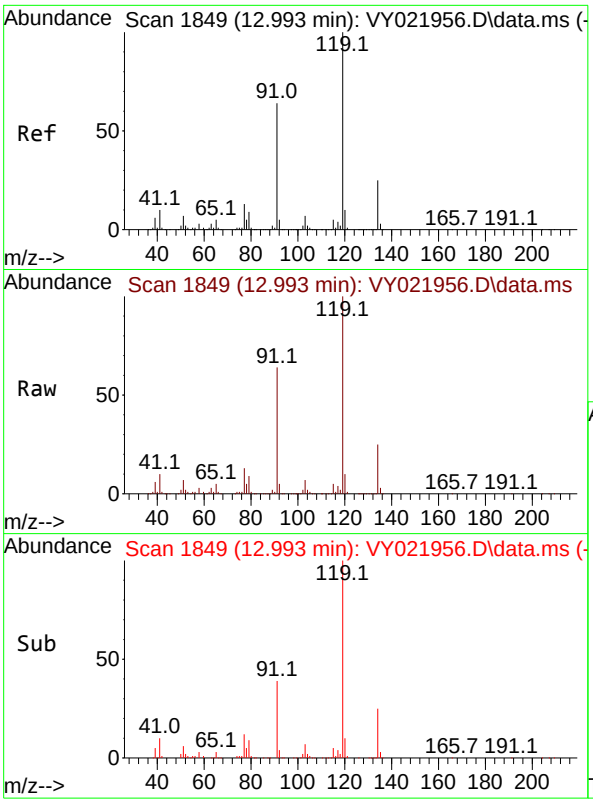


#82
4-Chlorotoluene
Concen: 49.478 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 91 Resp: 585277

Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.9	53.8





#83
tert-Butylbenzene
Concen: 50.513 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:119 Resp: 61329

Ion	Ratio	Lower	Upper
119	100		
91	60.6	30.3	90.9
134	25.8	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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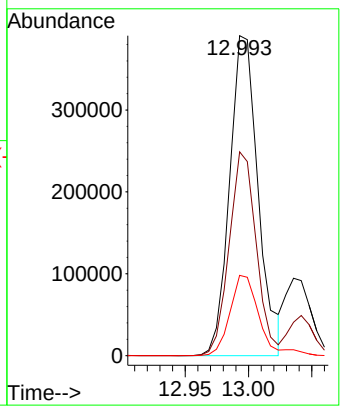
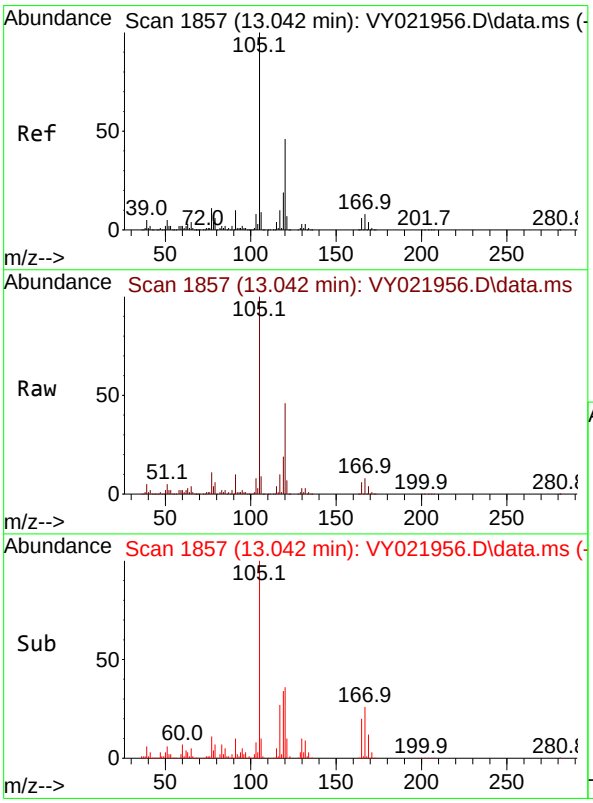
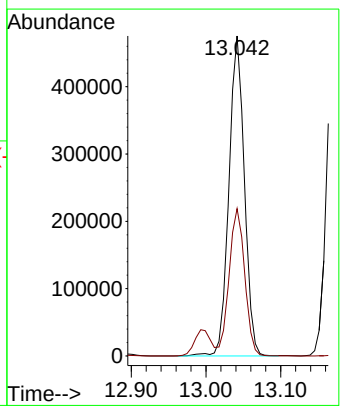


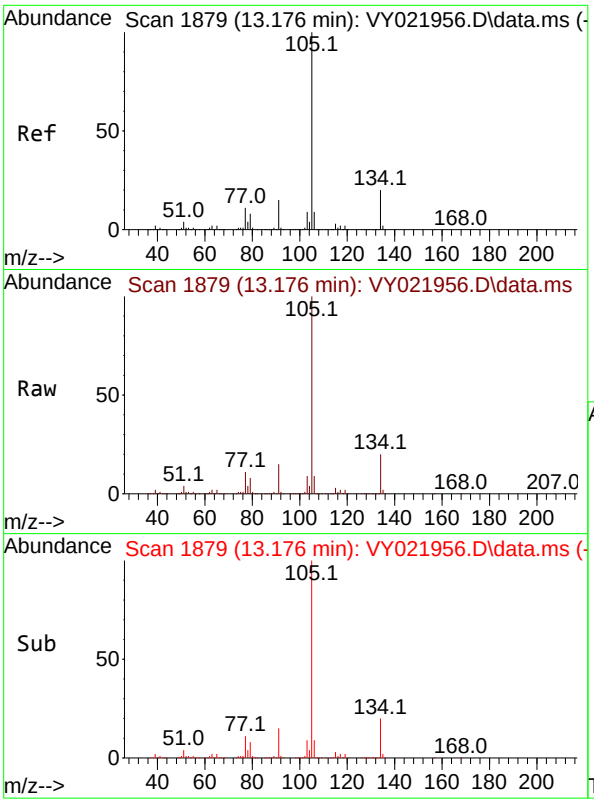


#84
1,2,4-Trimethylbenzene
Concen: 50.560 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:105 Resp: 684634

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.0





#85
sec-Butylbenzene
Concen: 49.857 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:105 Resp: 88579

Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.3	30.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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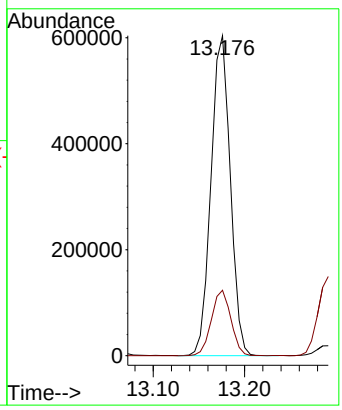
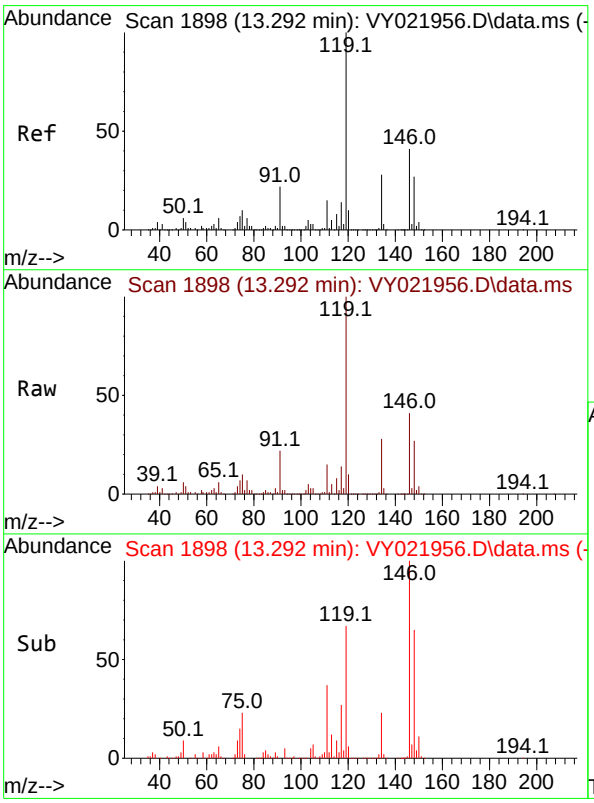
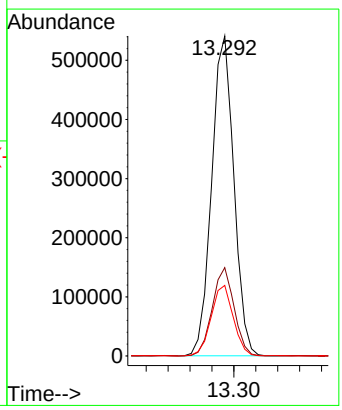


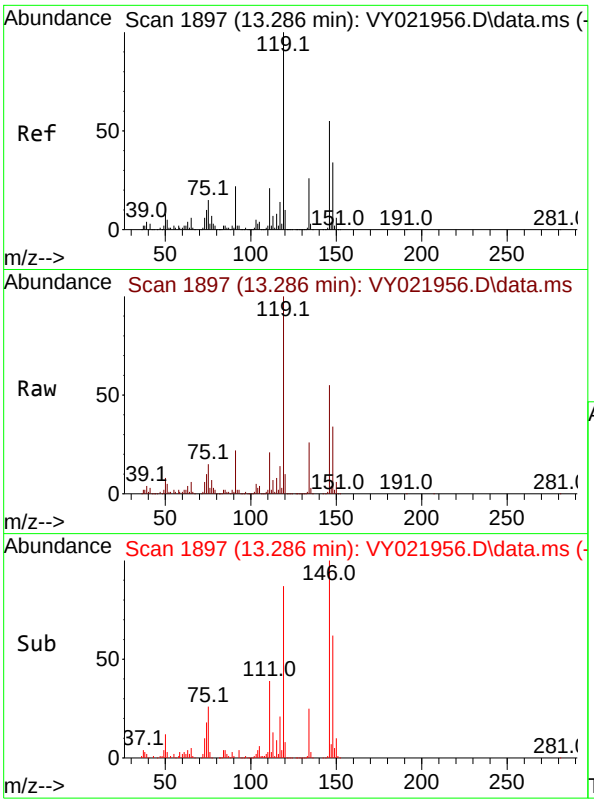


#86
p-Isopropyltoluene
Concen: 50.431 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:119 Resp: 760829

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	22.0	11.0	33.0

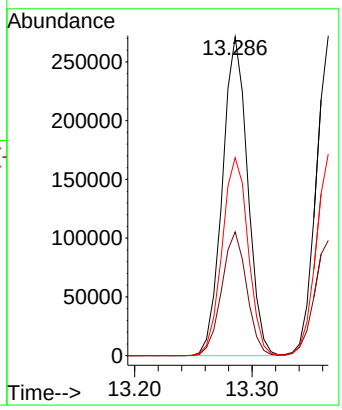




#87
1,3-Dichlorobenzene
Concen: 48.048 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:146 Resp: 40515

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	64.1	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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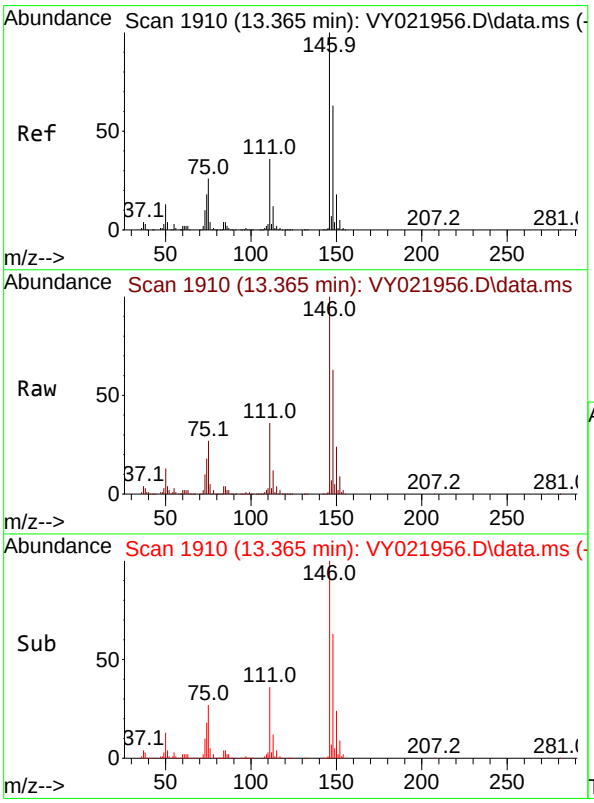
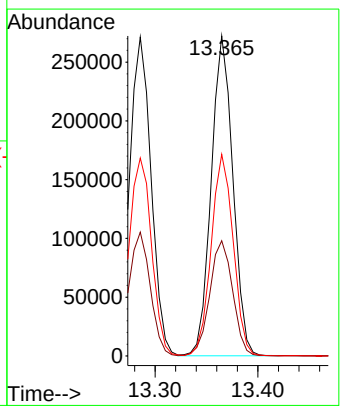
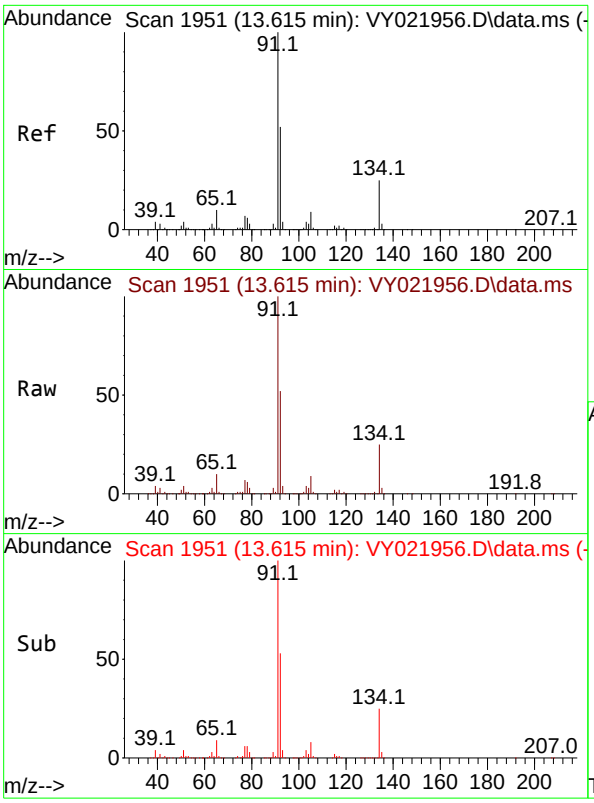


#88
1,4-Dichlorobenzene
Concen: 47.697 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:146 Resp: 398336

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.2	57.6
148	64.0	32.0	96.0

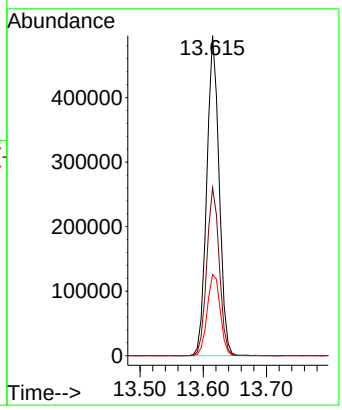




#89
n-Butylbenzene
Concen: 50.008 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 91 Resp: 67434

Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.5
134	26.7	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

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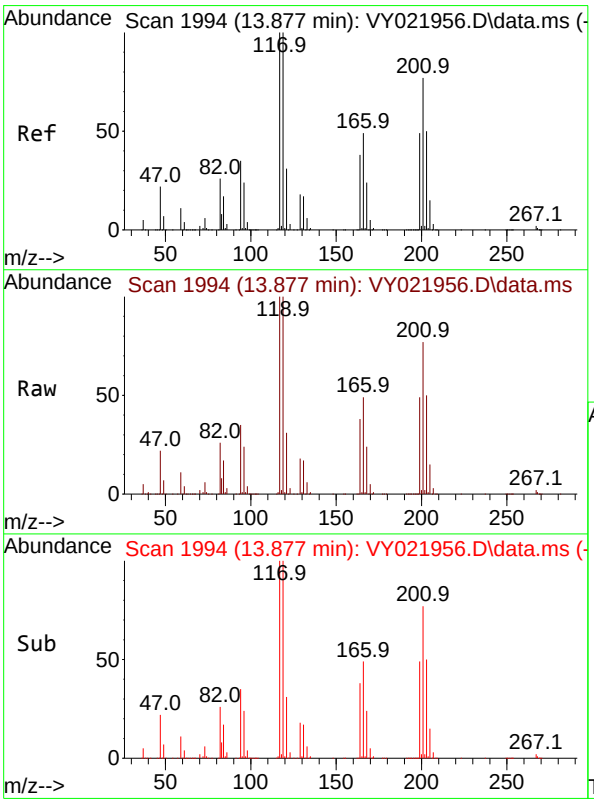
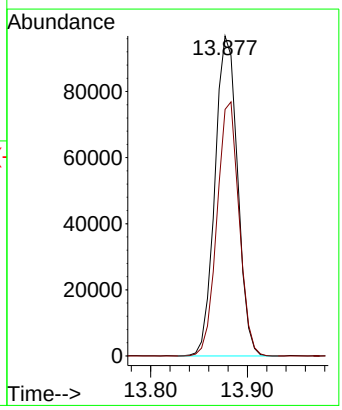
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

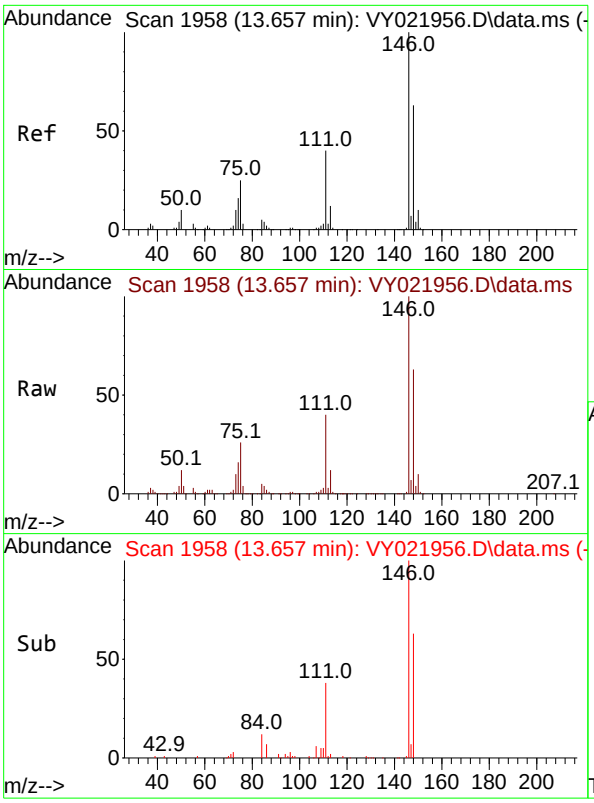


#90
Hexachloroethane
Concen: 47.353 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:117 Resp: 156957

Ion	Ratio	Lower	Upper
117	100		
201	77.4	38.7	116.1

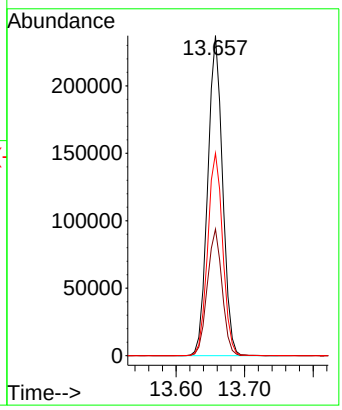




#91
1,2-Dichlorobenzene
Concen: 48.544 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:146 Resp: 35702

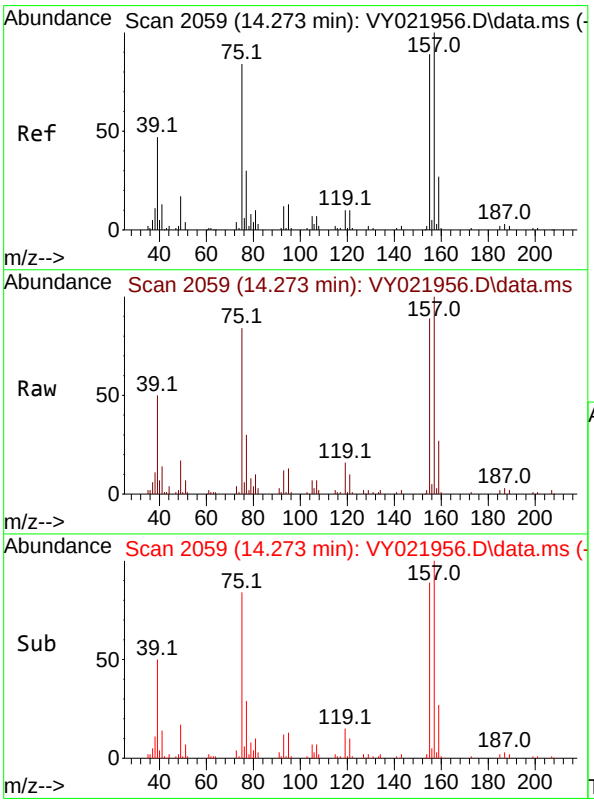
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.2	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

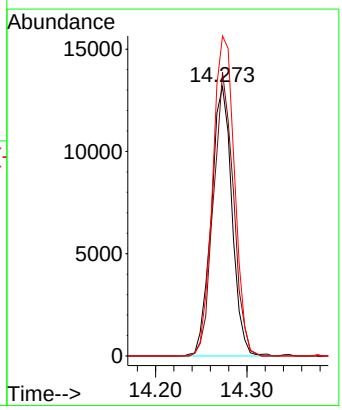
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

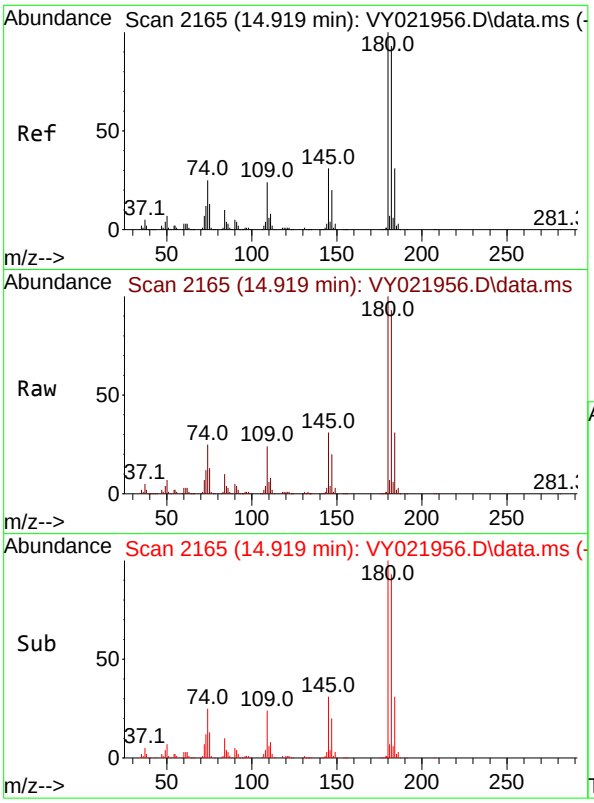


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.964 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion: 75 Resp: 20698

Ion	Ratio	Lower	Upper
75	100		
155	101.5	50.7	152.3
157	125.2	62.6	187.8

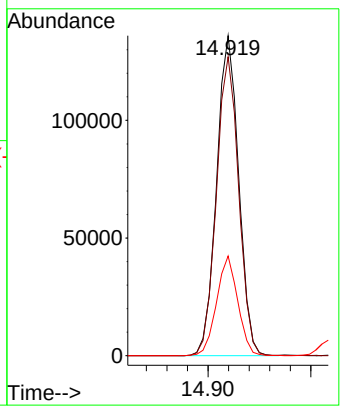




#93
1,2,4-Trichlorobenzene
Concen: 48.561 ug/l
RT: 14.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:180 Resp: 20238

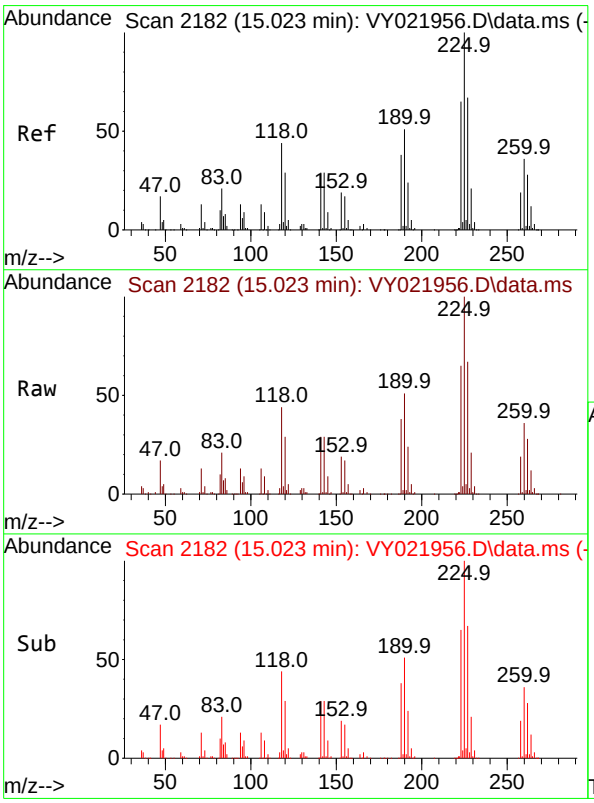
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.1	141.4
145	30.0	15.0	45.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

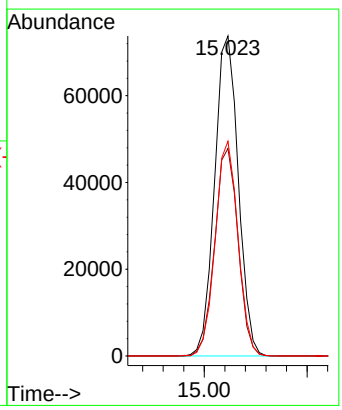
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

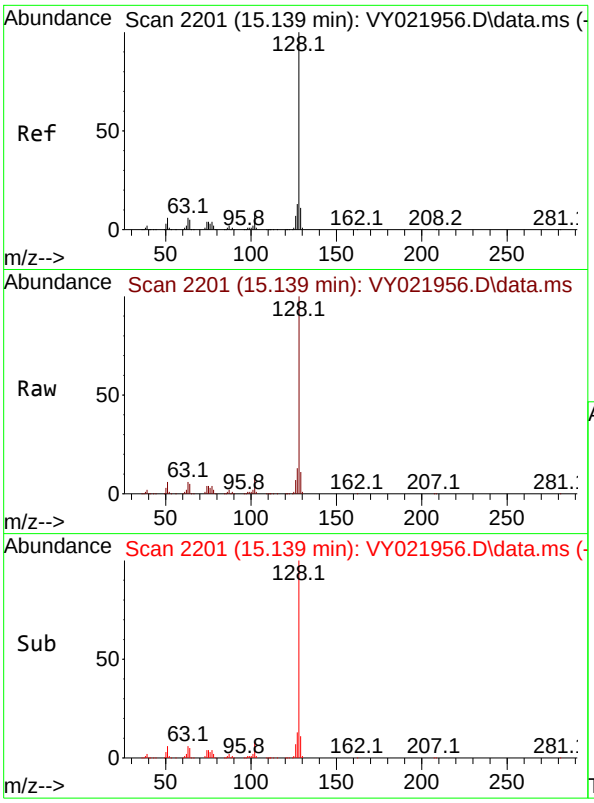


#94
Hexachlorobutadiene
Concen: 46.009 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:225 Resp: 117976

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.9	95.5
227	64.6	32.3	96.9

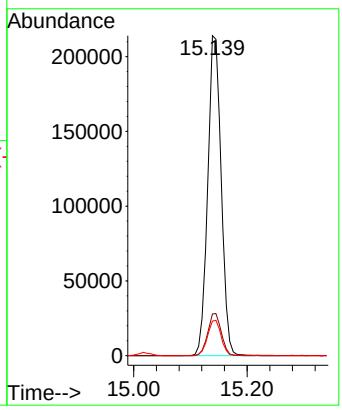




#95
Naphthalene
Concen: 51.007 ug/l
RT: 15.139 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:128 Resp: 35313

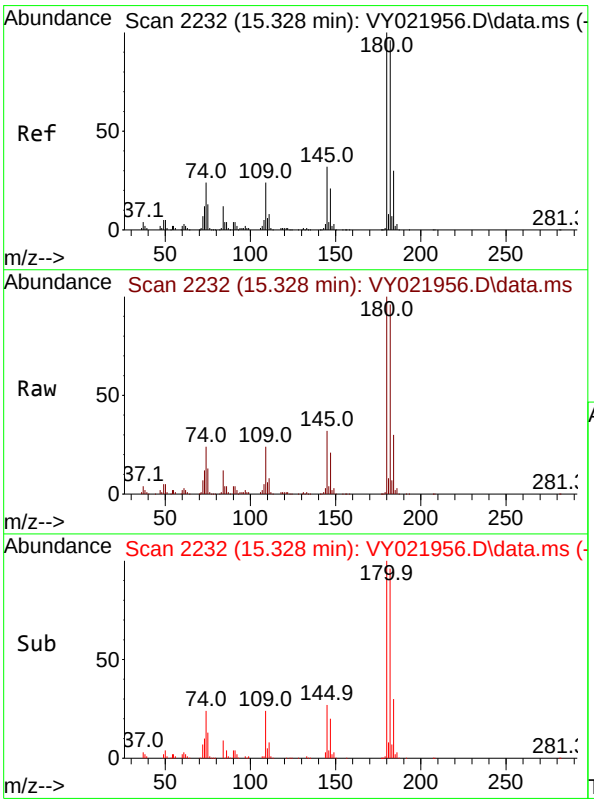
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.1	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

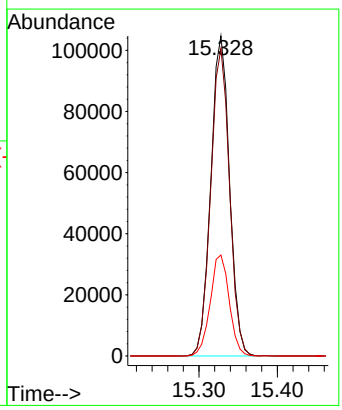
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.304 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021956.D
Acq: 22 Apr 2025 15:29

Tgt Ion:180 Resp: 173778

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	32.0	16.0	48.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021957.D
Acq On : 22 Apr 2025 15:52
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:12:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	344392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	517970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	479774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	253936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	287743	90.454	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 180.900%#			
35) Dibromofluoromethane	7.634	113	329983	96.430	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 192.860%#			
50) Toluene-d8	10.103	98	1288287	99.860	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 199.720%#			
62) 4-Bromofluorobenzene	12.402	95	437911	100.832	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 201.660%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	280742	95.668	ug/l	99
3) Chloromethane	2.068	50	364659	87.270	ug/l	99
4) Vinyl Chloride	2.202	62	468044	91.152	ug/l	100
5) Bromomethane	2.586	94	381632	86.267	ug/l	98
6) Chloroethane	2.733	64	317008	90.651	ug/l	98
7) Trichlorofluoromethane	3.050	101	634632	93.728	ug/l	97
8) Diethyl Ether	3.452	74	169496	96.177	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	342220	93.171	ug/l	99
10) Methyl Iodide	4.001	142	448644	105.498	ug/l	100
11) Tert butyl alcohol	4.872	59	79446	454.915	ug/l	97
12) 1,1-Dichloroethene	3.787	96	335292	97.935	ug/l	98
13) Acrolein	3.647	56	137299	438.034	ug/l	97
14) Allyl chloride	4.379	41	395924	99.318	ug/l	99
15) Acrylonitrile	5.055	53	303243	470.017	ug/l	100
16) Acetone	3.873	43	198486	497.873	ug/l	92
17) Carbon Disulfide	4.104	76	1044296	95.665	ug/l	99
18) Methyl Acetate	4.385	43	142939	96.193	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	785760	102.542	ug/l	97
20) Methylene Chloride	4.610	84	356477	88.623	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	376278	98.137	ug/l	97
22) Diisopropyl ether	6.019	45	895700	100.965	ug/l	98
23) Vinyl Acetate	5.958	43	2455946	513.679	ug/l	99
24) 1,1-Dichloroethane	5.909	63	589137	95.806	ug/l	98
25) 2-Butanone	6.890	43	342128	471.826	ug/l	99
26) 2,2-Dichloropropane	6.884	77	530549	98.439	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	436196	101.743	ug/l	100
28) Bromochloromethane	7.244	49	221300	92.652	ug/l	97
29) Tetrahydrofuran	7.262	42	228438	485.059	ug/l	96
30) Chloroform	7.421	83	659805	96.733	ug/l	100
31) Cyclohexane	7.701	56	502812	95.618	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	595919	96.568	ug/l	99
36) 1,1-Dichloropropene	7.835	75	466424	101.471	ug/l	99
37) Ethyl Acetate	6.982	43	158846	97.530	ug/l	98
38) Carbon Tetrachloride	7.817	117	554665	100.983	ug/l	97
39) Methylcyclohexane	9.109	83	621199	107.388	ug/l	98
40) Benzene	8.079	78	1466182	102.038	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021957.D
Acq On : 22 Apr 2025 15:52
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 23 02:12:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	84524	93.624	ug/l	#	89
42) 1,2-Dichloroethane	8.158	62	348314	97.908	ug/l		100
43) Isopropyl Acetate	8.195	43	319666	100.828	ug/l		98
44) Trichloroethene	8.866	130	401139	100.789	ug/l		99
45) 1,2-Dichloropropane	9.140	63	318648	100.279	ug/l		99
46) Dibromomethane	9.231	93	197509	99.293	ug/l		99
47) Bromodichloromethane	9.420	83	507797	102.188	ug/l		99
48) Methyl methacrylate	9.219	41	155528	106.117	ug/l		97
49) 1,4-Dioxane	9.231	88	43176	2036.490	ug/l		99
51) 4-Methyl-2-Pentanone	9.999	43	859904	517.403	ug/l		99
52) Toluene	10.170	92	986553	106.068	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	452714	106.213	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	532092	105.017	ug/l		99
55) 1,1,2-Trichloroethane	10.573	97	267477	100.667	ug/l		99
56) Ethyl methacrylate	10.438	69	343556	113.068	ug/l		100
57) 1,3-Dichloropropane	10.713	76	432340	101.498	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	796991	536.469	ug/l		99
59) 2-Hexanone	10.762	43	573925	523.558	ug/l		99
60) Dibromochloromethane	10.908	129	380014	103.302	ug/l		99
61) 1,2-Dibromoethane	11.012	107	256079	102.087	ug/l		98
64) Tetrachloroethene	10.646	164	446995	98.761	ug/l		99
65) Chlorobenzene	11.438	112	1092542	101.831	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	384924	101.907	ug/l		99
67) Ethyl Benzene	11.518	91	1909638	108.806	ug/l		100
68) m/p-Xylenes	11.627	106	1528954	218.926	ug/l		98
69) o-Xylene	11.956	106	716652	111.334	ug/l		99
70) Styrene	11.969	104	1220634	112.940	ug/l		99
71) Bromoform	12.133	173	226072	102.945	ug/l	#	98
73) Isopropylbenzene	12.255	105	1848306	108.944	ug/l		99
74) N-amyl acetate	12.066	43	312577	107.236	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	281769	98.509	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	207056m	92.537	ug/l		
77) Bromobenzene	12.530	156	451913	105.415	ug/l		98
78) n-propylbenzene	12.597	91	2162620	107.039	ug/l		99
79) 2-Chlorotoluene	12.676	91	1236457	105.231	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	1512269	108.183	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	91833	101.673	ug/l		97
82) 4-Chlorotoluene	12.773	91	1280377	104.825	ug/l		99
83) tert-Butylbenzene	12.993	119	1383923	110.389	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	1537175	109.940	ug/l		99
85) sec-Butylbenzene	13.176	105	1979821	107.920	ug/l		100
86) p-Isopropyltoluene	13.292	119	1719877	110.405	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	908577	104.350	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	880300	102.083	ug/l		99
89) n-Butylbenzene	13.615	91	1511238	108.535	ug/l		99
90) Hexachloroethane	13.877	117	349860	102.221	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	780600	102.789	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	43006	94.503	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	492590	114.465	ug/l		100
94) Hexachlorobutadiene	15.023	225	281711	106.397	ug/l		99
95) Naphthalene	15.145	128	858079	120.033	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	420859	113.294	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021957.D
Acq On : 22 Apr 2025 15:52
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:12:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

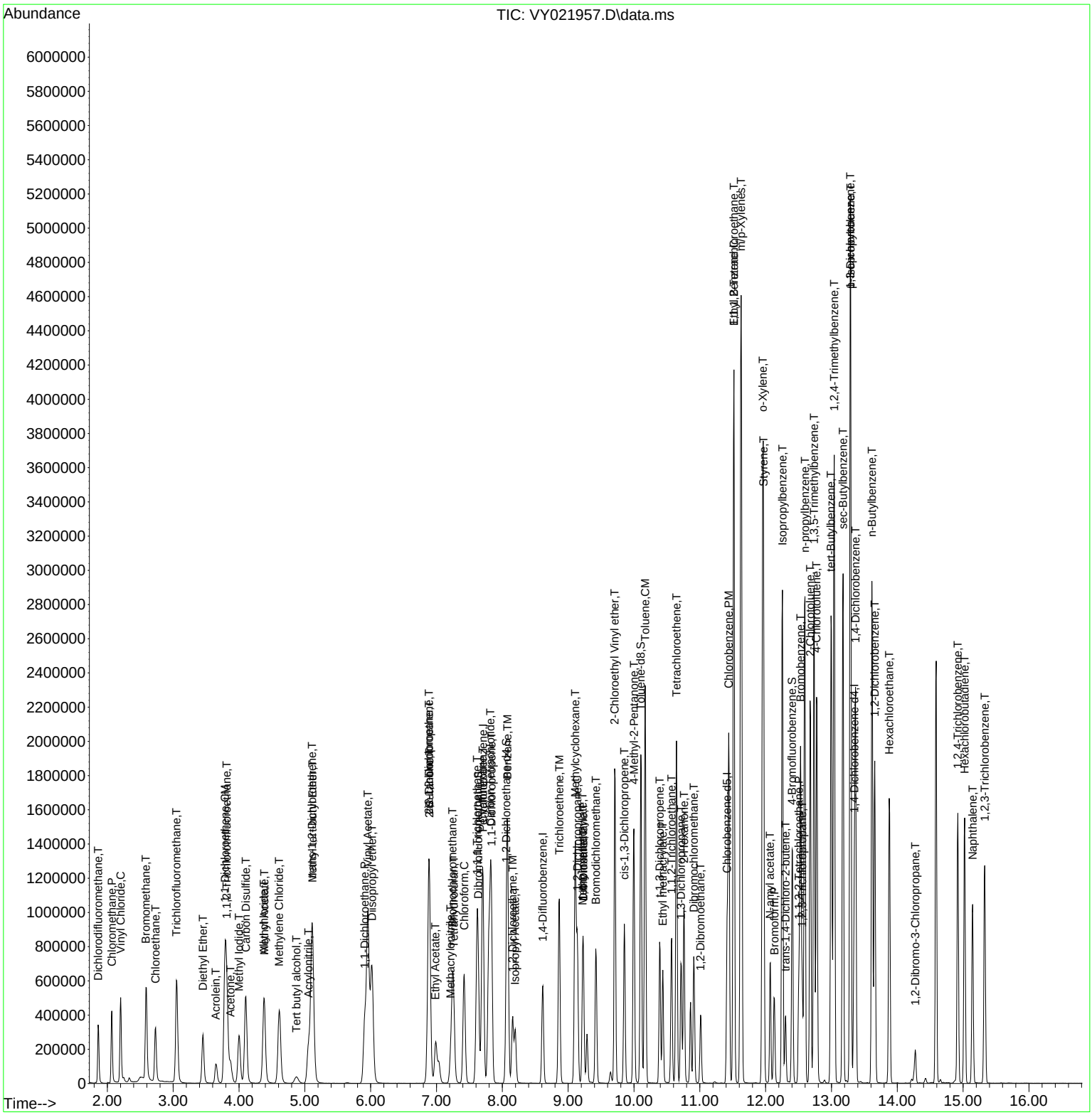
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021957.D
Acq On : 22 Apr 2025 15:52
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

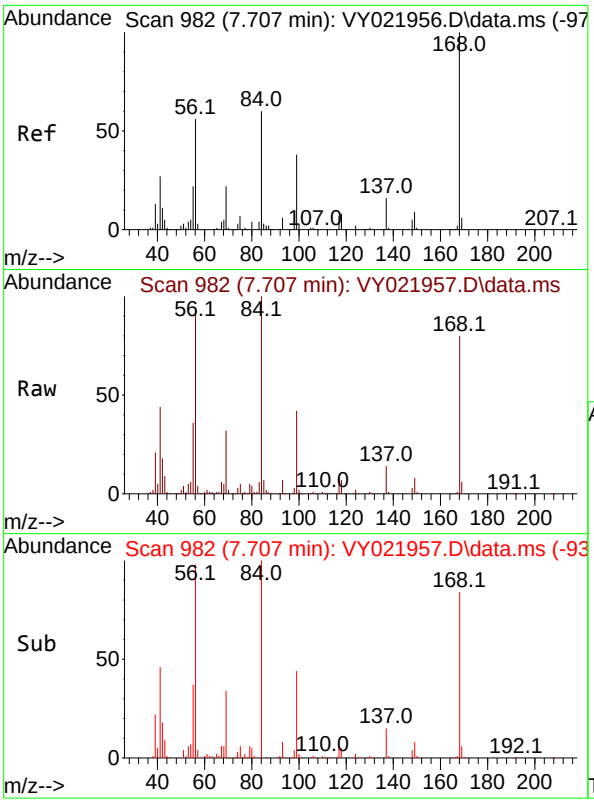
Quant Time: Apr 23 02:12:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

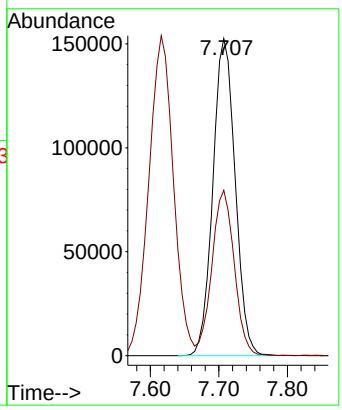




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:168 Resp: 34439

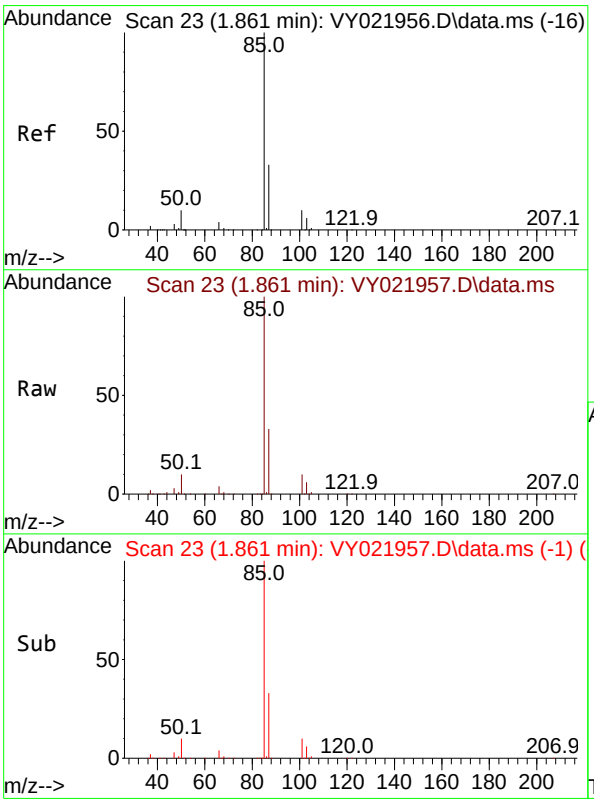
Ion	Ratio	Lower	Upper
168	100		
99	52.1	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

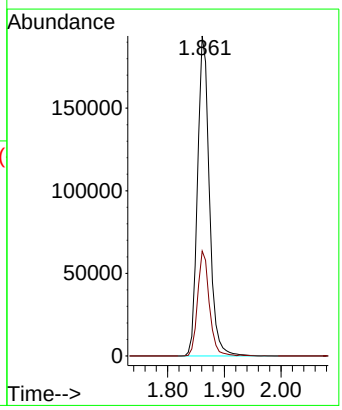
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

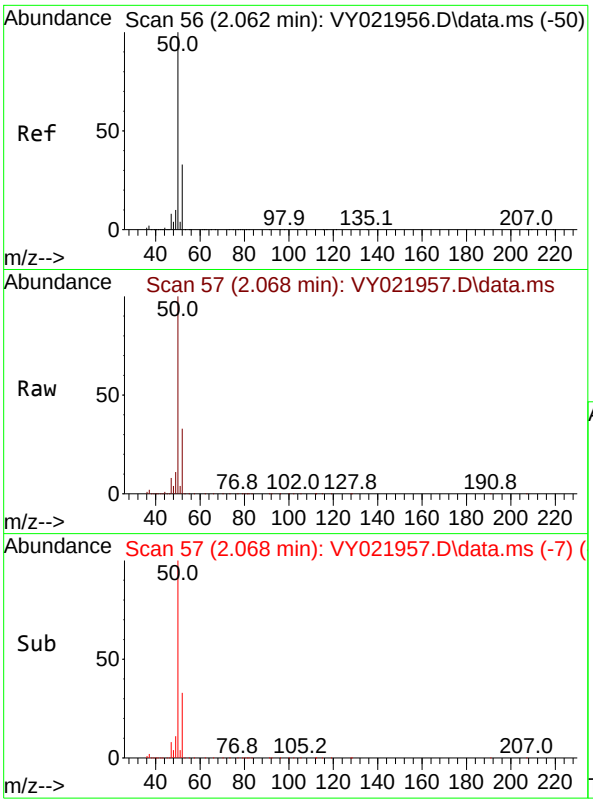


#2
Dichlorodifluoromethane
Concen: 95.668 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 85 Resp: 280742

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.6	49.7

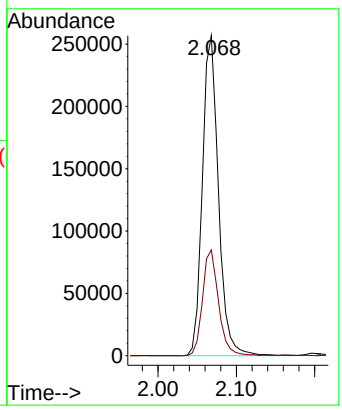




#3
Chloromethane
Concen: 87.270 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 50 Resp: 36465

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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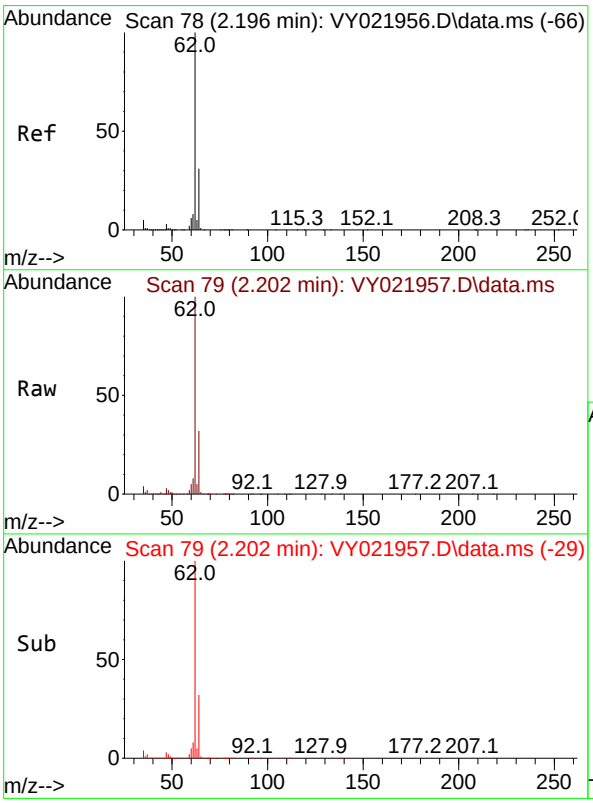
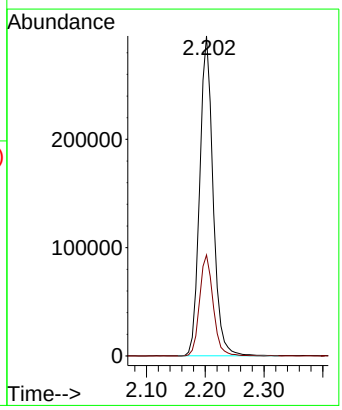
Supervised By :Mahesh Dadoda 04/23/2025

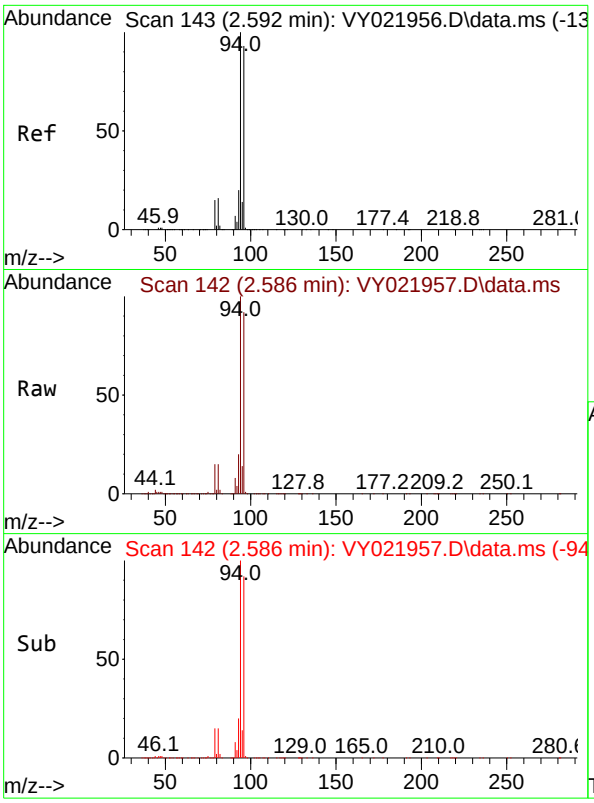


#4
Vinyl Chloride
Concen: 91.152 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 62 Resp: 468044

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.1	37.7

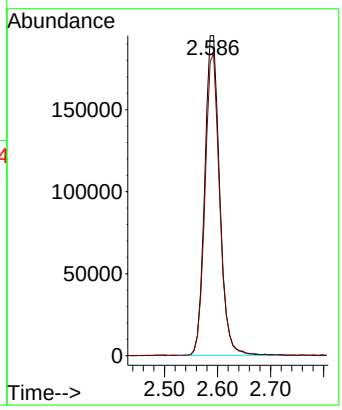




#5
Bromomethane
Concen: 86.267 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 94 Resp: 38163

Ion	Ratio	Lower	Upper
94	100		
96	91.7	74.6	111.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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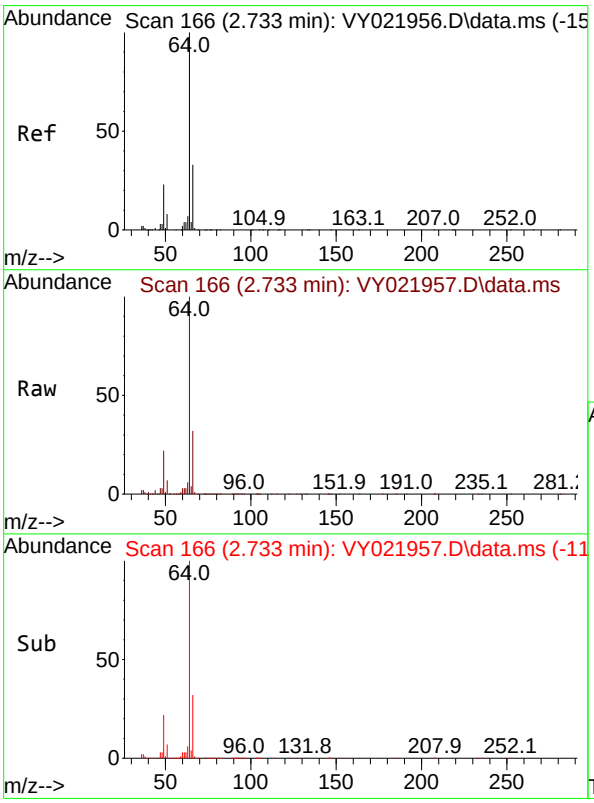
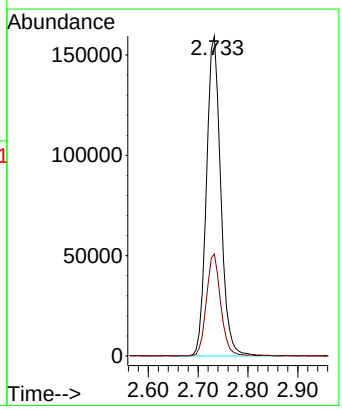
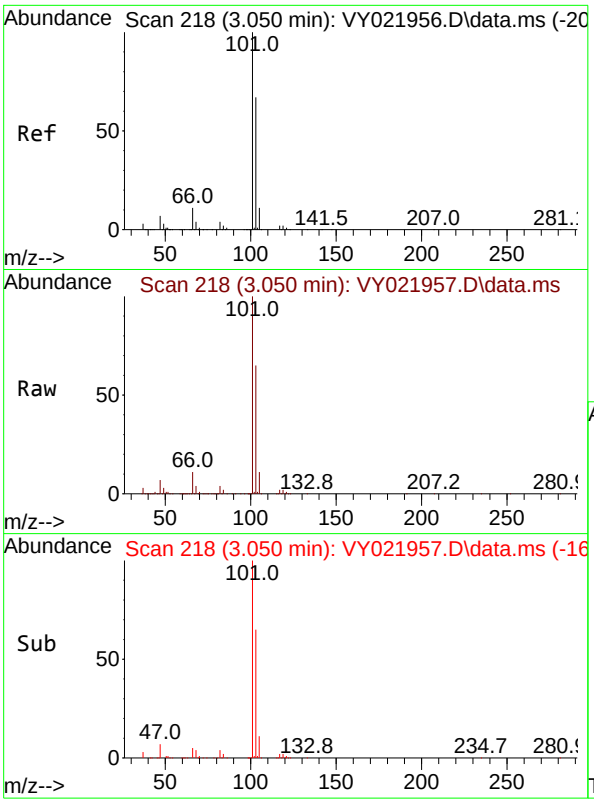


#6
Chloroethane
Concen: 90.651 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 64 Resp: 317008

Ion	Ratio	Lower	Upper
64	100		
66	31.9	26.2	39.4

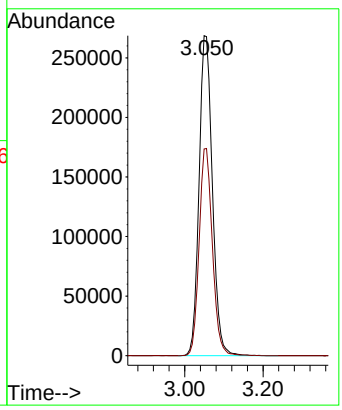




#7
Trichlorofluoromethane
Concen: 93.728 ug/l
RT: 3.050 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:101 Resp: 63463

Ion	Ratio	Lower	Upper
101	100		
103	64.6	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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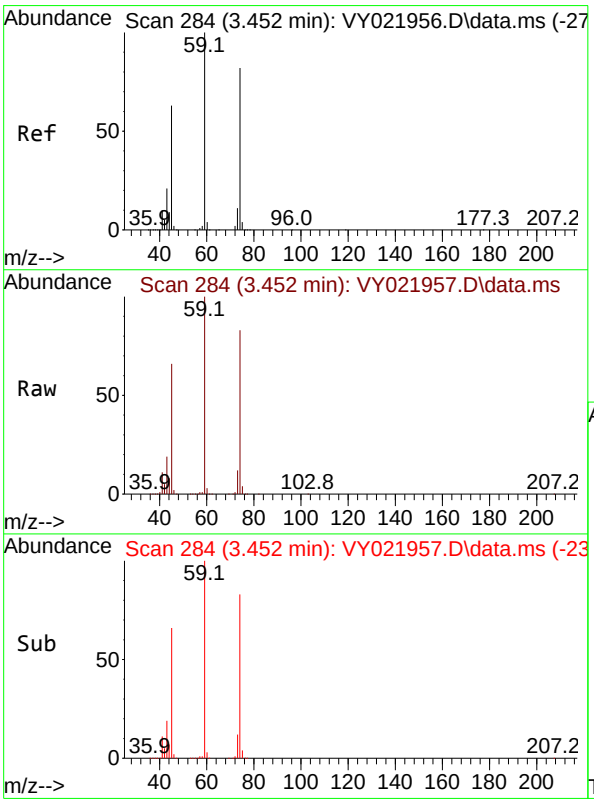
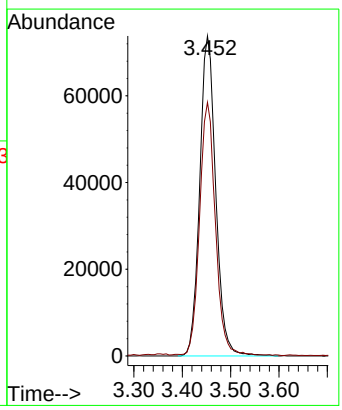
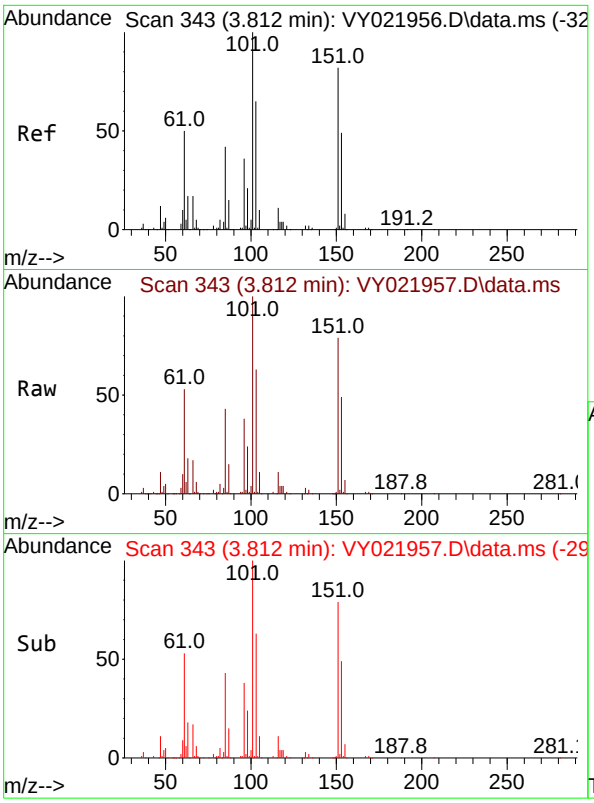


#8
Diethyl Ether
Concen: 96.177 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 74 Resp: 169496

Ion	Ratio	Lower	Upper
74	100		
45	77.7	39.1	117.5

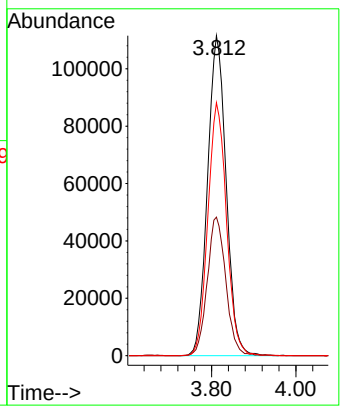




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.171 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:101 Resp: 34222(

Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.6	51.8
151	78.9	63.7	95.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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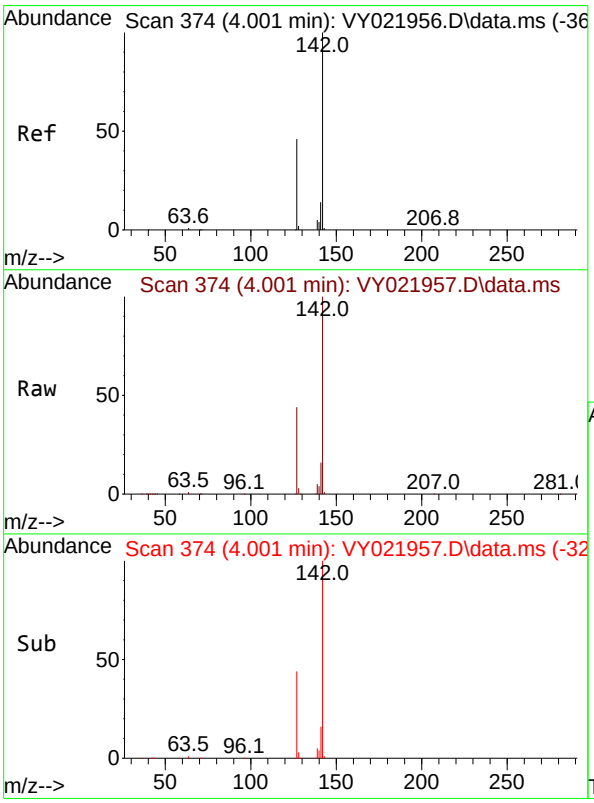
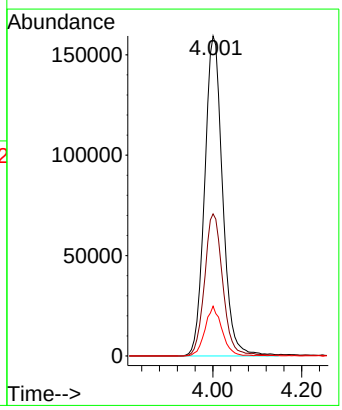
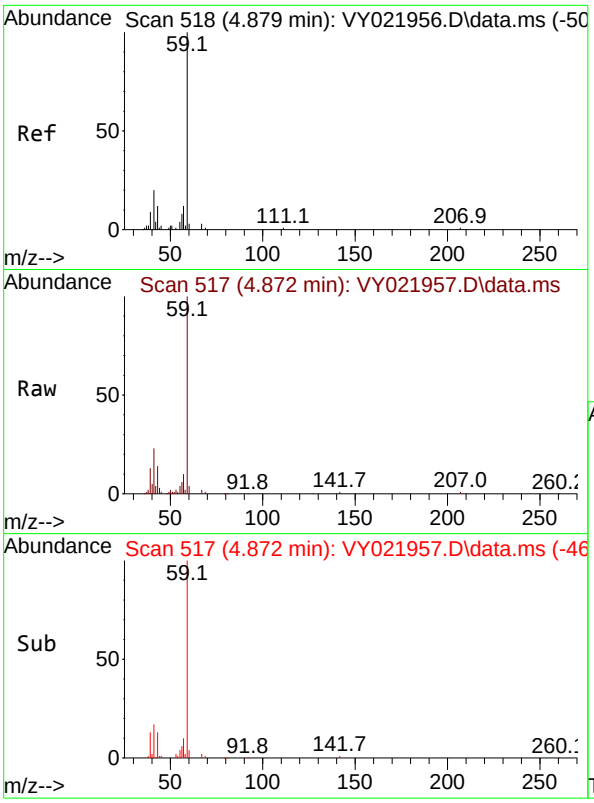


#10
Methyl Iodide
Concen: 105.498 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:142 Resp: 448644

Ion	Ratio	Lower	Upper
142	100		
127	45.0	36.2	54.2
141	14.6	11.7	17.5

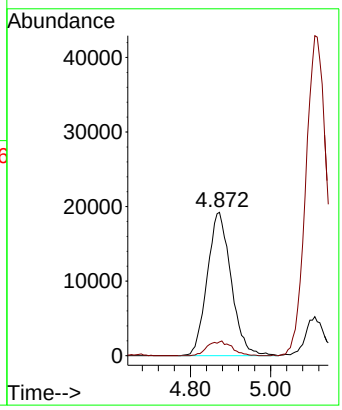




#11
Tert butyl alcohol
Concen: 454.915 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 59 Resp: 7944

Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.3	13.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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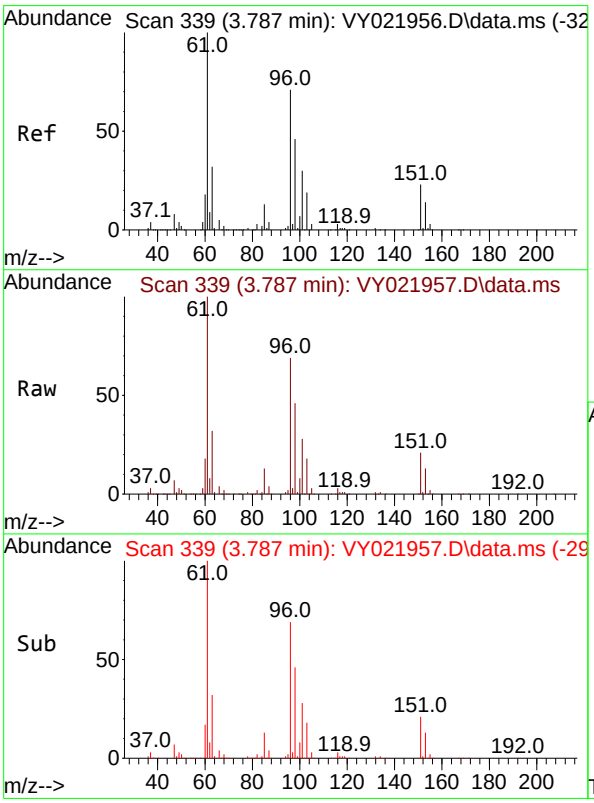
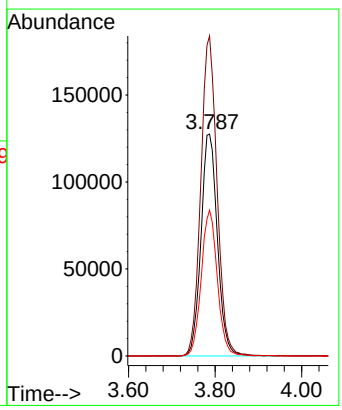
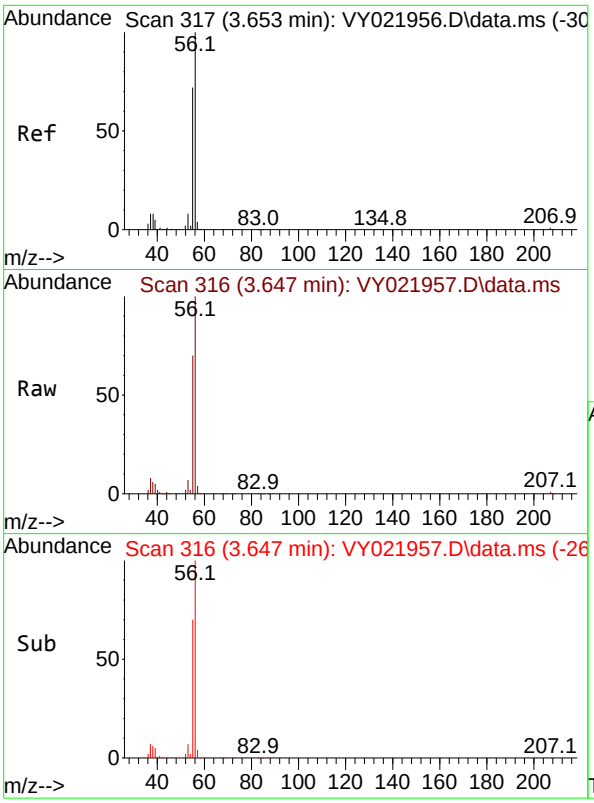


#12
1,1-Dichloroethene
Concen: 97.935 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 96 Resp: 335292

Ion	Ratio	Lower	Upper
96	100		
61	144.2	113.0	169.4
98	65.7	51.4	77.2

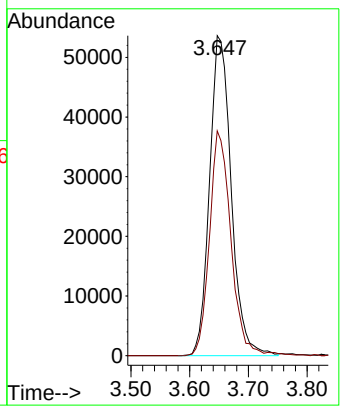




#13
Acrolein
Concen: 438.034 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 56 Resp: 13729

Ion	Ratio	Lower	Upper
56	100		
55	69.1	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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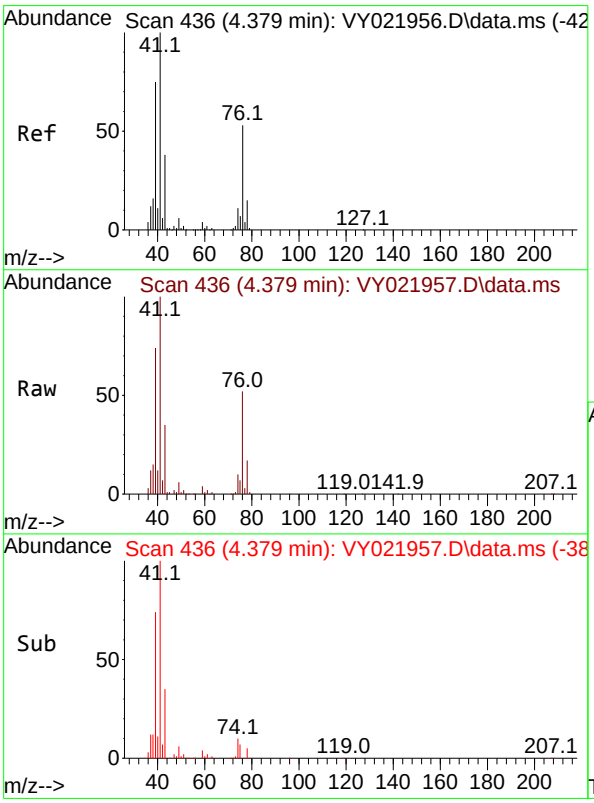
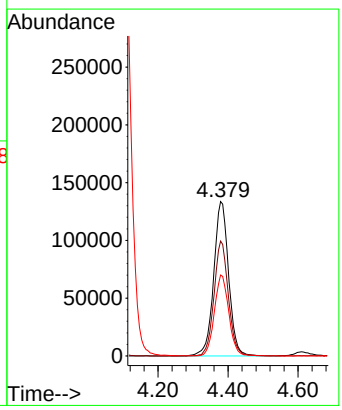
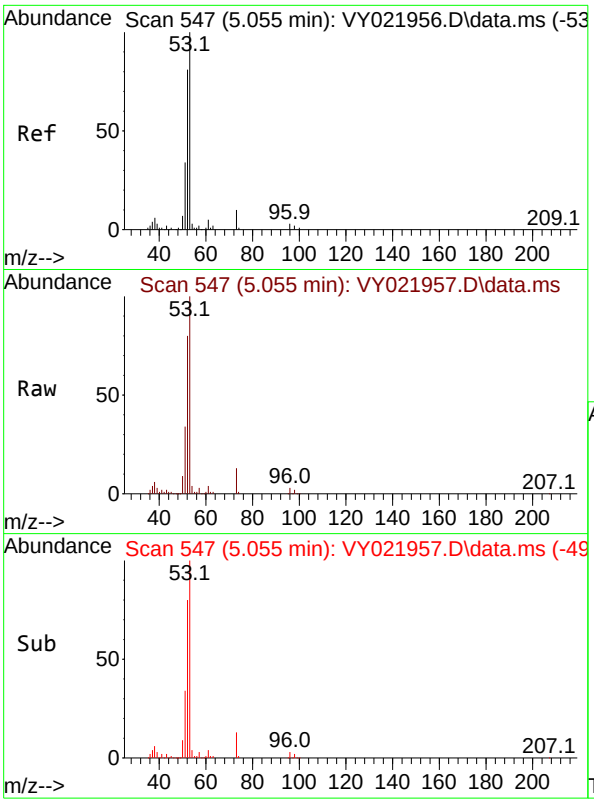


#14
Allyl chloride
Concen: 99.318 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 41 Resp: 395924

Ion	Ratio	Lower	Upper
41	100		
39	71.7	57.2	85.8
76	50.5	39.7	59.5





#15
Acrylonitrile
Concen: 470.017 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 53 Resp: 30324

Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.0	97.6
51	36.1	28.9	43.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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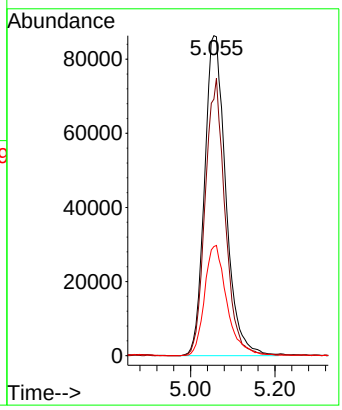
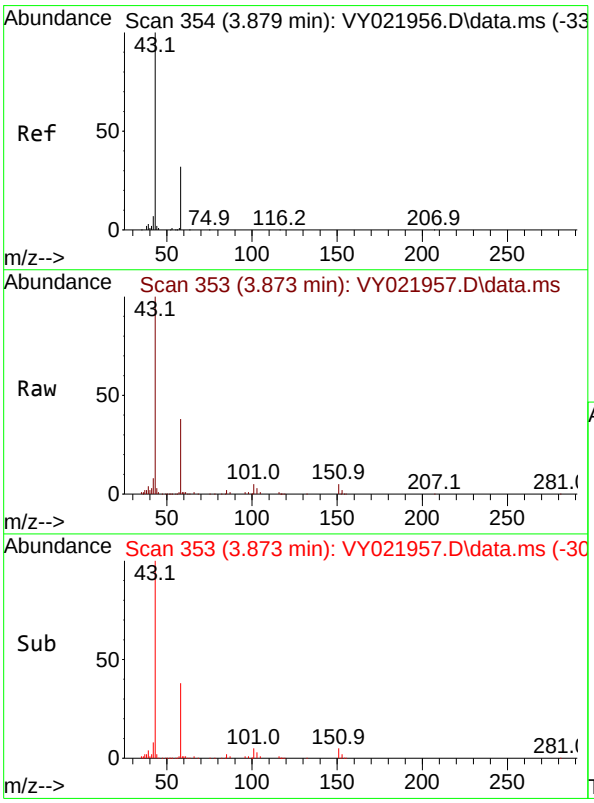
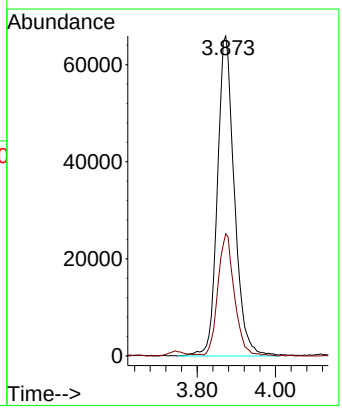


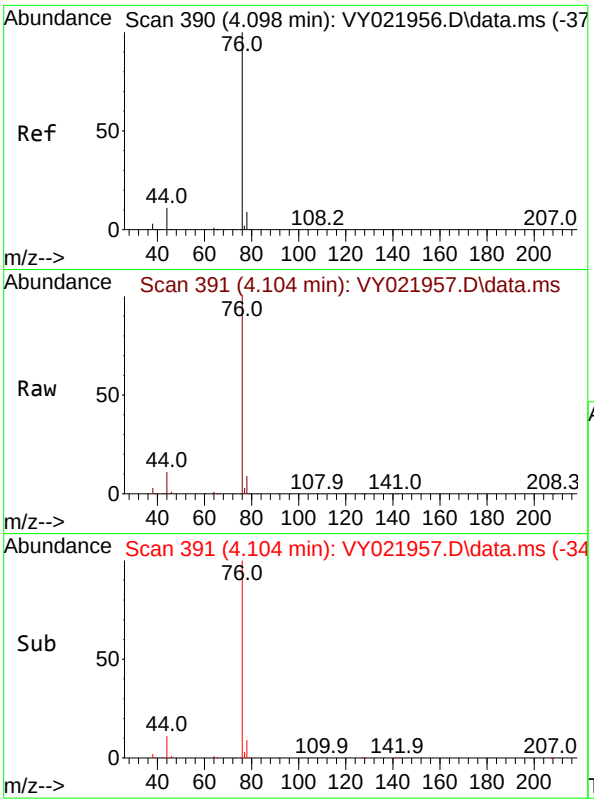


#16
Acetone
Concen: 497.873 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 198486

Ion	Ratio	Lower	Upper
43	100		
58	38.2	27.0	40.4

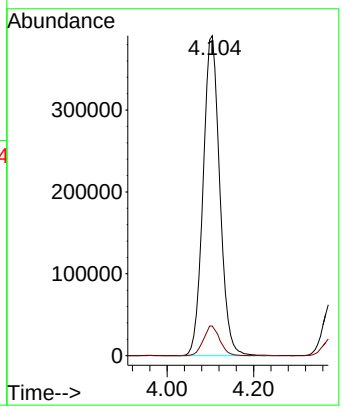




#17
Carbon Disulfide
Concen: 95.665 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 76 Resp: 104429

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.6	11.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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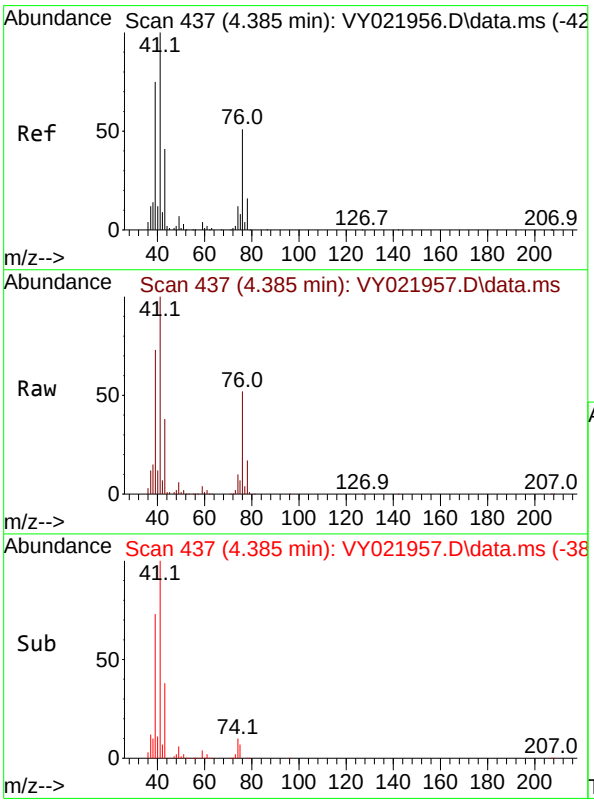
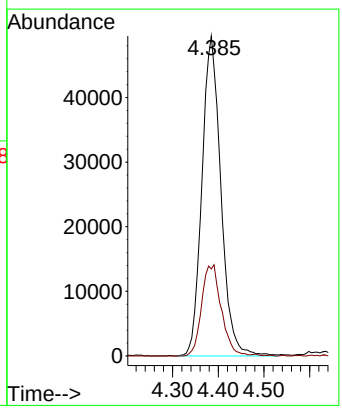
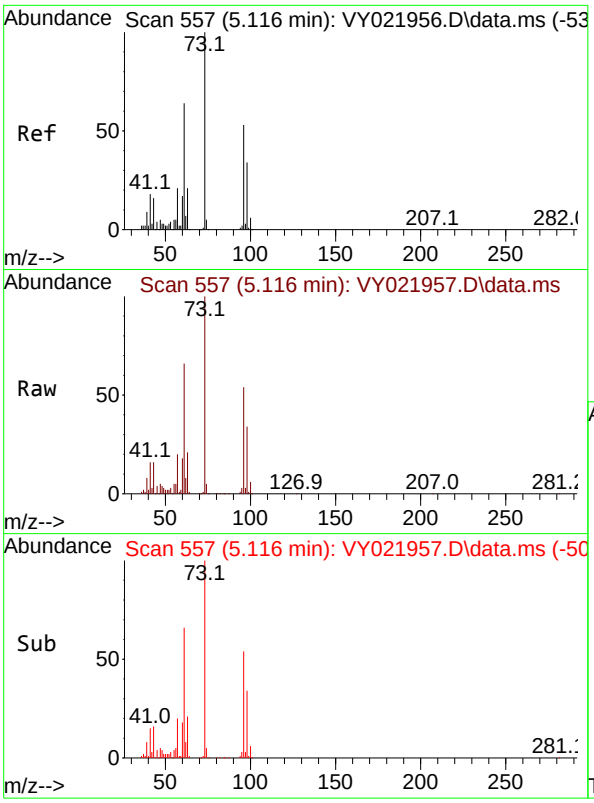


#18
Methyl Acetate
Concen: 96.193 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 142939

Ion	Ratio	Lower	Upper
43	100		
74	29.5	24.2	36.4

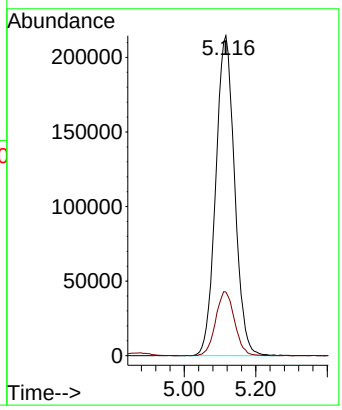




#19
Methyl tert-butyl Ether
Concen: 102.542 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 73 Resp: 78576

Ion	Ratio	Lower	Upper
73	100		
57	19.9	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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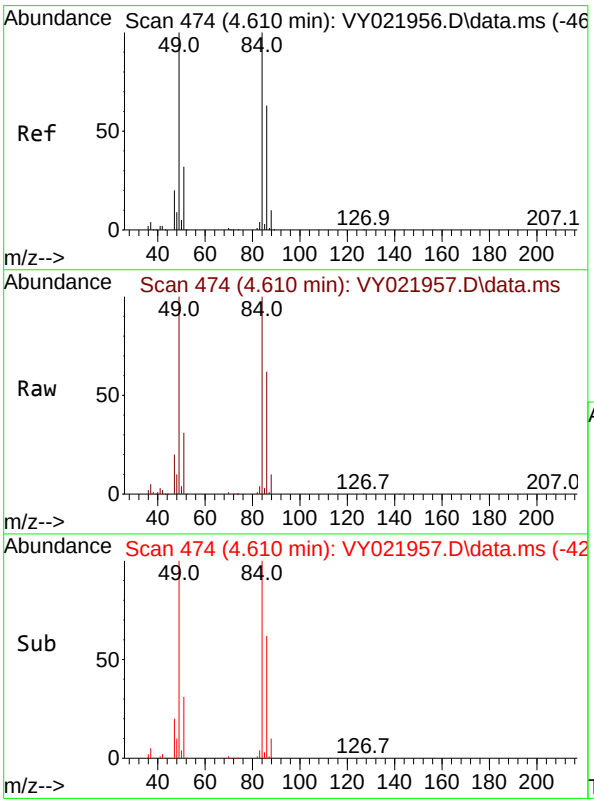
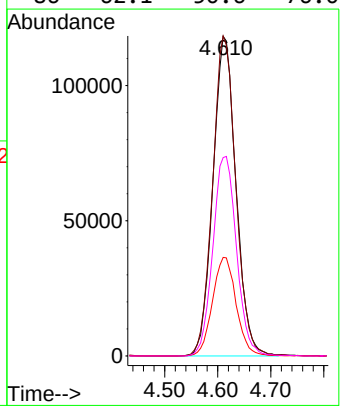
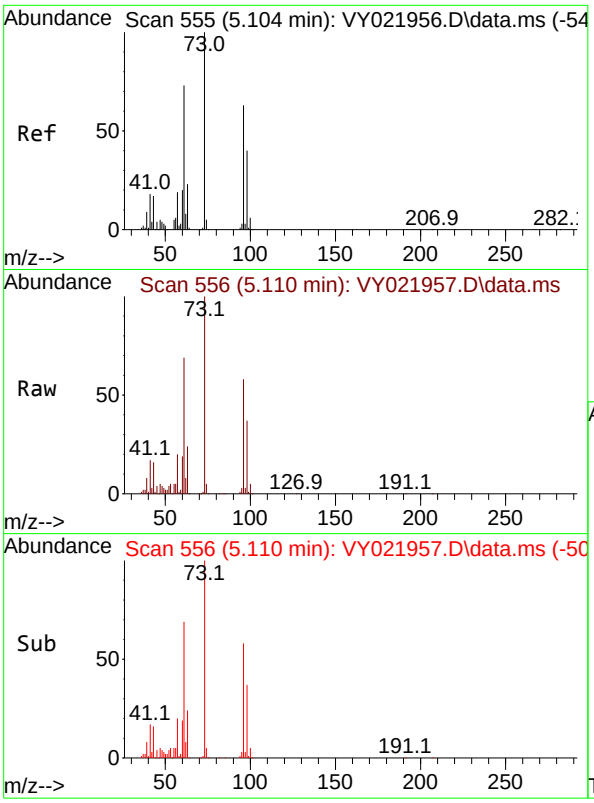


#20
Methylene Chloride
Concen: 88.623 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 84 Resp: 356477

Ion	Ratio	Lower	Upper
84	100		
49	100.1	79.9	119.9
51	30.8	25.4	38.0
86	62.1	50.6	76.0

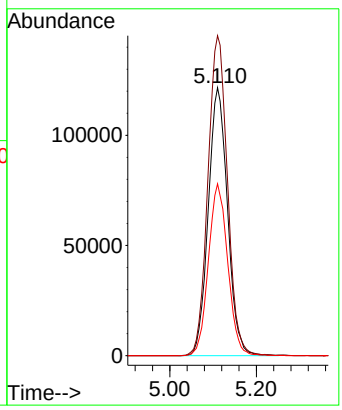




#21
trans-1,2-Dichloroethene
Concen: 98.137 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 96 Resp: 37627

Ion	Ratio	Lower	Upper
96	100		
61	119.4	92.6	138.8
98	64.1	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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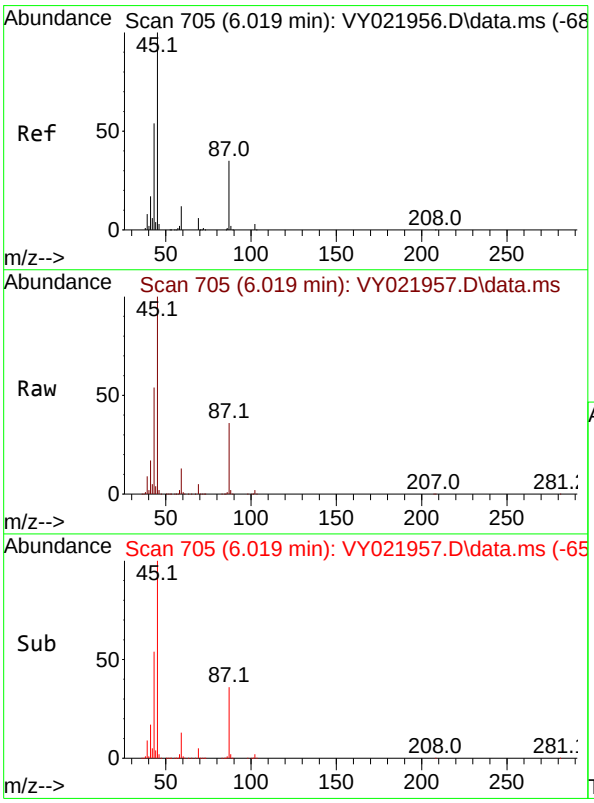
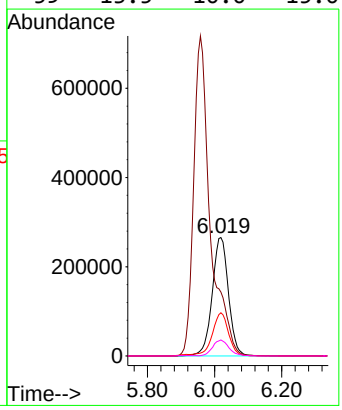
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

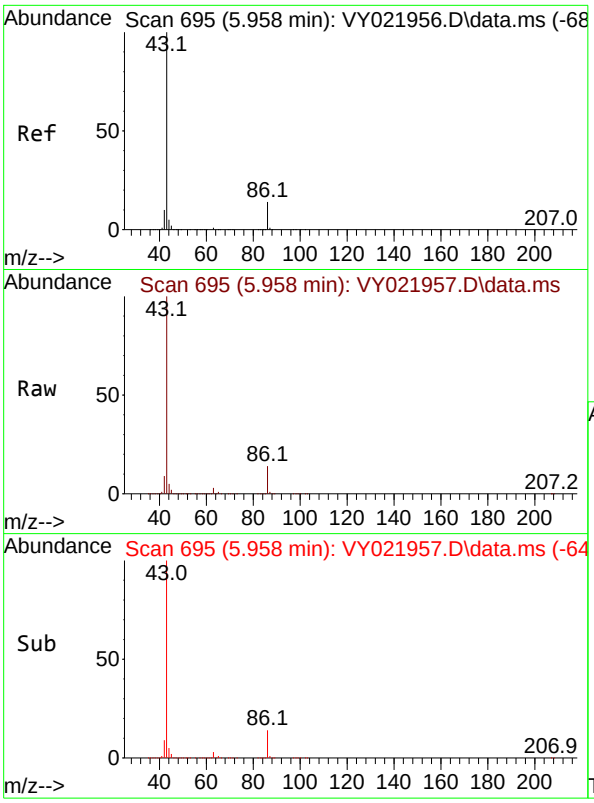


#22
Diisopropyl ether
Concen: 100.965 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 45 Resp: 895700

Ion	Ratio	Lower	Upper
45	100		
43	53.8	43.6	65.4
87	36.5	28.2	42.4
59	13.5	10.0	15.0

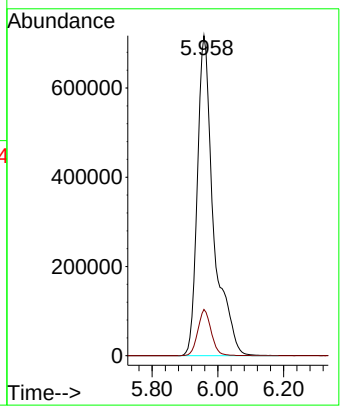




#23
Vinyl Acetate
Concen: 513.679 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 245594

Ion	Ratio	Lower	Upper
43	100		
86	14.5	11.1	16.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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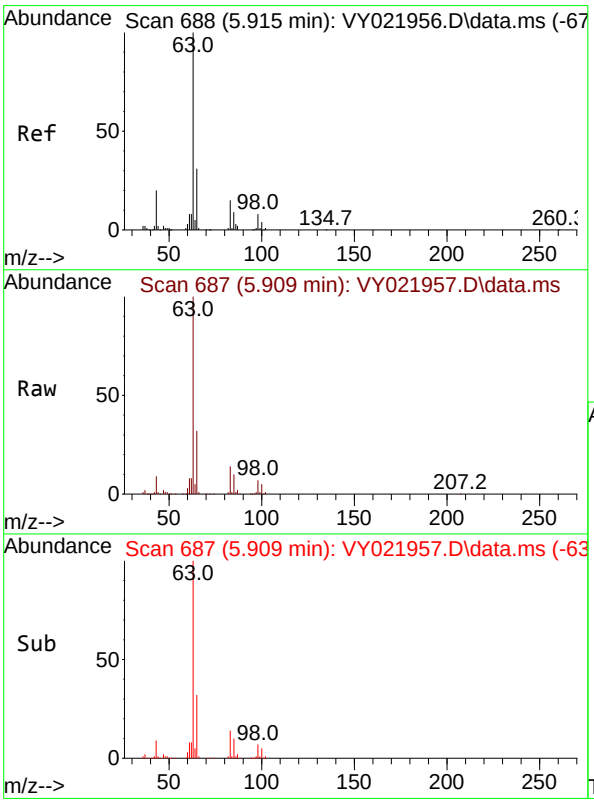
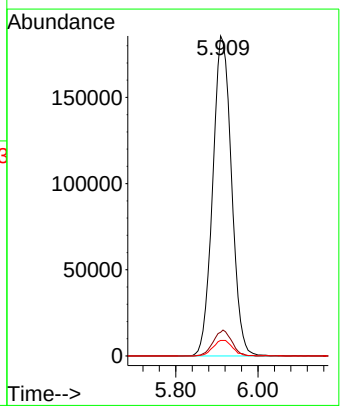
Supervised By :Mahesh Dadoda 04/23/2025

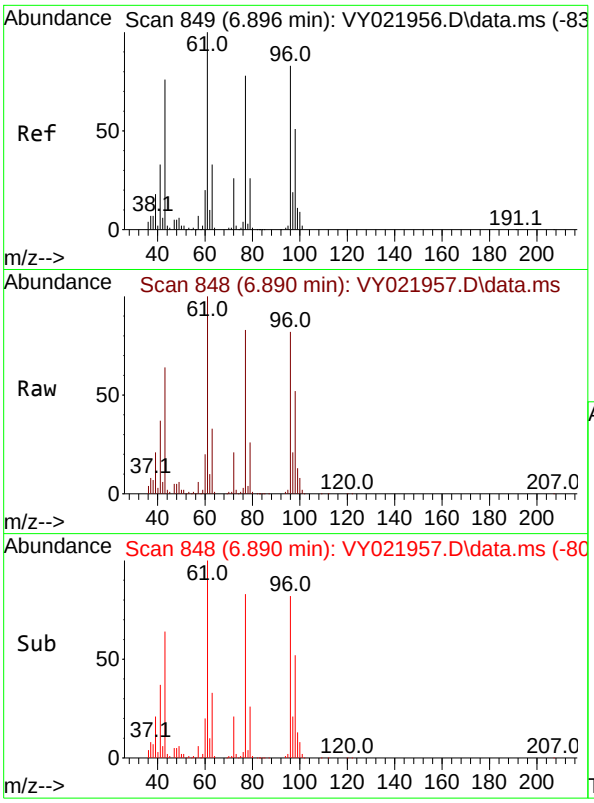


#24
1,1-Dichloroethane
Concen: 95.806 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 63 Resp: 589137

Ion	Ratio	Lower	Upper
63	100		
98	7.4	4.0	11.9
100	4.8	2.0	6.0

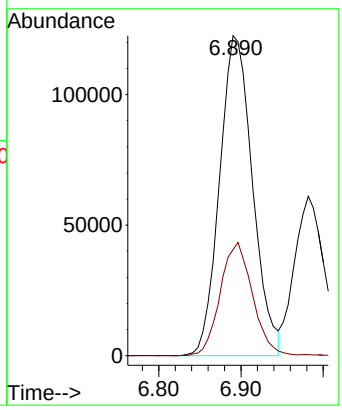




#25
2-Butanone
Concen: 471.826 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 34212

Ion	Ratio	Lower	Upper
43	100		
72	33.2	27.0	40.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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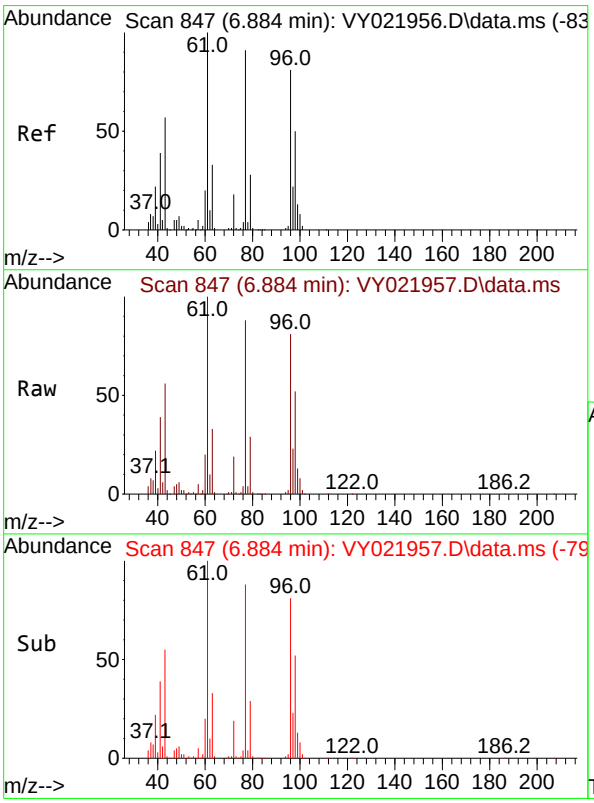
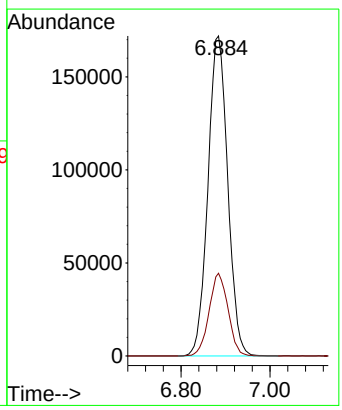
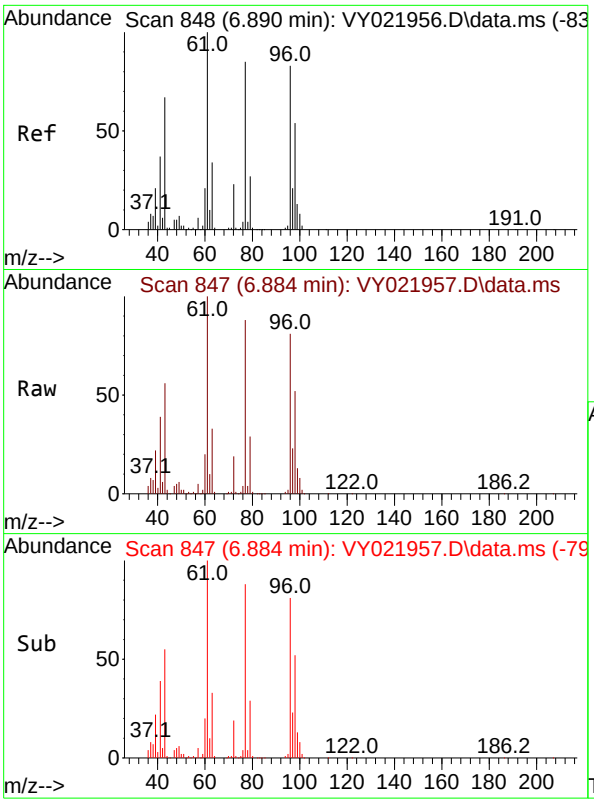


#26
2,2-Dichloropropane
Concen: 98.439 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 77 Resp: 530549

Ion	Ratio	Lower	Upper
77	100		
97	24.8	12.4	37.4

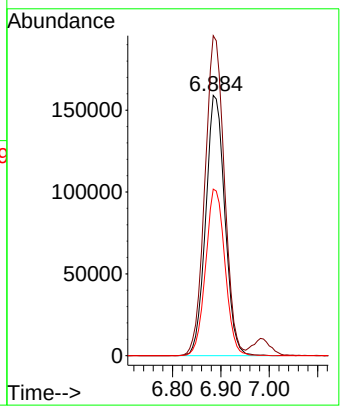




#27
cis-1,2-Dichloroethene
Concen: 101.743 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 96 Resp: 43619

Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	251.4
98	64.8	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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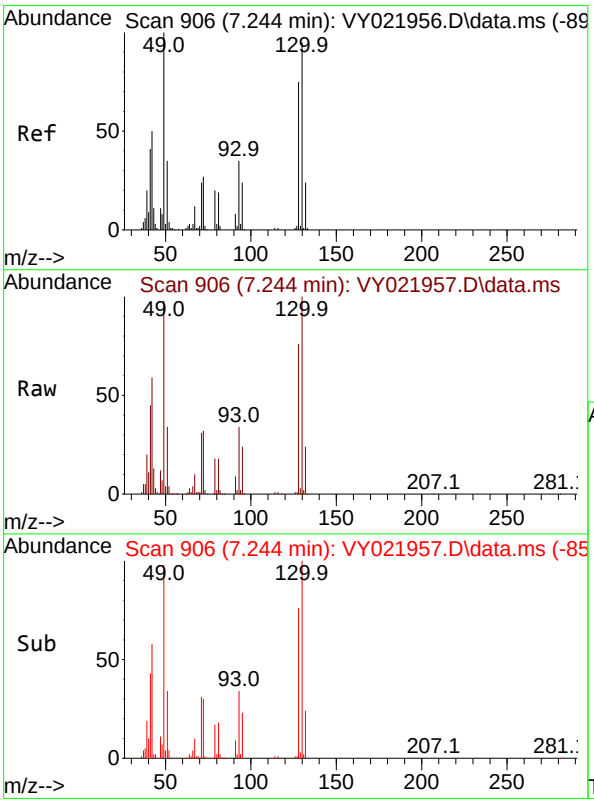
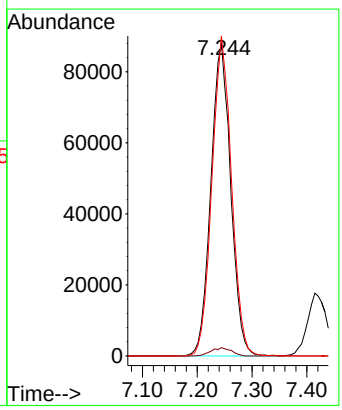
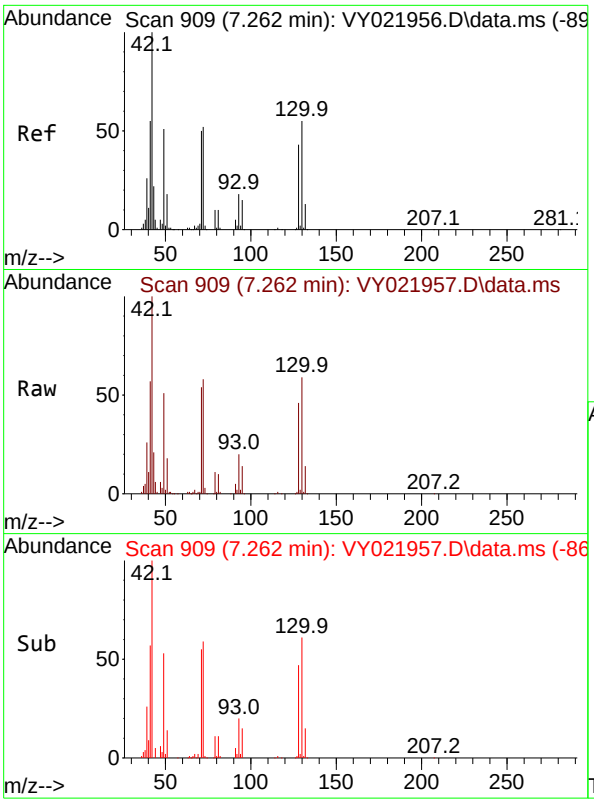


#28
Bromochloromethane
Concen: 92.652 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 49 Resp: 221300

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	100.7	78.2	117.4

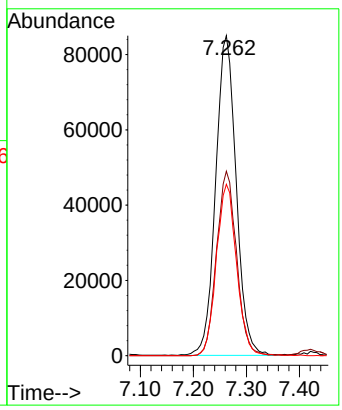




#29
Tetrahydrofuran
Concen: 485.059 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 42 Resp: 22843

Ion	Ratio	Lower	Upper
42	100		
72	56.3	42.6	63.8
71	52.8	40.6	61.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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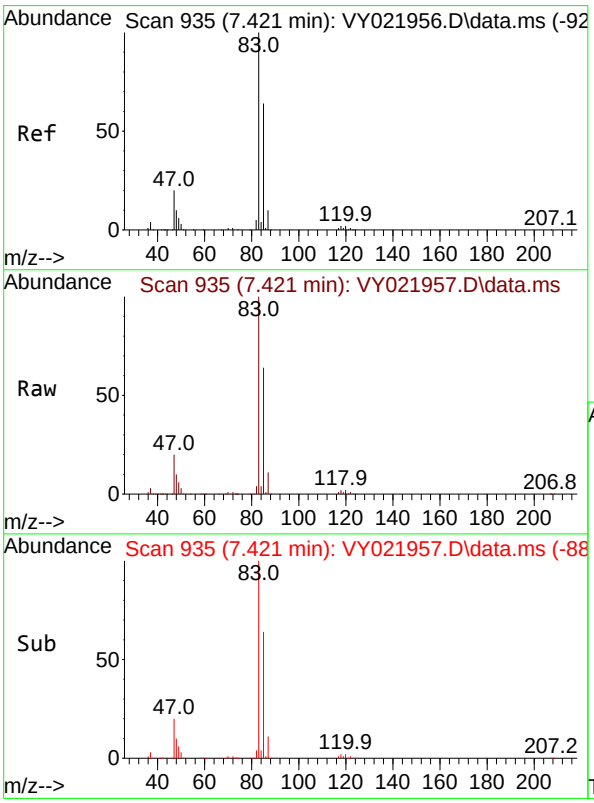
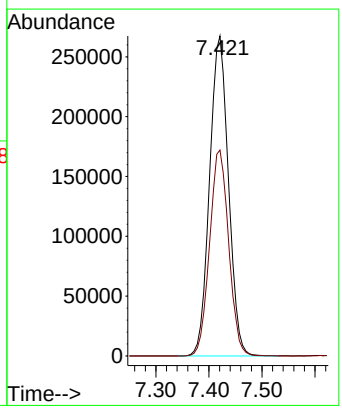
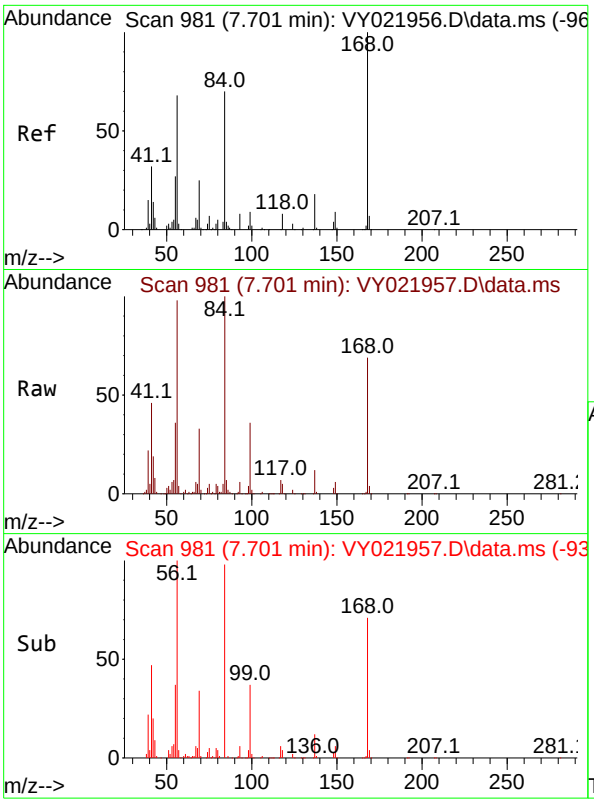


#30
Chloroform
Concen: 96.733 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 83 Resp: 659805

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.3	76.9

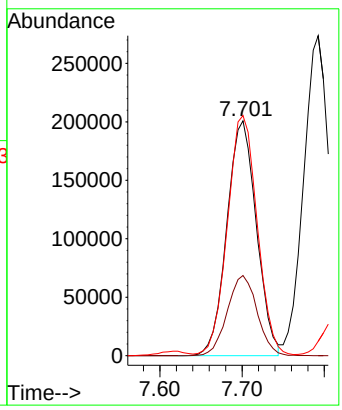




#31
Cyclohexane
Concen: 95.618 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 56 Resp: 50281

Ion	Ratio	Lower	Upper
56	100		
69	34.1	29.4	44.2
84	100.3	82.2	123.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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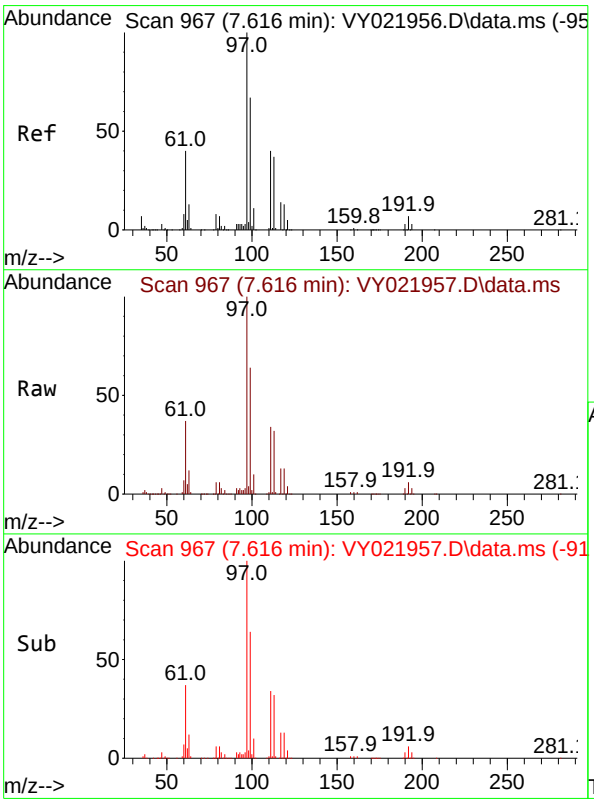
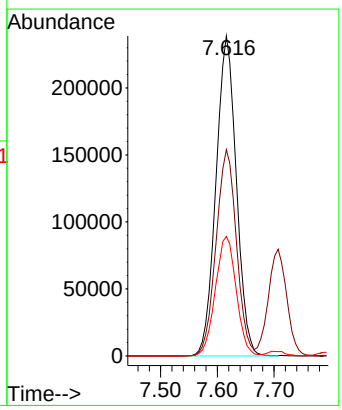
Supervised By :Mahesh Dadoda 04/23/2025

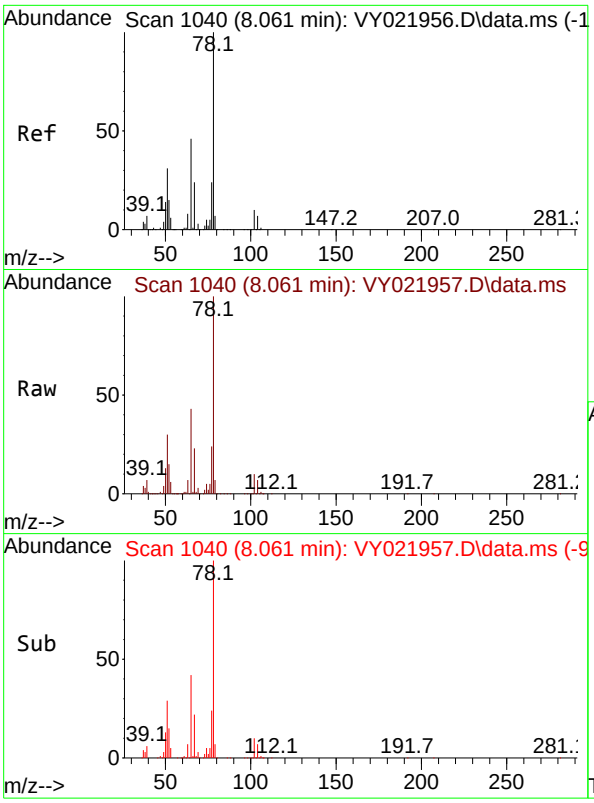


#32
1,1,1-Trichloroethane
Concen: 96.568 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 97 Resp: 595919

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	38.4	31.4	47.2

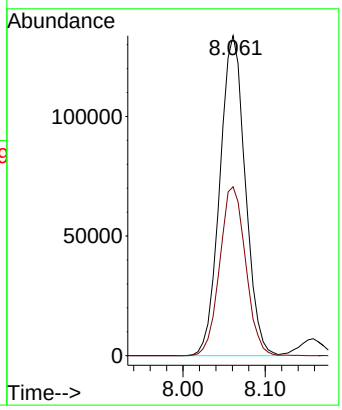




#33
1,2-Dichloroethane-d4
Concen: 90.454 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 65 Resp: 28774

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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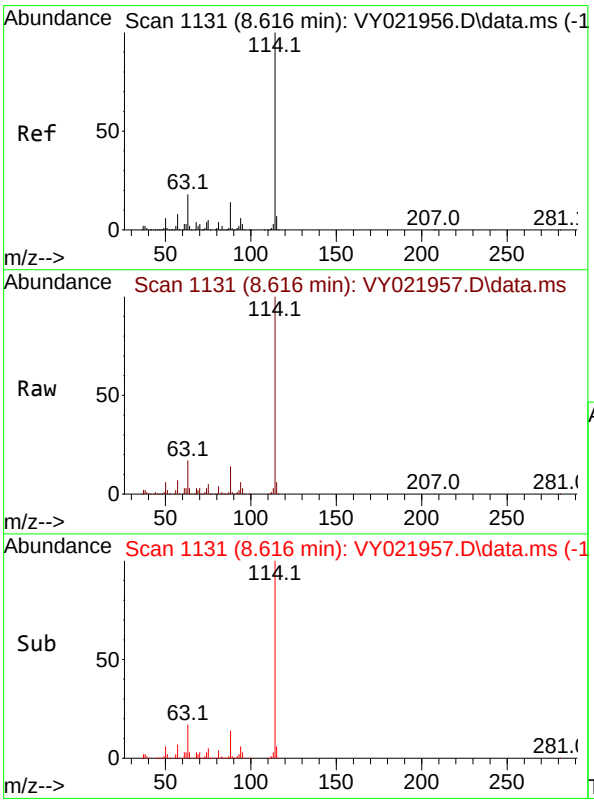
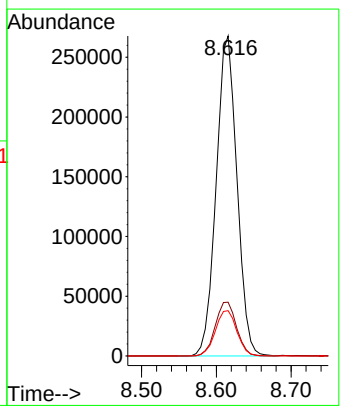
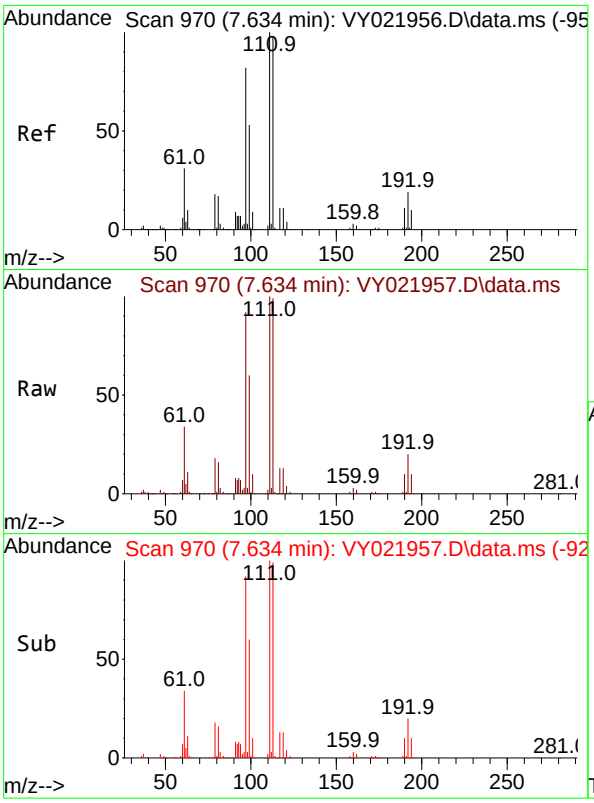


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:114 Resp: 517970

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	35.4
88	14.2	0.0	28.2





#35
Dibromofluoromethane
Concen: 96.430 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:113 Resp: 32998

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	19.7	15.6	23.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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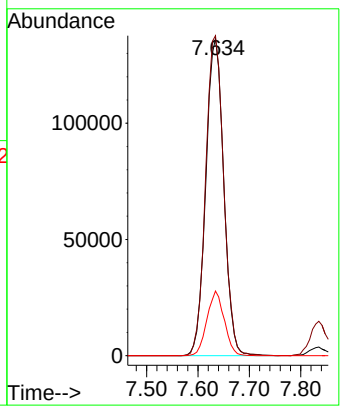
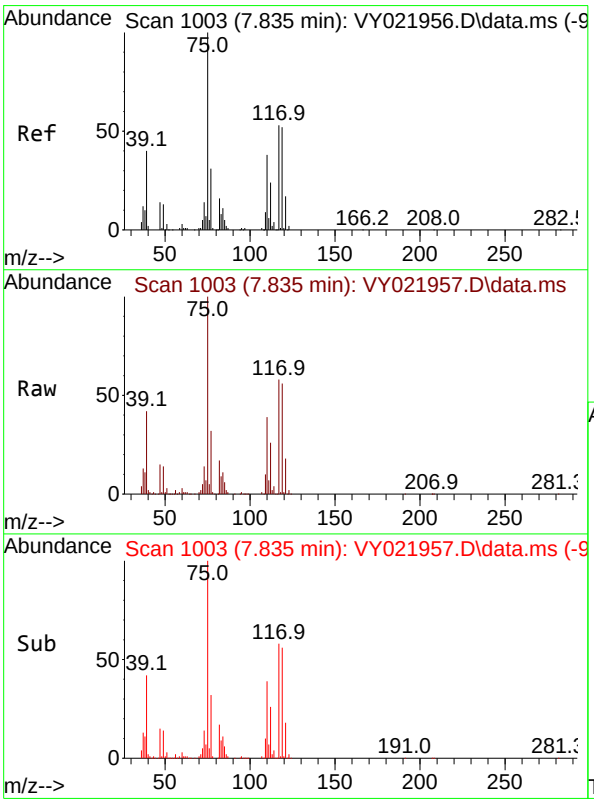
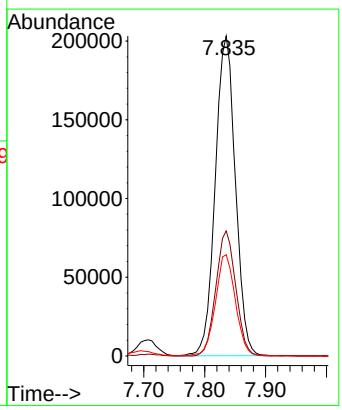


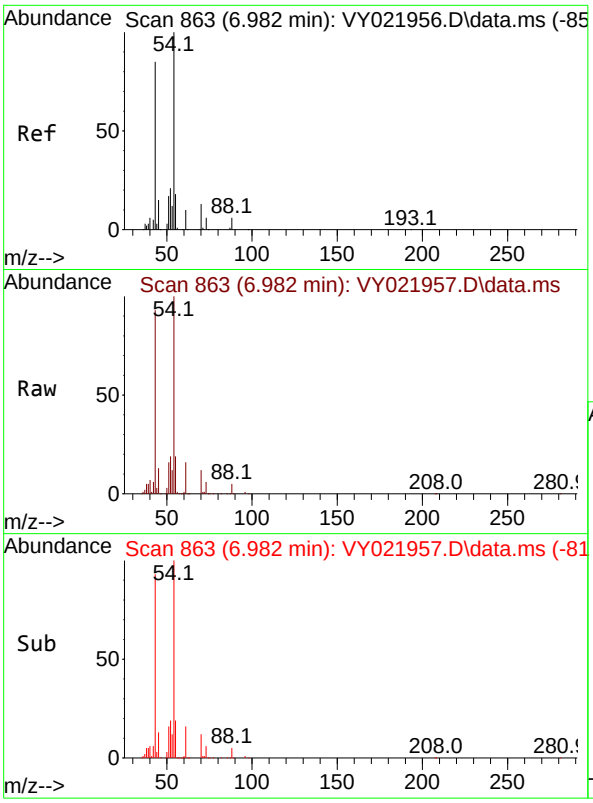


#36
1,1-Dichloropropene
Concen: 101.471 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 75 Resp: 466424

Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.1	57.3
77	31.5	25.5	38.3

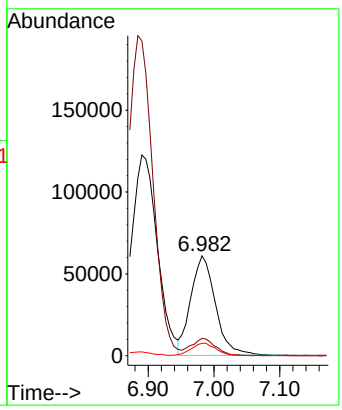




#37
Ethyl Acetate
Concen: 97.530 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 15884

Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.8	20.6
70	12.6	9.2	13.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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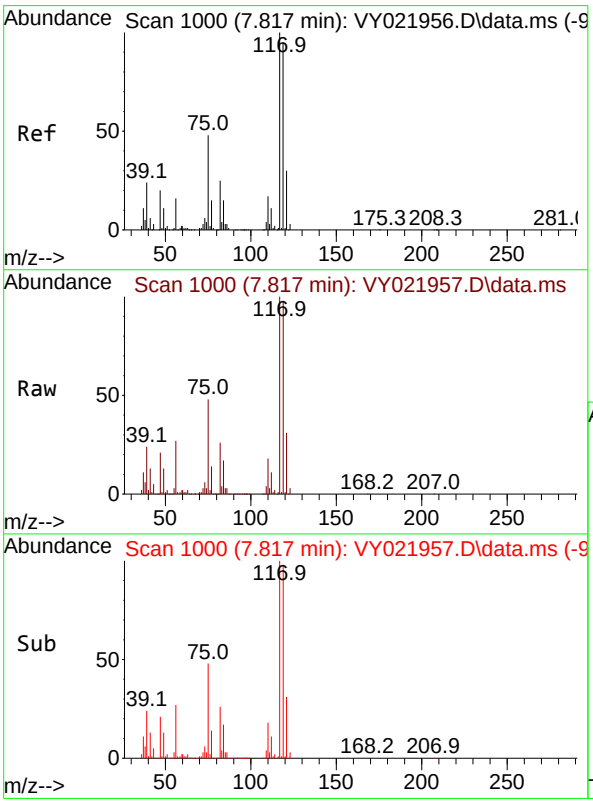
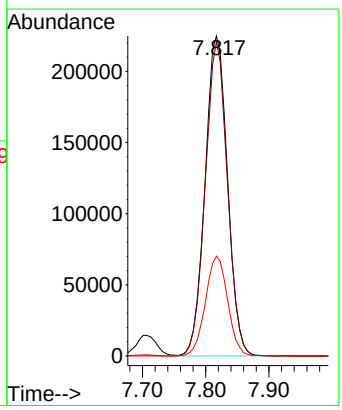
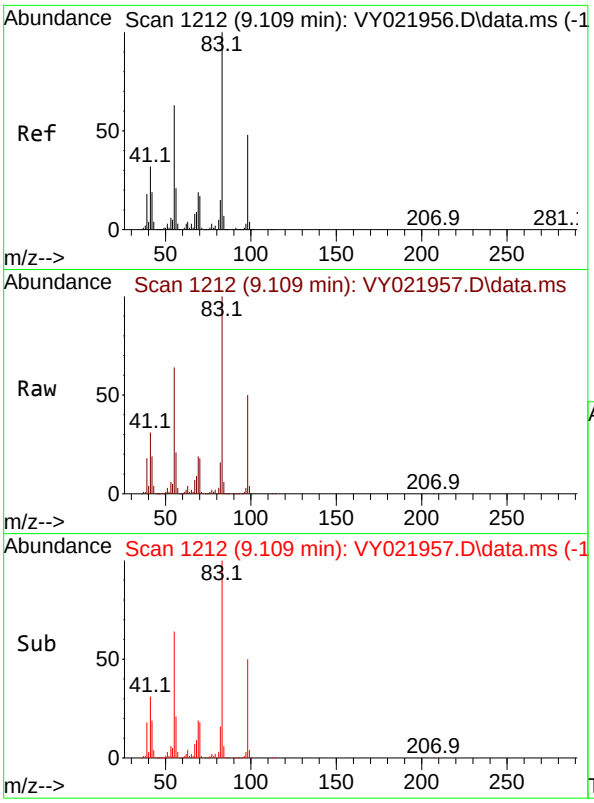


#38
Carbon Tetrachloride
Concen: 100.983 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:117 Resp: 554665

Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.2	114.4
121	31.2	24.0	36.0





#39
Methylcyclohexane
Concen: 107.388 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 83 Resp: 62119

Ion	Ratio	Lower	Upper
83	100		
55	63.7	50.6	75.8
98	50.2	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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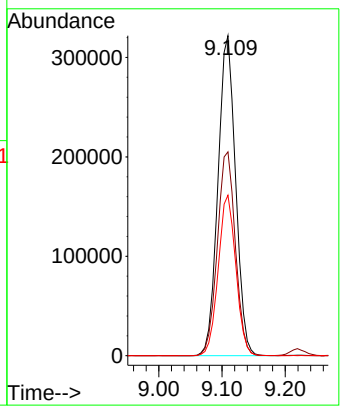
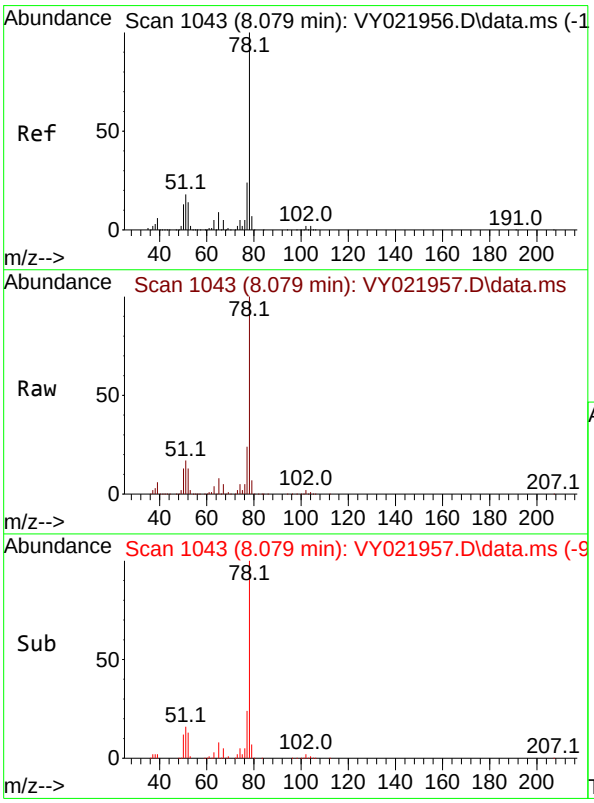
Supervised By :Mahesh Dadoda 04/23/2025

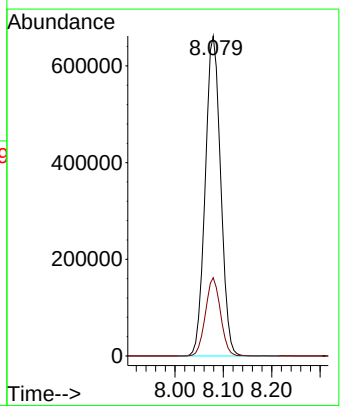


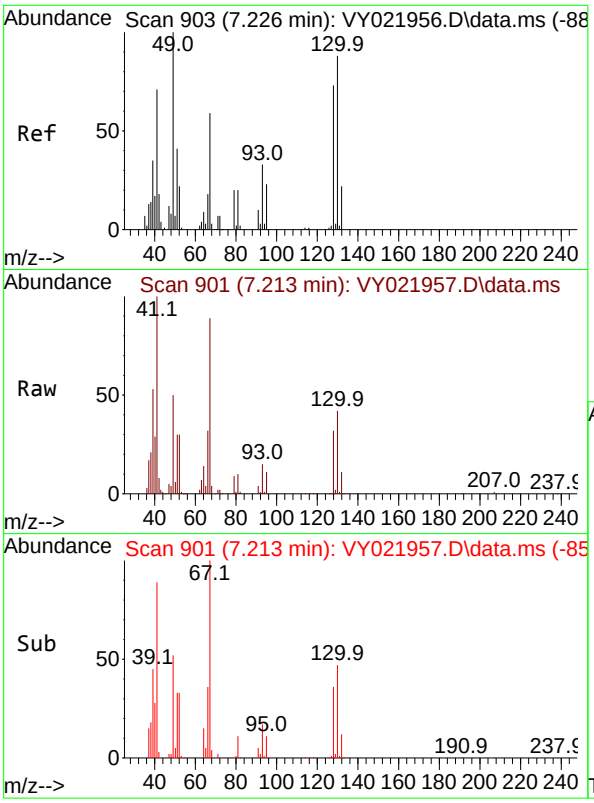


#40
Benzene
Concen: 102.038 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 78 Resp: 1466182

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

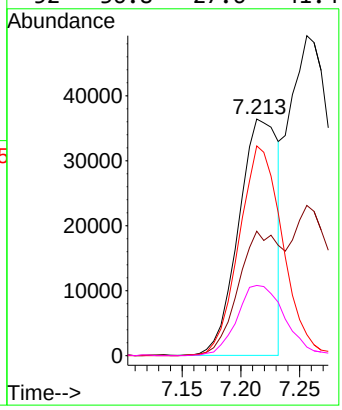




#41
Methacrylonitrile
Concen: 93.624 ug/l
RT: 7.213 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 41 Resp: 8452

Ion	Ratio	Lower	Upper
41	100		
39	59.6	36.6	55.0
67	99.3	72.2	108.4
52	36.8	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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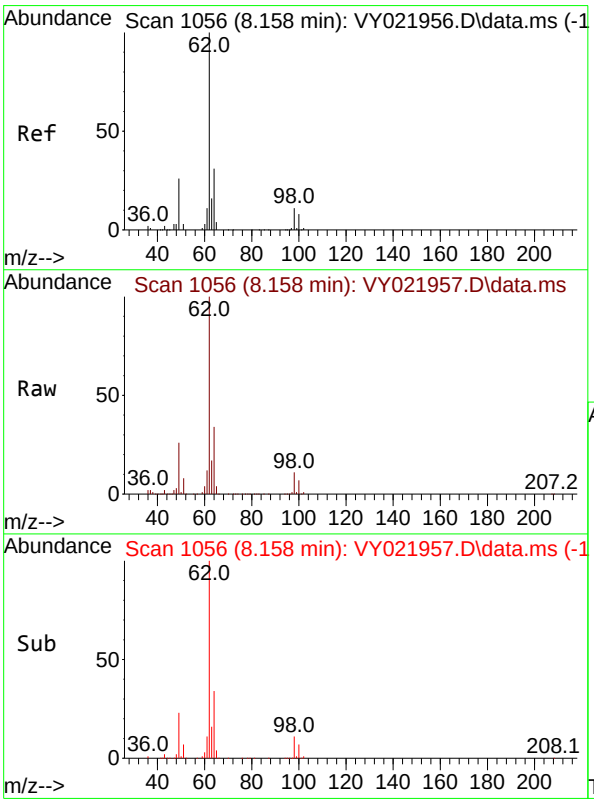
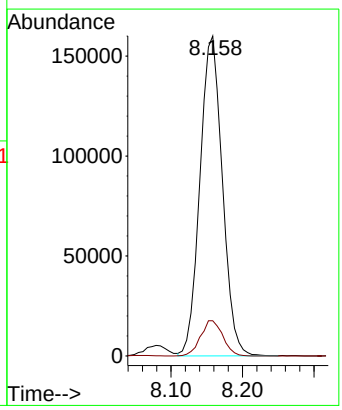
Supervised By :Mahesh Dadoda 04/23/2025

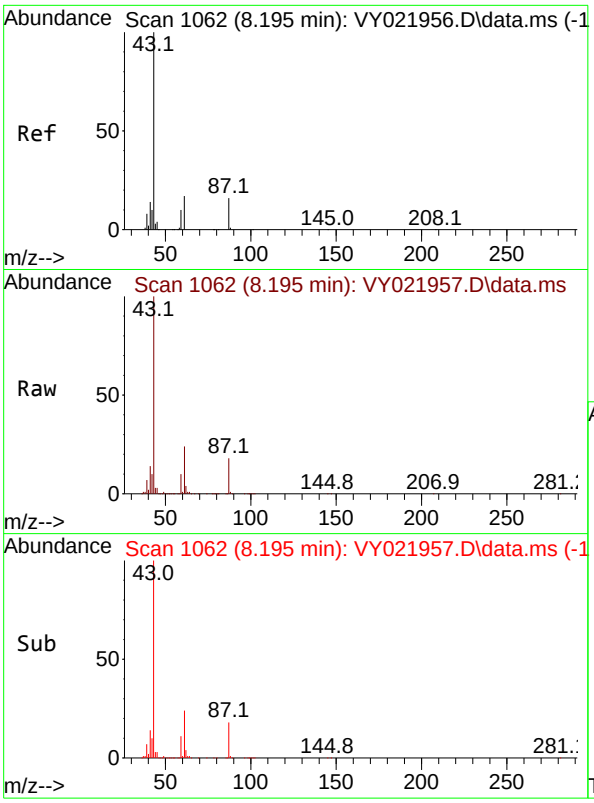


#42
1,2-Dichloroethane
Concen: 97.908 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 62 Resp: 348314

Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0

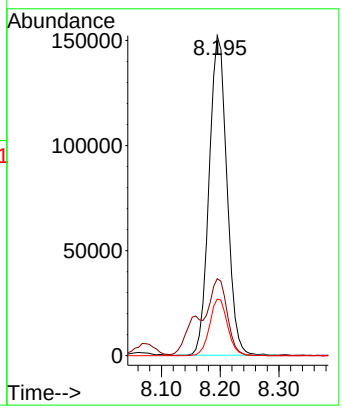




#43
Isopropyl Acetate
Concen: 100.828 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 31966

Ion	Ratio	Lower	Upper
43	100		
61	24.6	18.9	28.3
87	17.8	13.7	20.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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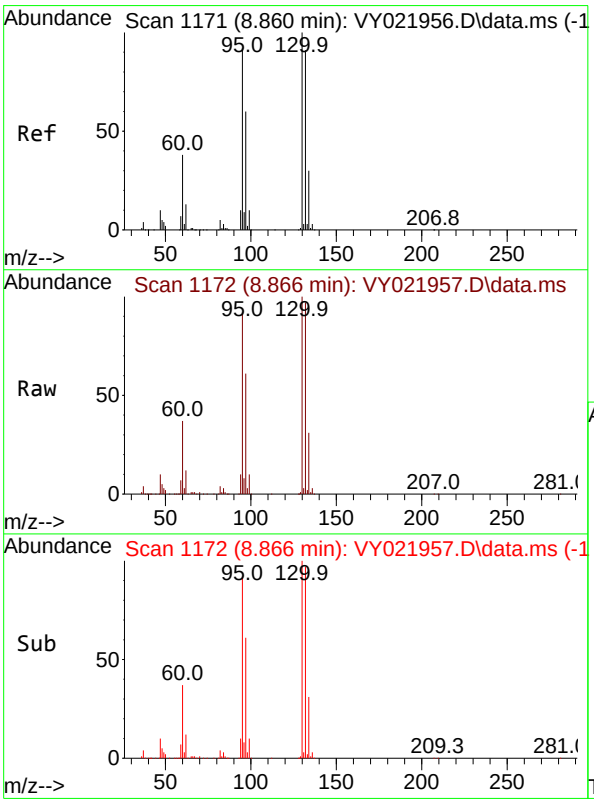
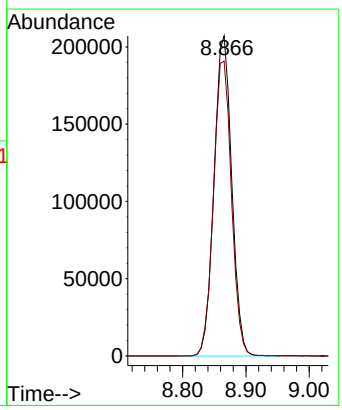
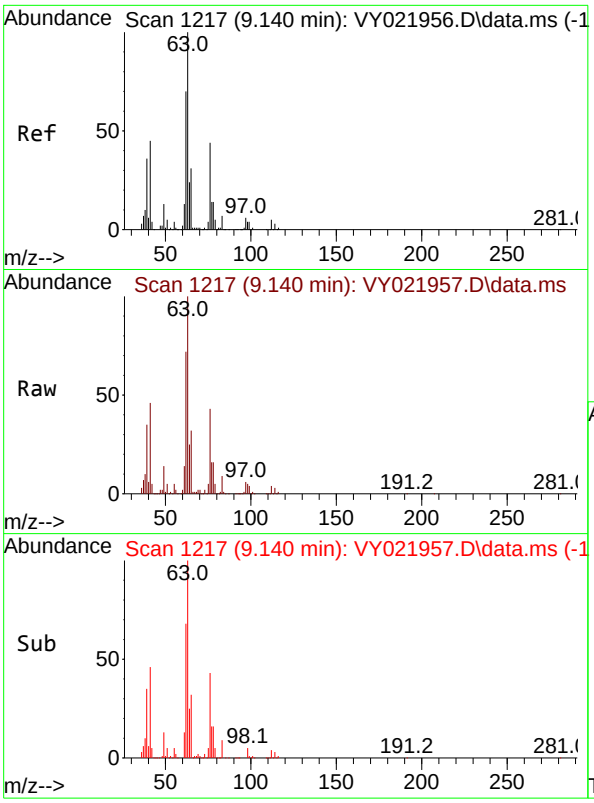


#44
Trichloroethene
Concen: 100.789 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:130 Resp: 401139

Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	183.2

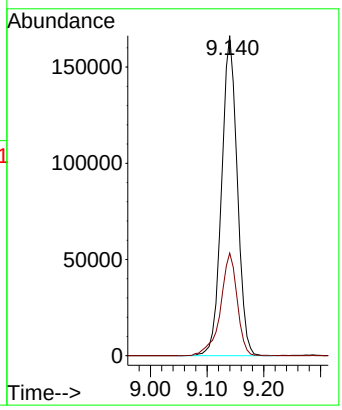




#45
1,2-Dichloropropane
Concen: 100.279 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 63 Resp: 31864

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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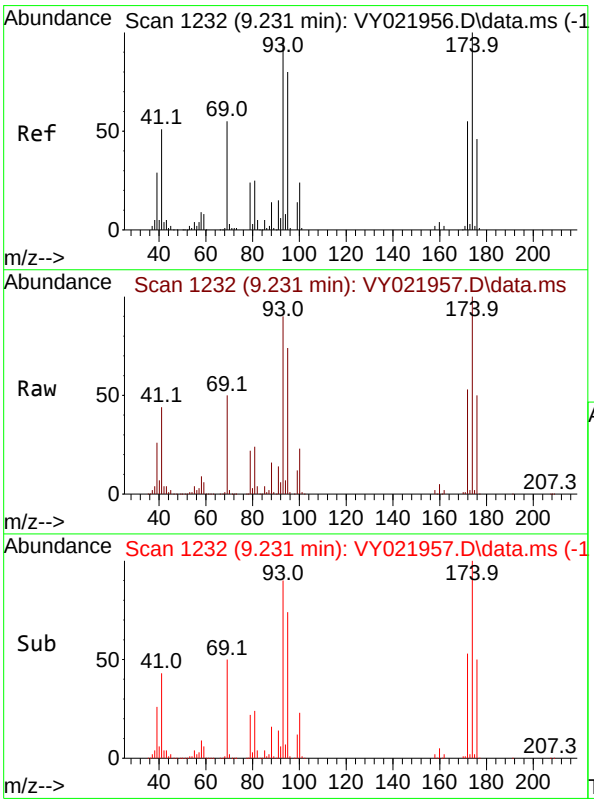
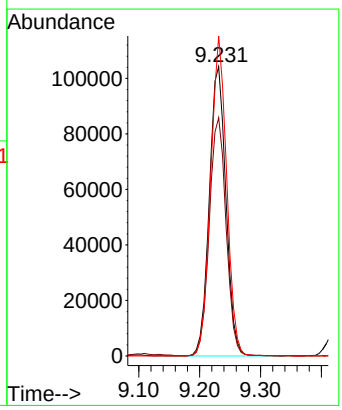
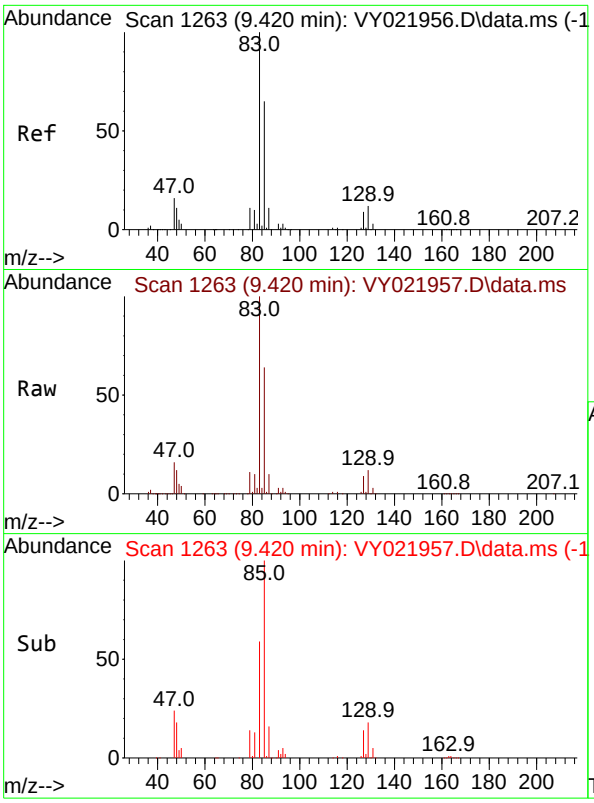


#46
Dibromomethane
Concen: 99.293 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 93 Resp: 197509

Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.7	100.1
174	106.6	84.6	127.0





#47
Bromodichloromethane
Concen: 102.188 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 83 Resp: 50779

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.8	77.8
127	9.2	7.0	10.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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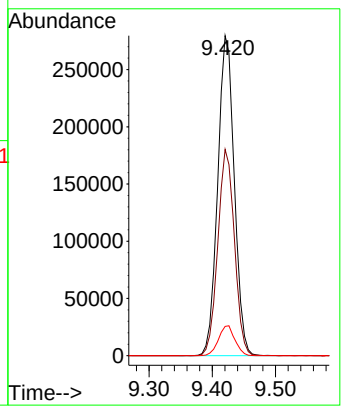
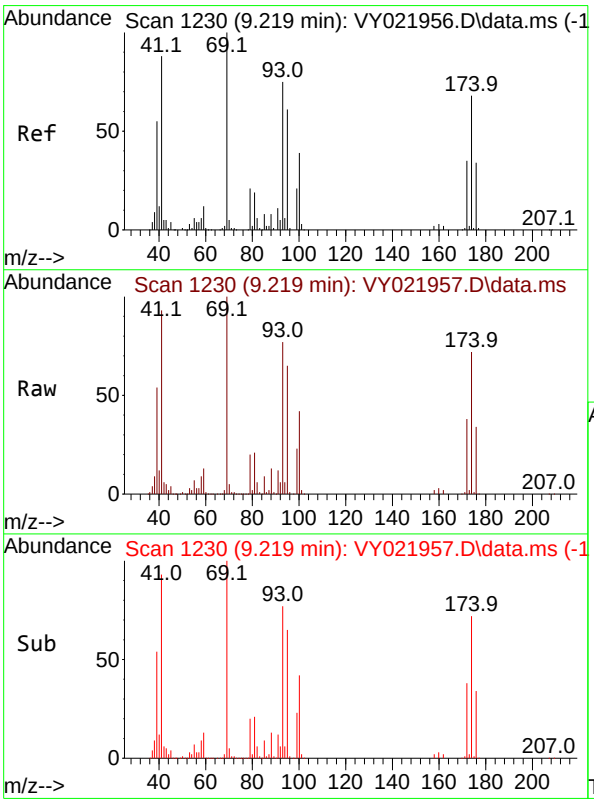
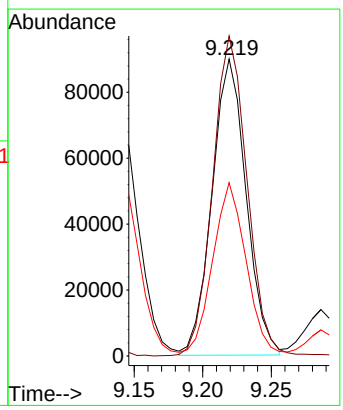


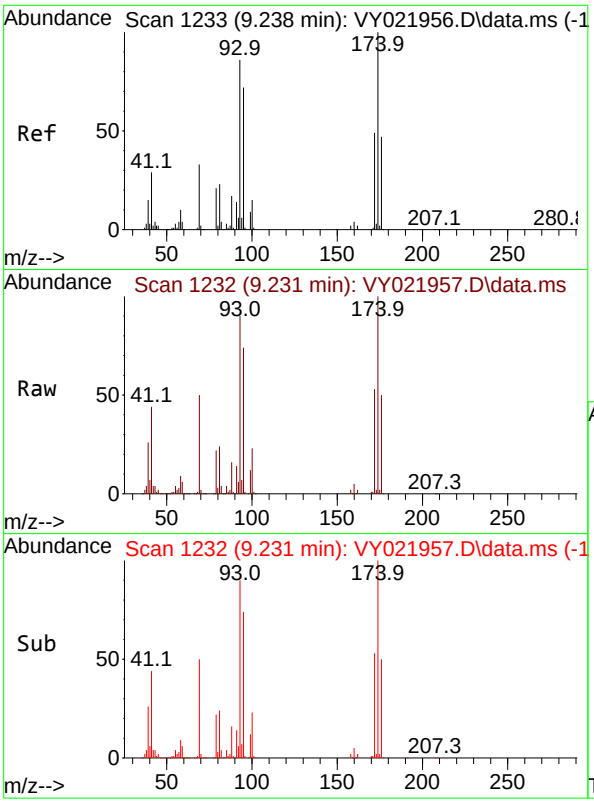


#48
Methyl methacrylate
Concen: 106.117 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 41 Resp: 155528

Ion	Ratio	Lower	Upper
41	100		
69	109.2	85.5	128.3
39	55.1	46.2	69.4

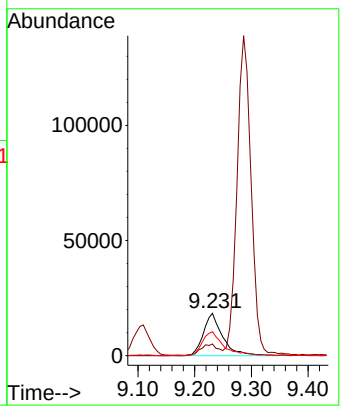




#49
1,4-Dioxane
Concen: 2036.490 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 88 Resp: 4317

Ion	Ratio	Lower	Upper
88	100		
43	24.3	21.3	31.9
58	62.9	50.5	75.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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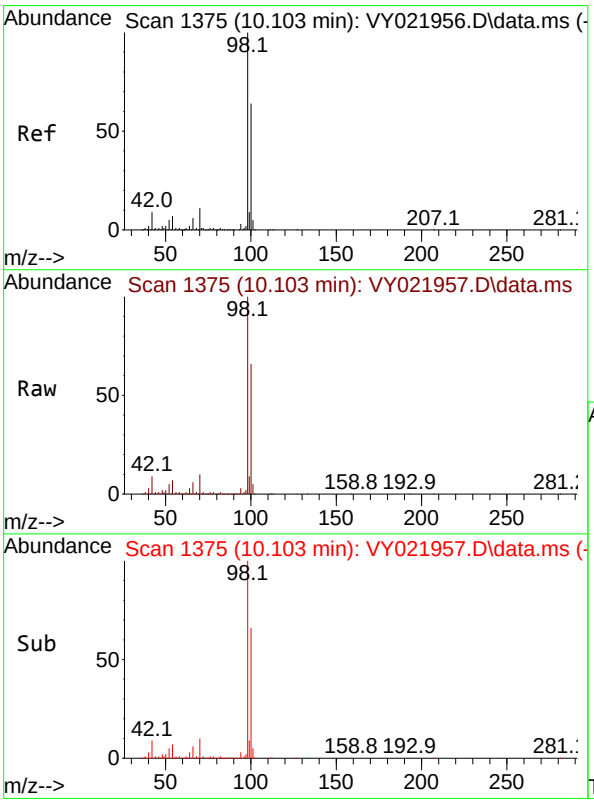
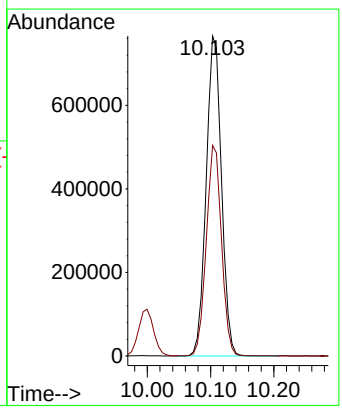
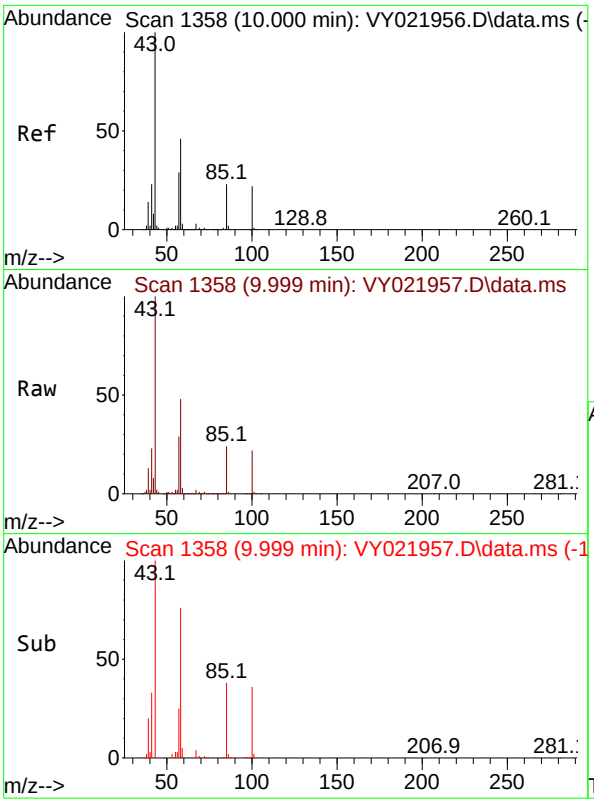


#50
Toluene-d8
Concen: 99.860 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 98 Resp: 1288287

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 517.403 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 85990

Ion	Ratio	Lower	Upper
43	100		
58	46.3	36.6	55.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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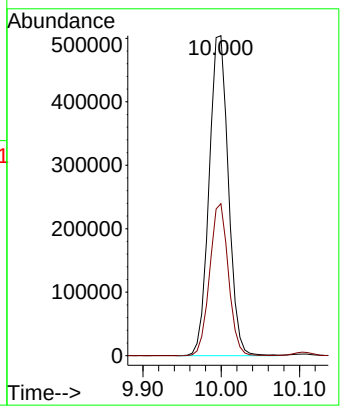
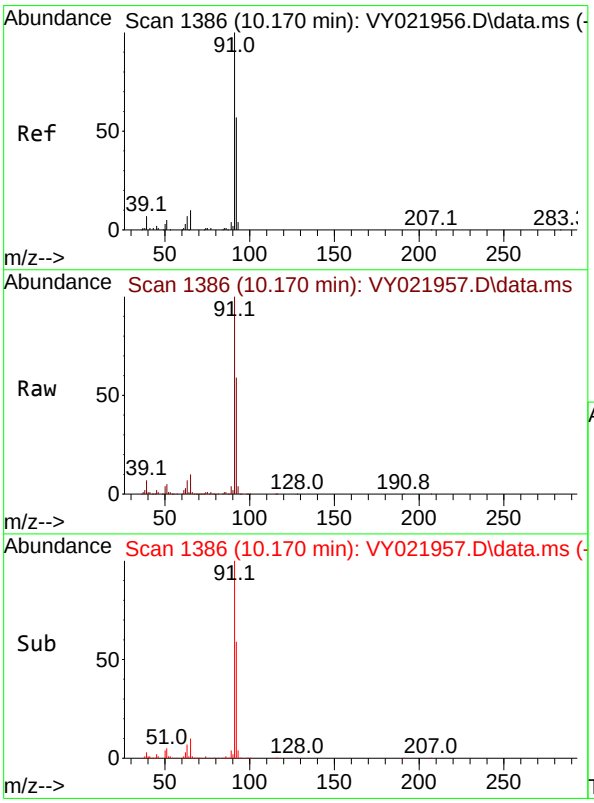
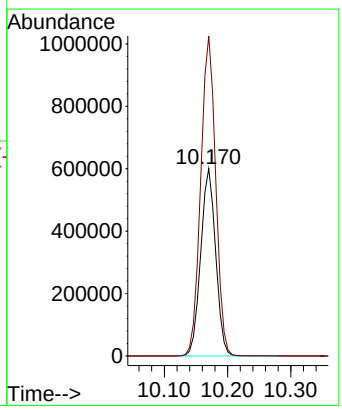


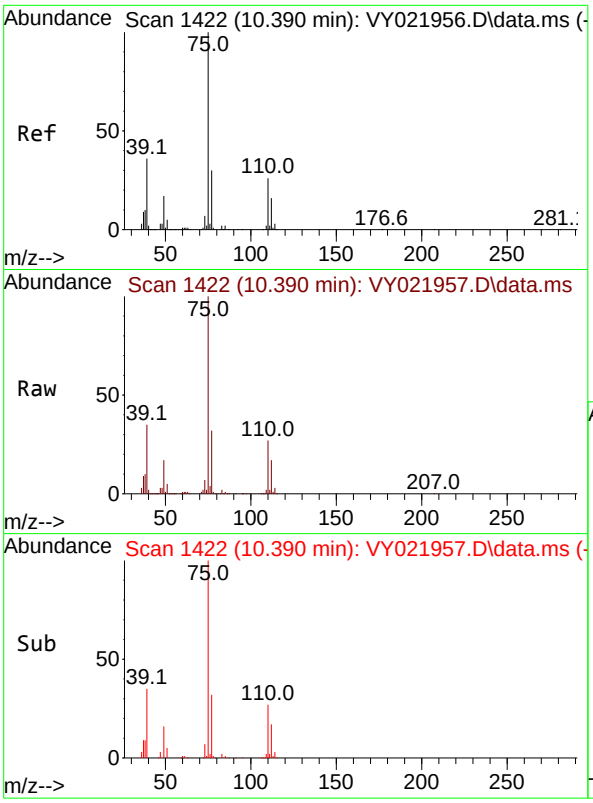


#52
Toluene
Concen: 106.068 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 92 Resp: 986553

Ion	Ratio	Lower	Upper
92	100		
91	171.9	138.6	207.8





#53
t-1,3-Dichloropropene
Concen: 106.213 ug/l
RT: 10.390 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 75 Resp: 45271

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.0	36.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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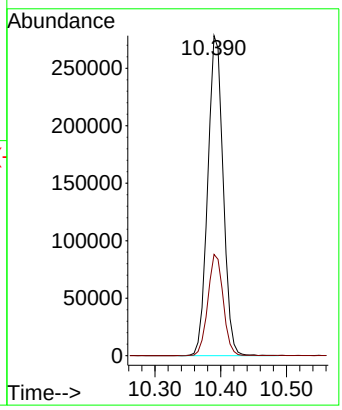
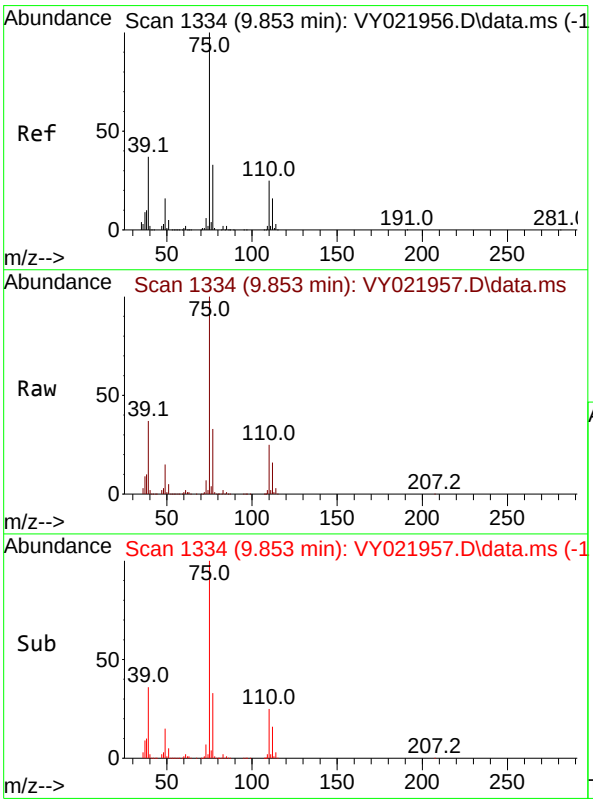
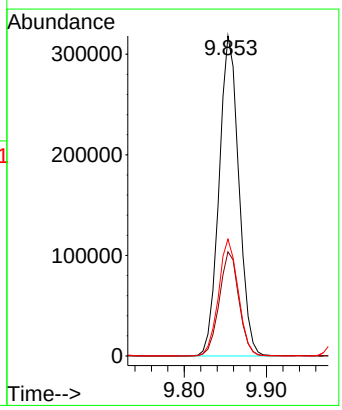


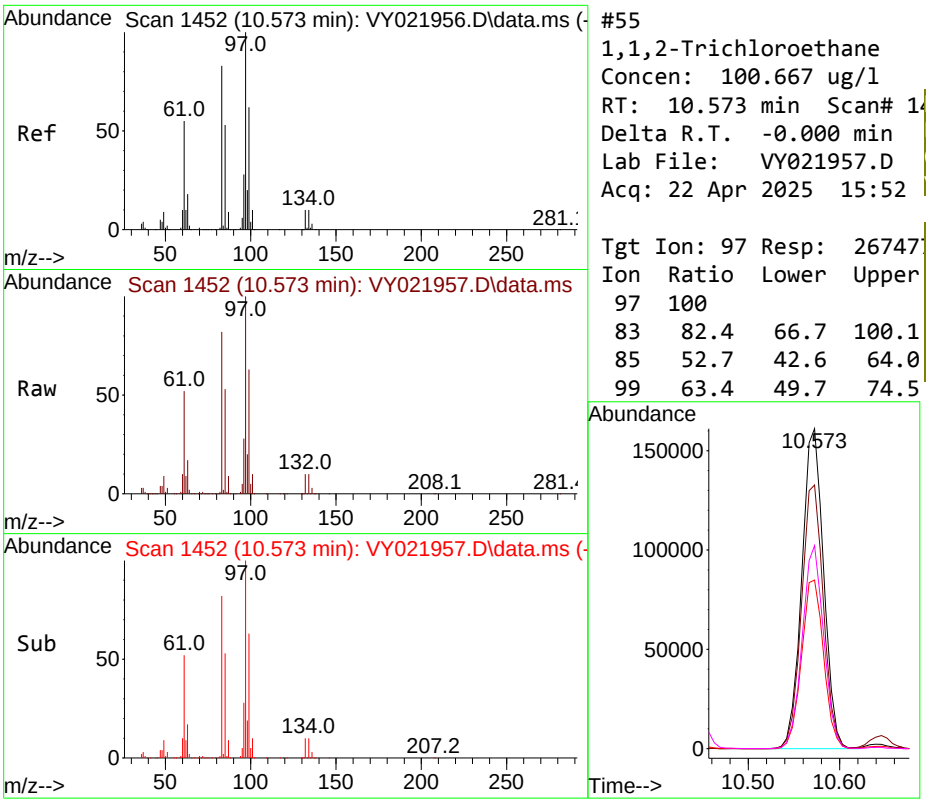


#54
cis-1,3-Dichloropropene
Concen: 105.017 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 75 Resp: 532092

Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.6	40.0
39	36.5	29.6	44.4





#55
1,1,2-Trichloroethane
Concen: 100.667 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 97 Resp: 26747

Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.7	100.1
85	52.7	42.6	64.0
99	63.4	49.7	74.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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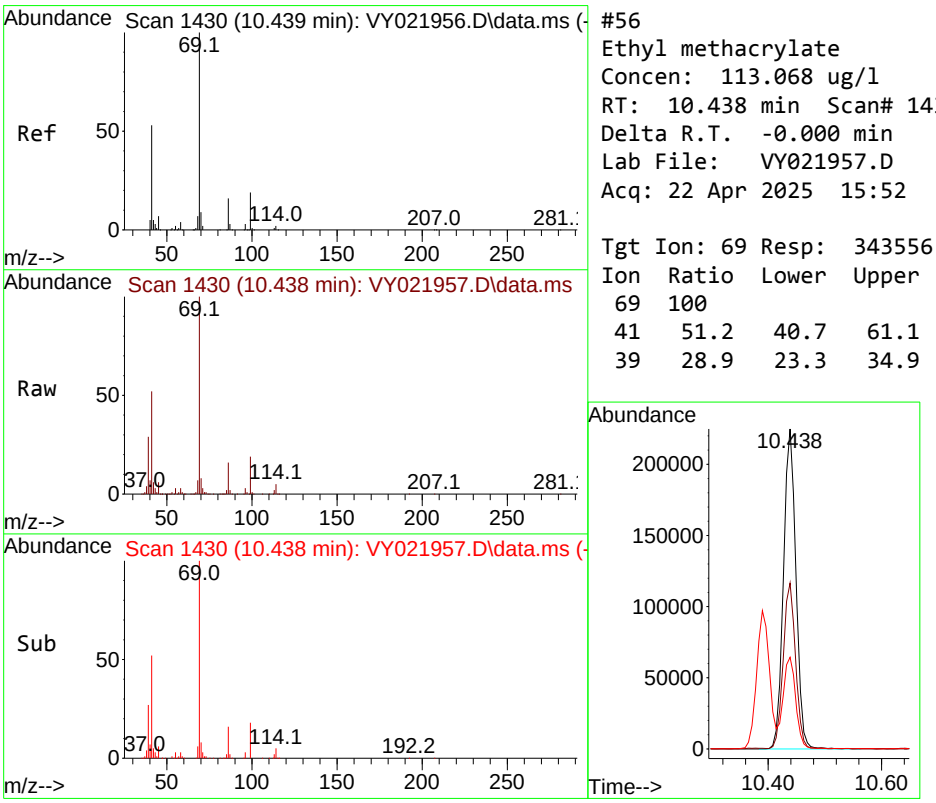
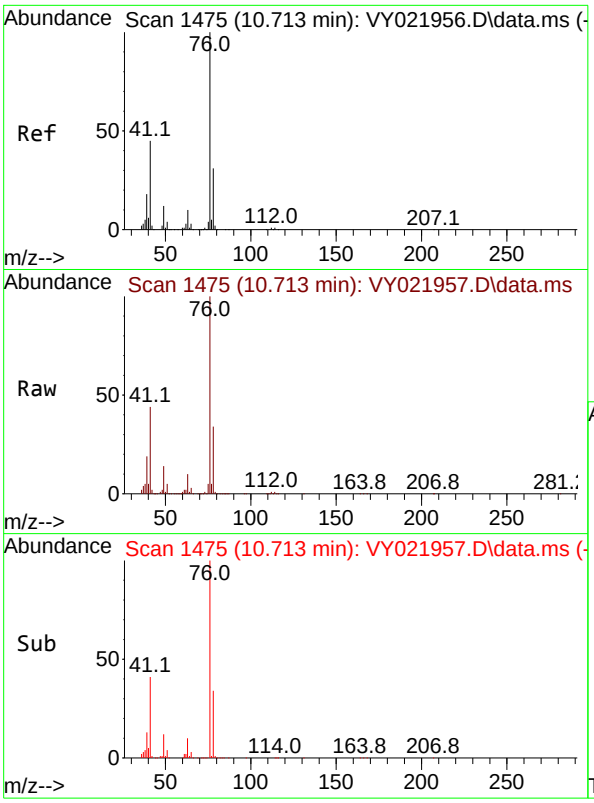


#56
Ethyl methacrylate
Concen: 113.068 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 69 Resp: 343556

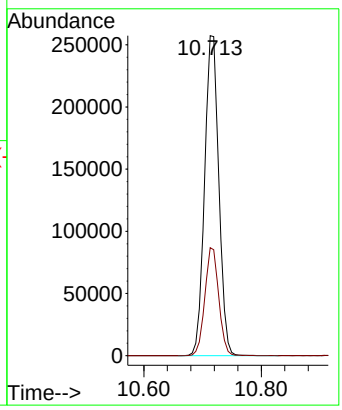
Ion	Ratio	Lower	Upper
69	100		
41	51.2	40.7	61.1
39	28.9	23.3	34.9



#57
1,3-Dichloropropane
Concen: 101.498 ug/l
RT: 10.713 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 76 Resp: 43234

Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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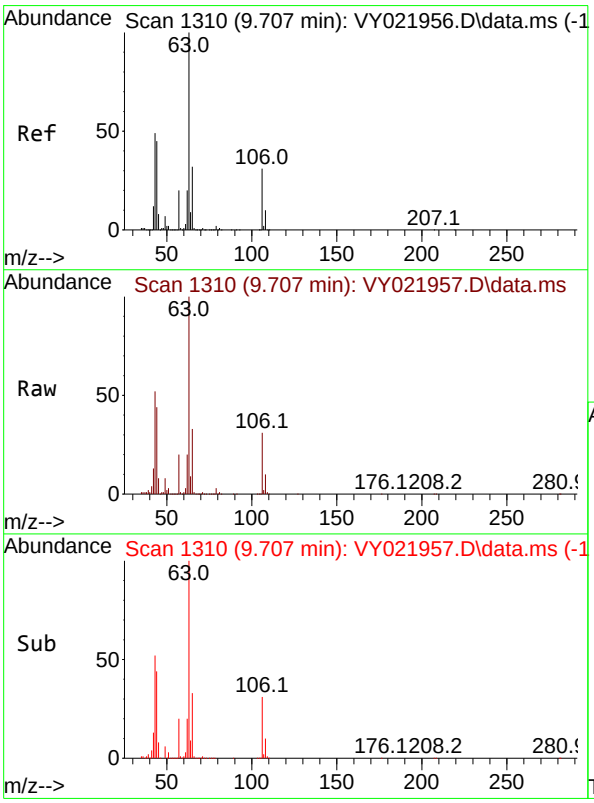
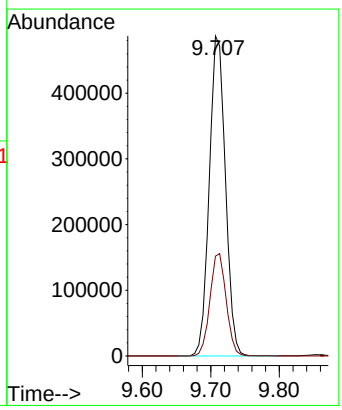
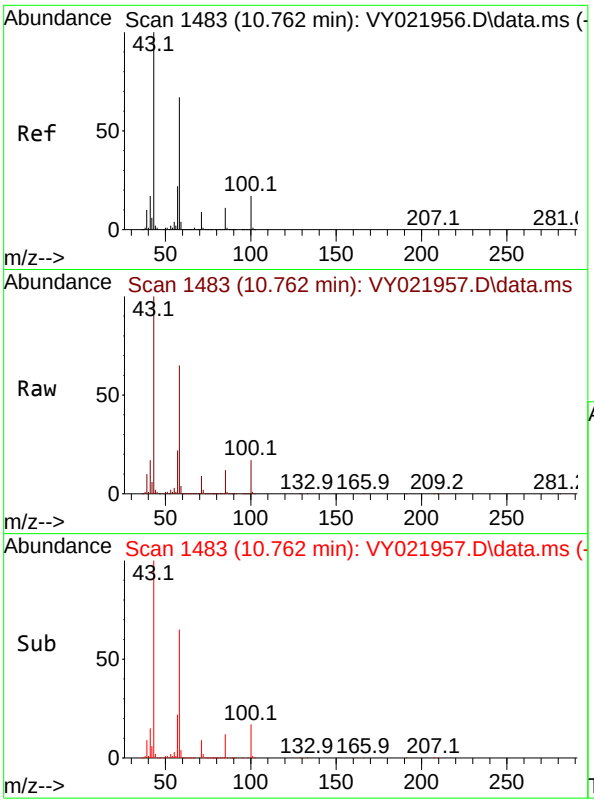


#58
2-Chloroethyl Vinyl ether
Concen: 536.469 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 63 Resp: 796991

Ion	Ratio	Lower	Upper
63	100		
106	32.1	25.3	37.9

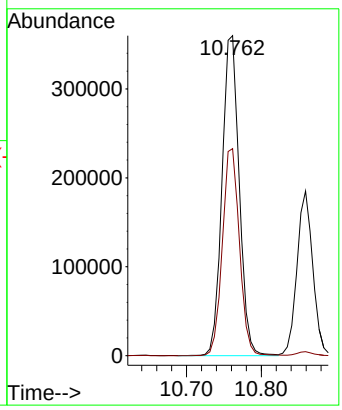




#59
2-Hexanone
Concen: 523.558 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 57392

Ion	Ratio	Lower	Upper
43	100		
58	64.5	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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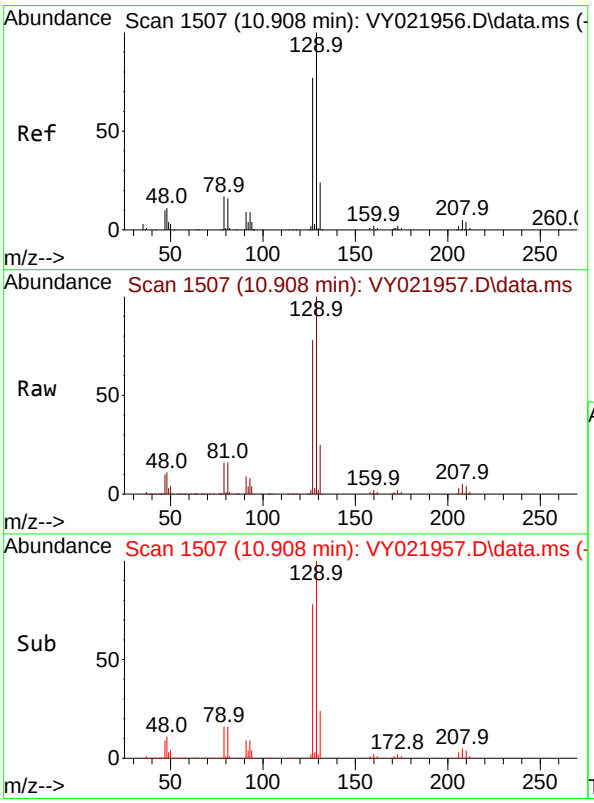
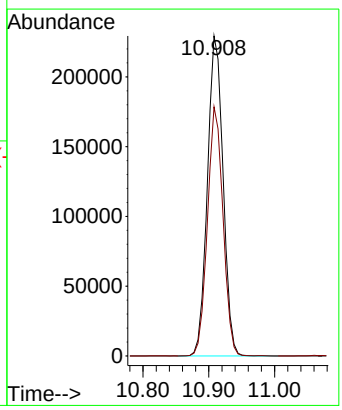
Supervised By :Mahesh Dadoda 04/23/2025

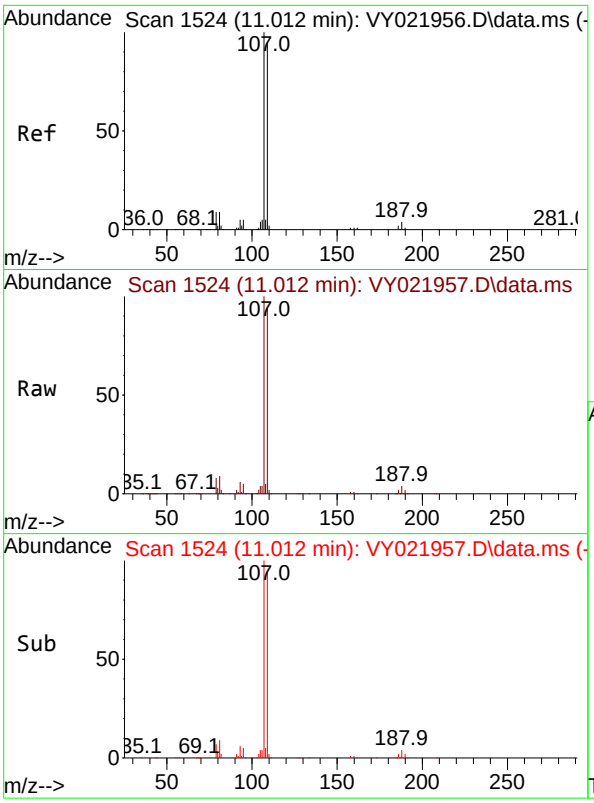


#60
Dibromochloromethane
Concen: 103.302 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:129 Resp: 380014

Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.5	115.3

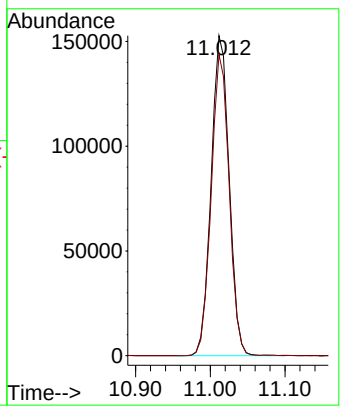




#61
1,2-Dibromoethane
Concen: 102.087 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:107 Resp: 25607

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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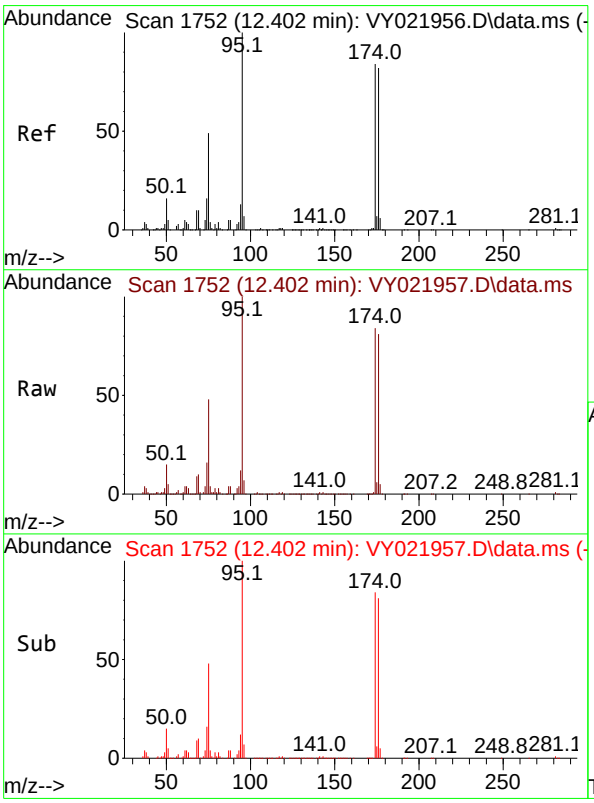
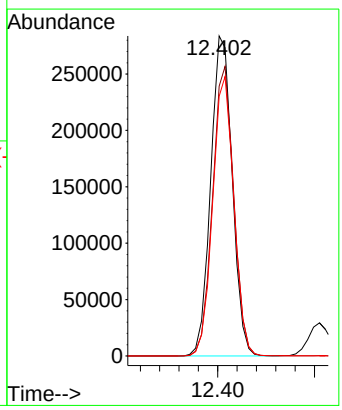
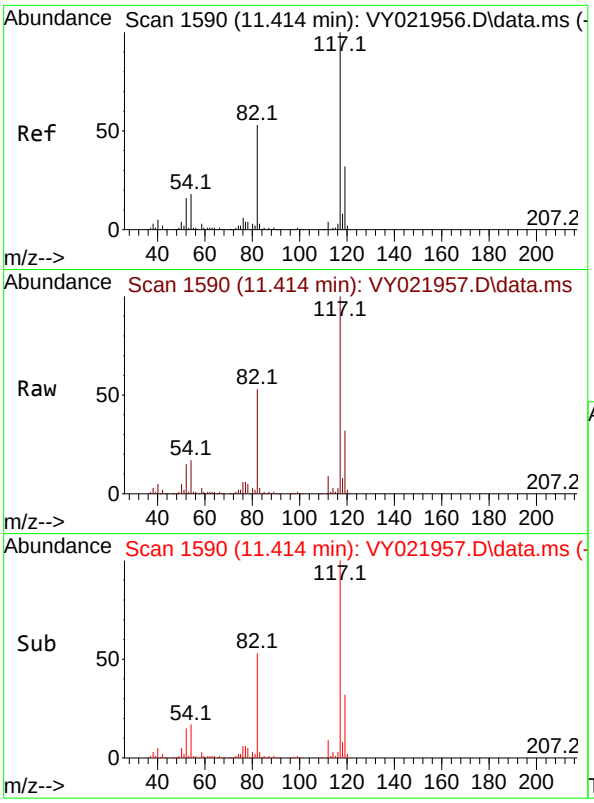


#62
4-Bromofluorobenzene
Concen: 100.832 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 95 Resp: 437911

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	179.0
176	85.8	0.0	171.8

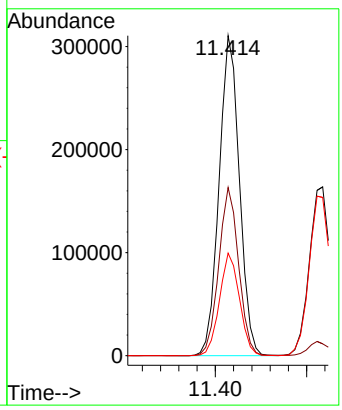




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:117 Resp: 47977

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.1	63.1
119	32.1	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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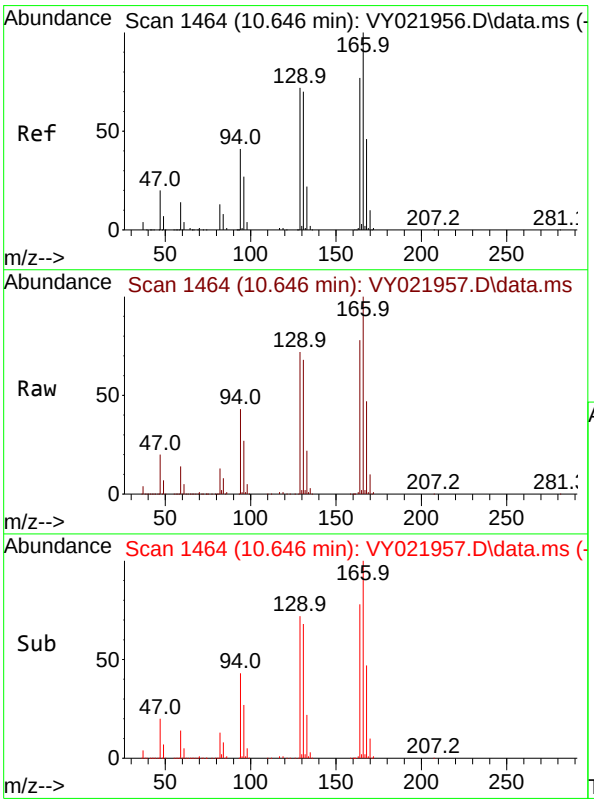
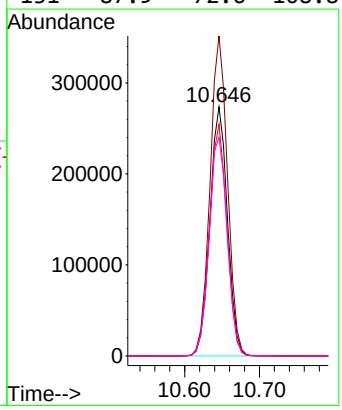
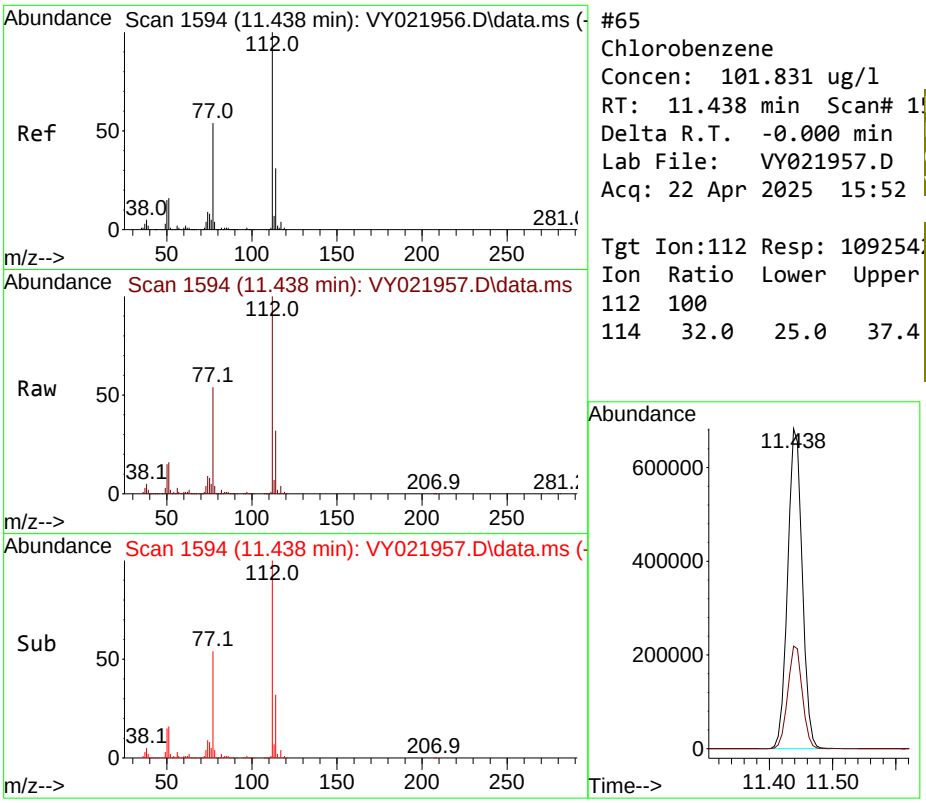


#64
Tetrachloroethene
Concen: 98.761 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:164 Resp: 446995

Ion	Ratio	Lower	Upper
164	100		
166	128.5	103.6	155.4
129	93.1	74.2	111.4
131	87.9	72.6	108.8





#65
Chlorobenzene
Concen: 101.831 ug/l
RT: 11.438 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:112 Resp: 109254

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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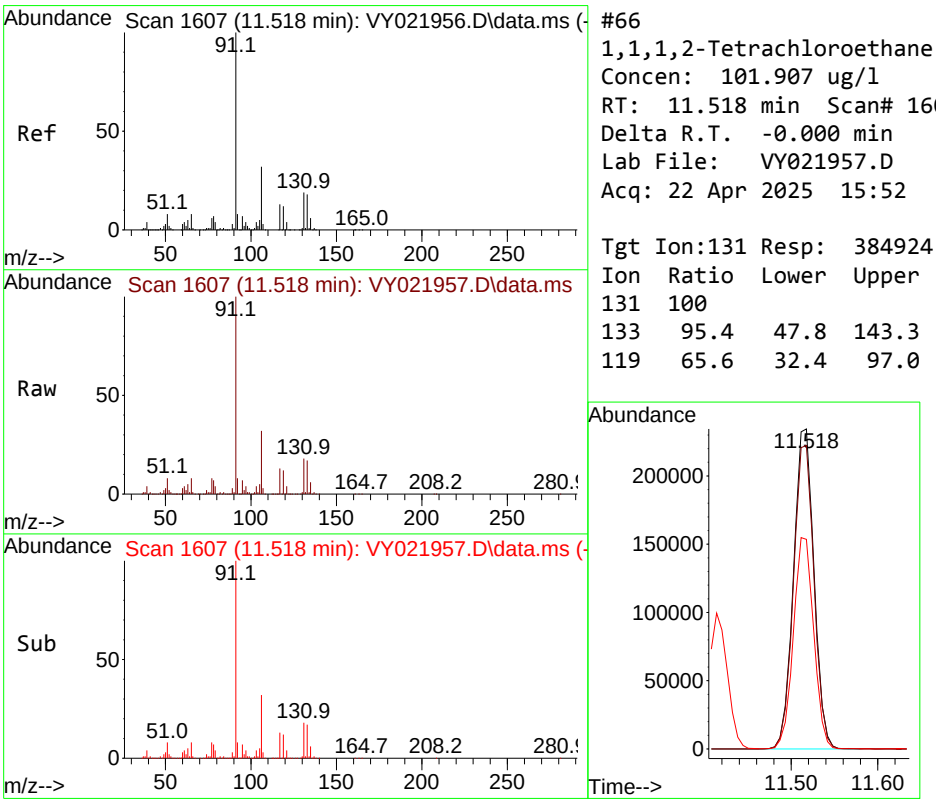
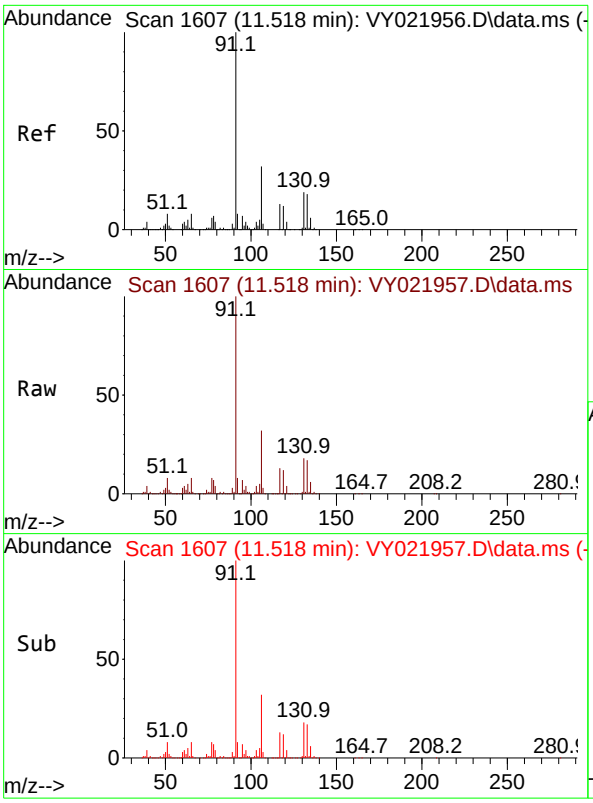


#66
1,1,1,2-Tetrachloroethane
Concen: 101.907 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:131 Resp: 384924

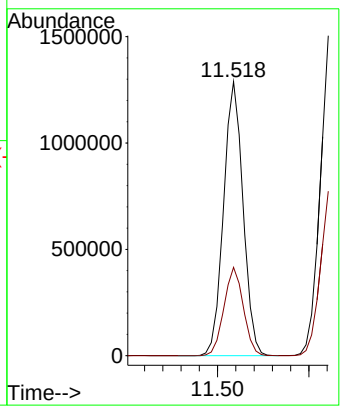
Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.8	143.3
119	65.6	32.4	97.0



#67
Ethyl Benzene
Concen: 108.806 ug/l
RT: 11.518 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 91 Resp: 190963

Ion	Ratio	Lower	Upper
91	100		
106	32.2	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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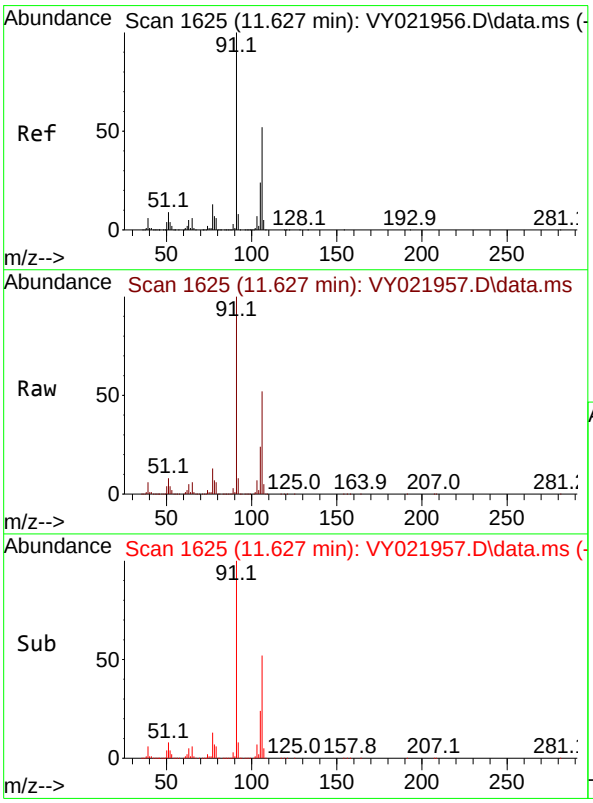
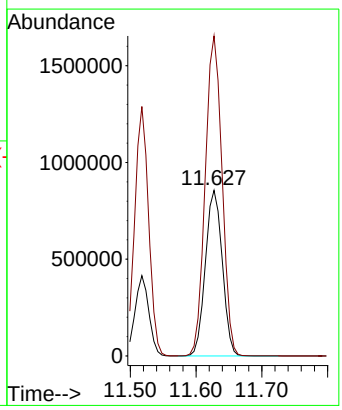
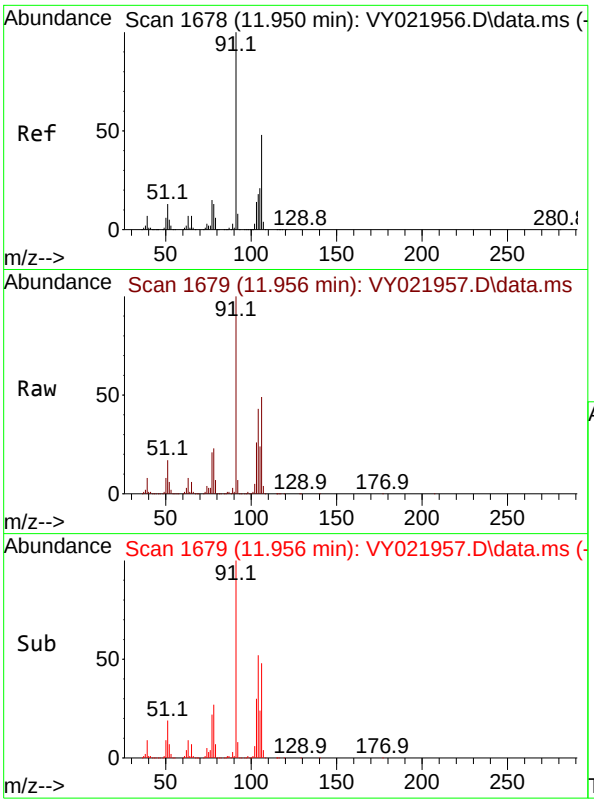


#68
m/p-Xylenes
Concen: 218.926 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:106 Resp: 1528954

Ion	Ratio	Lower	Upper
106	100		
91	192.6	156.2	234.2





#69
o-Xylene
Concen: 111.334 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:106 Resp: 71665

Ion	Ratio	Lower	Upper
106	100		
91	204.4	103.0	308.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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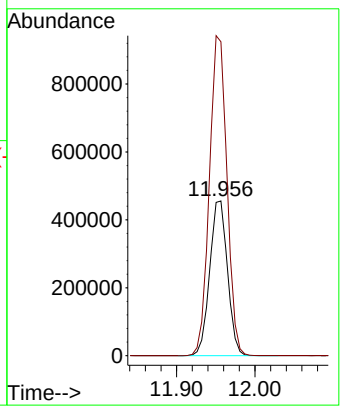
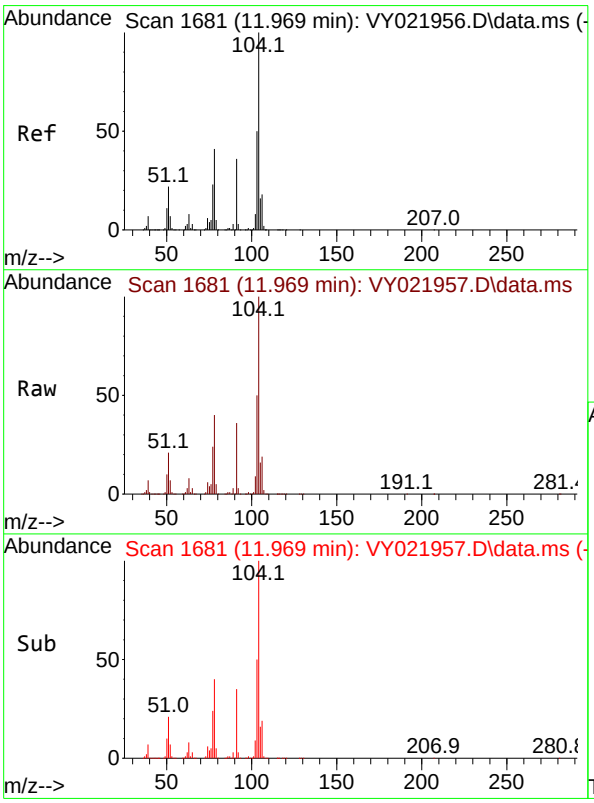
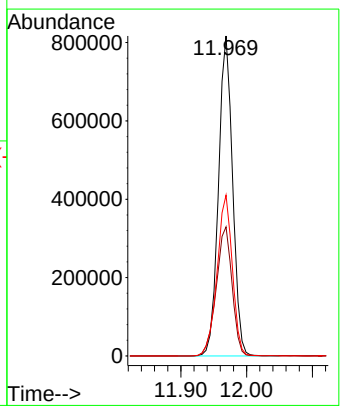


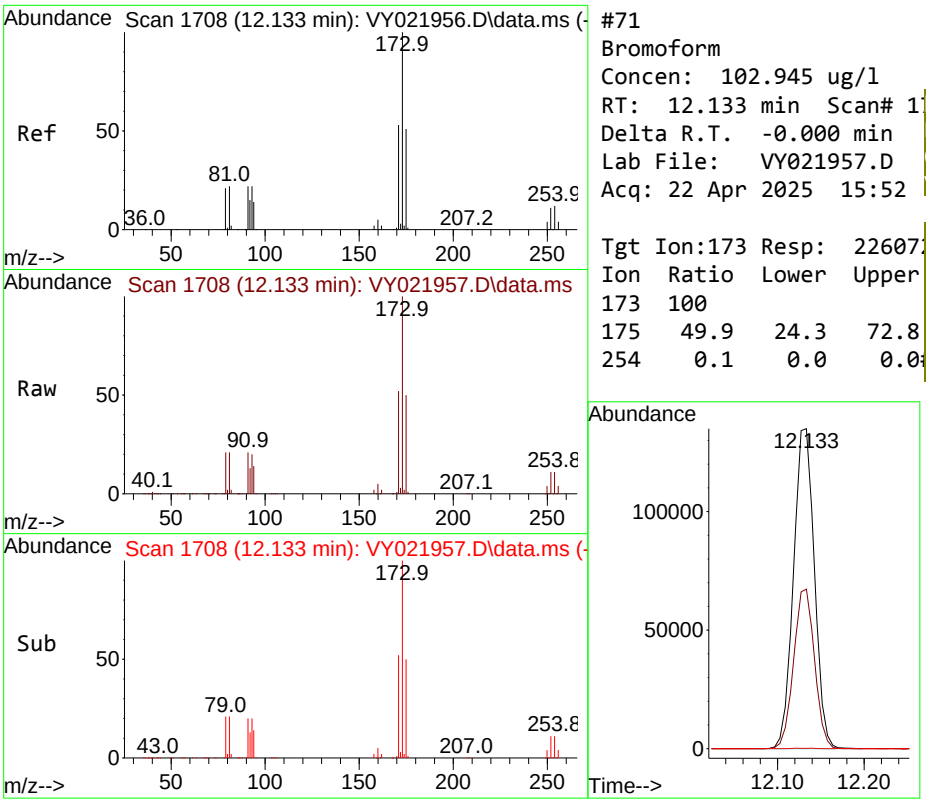


#70
Styrene
Concen: 112.940 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:104 Resp: 1220634

Ion	Ratio	Lower	Upper
104	100		
78	45.4	36.6	54.8
103	54.4	43.8	65.8





#71
Bromoform
Concen: 102.945 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:173 Resp: 22607

Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.3	72.8
254	0.1	0.0	0.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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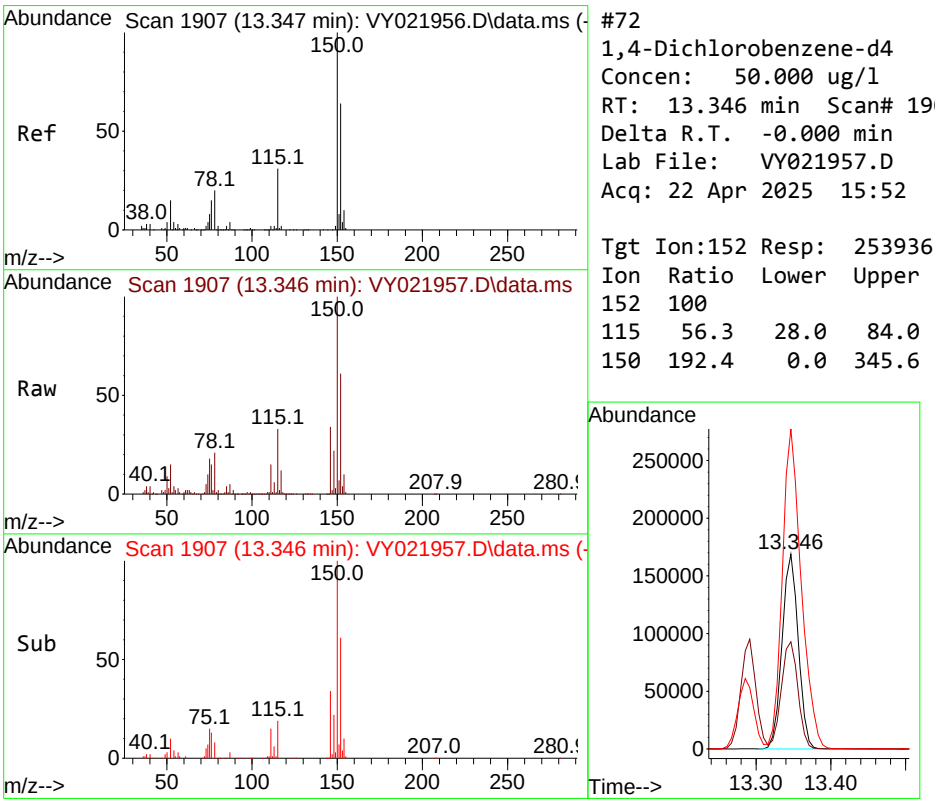
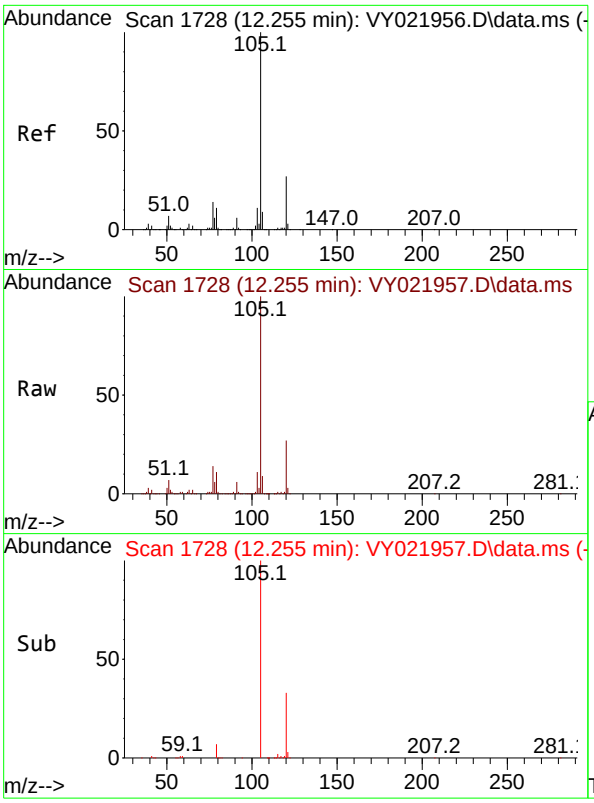
Supervised By :Mahesh Dadoda 04/23/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:152 Resp: 253936

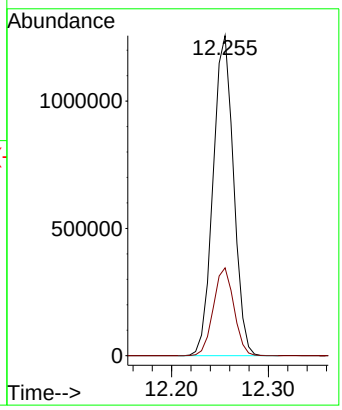
Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.0	84.0
150	192.4	0.0	345.6



#73
Isopropylbenzene
Concen: 108.944 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:105 Resp: 184830

Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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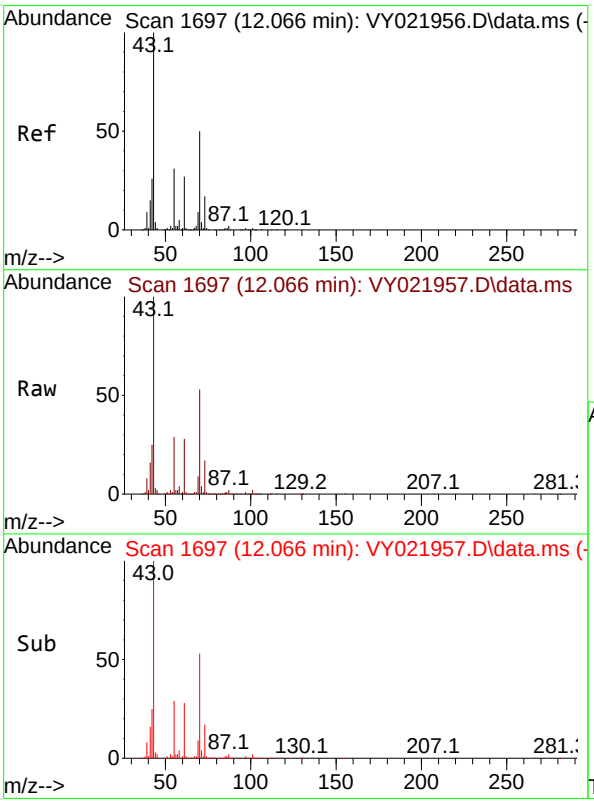
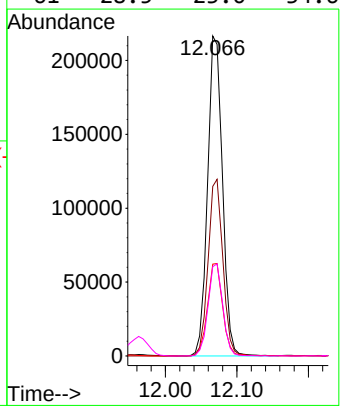
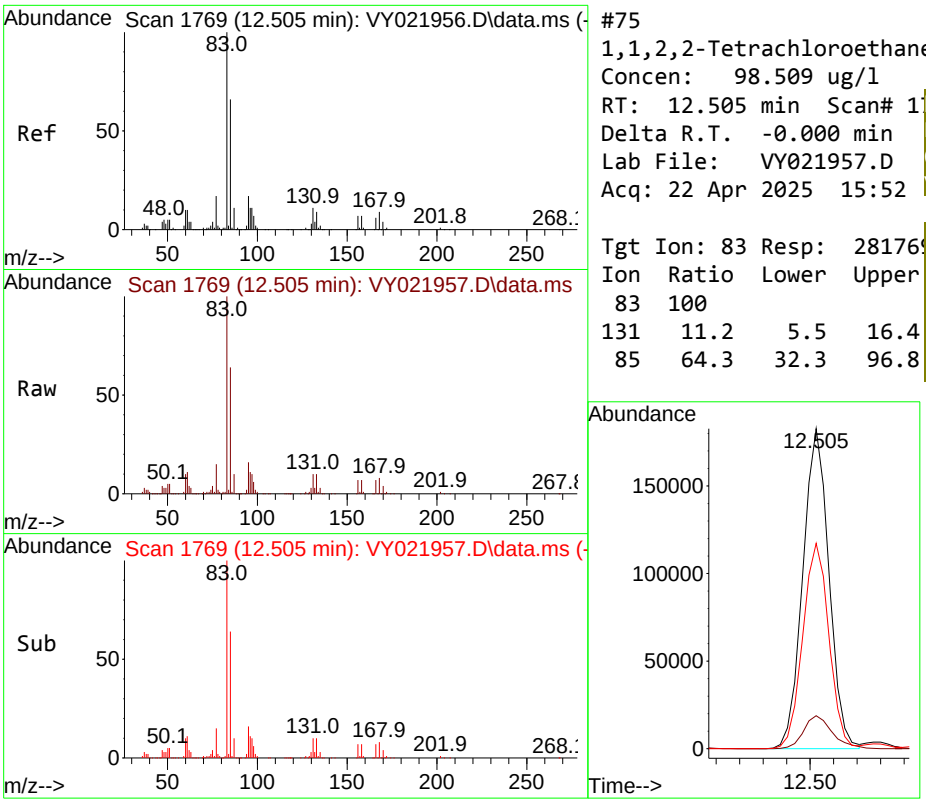


#74
N-amyl acetate
Concen: 107.236 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 312577

Ion	Ratio	Lower	Upper
43	100		
70	55.0	43.2	64.8
55	29.7	25.7	38.5
61	28.5	23.0	34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 98.509 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 83 Resp: 28176

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.4
85	64.3	32.3	96.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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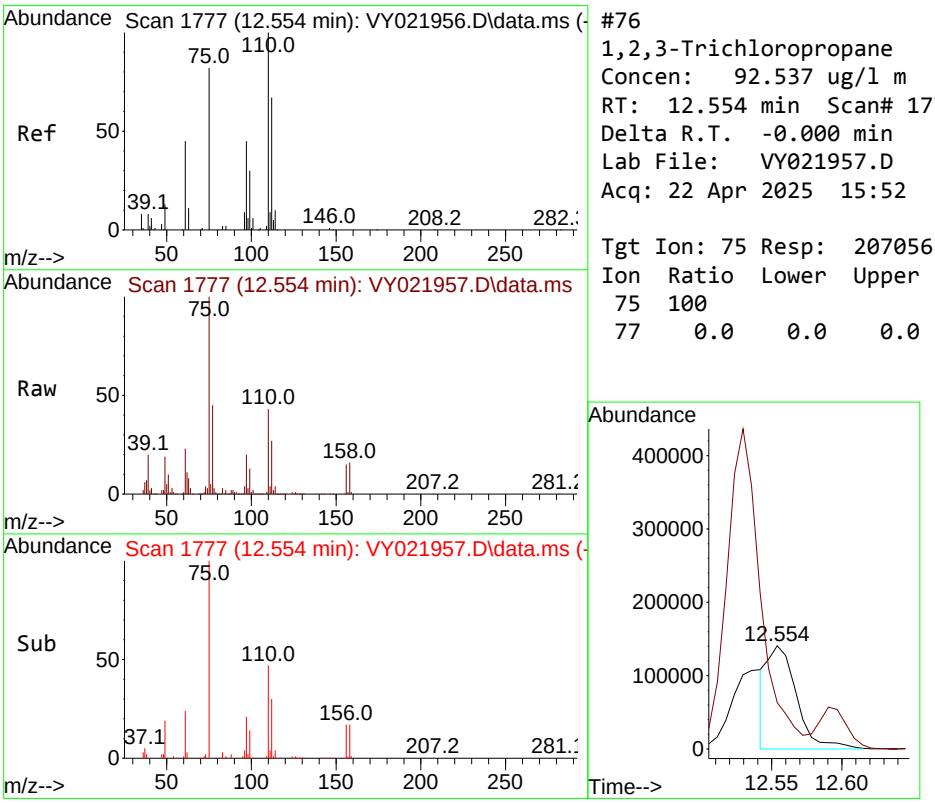
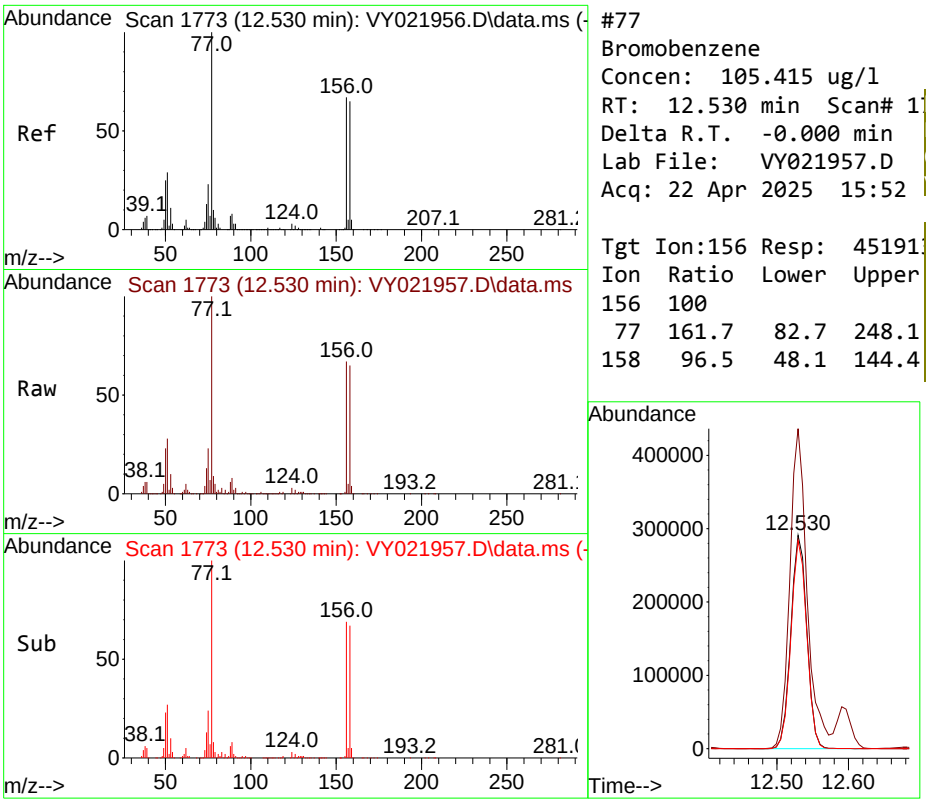


#76
1,2,3-Trichloropropane
Concen: 92.537 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 75 Resp: 207056

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 105.415 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:156 Resp: 45191

Ion	Ratio	Lower	Upper
156	100		
77	161.7	82.7	248.1
158	96.5	48.1	144.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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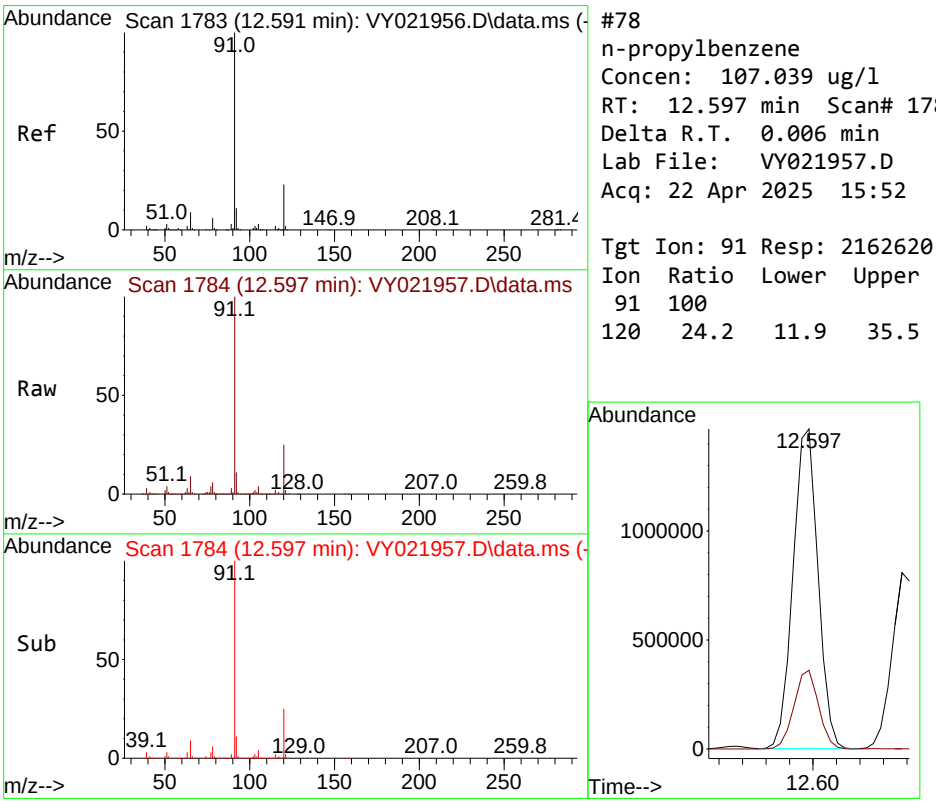
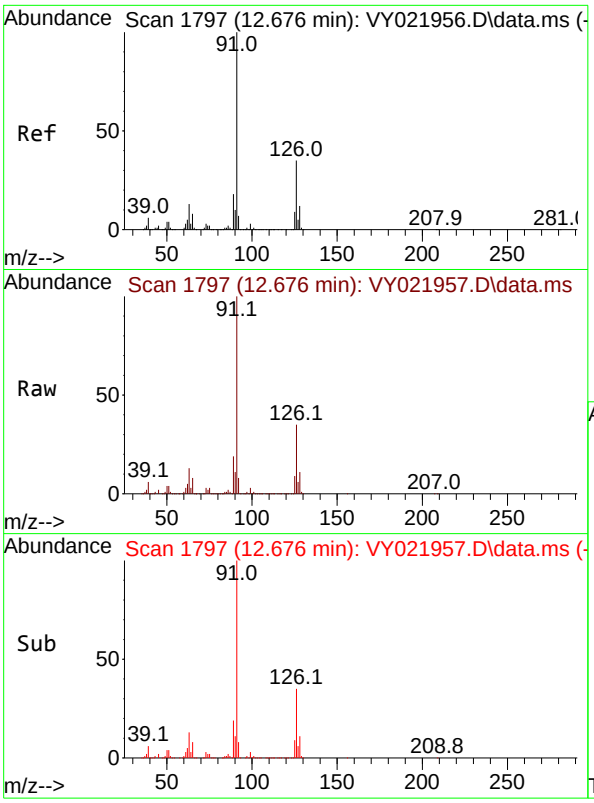


#78
n-propylbenzene
Concen: 107.039 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 91 Resp: 2162620

Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.9	35.5



#79
2-Chlorotoluene
Concen: 105.231 ug/l
RT: 12.676 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 91 Resp: 123645

Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.9	53.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

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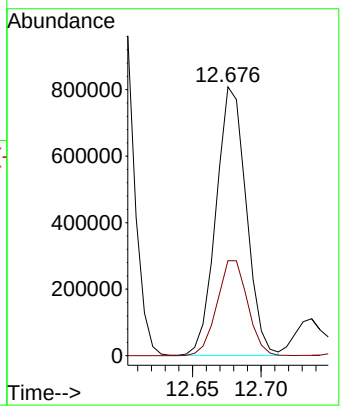
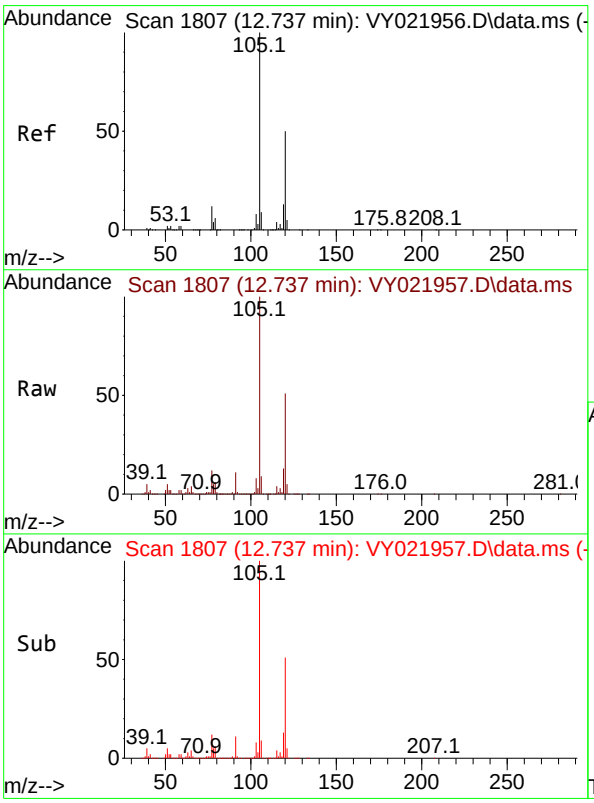
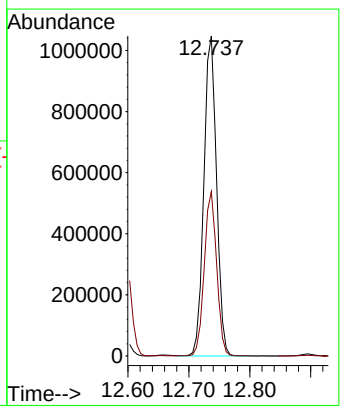


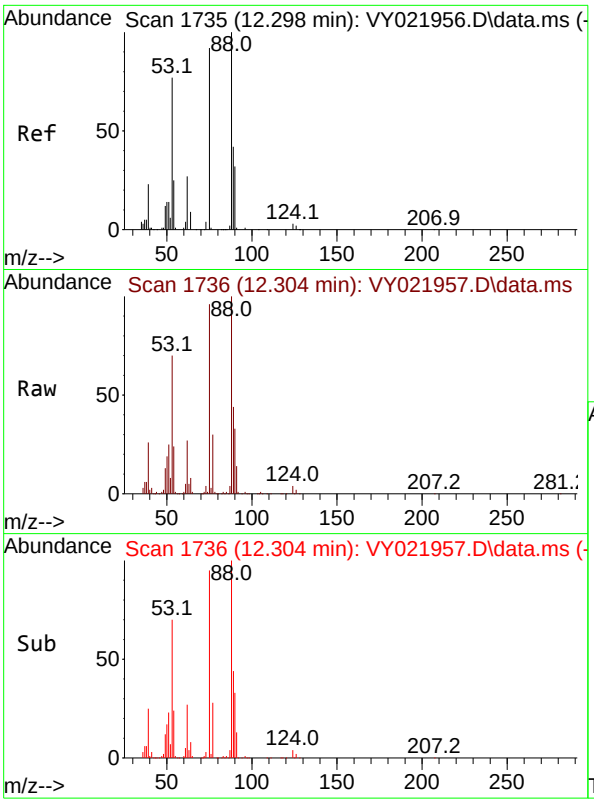


#80
1,3,5-Trimethylbenzene
Concen: 108.183 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:105 Resp: 1512269

Ion	Ratio	Lower	Upper
105	100		
120	50.3	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 101.673 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

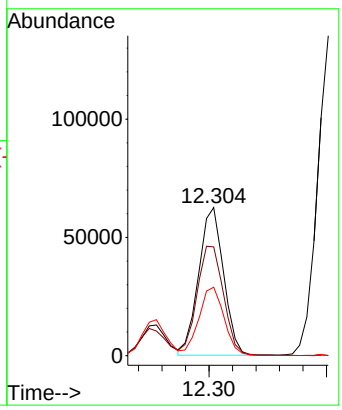
Tgt Ion: 75 Resp: 9183

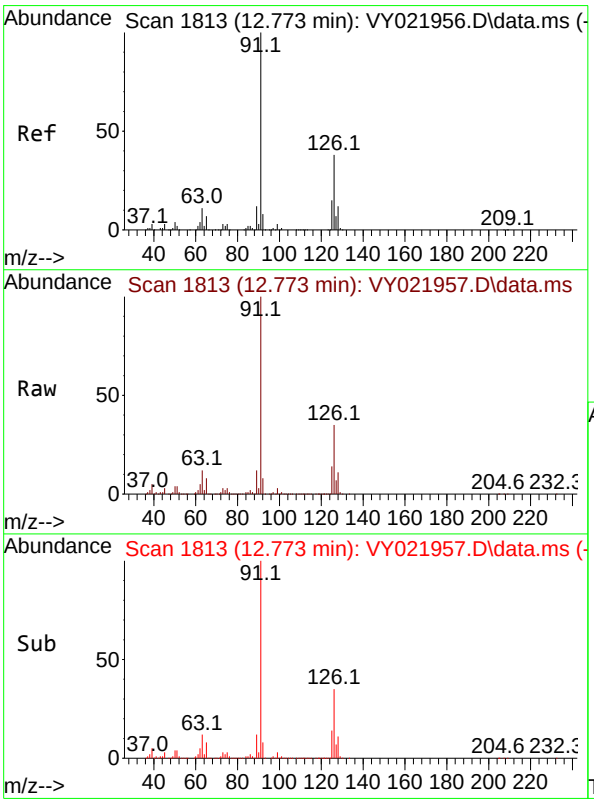
Ion	Ratio	Lower	Upper
75	100		
53	79.2	66.0	99.0
89	47.2	37.2	55.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

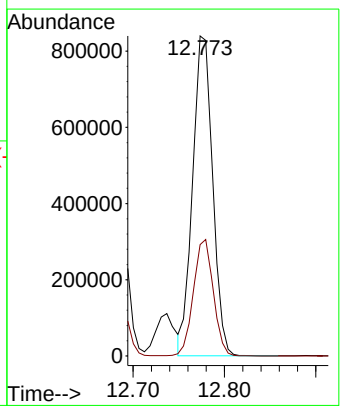


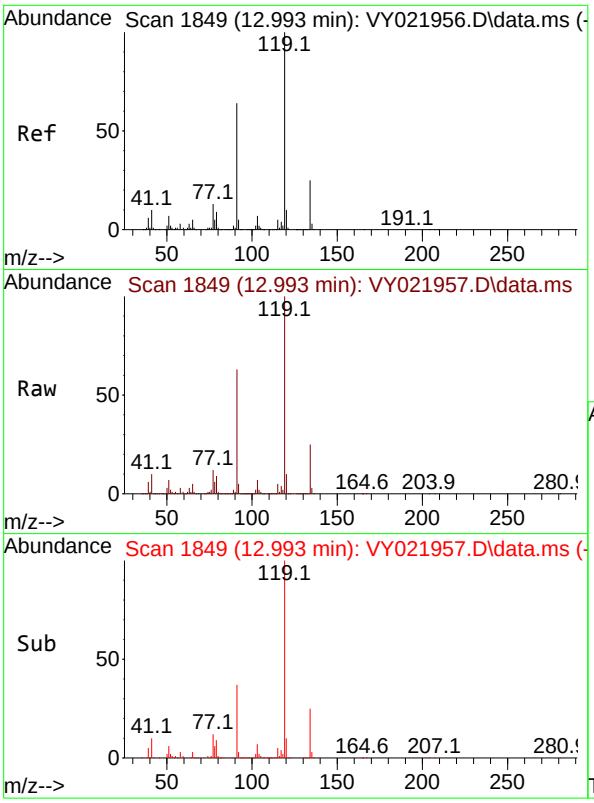


#82
4-Chlorotoluene
Concen: 104.825 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 91 Resp: 1280377

Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.9	53.8

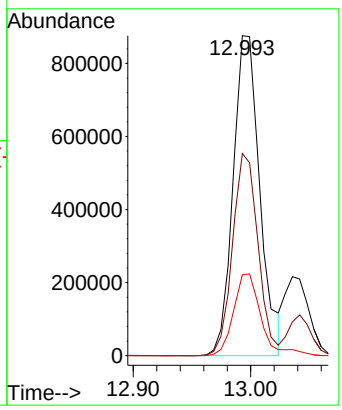




#83
tert-Butylbenzene
Concen: 110.389 ug/l
RT: 12.993 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:119 Resp: 138392

Ion	Ratio	Lower	Upper
119	100		
91	60.3	30.3	90.9
134	26.3	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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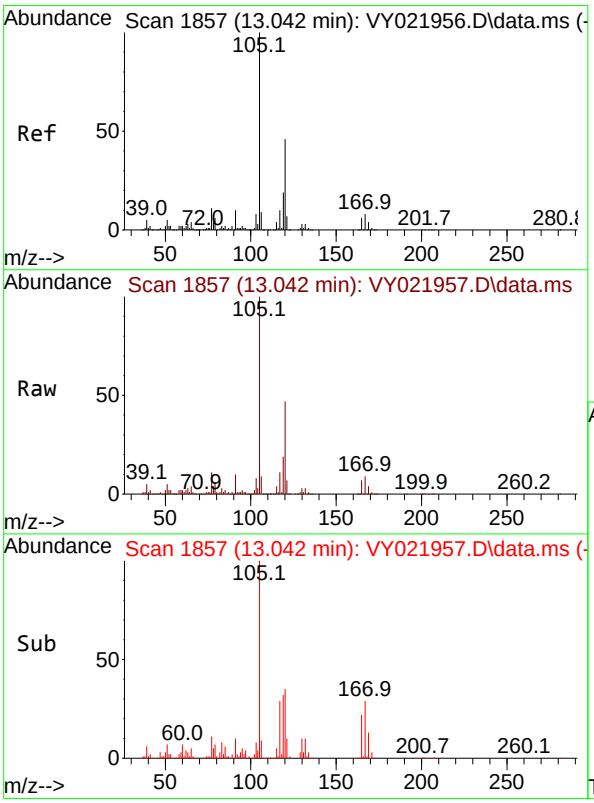
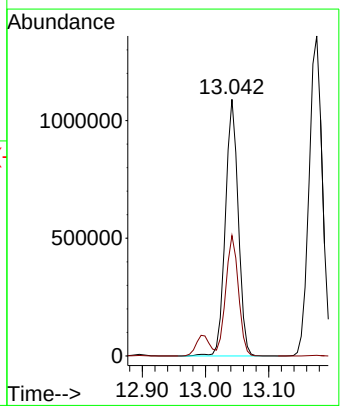
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

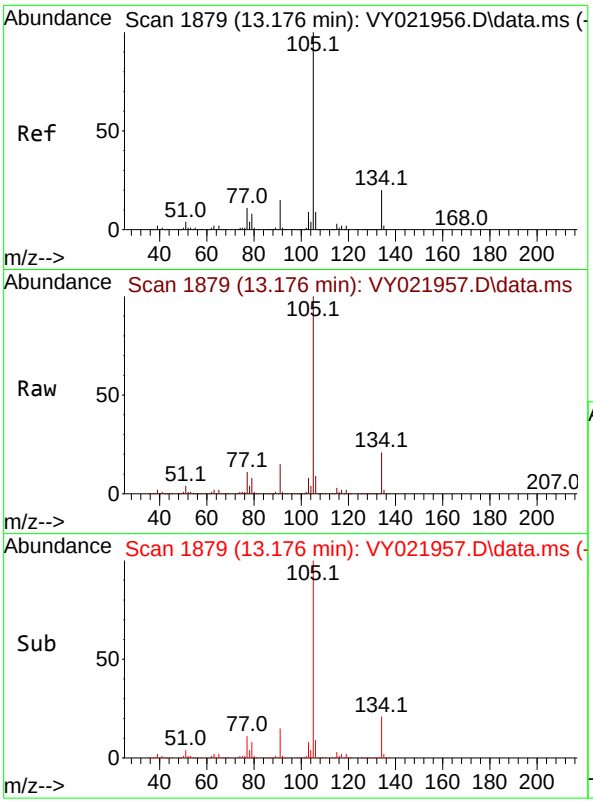


#84
1,2,4-Trimethylbenzene
Concen: 109.940 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:105 Resp: 1537175

Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.4	70.0

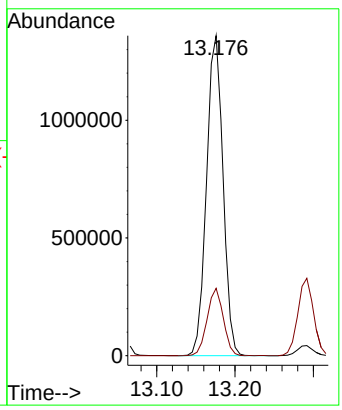




#85
sec-Butylbenzene
Concen: 107.920 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:105 Resp: 197982

Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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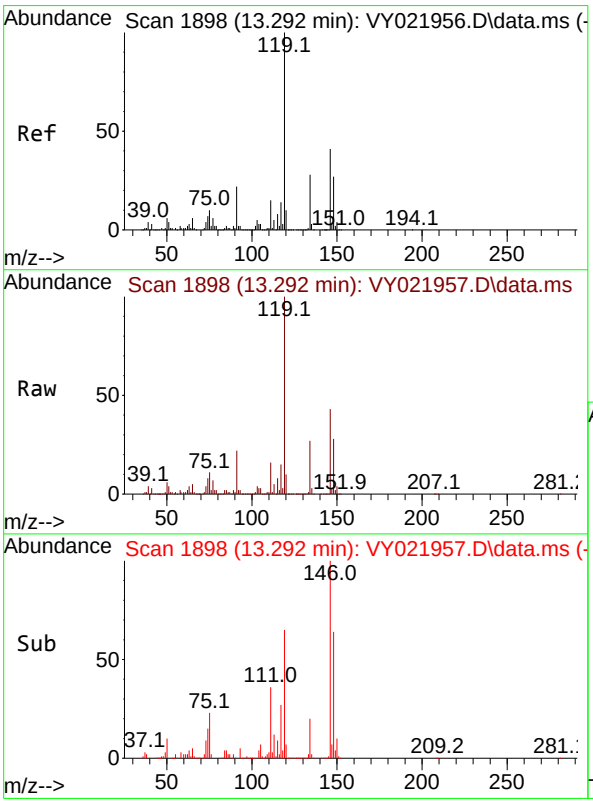
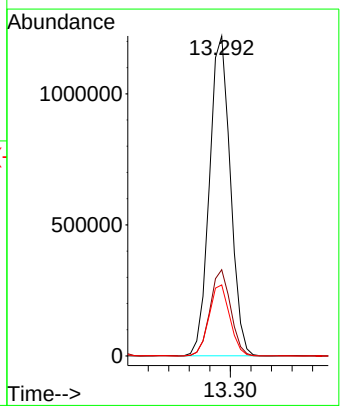
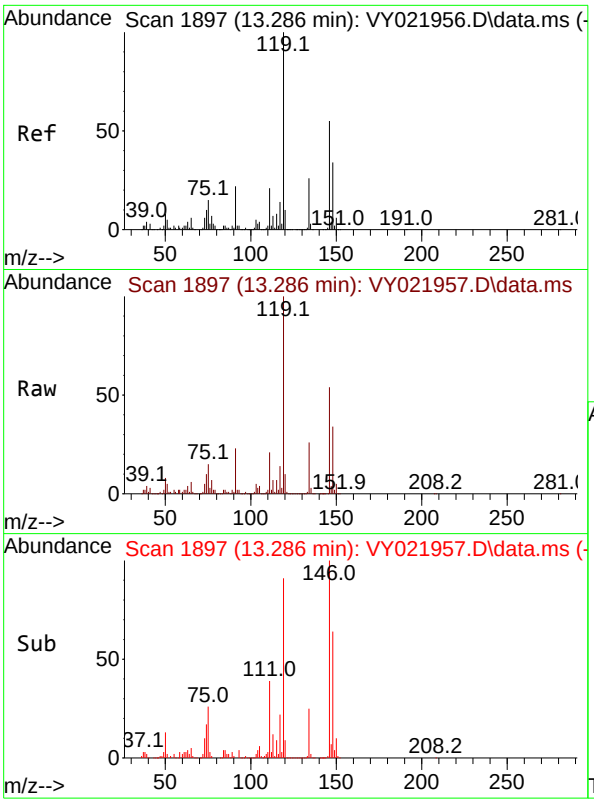


#86
p-Isopropyltoluene
Concen: 110.405 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:119 Resp: 1719877

Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.6	40.7
91	22.1	11.0	33.0

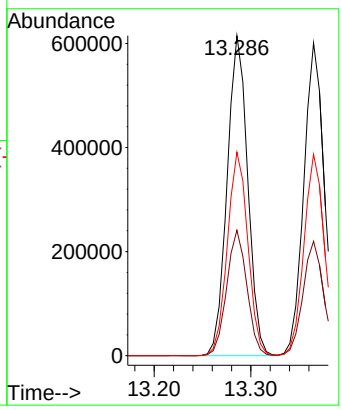




#87
1,3-Dichlorobenzene
Concen: 104.350 ug/l
RT: 13.286 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:146 Resp: 90857

Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	63.3	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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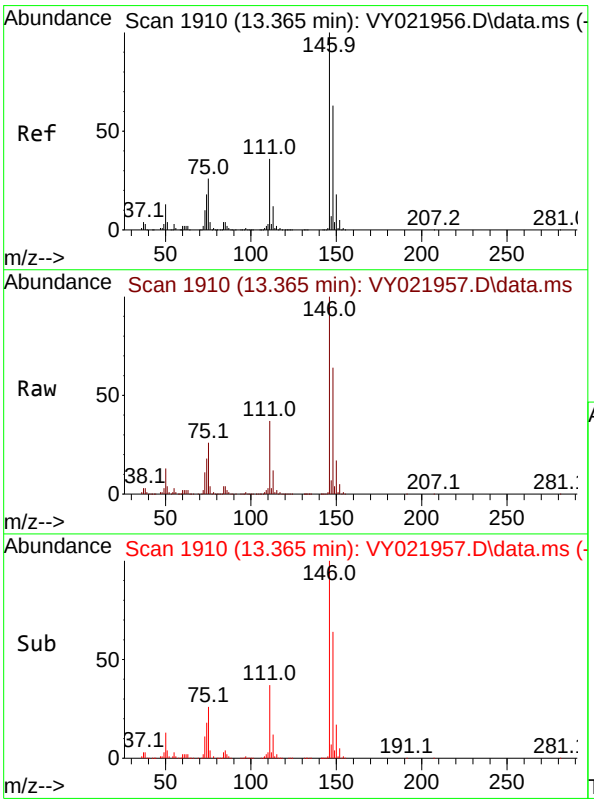
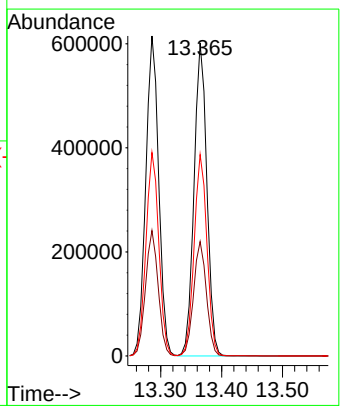
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

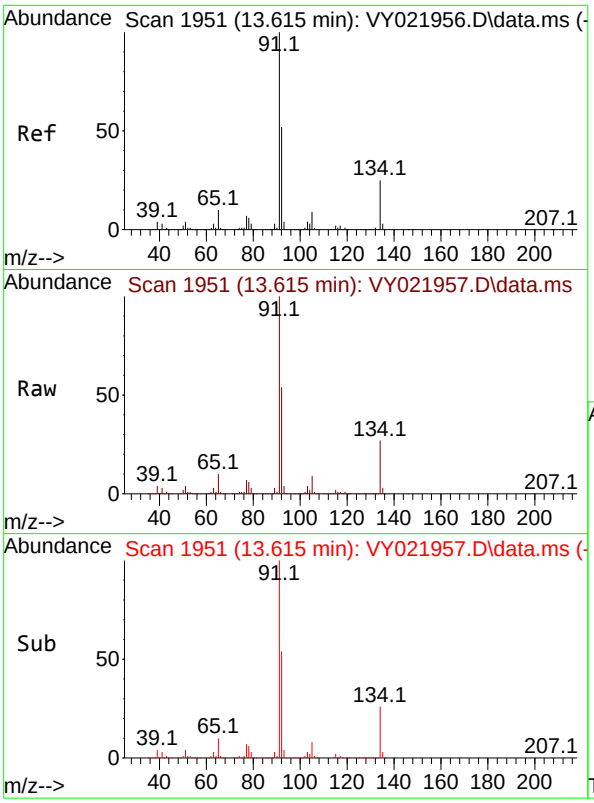


#88
1,4-Dichlorobenzene
Concen: 102.083 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:146 Resp: 880300

Ion	Ratio	Lower	Upper
146	100		
111	36.6	19.2	57.6
148	64.3	32.0	96.0

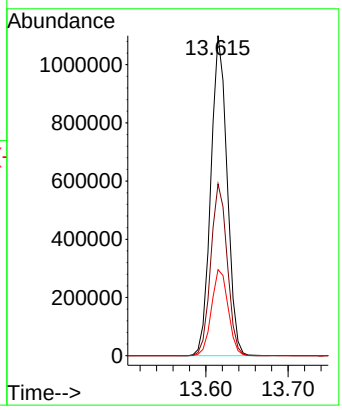




#89
n-Butylbenzene
Concen: 108.535 ug/l
RT: 13.615 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 91 Resp: 151123

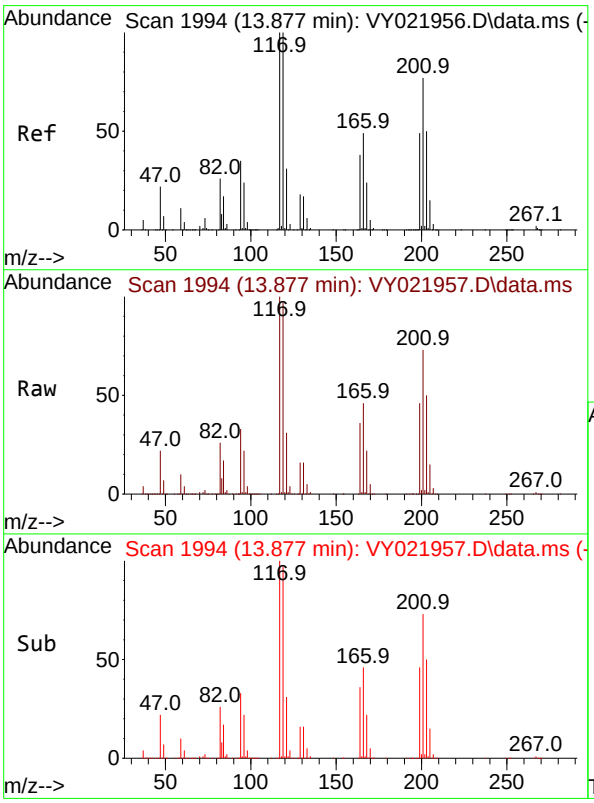
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.5	79.5
134	27.5	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

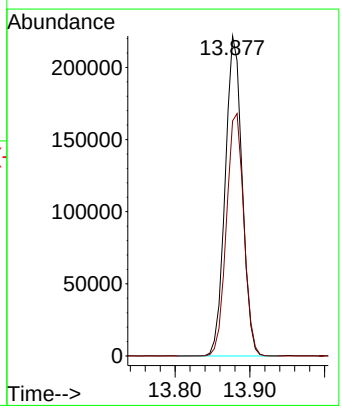
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

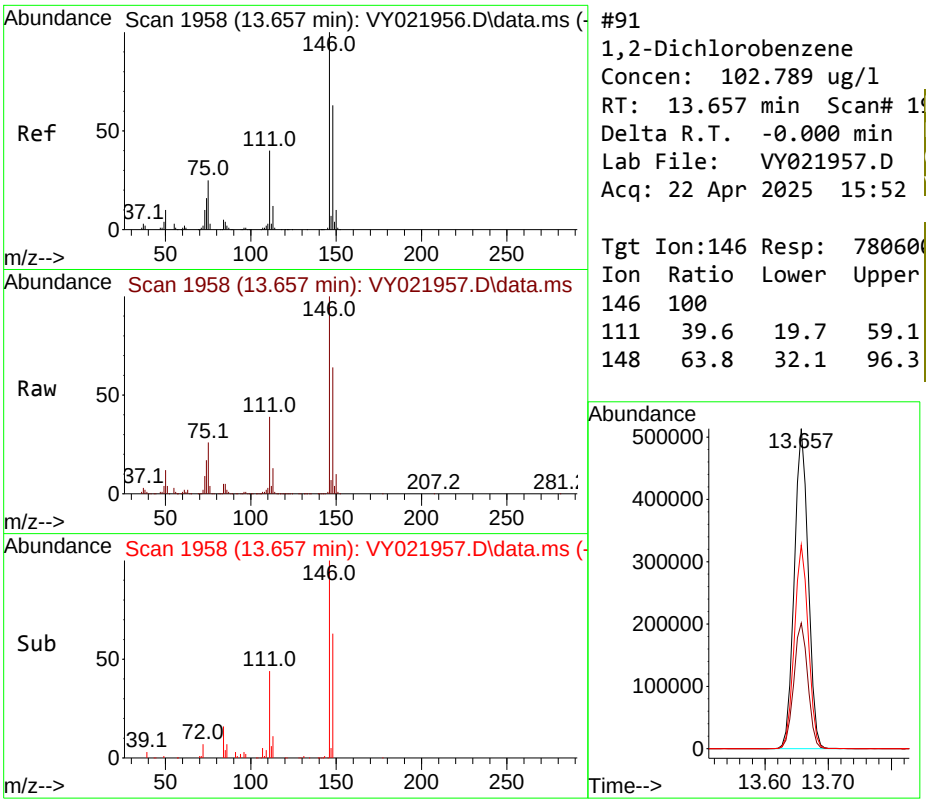


#90
Hexachloroethane
Concen: 102.221 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:117 Resp: 349860

Ion	Ratio	Lower	Upper
117	100		
201	77.9	38.7	116.1





#91
1,2-Dichlorobenzene
Concen: 102.789 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:146 Resp: 78060

Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.1
148	63.8	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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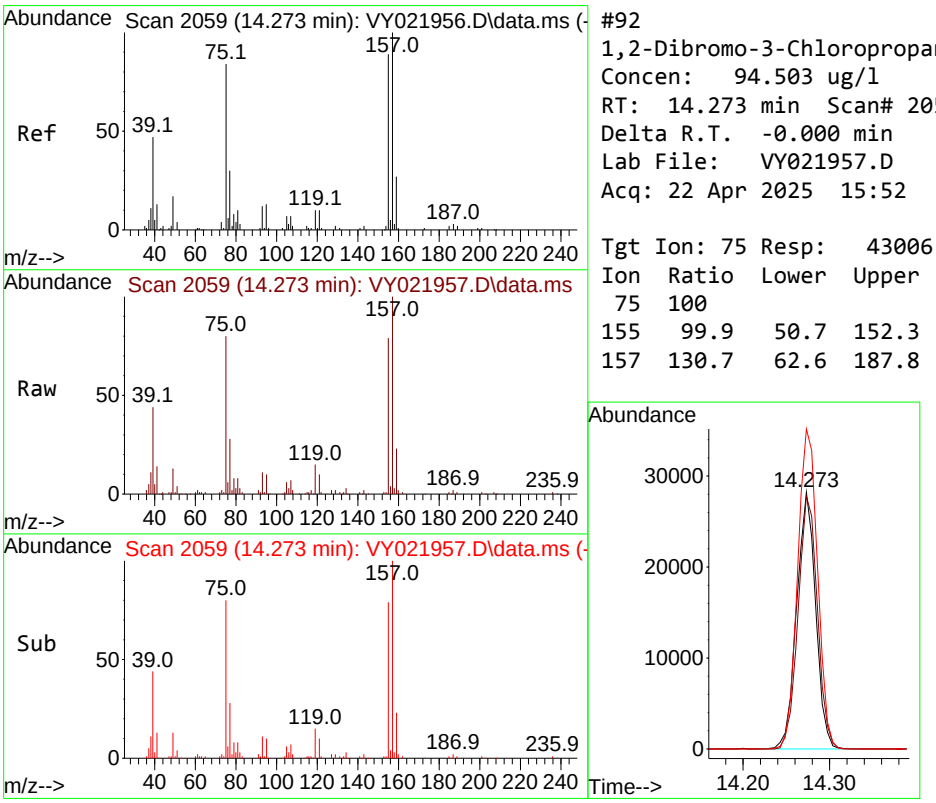
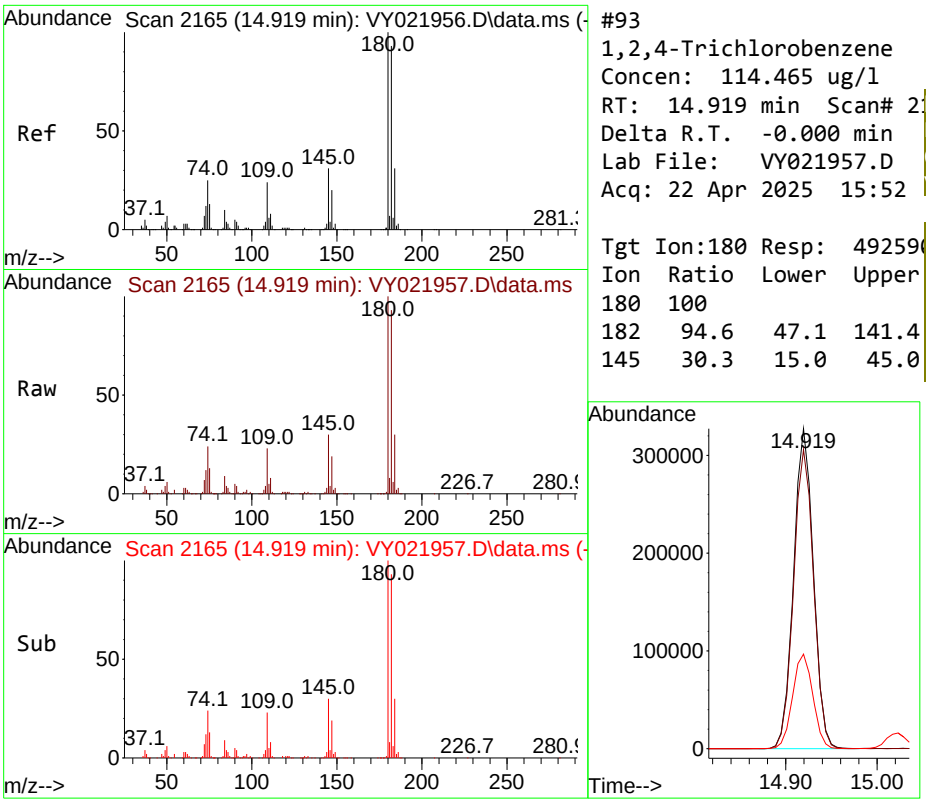
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 94.503 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 75 Resp: 43006

Ion	Ratio	Lower	Upper
75	100		
155	99.9	50.7	152.3
157	130.7	62.6	187.8



#93
1,2,4-Trichlorobenzene
Concen: 114.465 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:180 Resp: 49259

Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.1	141.4
145	30.3	15.0	45.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/23/2025
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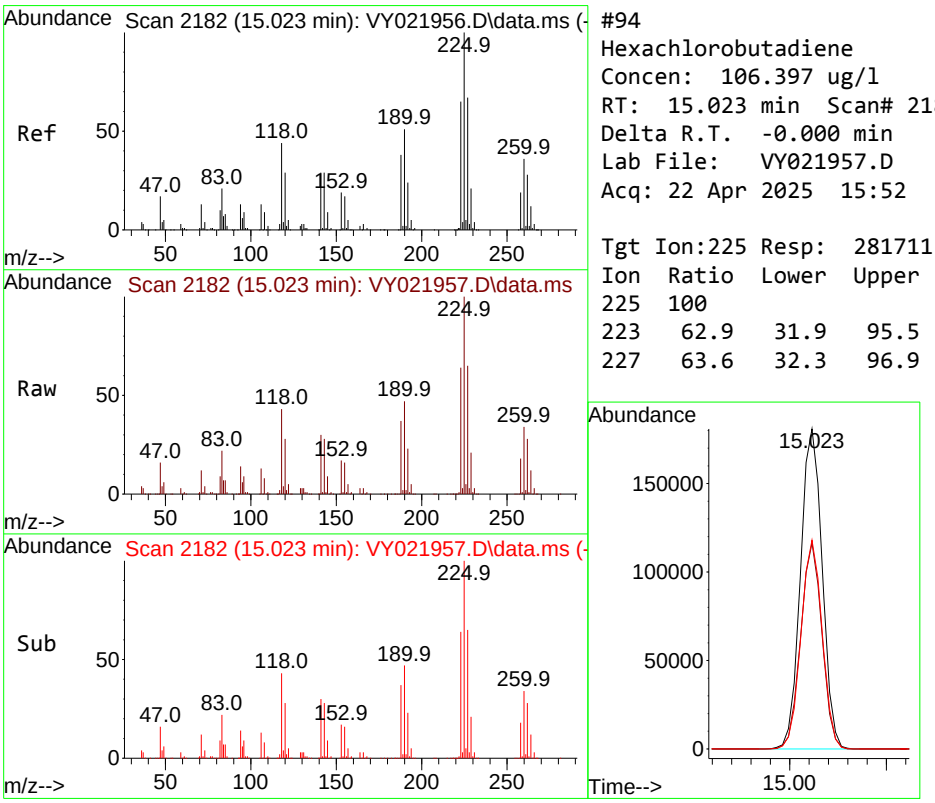
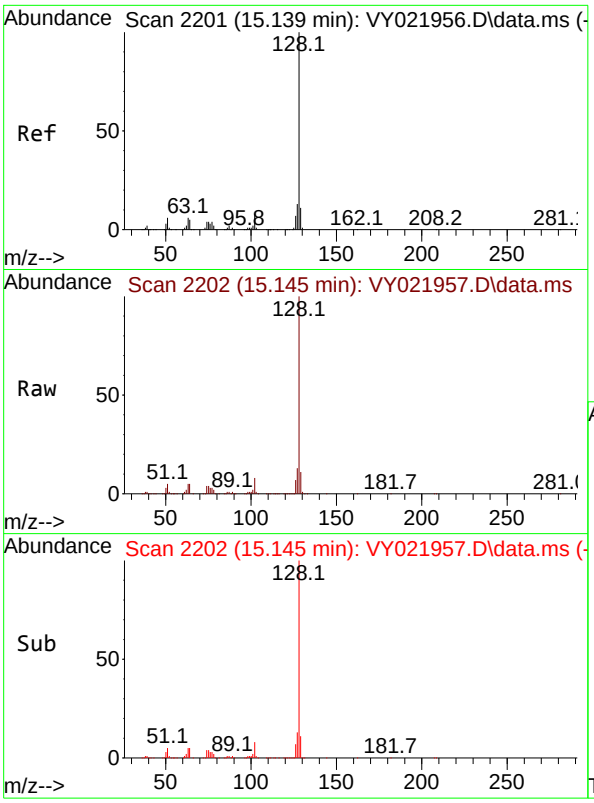


#94
Hexachlorobutadiene
Concen: 106.397 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:225 Resp: 281711

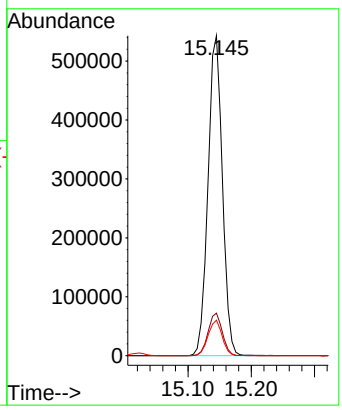
Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.5
227	63.6	32.3	96.9



#95
Naphthalene
Concen: 120.033 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:128 Resp: 85807

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.9	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/23/2025
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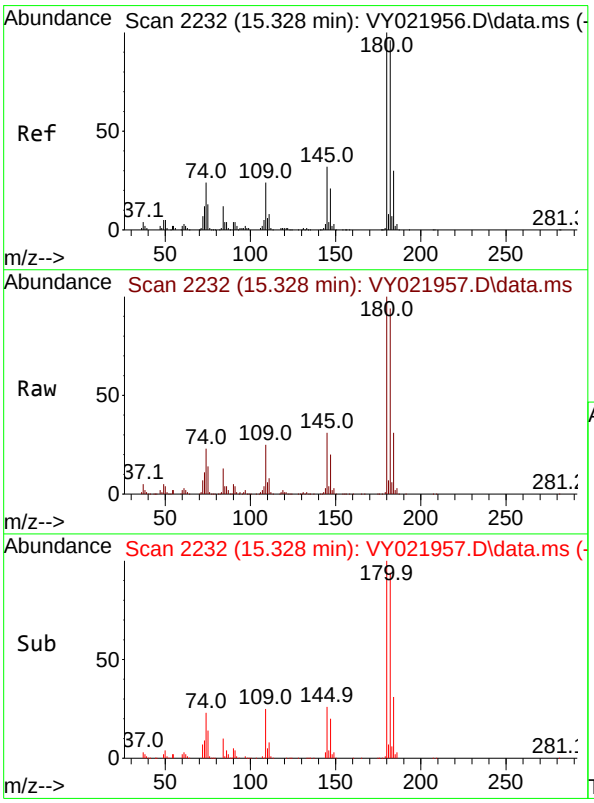
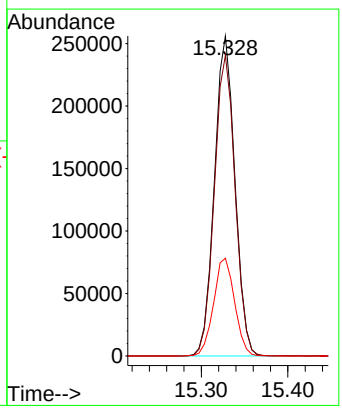


#96
1,2,3-Trichlorobenzene
Concen: 113.294 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:180 Resp: 420859

Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.1	144.4
145	31.4	16.0	48.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021958.D
Acq On : 22 Apr 2025 16:15
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:13:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	355777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	536479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	502246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	256233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	455676	138.662	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 277.320%#			
35) Dibromofluoromethane	7.634	113	525659	148.312	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 296.620%#			
50) Toluene-d8	10.103	98	2029557	151.892	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 303.780%#			
62) 4-Bromofluorobenzene	12.402	95	688061	152.965	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 305.940%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	431961	142.488	ug/l	99
3) Chloromethane	2.068	50	531232	123.066	ug/l	98
4) Vinyl Chloride	2.202	62	690264	130.127	ug/l	99
5) Bromomethane	2.580	94	587136	128.474	ug/l	100
6) Chloroethane	2.727	64	457467	126.630	ug/l	100
7) Trichlorofluoromethane	3.050	101	968200	138.417	ug/l	98
8) Diethyl Ether	3.452	74	256284	140.770	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	520779	137.247	ug/l	99
10) Methyl Iodide	4.001	142	670370	152.592	ug/l	99
11) Tert butyl alcohol	4.866	59	132009	731.707	ug/l	98
12) 1,1-Dichloroethene	3.781	96	516411	146.010	ug/l	99
13) Acrolein	3.647	56	224148	692.230	ug/l	97
14) Allyl chloride	4.379	41	595004	144.481	ug/l	99
15) Acrylonitrile	5.055	53	471687	707.705	ug/l	99
16) Acetone	3.873	43	303420	747.934	ug/l	93
17) Carbon Disulfide	4.098	76	1556842	138.054	ug/l	99
18) Methyl Acetate	4.379	43	233664	152.216	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	1210655	152.936	ug/l	98
20) Methylene Chloride	4.610	84	526924	126.805	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	568174	143.443	ug/l	96
22) Diisopropyl ether	6.019	45	1331652	145.303	ug/l	99
23) Vinyl Acetate	5.958	43	3706076	750.348	ug/l	99
24) 1,1-Dichloroethane	5.909	63	881143	138.707	ug/l	98
25) 2-Butanone	6.890	43	533125	711.701	ug/l	98
26) 2,2-Dichloropropane	6.884	77	797978	143.320	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	663284	149.760	ug/l	99
28) Bromochloromethane	7.244	49	335269	135.876	ug/l	93
29) Tetrahydrofuran	7.262	42	357581	734.980	ug/l	95
30) Chloroform	7.421	83	986793	140.042	ug/l	98
31) Cyclohexane	7.701	56	759349	139.782	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	903077	141.659	ug/l	99
36) 1,1-Dichloropropene	7.835	75	702870	147.634	ug/l	99
37) Ethyl Acetate	6.982	43	243196	144.169	ug/l	98
38) Carbon Tetrachloride	7.817	117	841409	147.902	ug/l	99
39) Methylcyclohexane	9.103	83	947546	158.153	ug/l	97
40) Benzene	8.079	78	2184995	146.818	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021958.D
Acq On : 22 Apr 2025 16:15
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 23 02:13:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.214	41	135364	144.765	ug/l	#	90
42) 1,2-Dichloroethane	8.152	62	522909	141.914	ug/l		100
43) Isopropyl Acetate	8.195	43	495904	151.020	ug/l	#	85
44) Trichloroethene	8.866	130	603635	146.435	ug/l		99
45) 1,2-Dichloropropane	9.140	63	473210	143.782	ug/l		100
46) Dibromomethane	9.225	93	300473	145.844	ug/l		99
47) Bromodichloromethane	9.420	83	758771	147.426	ug/l		100
48) Methyl methacrylate	9.219	41	243168	160.190	ug/l		97
49) 1,4-Dioxane	9.225	88	66528	3029.677	ug/l		99
51) 4-Methyl-2-Pentanone	9.994	43	1331129	773.306	ug/l		99
52) Toluene	10.170	92	1470005	152.593	ug/l		98
53) t-1,3-Dichloropropene	10.390	75	683926	154.922	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	804716	153.345	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	405335	147.287	ug/l		99
56) Ethyl methacrylate	10.439	69	530305	168.507	ug/l		99
57) 1,3-Dichloropropane	10.713	76	650614	147.471	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	1292633	840.076	ug/l		98
59) 2-Hexanone	10.756	43	896663	789.752	ug/l		99
60) Dibromochloromethane	10.908	129	574423	150.763	ug/l		100
61) 1,2-Dibromoethane	11.012	107	386950	148.938	ug/l		100
64) Tetrachloroethene	10.646	164	648295	136.828	ug/l		99
65) Chlorobenzene	11.438	112	1644879	146.452	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.518	131	584913	147.925	ug/l		100
67) Ethyl Benzene	11.518	91	2859582	155.641	ug/l		99
68) m/p-Xylenes	11.627	106	2270756	310.594	ug/l		99
69) o-Xylene	11.950	106	1079036	160.131	ug/l		99
70) Styrene	11.969	104	1821333	160.979	ug/l		100
71) Bromoform	12.127	173	345783	150.413	ug/l	#	99
73) Isopropylbenzene	12.255	105	2766822	161.622	ug/l		99
74) N-amyl acetate	12.066	43	481095	163.570	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.505	83	428838	148.581	ug/l		99
76) 1,2,3-Trichloropropane	12.554	75	304860m	135.026	ug/l		
77) Bromobenzene	12.530	156	677176	156.545	ug/l		98
78) n-propylbenzene	12.591	91	3191904	156.567	ug/l		99
79) 2-Chlorotoluene	12.676	91	1838218	155.043	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	2227887	157.948	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.298	75	138838	152.337	ug/l		98
82) 4-Chlorotoluene	12.774	91	1879346	152.484	ug/l		99
83) tert-Butylbenzene	12.993	119	2076003	164.108	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	2263509	160.437	ug/l		100
85) sec-Butylbenzene	13.176	105	2910397	157.224	ug/l		99
86) p-Isopropyltoluene	13.292	119	2552924	162.413	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	1339029	152.409	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	1293200	148.621	ug/l		98
89) n-Butylbenzene	13.615	91	2244063	159.720	ug/l		99
90) Hexachloroethane	13.877	117	520392	150.683	ug/l		98
91) 1,2-Dichlorobenzene	13.658	146	1156637	150.940	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	66731	145.323	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	737198	169.770	ug/l		99
94) Hexachlorobutadiene	15.023	225	417808	156.384	ug/l		99
95) Naphthalene	15.145	128	1336140	185.231	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	634152	169.182	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021958.D
Acq On : 22 Apr 2025 16:15
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Quant Time: Apr 23 02:13:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

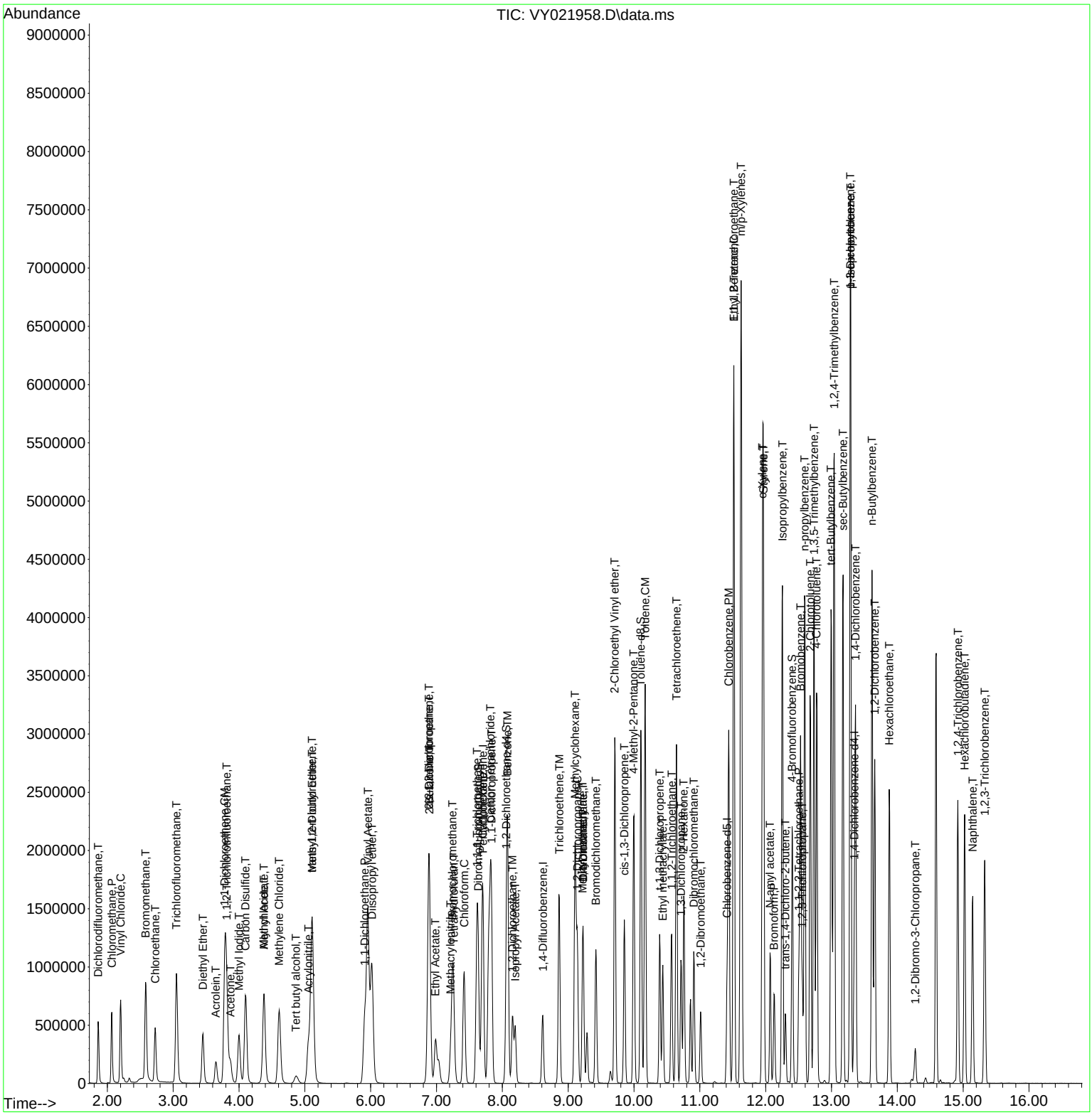
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021958.D
Acq On : 22 Apr 2025 16:15
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

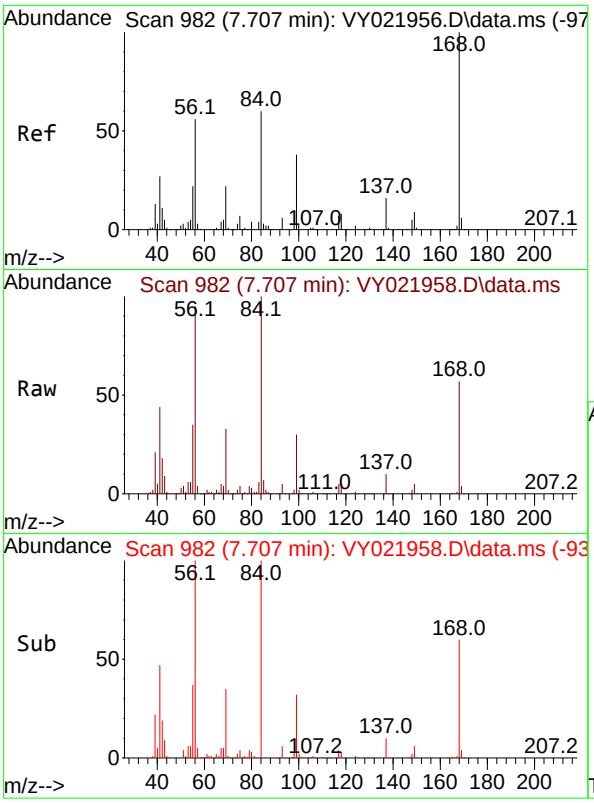
Quant Time: Apr 23 02:13:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:02:03 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

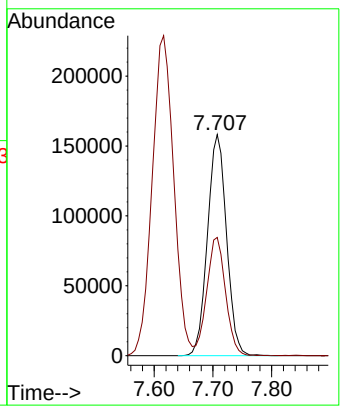




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:168 Resp: 35577

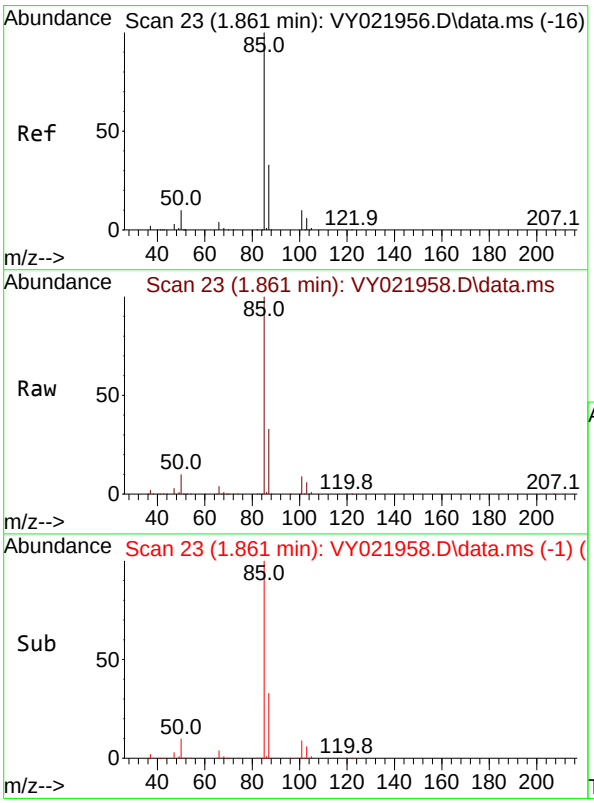
Ion	Ratio	Lower	Upper
168	100		
99	53.4	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

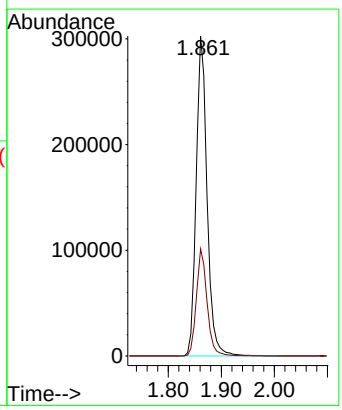
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

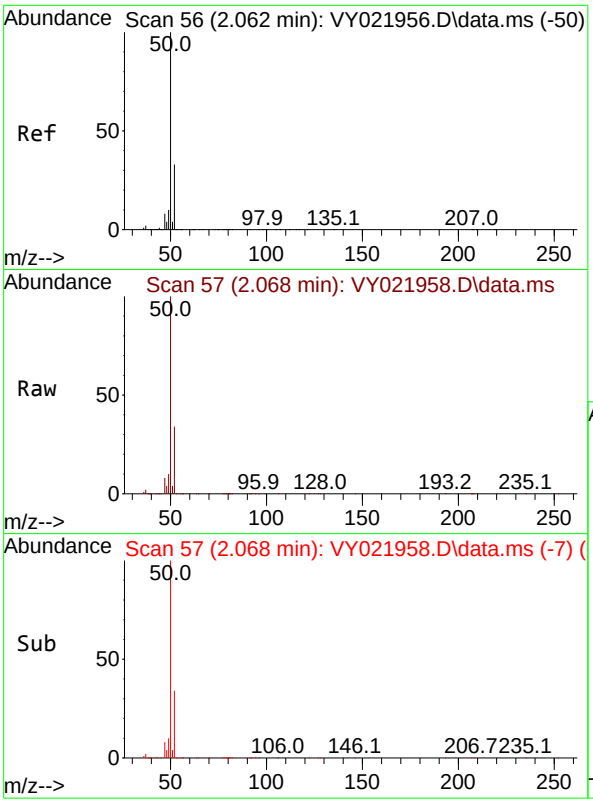


#2
Dichlorodifluoromethane
Concen: 142.488 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 85 Resp: 431961

Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.6	49.7

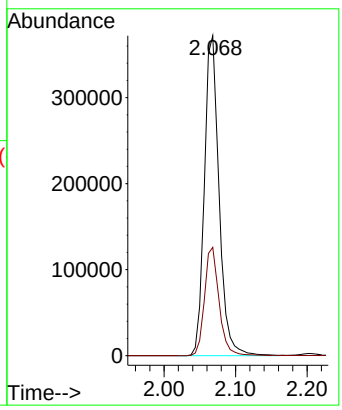




#3
Chloromethane
Concen: 123.066 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 50 Resp: 53123

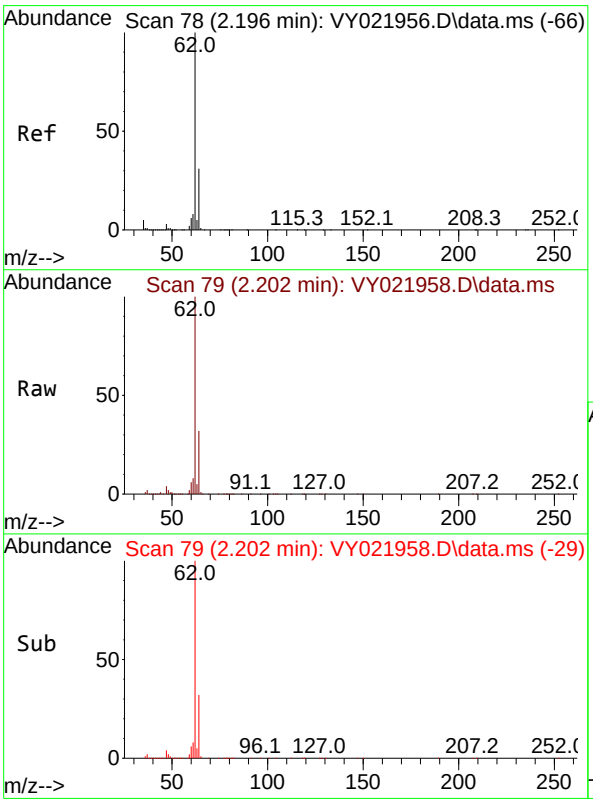
Ion	Ratio	Lower	Upper
50	100		
52	33.8	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

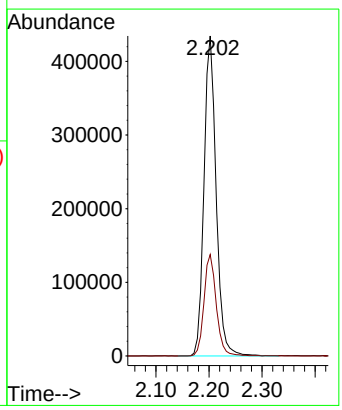
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

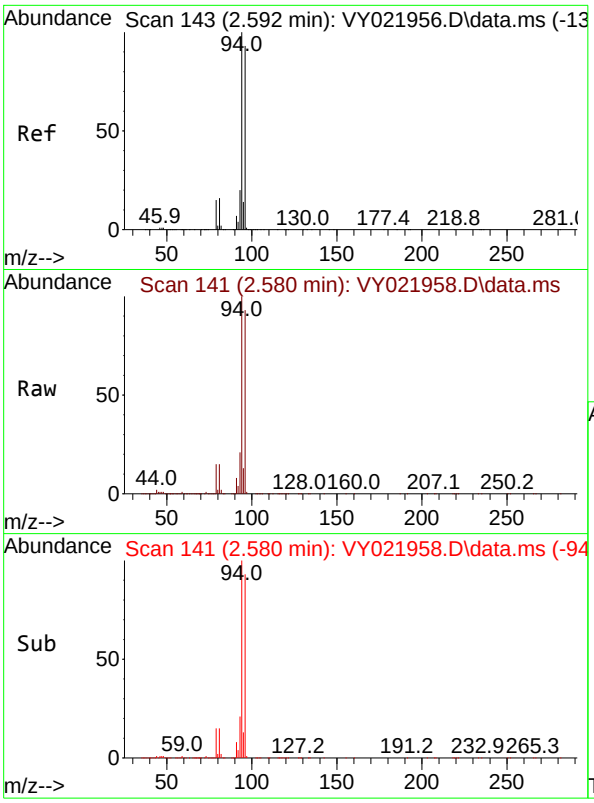


#4
Vinyl Chloride
Concen: 130.127 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 62 Resp: 690264

Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.1	37.7





#5
Bromomethane
Concen: 128.474 ug/l
RT: 2.580 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

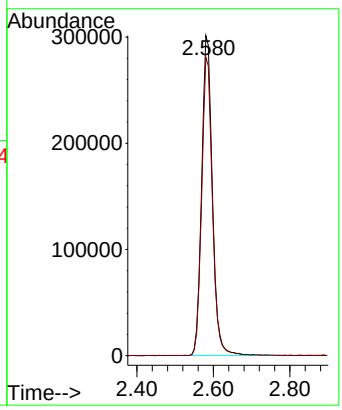
Tgt Ion: 94 Resp: 58713(

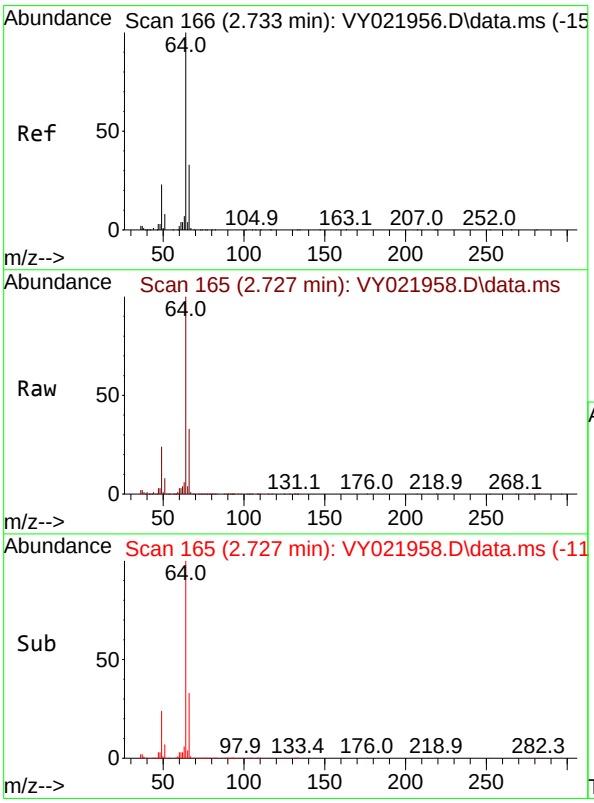
Ion	Ratio	Lower	Upper
94	100		
96	93.2	74.6	111.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

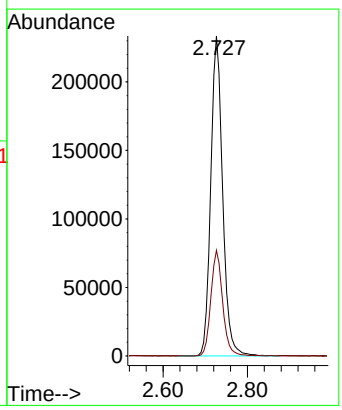


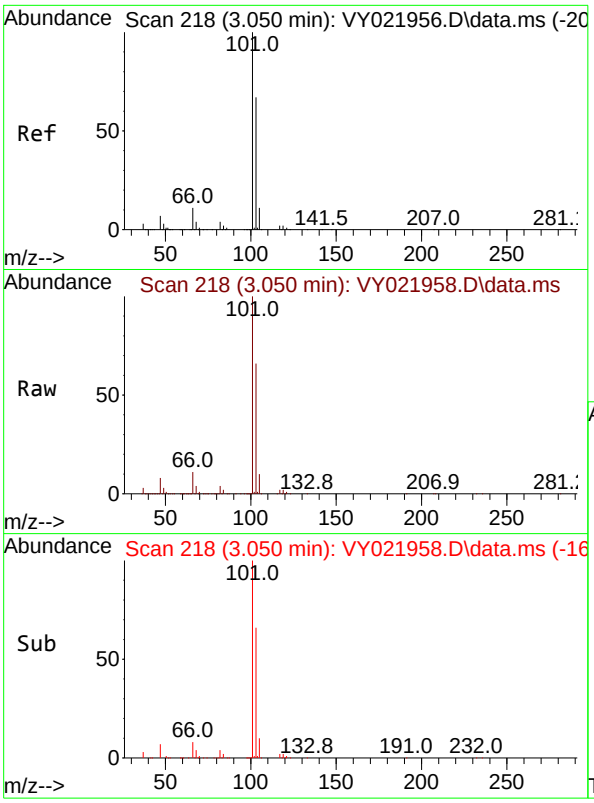


#6
Chloroethane
Concen: 126.630 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 64 Resp: 457467

Ion	Ratio	Lower	Upper
64	100		
66	32.9	26.2	39.4

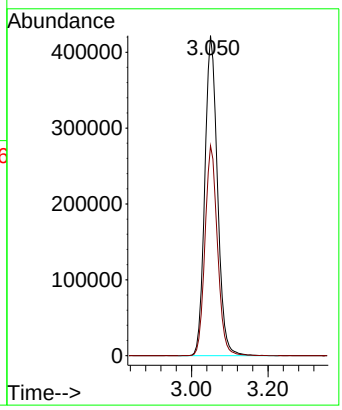




#7
Trichlorofluoromethane
Concen: 138.417 ug/l
RT: 3.050 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:101 Resp: 96820

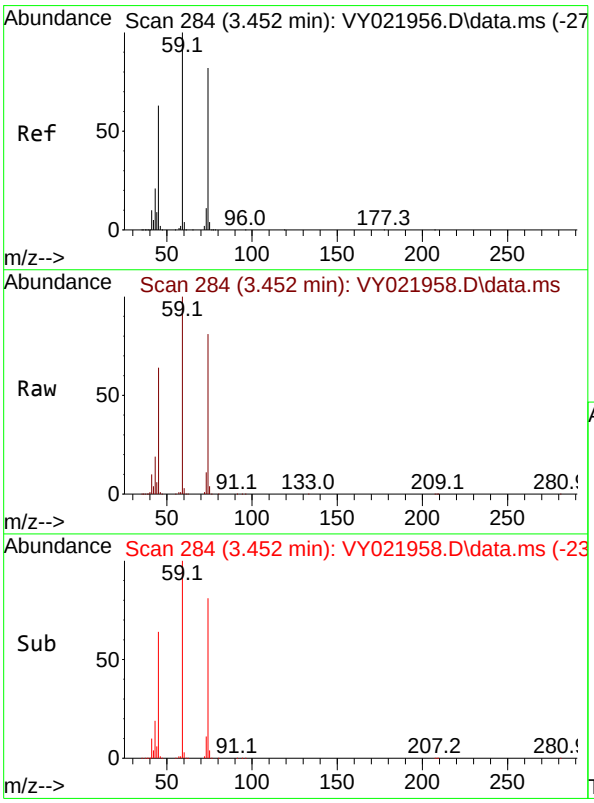
Ion	Ratio	Lower	Upper
101	100		
103	65.6	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

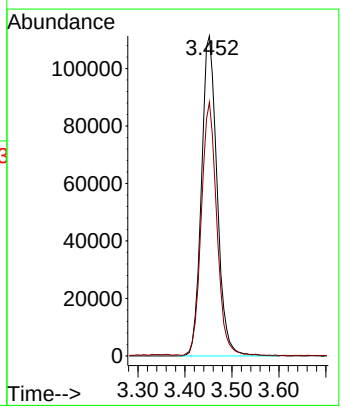
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

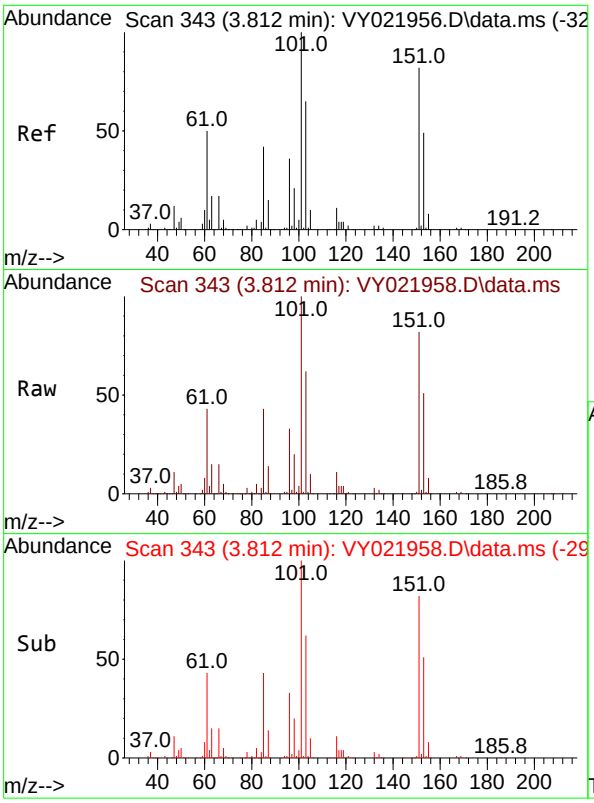


#8
Diethyl Ether
Concen: 140.770 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 74 Resp: 256284

Ion	Ratio	Lower	Upper
74	100		
45	78.2	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.247 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

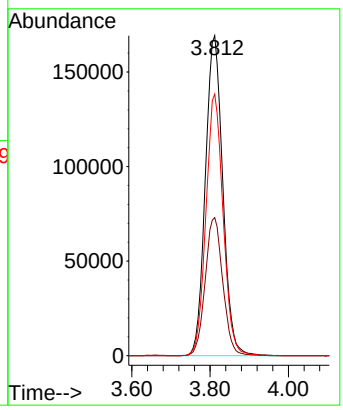
Tgt Ion:101 Resp: 52077

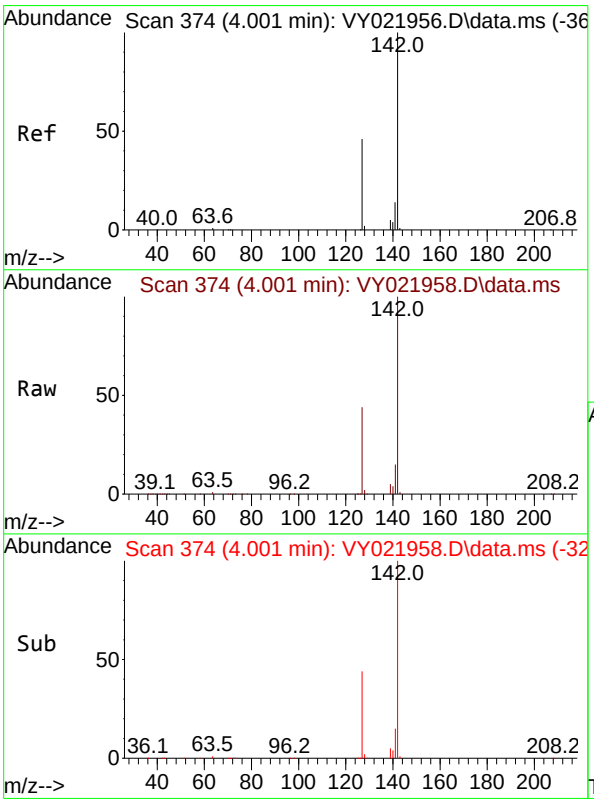
Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.6	51.8
151	80.9	63.7	95.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

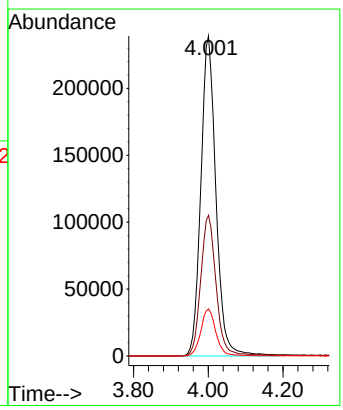


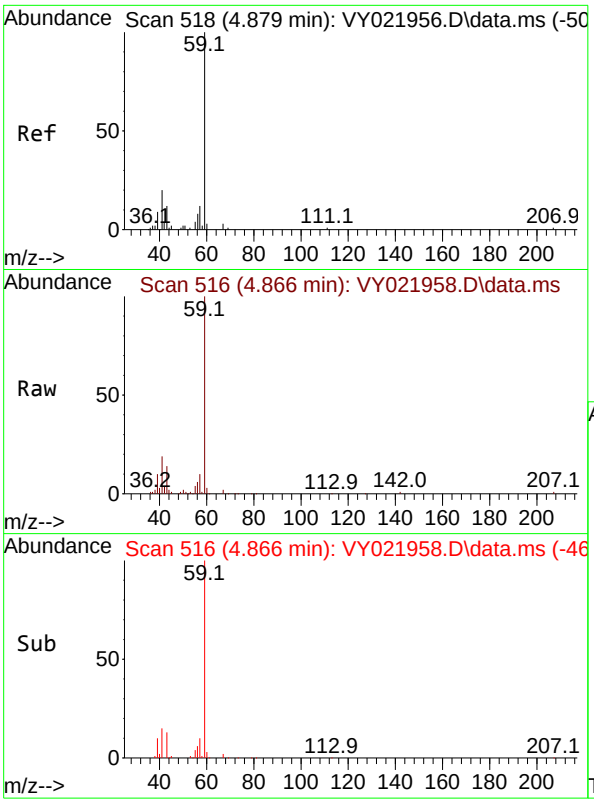


#10
Methyl Iodide
Concen: 152.592 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:142 Resp: 670370

Ion	Ratio	Lower	Upper
142	100		
127	44.8	36.2	54.2
141	14.7	11.7	17.5

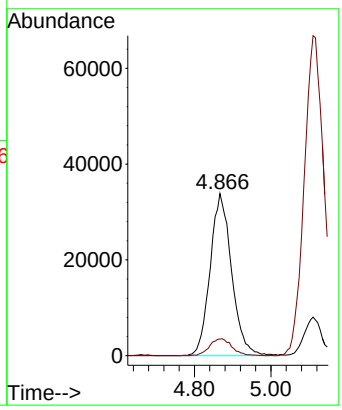




#11
Tert butyl alcohol
Concen: 731.707 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 59 Resp: 13200

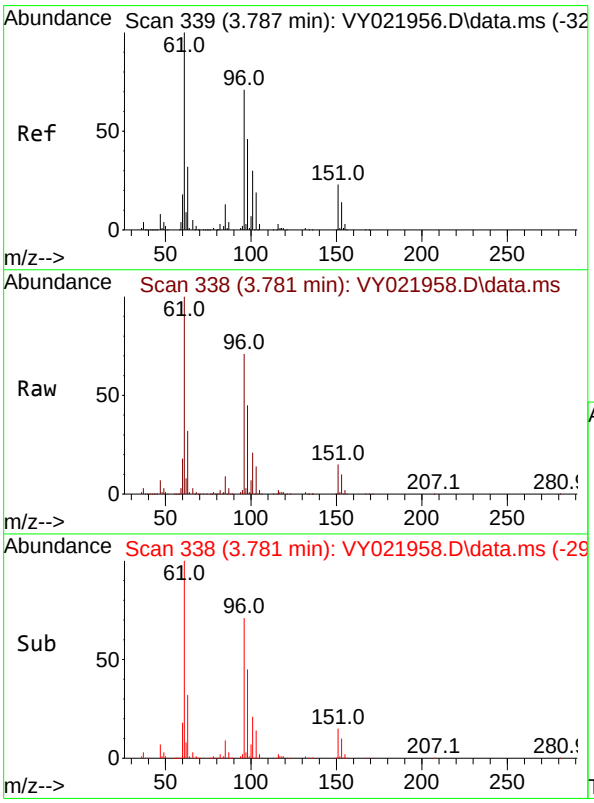
Ion	Ratio	Lower	Upper
59	100		
57	11.0	9.3	13.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

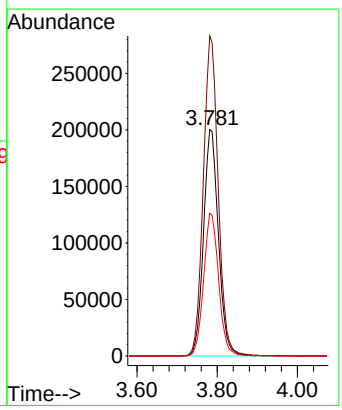
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

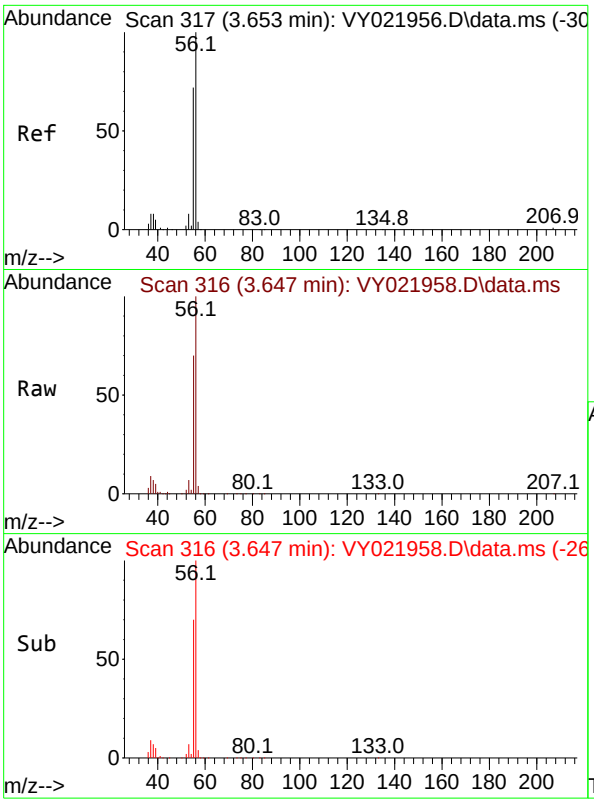


#12
1,1-Dichloroethene
Concen: 146.010 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 96 Resp: 516411

Ion	Ratio	Lower	Upper
96	100		
61	141.3	113.0	169.4
98	63.1	51.4	77.2

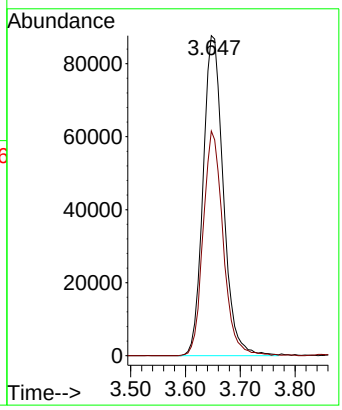




#13
Acrolein
Concen: 692.230 ug/l
RT: 3.647 min Scan# 3
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 56 Resp: 22414

Ion	Ratio	Lower	Upper
56	100		
55	69.3	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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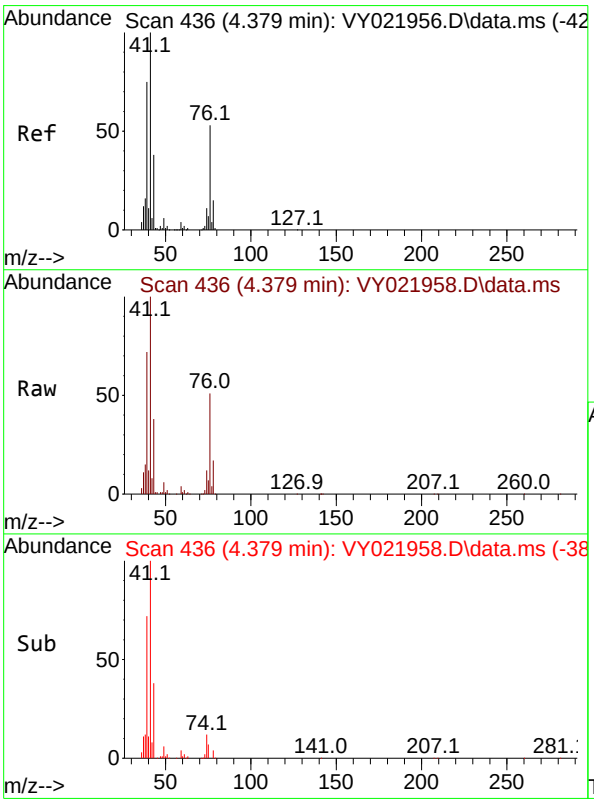
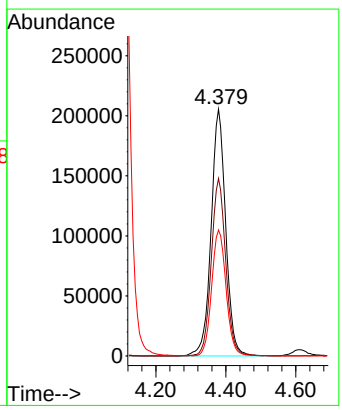
Supervised By :Mahesh Dadoda 04/23/2025

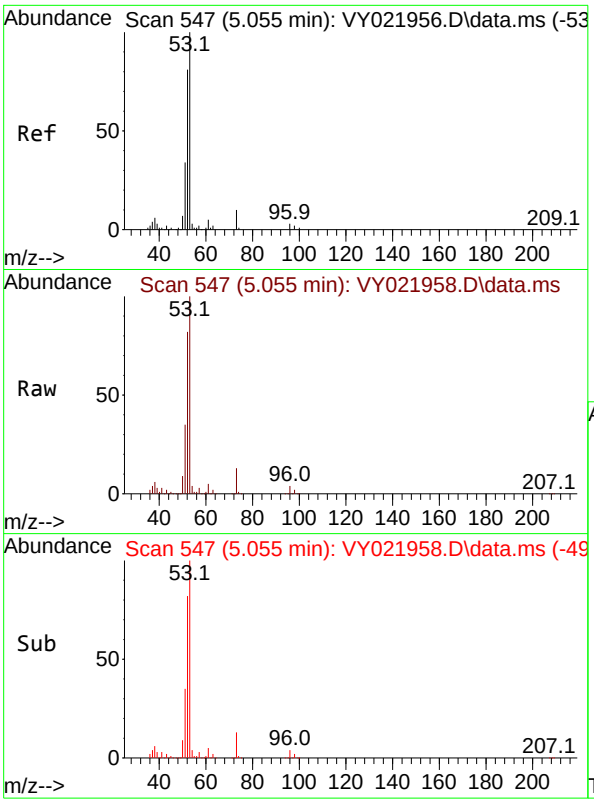


#14
Allyl chloride
Concen: 144.481 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 41 Resp: 595004

Ion	Ratio	Lower	Upper
41	100		
39	71.4	57.2	85.8
76	50.7	39.7	59.5





#15
Acrylonitrile
Concen: 707.705 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 53 Resp: 47168

Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.0	97.6
51	36.1	28.9	43.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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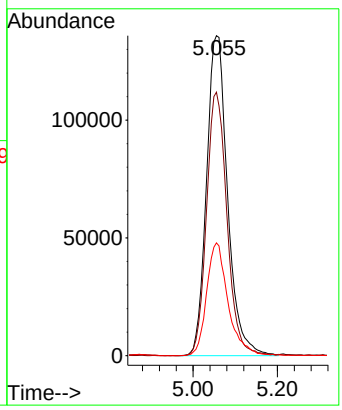
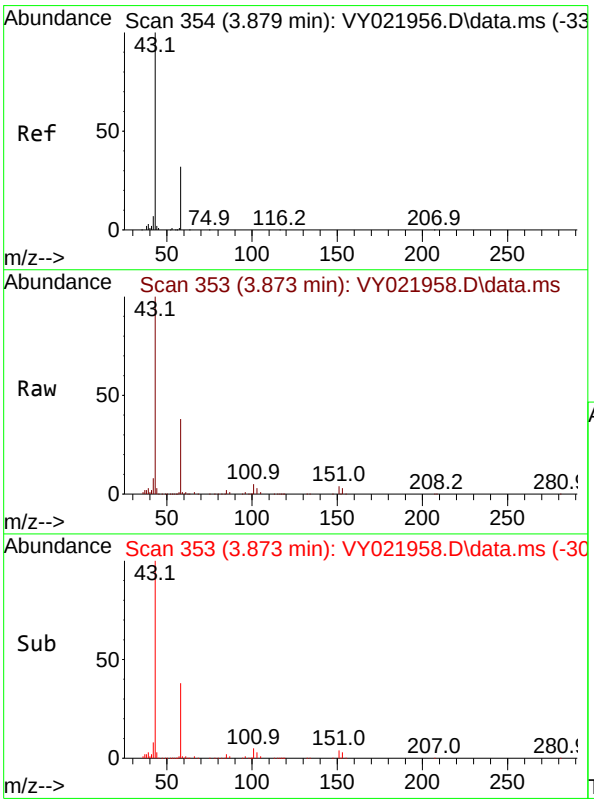
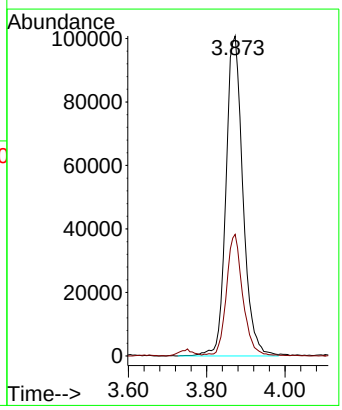


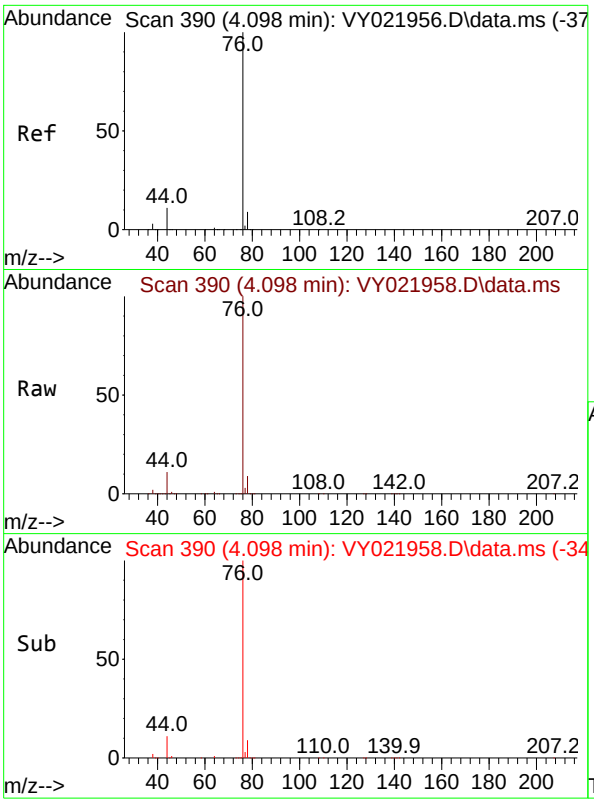


#16
Acetone
Concen: 747.934 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 303420

Ion	Ratio	Lower	Upper
43	100		
58	37.8	27.0	40.4





#17
Carbon Disulfide
Concen: 138.054 ug/l
RT: 4.098 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 76 Resp: 155684

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.6	11.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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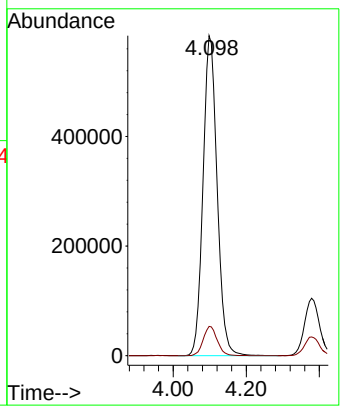
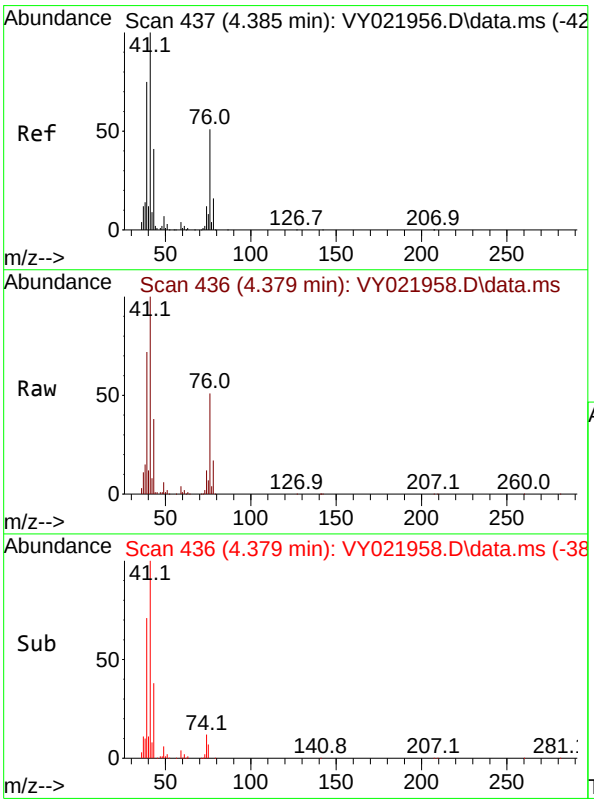
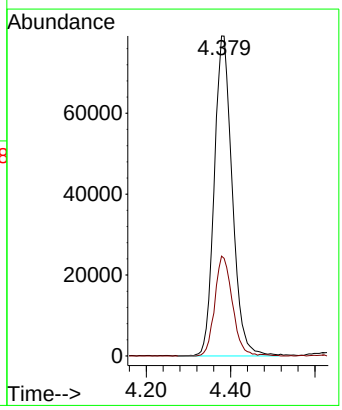


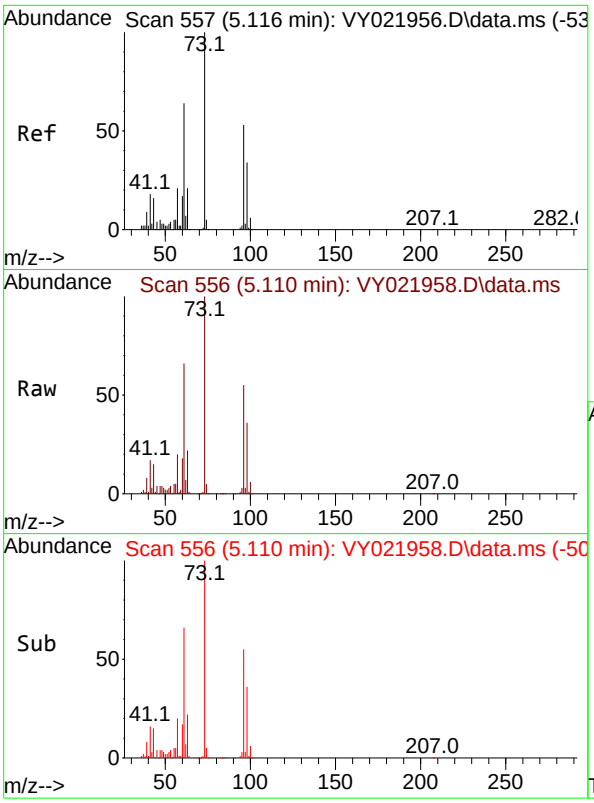


#18
Methyl Acetate
Concen: 152.216 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 233664

Ion	Ratio	Lower	Upper
43	100		
74	30.5	24.2	36.4

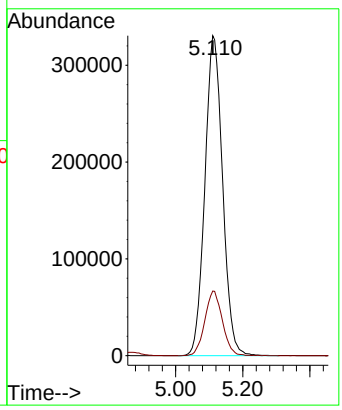




#19
Methyl tert-butyl Ether
Concen: 152.936 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 73 Resp: 121065

Ion	Ratio	Lower	Upper
73	100		
57	20.2	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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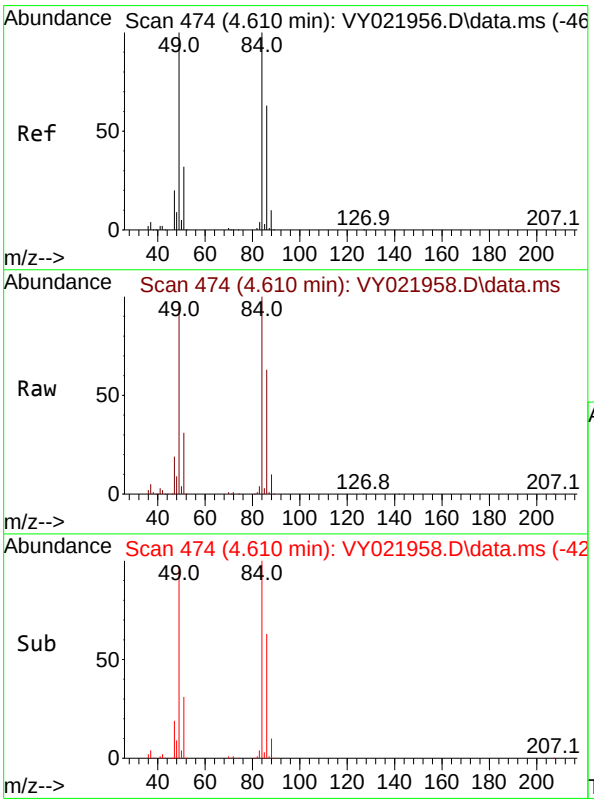
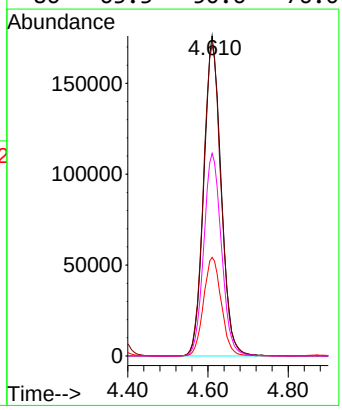
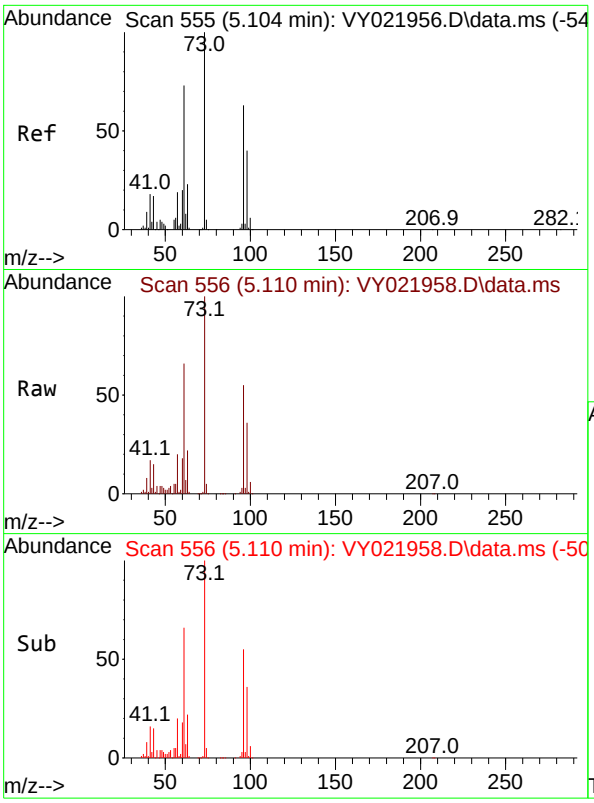


#20
Methylene Chloride
Concen: 126.805 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 84 Resp: 526924

Ion	Ratio	Lower	Upper
84	100		
49	97.3	79.9	119.9
51	30.8	25.4	38.0
86	63.3	50.6	76.0

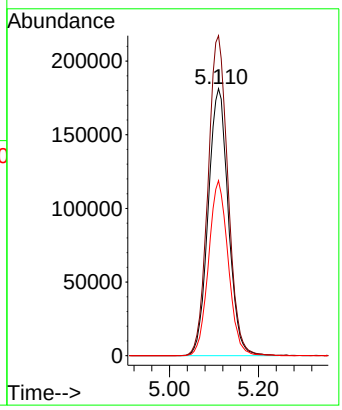




#21
trans-1,2-Dichloroethene
Concen: 143.443 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 96 Resp: 56817

Ion	Ratio	Lower	Upper
96	100		
61	119.7	92.6	138.8
98	65.6	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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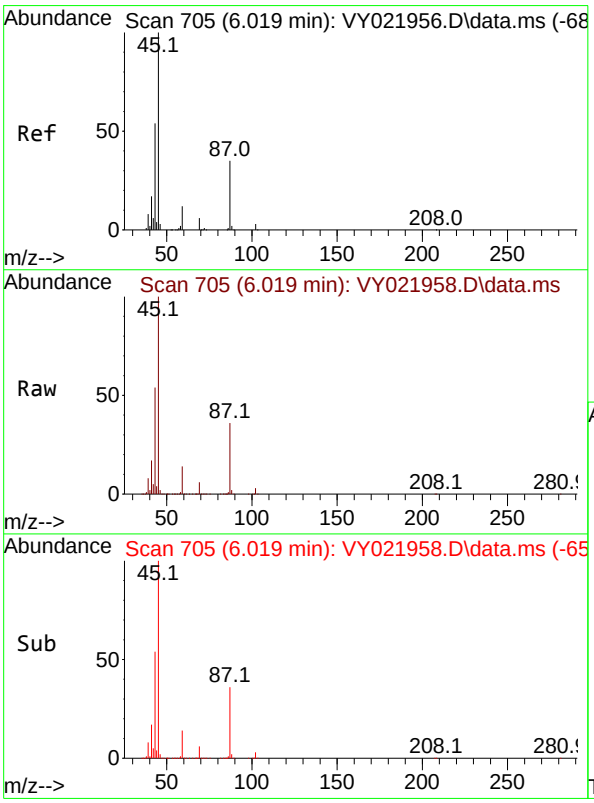
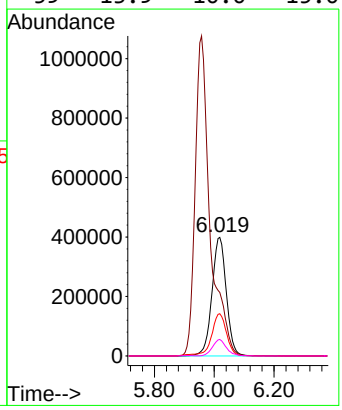
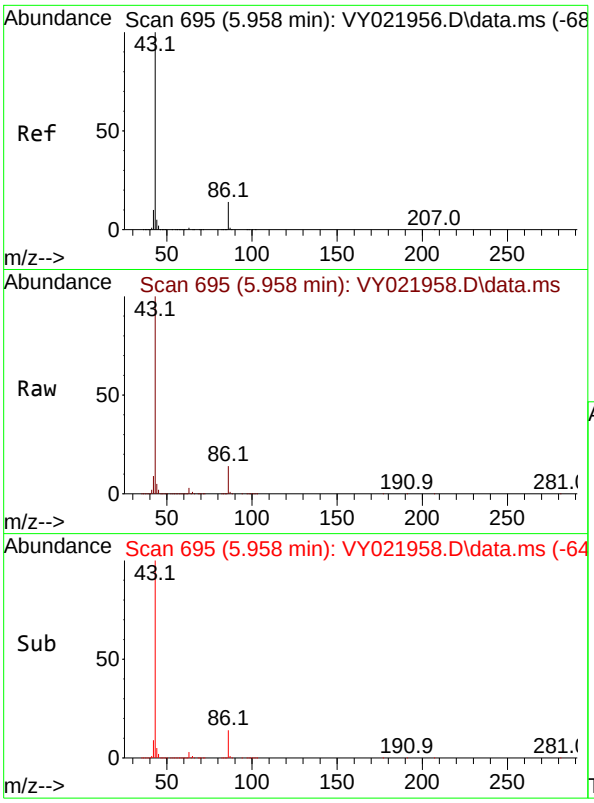


#22
Diisopropyl ether
Concen: 145.303 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 45 Resp: 1331652

Ion	Ratio	Lower	Upper
45	100		
43	53.6	43.6	65.4
87	35.7	28.2	42.4
59	13.9	10.0	15.0

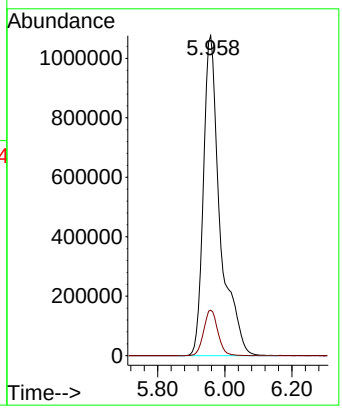




#23
Vinyl Acetate
Concen: 750.348 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 370607

Ion	Ratio	Lower	Upper
43	100		
86	14.2	11.1	16.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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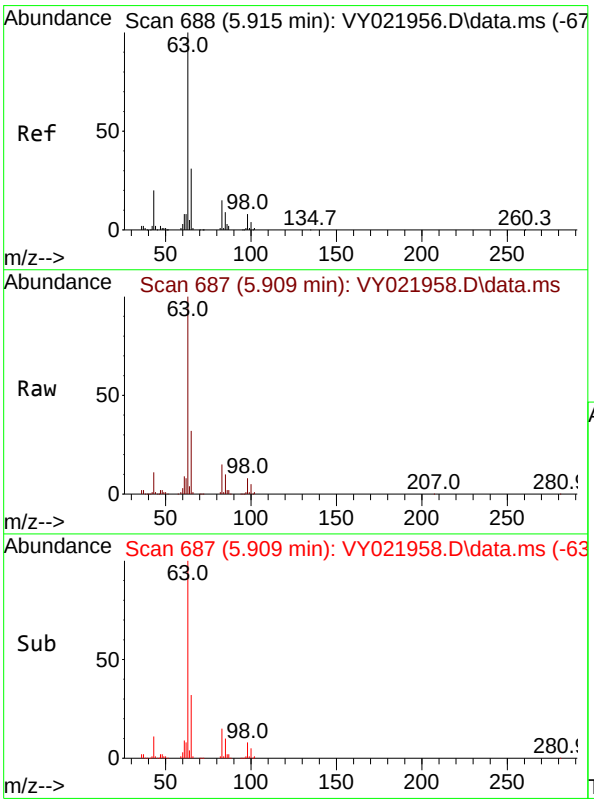
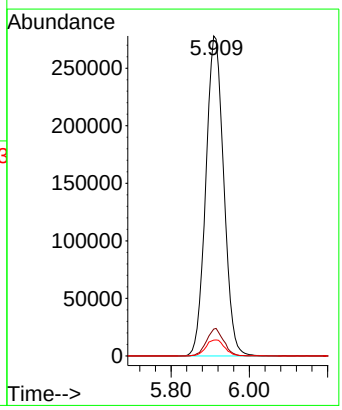
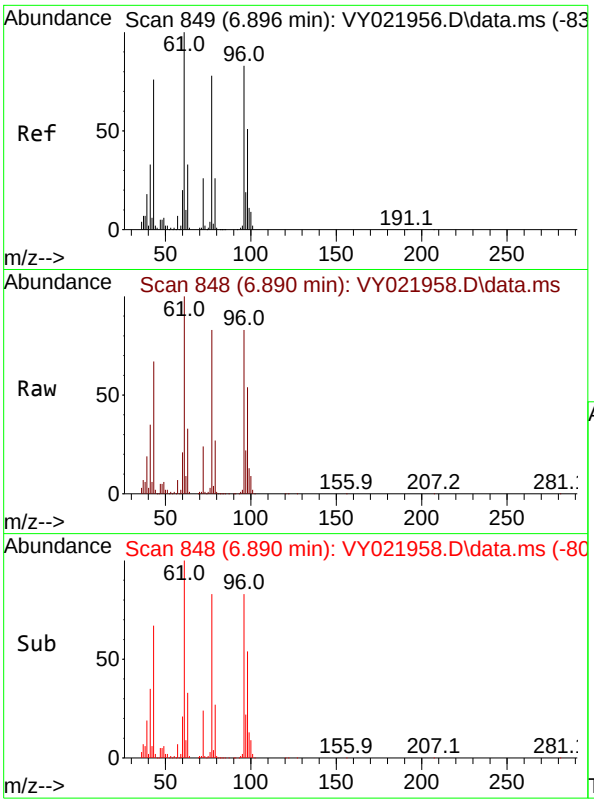


#24
1,1-Dichloroethane
Concen: 138.707 ug/l
RT: 5.909 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 63 Resp: 881143

Ion	Ratio	Lower	Upper
63	100		
98	8.4	4.0	11.9
100	4.9	2.0	6.0





#25
2-Butanone
Concen: 711.701 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 53312

Ion	Ratio	Lower	Upper
43	100		
72	35.1	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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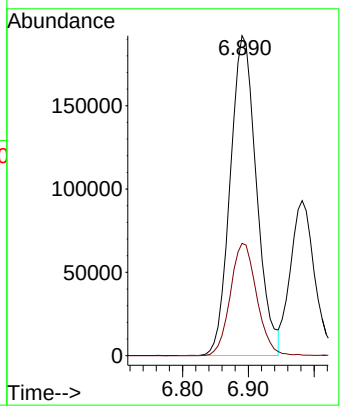
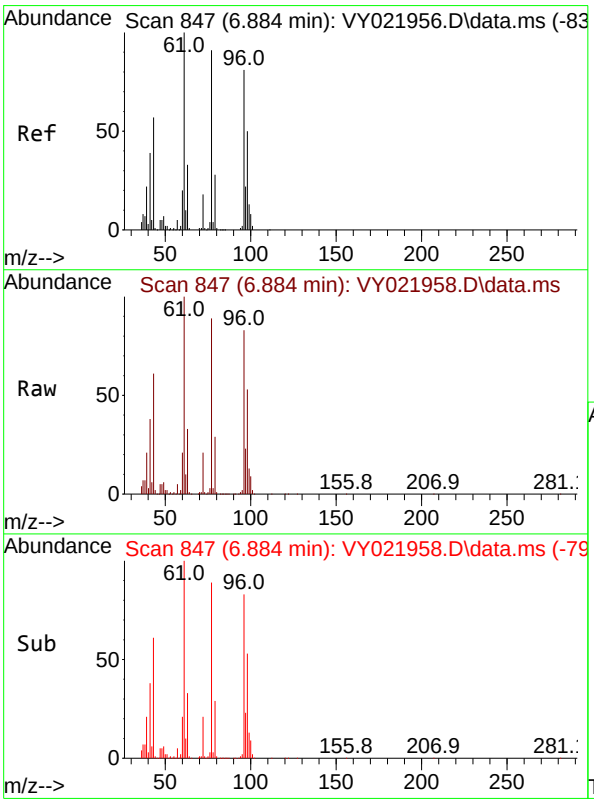
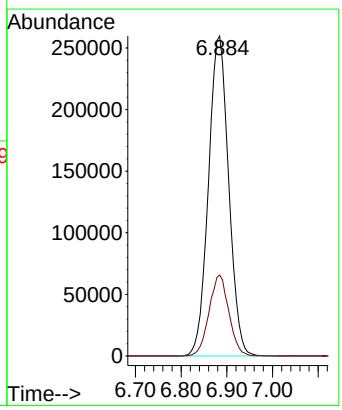


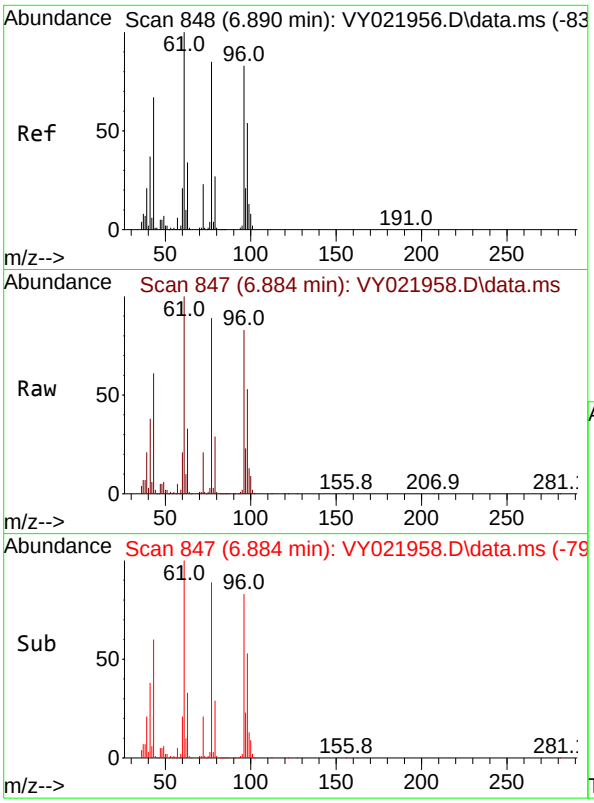


#26
2,2-Dichloropropane
Concen: 143.320 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 77 Resp: 797978

Ion	Ratio	Lower	Upper
77	100		
97	24.8	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 149.760 ug/l
RT: 6.884 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 96 Resp: 66328

Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	251.4
98	64.7	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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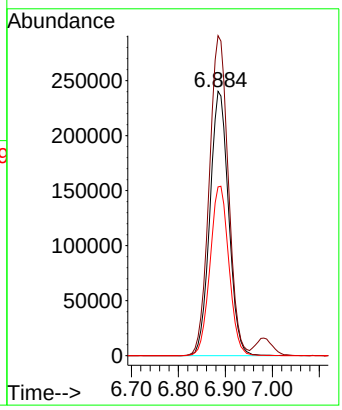
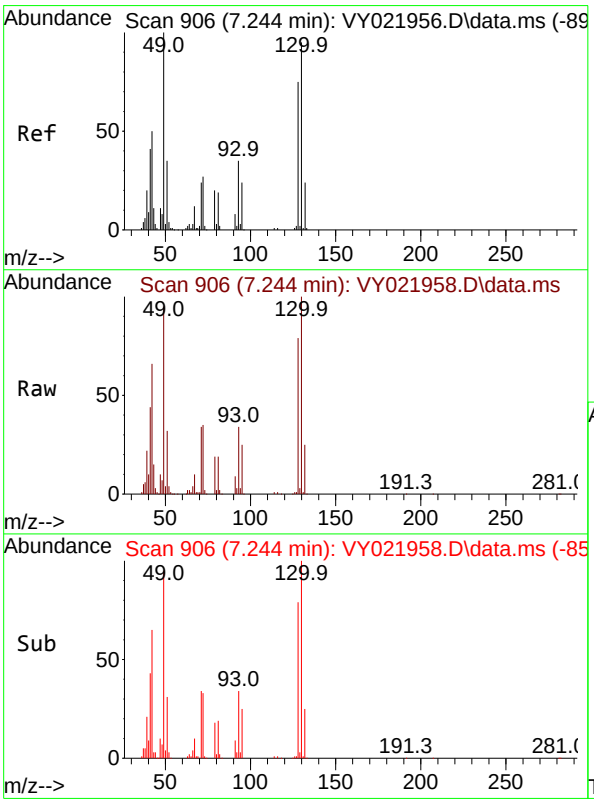
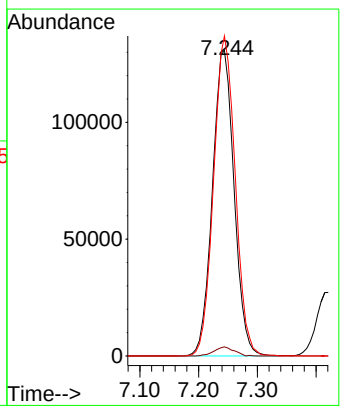


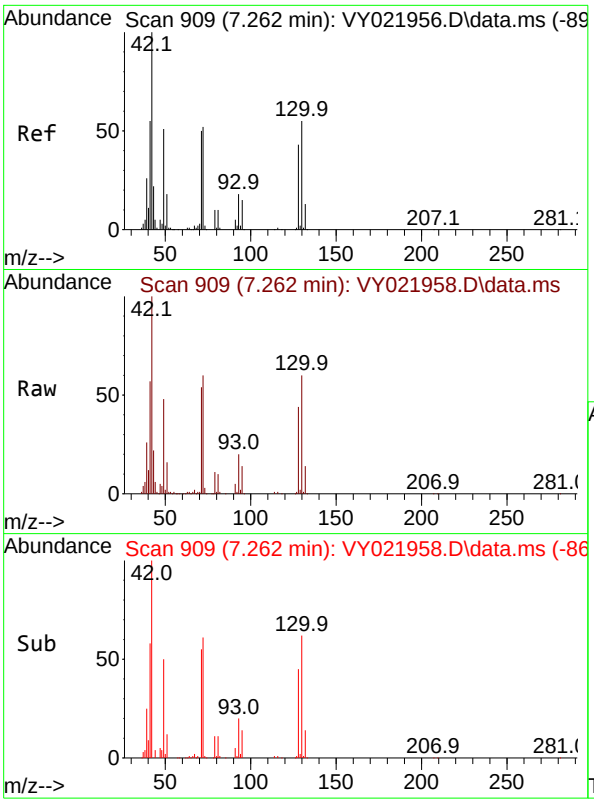


#28
Bromochloromethane
Concen: 135.876 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 49 Resp: 335269

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	104.5	78.2	117.4

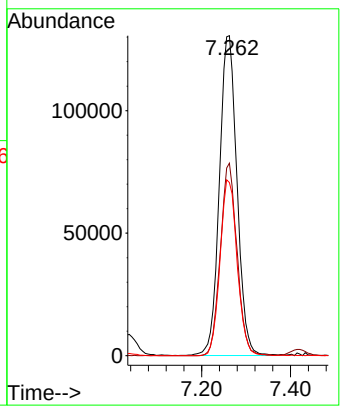




#29
Tetrahydrofuran
Concen: 734.980 ug/l
RT: 7.262 min Scan# 9(
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 42 Resp: 35758

Ion	Ratio	Lower	Upper
42	100		
72	57.2	42.6	63.8
71	53.5	40.6	61.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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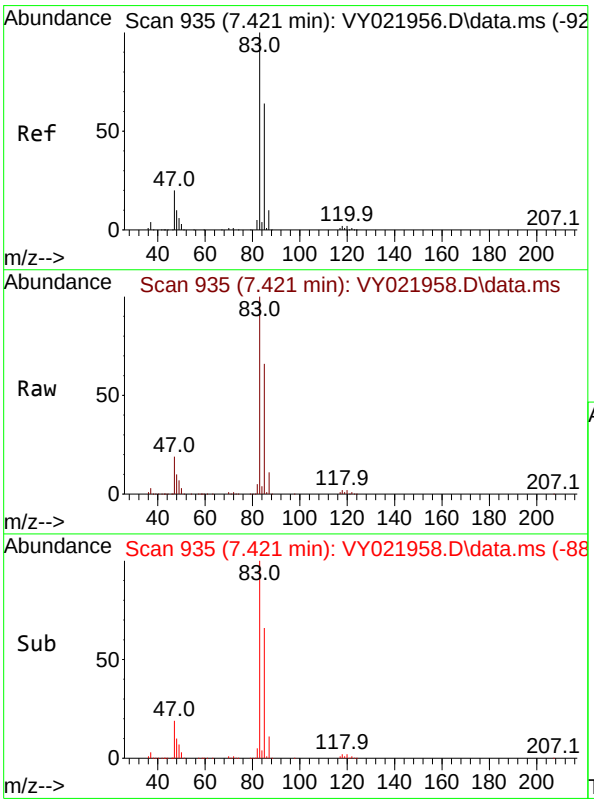
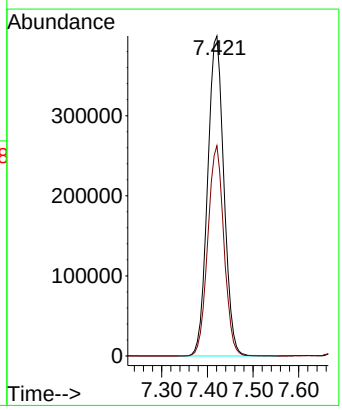
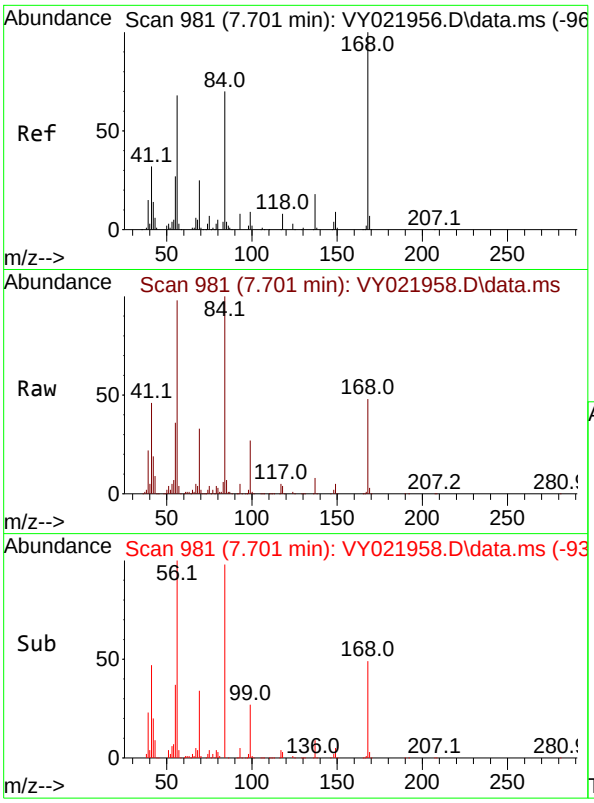


#30
Chloroform
Concen: 140.042 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 83 Resp: 986793

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.3	76.9

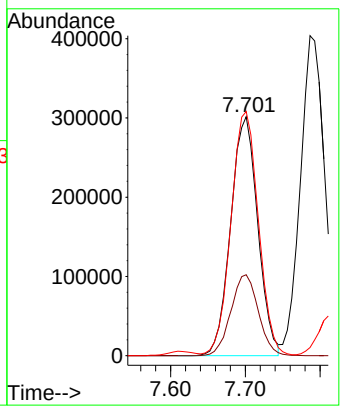




#31
Cyclohexane
Concen: 139.782 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 56 Resp: 75934

Ion	Ratio	Lower	Upper
56	100		
69	33.8	29.4	44.2
84	100.2	82.2	123.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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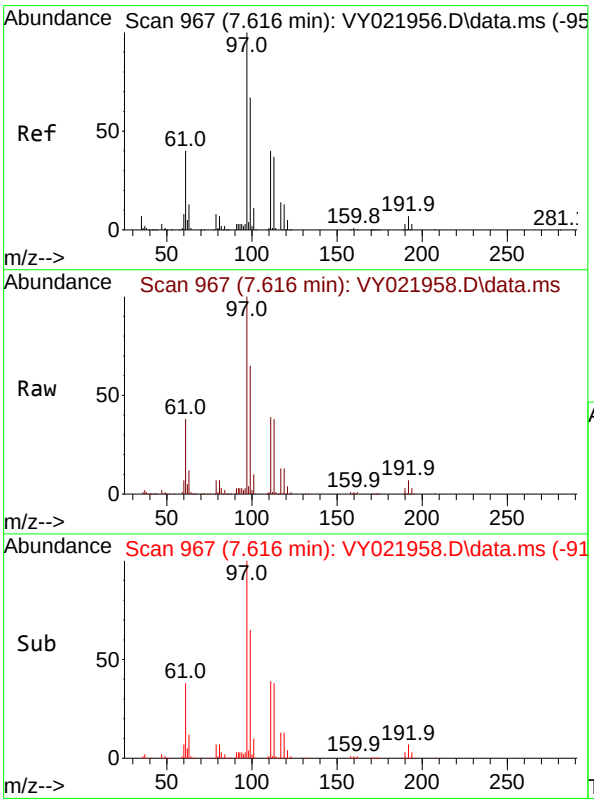
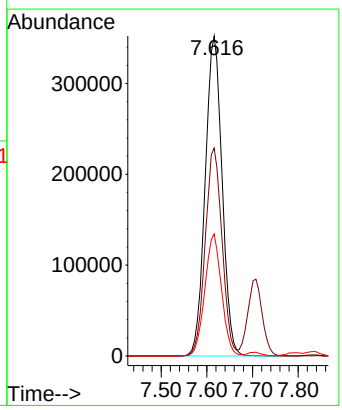
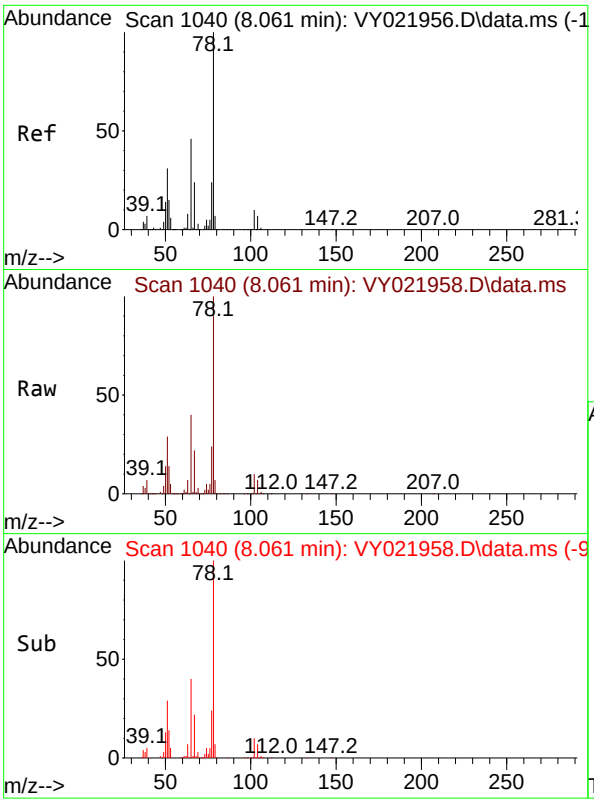


#32
1,1,1-Trichloroethane
Concen: 141.659 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 97 Resp: 903077

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	37.7	31.4	47.2

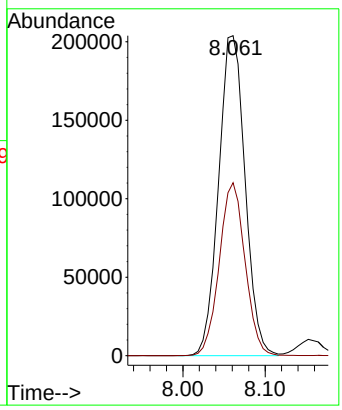




#33
1,2-Dichloroethane-d4
Concen: 138.662 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 65 Resp: 45567

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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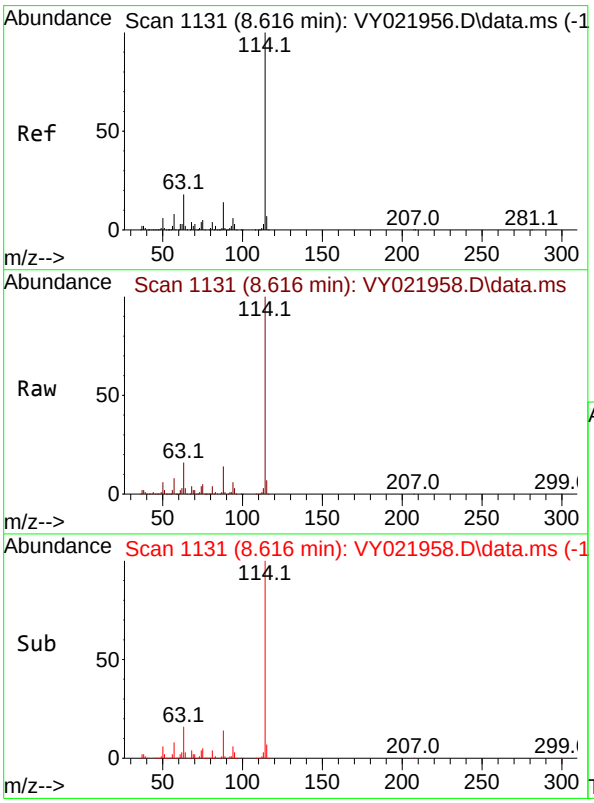
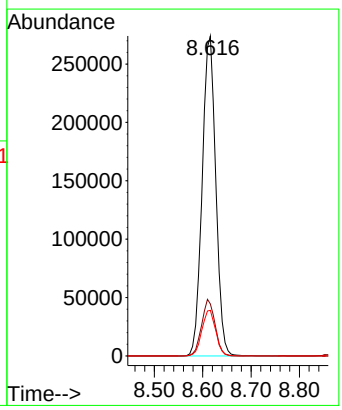
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

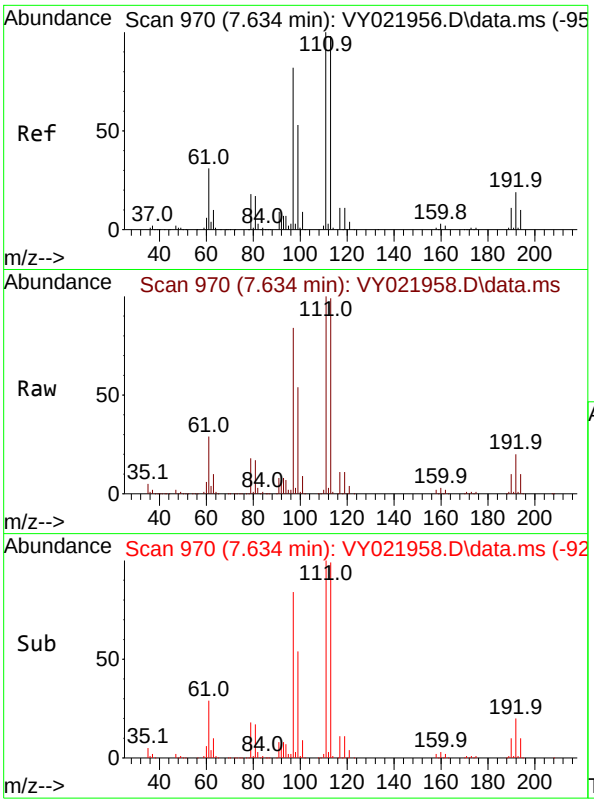


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:114 Resp: 536479

Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	35.4
88	14.2	0.0	28.2

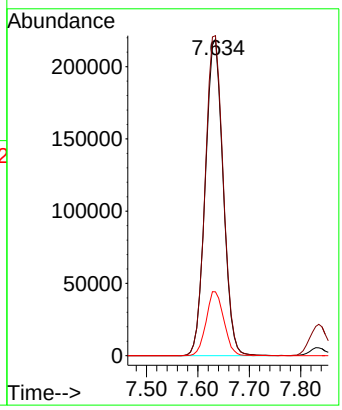




#35
Dibromofluoromethane
Concen: 148.312 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:113 Resp: 52565

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	20.2	15.6	23.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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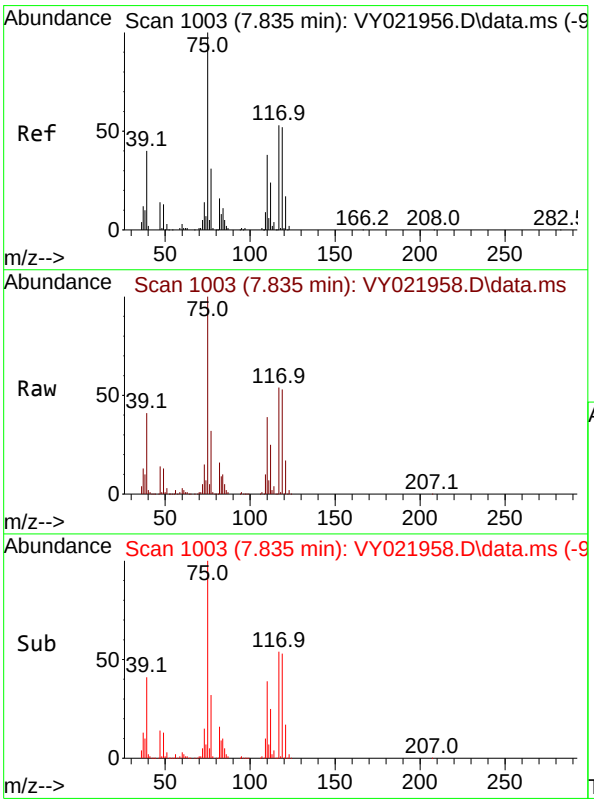
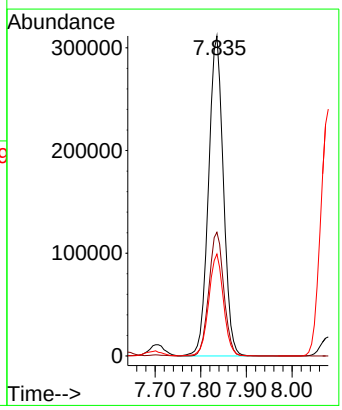
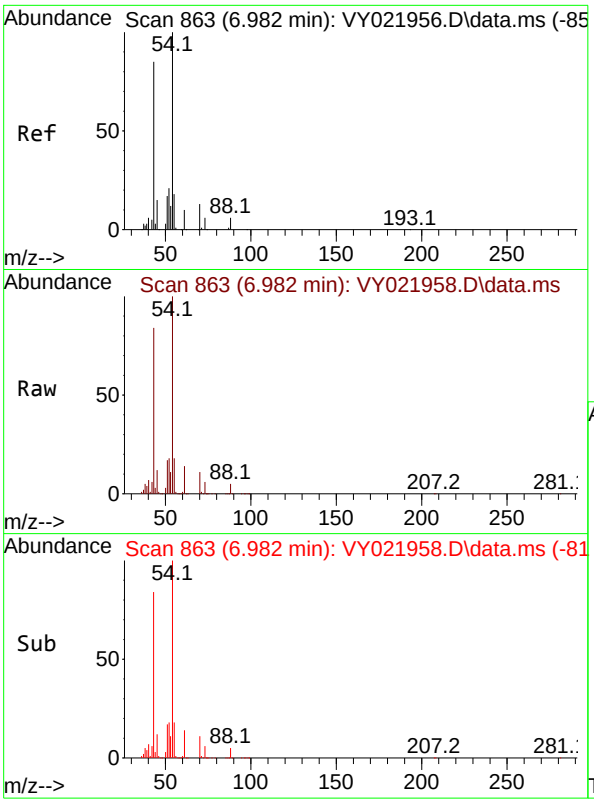


#36
1,1-Dichloropropene
Concen: 147.634 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 702870

Ion	Ratio	Lower	Upper
75	100		
110	38.8	19.1	57.3
77	31.7	25.5	38.3





#37
Ethyl Acetate
Concen: 144.169 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 24319

Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.8	20.6
70	12.9	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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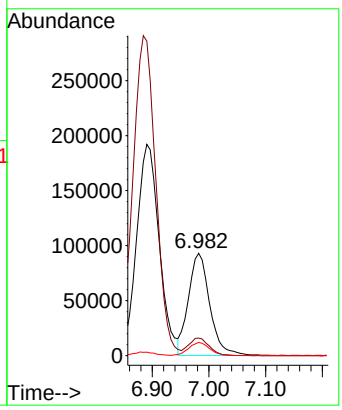
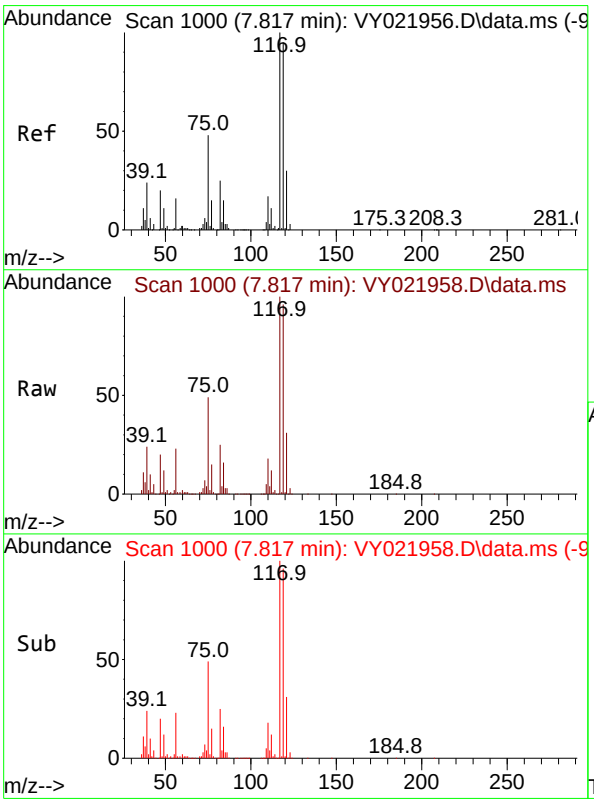
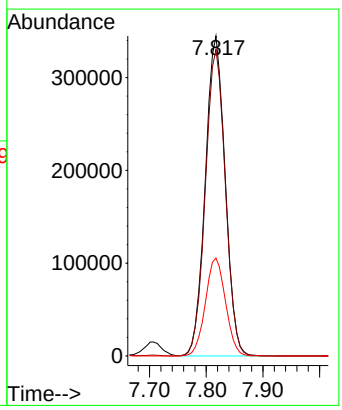


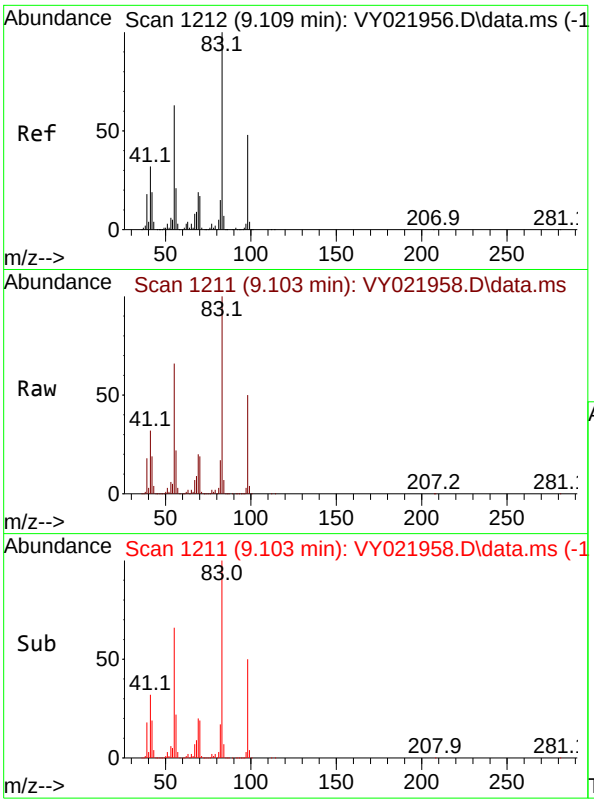


#38
Carbon Tetrachloride
Concen: 147.902 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:117 Resp: 841409

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.2	114.4
121	30.6	24.0	36.0

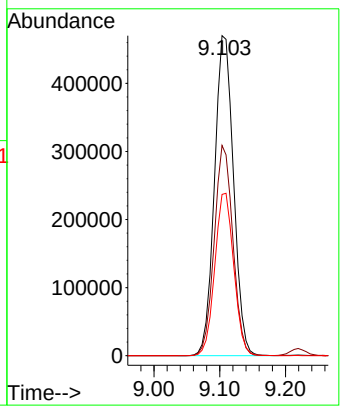




#39
Methylcyclohexane
Concen: 158.153 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 83 Resp: 94754

Ion	Ratio	Lower	Upper
83	100		
55	65.7	50.6	75.8
98	50.4	38.6	58.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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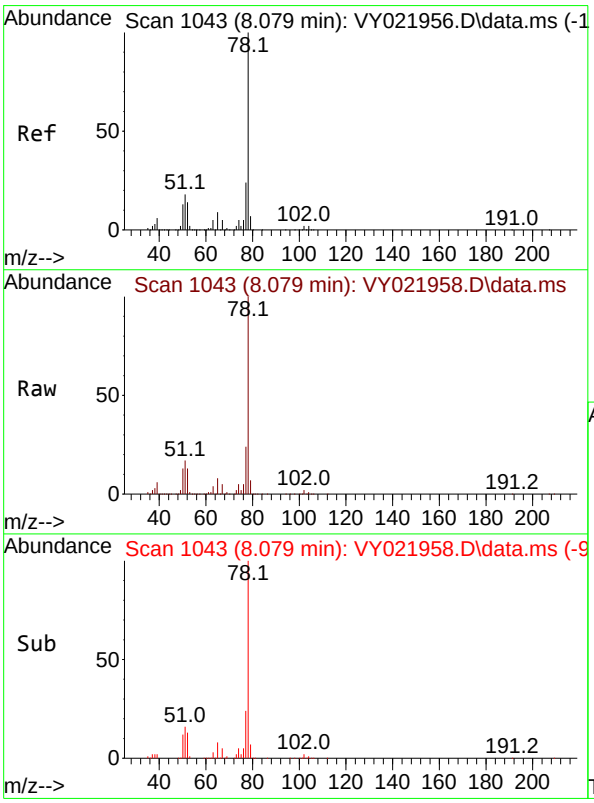
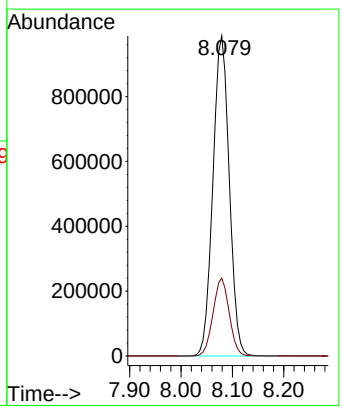
Supervised By :Mahesh Dadoda 04/23/2025

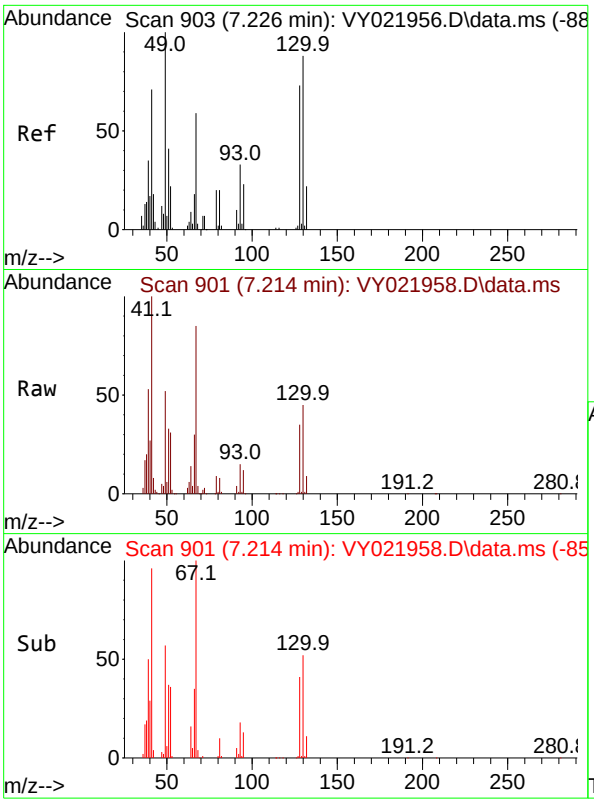


#40
Benzene
Concen: 146.818 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 78 Resp: 2184995

Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9

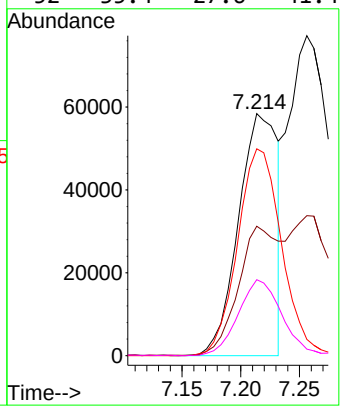




#41
Methacrylonitrile
Concen: 144.765 ug/l
RT: 7.214 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 41 Resp: 13536

Ion	Ratio	Lower	Upper
41	100		
39	60.3	36.6	55.0
67	96.7	72.2	108.4
52	35.4	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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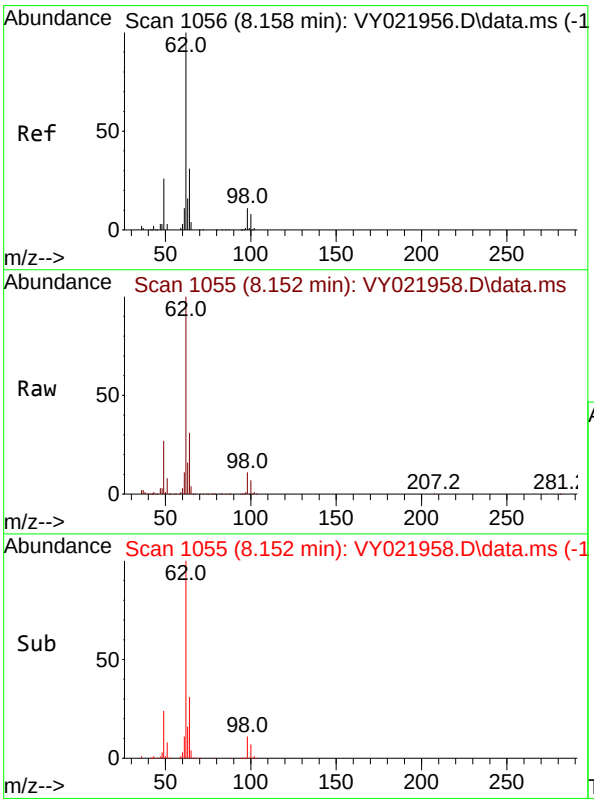
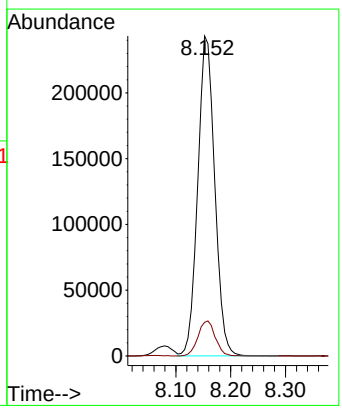
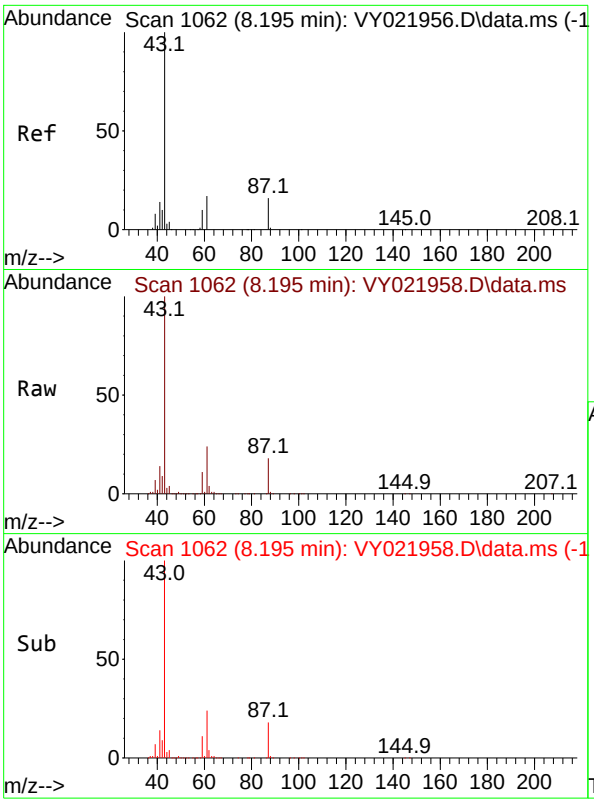


#42
1,2-Dichloroethane
Concen: 141.914 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 62 Resp: 522909

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0





#43
Isopropyl Acetate
Concen: 151.020 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 49590

Ion	Ratio	Lower	Upper
43	100		
61	35.6	18.9	28.3#
87	18.1	13.7	20.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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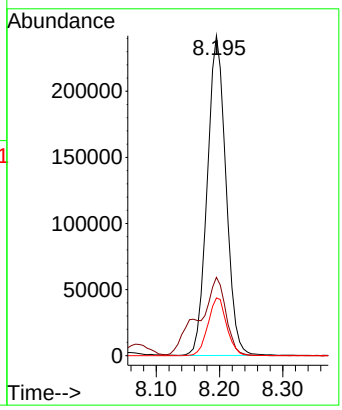
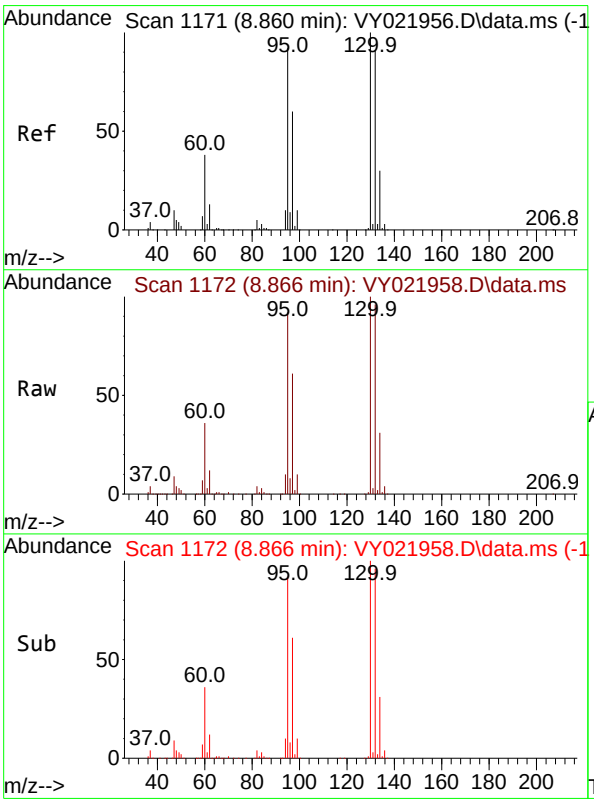
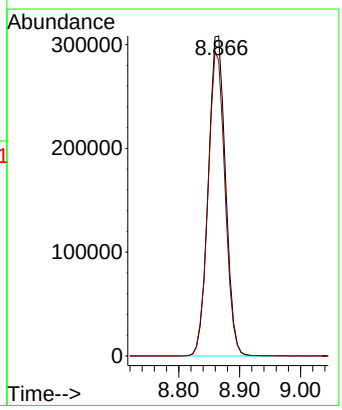


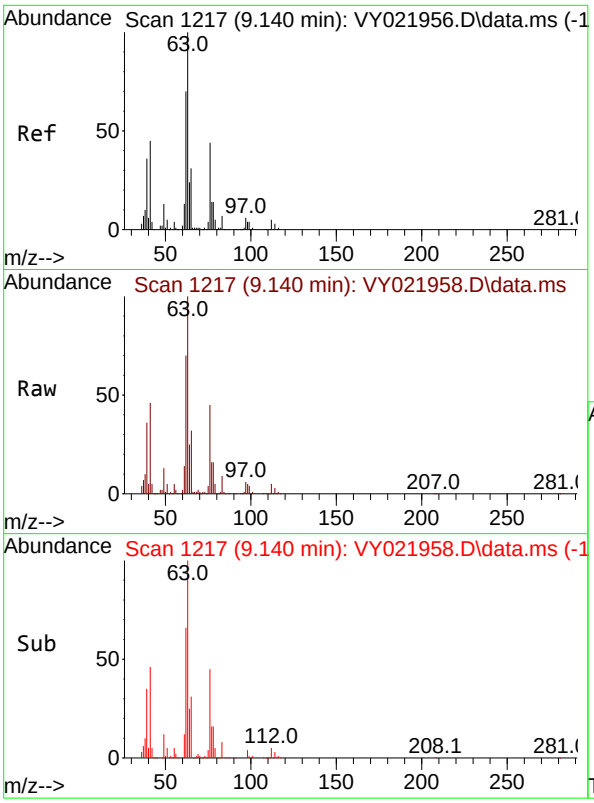


#44
Trichloroethene
Concen: 146.435 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:130 Resp: 603635

Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	183.2

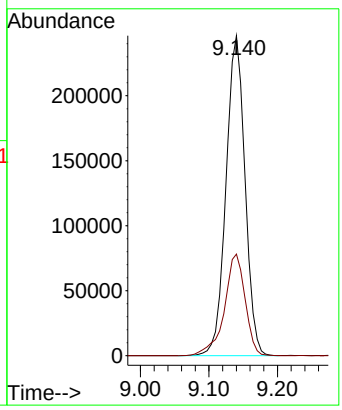




#45
1,2-Dichloropropane
Concen: 143.782 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 63 Resp: 47321

Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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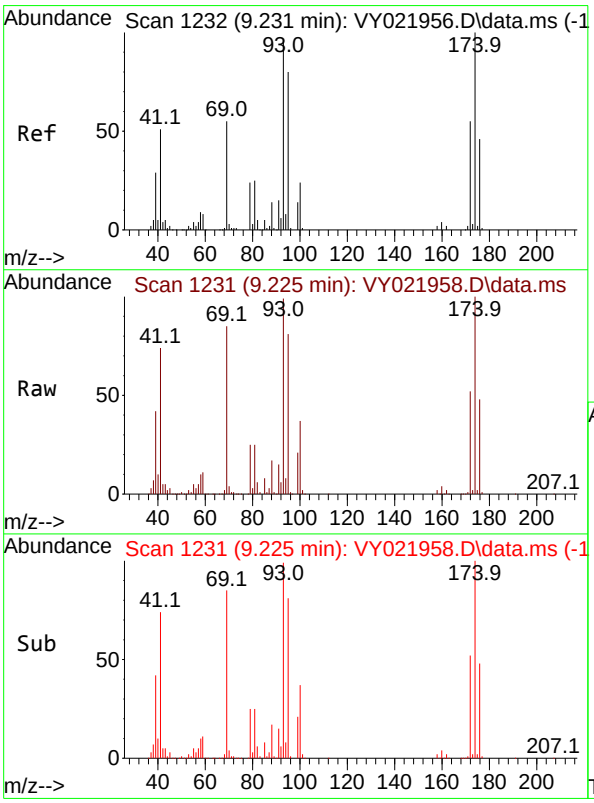
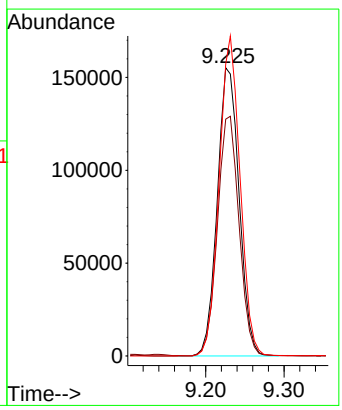
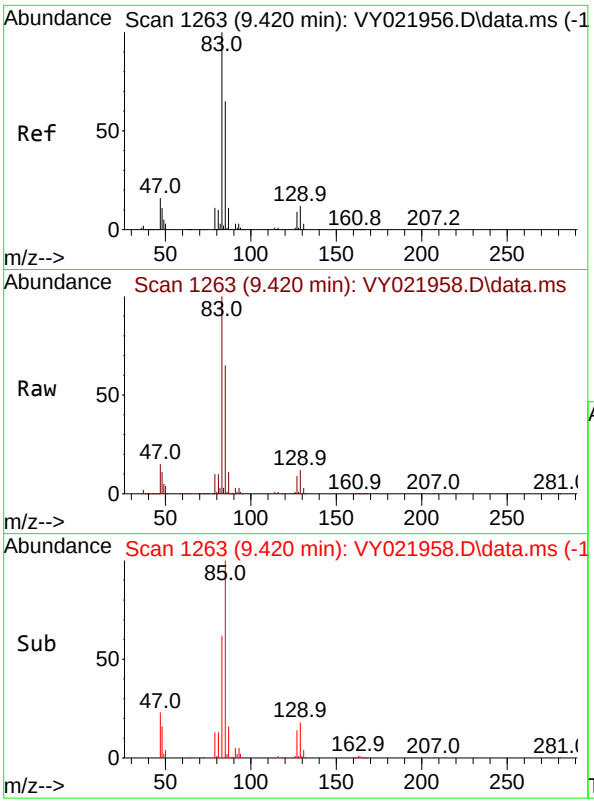


#46
Dibromomethane
Concen: 145.844 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 93 Resp: 300473

Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.7	100.1
174	106.9	84.6	127.0

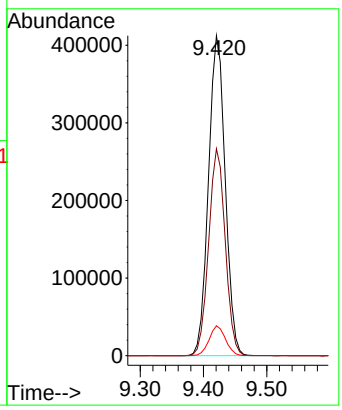




#47
Bromodichloromethane
Concen: 147.426 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 83 Resp: 75877

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8
127	9.3	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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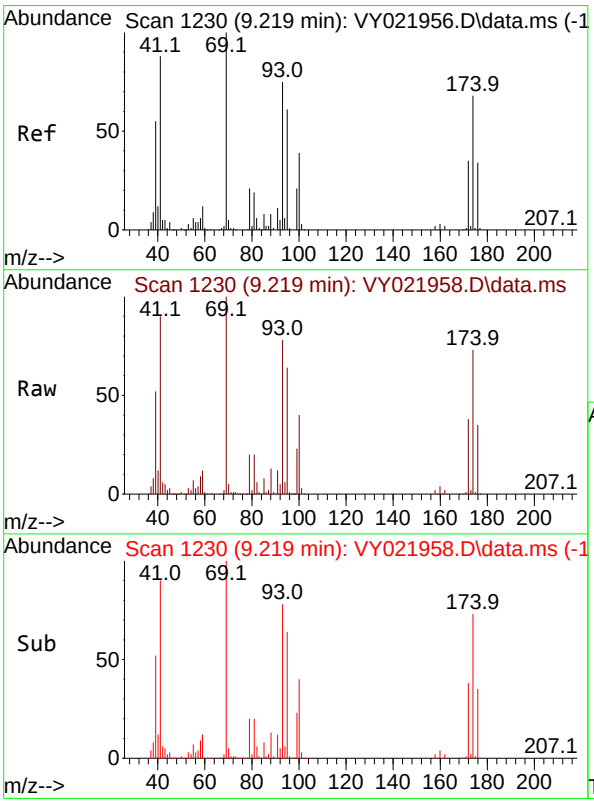
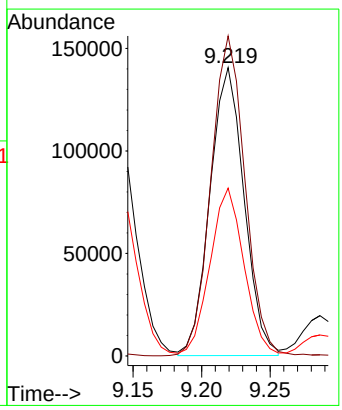
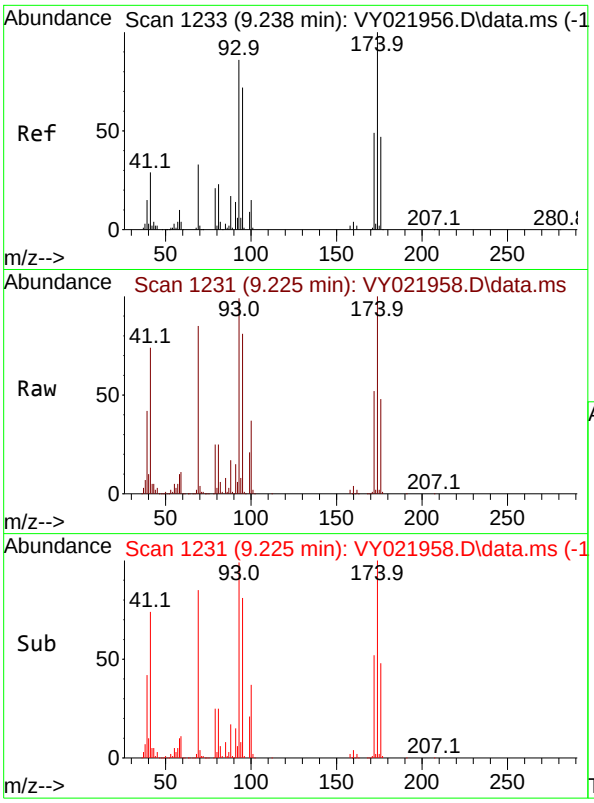


#48
Methyl methacrylate
Concen: 160.190 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 41 Resp: 243168

Ion	Ratio	Lower	Upper
41	100		
69	111.2	85.5	128.3
39	56.5	46.2	69.4





#49
1,4-Dioxane
Concen: 3029.677 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 88 Resp: 6652

Ion	Ratio	Lower	Upper
88	100		
43	25.3	21.3	31.9
58	63.5	50.5	75.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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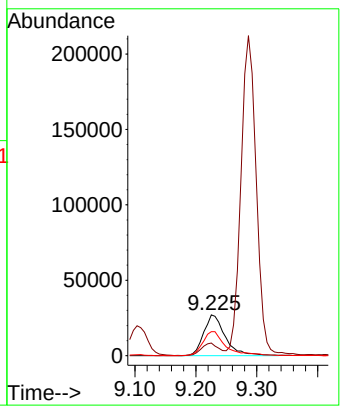
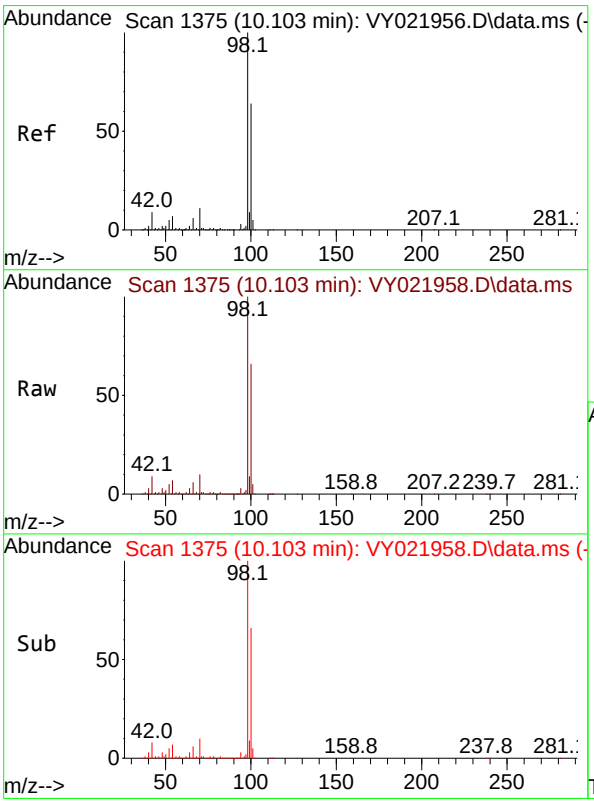
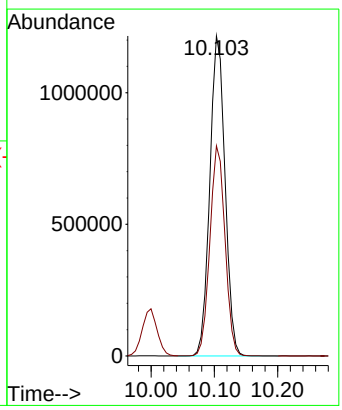


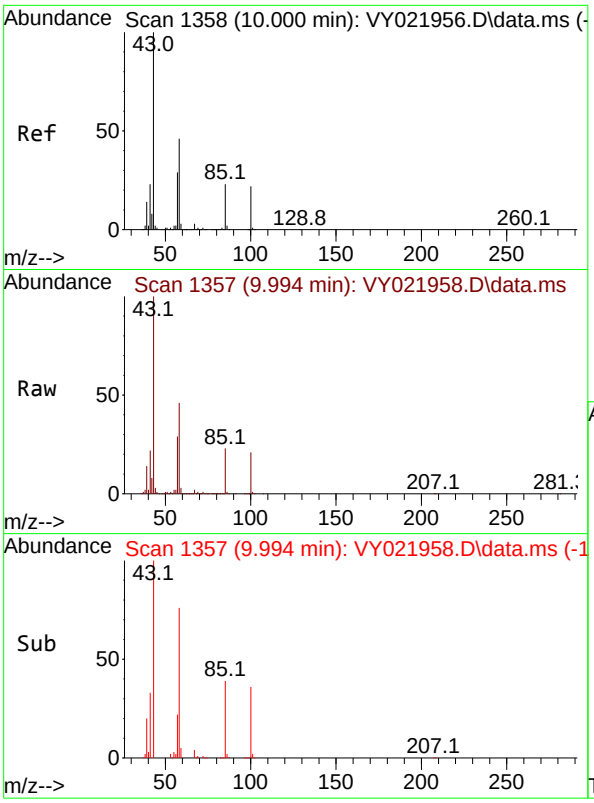


#50
Toluene-d8
Concen: 151.892 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 98 Resp: 2029557

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.6	77.4

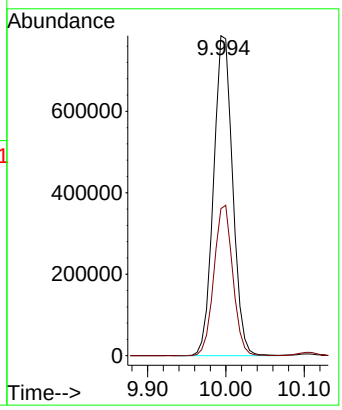




#51
4-Methyl-2-Pentanone
Concen: 773.306 ug/l
RT: 9.994 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 133112

Ion	Ratio	Lower	Upper
43	100		
58	46.5	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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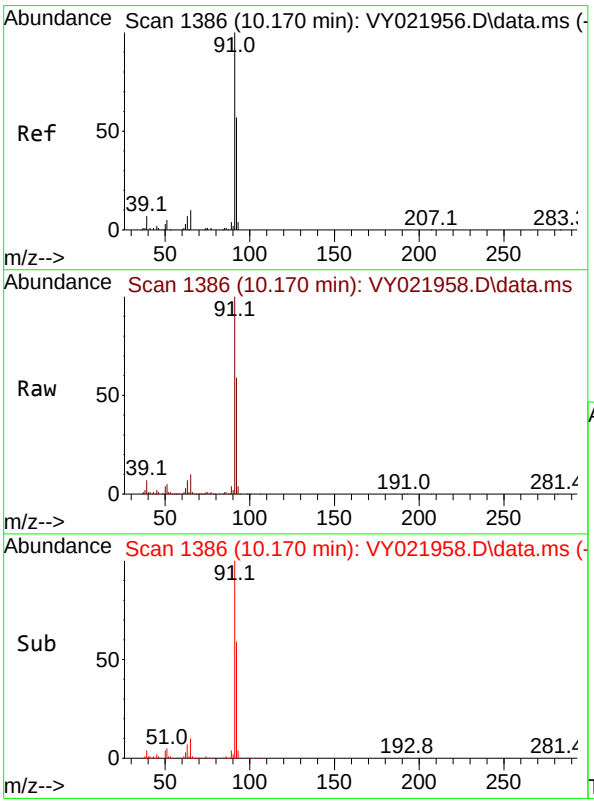
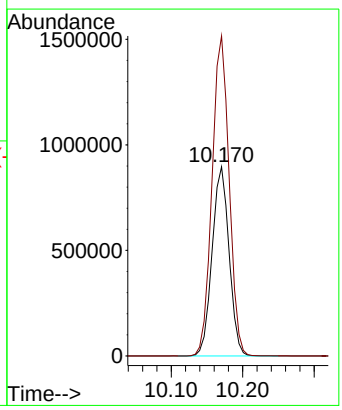
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

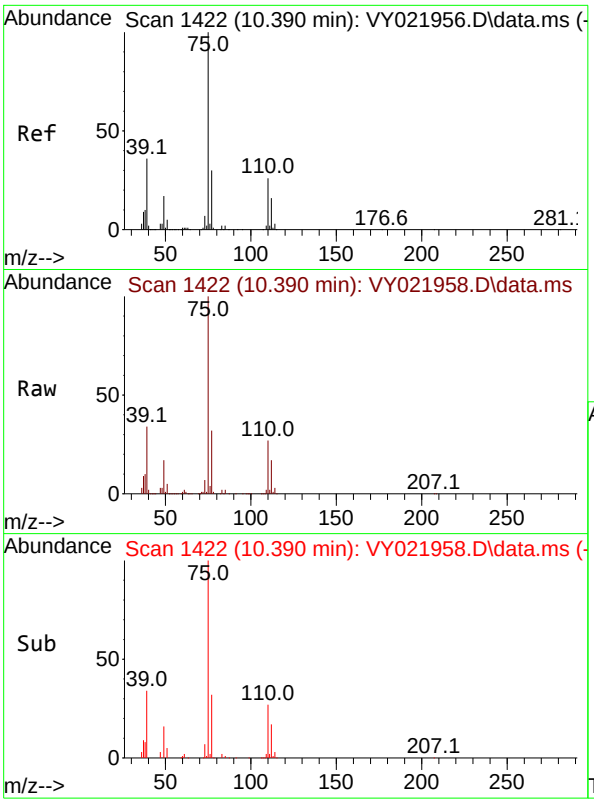


#52
Toluene
Concen: 152.593 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 92 Resp: 1470005

Ion	Ratio	Lower	Upper
92	100		
91	170.9	138.6	207.8

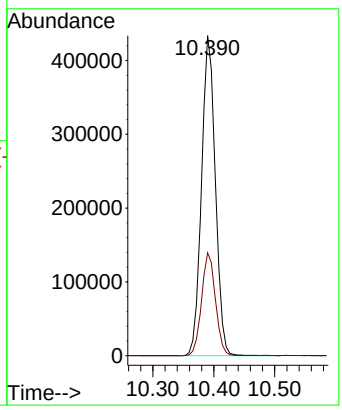




#53
t-1,3-Dichloropropene
Concen: 154.922 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 68392

Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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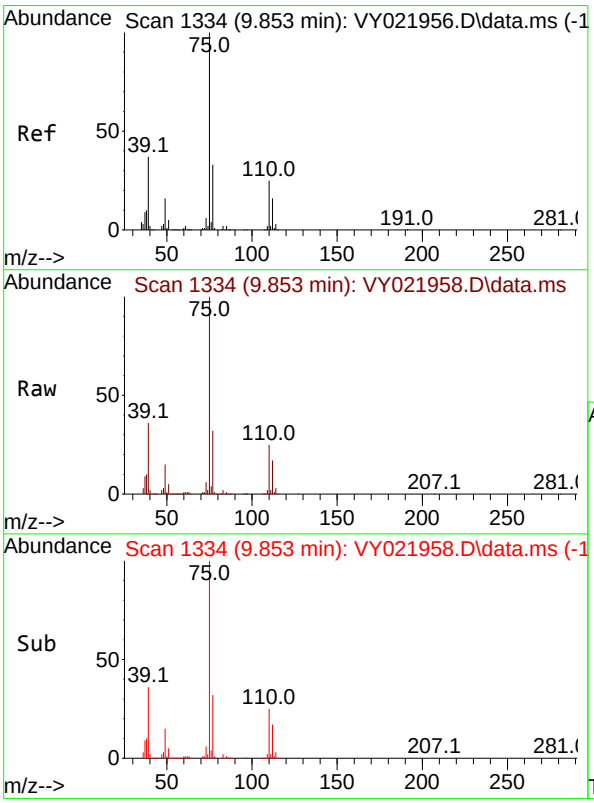
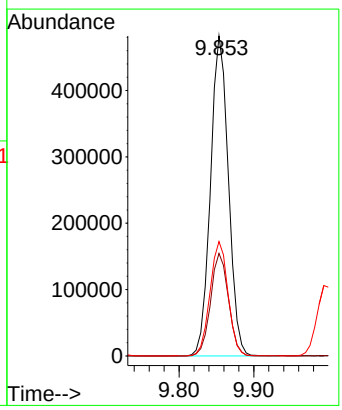
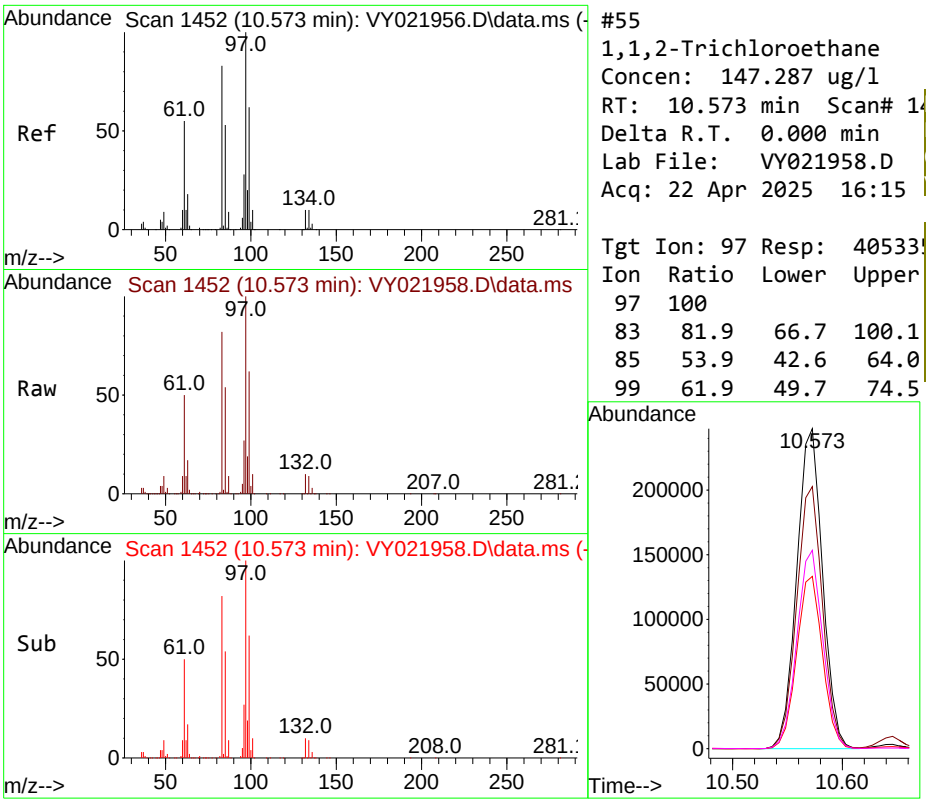


#54
cis-1,3-Dichloropropene
Concen: 153.345 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 804716

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.6	40.0
39	35.7	29.6	44.4





#55
1,1,2-Trichloroethane
Concen: 147.287 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 97 Resp: 40533

Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.7	100.1
85	53.9	42.6	64.0
99	61.9	49.7	74.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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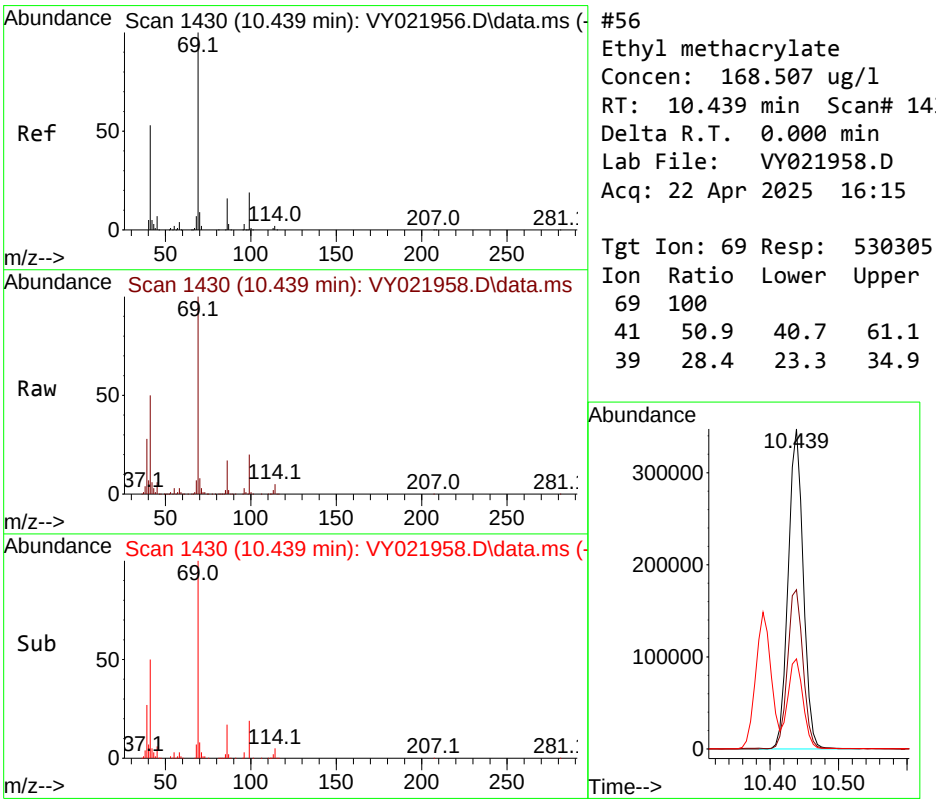
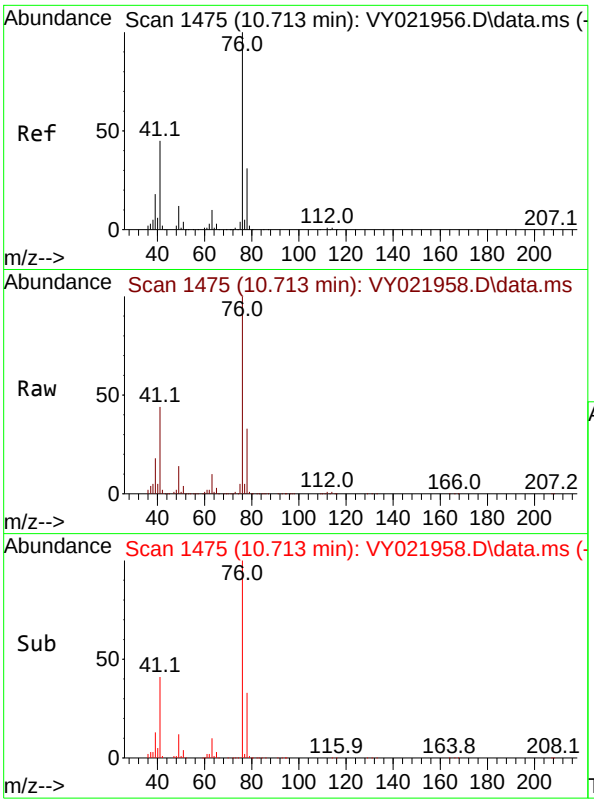


#56
Ethyl methacrylate
Concen: 168.507 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 69 Resp: 530305

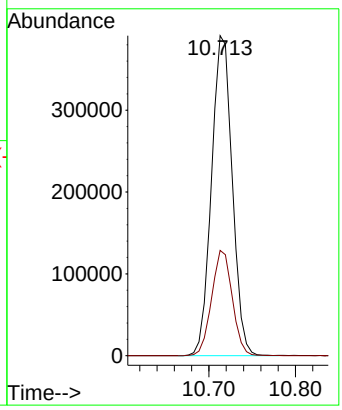
Ion	Ratio	Lower	Upper
69	100		
41	50.9	40.7	61.1
39	28.4	23.3	34.9



#57
1,3-Dichloropropane
Concen: 147.471 ug/l
RT: 10.713 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 76 Resp: 65061

Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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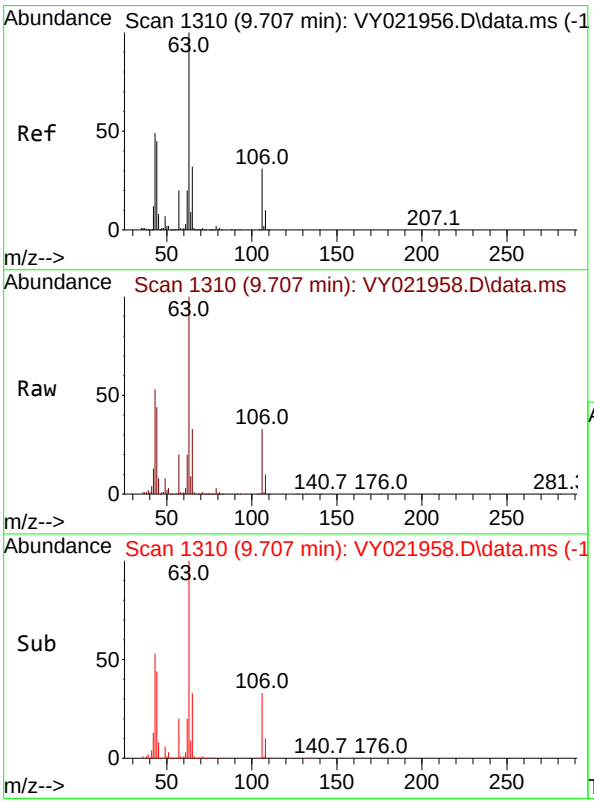
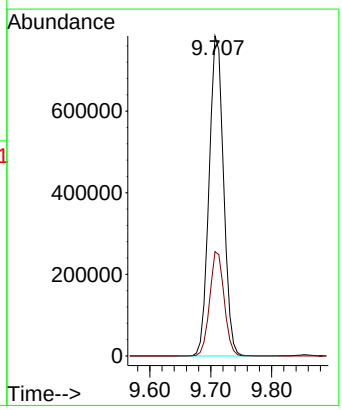
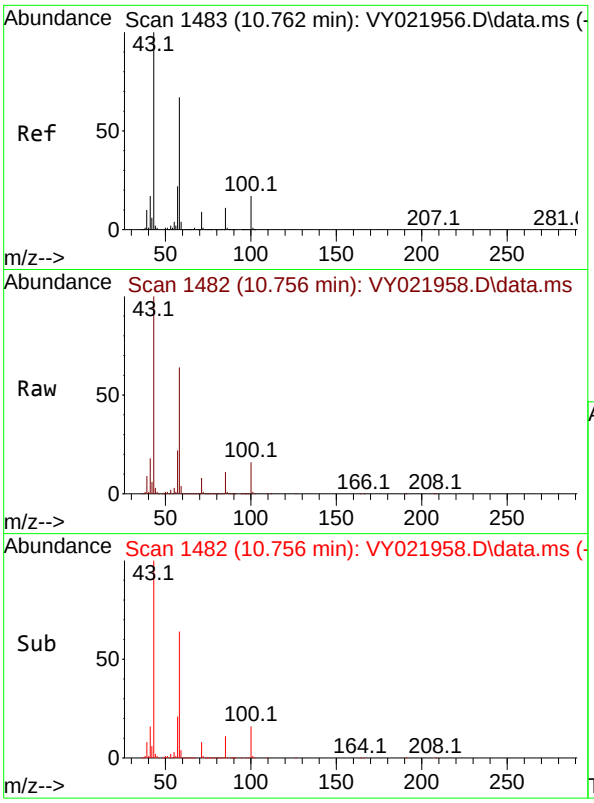


#58
2-Chloroethyl Vinyl ether
Concen: 840.076 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 63 Resp: 1292633

Ion	Ratio	Lower	Upper
63	100		
106	32.5	25.3	37.9





#59
2-Hexanone
Concen: 789.752 ug/l
RT: 10.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 89666

Ion	Ratio	Lower	Upper
43	100		
58	64.8	32.0	96.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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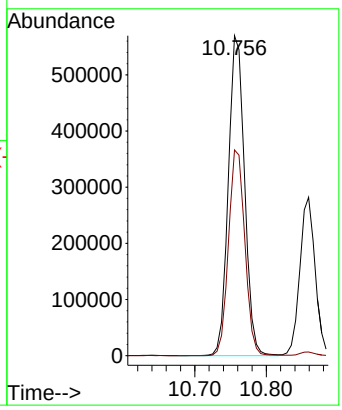
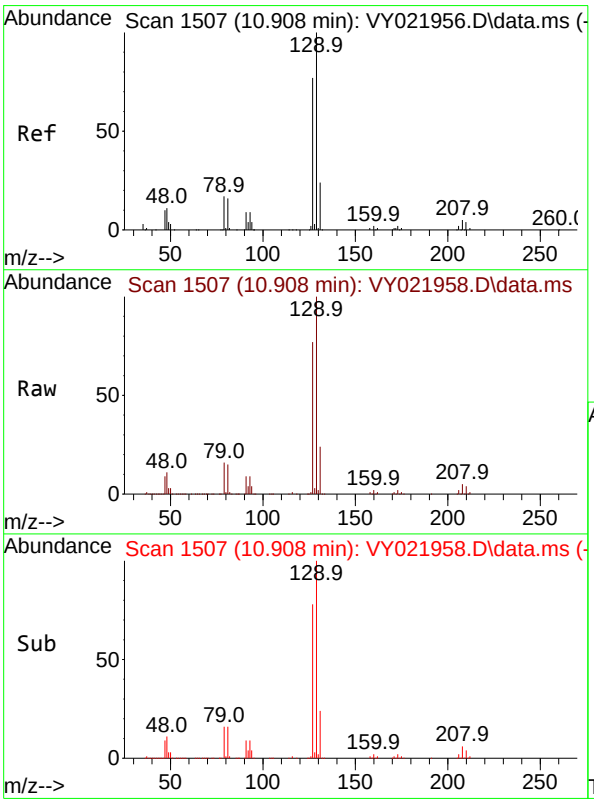
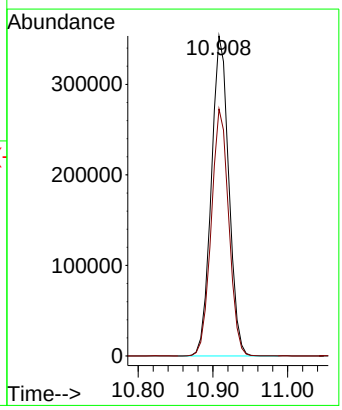


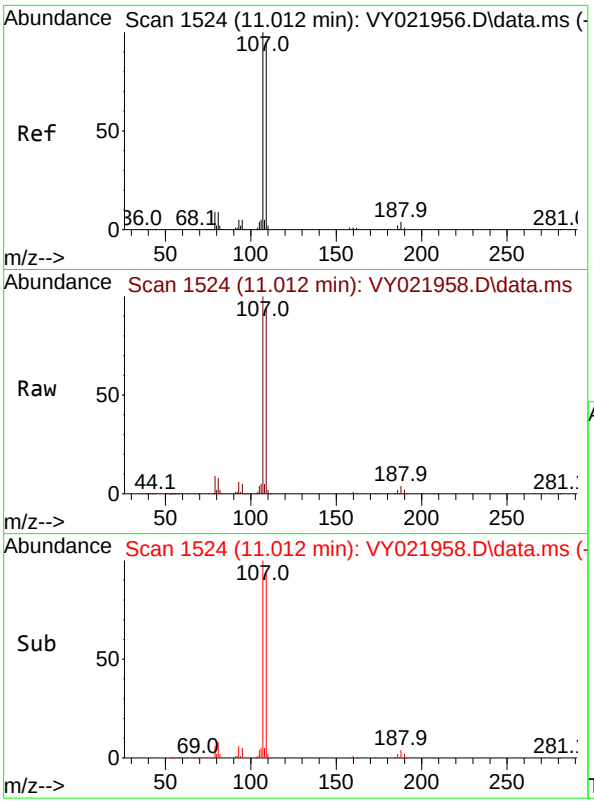


#60
Dibromochloromethane
Concen: 150.763 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:129 Resp: 574423

Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.5	115.3

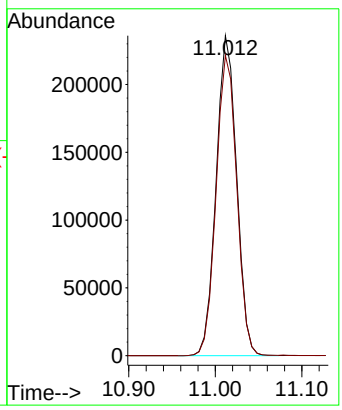




#61
1,2-Dibromoethane
Concen: 148.938 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:107 Resp: 38695

Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.8	113.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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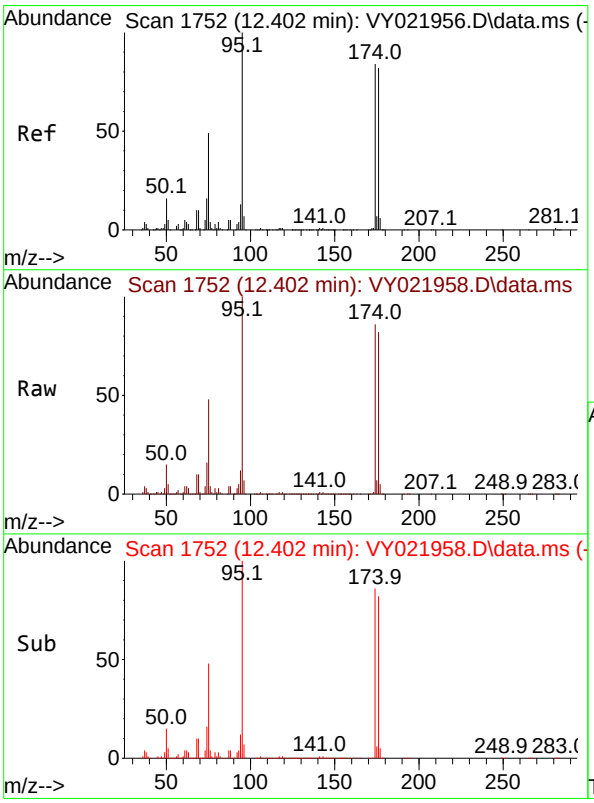
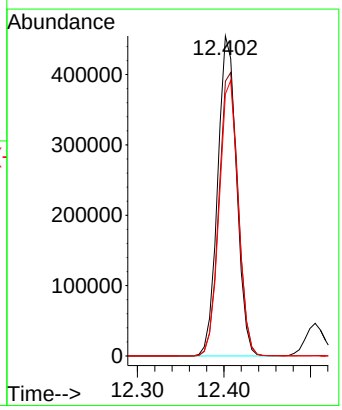
Supervised By :Mahesh Dadoda 04/23/2025

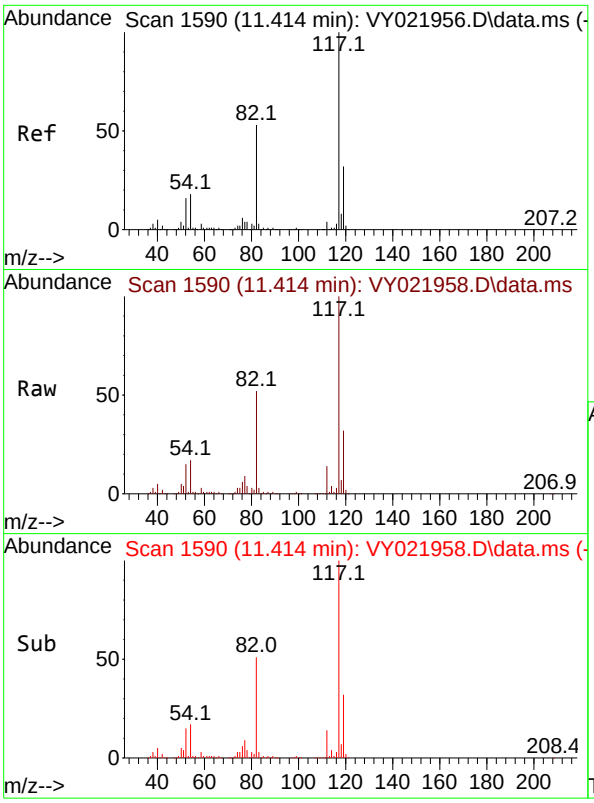


#62
4-Bromofluorobenzene
Concen: 152.965 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 95 Resp: 688061

Ion	Ratio	Lower	Upper
95	100		
174	90.4	0.0	179.0
176	86.9	0.0	171.8

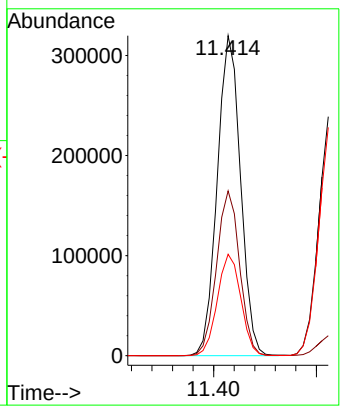




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:117 Resp: 50224

Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.1	63.1
119	31.7	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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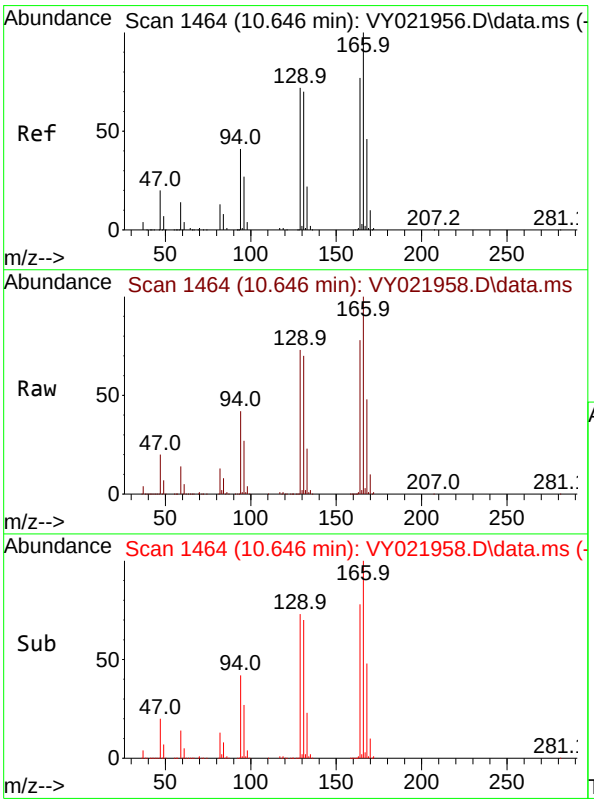
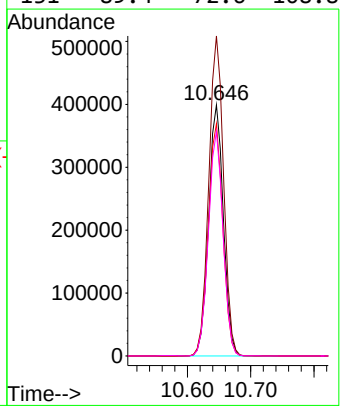
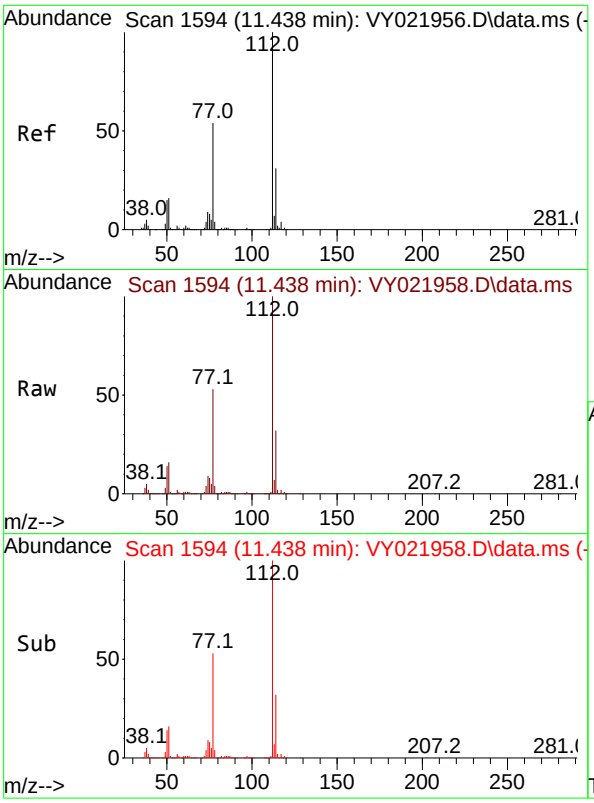


#64
Tetrachloroethene
Concen: 136.828 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:164 Resp: 648295

Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.6	155.4
129	92.5	74.2	111.4
131	89.4	72.6	108.8

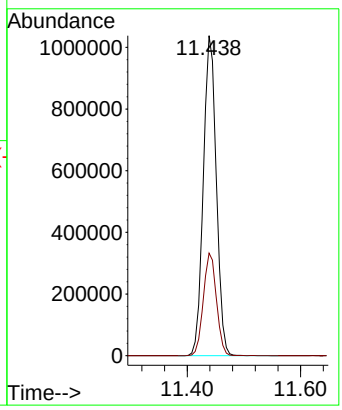




#65
Chlorobenzene
Concen: 146.452 ug/l
RT: 11.438 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:112 Resp: 164487

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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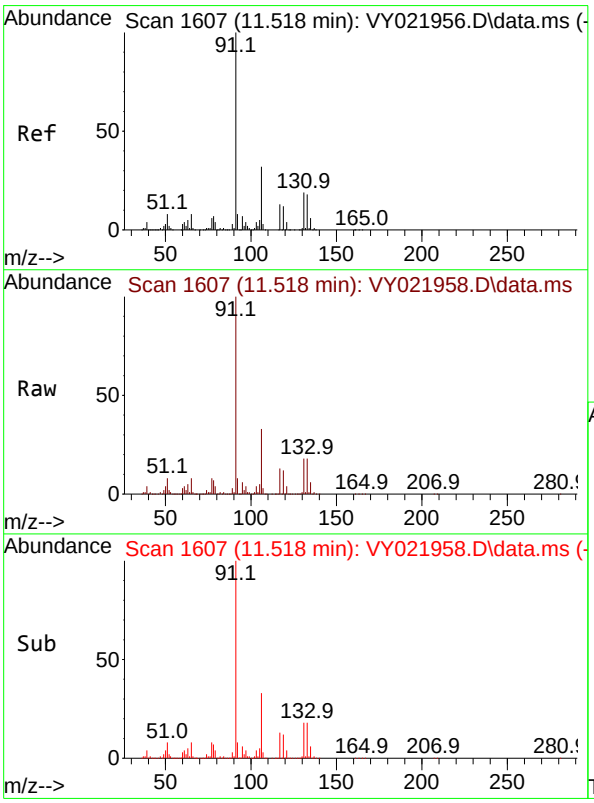
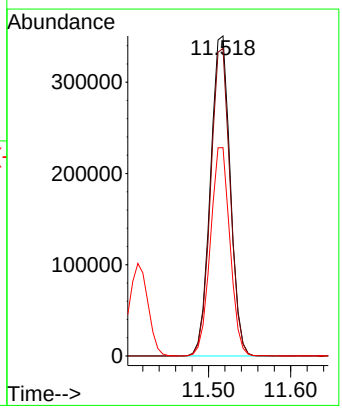
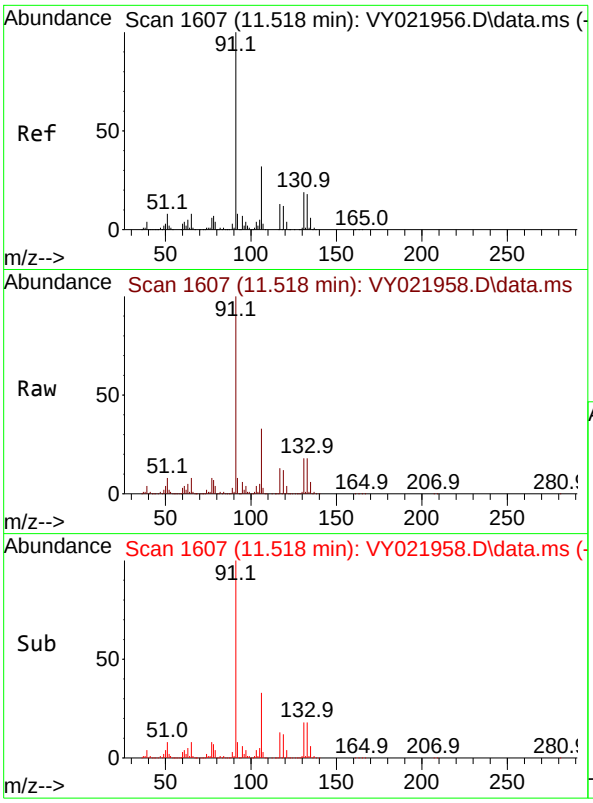


#66
1,1,1,2-Tetrachloroethane
Concen: 147.925 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:131 Resp: 584913

Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.8	143.3
119	64.6	32.4	97.0

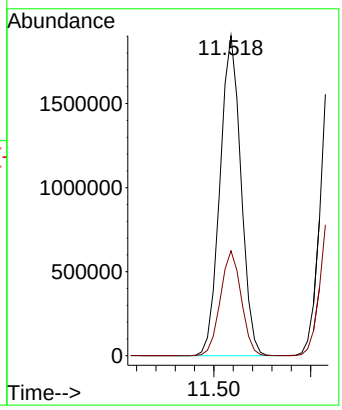




#67
Ethyl Benzene
Concen: 155.641 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 91 Resp: 285958

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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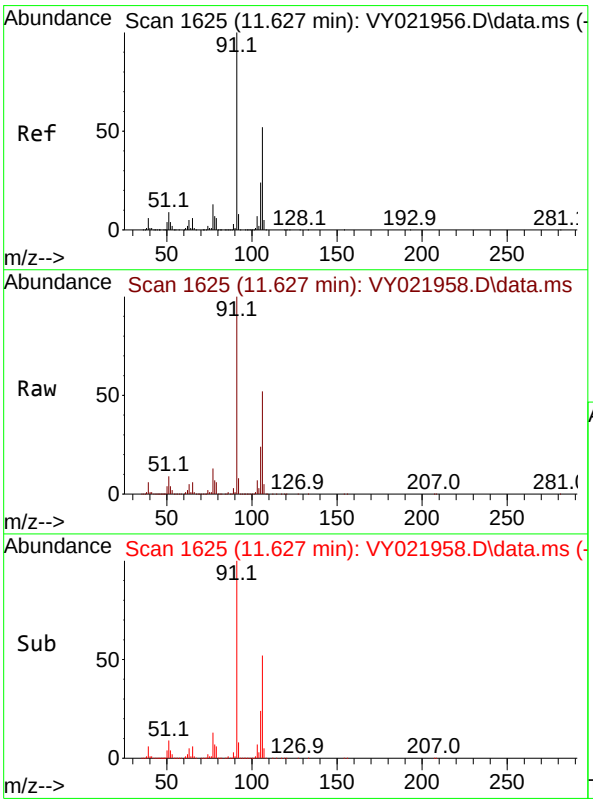
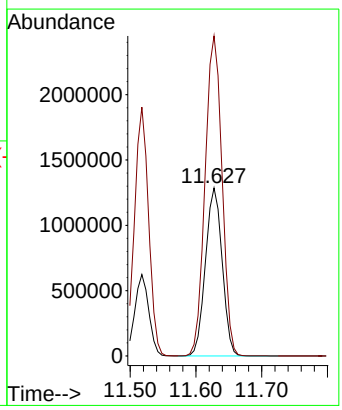
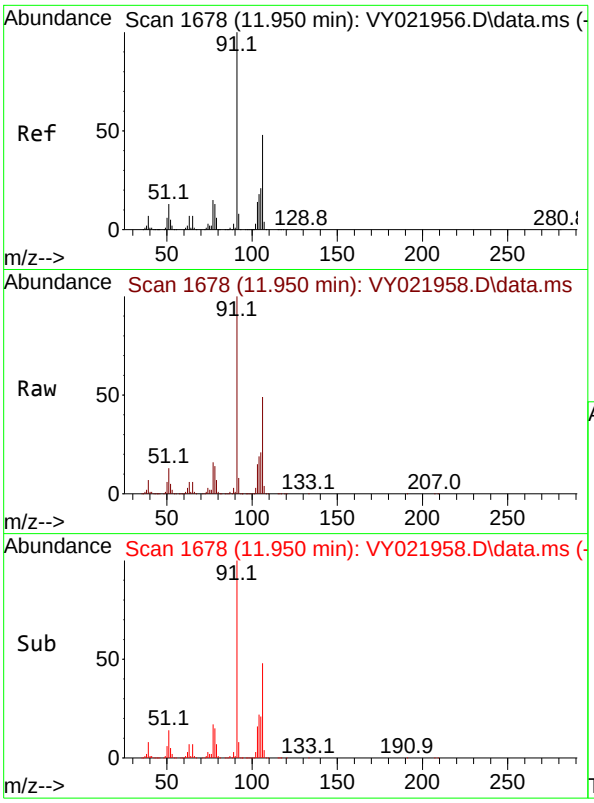


#68
m/p-Xylenes
Concen: 310.594 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:106 Resp: 2270756

Ion	Ratio	Lower	Upper
106	100		
91	193.3	156.2	234.2

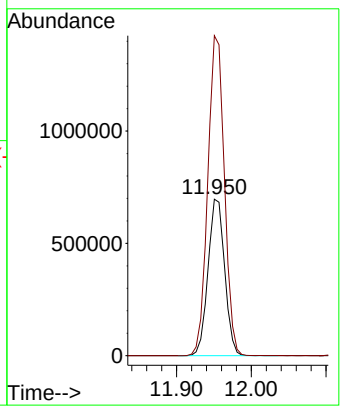




#69
o-Xylene
Concen: 160.131 ug/l
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:106 Resp: 107903

Ion	Ratio	Lower	Upper
106	100		
91	204.3	103.0	308.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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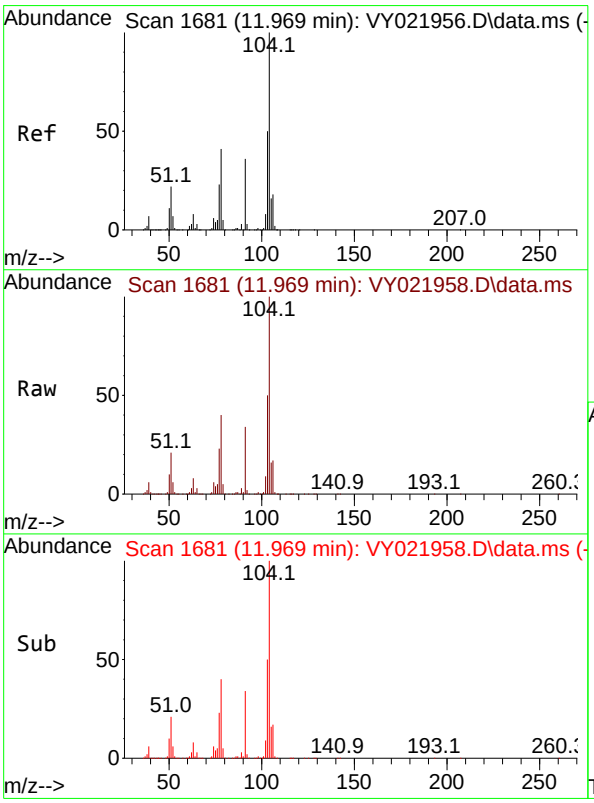
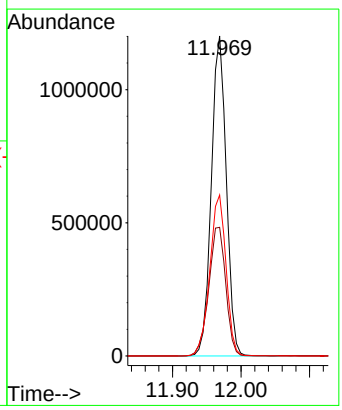
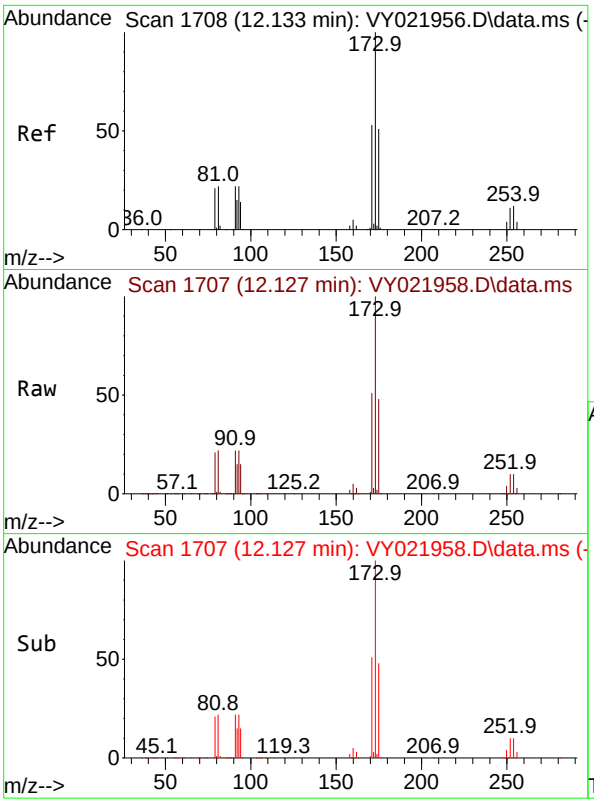


#70
Styrene
Concen: 160.979 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:104 Resp: 1821333

Ion	Ratio	Lower	Upper
104	100		
78	45.7	36.6	54.8
103	54.6	43.8	65.8

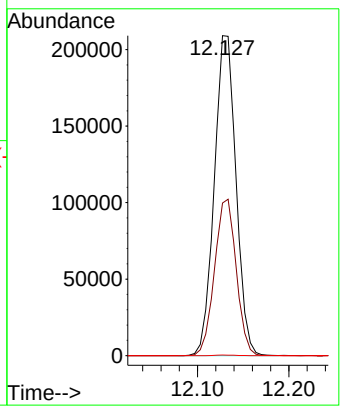




#71
Bromoform
Concen: 150.413 ug/l
RT: 12.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:173 Resp: 34578

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.3	72.8
254	0.2	0.0	0.0#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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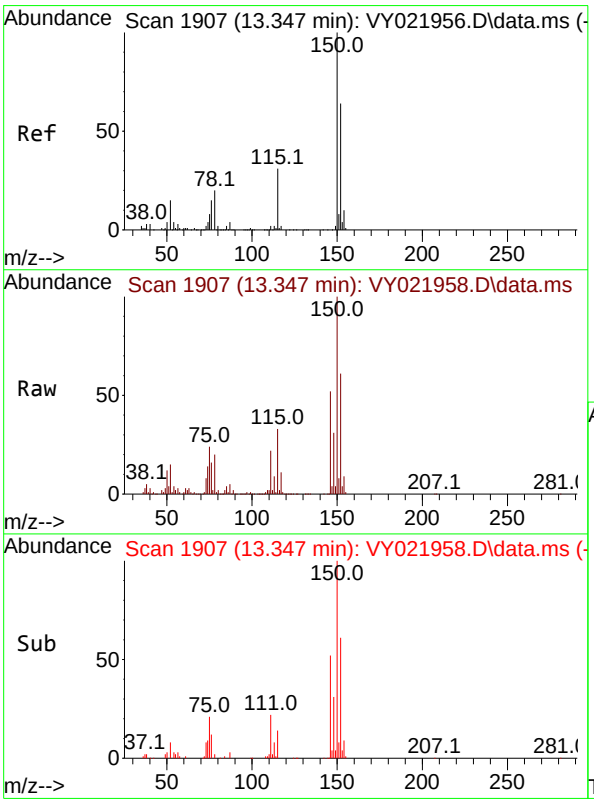
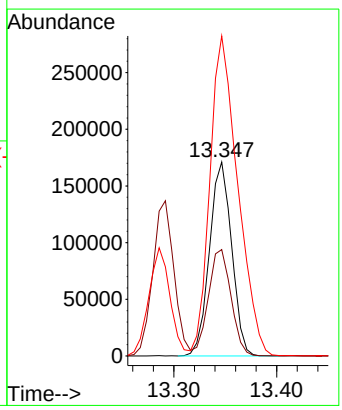
Supervised By :Mahesh Dadoda 04/23/2025

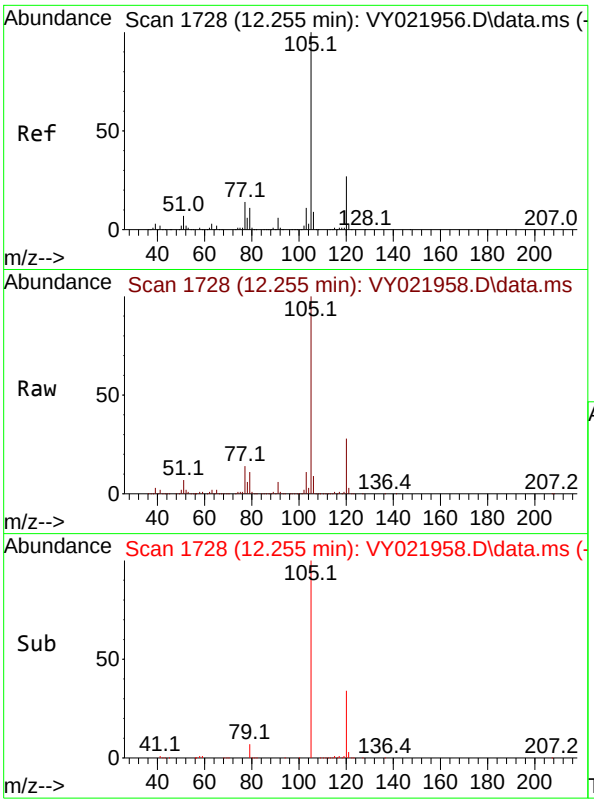


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:152 Resp: 256233

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	84.0
150	207.6	0.0	345.6

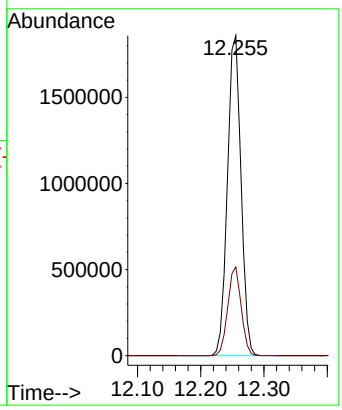




#73
Isopropylbenzene
Concen: 161.622 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:105 Resp: 276682

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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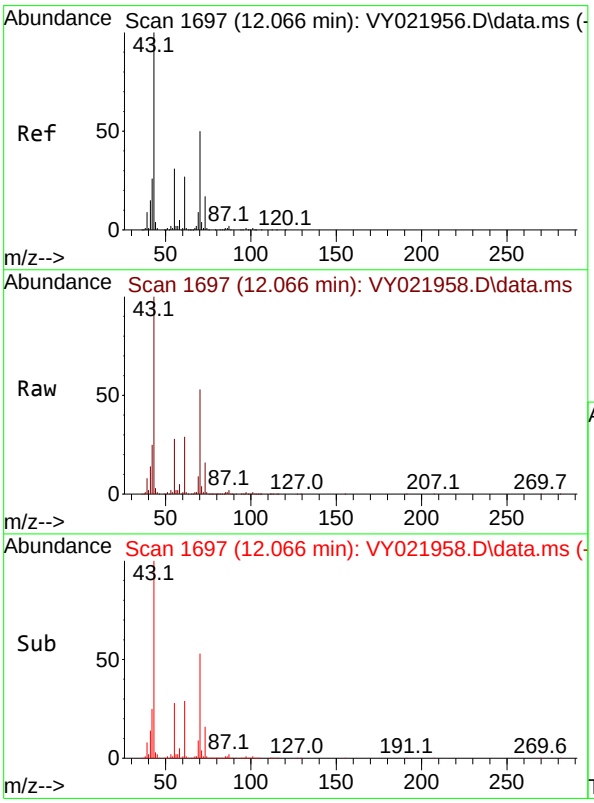
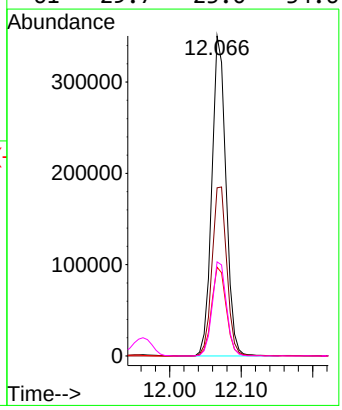
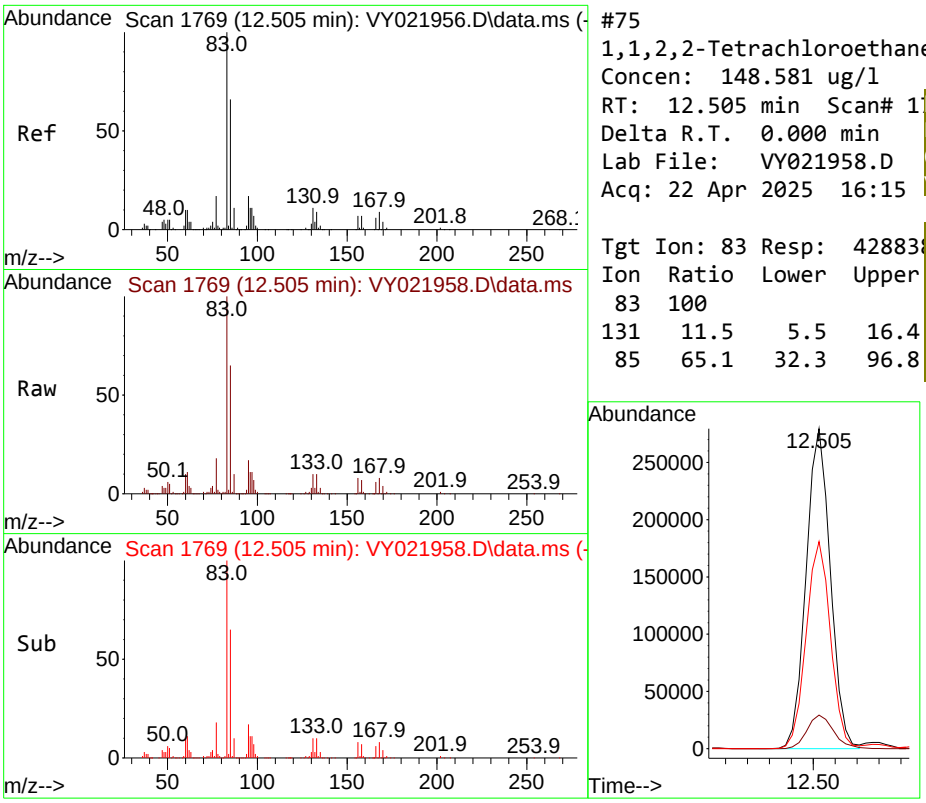


#74
N-amyl acetate
Concen: 163.570 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 43 Resp: 481095

Ion	Ratio	Lower	Upper
43	100		
70	55.2	43.2	64.8
55	29.0	25.7	38.5
61	29.7	23.0	34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 148.581 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 83 Resp: 42883

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.5	16.4
85	65.1	32.3	96.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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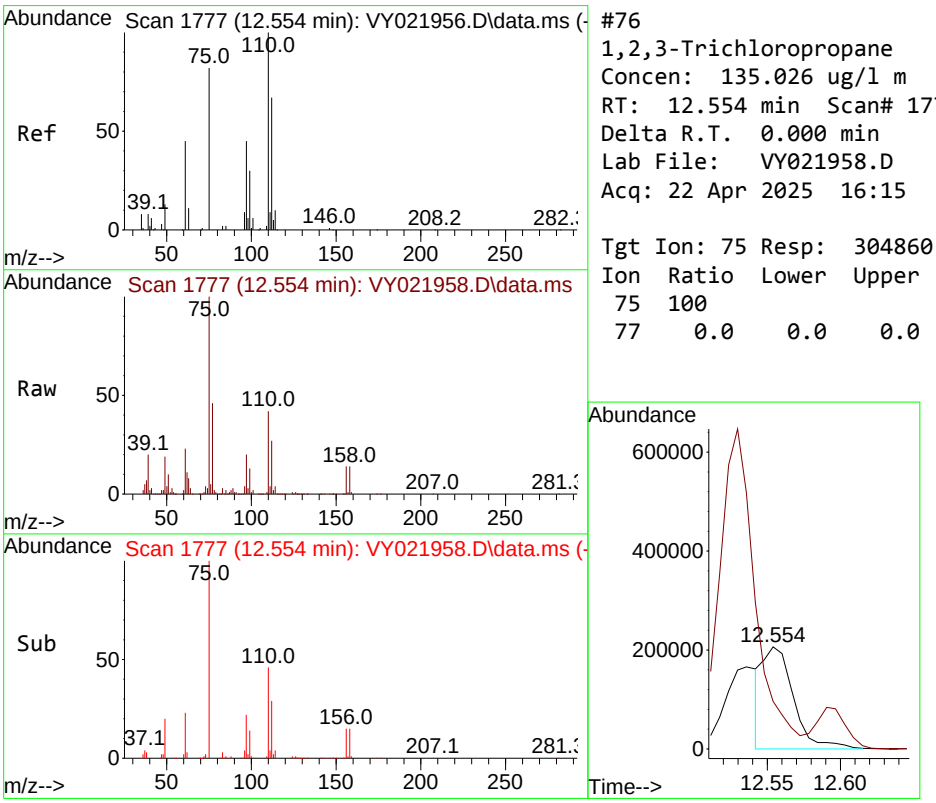
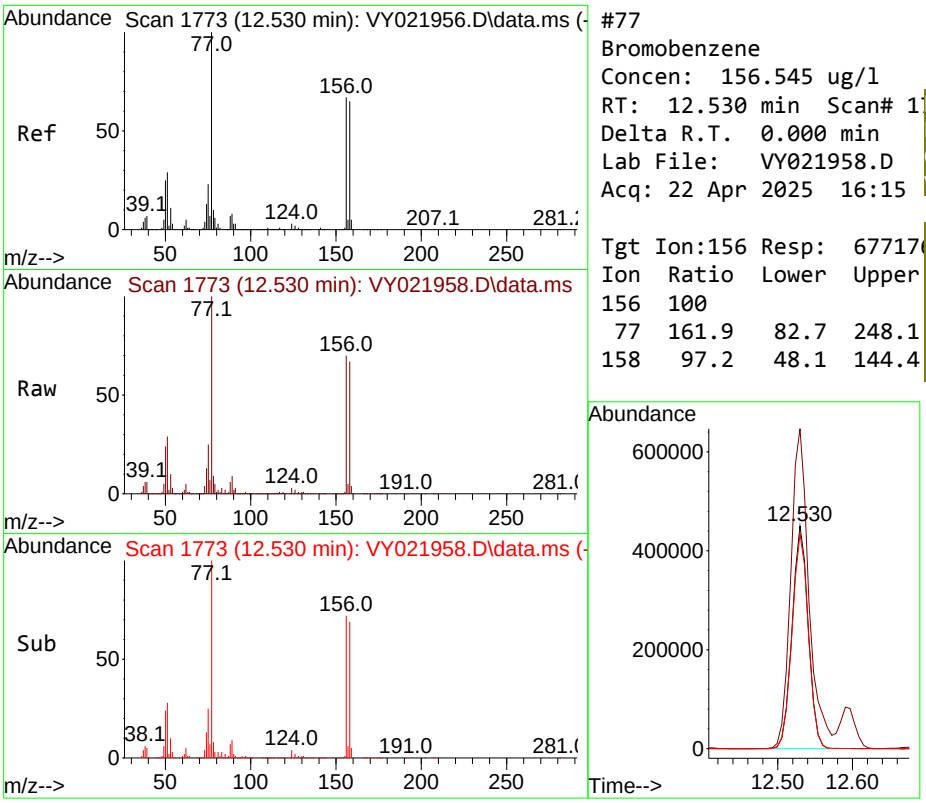


#76
1,2,3-Trichloropropane
Concen: 135.026 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 304860

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



#77
Bromobenzene
Concen: 156.545 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:156 Resp: 67717

Ion	Ratio	Lower	Upper
156	100		
77	161.9	82.7	248.1
158	97.2	48.1	144.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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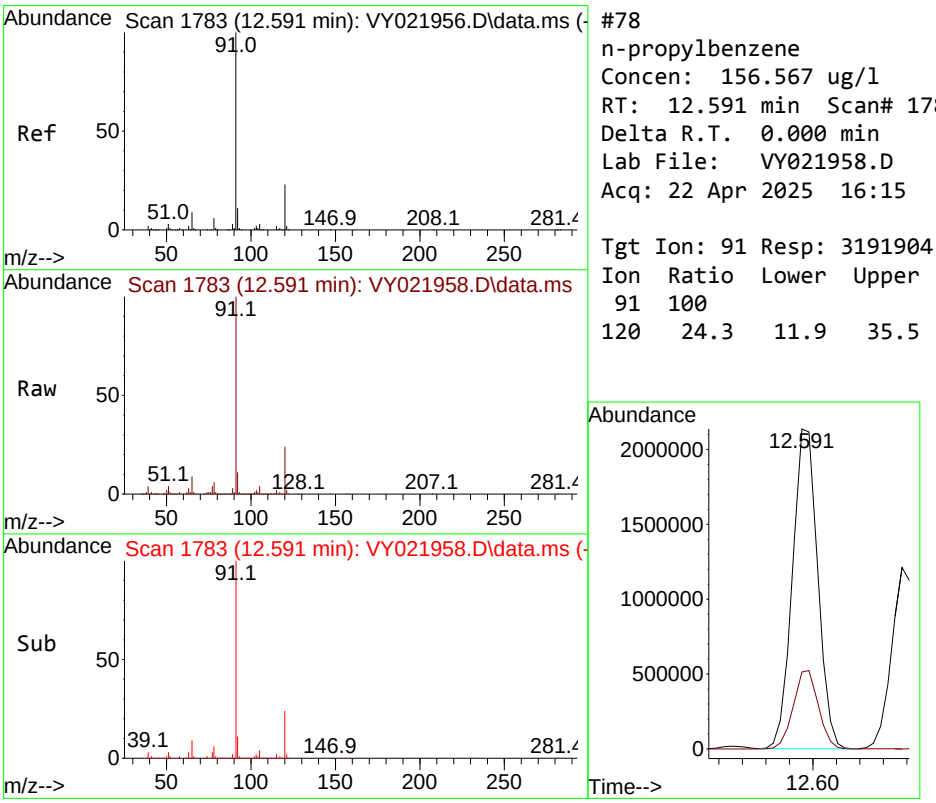
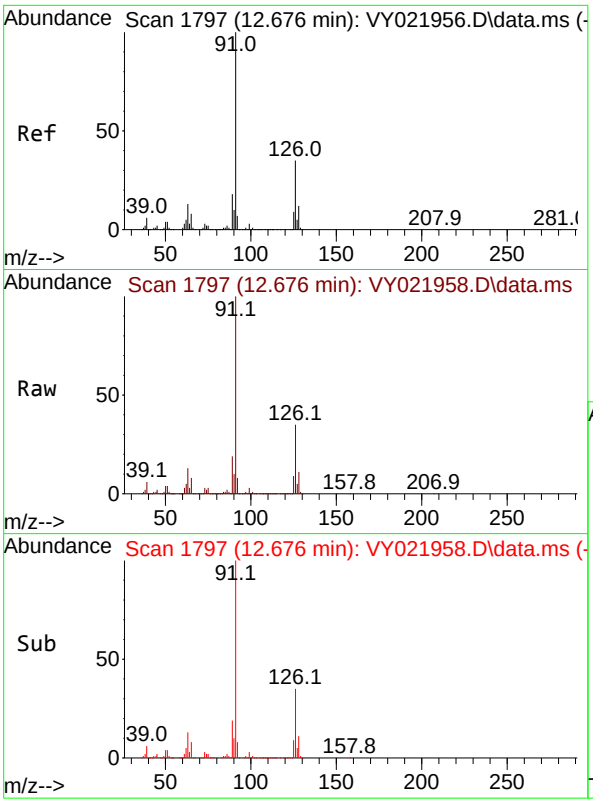
Supervised By :Mahesh Dadoda 04/23/2025



#78
n-propylbenzene
Concen: 156.567 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 91 Resp: 3191904

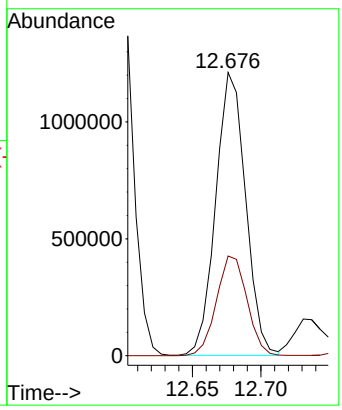
Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.5



#79
2-Chlorotoluene
Concen: 155.043 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 91 Resp: 183821

Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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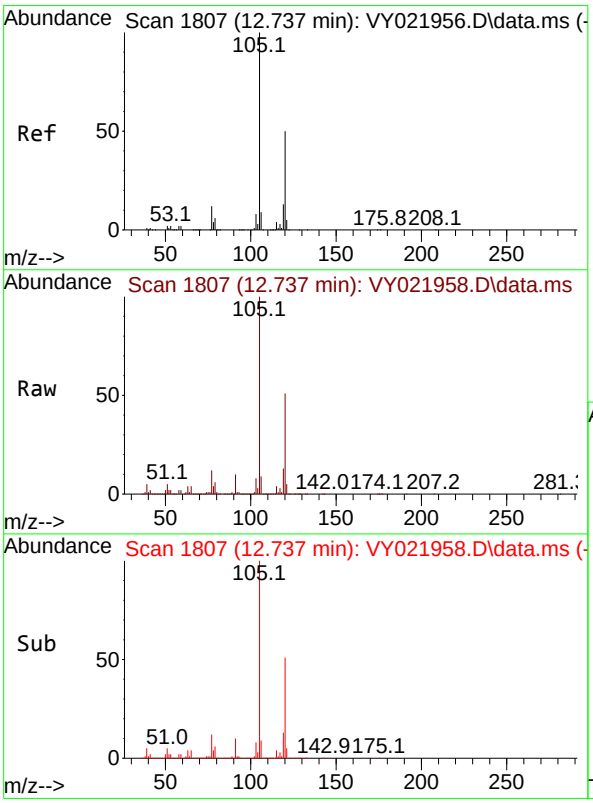
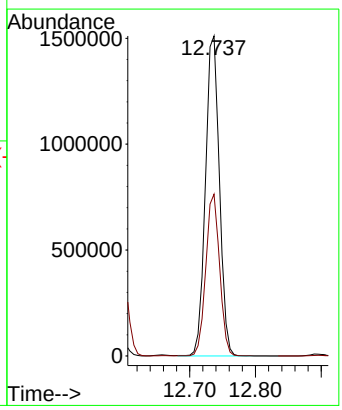
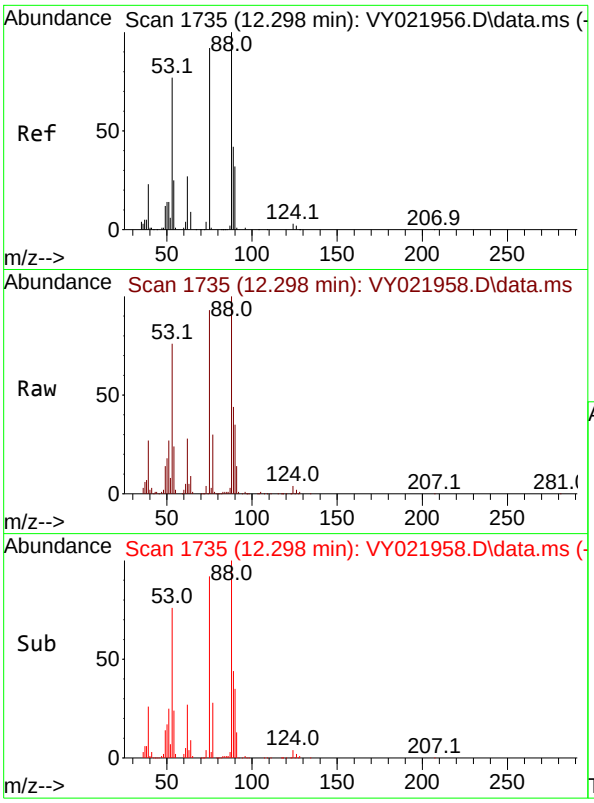


#80
1,3,5-Trimethylbenzene
Concen: 157.948 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:105 Resp: 2227887

Ion	Ratio	Lower	Upper
105	100		
120	50.2	25.0	75.0

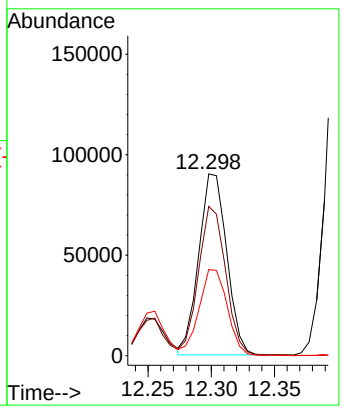




#81
trans-1,4-Dichloro-2-butene
Concen: 152.337 ug/l
RT: 12.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 13883

Ion	Ratio	Lower	Upper
75	100		
53	80.5	66.0	99.0
89	48.1	37.2	55.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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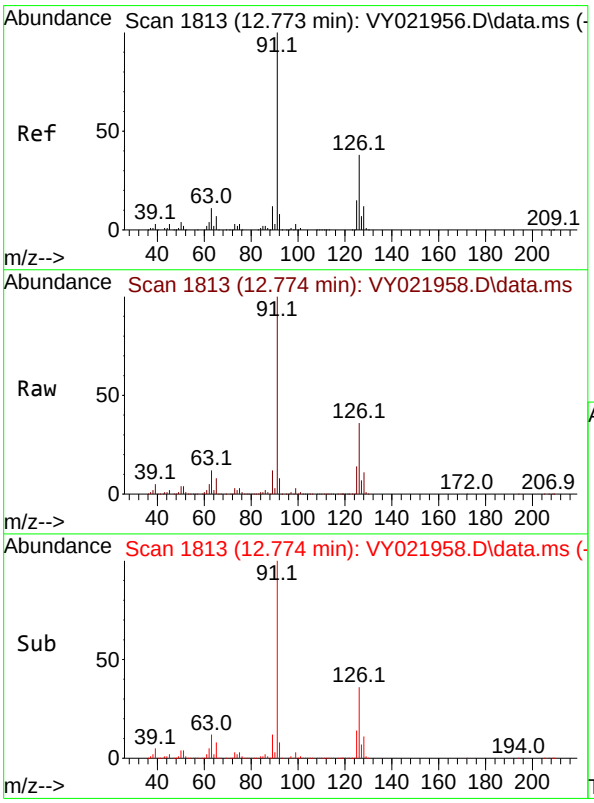
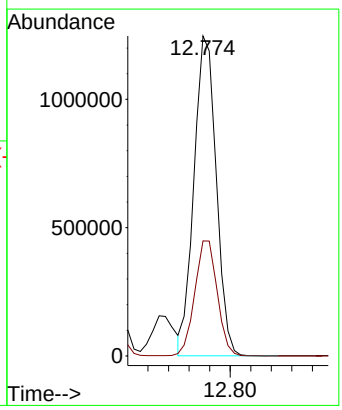
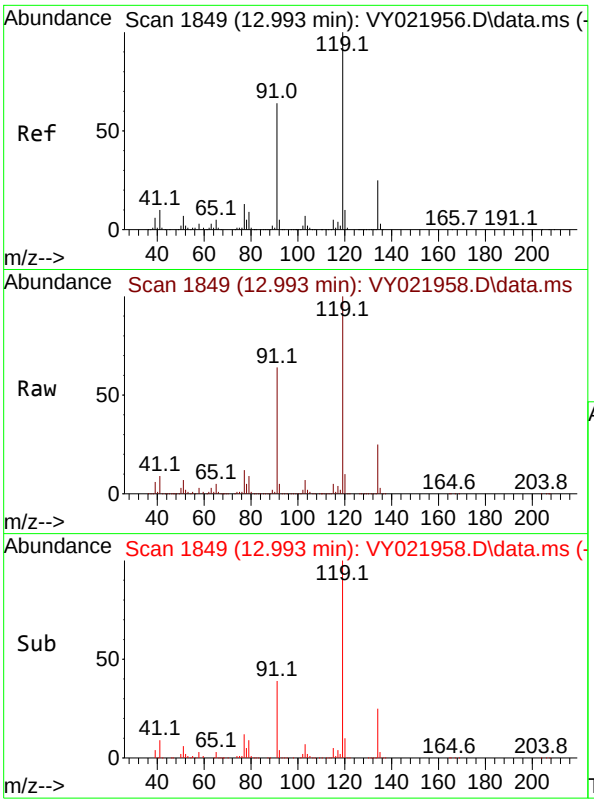


#82
4-Chlorotoluene
Concen: 152.484 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 91 Resp: 1879346

Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.9	53.8





#83
tert-Butylbenzene
Concen: 164.108 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:119 Resp: 207600

Ion	Ratio	Lower	Upper
119	100		
91	60.6	30.3	90.9
134	26.3	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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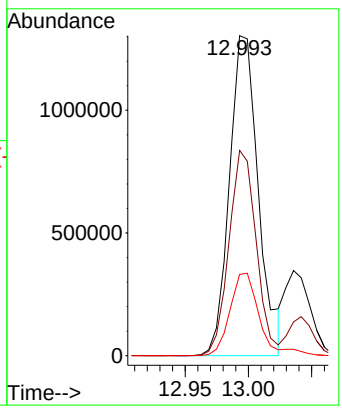
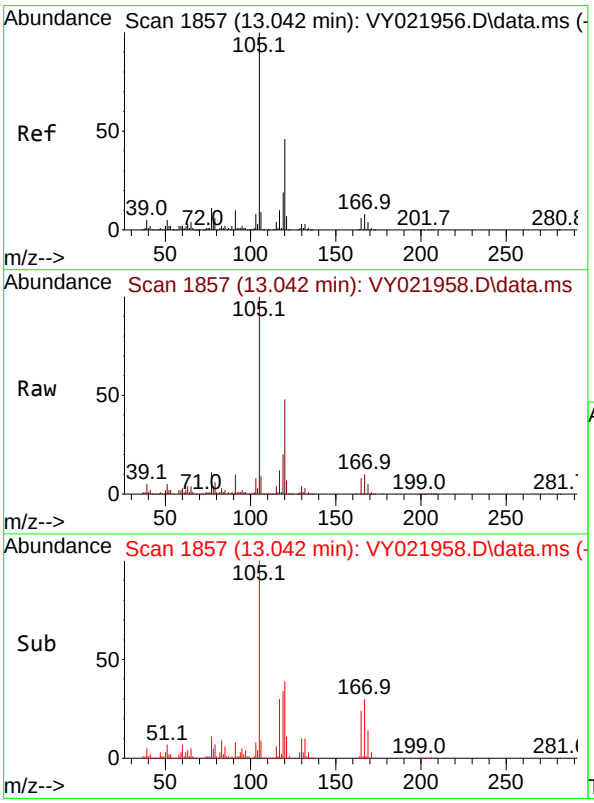
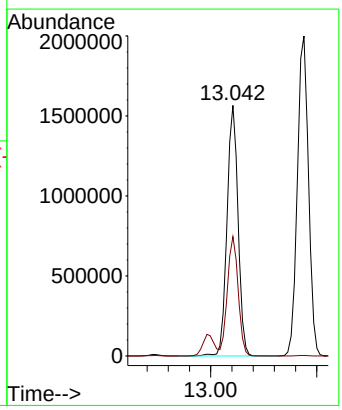


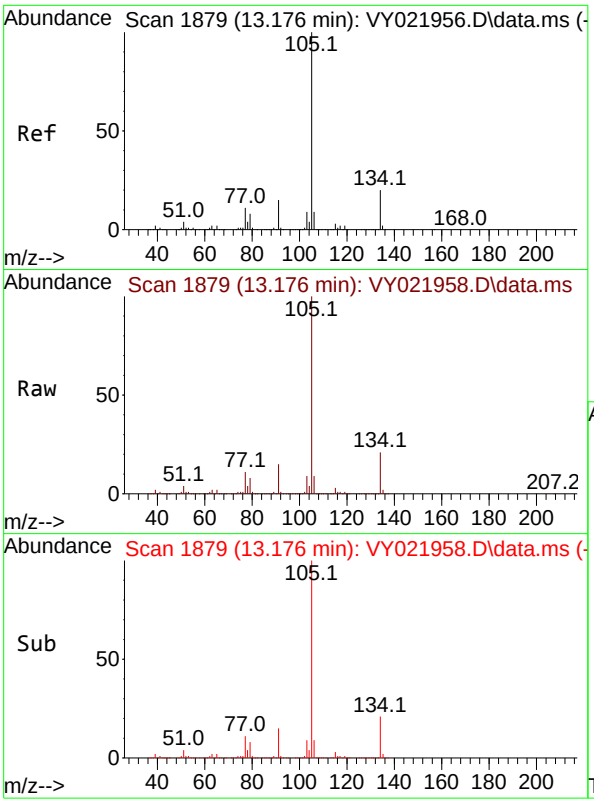


#84
1,2,4-Trimethylbenzene
Concen: 160.437 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:105 Resp: 2263509

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0

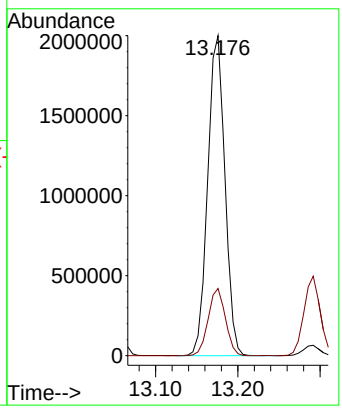




#85
sec-Butylbenzene
Concen: 157.224 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:105 Resp: 291039

Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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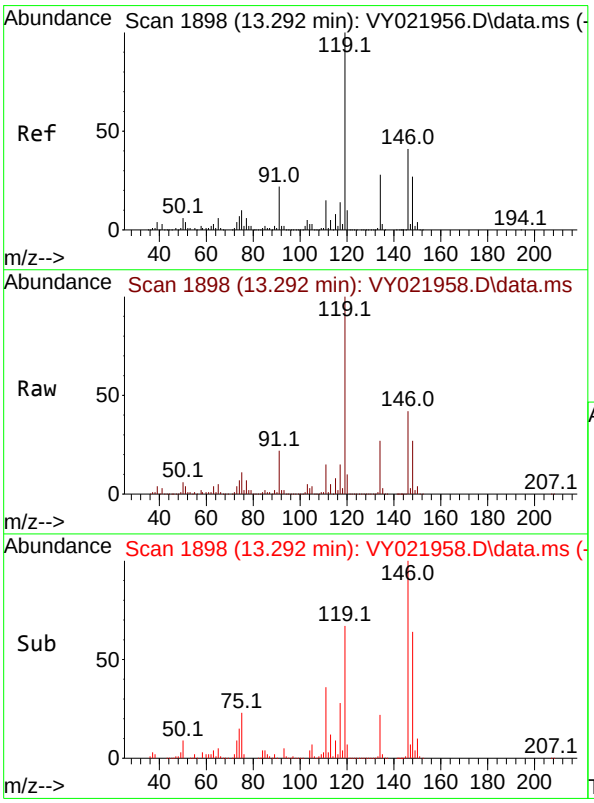
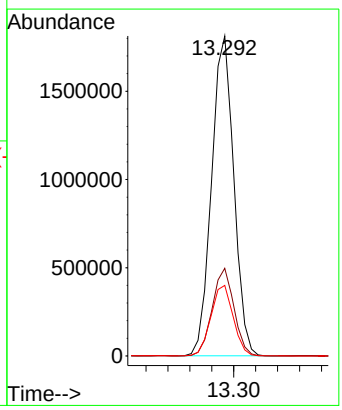
Supervised By :Mahesh Dadoda 04/23/2025

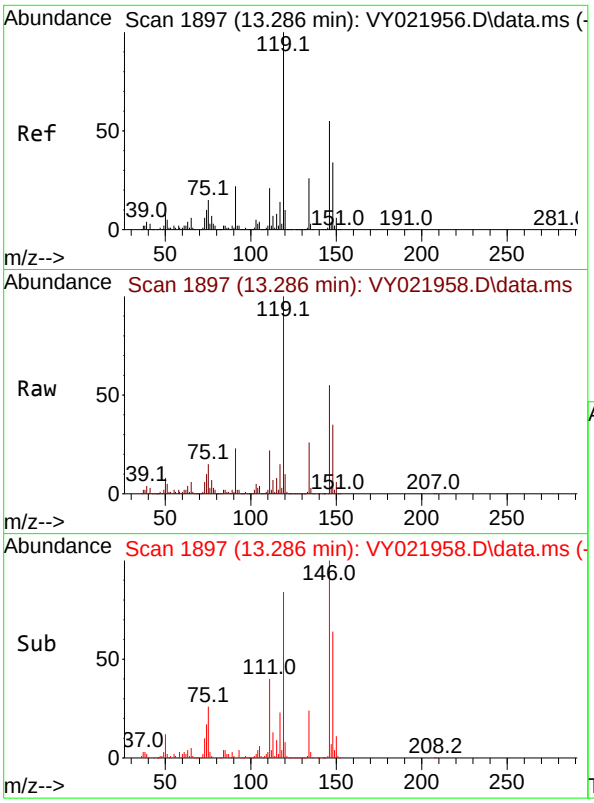


#86
p-Isopropyltoluene
Concen: 162.413 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:119 Resp: 2552924

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.6	40.7
91	22.2	11.0	33.0

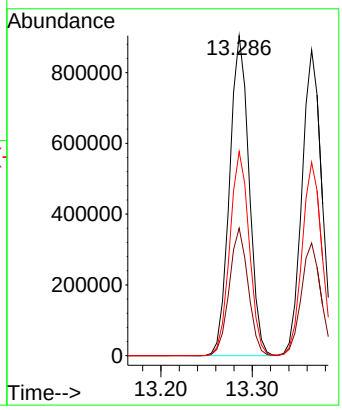




#87
1,3-Dichlorobenzene
Concen: 152.409 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:146 Resp: 133902

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	63.5	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

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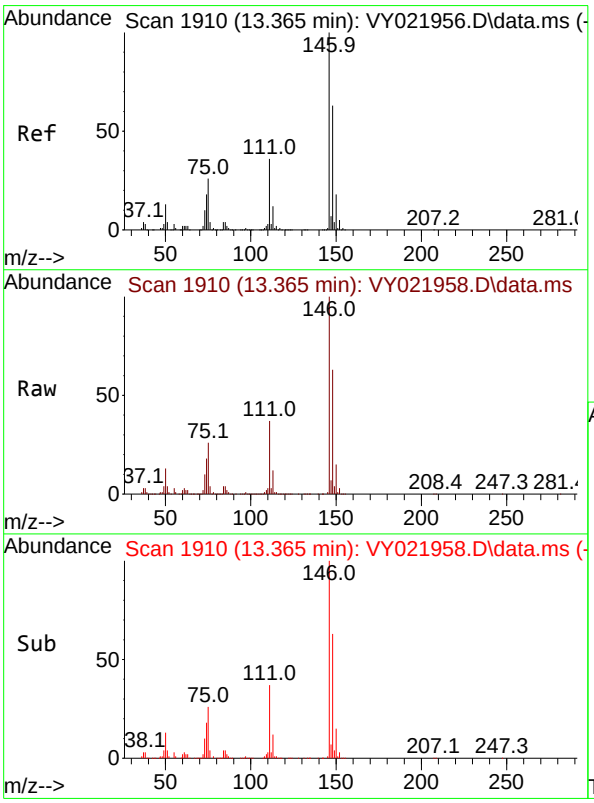
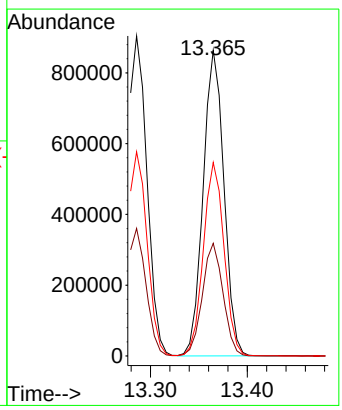
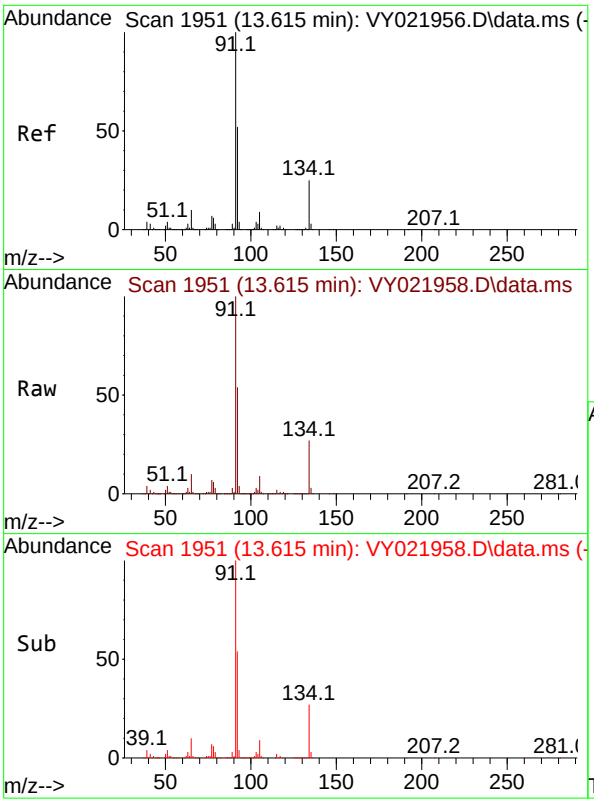


#88
1,4-Dichlorobenzene
Concen: 148.621 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:146 Resp: 1293200

Ion	Ratio	Lower	Upper
146	100		
111	36.6	19.2	57.6
148	63.2	32.0	96.0

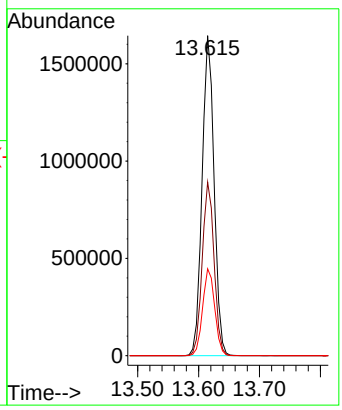




#89
n-Butylbenzene
Concen: 159.720 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 91 Resp: 224406

Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.5	79.5
134	27.5	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
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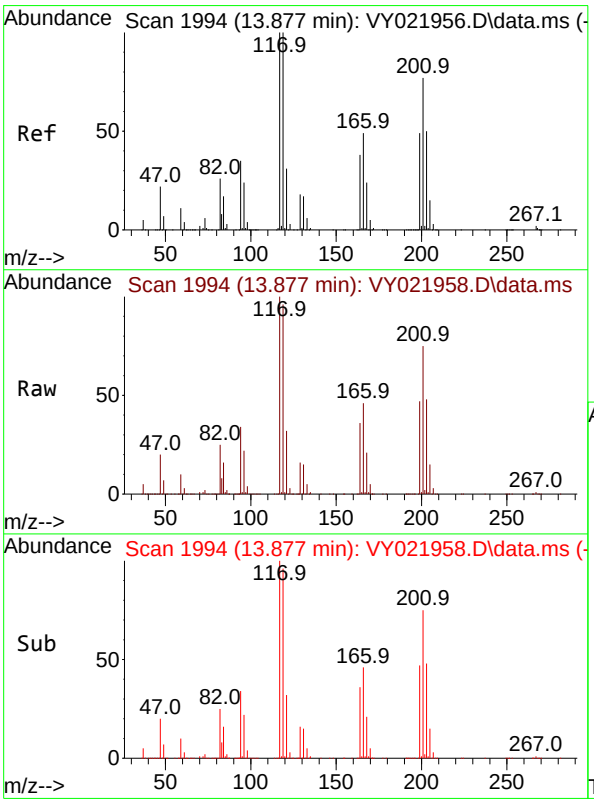
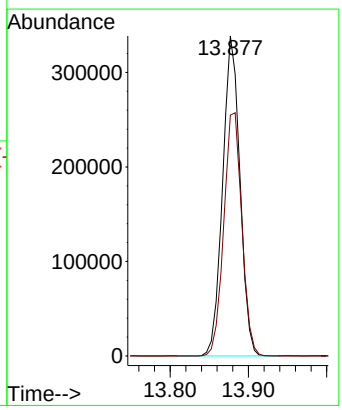
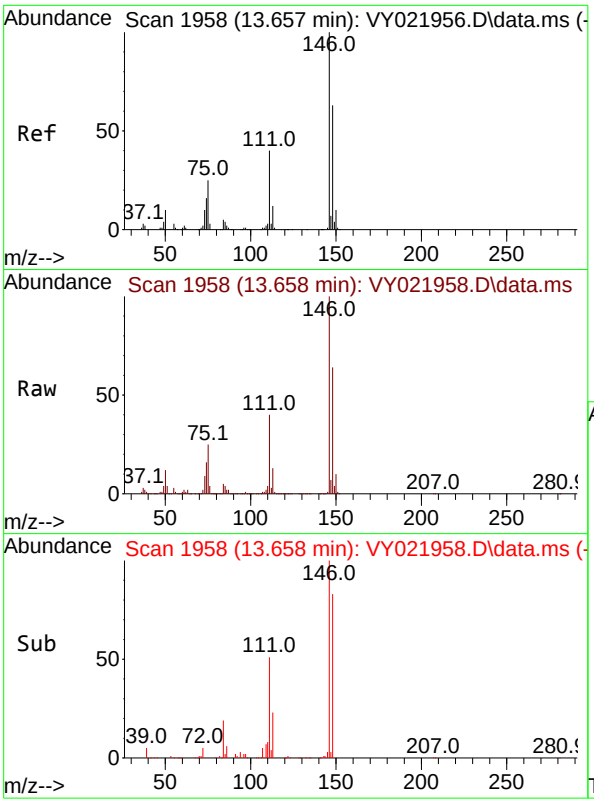


#90
Hexachloroethane
Concen: 150.683 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:117 Resp: 520392

Ion	Ratio	Lower	Upper
117	100		
201	79.2	38.7	116.1

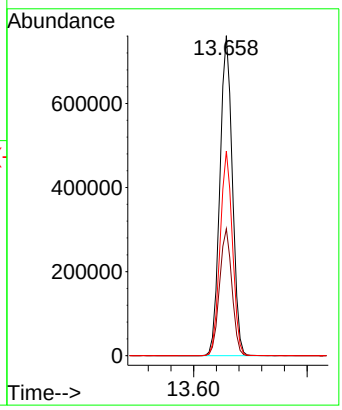




#91
1,2-Dichlorobenzene
Concen: 150.940 ug/l
RT: 13.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:146 Resp: 115663

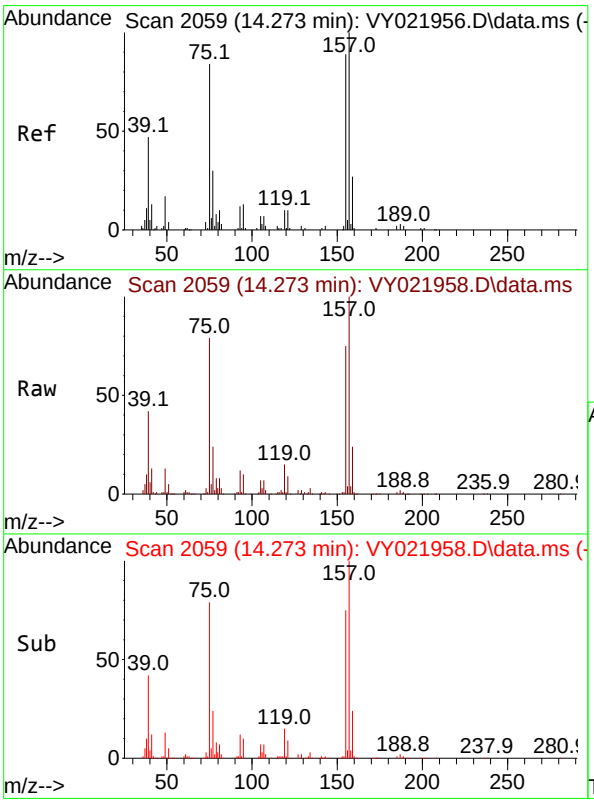
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	63.4	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

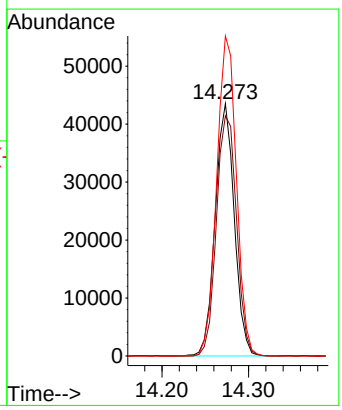
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

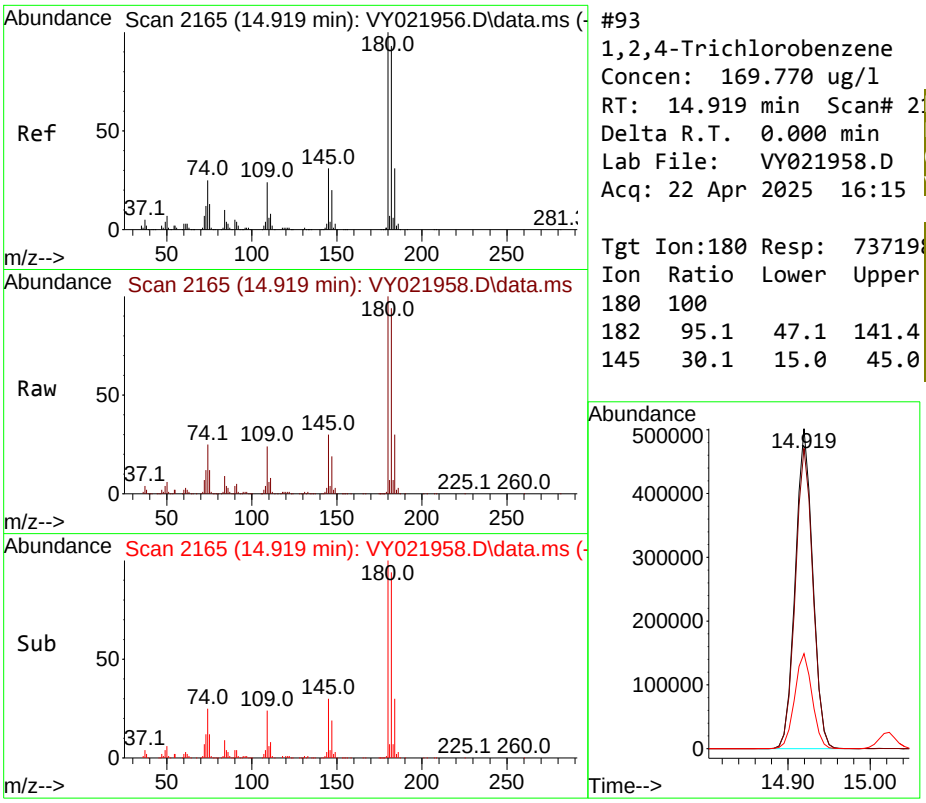


#92
1,2-Dibromo-3-Chloropropane
Concen: 145.323 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion: 75 Resp: 66731

Ion	Ratio	Lower	Upper
75	100		
155	100.4	50.7	152.3
157	130.3	62.6	187.8





#93
1,2,4-Trichlorobenzene
Concen: 169.770 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

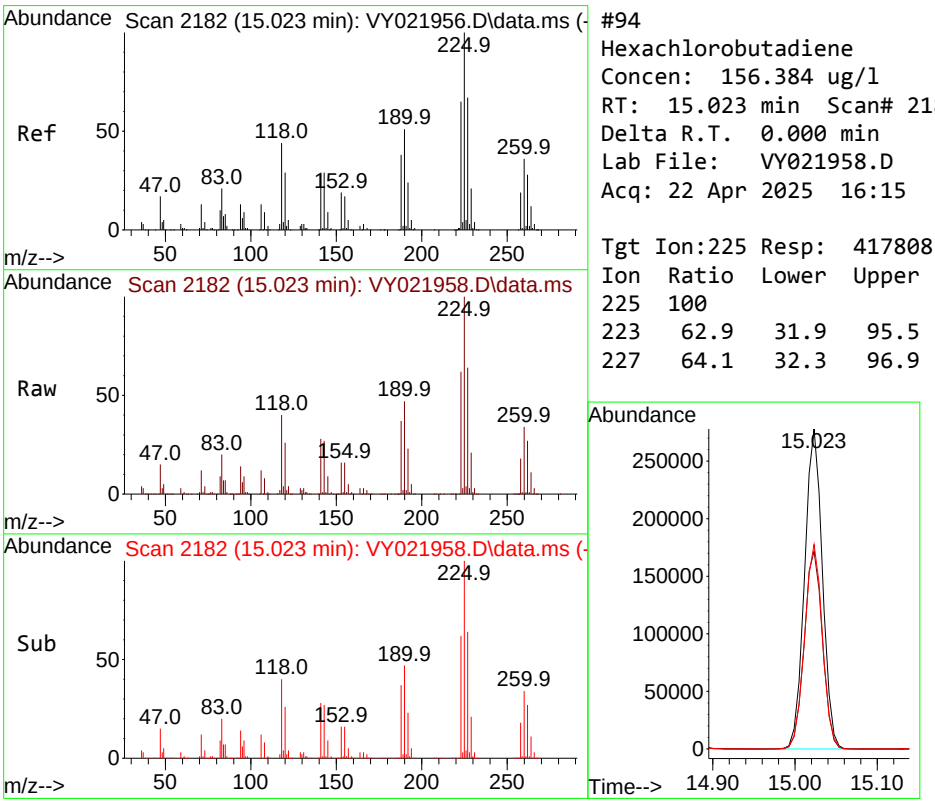
Tgt Ion:180 Resp: 73719

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.1	141.4
145	30.1	15.0	45.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

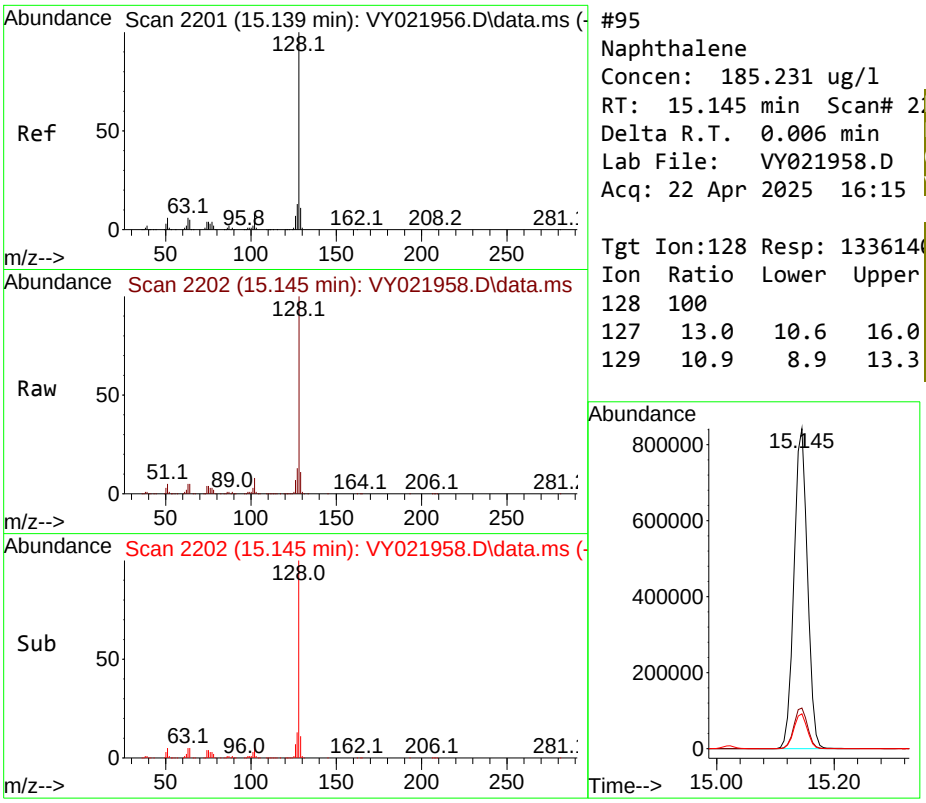
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#94
Hexachlorobutadiene
Concen: 156.384 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:225 Resp: 417808

Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.9	95.5
227	64.1	32.3	96.9



#95
Naphthalene
Concen: 185.231 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

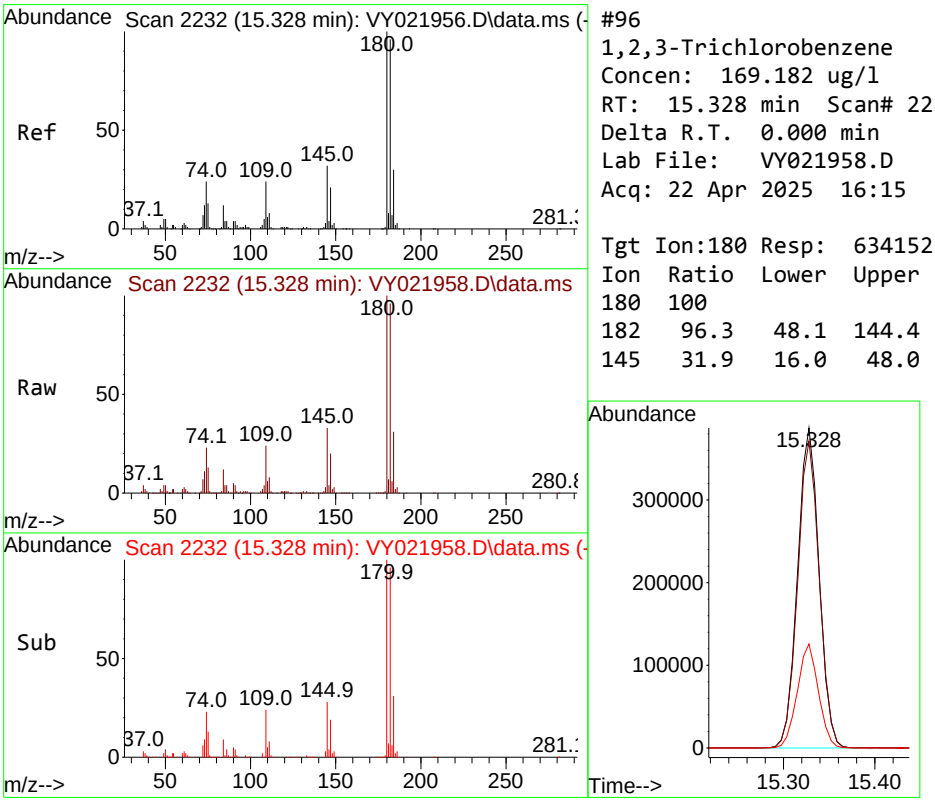
Tgt Ion:128 Resp: 133614

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.9	8.9	13.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 169.182 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021958.D
Acq: 22 Apr 2025 16:15

Tgt Ion:180 Resp: 634152

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	31.9	16.0	48.0

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	332081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	512398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	467094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	250602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147920	48.224	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.440%			
35) Dibromofluoromethane	7.634	113	165837	48.989	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.980%			
50) Toluene-d8	10.103	98	644989	50.539	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.402	95	219958	51.198	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	131226	46.375	ug/l	99
3) Chloromethane	2.068	50	183085	45.440	ug/l	97
4) Vinyl Chloride	2.202	62	224944	45.432	ug/l	99
5) Bromomethane	2.592	94	176551	41.389	ug/l	98
6) Chloroethane	2.733	64	149594	44.363	ug/l	96
7) Trichlorofluoromethane	3.056	101	301166	46.128	ug/l	98
8) Diethyl Ether	3.452	74	78016	45.910	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	163507	46.166	ug/l	99
10) Methyl Iodide	4.001	142	185031	45.123	ug/l	99
11) Tert butyl alcohol	4.872	59	38184	226.751	ug/l	97
12) 1,1-Dichloroethene	3.787	96	159060	48.182	ug/l	98
13) Acrolein	3.653	56	68719	227.366	ug/l	99
14) Allyl chloride	4.379	41	182426	47.458	ug/l	99
15) Acrylonitrile	5.055	53	140962	226.587	ug/l	98
16) Acetone	3.873	43	93445	231.130	ug/l	90
17) Carbon Disulfide	4.104	76	494065	46.938	ug/l	99
18) Methyl Acetate	4.385	43	70072	48.904	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	353863	47.891	ug/l	99
20) Methylene Chloride	4.610	84	175109	45.147	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	175356	47.430	ug/l	95
22) Diisopropyl ether	6.019	45	412936	48.273	ug/l	99
23) Vinyl Acetate	5.958	43	1105629	239.824	ug/l	100
24) 1,1-Dichloroethane	5.915	63	275152	46.404	ug/l	99
25) 2-Butanone	6.890	43	153920	220.139	ug/l	97
26) 2,2-Dichloropropane	6.884	77	240796	46.334	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	197583	47.795	ug/l	99
28) Bromochloromethane	7.244	49	111601	48.457	ug/l	98
29) Tetrahydrofuran	7.262	42	104080	229.194	ug/l	95
30) Chloroform	7.421	83	306777	46.643	ug/l	98
31) Cyclohexane	7.701	56	236026	46.548	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	279709	47.007	ug/l	99
36) 1,1-Dichloropropene	7.835	75	217873	47.914	ug/l	98
37) Ethyl Acetate	6.982	43	75275	46.092	ug/l	98
38) Carbon Tetrachloride	7.817	117	258803	47.630	ug/l	98
39) Methylcyclohexane	9.110	83	283178	49.486	ug/l	98
40) Benzene	8.079	78	677917	47.692	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	38694	43.342	ug/l	#	86
42) 1,2-Dichloroethane	8.158	62	163549	46.472	ug/l		99
43) Isopropyl Acetate	8.195	43	145980	46.545	ug/l		98
44) Trichloroethene	8.860	130	185153	47.027	ug/l		99
45) 1,2-Dichloropropane	9.140	63	148767	47.326	ug/l		97
46) Dibromomethane	9.231	93	91655	46.578	ug/l		99
47) Bromodichloromethane	9.420	83	235736	47.955	ug/l		97
48) Methyl methacrylate	9.219	41	71174	49.090	ug/l		98
49) 1,4-Dioxane	9.225	88	19954	951.409	ug/l		90
51) 4-Methyl-2-Pentanone	9.993	43	391245	237.972	ug/l		100
52) Toluene	10.170	92	448774	48.774	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	201939	47.893	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	241197	48.122	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	124598	47.403	ug/l		97
56) Ethyl methacrylate	10.439	69	150855	50.188	ug/l		99
57) 1,3-Dichloropropane	10.713	76	198147	47.024	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	373183	253.928	ug/l		99
59) 2-Hexanone	10.756	43	258458	238.340	ug/l		100
60) Dibromochloromethane	10.908	129	170608	46.882	ug/l		97
61) 1,2-Dibromoethane	11.012	107	117095	47.188	ug/l		99
64) Tetrachloroethene	10.646	164	205118	46.550	ug/l		96
65) Chlorobenzene	11.438	112	498605	47.734	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.512	131	177647	48.308	ug/l		99
67) Ethyl Benzene	11.518	91	856779	50.142	ug/l		100
68) m/p-Xylenes	11.627	106	687961	101.181	ug/l		99
69) o-Xylene	11.950	106	319291	50.949	ug/l		99
70) Styrene	11.969	104	542034	51.513	ug/l		100
71) Bromoform	12.127	173	102241	47.821	ug/l	#	100
73) Isopropylbenzene	12.249	105	833210	49.765	ug/l		99
74) N-amyl acetate	12.066	43	133081	46.264	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	130070	46.078	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	92664m	43.169	ug/l		
77) Bromobenzene	12.530	156	201978	47.741	ug/l		99
78) n-propylbenzene	12.591	91	995089	49.907	ug/l		100
79) 2-Chlorotoluene	12.676	91	560663	48.351	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	691575	50.131	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	39491	44.304	ug/l		98
82) 4-Chlorotoluene	12.773	91	583487	48.406	ug/l		100
83) tert-Butylbenzene	12.993	119	637155	51.499	ug/l		100
84) 1,2,4-Trimethylbenzene	13.042	105	693849	50.285	ug/l		100
85) sec-Butylbenzene	13.170	105	912398	50.397	ug/l		99
86) p-Isopropyltoluene	13.292	119	781445	50.831	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	408394	47.528	ug/l		100
88) 1,4-Dichlorobenzene	13.365	146	401694	47.202	ug/l		99
89) n-Butylbenzene	13.615	91	689937	50.209	ug/l		99
90) Hexachloroethane	13.877	117	160136	47.410	ug/l		100
91) 1,2-Dichlorobenzene	13.657	146	354764	47.337	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19379	43.151	ug/l		97
93) 1,2,4-Trichlorobenzene	14.919	180	207298	48.811	ug/l		99
94) Hexachlorobutadiene	15.023	225	126404	48.376	ug/l		98
95) Naphthalene	15.145	128	345515	48.975	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	175651	47.914	ug/l		100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

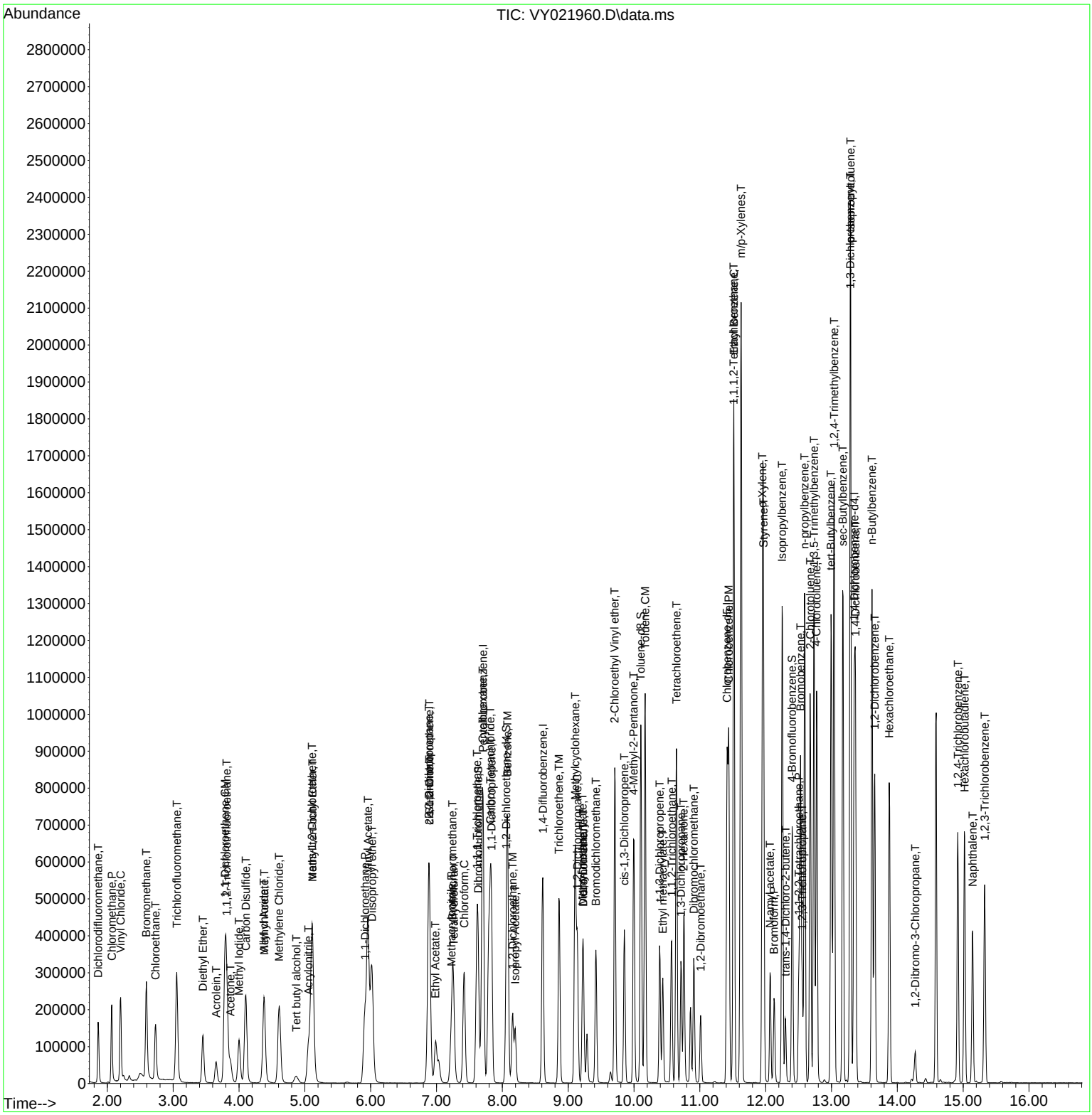
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

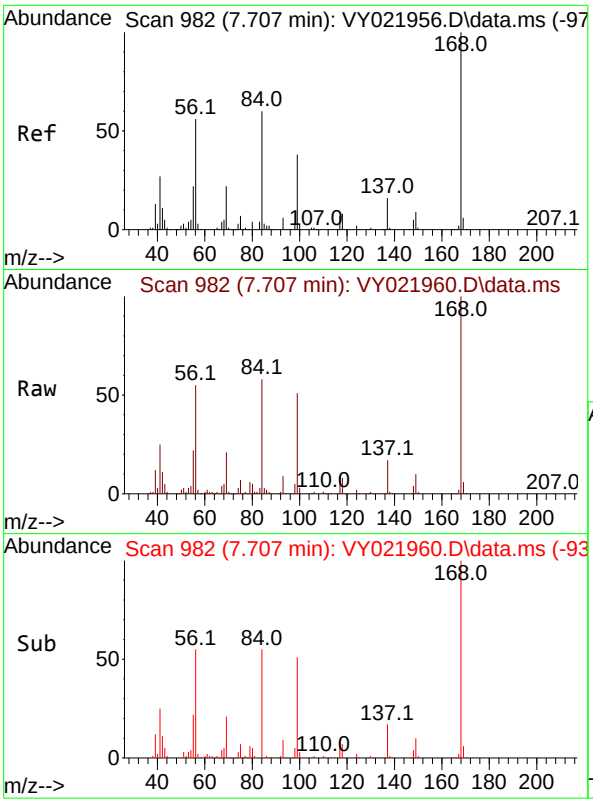
Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

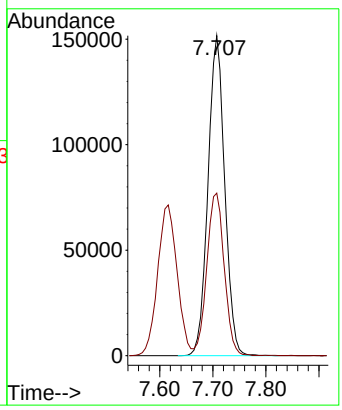




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:168 Resp: 33208

Ion	Ratio	Lower	Upper
168	100		
99	50.7	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations
APPROVED

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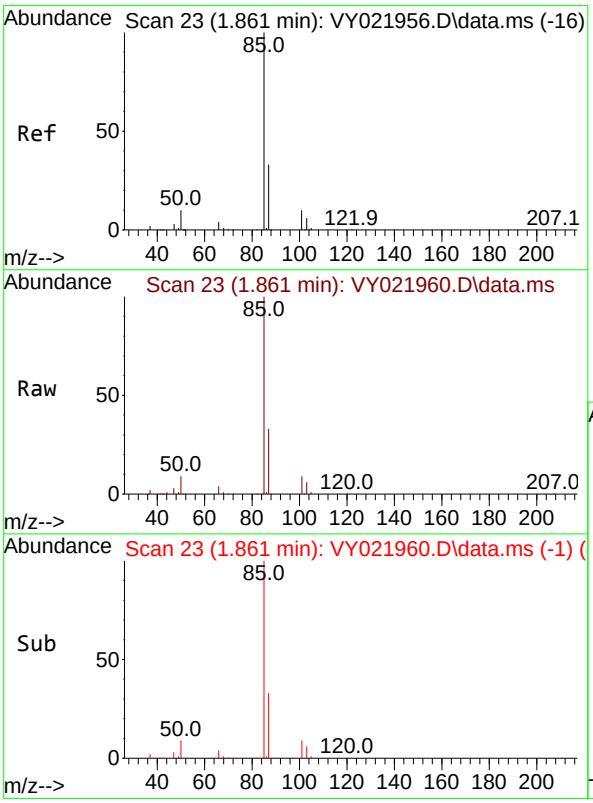
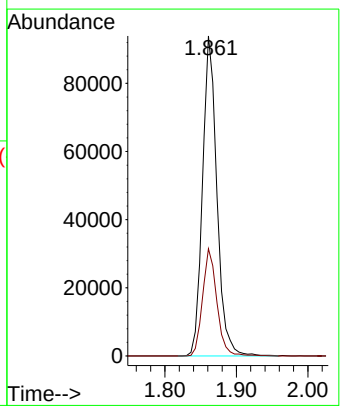
Supervised By :Mahesh Dadoda 04/23/2025

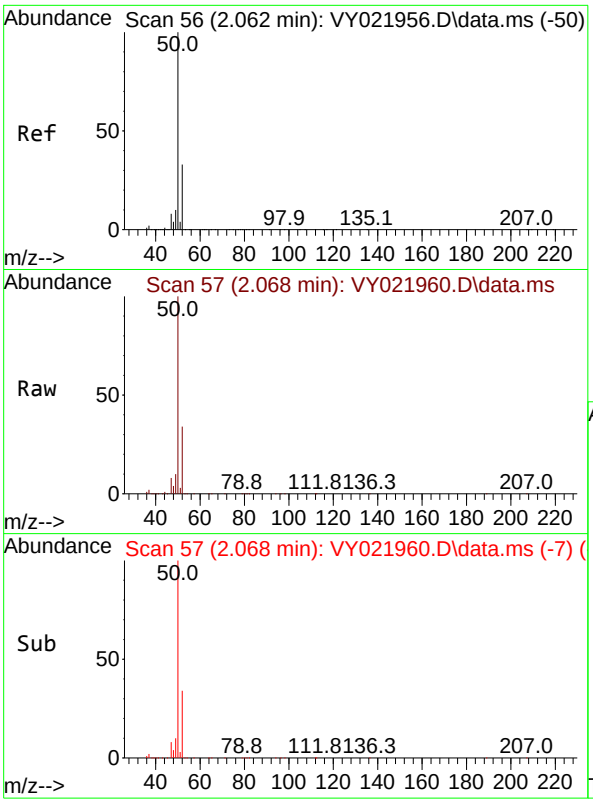


#2
Dichlorodifluoromethane
Concen: 46.375 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 85 Resp: 131226

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.6	49.7

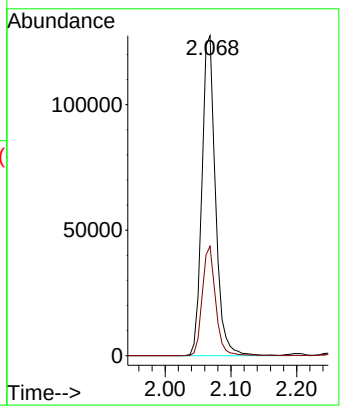




#3
Chloromethane
Concen: 45.440 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 50 Resp: 18308

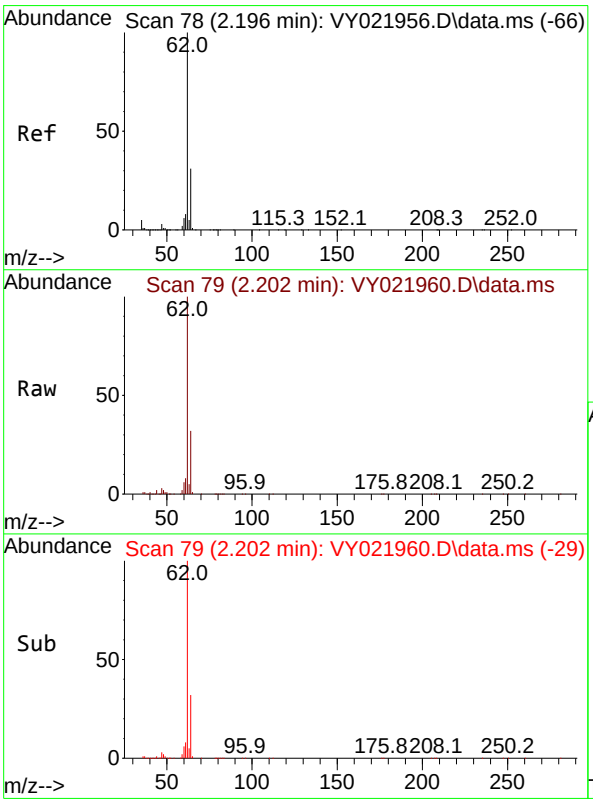
Ion	Ratio	Lower	Upper
50	100		
52	34.2	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations
APPROVED

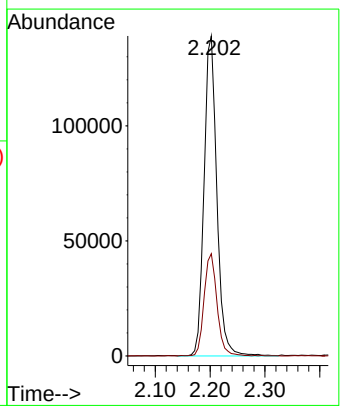
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

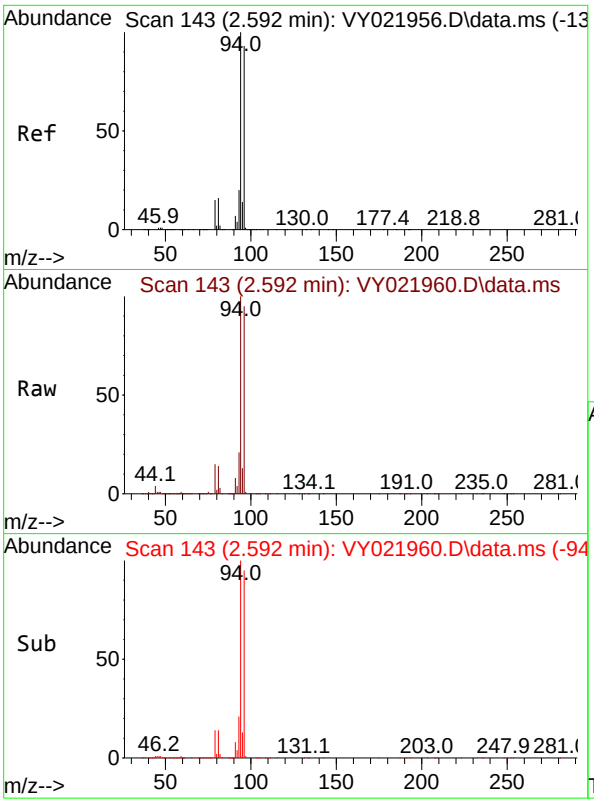


#4
Vinyl Chloride
Concen: 45.432 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 62 Resp: 224944

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.1	37.7

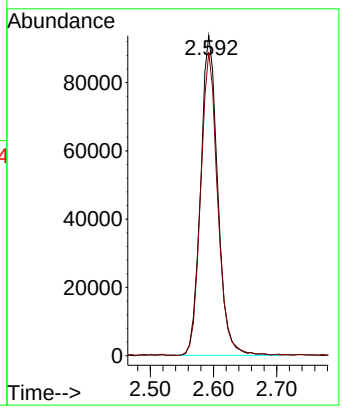




#5
Bromomethane
Concen: 41.389 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 94 Resp: 17655

Ion	Ratio	Lower	Upper
94	100		
96	94.9	74.6	111.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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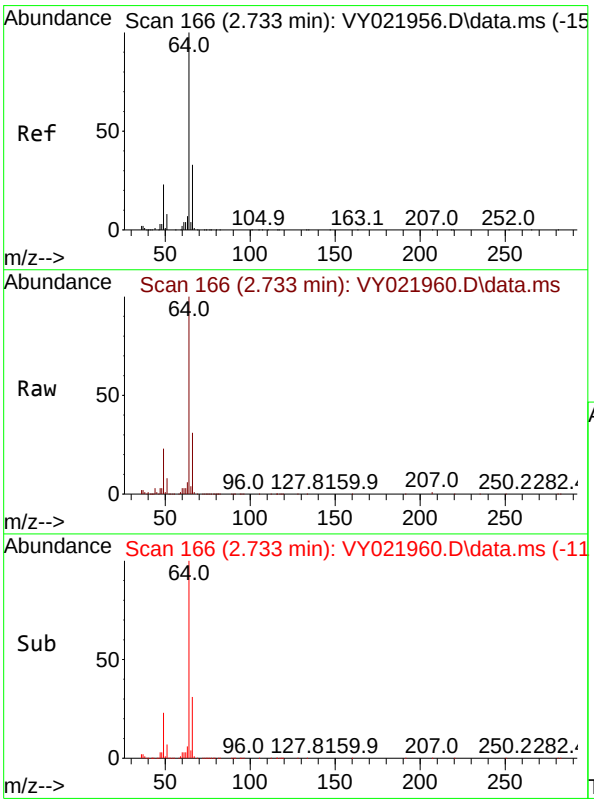
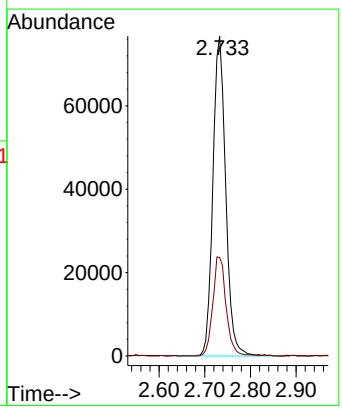
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

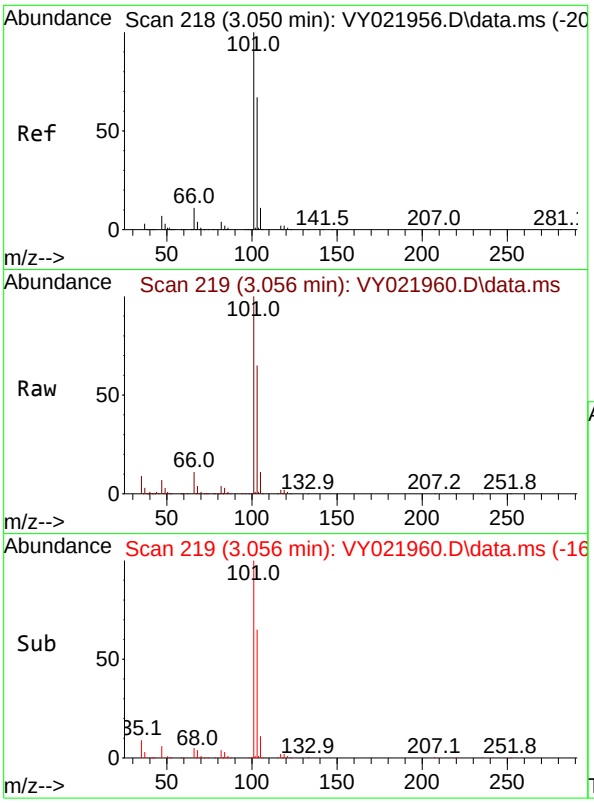


#6
Chloroethane
Concen: 44.363 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 64 Resp: 149594

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.2	39.4

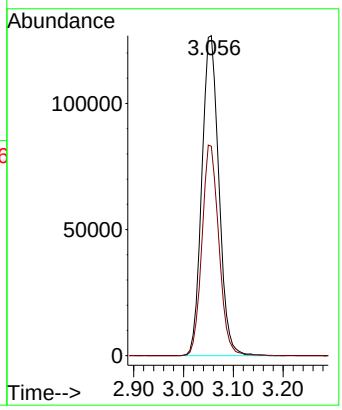




#7
Trichlorofluoromethane
Concen: 46.128 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:101 Resp: 30116

Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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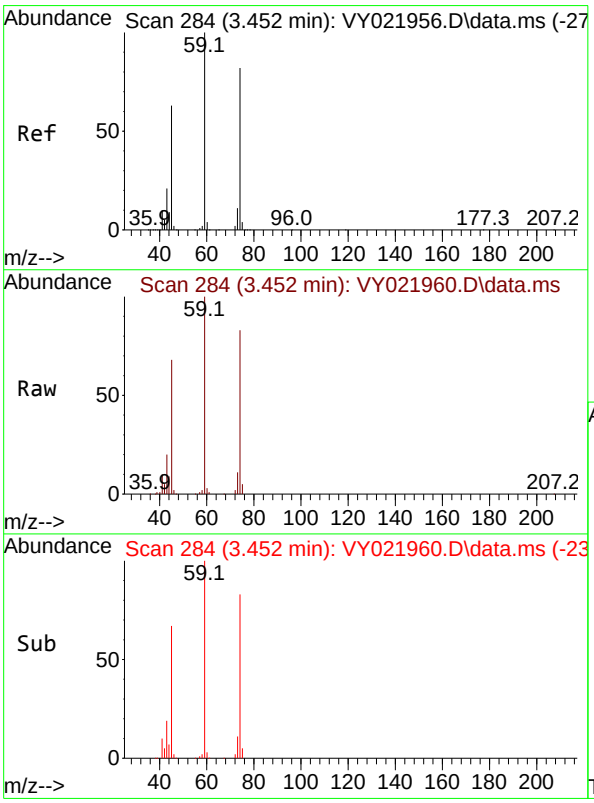
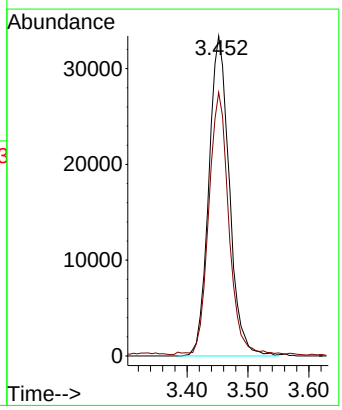
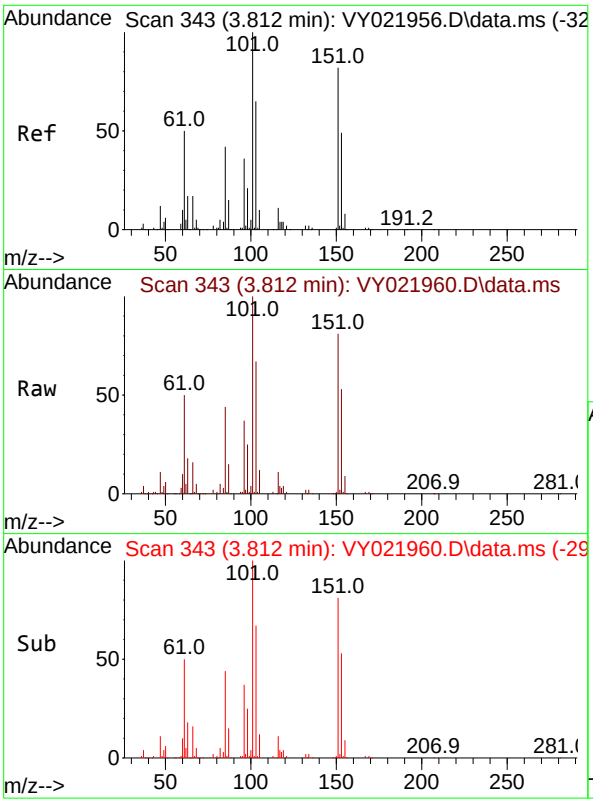


#8
Diethyl Ether
Concen: 45.910 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 74 Resp: 78016

Ion	Ratio	Lower	Upper
74	100		
45	79.3	39.1	117.5

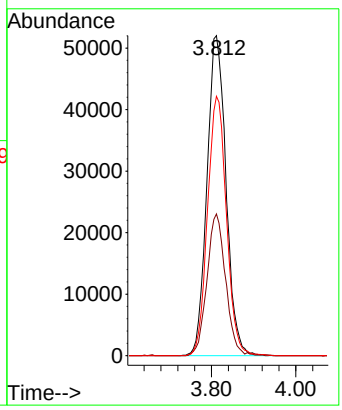




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.166 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:101 Resp: 16350

Ion	Ratio	Lower	Upper
101	100		
85	43.4	34.6	51.8
151	80.5	63.7	95.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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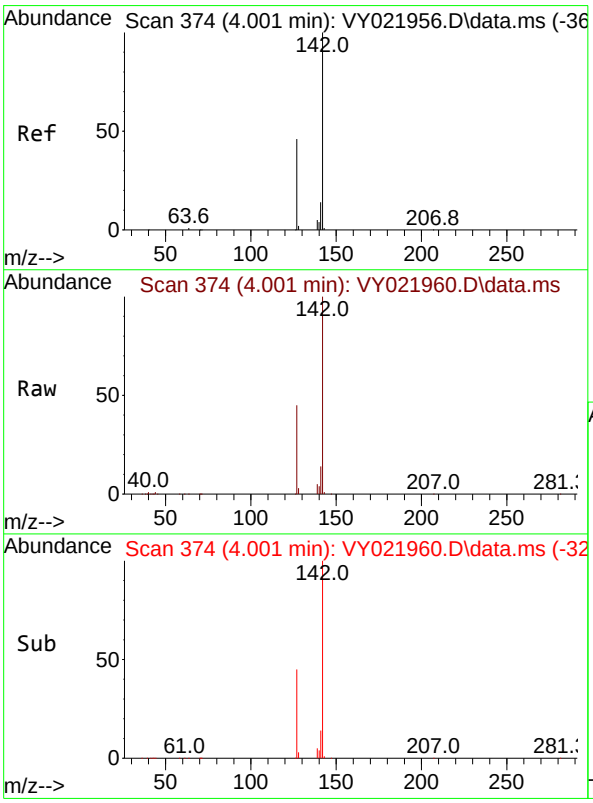
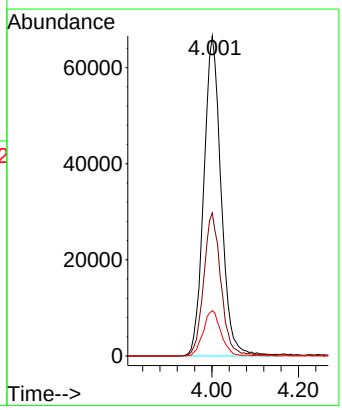
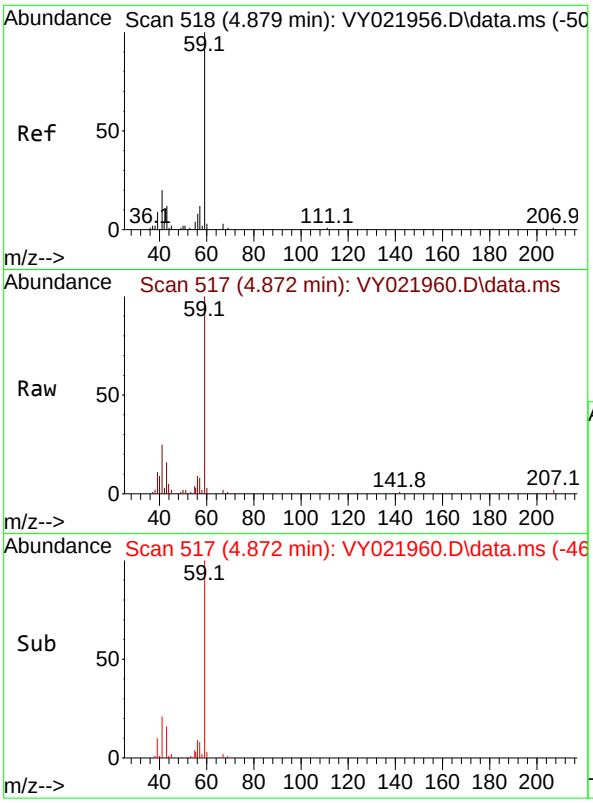


#10
Methyl Iodide
Concen: 45.123 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:142 Resp: 185031

Ion	Ratio	Lower	Upper
142	100		
127	44.4	36.2	54.2
141	14.5	11.7	17.5





#11
Tert butyl alcohol
Concen: 226.751 ug/l
RT: 4.872 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 59 Resp: 3818

Ion	Ratio	Lower	Upper
59	100		
57	10.5	9.3	13.9

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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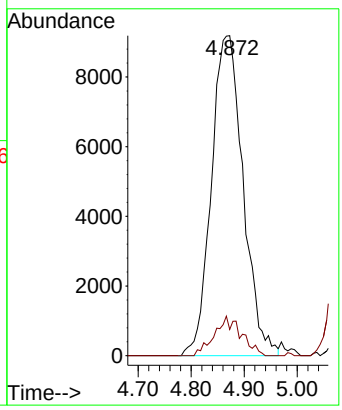
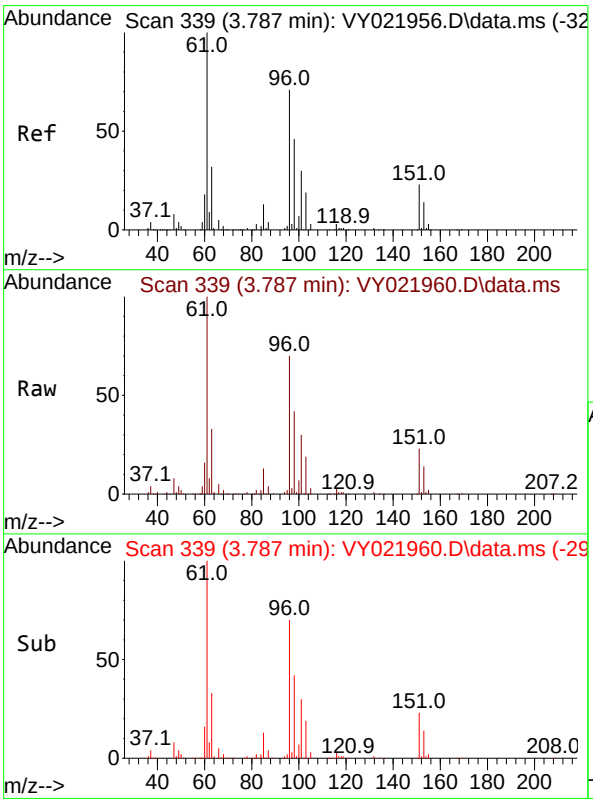
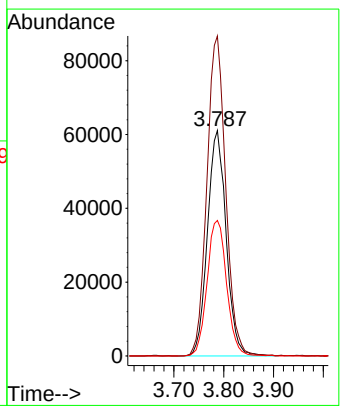


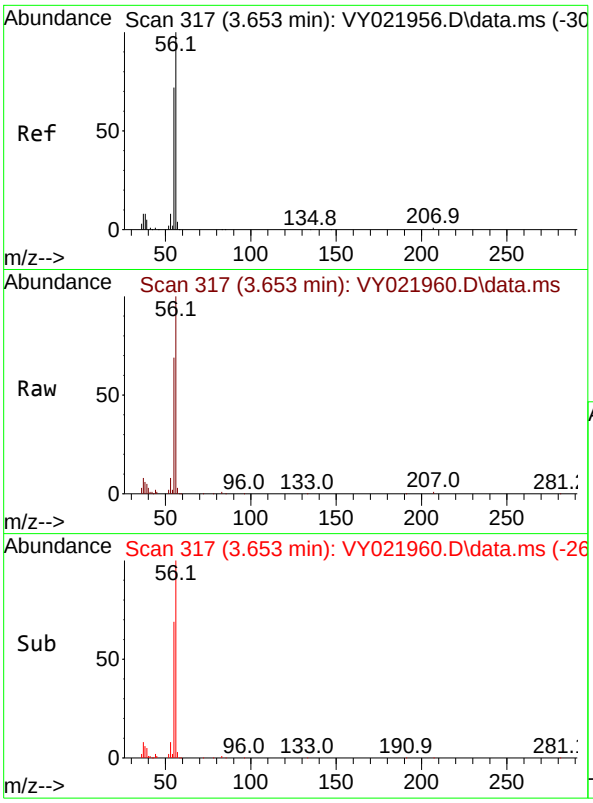


#12
1,1-Dichloroethene
Concen: 48.182 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 96 Resp: 159060

Ion	Ratio	Lower	Upper
96	100		
61	141.9	113.0	169.4
98	60.1	51.4	77.2

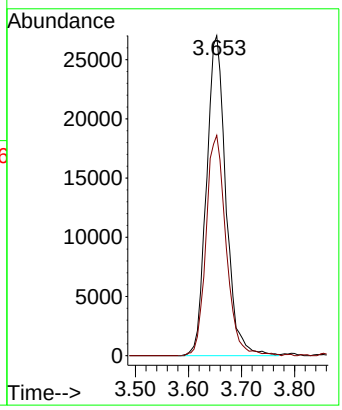




#13
Acrolein
Concen: 227.366 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 56 Resp: 6871

Ion	Ratio	Lower	Upper
56	100		
55	71.0	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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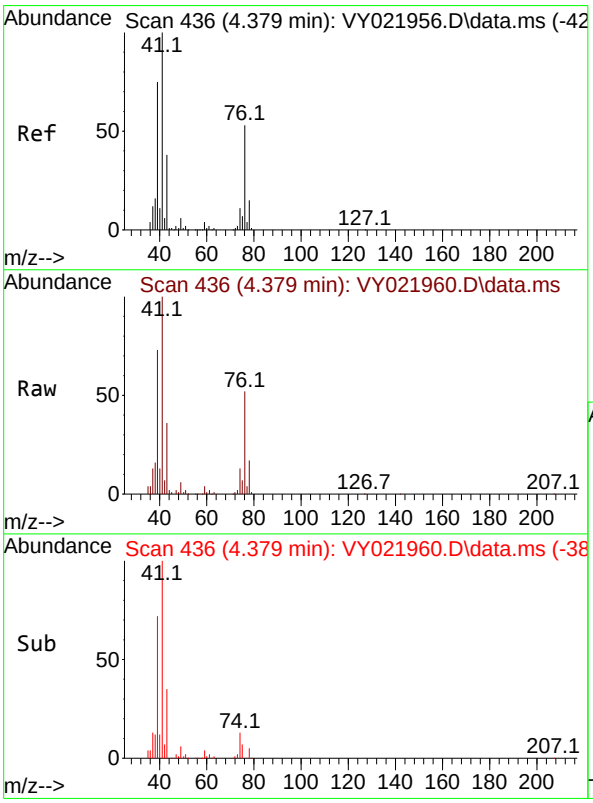
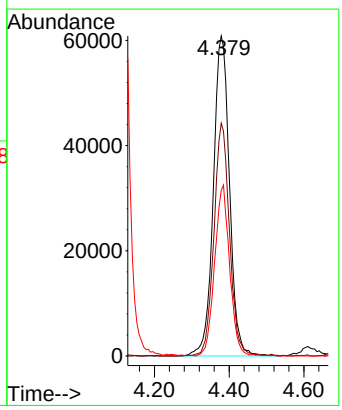
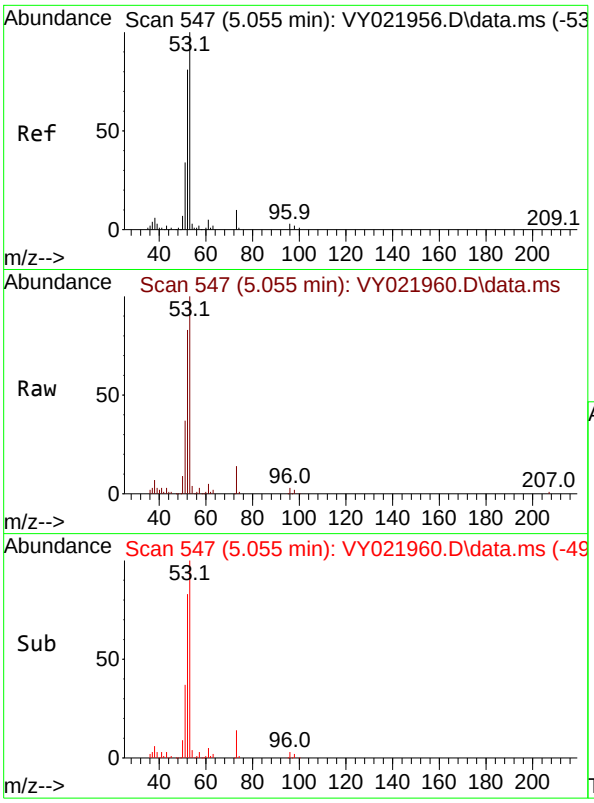


#14
Allyl chloride
Concen: 47.458 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 41 Resp: 182426

Ion	Ratio	Lower	Upper
41	100		
39	70.4	57.2	85.8
76	49.8	39.7	59.5





#15
Acrylonitrile
Concen: 226.587 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 53 Resp: 14096

Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.0	97.6
51	37.0	28.9	43.3

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations
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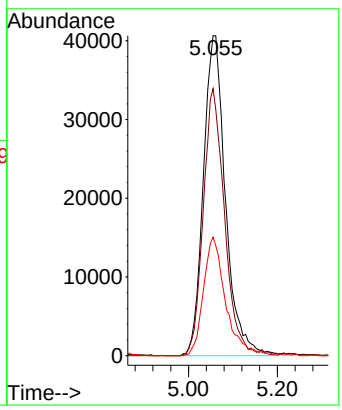
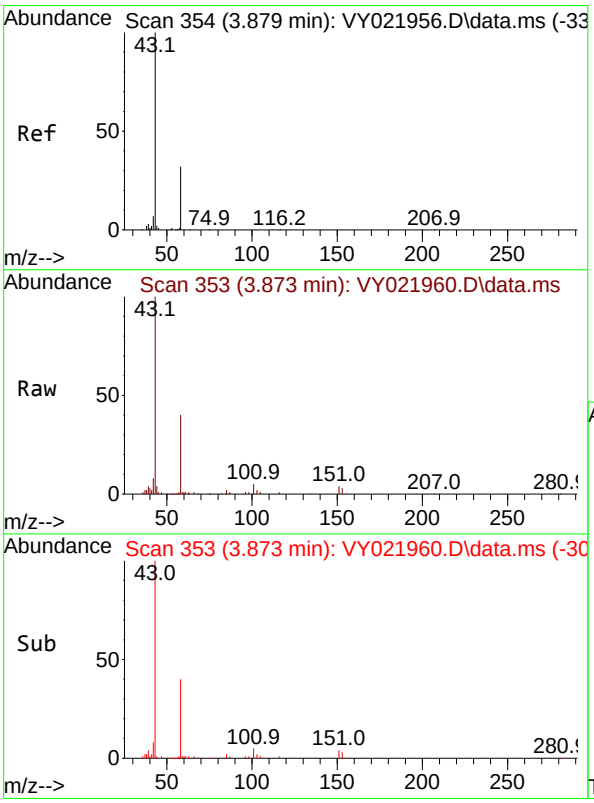
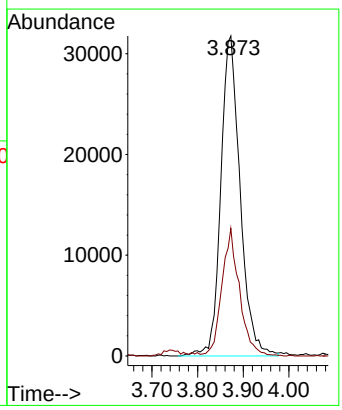


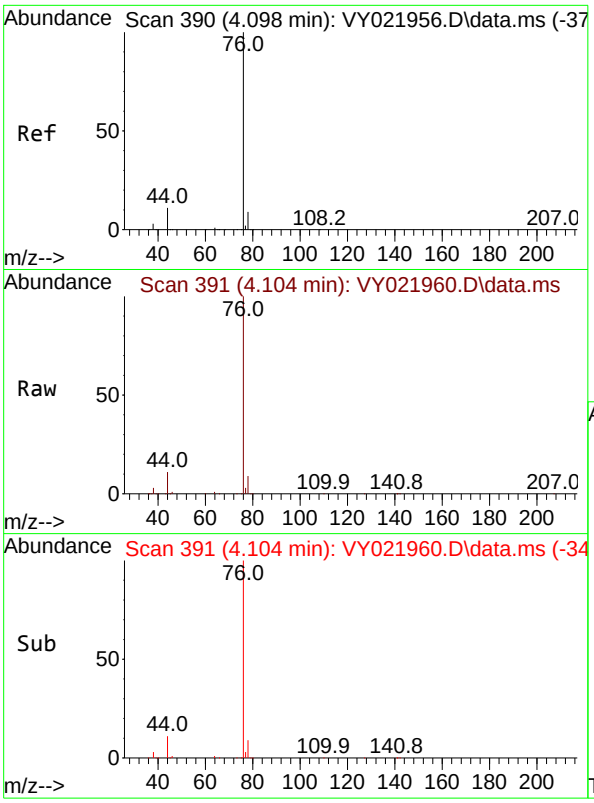


#16
Acetone
Concen: 231.130 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 93445

Ion	Ratio	Lower	Upper
43	100		
58	39.7	27.0	40.4

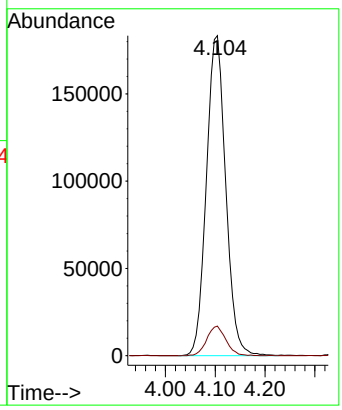




#17
Carbon Disulfide
Concen: 46.938 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 76 Resp: 49406

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.6	11.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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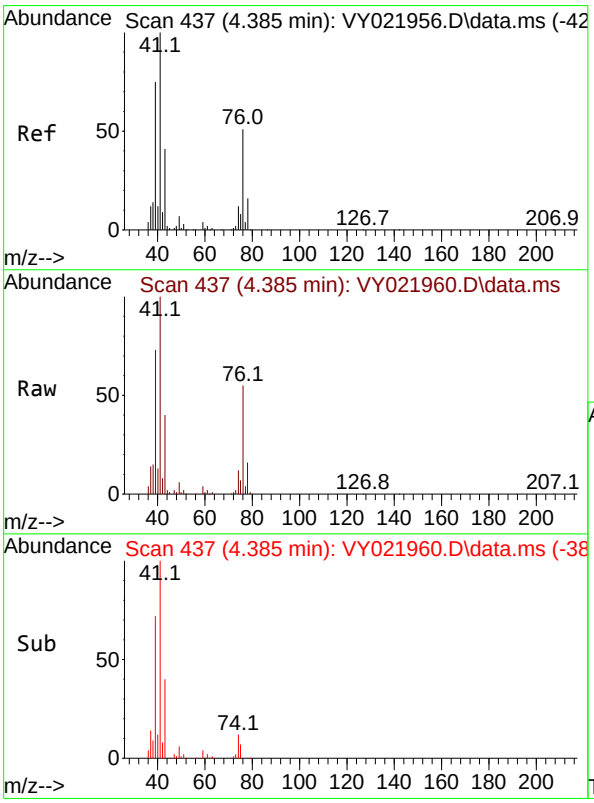
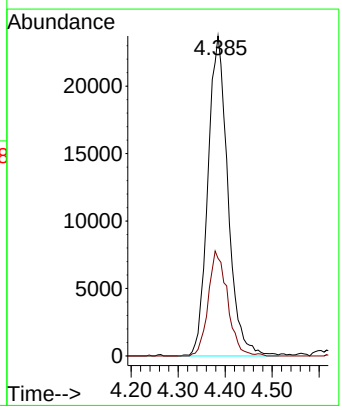
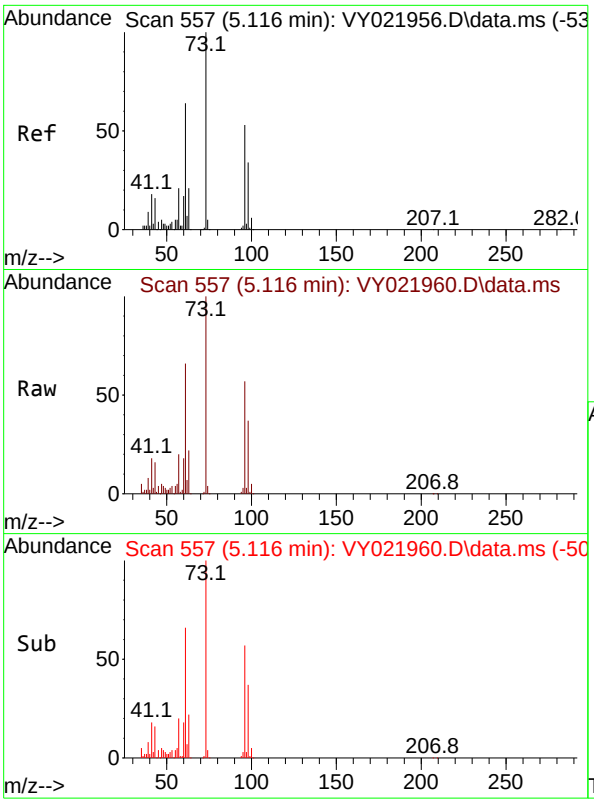


#18
Methyl Acetate
Concen: 48.904 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 70072

Ion	Ratio	Lower	Upper
43	100		
74	31.5	24.2	36.4

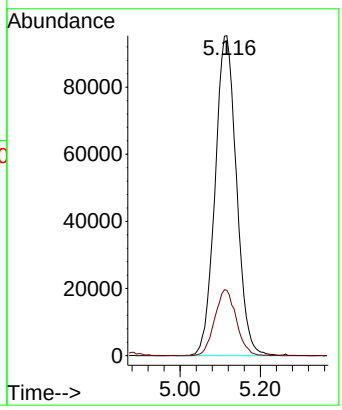




#19
Methyl tert-butyl Ether
Concen: 47.891 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 73 Resp: 35386

Ion	Ratio	Lower	Upper
73	100		
57	20.5	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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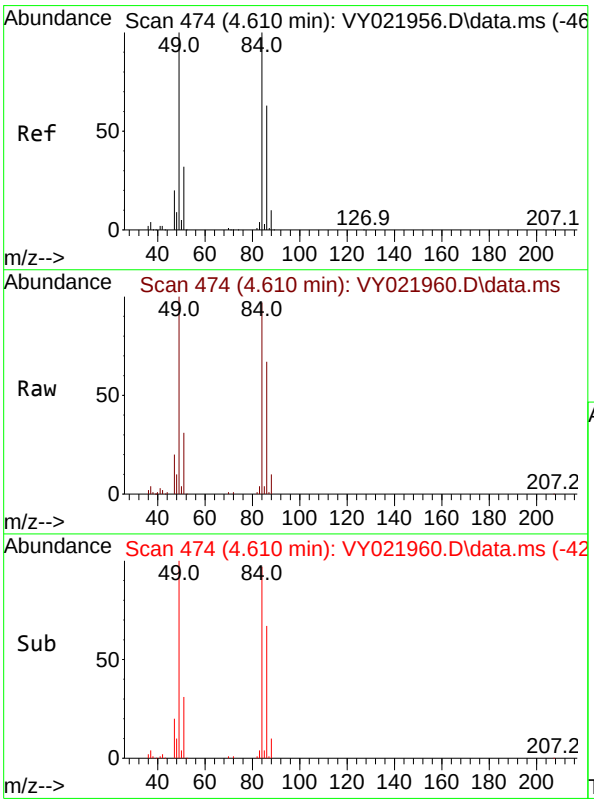
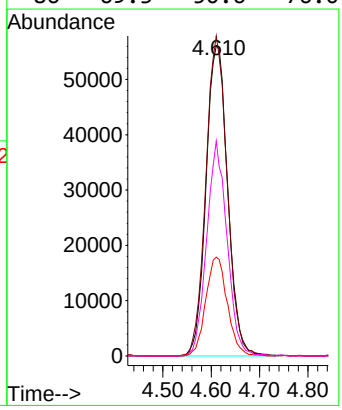
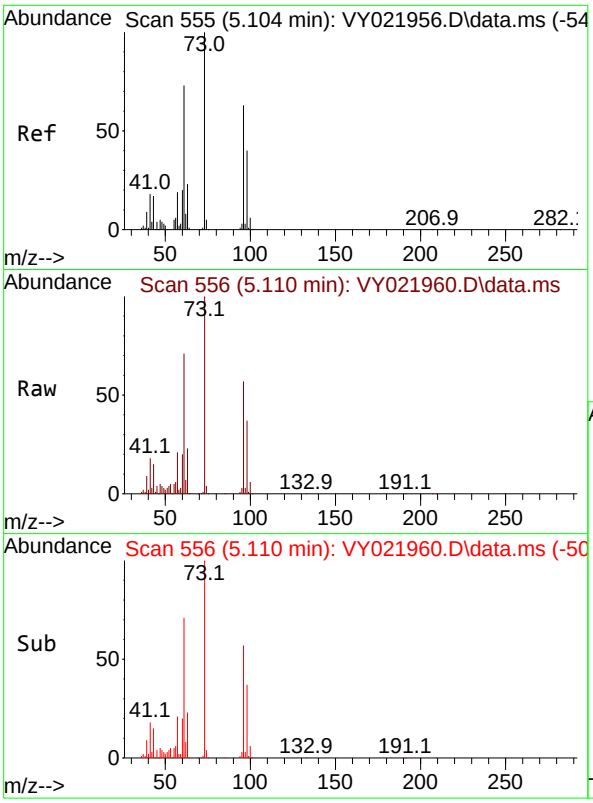


#20
Methylene Chloride
Concen: 45.147 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 84 Resp: 175109

Ion	Ratio	Lower	Upper
84	100		
49	103.2	79.9	119.9
51	31.9	25.4	38.0
86	69.3	50.6	76.0

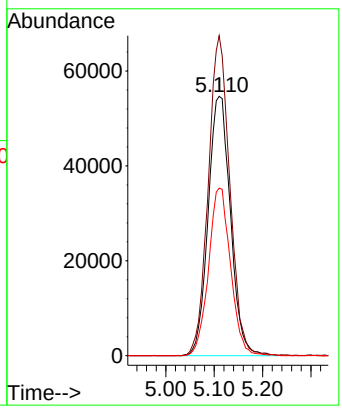




#21
trans-1,2-Dichloroethene
Concen: 47.430 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 96 Resp: 17535

Ion	Ratio	Lower	Upper
96	100		
61	123.3	92.6	138.8
98	64.6	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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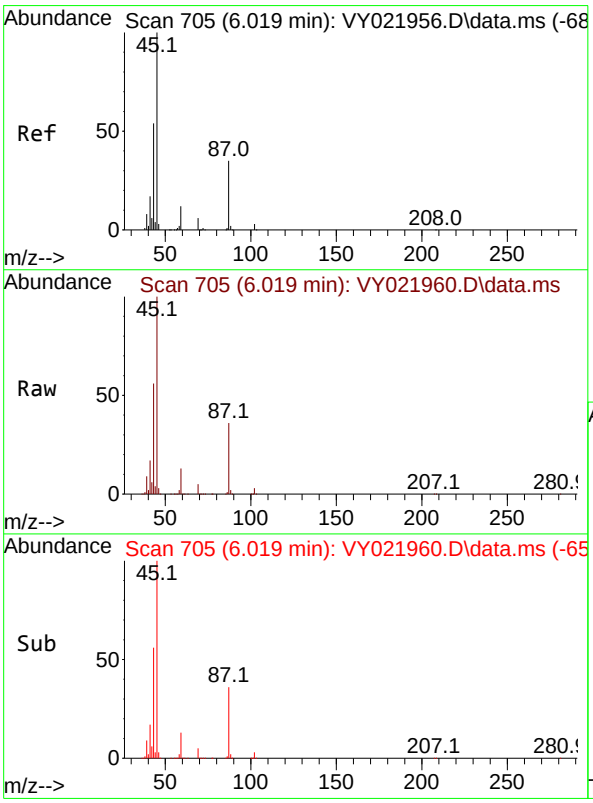
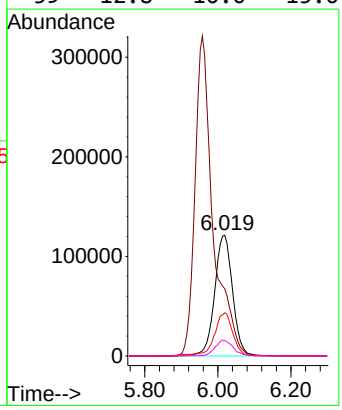
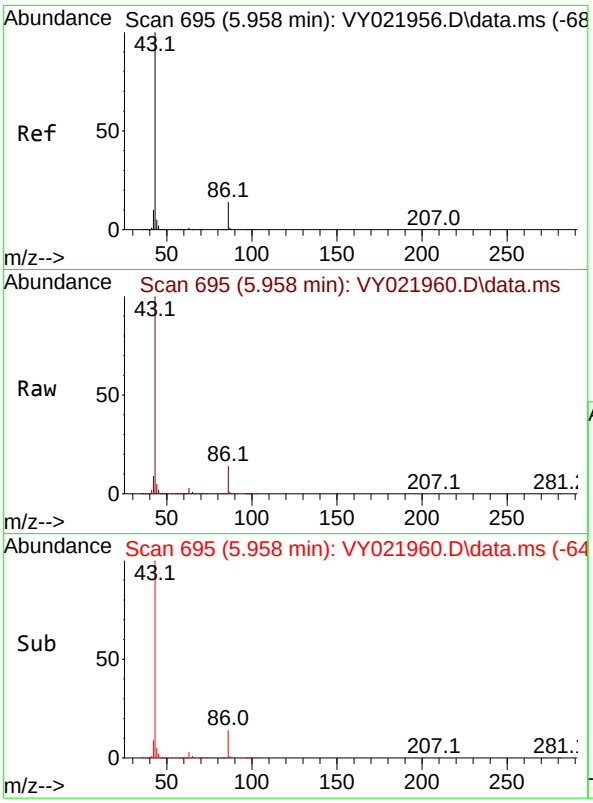


#22
Diisopropyl ether
Concen: 48.273 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 45 Resp: 412936

Ion	Ratio	Lower	Upper
45	100		
43	55.5	43.6	65.4
87	35.9	28.2	42.4
59	12.8	10.0	15.0

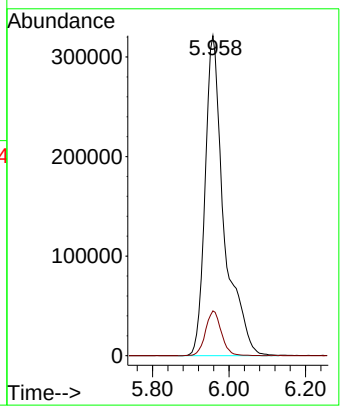




#23
Vinyl Acetate
Concen: 239.824 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 110562

Ion	Ratio	Lower	Upper
43	100		
86	14.0	11.1	16.7



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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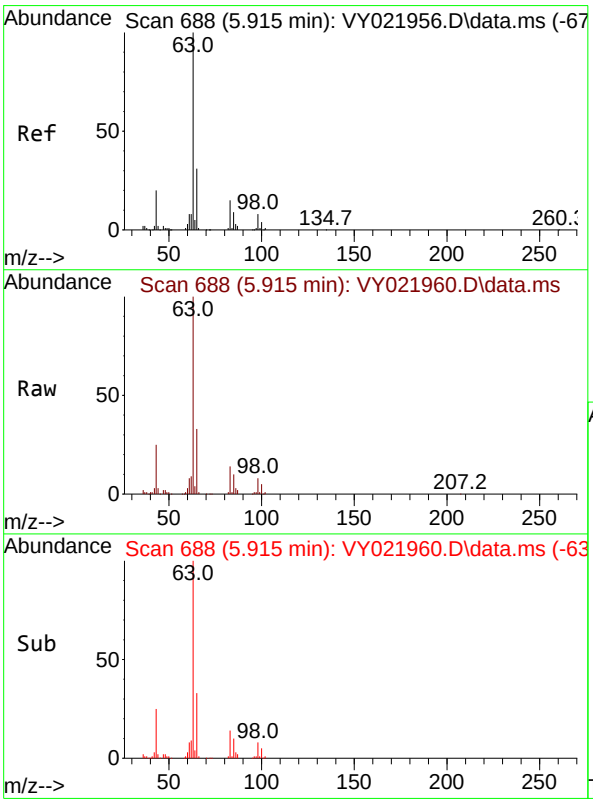
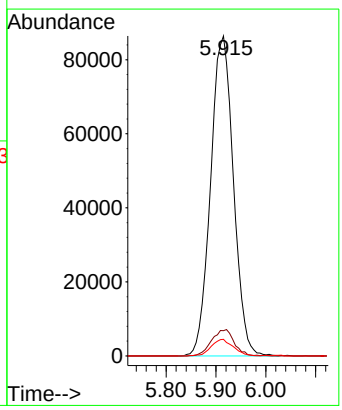
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

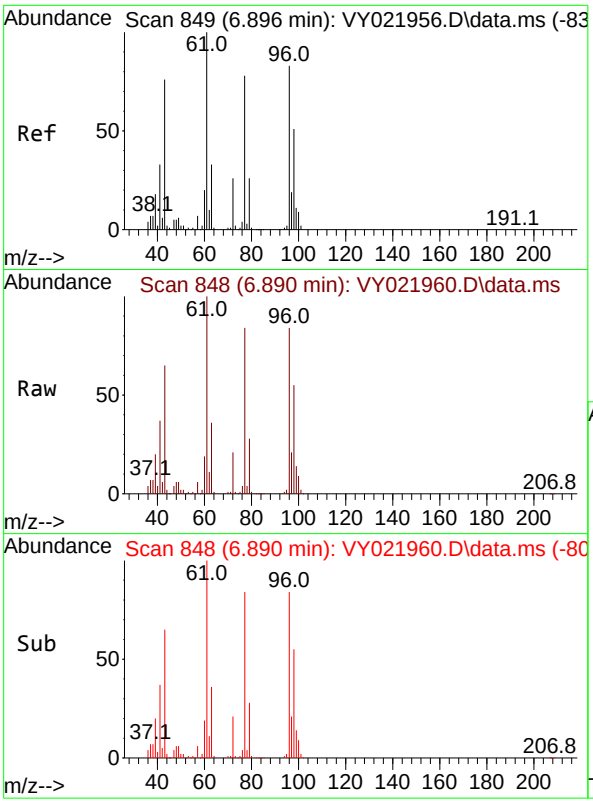


#24
1,1-Dichloroethane
Concen: 46.404 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 63 Resp: 275152

Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	5.2	2.0	6.0





#25
2-Butanone
Concen: 220.139 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 15392

Ion	Ratio	Lower	Upper
43	100		
72	31.9	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
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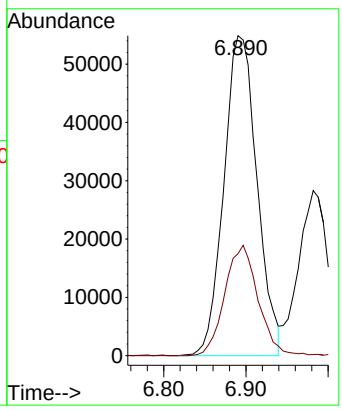
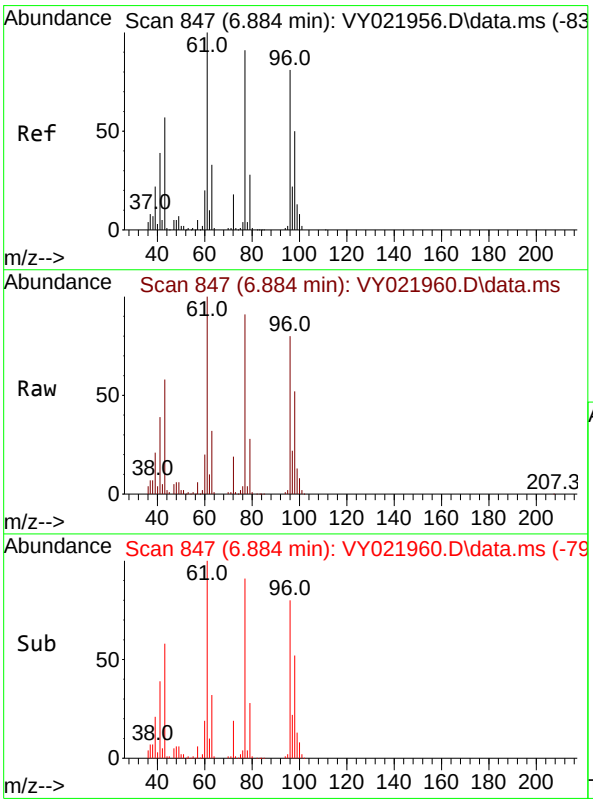
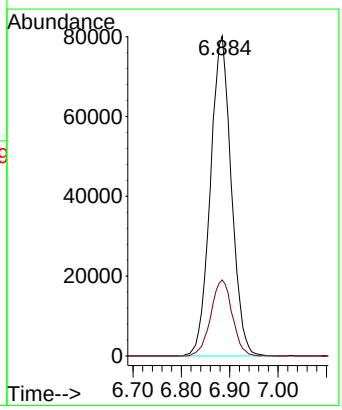


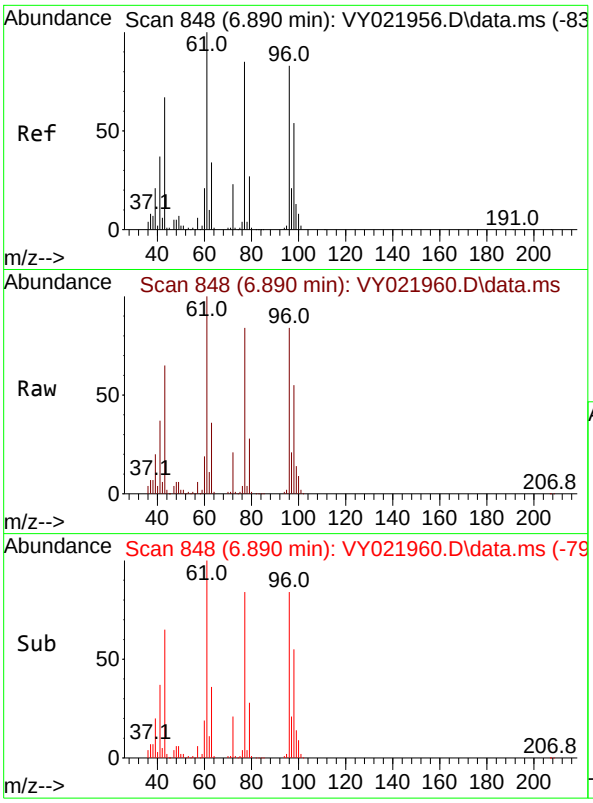


#26
2,2-Dichloropropane
Concen: 46.334 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 77 Resp: 240796

Ion	Ratio	Lower	Upper
77	100		
97	24.3	12.4	37.4

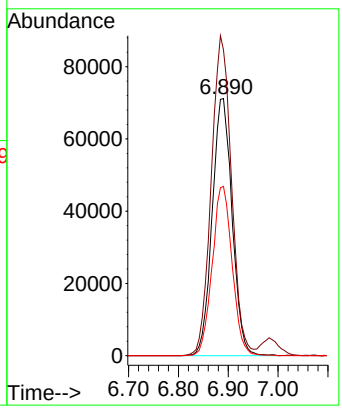




#27
cis-1,2-Dichloroethene
Concen: 47.795 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 96 Resp: 19758

Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	251.4
98	65.8	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
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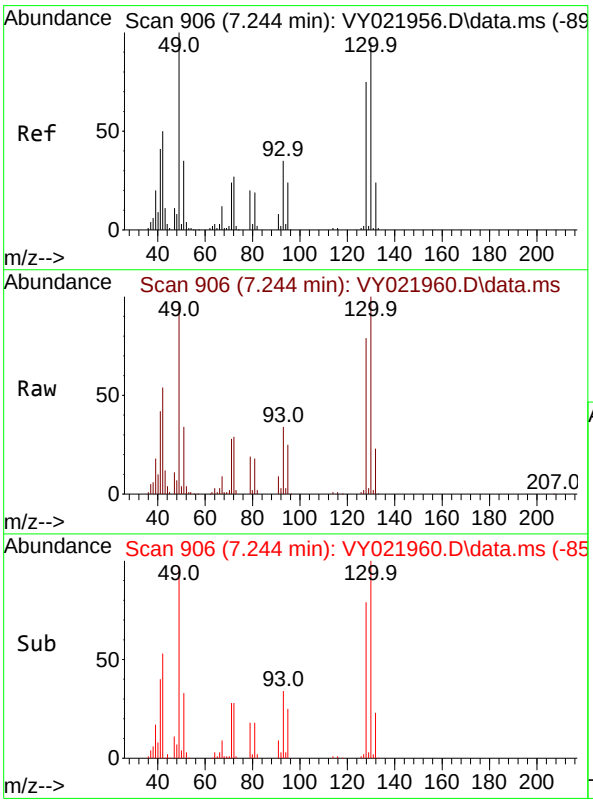
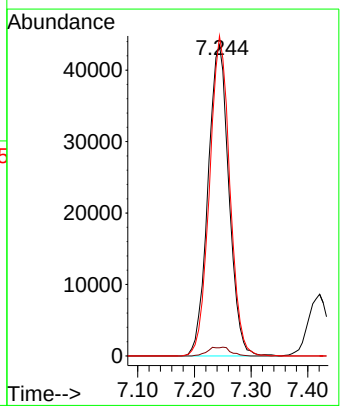
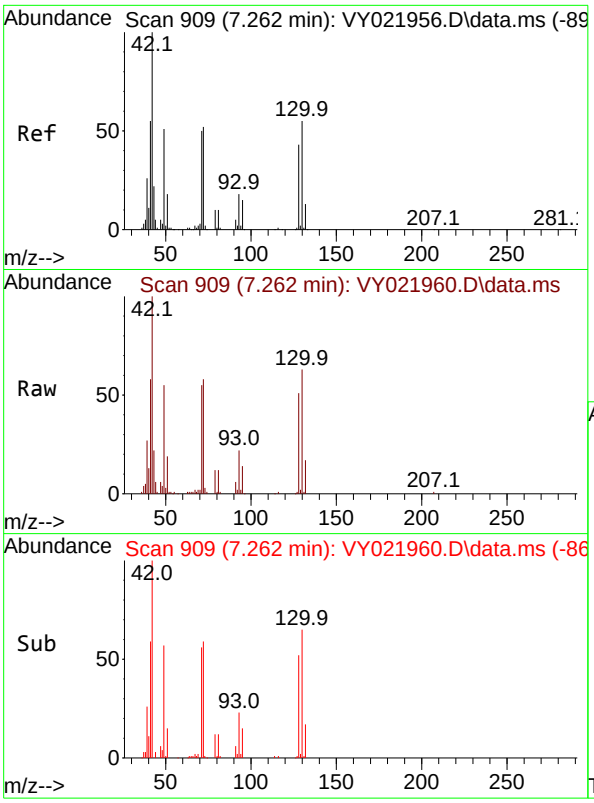


#28
Bromochloromethane
Concen: 48.457 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 49 Resp: 111601

Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.0
130	99.6	78.2	117.4

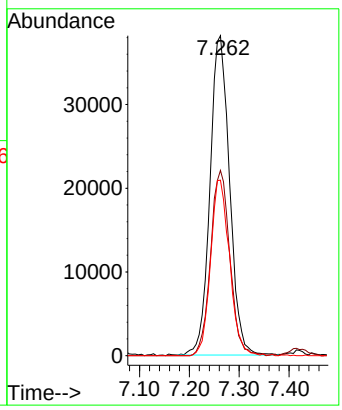




#29
Tetrahydrofuran
Concen: 229.194 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 42 Resp: 10408

Ion	Ratio	Lower	Upper
42	100		
72	57.2	42.6	63.8
71	53.3	40.6	61.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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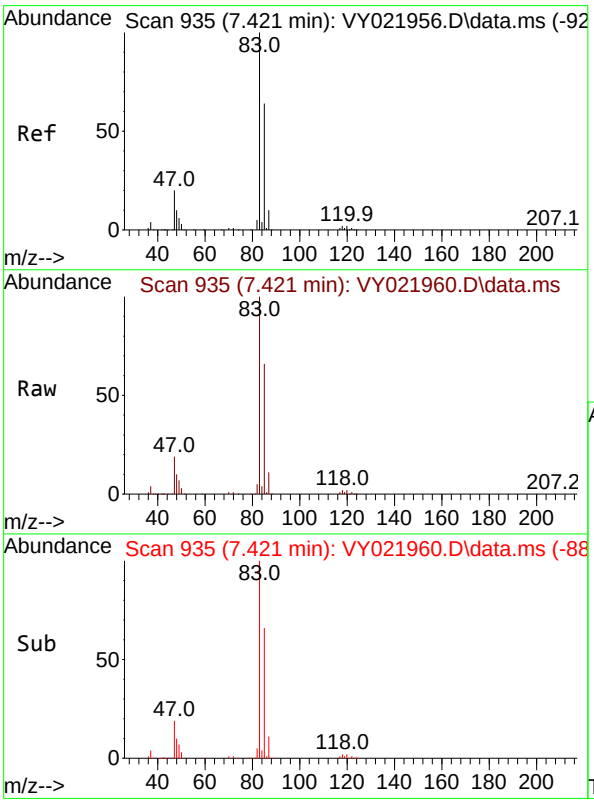
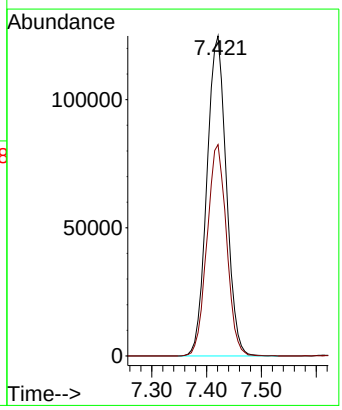
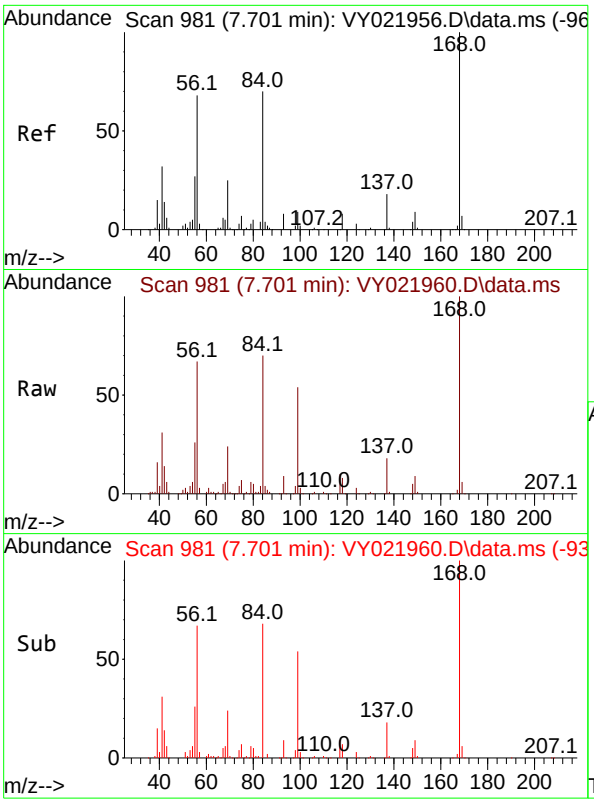


#30
Chloroform
Concen: 46.643 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 83 Resp: 306777

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.3	76.9





#31
Cyclohexane
Concen: 46.548 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 56 Resp: 23602

Ion	Ratio	Lower	Upper
56	100		
69	36.1	29.4	44.2
84	102.8	82.2	123.4

Instrument :
MSVOA_Y
ClientSampleId :
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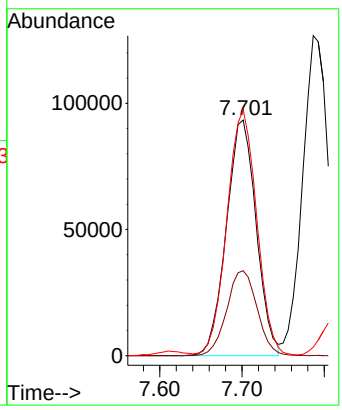
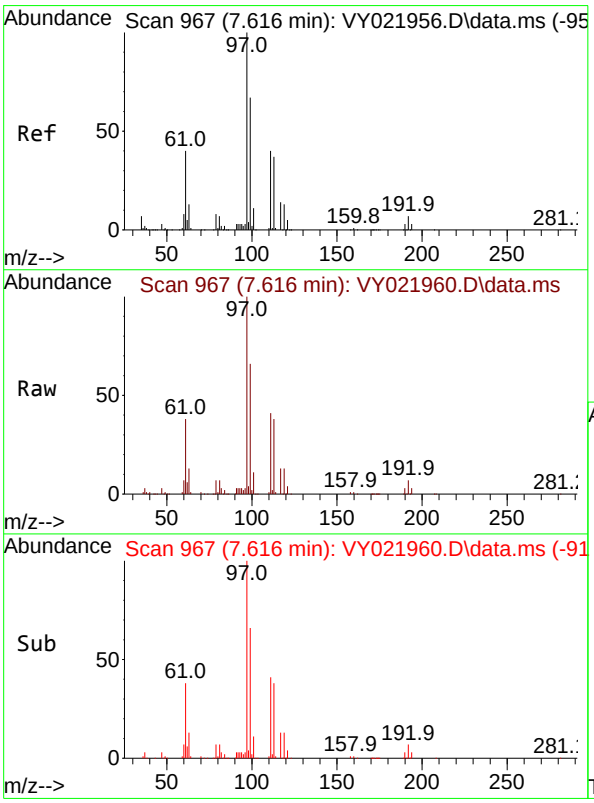
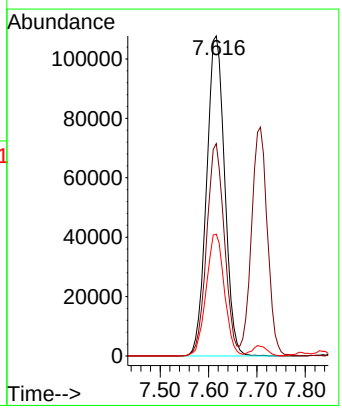


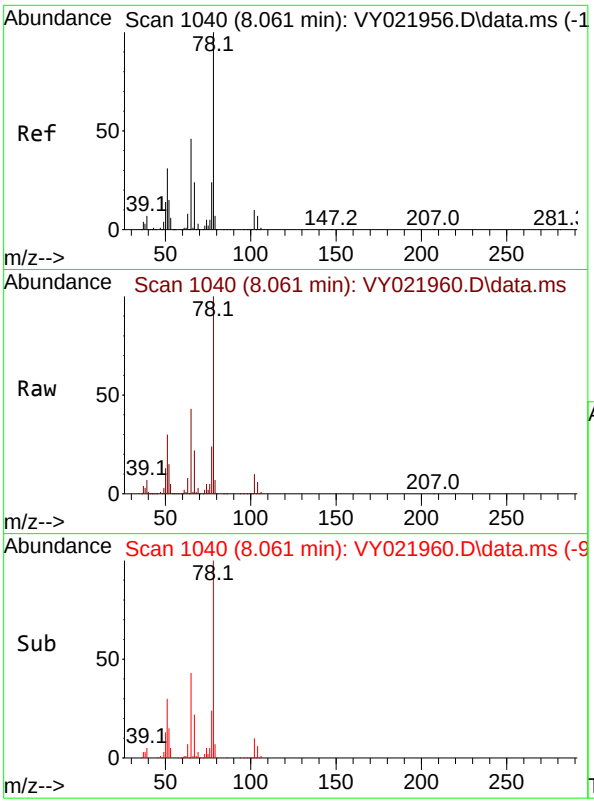


#32
1,1,1-Trichloroethane
Concen: 47.007 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 97 Resp: 279709

Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.2
61	38.5	31.4	47.2

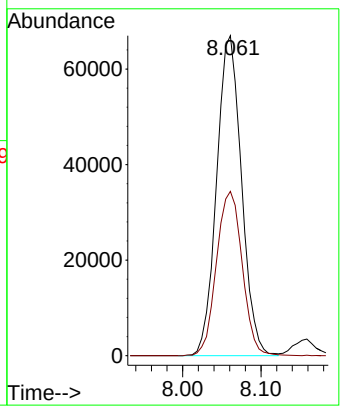




#33
1,2-Dichloroethane-d4
Concen: 48.224 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 65 Resp: 14792

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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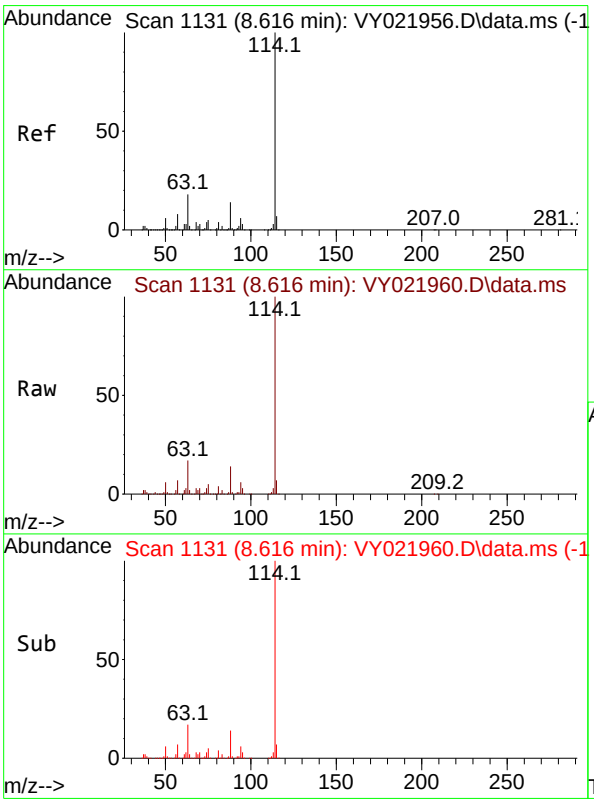
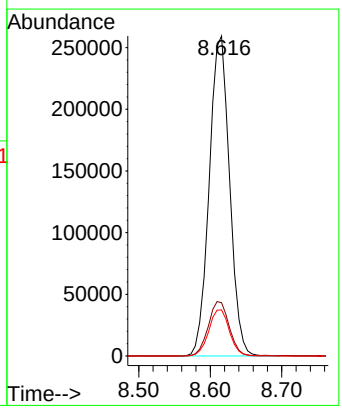
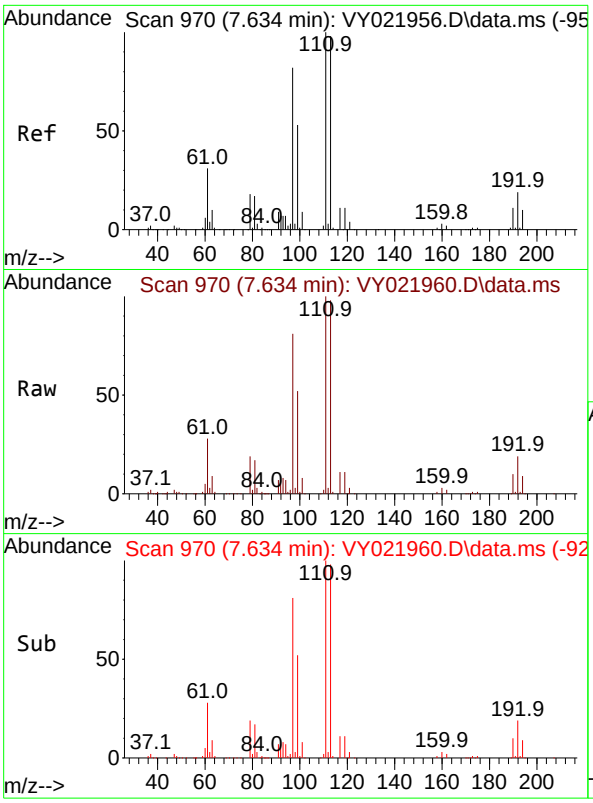


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:114 Resp: 512398

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.4
88	14.4	0.0	28.2

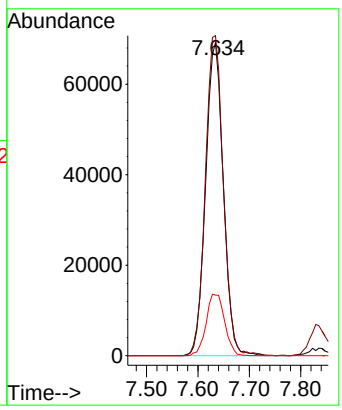




#35
Dibromofluoromethane
Concen: 48.989 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:113 Resp: 16583

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.8	122.8
192	20.5	15.6	23.4



Instrument :
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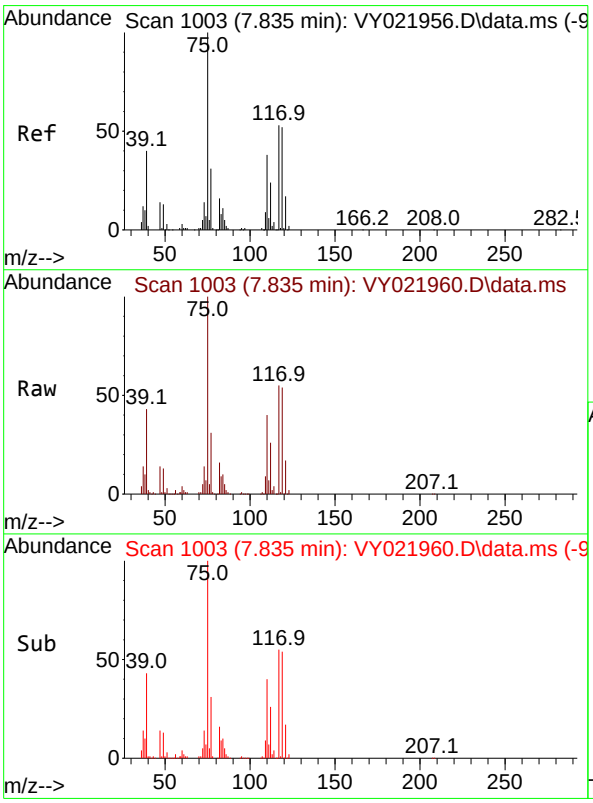
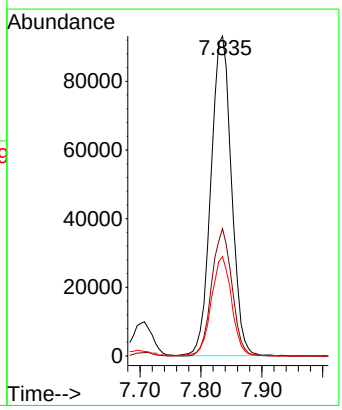
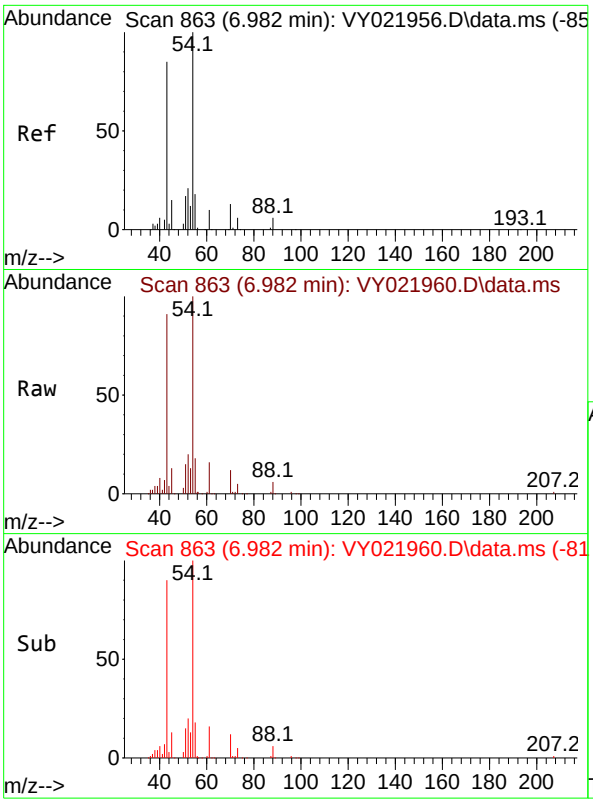


#36
1,1-Dichloropropene
Concen: 47.914 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 217873

Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.1	57.3
77	30.9	25.5	38.3





#37
Ethyl Acetate
Concen: 46.092 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 7527

Ion	Ratio	Lower	Upper
43	100		
61	16.0	13.8	20.6
70	12.2	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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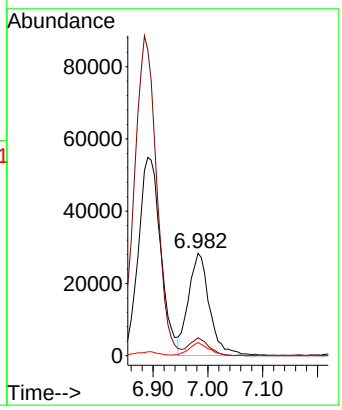
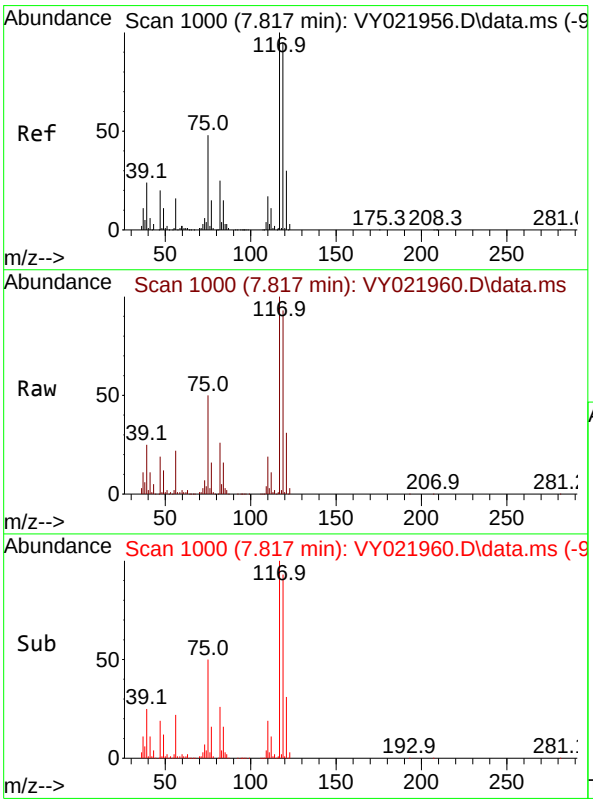
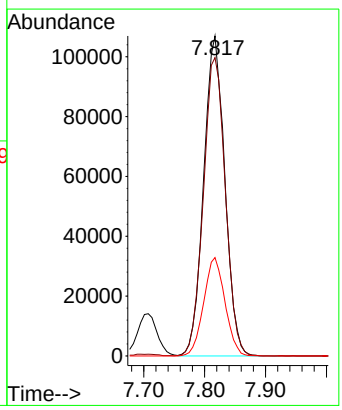


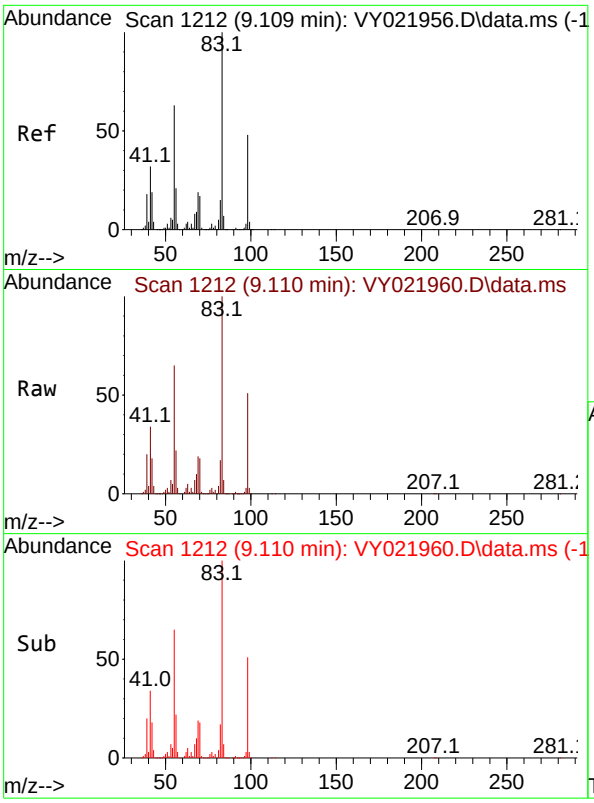


#38
Carbon Tetrachloride
Concen: 47.630 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:117 Resp: 258803

Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.2	114.4
121	30.8	24.0	36.0

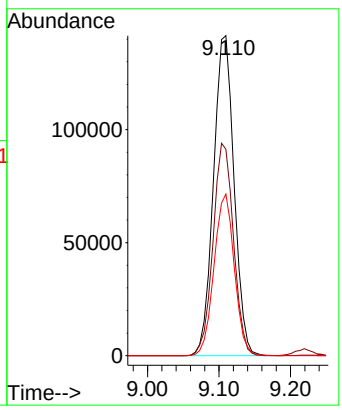




#39
Methylcyclohexane
Concen: 49.486 ug/l
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 83 Resp: 28317

Ion	Ratio	Lower	Upper
83	100		
55	64.5	50.6	75.8
98	50.5	38.6	58.0



Instrument :
MSVOA_Y
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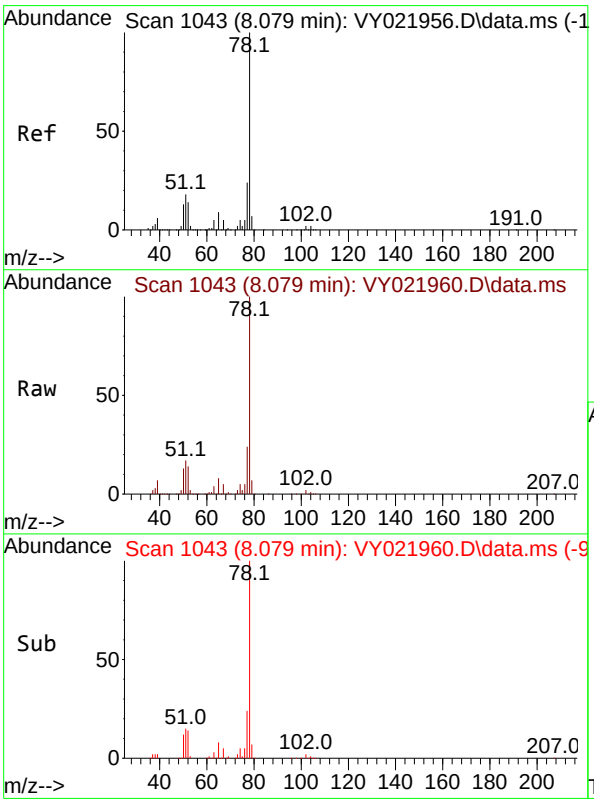
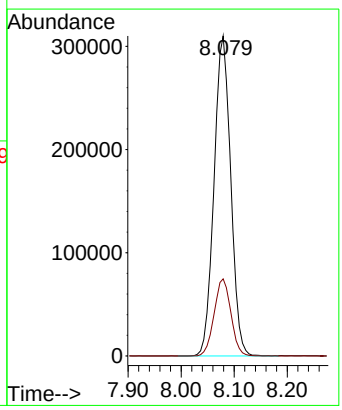
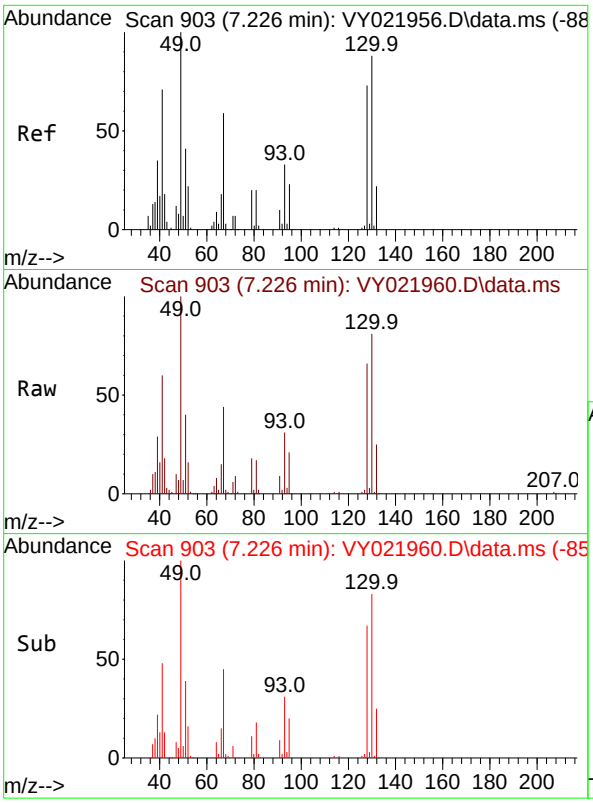


#40
Benzene
Concen: 47.692 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 78 Resp: 677917

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

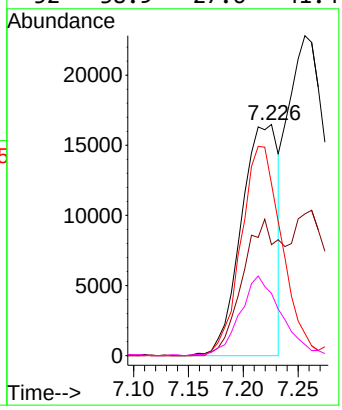




#41
Methacrylonitrile
Concen: 43.342 ug/l
RT: 7.226 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 41 Resp: 3869

Ion	Ratio	Lower	Upper
41	100		
39	62.5	36.6	55.0
67	100.7	72.2	108.4
52	38.9	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
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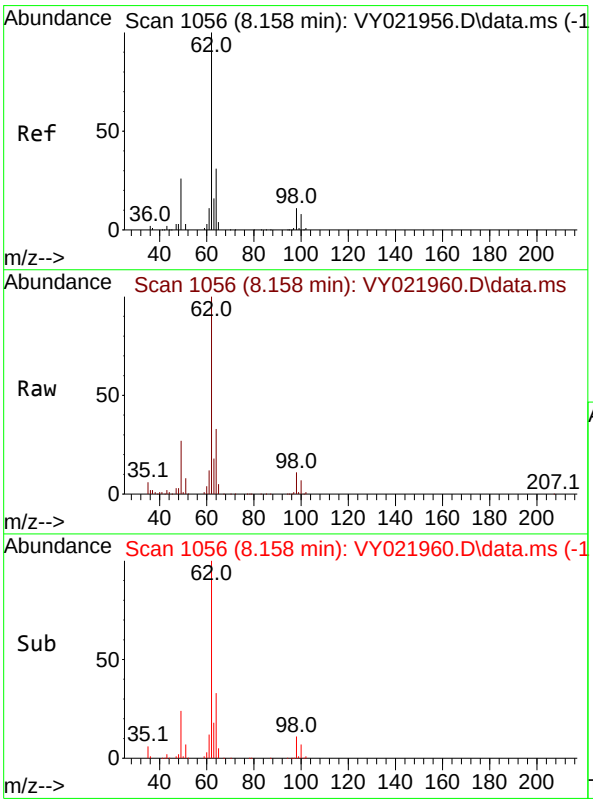
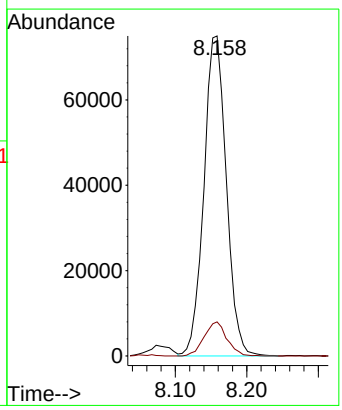
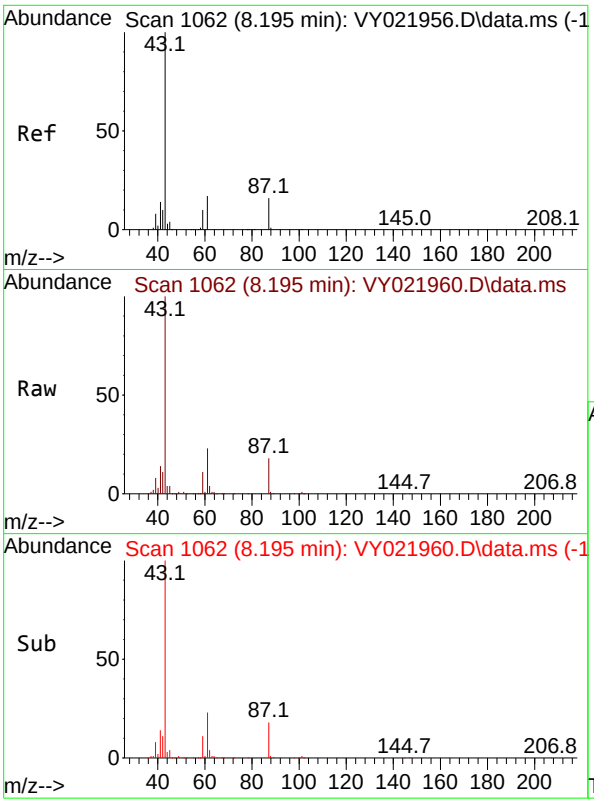


#42
1,2-Dichloroethane
Concen: 46.472 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 62 Resp: 163549

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0





#43
Isopropyl Acetate
Concen: 46.545 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 14598

Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.9	28.3
87	18.2	13.7	20.5

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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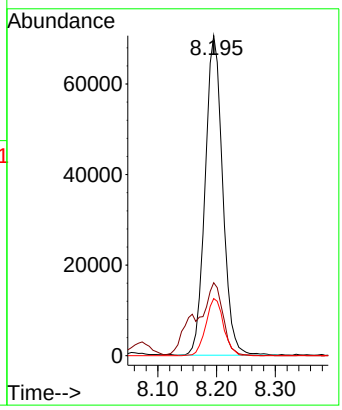
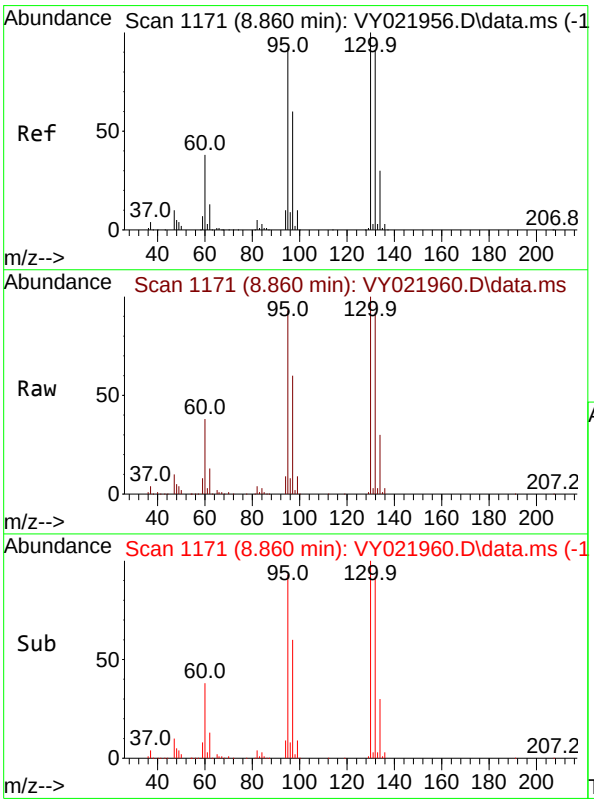
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

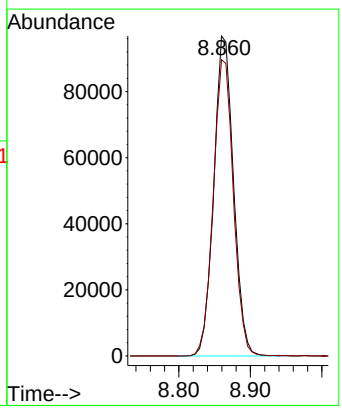


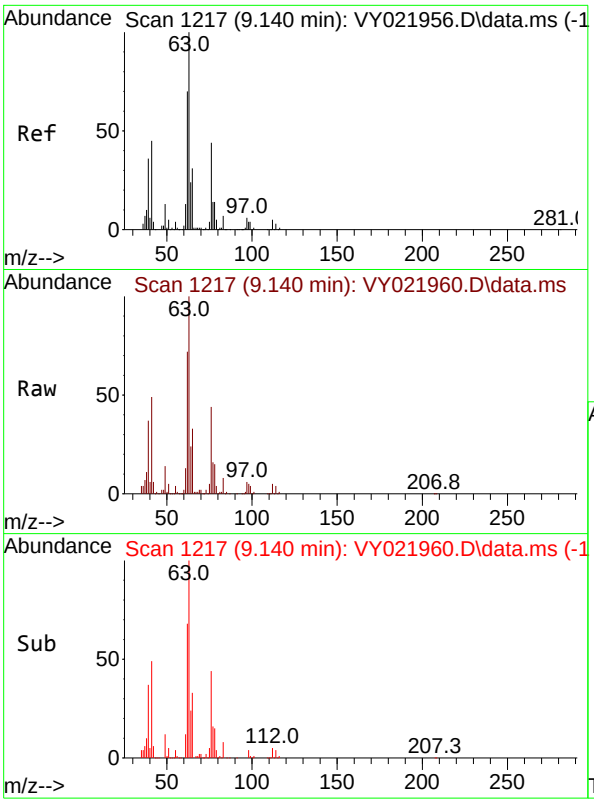


#44
Trichloroethene
Concen: 47.027 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:130 Resp: 185153

Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	183.2

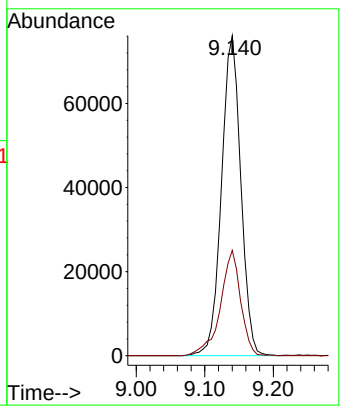




#45
1,2-Dichloropropane
Concen: 47.326 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 63 Resp: 14876

Ion	Ratio	Lower	Upper
63	100		
65	32.9	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
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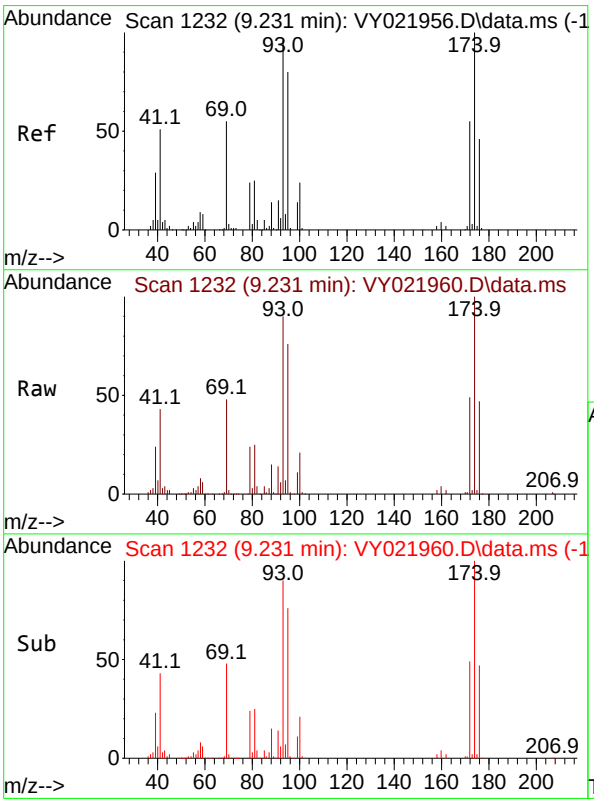
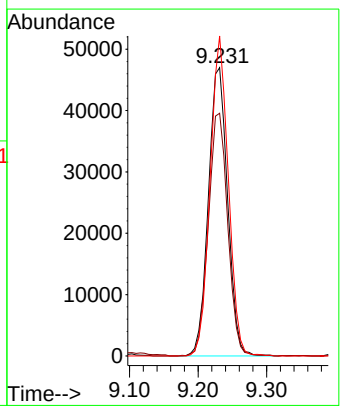
Supervised By :Mahesh Dadoda 04/23/2025

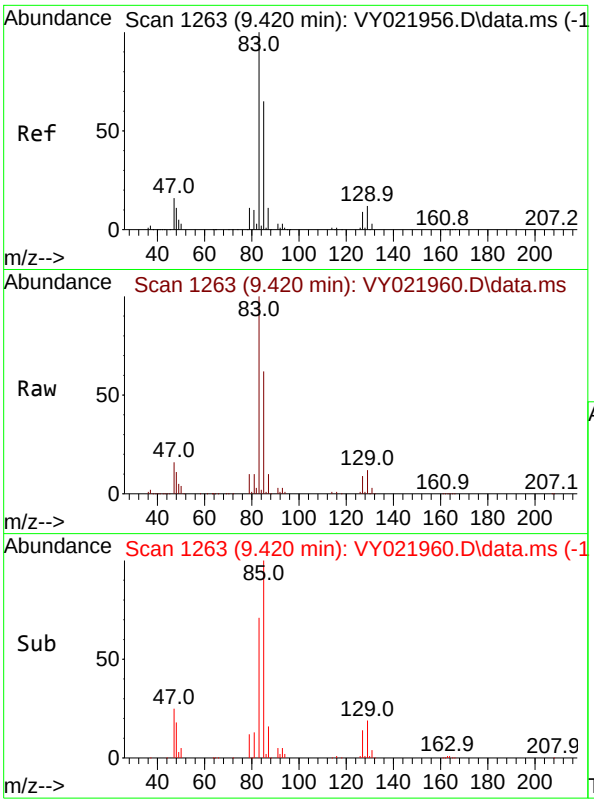


#46
Dibromomethane
Concen: 46.578 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 93 Resp: 91655

Ion	Ratio	Lower	Upper
93	100		
95	84.8	66.7	100.1
174	105.0	84.6	127.0

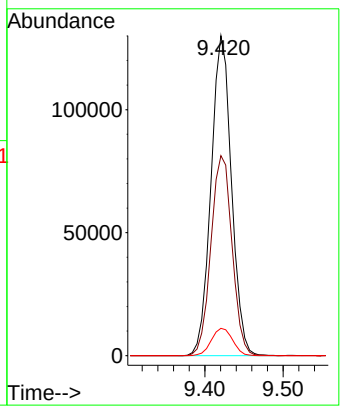




#47
Bromodichloromethane
Concen: 47.955 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 83 Resp: 23573

Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.8	77.8
127	8.5	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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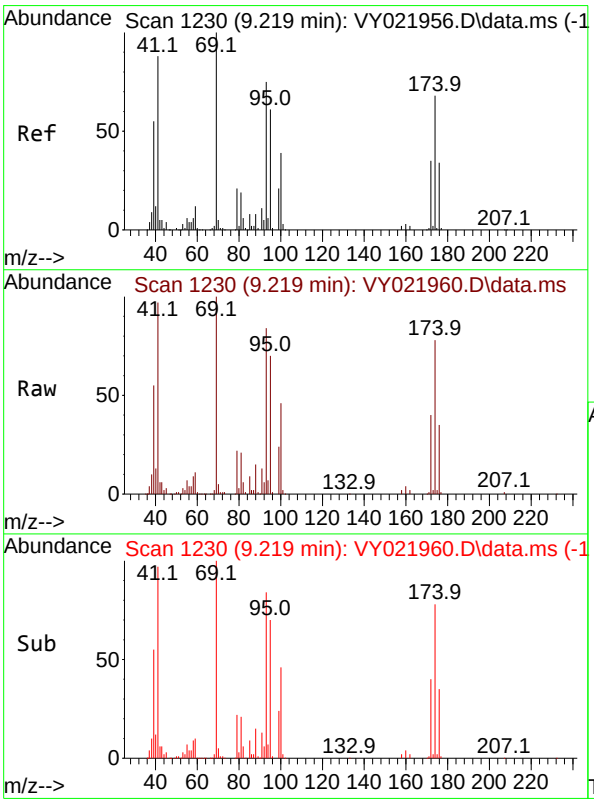
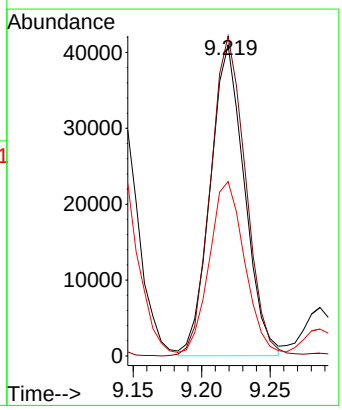
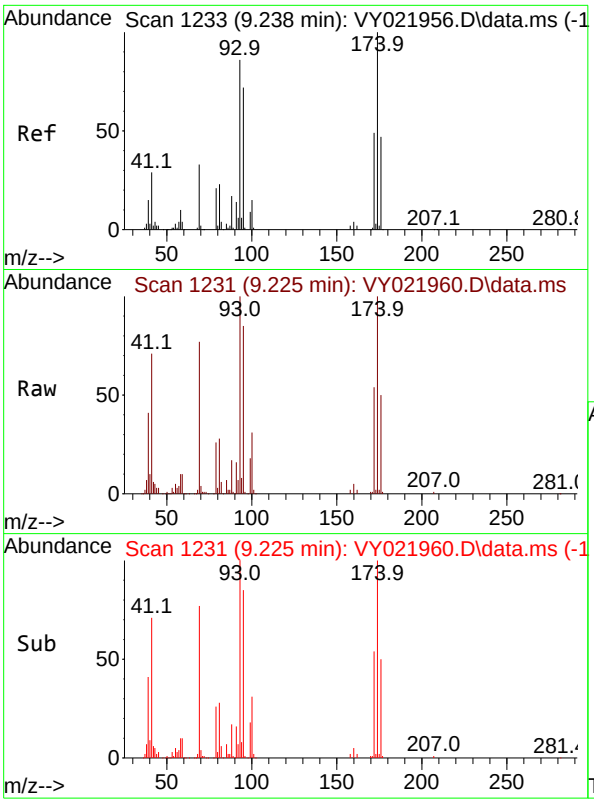


#48
Methyl methacrylate
Concen: 49.090 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 41 Resp: 71174

Ion	Ratio	Lower	Upper
41	100		
69	105.2	85.5	128.3
39	55.9	46.2	69.4

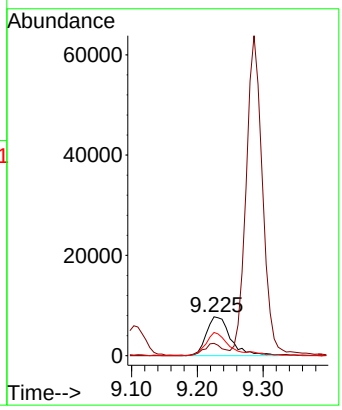




#49
1,4-Dioxane
Concen: 951.409 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 88 Resp: 1995

Ion	Ratio	Lower	Upper
88	100		
43	25.4	21.3	31.9
58	53.4	50.5	75.7



Instrument :
MSVOA_Y
ClientSampleId :
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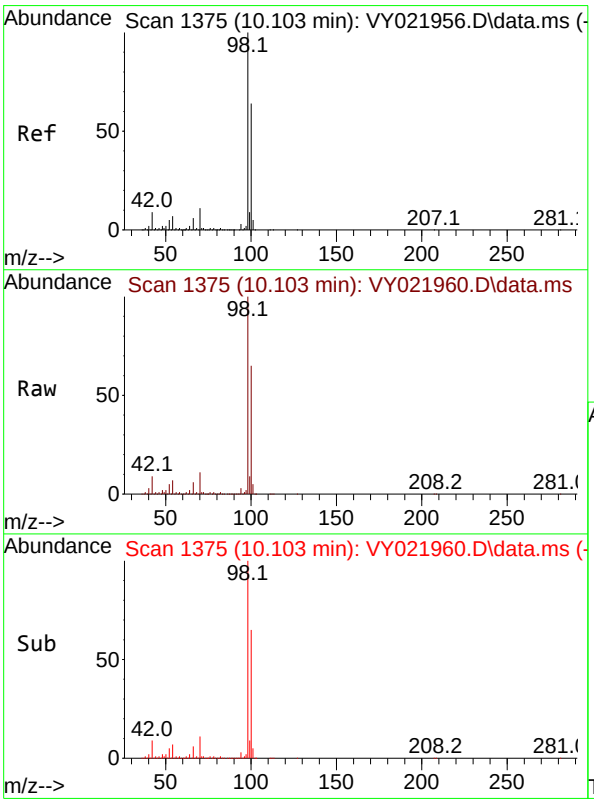
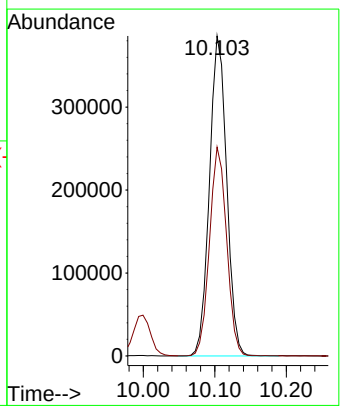
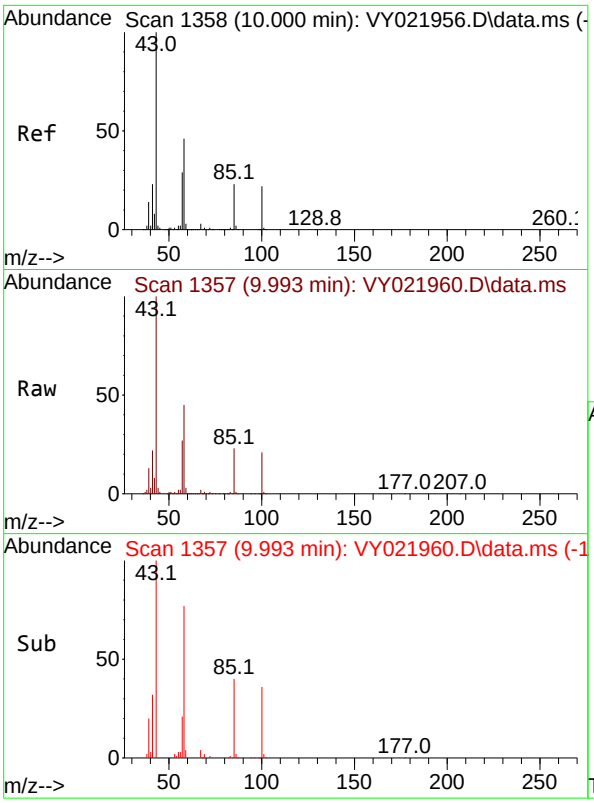


#50
Toluene-d8
Concen: 50.539 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 98 Resp: 644989

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4

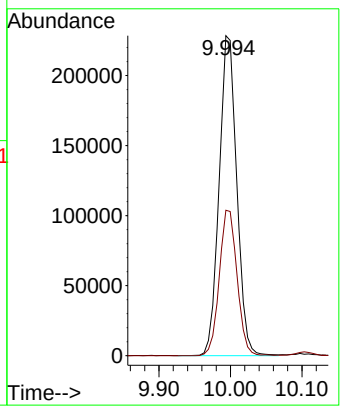




#51
4-Methyl-2-Pentanone
Concen: 237.972 ug/l
RT: 9.993 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 39124

Ion	Ratio	Lower	Upper
43	100		
58	45.8	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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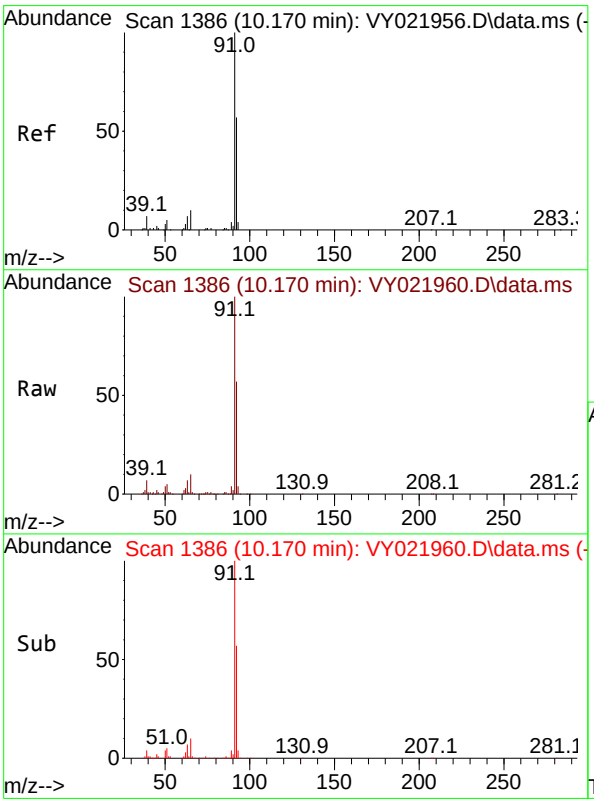
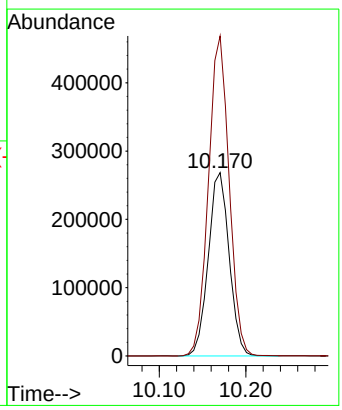
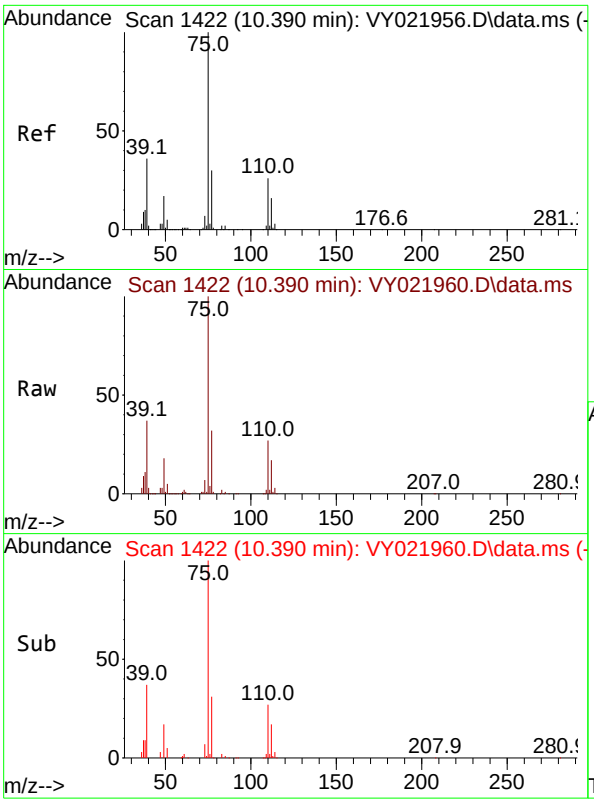


#52
Toluene
Concen: 48.774 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 92 Resp: 448774

Ion	Ratio	Lower	Upper
92	100		
91	173.1	138.6	207.8

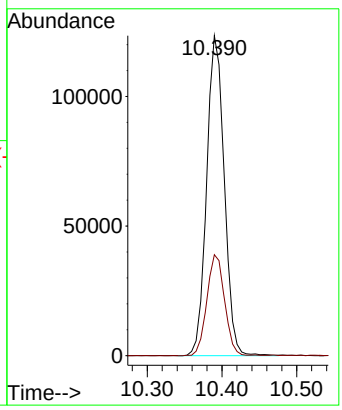




#53
t-1,3-Dichloropropene
Concen: 47.893 ug/l
RT: 10.390 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 20193

Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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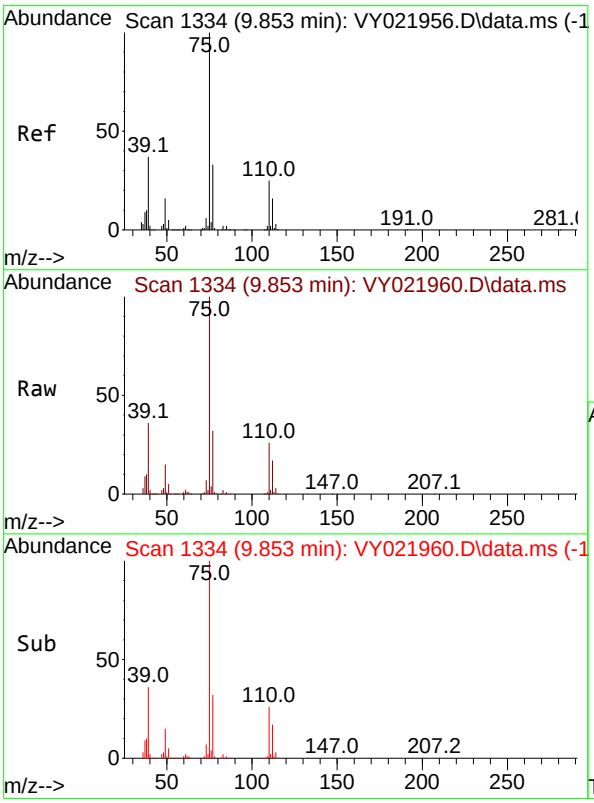
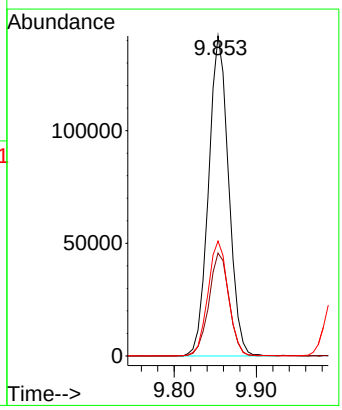
Supervised By :Mahesh Dadoda 04/23/2025

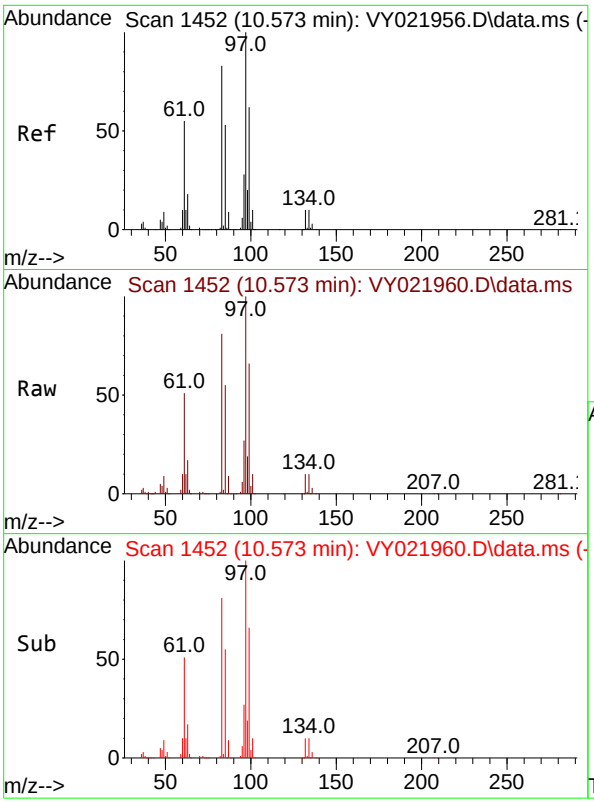


#54
cis-1,3-Dichloropropene
Concen: 48.122 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 241197

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.6	40.0
39	35.9	29.6	44.4

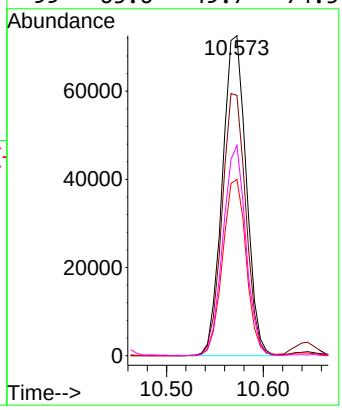




#55
1,1,2-Trichloroethane
Concen: 47.403 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 97 Resp: 12459

Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.7	100.1
85	55.1	42.6	64.0
99	65.6	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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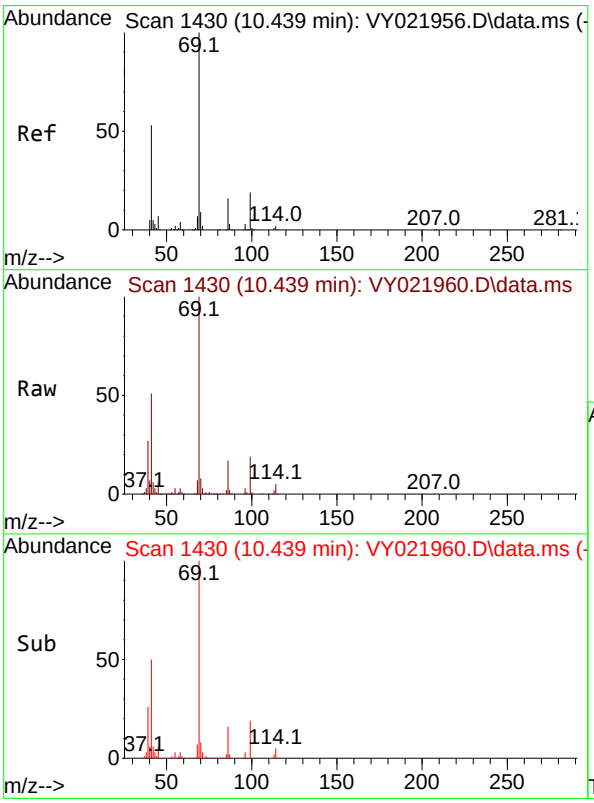
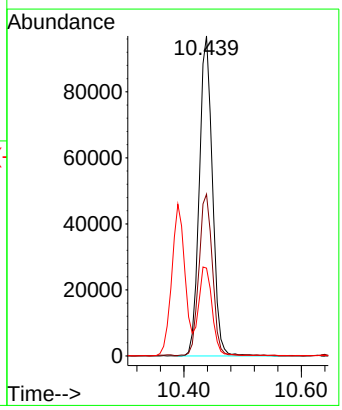
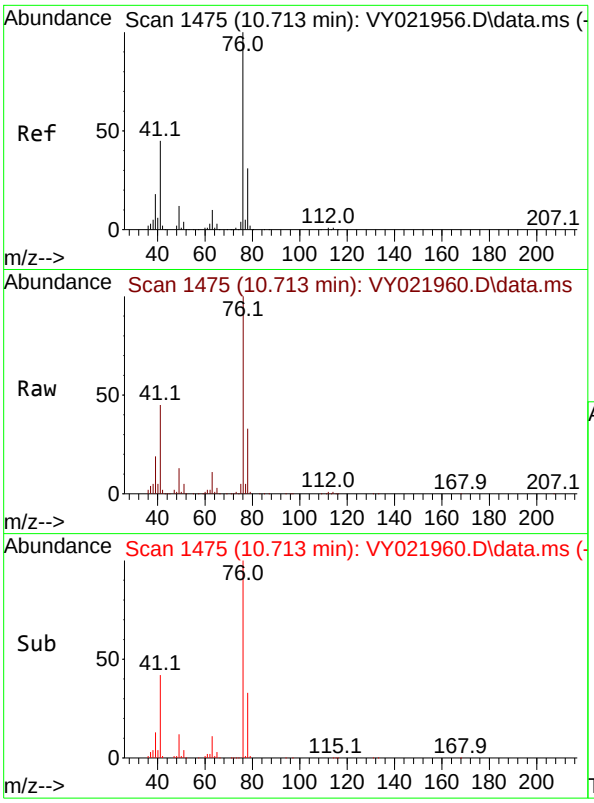


#56
Ethyl methacrylate
Concen: 50.188 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 69 Resp: 150855

Ion	Ratio	Lower	Upper
69	100		
41	51.3	40.7	61.1
39	28.3	23.3	34.9

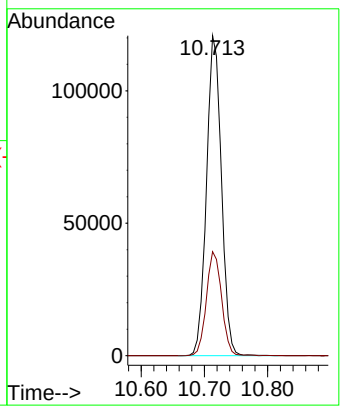




#57
1,3-Dichloropropane
Concen: 47.024 ug/l
RT: 10.713 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 76 Resp: 19814

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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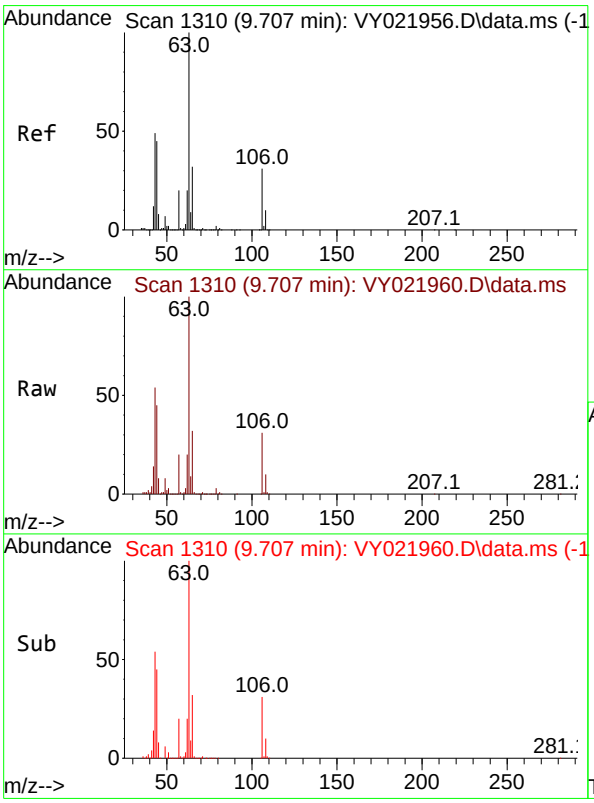
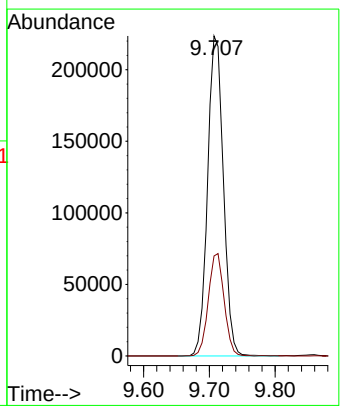
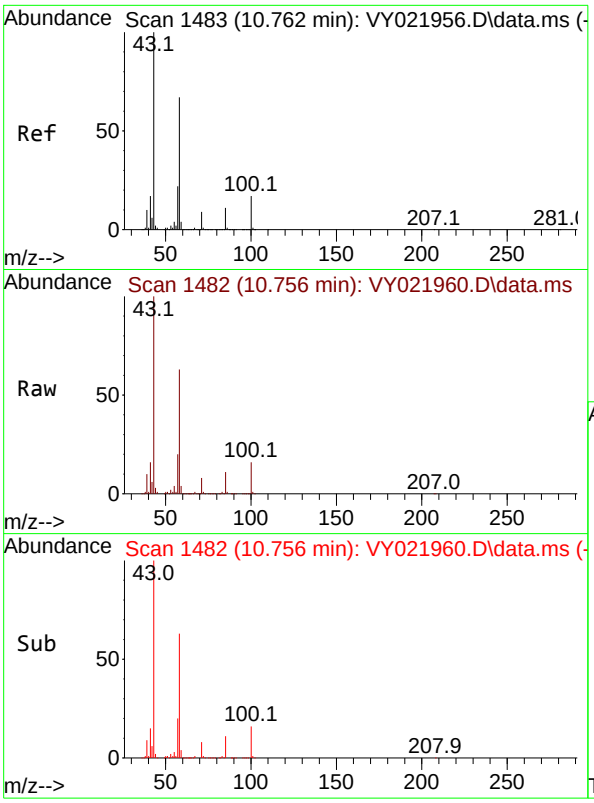


#58
2-Chloroethyl Vinyl ether
Concen: 253.928 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 63 Resp: 373183

Ion	Ratio	Lower	Upper
63	100		
106	32.0	25.3	37.9

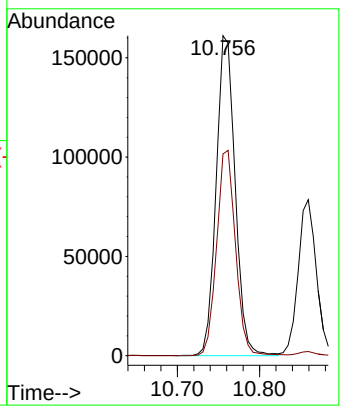




#59
2-Hexanone
Concen: 238.340 ug/l
RT: 10.756 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 25845

Ion	Ratio	Lower	Upper
43	100		
58	63.9	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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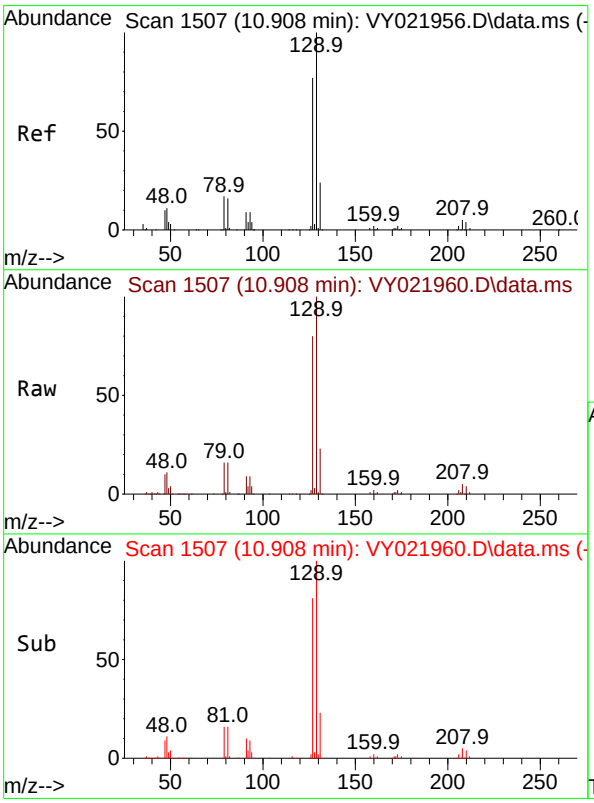
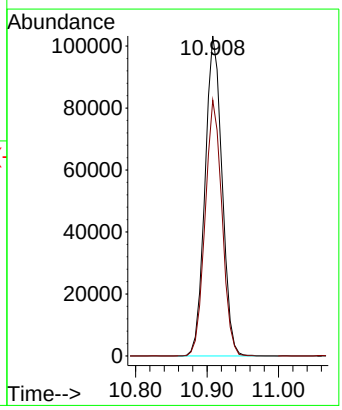
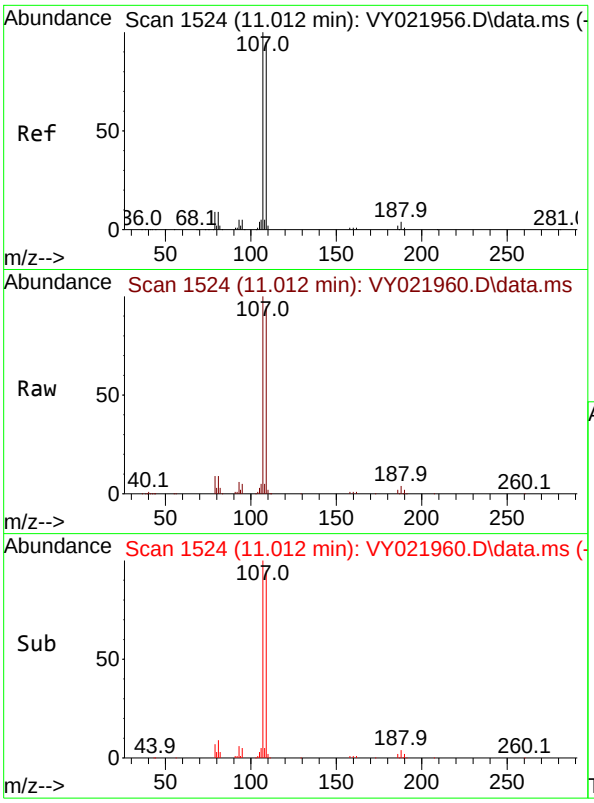


#60
Dibromochloromethane
Concen: 46.882 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:129 Resp: 170608

Ion	Ratio	Lower	Upper
129	100		
127	79.2	38.5	115.3

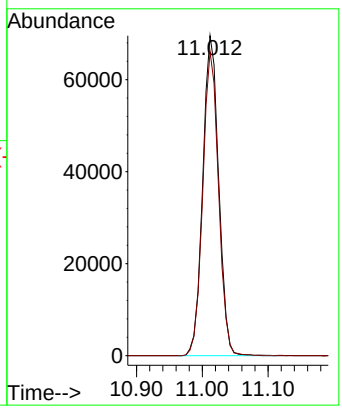




#61
1,2-Dibromoethane
Concen: 47.188 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:107 Resp: 11709

Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.8	113.8



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations
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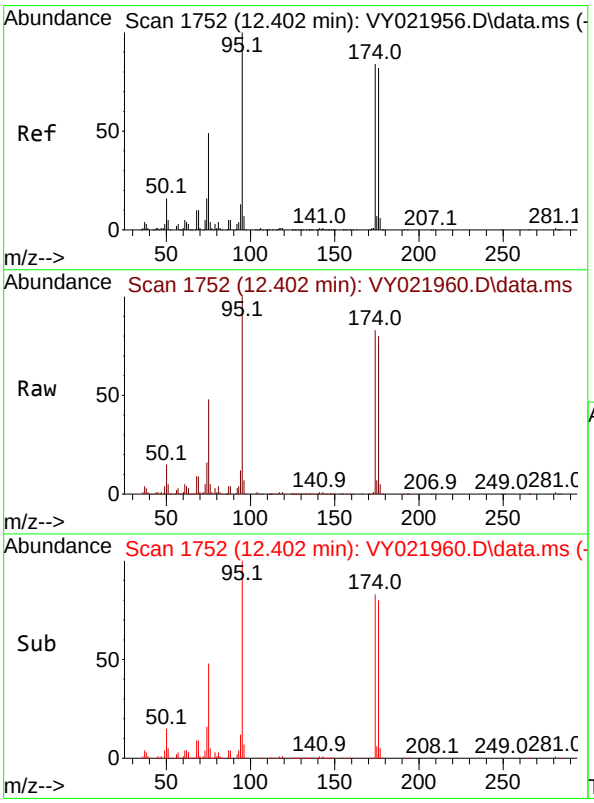
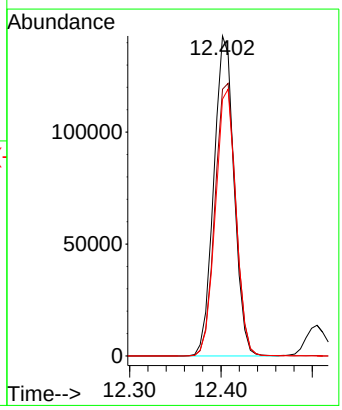
Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

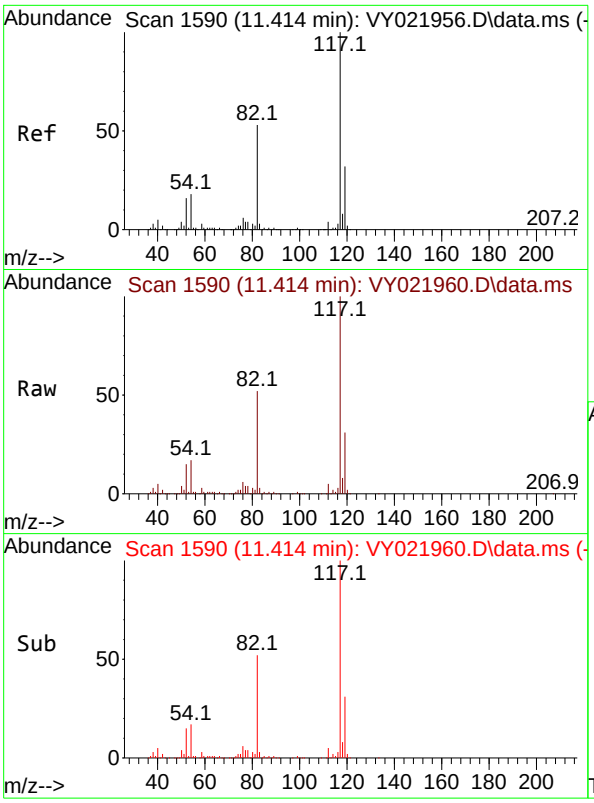


#62
4-Bromofluorobenzene
Concen: 51.198 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 95 Resp: 219958

Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	179.0
176	84.4	0.0	171.8

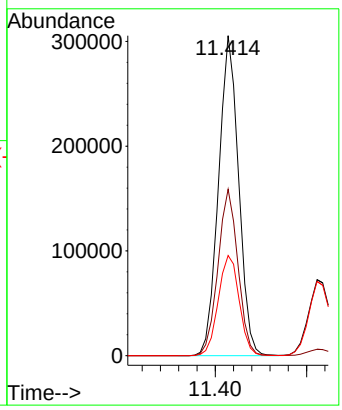




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:117 Resp: 46709

Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.1	63.1
119	31.3	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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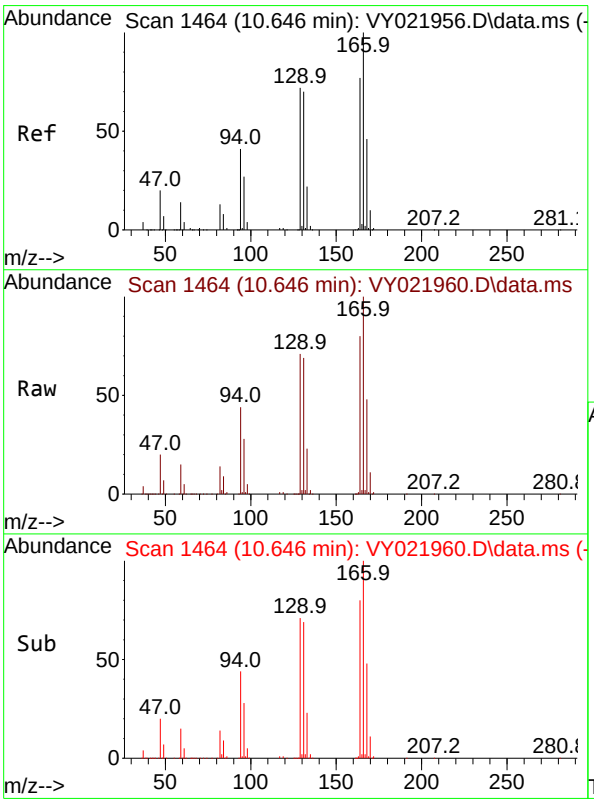
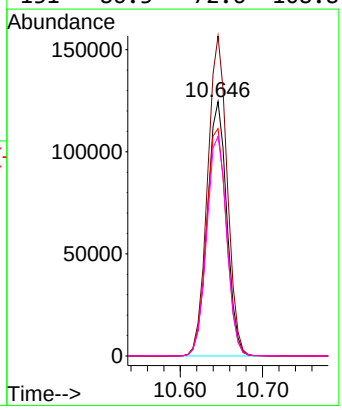
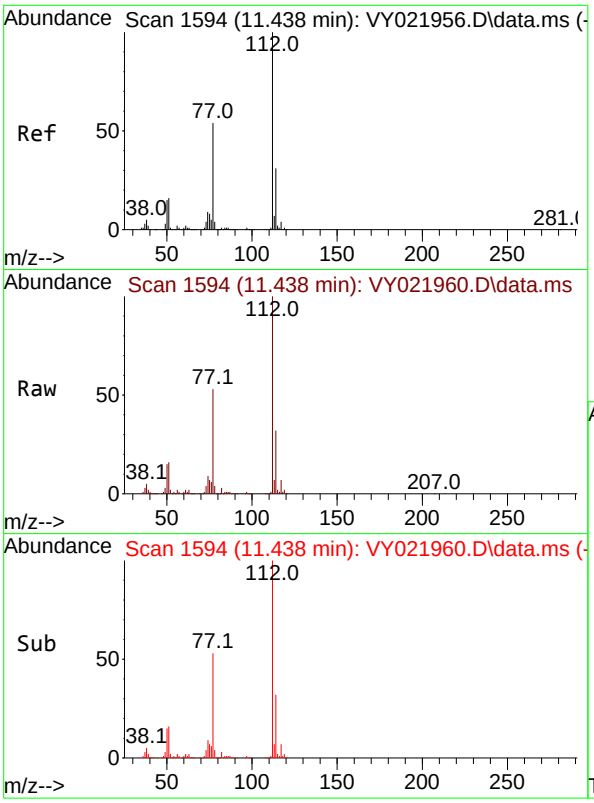


#64
Tetrachloroethene
Concen: 46.550 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:164 Resp: 205118

Ion	Ratio	Lower	Upper
164	100		
166	125.8	103.6	155.4
129	89.4	74.2	111.4
131	86.3	72.6	108.8

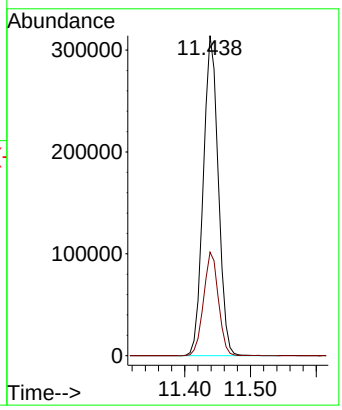




#65
Chlorobenzene
Concen: 47.734 ug/l
RT: 11.438 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:112 Resp: 49860

Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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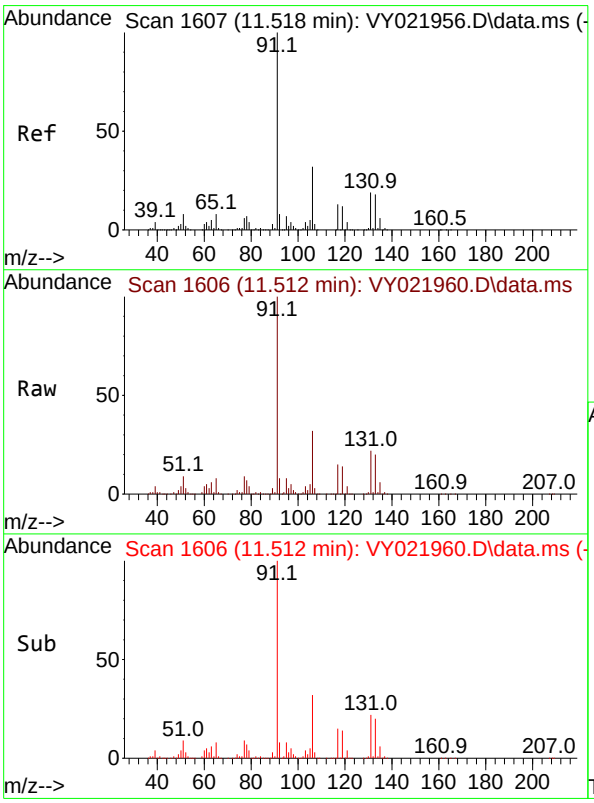
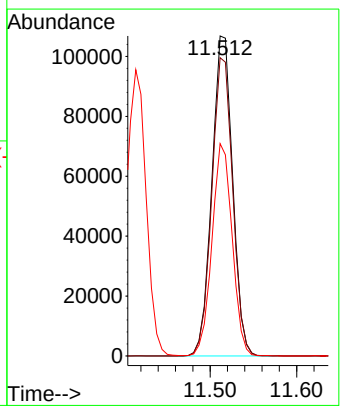
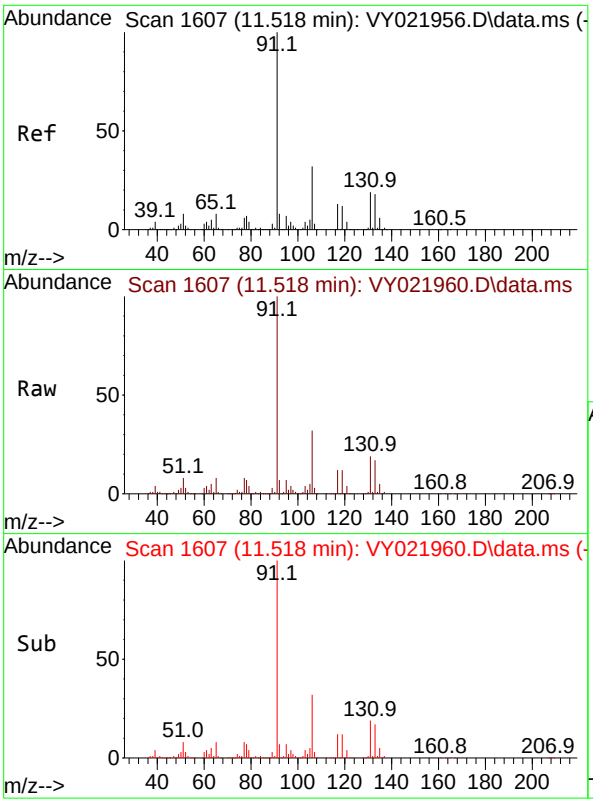


#66
1,1,1,2-Tetrachloroethane
Concen: 48.308 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:131 Resp: 177647

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.8	143.3
119	64.7	32.4	97.0

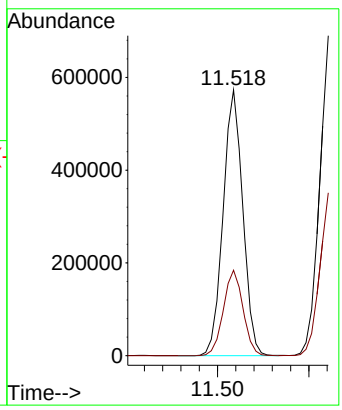




#67
Ethyl Benzene
Concen: 50.142 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 91 Resp: 85677

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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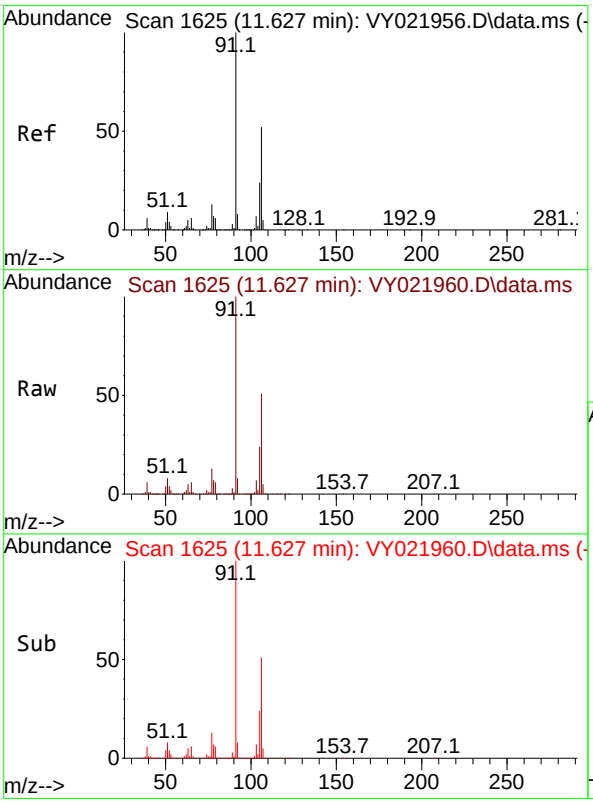
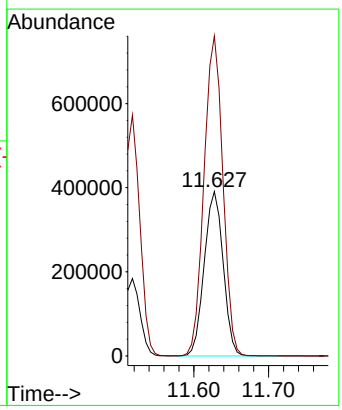
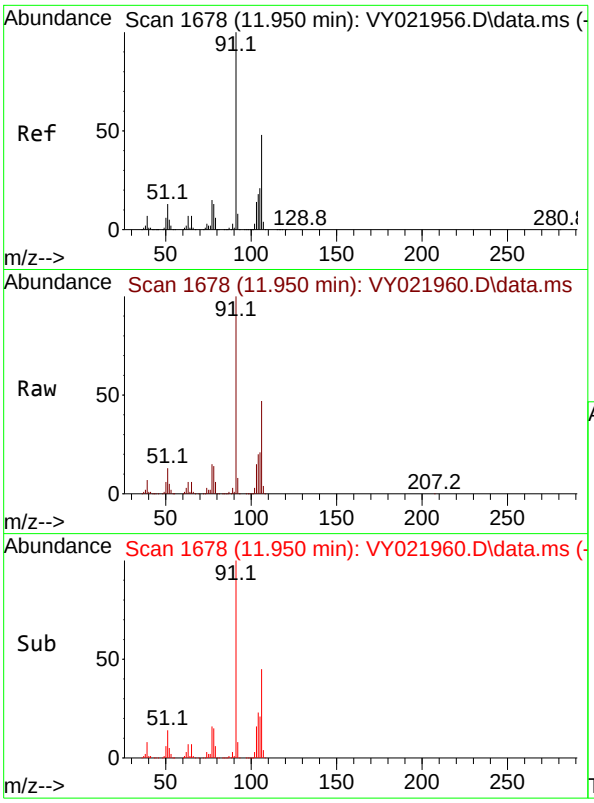


#68
m/p-Xylenes
Concen: 101.181 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:106 Resp: 687961

Ion	Ratio	Lower	Upper
106	100		
91	193.7	156.2	234.2





#69
o-Xylene
Concen: 50.949 ug/l
RT: 11.950 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:106 Resp: 31929

Ion	Ratio	Lower	Upper
106	100		
91	206.7	103.0	308.9

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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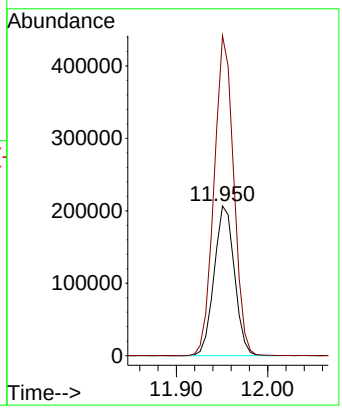
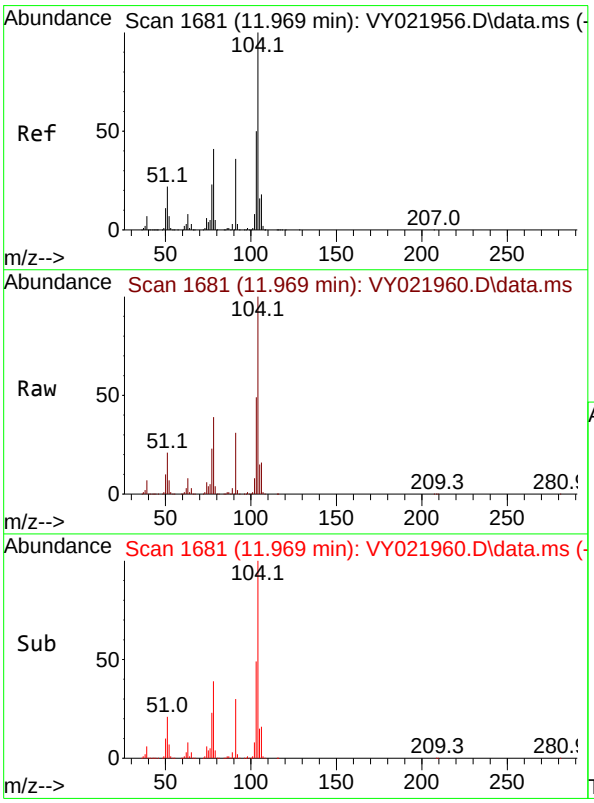
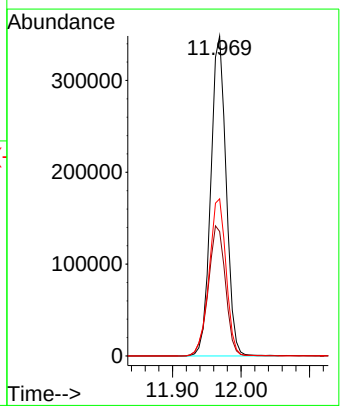


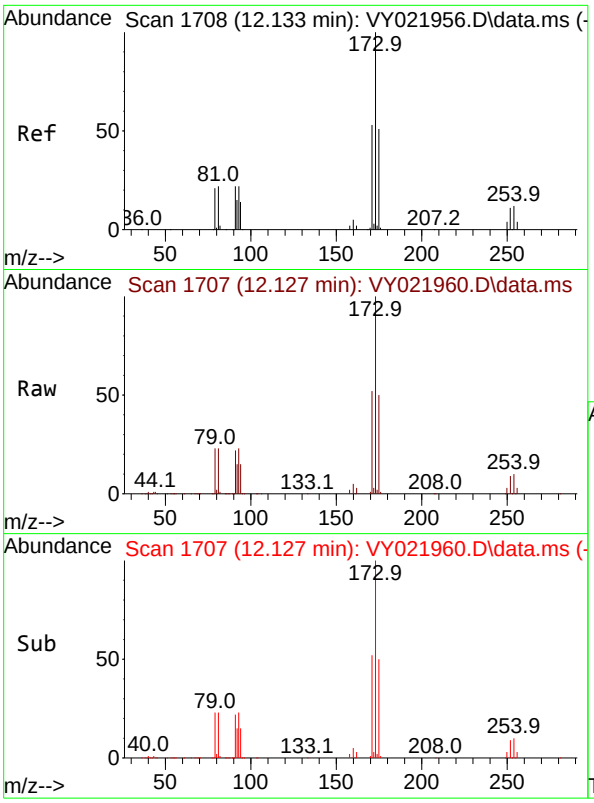


#70
Styrene
Concen: 51.513 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:104 Resp: 542034

Ion	Ratio	Lower	Upper
104	100		
78	45.5	36.6	54.8
103	54.4	43.8	65.8

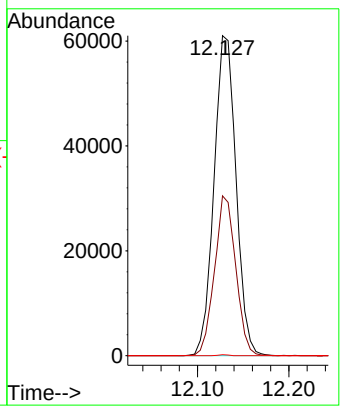




#71
Bromoform
Concen: 47.821 ug/l
RT: 12.127 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:173 Resp: 10224

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.1	0.0	0.0#



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations
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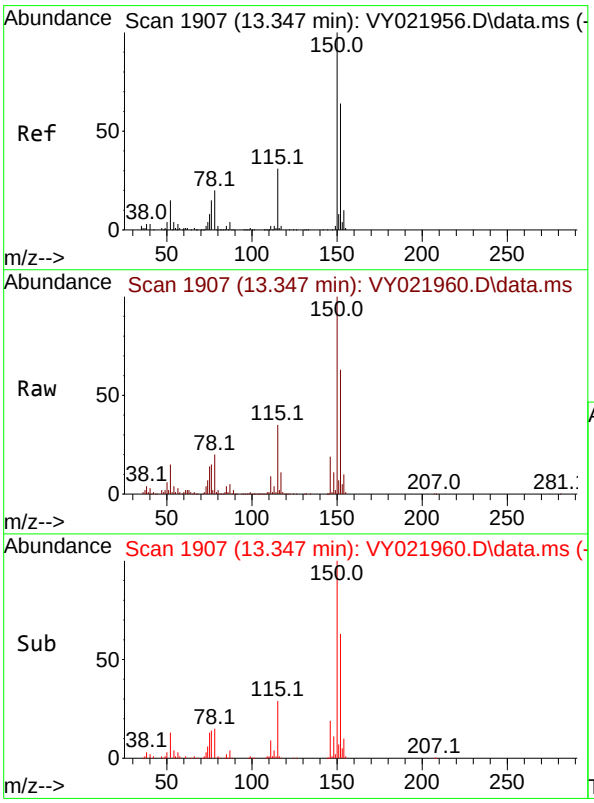
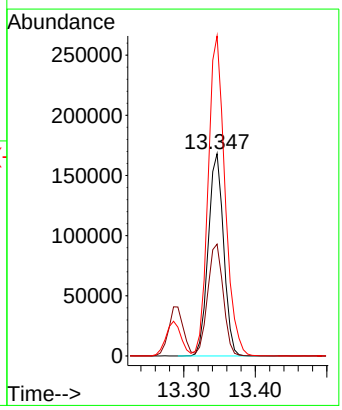
Supervised By :Mahesh Dadoda 04/23/2025

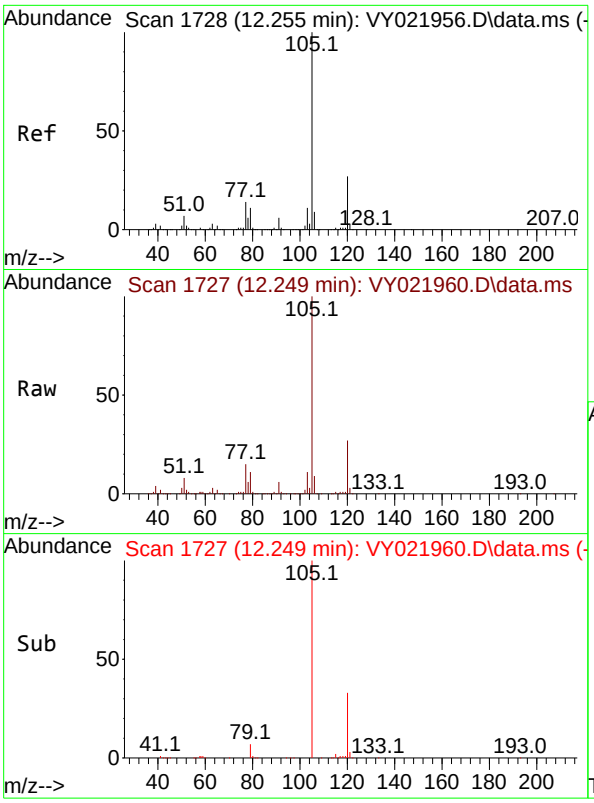


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:152 Resp: 250602

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	173.6	0.0	345.6

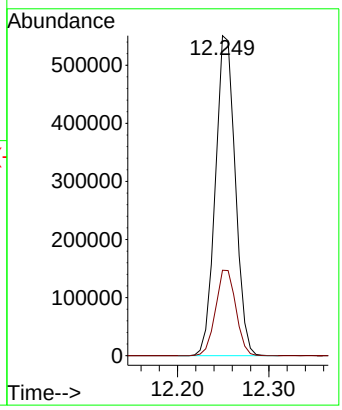




#73
Isopropylbenzene
Concen: 49.765 ug/l
RT: 12.249 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:105 Resp: 83321

Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
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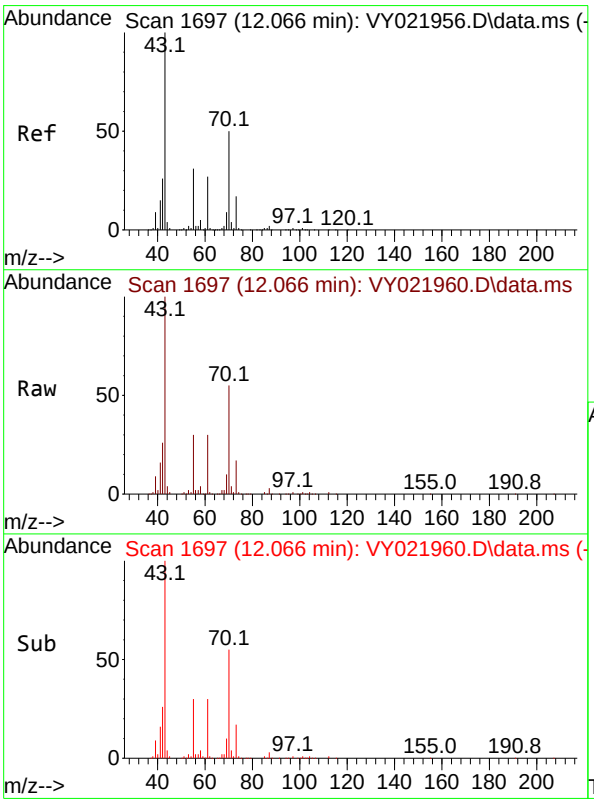
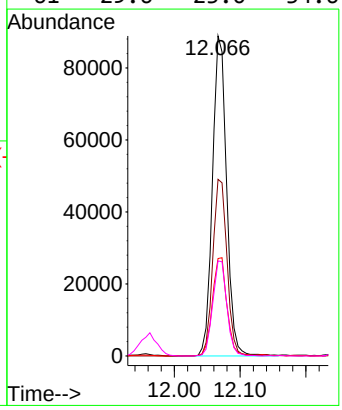
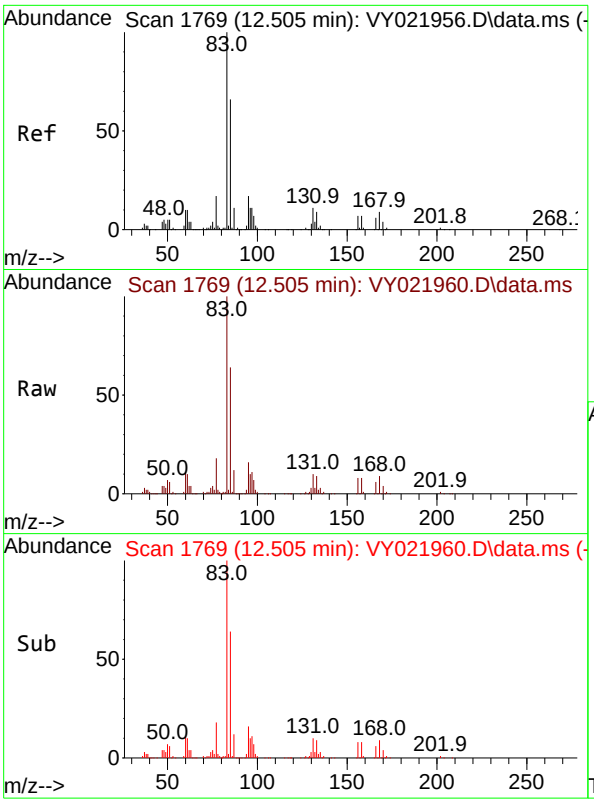


#74
N-amyl acetate
Concen: 46.264 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 43 Resp: 133081

Ion	Ratio	Lower	Upper
43	100		
70	55.2	43.2	64.8
55	31.6	25.7	38.5
61	29.6	23.0	34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 46.078 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 83 Resp: 13007

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.5	16.4
85	64.4	32.3	96.8

Instrument :
MSVOA_Y
ClientSampleId :
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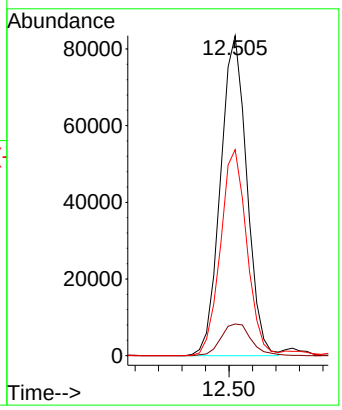
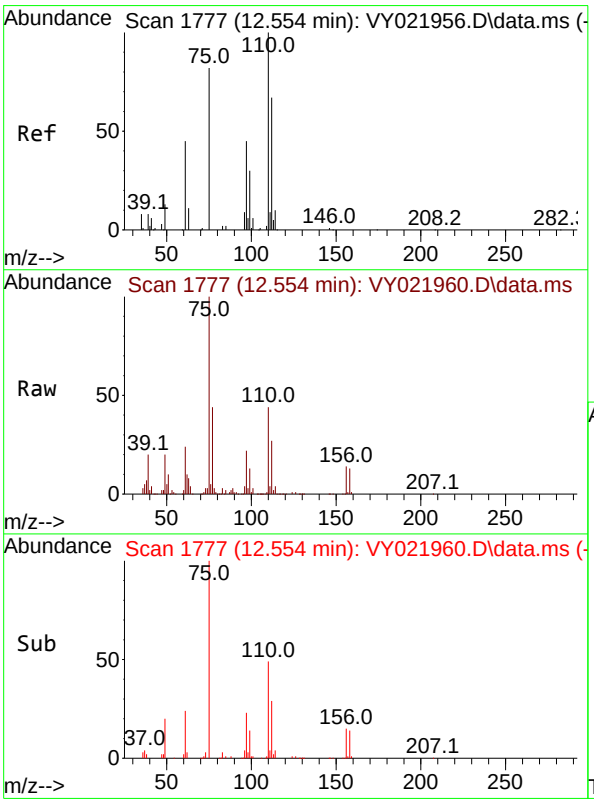
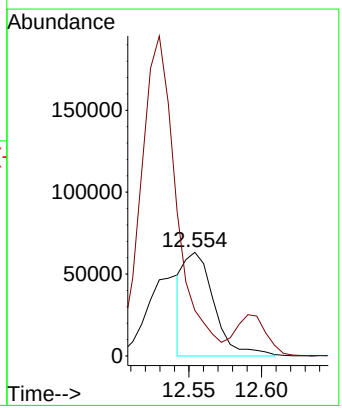


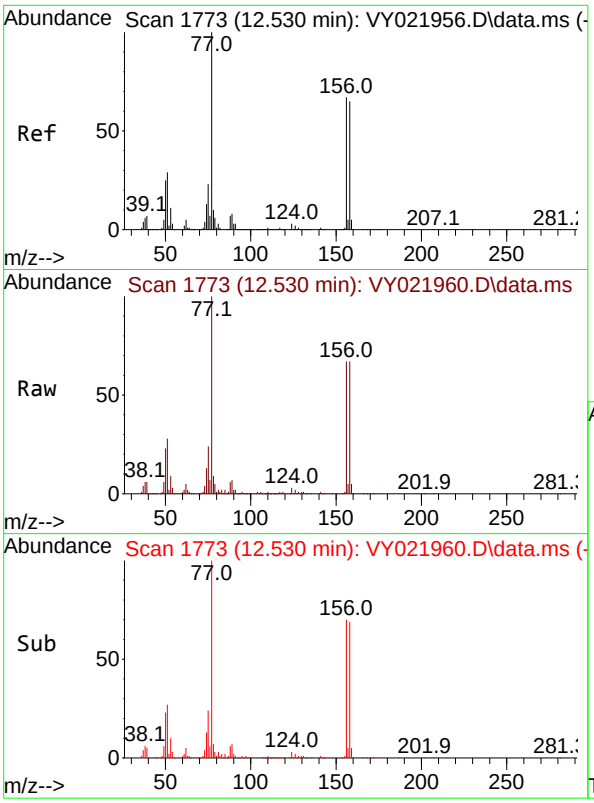


#76
1,2,3-Trichloropropane
Concen: 43.169 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 92664

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

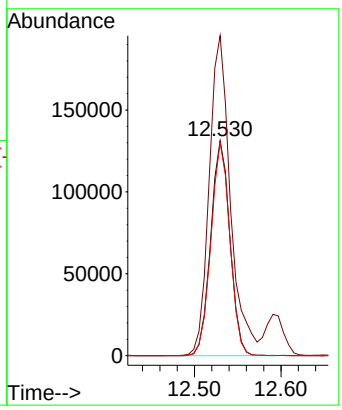




#77
Bromobenzene
Concen: 47.741 ug/l
RT: 12.530 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:156 Resp: 20197

Ion	Ratio	Lower	Upper
156	100		
77	164.7	82.7	248.1
158	97.8	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations
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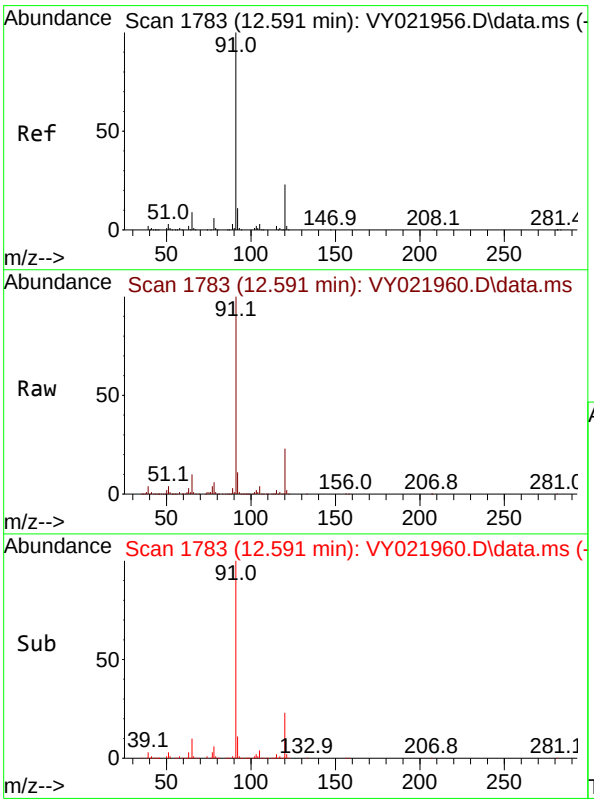
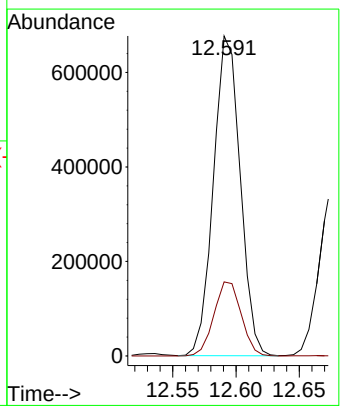
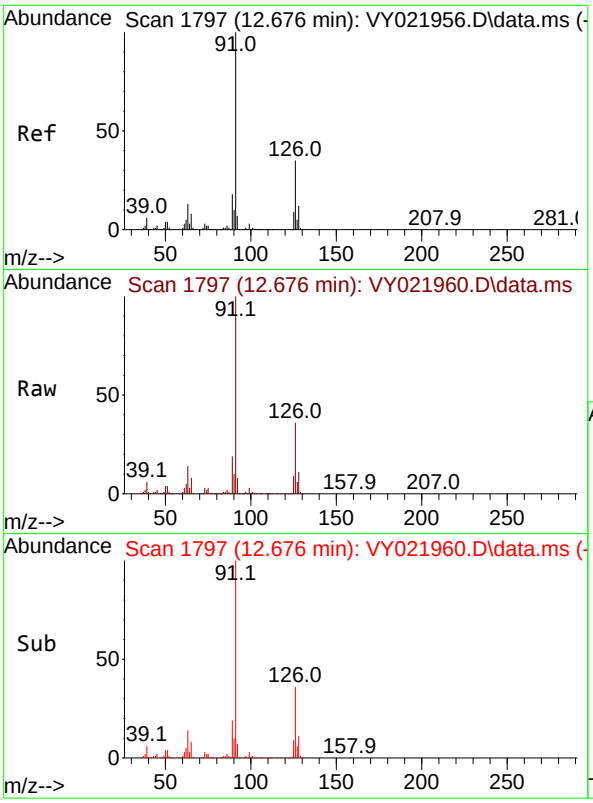


#78
n-propylbenzene
Concen: 49.907 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 91 Resp: 995089

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5





#79
2-Chlorotoluene
Concen: 48.351 ug/l
RT: 12.676 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

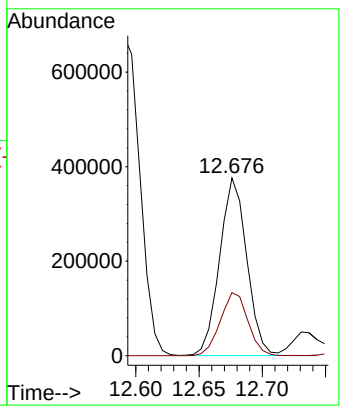
Tgt Ion: 91 Resp: 56066

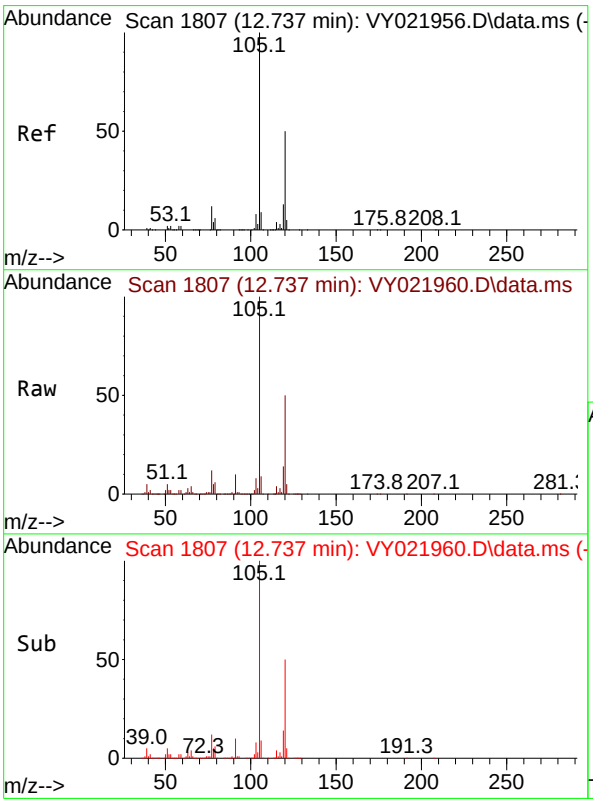
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.9	53.8

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/23/2025
Supervised By :Mahesh Dadoda 04/23/2025

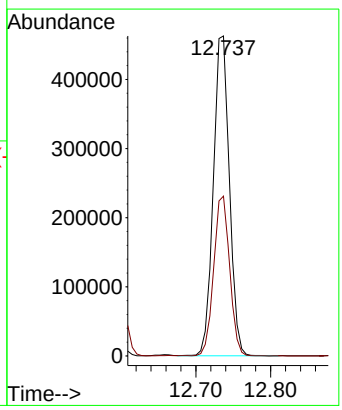


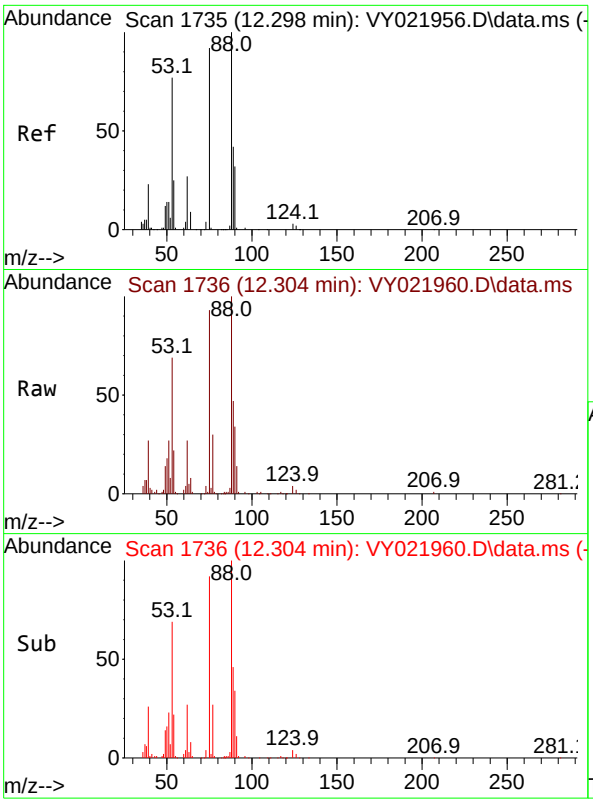


#80
1,3,5-Trimethylbenzene
Concen: 50.131 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:105 Resp: 691575

Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.0	75.0

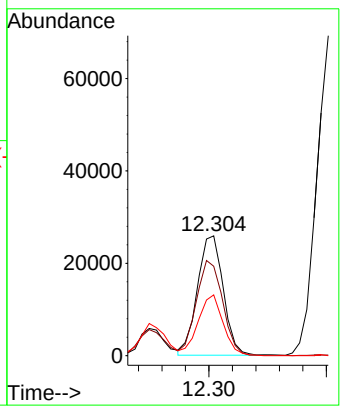




#81
trans-1,4-Dichloro-2-butene
Concen: 44.304 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 3949

Ion	Ratio	Lower	Upper
75	100		
53	82.0	66.0	99.0
89	49.6	37.2	55.8



Instrument :
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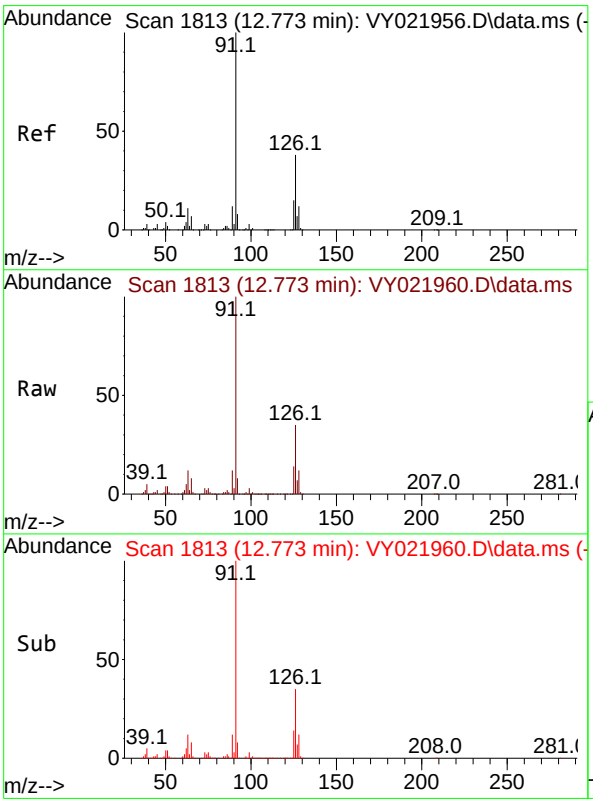
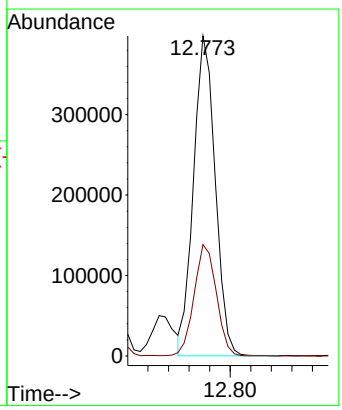
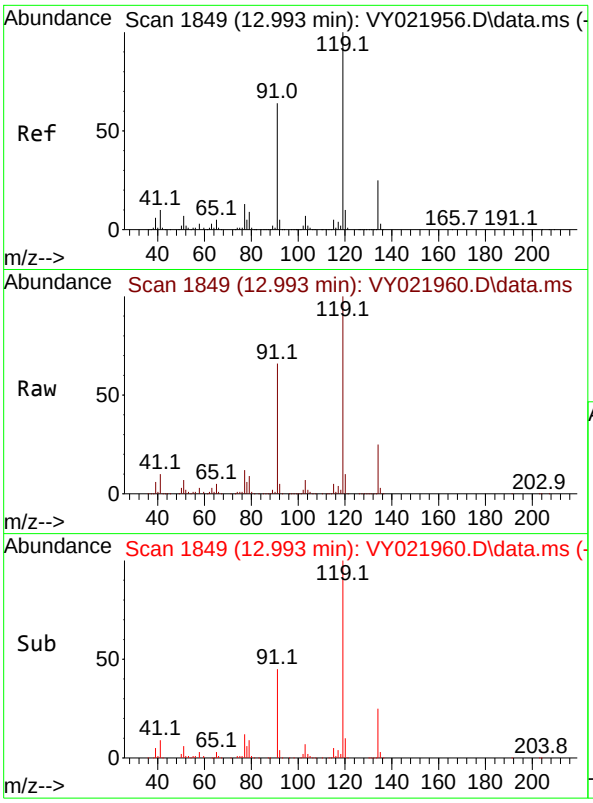


#82
4-Chlorotoluene
Concen: 48.406 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 91 Resp: 583487

Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.9	53.8





#83
tert-Butylbenzene
Concen: 51.499 ug/l
RT: 12.993 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:119 Resp: 63715

Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.3	90.9
134	25.7	12.9	38.7

Instrument :
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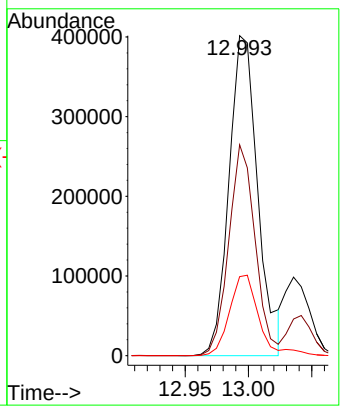
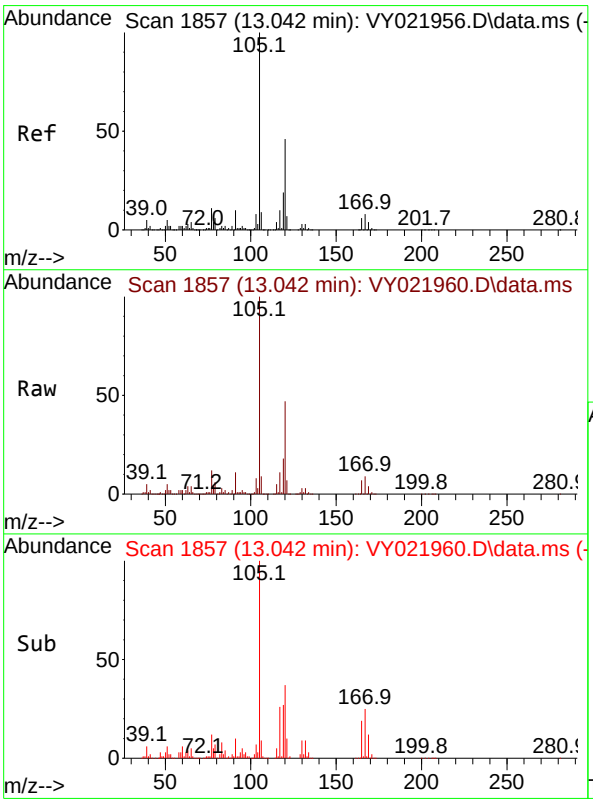
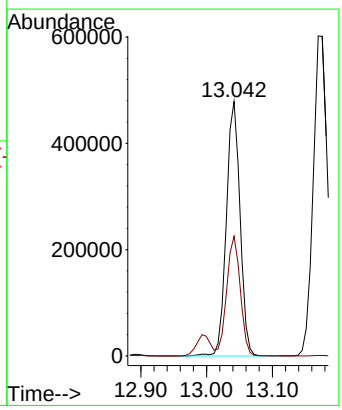


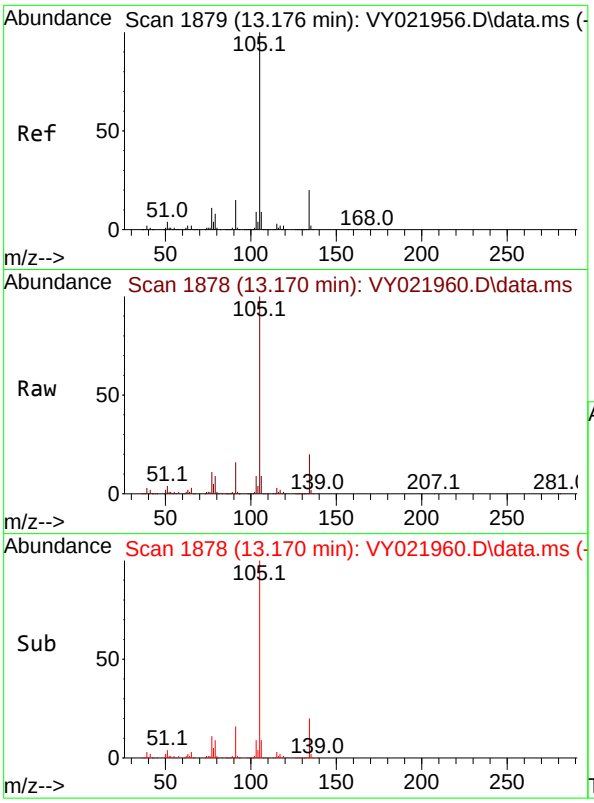


#84
1,2,4-Trimethylbenzene
Concen: 50.285 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:105 Resp: 693849

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.0

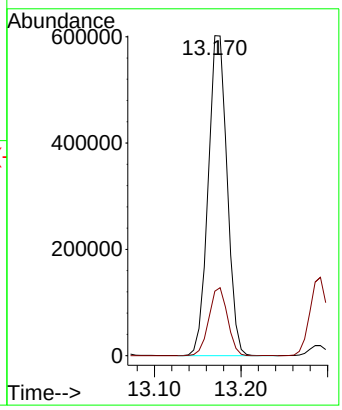




#85
sec-Butylbenzene
Concen: 50.397 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:105 Resp: 91239

Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.3	30.9



Instrument :
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ClientSampleId :
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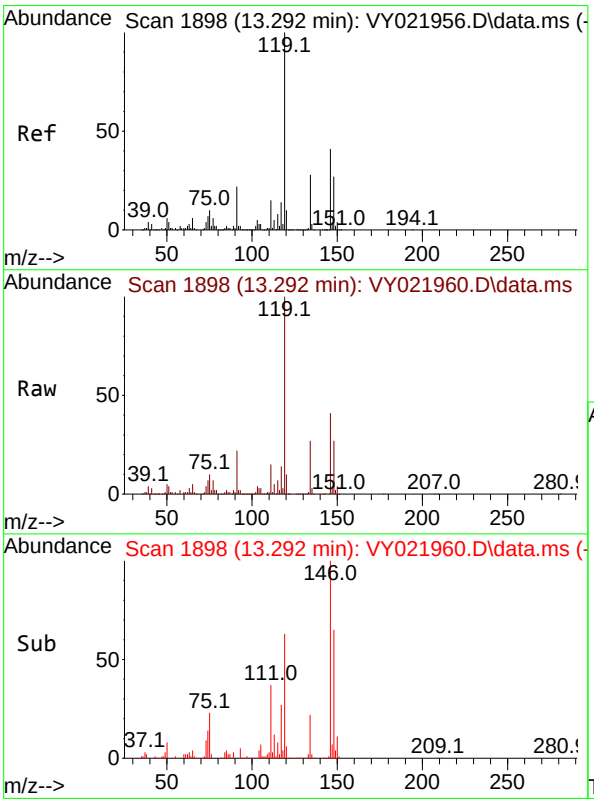
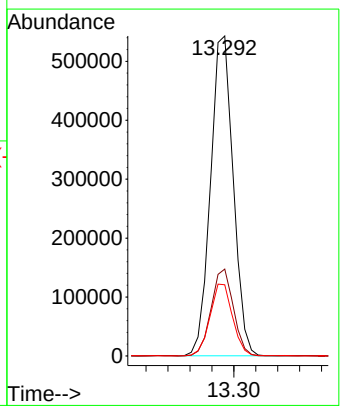
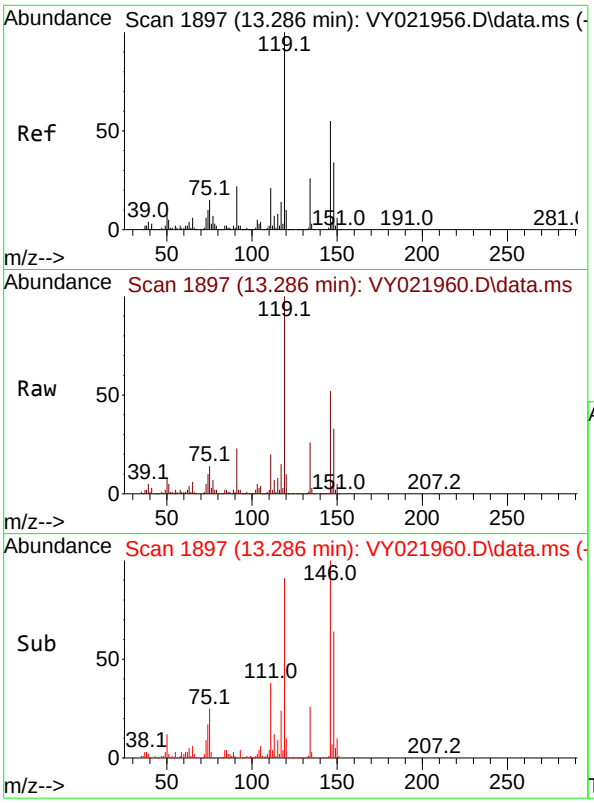


#86
p-Isopropyltoluene
Concen: 50.831 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:119 Resp: 781445

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.6	40.7
91	22.3	11.0	33.0

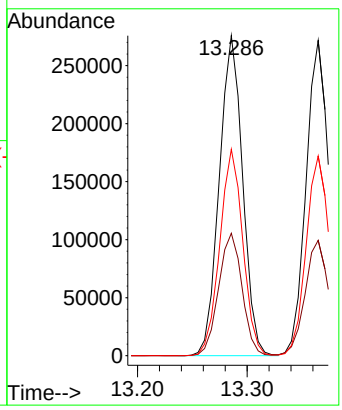




#87
1,3-Dichlorobenzene
Concen: 47.528 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:146 Resp: 40839

Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	63.8	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

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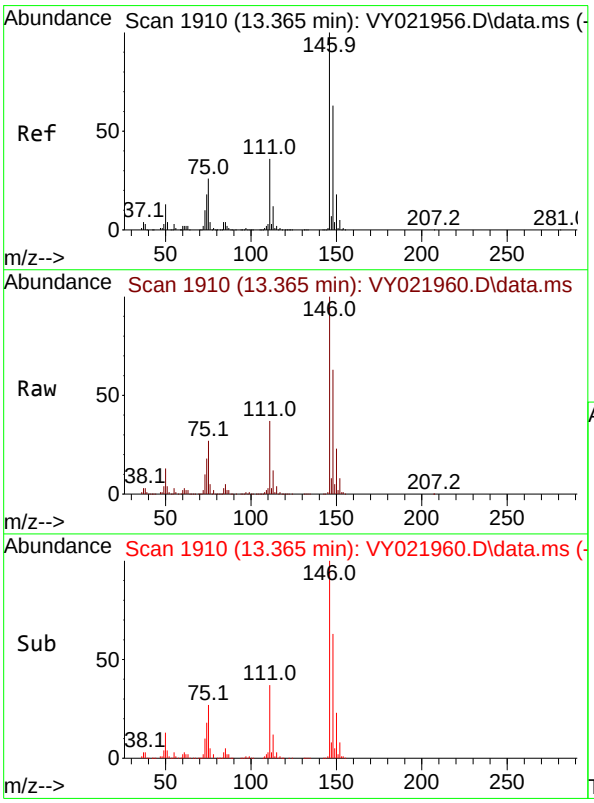
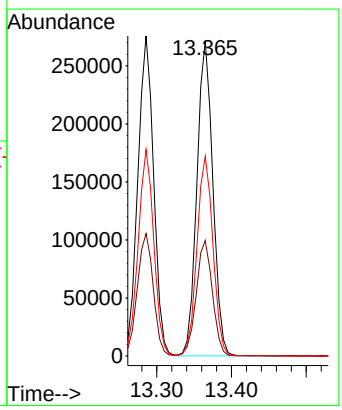
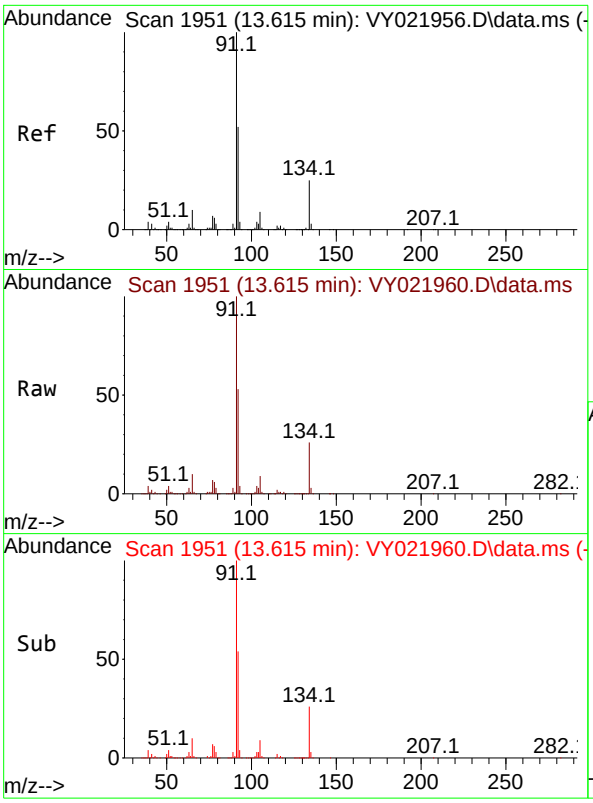


#88
1,4-Dichlorobenzene
Concen: 47.202 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:146 Resp: 401694

Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.2	57.6
148	63.8	32.0	96.0

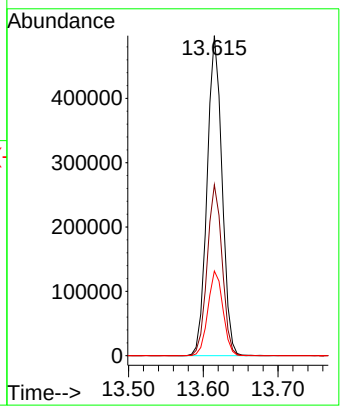




#89
n-Butylbenzene
Concen: 50.209 ug/l
RT: 13.615 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 91 Resp: 68993

Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.5
134	26.6	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
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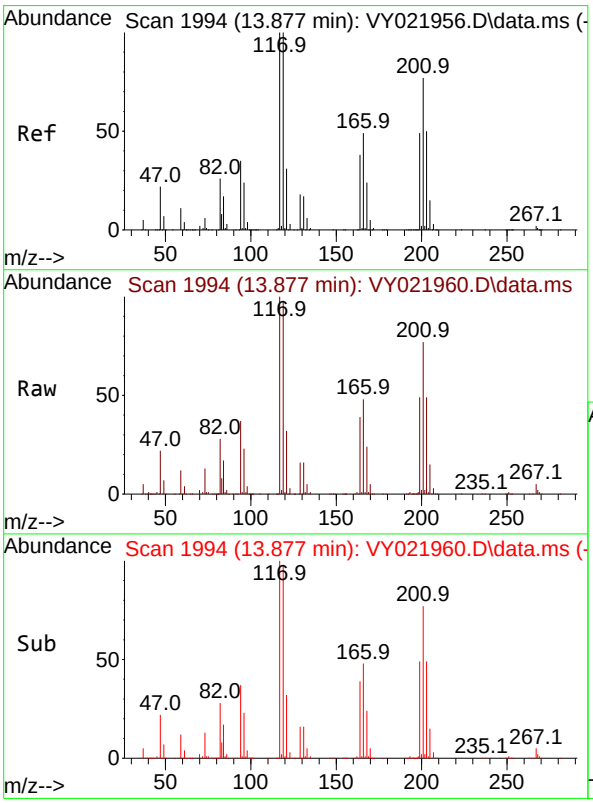
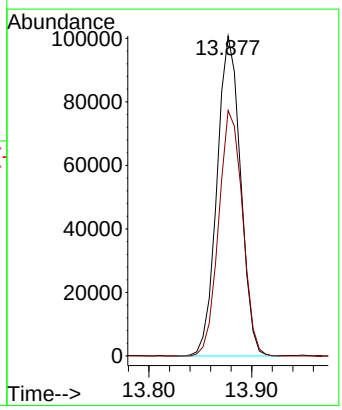
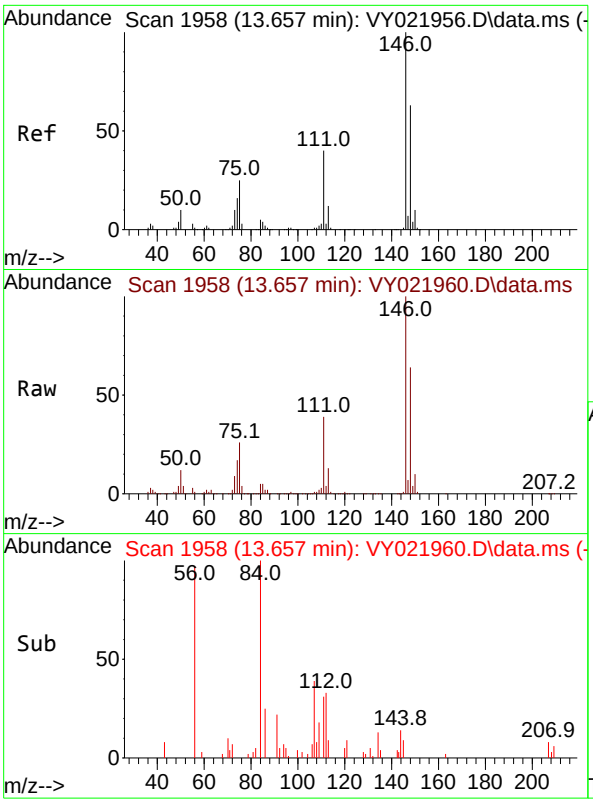


#90
Hexachloroethane
Concen: 47.410 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:117 Resp: 160136

Ion	Ratio	Lower	Upper
117	100		
201	77.7	38.7	116.1

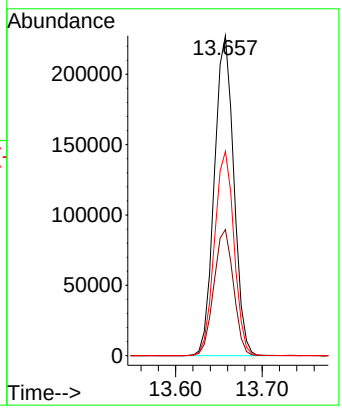




#91
1,2-Dichlorobenzene
Concen: 47.337 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:146 Resp: 35476

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.7	59.1
148	64.2	32.1	96.3



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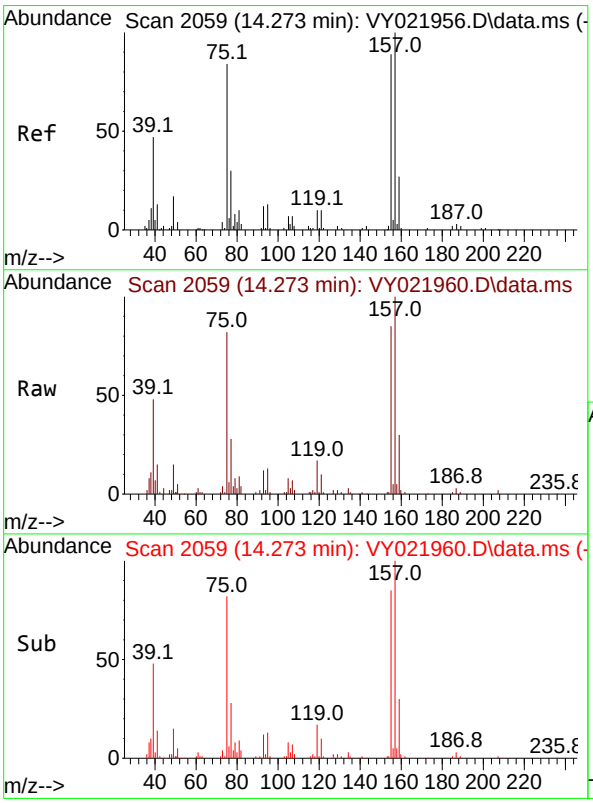
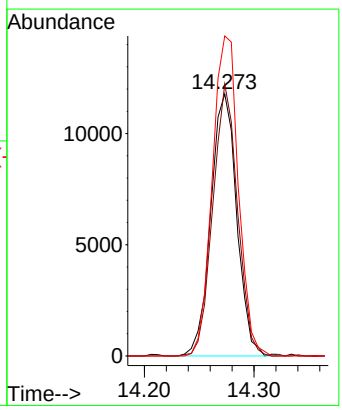
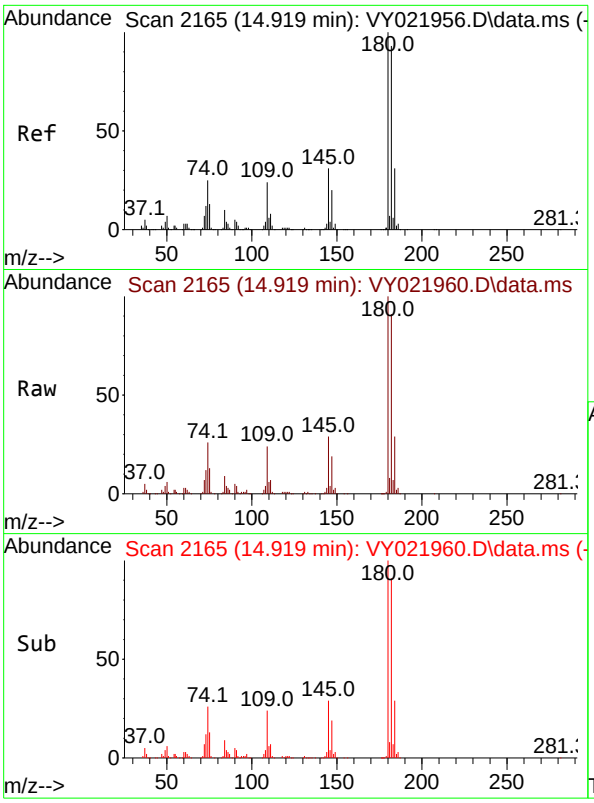


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.151 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion: 75 Resp: 19379

Ion	Ratio	Lower	Upper
75	100		
155	98.3	50.7	152.3
157	122.9	62.6	187.8

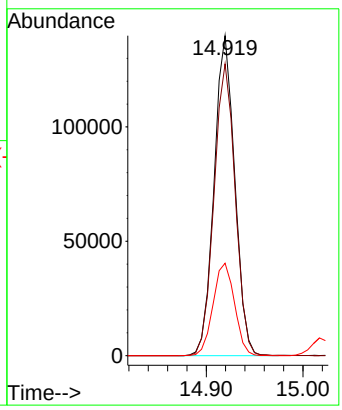




#93
1,2,4-Trichlorobenzene
Concen: 48.811 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:180 Resp: 20729

Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.1	141.4
145	30.1	15.0	45.0



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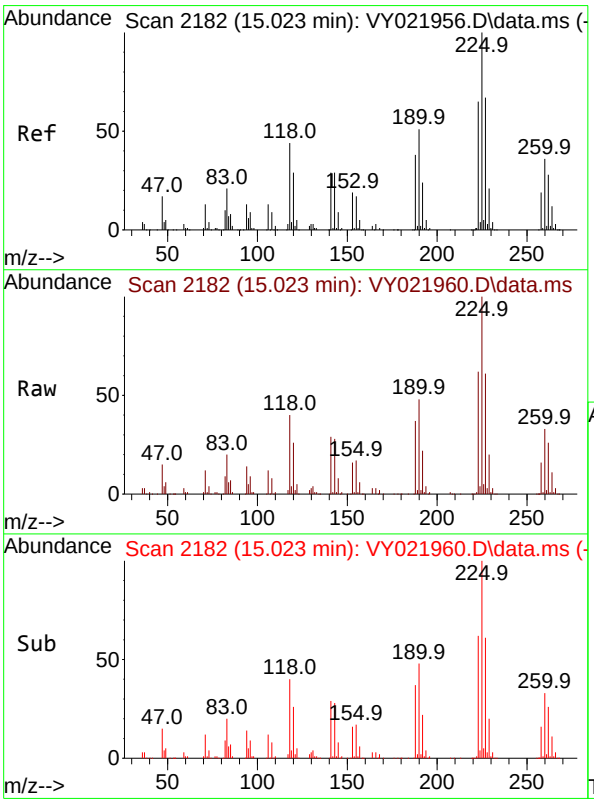
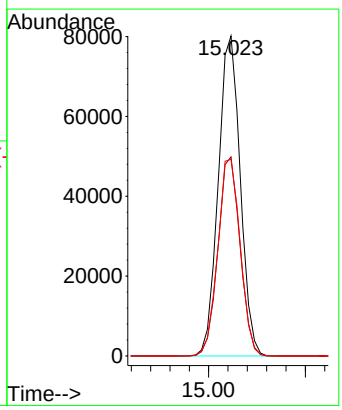
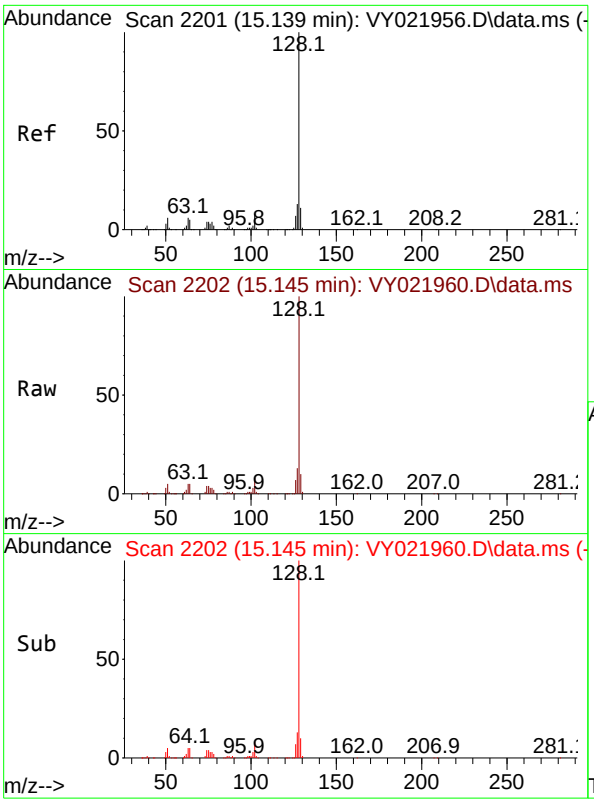


#94
Hexachlorobutadiene
Concen: 48.376 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:225 Resp: 126404

Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.9	95.5
227	62.9	32.3	96.9

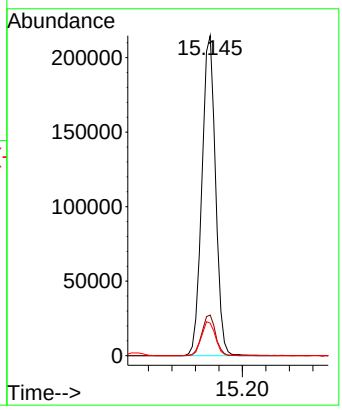




#95
Naphthalene
Concen: 48.975 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:128 Resp: 34551

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.9	8.9	13.3



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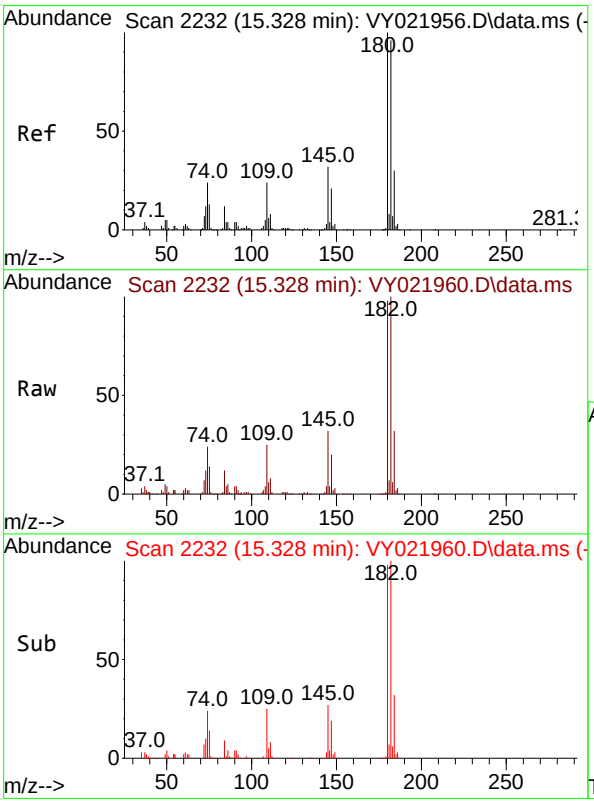
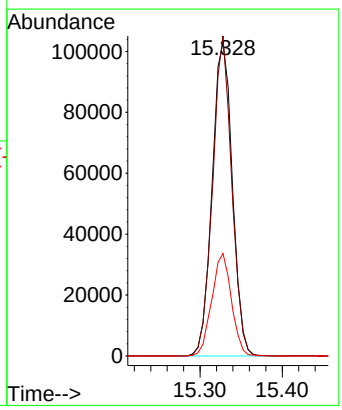


#96
1,2,3-Trichlorobenzene
Concen: 47.914 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY021960.D
Acq: 22 Apr 2025 17:01

Tgt Ion:180 Resp: 175651

Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.1	144.4
145	31.8	16.0	48.0



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	103	0.00
2	T	Dichlorodifluoromethane	0.426	0.395	7.3	104	0.00
3	P	Chloromethane	0.607	0.551	9.2	95	0.00
4	C	Vinyl Chloride	0.745	0.677	9.1#	96	0.00
5	T	Bromomethane	0.642	0.532	17.1	92	0.00
6	T	Chloroethane	0.508	0.450	11.4	94	0.00
7	T	Trichlorofluoromethane	0.983	0.907	7.7	98	0.00
8	T	Diethyl Ether	0.256	0.235	8.2	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.533	0.492	7.7	104	0.00
10	T	Methyl Iodide	0.617	0.557	9.7	91	0.00
11	T	Tert butyl alcohol	0.025	0.023	8.0	91	0.00
12	CM	1,1-Dichloroethene	0.497	0.479	3.6#	105	0.00
13	T	Acrolein	0.046	0.041	10.9	101	0.00
14	T	Allyl chloride	0.579	0.549	5.2	102	0.00
15	T	Acrylonitrile	0.094	0.085	9.6	94	0.00
16	T	Acetone	0.070	0.056	20.0	92	0.00
17	T	Carbon Disulfide	1.585	1.488	6.1	103	0.00
18	T	Methyl Acetate	0.216	0.211	2.3	98	0.00
19	T	Methyl tert-butyl Ether	1.113	1.066	4.2	97	0.00
20	T	Methylene Chloride	0.584	0.527	9.8	102	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.528	5.2	103	0.00
22	T	Diisopropyl ether	1.288	1.243	3.5	100	0.00
23	T	Vinyl Acetate	0.694	0.666	4.0	96	0.00
24	P	1,1-Dichloroethane	0.893	0.829	7.2	100	0.00
25	T	2-Butanone	0.105	0.093	11.4	91	0.00
26	T	2,2-Dichloropropane	0.782	0.725	7.3	101	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.595	4.3	100	0.00
28	T	Bromochloromethane	0.347	0.336	3.2	101	0.00
29	T	Tetrahydrofuran	0.068	0.063	7.4	89	0.00
30	C	Chloroform	0.990	0.924	6.7#	100	0.00
31	T	Cyclohexane	0.763	0.711	6.8	104	0.00
32	T	1,1,1-Trichloroethane	0.896	0.842	6.0	102	0.00
33	S	1,2-Dichloroethane-d4	0.462	0.445	3.7	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35	S	Dibromofluoromethane	0.330	0.324	1.8	101	0.00
36	T	1,1-Dichloropropene	0.444	0.425	4.3	103	0.00
37	T	Ethyl Acetate	0.159	0.147	7.5	93	0.00
38	T	Carbon Tetrachloride	0.530	0.505	4.7	102	0.00
39	T	Methylcyclohexane	0.558	0.553	0.9	103	0.00
40	TM	Benzene	1.387	1.323	4.6	101	0.00
41	T	Methacrylonitrile	0.087	0.076	12.6	84	0.00
42	TM	1,2-Dichloroethane	0.343	0.319	7.0	98	0.00
43	T	Isopropyl Acetate	0.306	0.285	6.9	94	0.00
44	TM	Trichloroethene	0.384	0.361	6.0	101	0.00
45	C	1,2-Dichloropropane	0.307	0.290	5.5#	99	0.00
46	T	Dibromomethane	0.192	0.179	6.8	98	0.00
47	T	Bromodichloromethane	0.480	0.460	4.2	100	0.00
48	T	Methyl methacrylate	0.141	0.139	1.4	95	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	0.002	0.002	0.0	98	-0.01
50	S	Toluene-d8	1.245	1.259	-1.1	101	0.00
51	T	4-Methyl-2-Pentanone	0.160	0.153	4.4	91	0.00
52	CM	Toluene	0.898	0.876	2.4#	101	0.00
53	T	t-1,3-Dichloropropene	0.411	0.394	4.1	97	0.00
54	T	cis-1,3-Dichloropropene	0.489	0.471	3.7	100	0.00
55	T	1,1,2-Trichloroethane	0.256	0.243	5.1	97	0.00
56	T	Ethyl methacrylate	0.293	0.294	-0.3	95	0.00
57	T	1,3-Dichloropropane	0.411	0.387	5.8	97	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.146	-2.1	93	0.00
59	T	2-Hexanone	0.106	0.101	4.7	90	0.00
60	T	Dibromochloromethane	0.355	0.333	6.2	97	0.00
61	T	1,2-Dibromoethane	0.242	0.229	5.4	97	0.00
62	S	4-Bromofluorobenzene	0.419	0.429	-2.4	103	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.472	0.439	7.0	98	0.00
65	PM	Chlorobenzene	1.118	1.067	4.6	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.380	3.6	100	0.00
67	C	Ethyl Benzene	1.829	1.834	-0.3#	102	0.00
68	T	m/p-Xylenes	0.728	0.736	-1.1	102	0.00
69	T	o-Xylene	0.671	0.684	-1.9	101	0.00
70	T	Styrene	1.126	1.160	-3.0	101	0.00
71	P	Bromoform	0.229	0.219	4.4	97	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.341	3.325	0.5	102	0.00
74	T	N-amyl acetate	0.574	0.531	7.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	0.563	0.519	7.8	96	0.00
76	T	1,2,3-Trichloropropane	0.428	0.370	13.6	93	0.00
77	T	Bromobenzene	0.844	0.806	4.5	99	0.00
78	T	n-propylbenzene	3.978	3.971	0.2	102	0.00
79	T	2-Chlorotoluene	2.314	2.237	3.3	100	0.00
80	T	1,3,5-Trimethylbenzene	2.752	2.760	-0.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.158	11.2	91	0.00
82	T	4-Chlorotoluene	2.405	2.328	3.2	100	0.00
83	T	tert-Butylbenzene	2.468	2.542	-3.0	104	0.00
84	T	1,2,4-Trimethylbenzene	2.753	2.769	-0.6	101	0.00
85	T	sec-Butylbenzene	3.612	3.641	-0.8	103	0.00
86	T	p-Isopropyltoluene	3.067	3.118	-1.7	103	0.00
87	T	1,3-Dichlorobenzene	1.714	1.630	4.9	101	0.00
88	T	1,4-Dichlorobenzene	1.698	1.603	5.6	101	0.00
89	T	n-Butylbenzene	2.742	2.753	-0.4	102	0.00
90	T	Hexachloroethane	0.674	0.639	5.2	102	0.00
91	T	1,2-Dichlorobenzene	1.495	1.416	5.3	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.077	14.4	94	0.00
93	T	1,2,4-Trichlorobenzene	0.847	0.827	2.4	102	0.00
94	T	Hexachlorobutadiene	0.521	0.504	3.3	107	0.00
95	T	Naphthalene	1.408	1.379	2.1	98	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.701	4.1	101	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	46.375	7.2	104	0.00
3	P	Chloromethane	50.000	45.440	9.1	95	0.00
4	C	Vinyl Chloride	50.000	45.432	9.1#	96	0.00
5	T	Bromomethane	50.000	41.389	17.2	92	0.00
6	T	Chloroethane	50.000	44.363	11.3	94	0.00
7	T	Trichlorofluoromethane	50.000	46.128	7.7	98	0.00
8	T	Diethyl Ether	50.000	45.910	8.2	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.166	7.7	104	0.00
10	T	Methyl Iodide	50.000	45.123	9.8	91	0.00
11	T	Tert butyl alcohol	250.000	226.751	9.3	91	0.00
12	CM	1,1-Dichloroethene	50.000	48.182	3.6#	105	0.00
13	T	Acrolein	250.000	227.366	9.1	101	0.00
14	T	Allyl chloride	50.000	47.458	5.1	102	0.00
15	T	Acrylonitrile	250.000	226.587	9.4	94	0.00
16	T	Acetone	250.000	231.130	7.5	92	0.00
17	T	Carbon Disulfide	50.000	46.938	6.1	103	0.00
18	T	Methyl Acetate	50.000	48.904	2.2	98	0.00
19	T	Methyl tert-butyl Ether	50.000	47.891	4.2	97	0.00
20	T	Methylene Chloride	50.000	45.147	9.7	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.430	5.1	103	0.00
22	T	Diisopropyl ether	50.000	48.273	3.5	100	0.00
23	T	Vinyl Acetate	250.000	239.824	4.1	96	0.00
24	P	1,1-Dichloroethane	50.000	46.404	7.2	100	0.00
25	T	2-Butanone	250.000	220.139	11.9	91	0.00
26	T	2,2-Dichloropropane	50.000	46.334	7.3	101	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.795	4.4	100	0.00
28	T	Bromochloromethane	50.000	48.457	3.1	101	0.00
29	T	Tetrahydrofuran	250.000	229.194	8.3	89	0.00
30	C	Chloroform	50.000	46.643	6.7#	100	0.00
31	T	Cyclohexane	50.000	46.548	6.9	104	0.00
32	T	1,1,1-Trichloroethane	50.000	47.007	6.0	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.224	3.6	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	103	0.00
35	S	Dibromofluoromethane	50.000	48.989	2.0	101	0.00
36	T	1,1-Dichloropropene	50.000	47.914	4.2	103	0.00
37	T	Ethyl Acetate	50.000	46.092	7.8	93	0.00
38	T	Carbon Tetrachloride	50.000	47.630	4.7	102	0.00
39	T	Methylcyclohexane	50.000	49.486	1.0	103	0.00
40	TM	Benzene	50.000	47.692	4.6	101	0.00
41	T	Methacrylonitrile	50.000	43.342	13.3	84	0.00
42	TM	1,2-Dichloroethane	50.000	46.472	7.1	98	0.00
43	T	Isopropyl Acetate	50.000	46.545	6.9	94	0.00
44	TM	Trichloroethene	50.000	47.027	5.9	101	0.00
45	C	1,2-Dichloropropane	50.000	47.326	5.3#	99	0.00
46	T	Dibromomethane	50.000	46.578	6.8	98	0.00
47	T	Bromodichloromethane	50.000	47.955	4.1	100	0.00
48	T	Methyl methacrylate	50.000	49.090	1.8	95	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	951.409	4.9	98	-0.01
50	S	Toluene-d8	50.000	50.539	-1.1	101	0.00
51	T	4-Methyl-2-Pentanone	250.000	237.972	4.8	91	0.00
52	CM	Toluene	50.000	48.774	2.5#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	47.893	4.2	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.122	3.8	100	0.00
55	T	1,1,2-Trichloroethane	50.000	47.403	5.2	97	0.00
56	T	Ethyl methacrylate	50.000	50.188	-0.4	95	0.00
57	T	1,3-Dichloropropane	50.000	47.024	6.0	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.928	-1.6	93	0.00
59	T	2-Hexanone	250.000	238.340	4.7	90	0.00
60	T	Dibromochloromethane	50.000	46.882	6.2	97	0.00
61	T	1,2-Dibromoethane	50.000	47.188	5.6	97	0.00
62	S	4-Bromofluorobenzene	50.000	51.198	-2.4	103	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	46.550	6.9	98	0.00
65	PM	Chlorobenzene	50.000	47.734	4.5	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.308	3.4	100	0.00
67	C	Ethyl Benzene	50.000	50.142	-0.3#	102	0.00
68	T	m/p-Xylenes	100.000	101.181	-1.2	102	0.00
69	T	o-Xylene	50.000	50.949	-1.9	101	0.00
70	T	Styrene	50.000	51.513	-3.0	101	0.00
71	P	Bromoform	50.000	47.821	4.4	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	49.765	0.5	102	0.00
74	T	N-amyl acetate	50.000	46.264	7.5	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.078	7.8	96	0.00
76	T	1,2,3-Trichloropropane	50.000	43.169	13.7	93	0.00
77	T	Bromobenzene	50.000	47.741	4.5	99	0.00
78	T	n-propylbenzene	50.000	49.907	0.2	102	0.00
79	T	2-Chlorotoluene	50.000	48.351	3.3	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.131	-0.3	100	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.304	11.4	91	0.00
82	T	4-Chlorotoluene	50.000	48.406	3.2	100	0.00
83	T	tert-Butylbenzene	50.000	51.499	-3.0	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.285	-0.6	101	0.00
85	T	sec-Butylbenzene	50.000	50.397	-0.8	103	0.00
86	T	p-Isopropyltoluene	50.000	50.831	-1.7	103	0.00
87	T	1,3-Dichlorobenzene	50.000	47.528	4.9	101	0.00
88	T	1,4-Dichlorobenzene	50.000	47.202	5.6	101	0.00
89	T	n-Butylbenzene	50.000	50.209	-0.4	102	0.00
90	T	Hexachloroethane	50.000	47.410	5.2	102	0.00
91	T	1,2-Dichlorobenzene	50.000	47.337	5.3	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.151	13.7	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.811	2.4	102	0.00
94	T	Hexachlorobutadiene	50.000	48.376	3.2	107	0.00
95	T	Naphthalene	50.000	48.975	2.0	98	0.00

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021960.D
Acq On : 22 Apr 2025 17:01
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY042225

Quant Time: Apr 23 02:36:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.914	4.2	101	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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_N Calibration Date/Time: 05/05/2025 11:32

Lab File ID: VN086478.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.485	1.541		3.77	20
Toluene	0.927	0.979		5.61	20
Ethyl Benzene	2.014	1.999		-0.75	20
m/p-Xylenes	0.754	0.772		2.39	20
o-Xylene	0.746	0.767		2.82	20
Isopropylbenzene	4.090	3.762		-8.02	20
n-propylbenzene	4.820	4.463		-7.41	20
1,3,5-Trimethylbenzene	3.348	3.185		-4.87	20
tert-Butylbenzene	2.901	2.643		-8.89	20
1,2,4-Trimethylbenzene	3.408	3.330		-2.29	20
sec-Butylbenzene	4.023	3.690		-8.28	20
p-Isopropyltoluene	3.316	3.176		-4.22	20
n-Butylbenzene	2.939	2.742		-6.7	20
1,2-Dichloroethane-d4	0.725	0.817		12.69	20
Dibromofluoromethane	0.232	0.264		13.79	20
Toluene-d8	1.240	1.280		3.23	20
4-Bromofluorobenzene	0.452	0.478		5.75	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_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.218	168	154484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126143	56.310	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	8.165	113	78358	56.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.580%			
50) Toluene-d8	10.565	98	380448	51.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.847	95	142048	52.810	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	82797	45.212	ug/l	97
3) Chloromethane	2.359	50	124341	46.718	ug/l	97
4) Vinyl Chloride	2.512	62	117200	46.145	ug/l	99
5) Bromomethane	2.953	94	71282	62.395	ug/l	99
6) Chloroethane	3.118	64	80740	47.499	ug/l	99
7) Trichlorofluoromethane	3.495	101	134221	47.709	ug/l	98
8) Diethyl Ether	3.953	74	64966	52.896	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	83015	48.778	ug/l	99
10) Methyl Iodide	4.589	142	114063	60.961	ug/l	100
11) Tert butyl alcohol	5.518	59	108474	265.389	ug/l	99
12) 1,1-Dichloroethene	4.342	96	86114	47.361	ug/l	98
13) Acrolein	4.177	56	68891	368.613	ug/l	96
14) Allyl chloride	5.024	41	142017	43.937	ug/l	94
15) Acrylonitrile	5.718	53	270801	268.011	ug/l	100
16) Acetone	4.424	43	215081	278.344	ug/l	99
17) Carbon Disulfide	4.712	76	236748	43.485	ug/l	98
18) Methyl Acetate	5.018	43	128186	47.670	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	364510	54.536	ug/l	99
20) Methylene Chloride	5.271	84	112578	54.360	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	97661	51.375	ug/l	97
22) Diisopropyl ether	6.671	45	363854	51.747	ug/l	98
23) Vinyl Acetate	6.600	43	1330427	270.668	ug/l	99
24) 1,1-Dichloroethane	6.571	63	194515	52.430	ug/l	100
25) 2-Butanone	7.477	43	362574	260.025	ug/l	98
26) 2,2-Dichloropropane	7.488	77	165135	49.713	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128100	54.294	ug/l	95
28) Bromochloromethane	7.812	49	82364	52.359	ug/l	93
29) Tetrahydrofuran	7.835	42	240446	257.870	ug/l	97
30) Chloroform	7.965	83	201773	55.364	ug/l	98
31) Cyclohexane	8.253	56	154302	42.503	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	161979	51.955	ug/l	98
36) 1,1-Dichloropropene	8.371	75	132456	48.061	ug/l	99
37) Ethyl Acetate	7.559	43	144768	49.894	ug/l	100
38) Carbon Tetrachloride	8.359	117	131483	50.096	ug/l	97
39) Methylcyclohexane	9.600	83	146265	44.650	ug/l	99
40) Benzene	8.600	78	458081	51.877	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	87486	52.024	ug/l		98
42) 1,2-Dichloroethane	8.665	62	158498	56.287	ug/l		99
43) Isopropyl Acetate	8.682	43	281615	54.566	ug/l		100
44) Trichloroethene	9.347	130	110489	52.792	ug/l		97
45) 1,2-Dichloropropane	9.618	63	113518	52.519	ug/l		100
46) Dibromomethane	9.706	93	80677	58.582	ug/l		97
47) Bromodichloromethane	9.882	83	166167	55.865	ug/l		98
48) Methyl methacrylate	9.677	41	126557	49.669	ug/l		96
49) 1,4-Dioxane	9.694	88	46836	1080.631	ug/l		96
51) 4-Methyl-2-Pentanone	10.441	43	783175	263.592	ug/l		98
52) Toluene	10.629	92	290954	52.807	ug/l		99
53) t-1,3-Dichloropropene	10.829	75	186288	56.106	ug/l		98
54) cis-1,3-Dichloropropene	10.312	75	192540	52.796	ug/l		99
55) 1,1,2-Trichloroethane	11.012	97	113496	57.253	ug/l		95
56) Ethyl methacrylate	10.871	69	196399	53.899	ug/l		98
57) 1,3-Dichloropropane	11.159	76	197019	56.016	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	412328	238.408	ug/l		98
59) 2-Hexanone	11.194	43	576127	261.423	ug/l		99
60) Dibromochloromethane	11.359	129	126605	58.161	ug/l		98
61) 1,2-Dibromoethane	11.465	107	117011	58.498	ug/l		100
64) Tetrachloroethene	11.100	164	106562	50.118	ug/l		99
65) Chlorobenzene	11.888	112	324322	52.576	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	110992	54.541	ug/l		99
67) Ethyl Benzene	11.959	91	552537	49.637	ug/l		99
68) m/p-Xylenes	12.070	106	426898	102.350	ug/l		98
69) o-Xylene	12.394	106	211945	51.383	ug/l		99
70) Styrene	12.406	104	368683	53.644	ug/l		99
71) Bromoform	12.576	173	86154	56.230	ug/l	#	98
73) Isopropylbenzene	12.694	105	503533	45.987	ug/l		99
74) N-amyl acetate	12.488	43	248033	45.503	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.935	83	158899	50.472	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	152035m	48.132	ug/l		
77) Bromobenzene	12.976	156	128740	53.065	ug/l		93
78) n-propylbenzene	13.035	91	597398	46.301	ug/l		100
79) 2-Chlorotoluene	13.123	91	388583	48.130	ug/l		98
80) 1,3,5-Trimethylbenzene	13.170	105	426330	47.572	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	68858	52.354	ug/l		87
82) 4-Chlorotoluene	13.217	91	394754	49.221	ug/l		99
83) tert-Butylbenzene	13.435	119	353792	45.561	ug/l		98
84) 1,2,4-Trimethylbenzene	13.476	105	445744	48.864	ug/l		99
85) sec-Butylbenzene	13.612	105	493958	45.861	ug/l		100
86) p-Isopropyltoluene	13.723	119	425158	47.890	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	239188	52.446	ug/l		99
88) 1,4-Dichlorobenzene	13.806	146	242338	52.755	ug/l		98
89) n-Butylbenzene	14.053	91	366963	46.633	ug/l		99
90) Hexachloroethane	14.329	117	69887	46.800	ug/l		97
91) 1,2-Dichlorobenzene	14.100	146	234928	53.131	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31129	49.038	ug/l		95
93) 1,2,4-Trichlorobenzene	15.388	180	113531	53.621	ug/l		99
94) Hexachlorobutadiene	15.494	225	36952	46.233	ug/l		100
95) Naphthalene	15.635	128	385090	51.308	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	107122	53.440	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

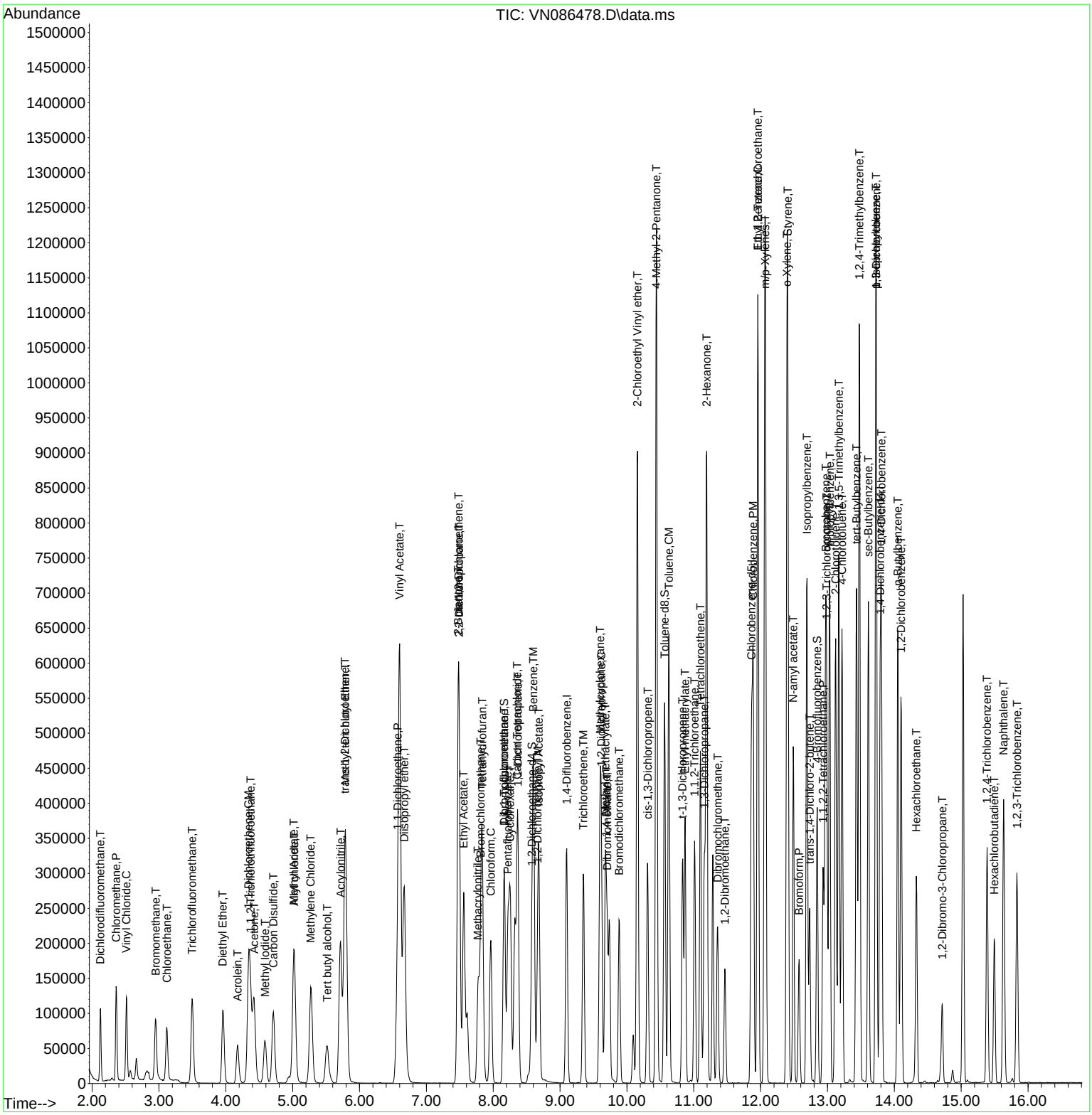
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

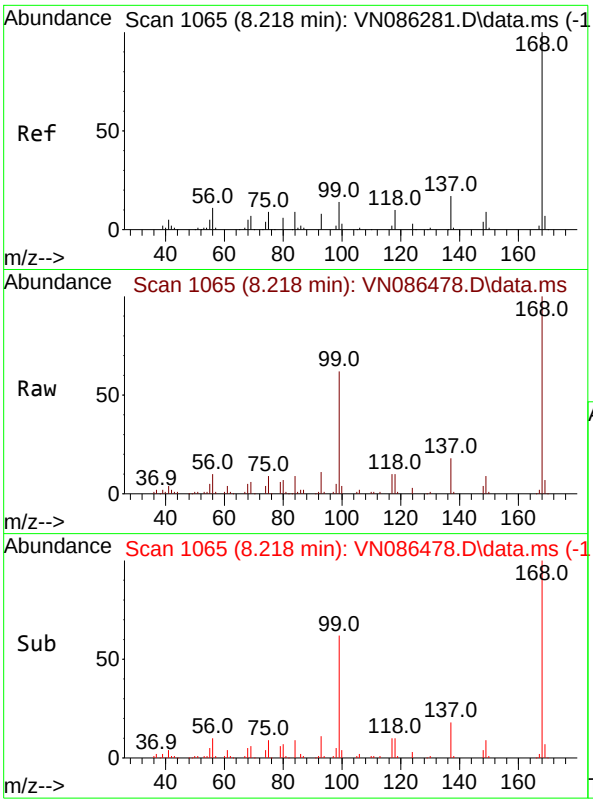
Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

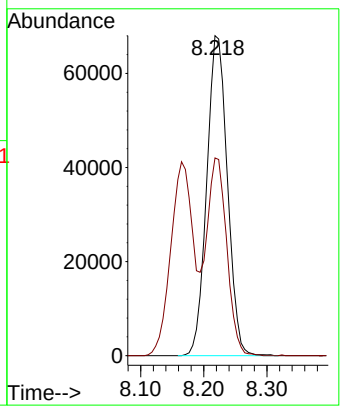




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:168 Resp: 15448

Ion	Ratio	Lower	Upper
168	100		
99	61.8	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
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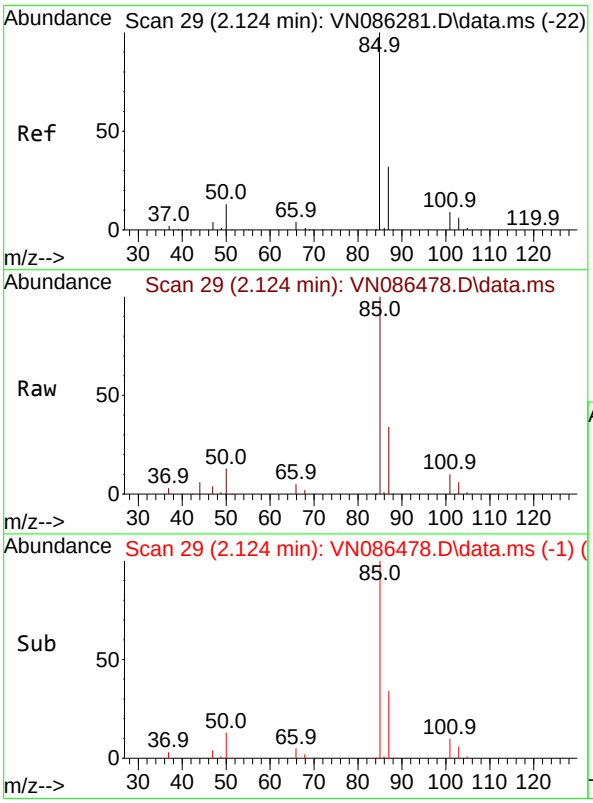
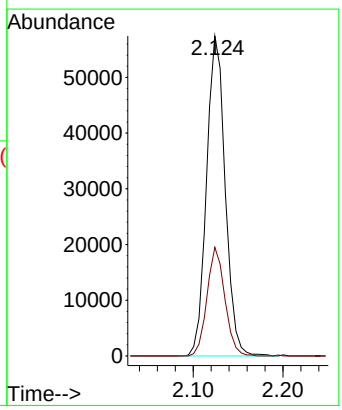
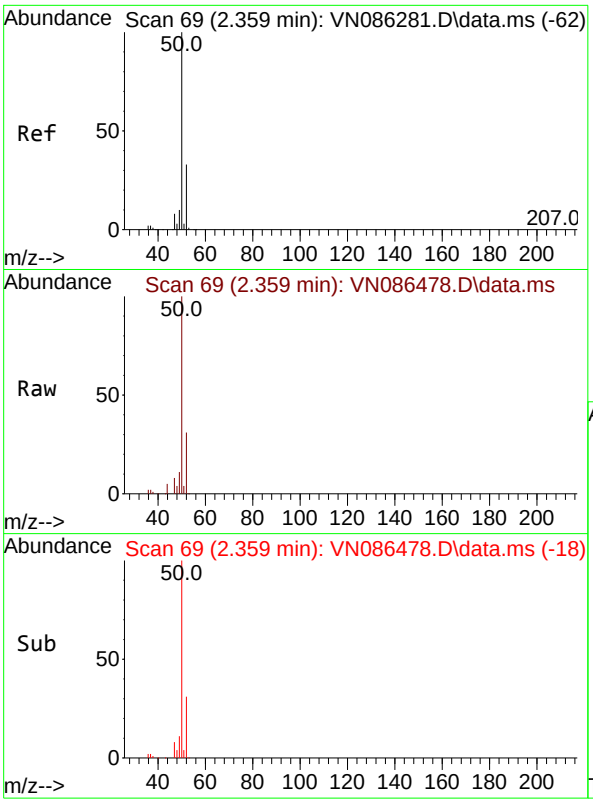


#2
Dichlorodifluoromethane
Concen: 45.212 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 85 Resp: 82797

Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.3	48.8

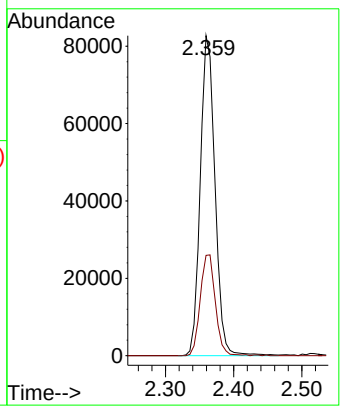




#3
Chloromethane
Concen: 46.718 ug/l
RT: 2.359 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 50 Resp: 12434

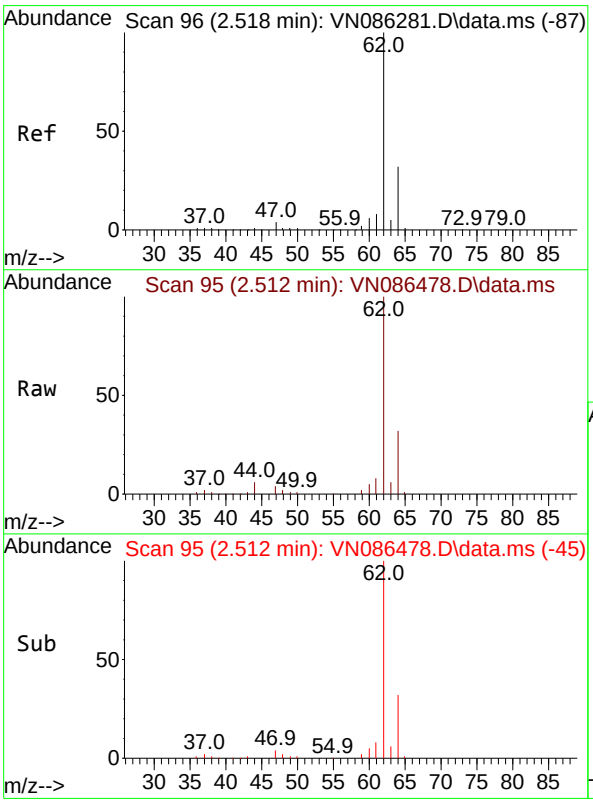
Ion	Ratio	Lower	Upper
50	100		
52	31.3	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

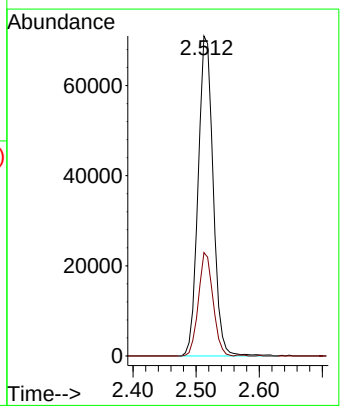
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

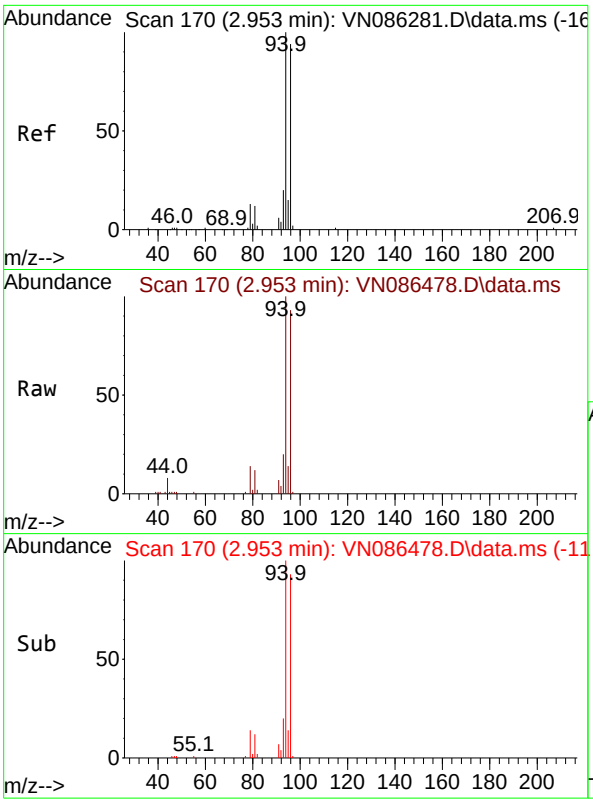


#4
Vinyl Chloride
Concen: 46.145 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 62 Resp: 117200

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.6	38.4





#5
Bromomethane
Concen: 62.395 ug/l
RT: 2.953 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

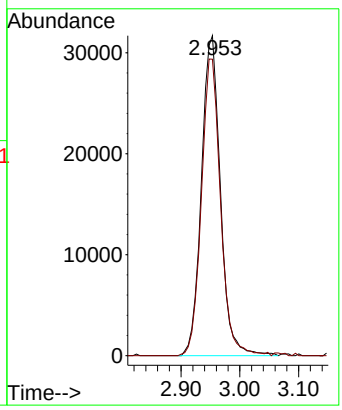
Tgt Ion: 94 Resp: 7128

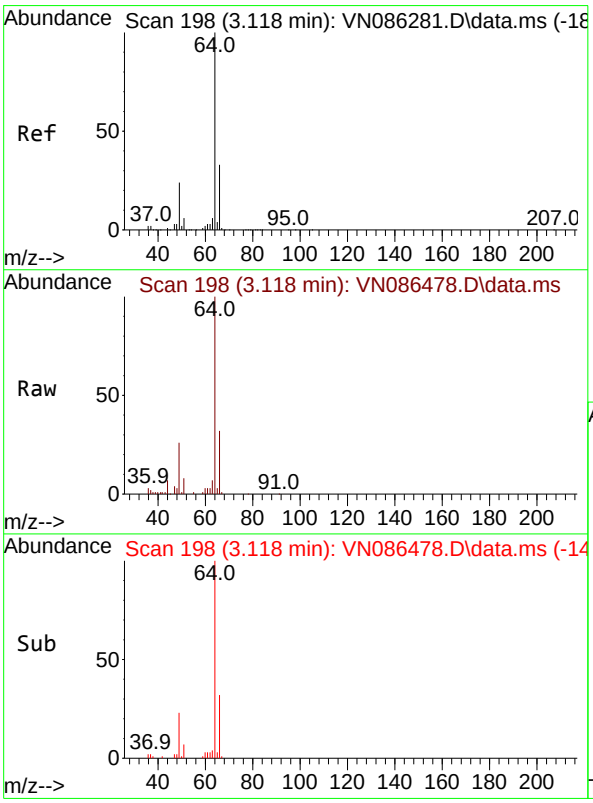
Ion	Ratio	Lower	Upper
94	100		
96	92.7	75.2	112.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

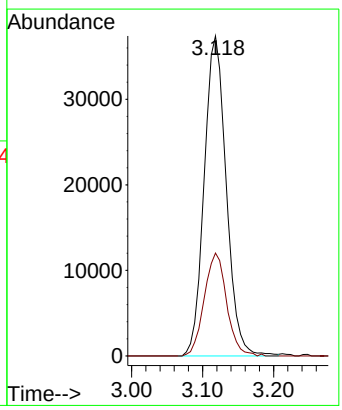


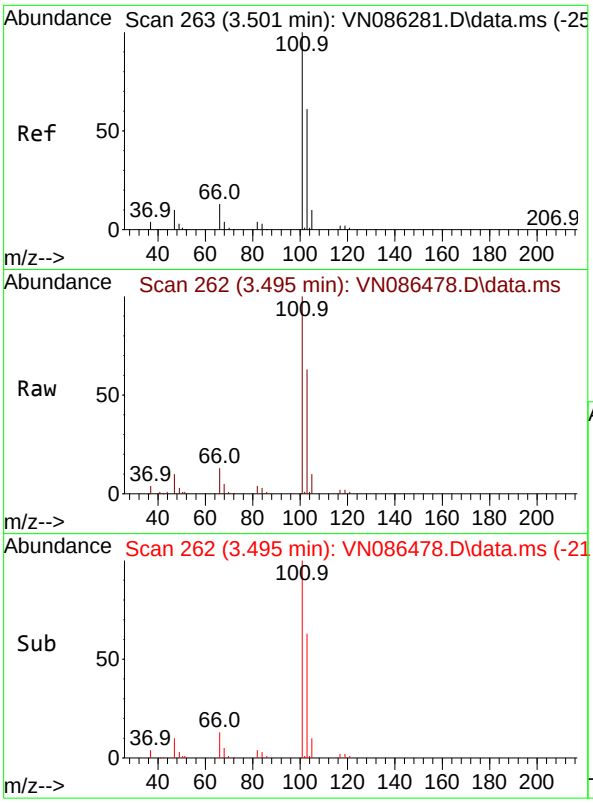


#6
Chloroethane
Concen: 47.499 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 64 Resp: 80740

Ion	Ratio	Lower	Upper
64	100		
66	32.2	26.2	39.2





#7
Trichlorofluoromethane
Concen: 47.709 ug/l
RT: 3.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

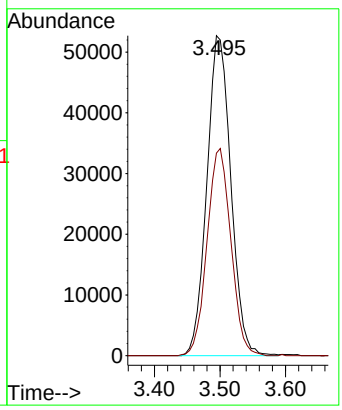
Tgt Ion:101 Resp: 13422

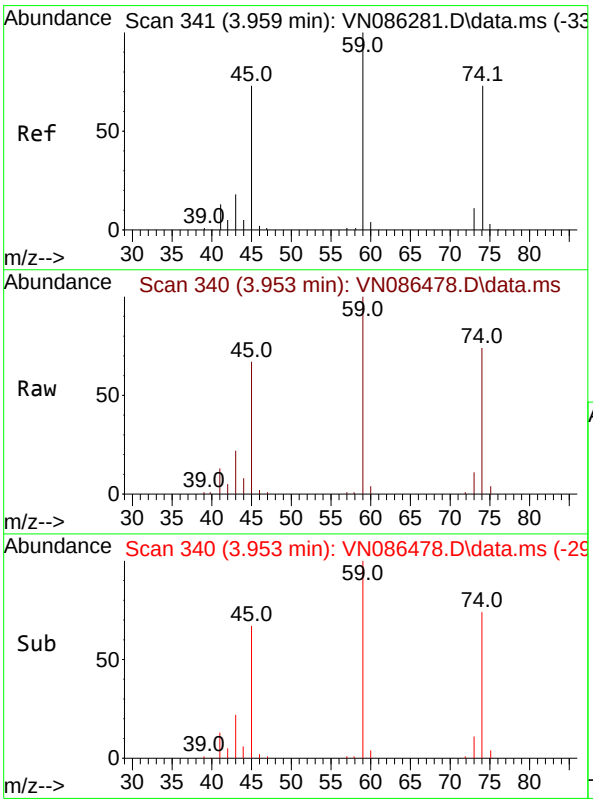
Ion	Ratio	Lower	Upper
101	100		
103	63.3	49.2	73.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

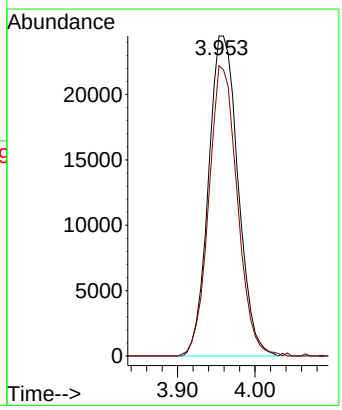


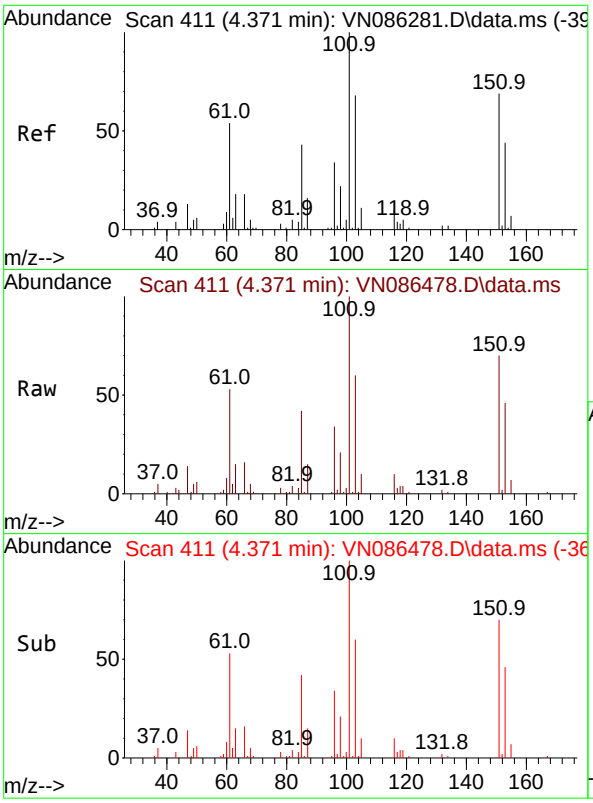


#8
Diethyl Ether
Concen: 52.896 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 74 Resp: 64966

Ion	Ratio	Lower	Upper
74	100		
45	87.5	48.0	144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.778 ug/l
RT: 4.371 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

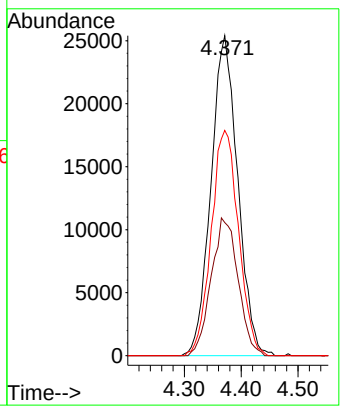
Tgt Ion:101 Resp: 8301

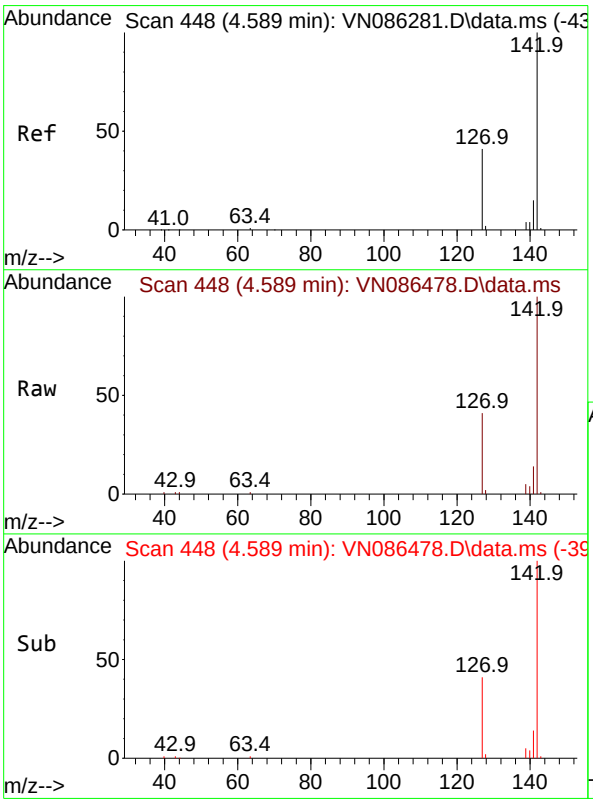
Ion	Ratio	Lower	Upper
101	100		
85	43.3	34.7	52.1
151	71.8	56.1	84.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

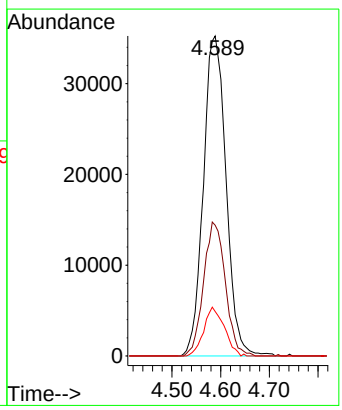


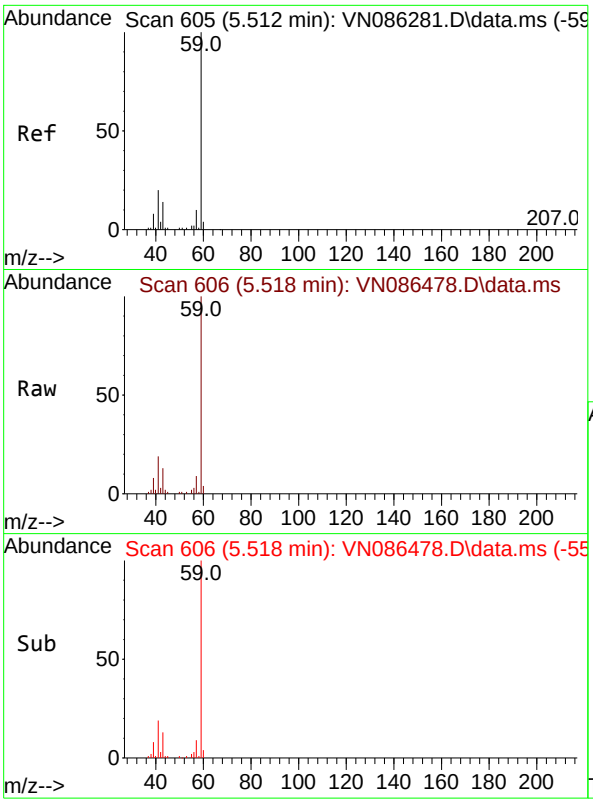


#10
Methyl Iodide
Concen: 60.961 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:142 Resp: 114063

Ion	Ratio	Lower	Upper
142	100		
127	40.9	32.7	49.1
141	13.9	11.7	17.5





#11
Tert butyl alcohol
Concen: 265.389 ug/l
RT: 5.518 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 59 Resp: 10847

Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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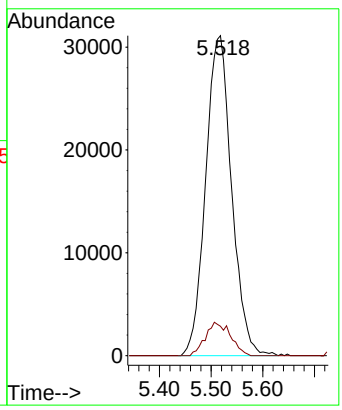
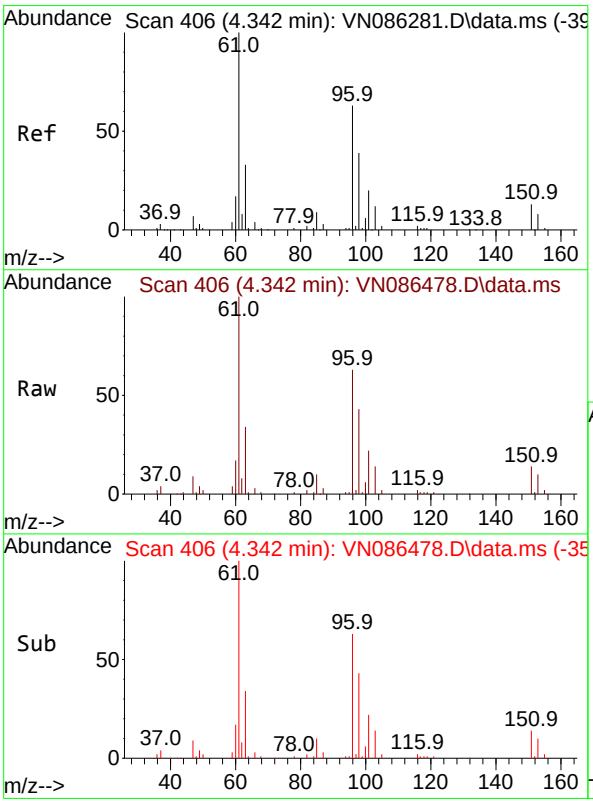
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

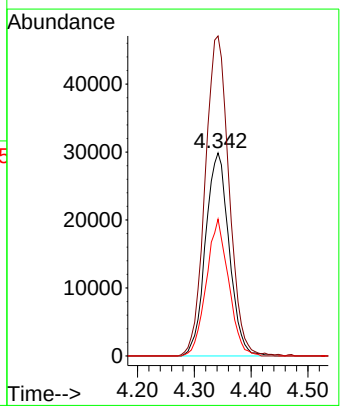


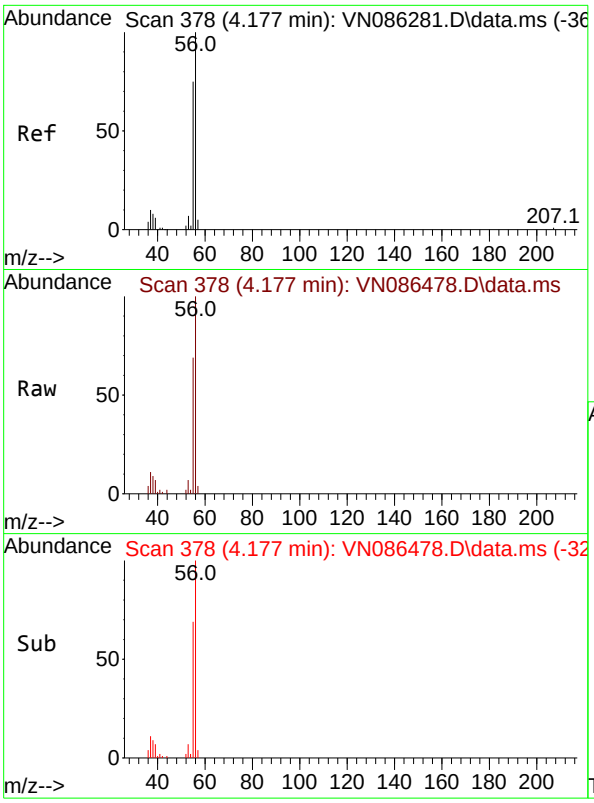


#12
1,1-Dichloroethene
Concen: 47.361 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 96 Resp: 86114

Ion	Ratio	Lower	Upper
96	100		
61	157.6	126.6	189.8
98	67.4	49.6	74.4

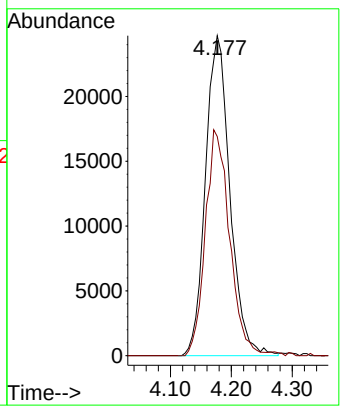




#13
Acrolein
Concen: 368.613 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 56 Resp: 6889

Ion	Ratio	Lower	Upper
56	100		
55	69.9	58.5	87.7



Instrument :
MSVOA_N
ClientSampleId :
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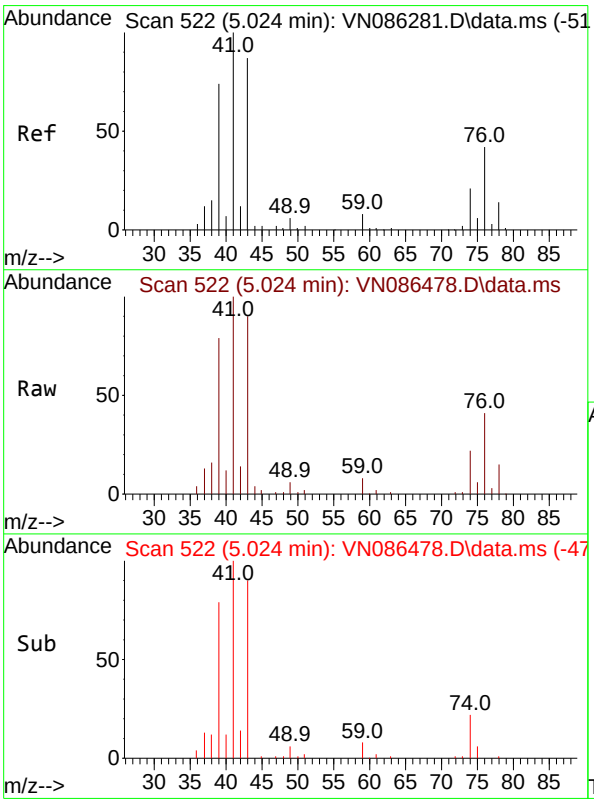
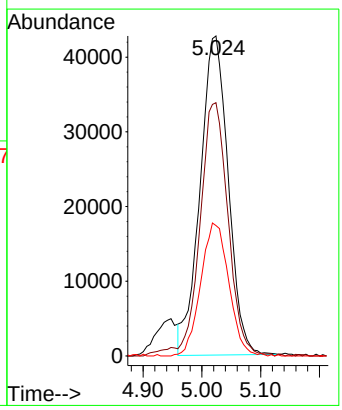
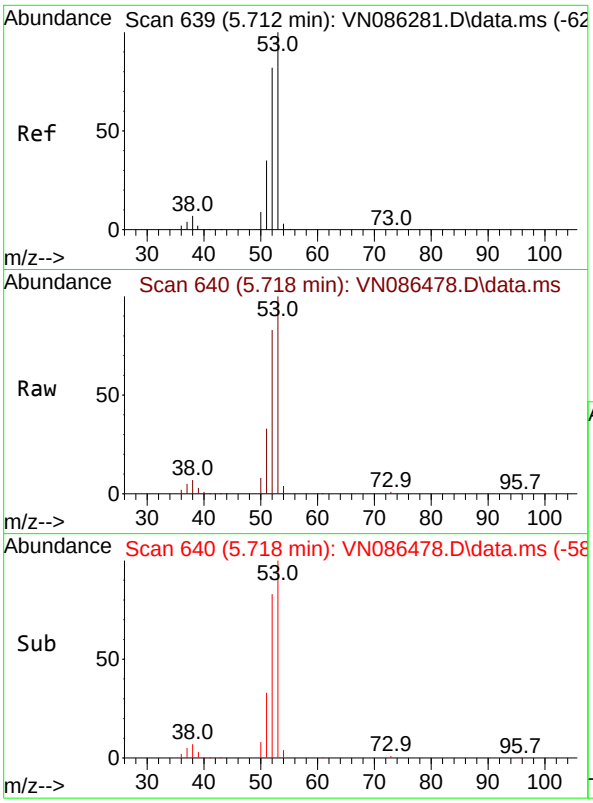


#14
Allyl chloride
Concen: 43.937 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 41 Resp: 142017

Ion	Ratio	Lower	Upper
41	100		
39	79.8	59.2	88.8
76	41.6	31.2	46.8





#15
Acrylonitrile
Concen: 268.011 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 53 Resp: 27080

Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.8	28.6	42.8

Instrument :
MSVOA_N
ClientSampleId :
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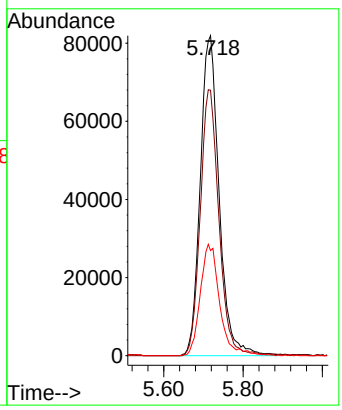
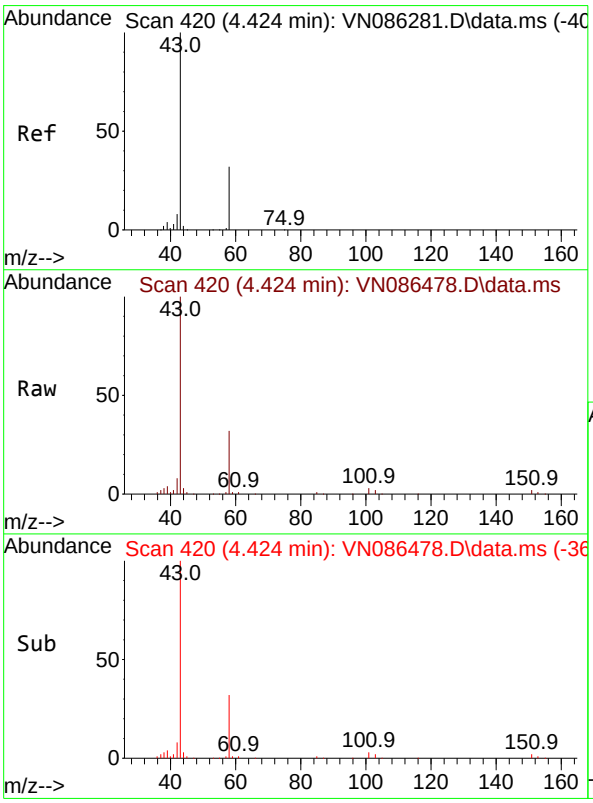
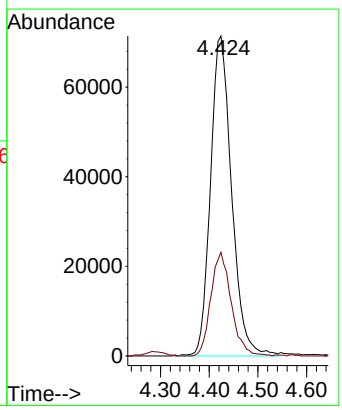


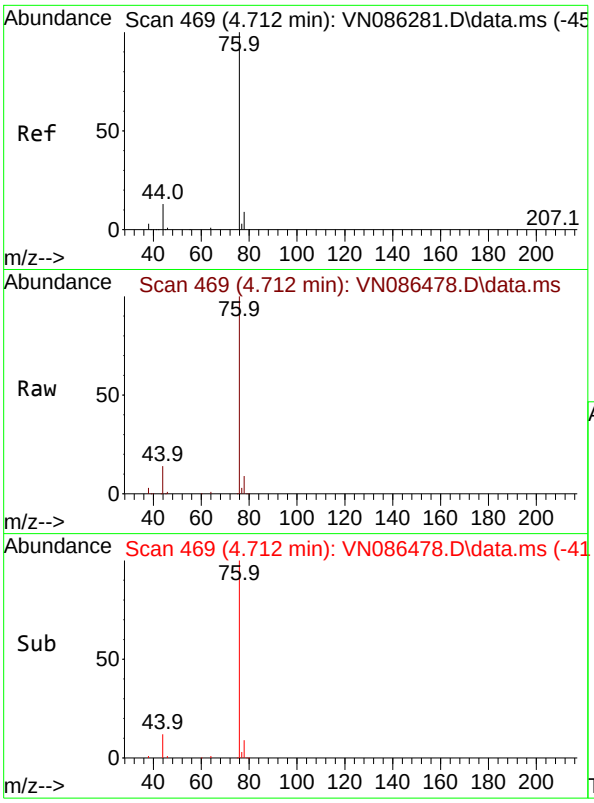


#16
Acetone
Concen: 278.344 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 215081

Ion	Ratio	Lower	Upper
43	100		
58	32.4	25.3	37.9

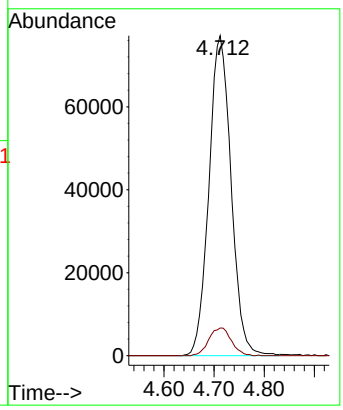




#17
Carbon Disulfide
Concen: 43.485 ug/l
RT: 4.712 min Scan# 4
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 76 Resp: 23674

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.6	11.4



Instrument :
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ClientSampleId :
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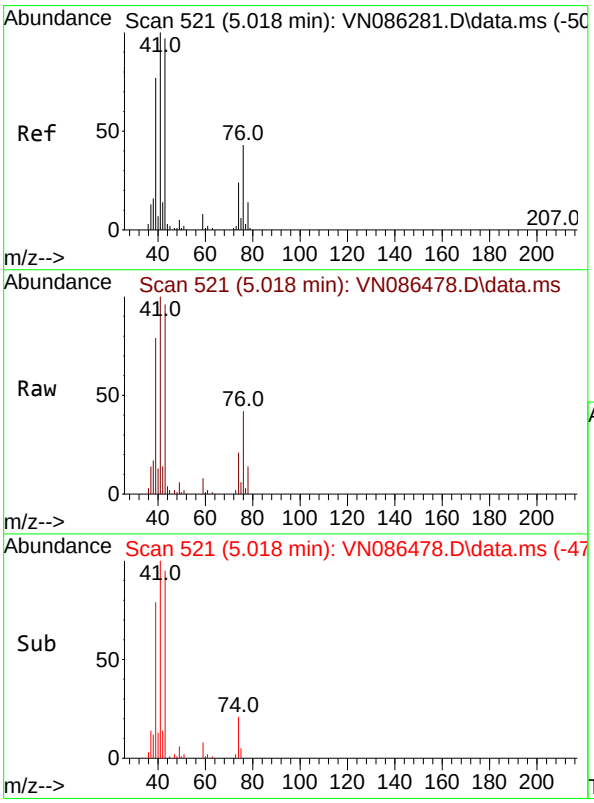
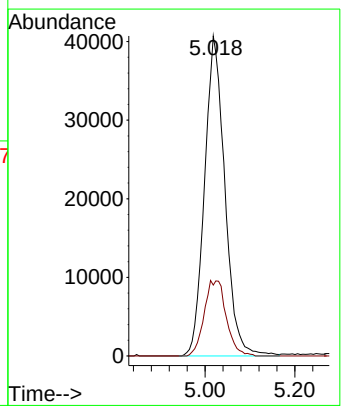
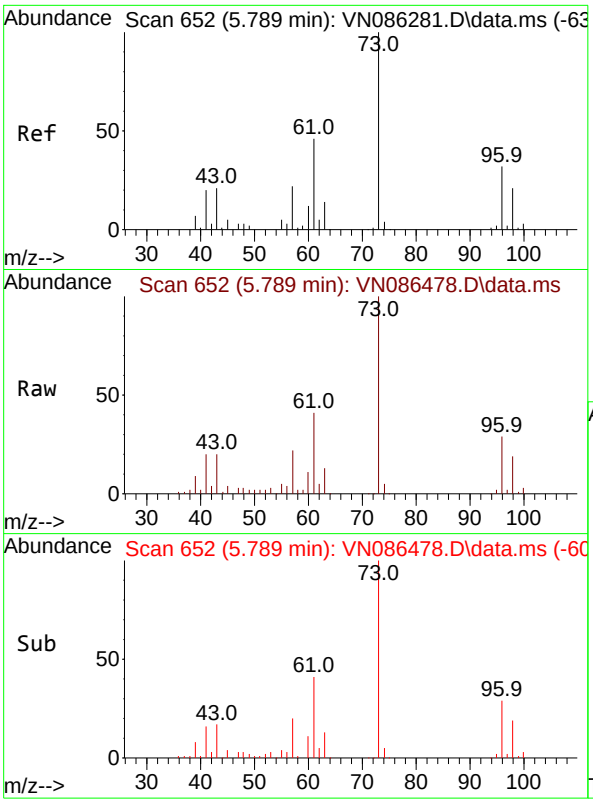


#18
Methyl Acetate
Concen: 47.670 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 128186

Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.8	29.6





#19
Methyl tert-butyl Ether
Concen: 54.536 ug/l
RT: 5.789 min Scan# 6
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 73 Resp: 36451

Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.6	26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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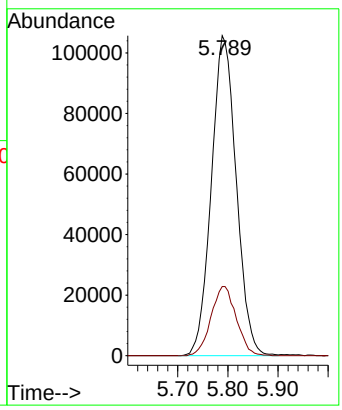
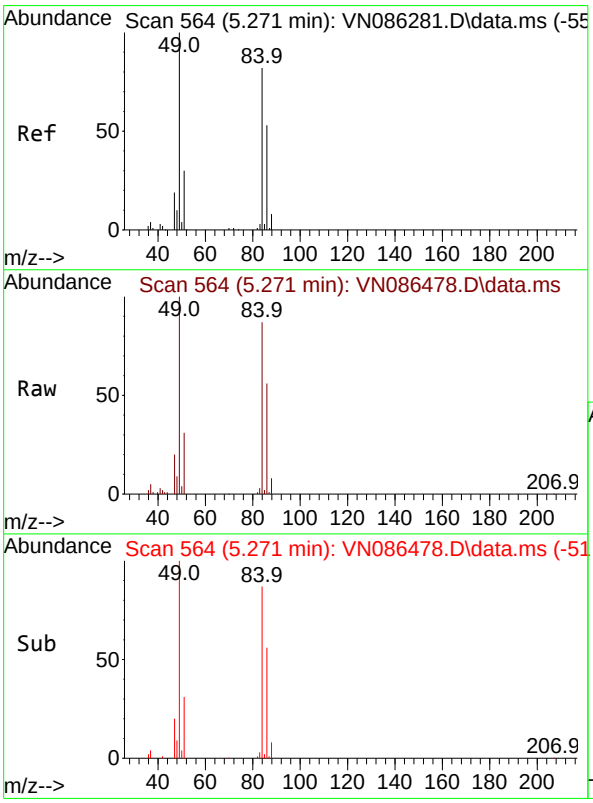
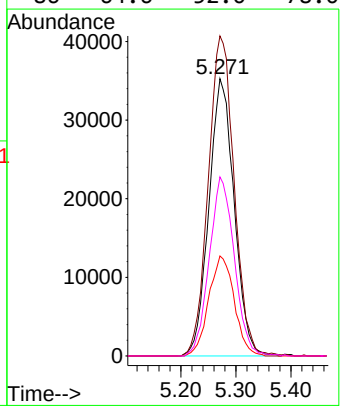


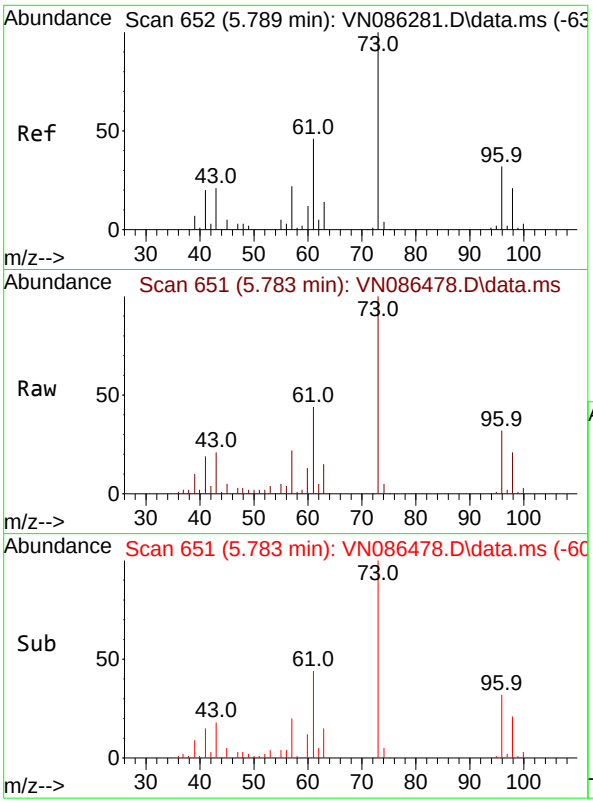


#20
Methylene Chloride
Concen: 54.360 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 84 Resp: 112578

Ion	Ratio	Lower	Upper
84	100		
49	115.4	98.2	147.2
51	36.0	29.8	44.6
86	64.6	52.0	78.0





#21
trans-1,2-Dichloroethene
Concen: 51.375 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 96 Resp: 9766

Ion	Ratio	Lower	Upper
96	100		
61	138.7	114.6	171.8
98	64.7	51.2	76.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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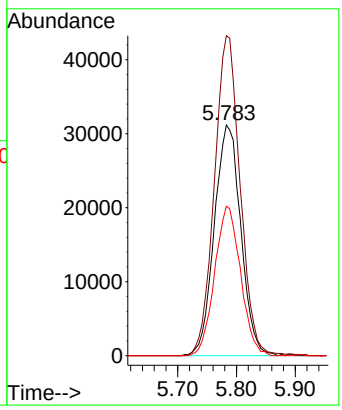
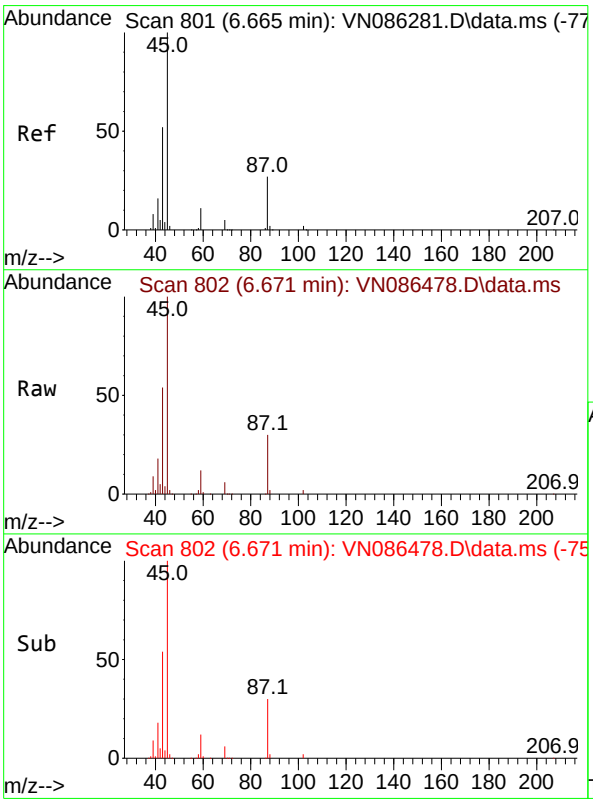
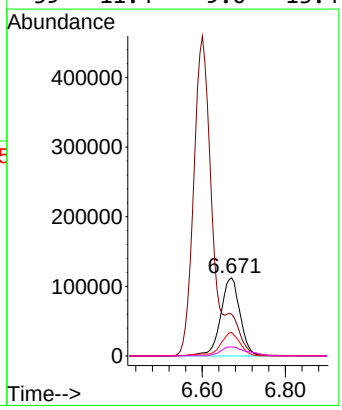


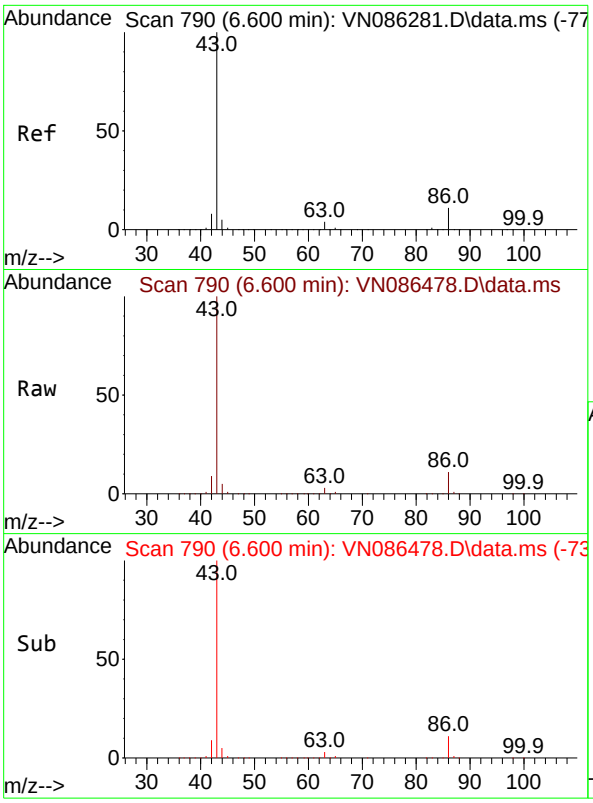


#22
Diisopropyl ether
Concen: 51.747 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 45 Resp: 363854

Ion	Ratio	Lower	Upper
45	100		
43	52.9	41.8	62.8
87	30.2	21.6	32.4
59	11.4	9.0	13.4

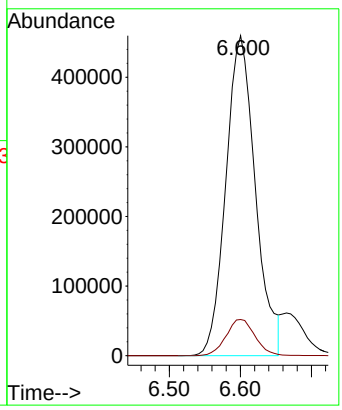




#23
Vinyl Acetate
Concen: 270.668 ug/l
RT: 6.600 min Scan# 7
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 133042

Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
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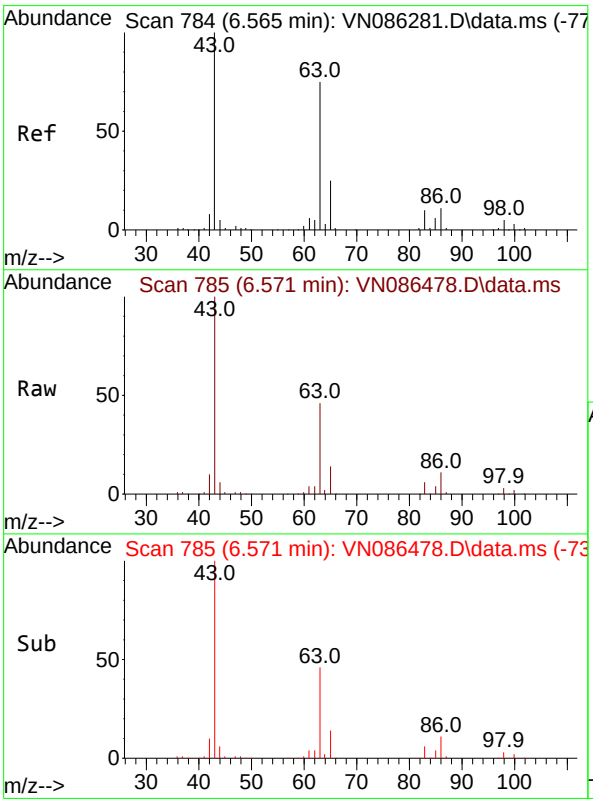
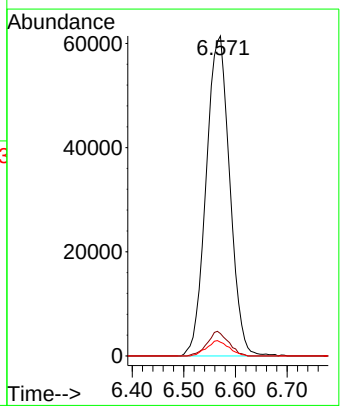
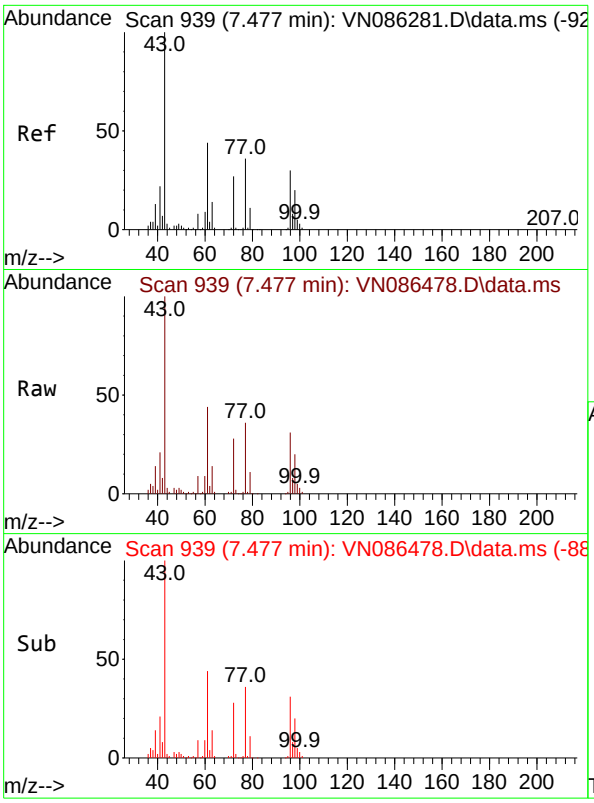


#24
1,1-Dichloroethane
Concen: 52.430 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 63 Resp: 194515

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.4	10.2
100	4.3	2.1	6.5





#25
2-Butanone
Concen: 260.025 ug/l
RT: 7.477 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 36257

Ion	Ratio	Lower	Upper
43	100		
72	28.1	21.7	32.5

Instrument :
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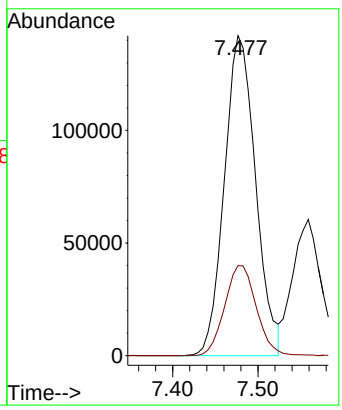
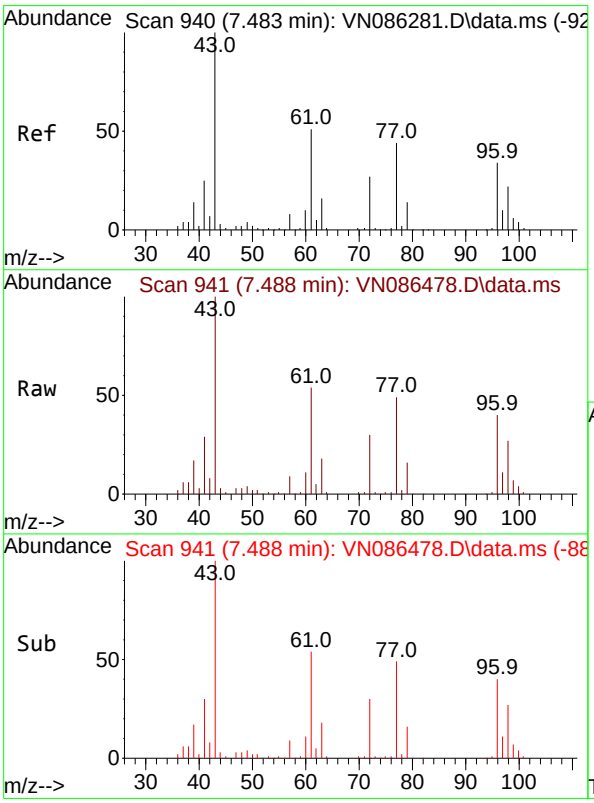
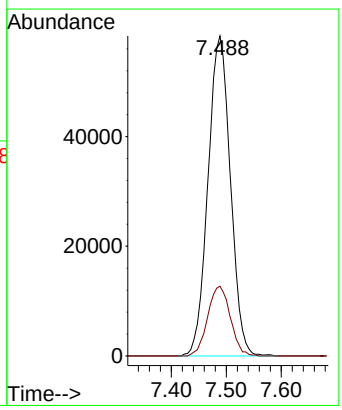


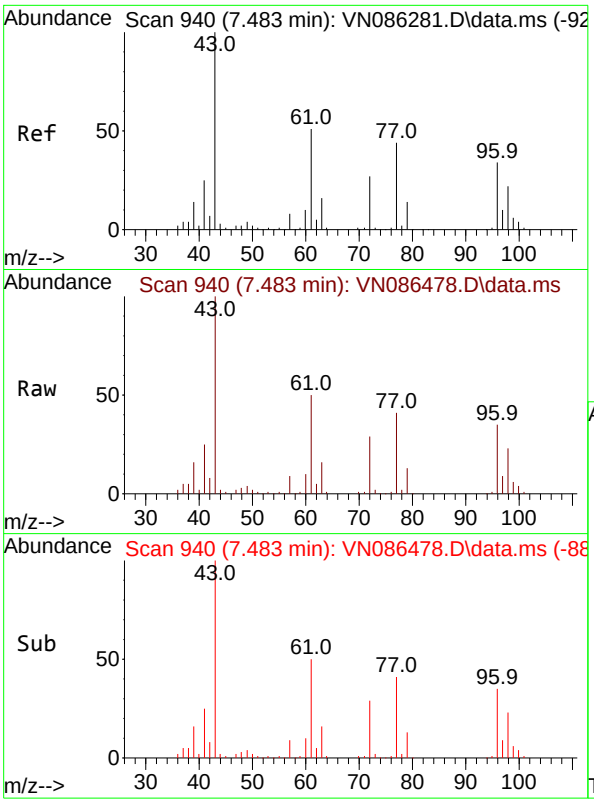


#26
2,2-Dichloropropane
Concen: 49.713 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 77 Resp: 165135

Ion	Ratio	Lower	Upper
77	100		
97	22.0	11.2	33.5





#27
cis-1,2-Dichloroethene
Concen: 54.294 ug/l
RT: 7.483 min Scan# 94
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 96 Resp: 12810

Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	299.0
98	66.1	0.0	129.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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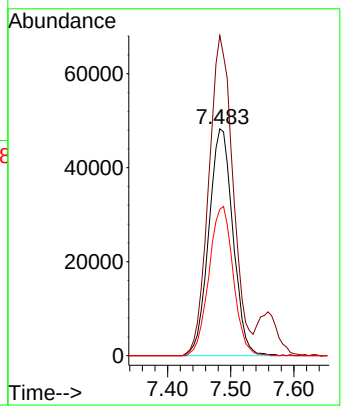
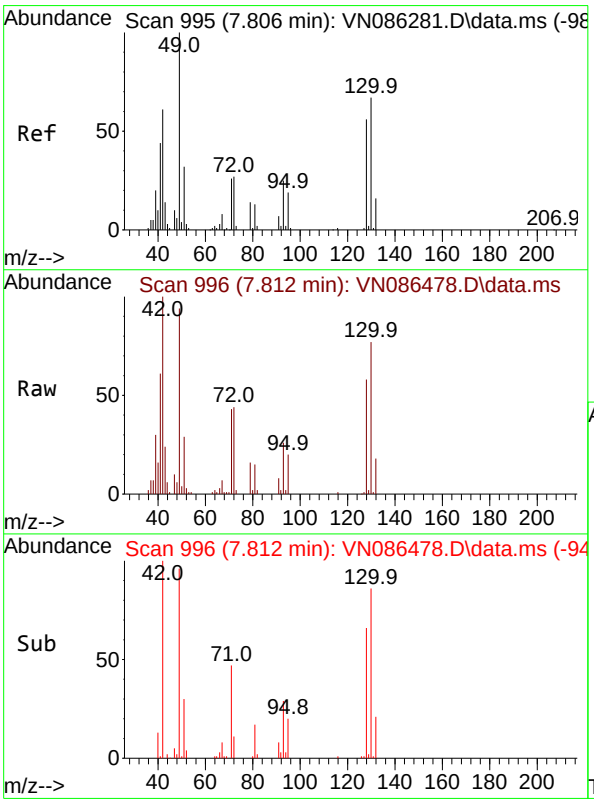
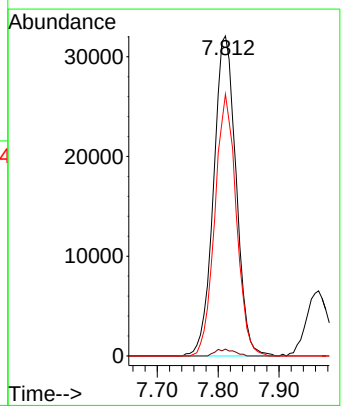


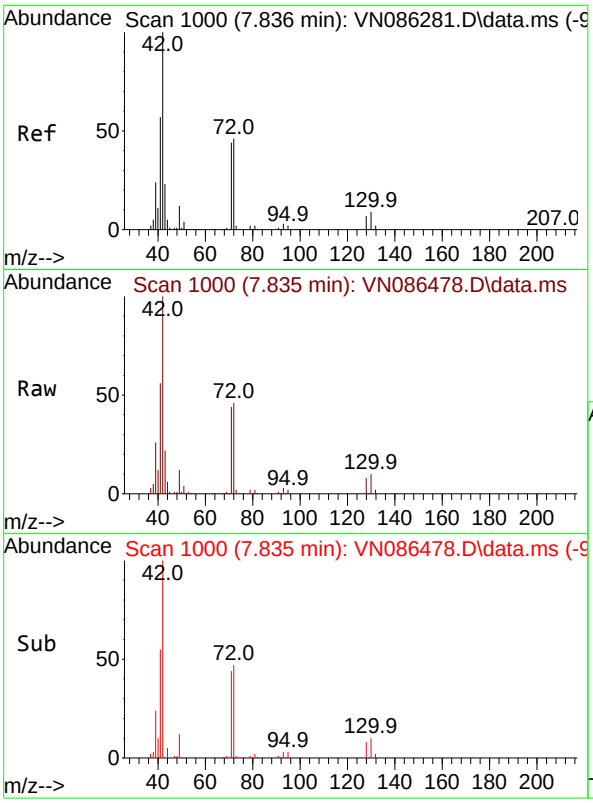


#28
Bromochloromethane
Concen: 52.359 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 49 Resp: 82364

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	77.7	57.1	85.7





#29
Tetrahydrofuran
Concen: 257.870 ug/l
RT: 7.835 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 42 Resp: 24044

Ion	Ratio	Lower	Upper
42	100		
72	47.0	36.2	54.4
71	44.6	34.0	51.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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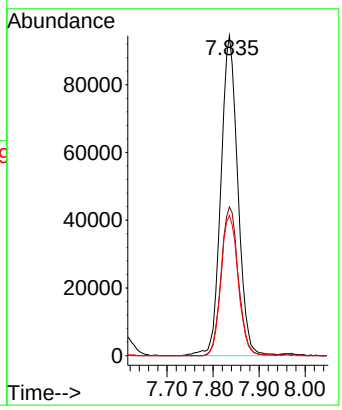
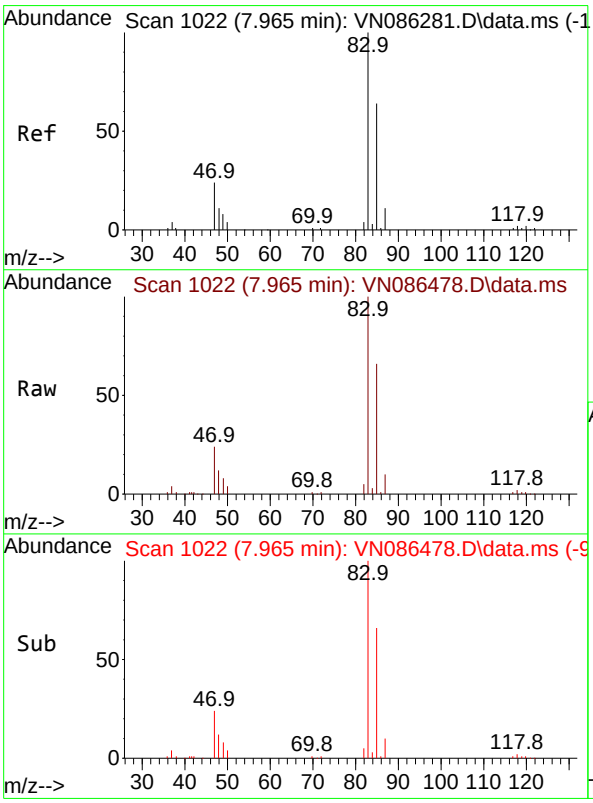
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

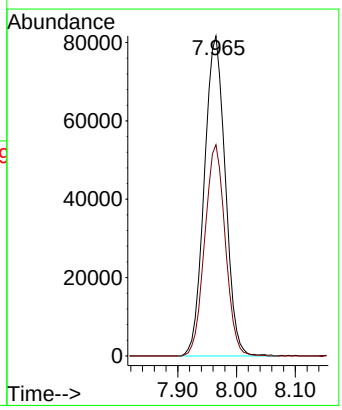


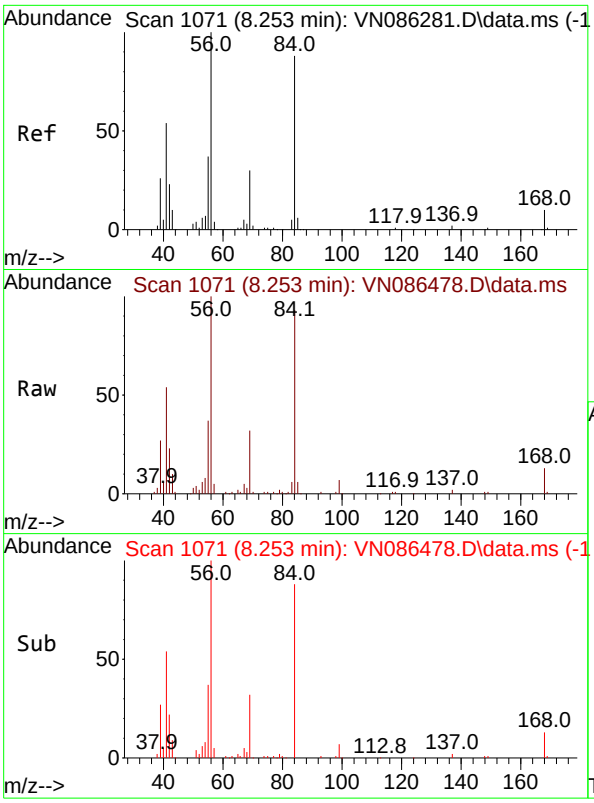


#30
Chloroform
Concen: 55.364 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 83 Resp: 201773

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.5	77.3





#31
Cyclohexane
Concen: 42.503 ug/l
RT: 8.253 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 56 Resp: 15430

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.2	36.2
84	91.7	70.3	105.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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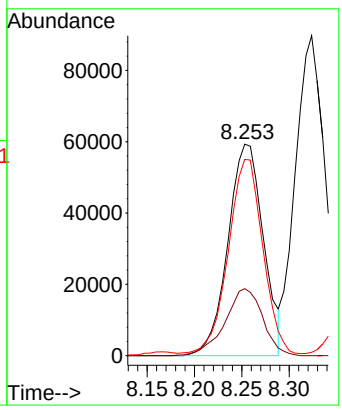
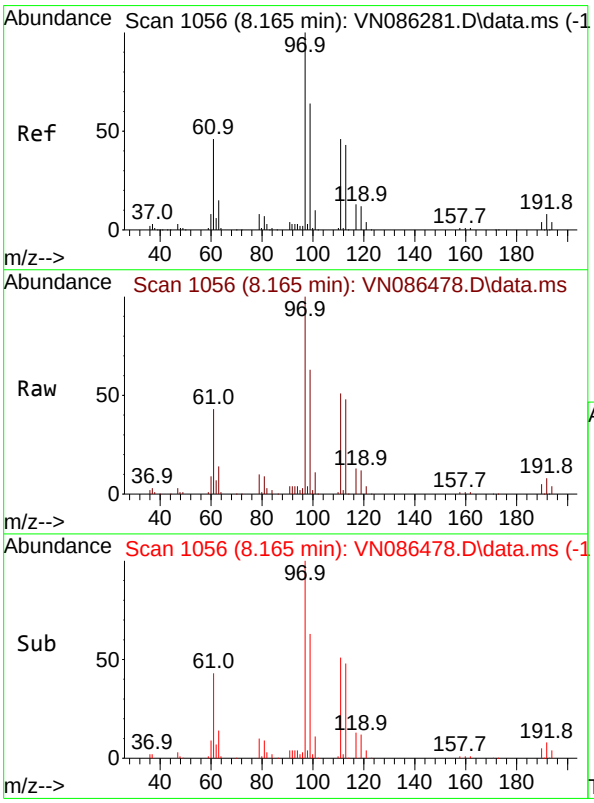
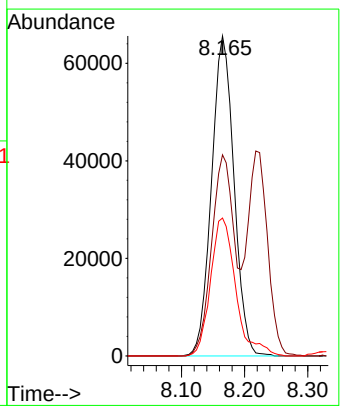


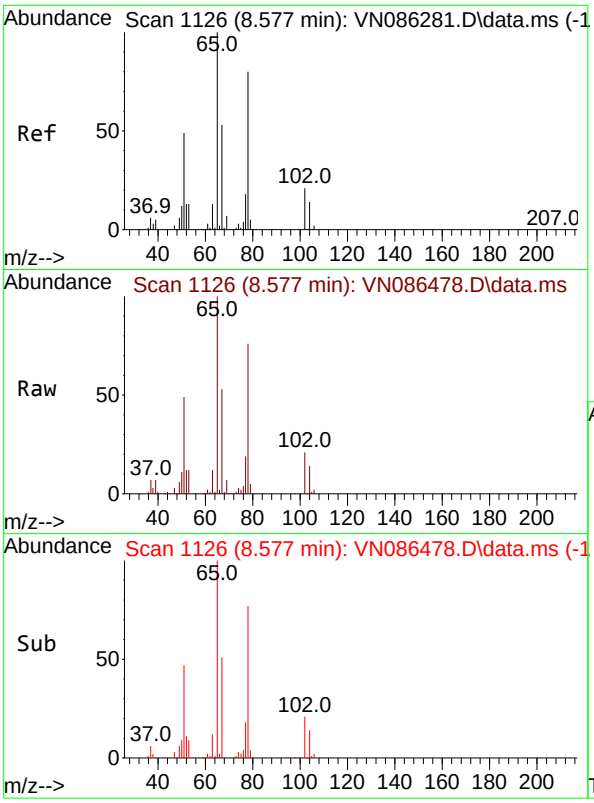


#32
1,1,1-Trichloroethane
Concen: 51.955 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 97 Resp: 161979

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.7	79.1
61	48.5	39.5	59.3

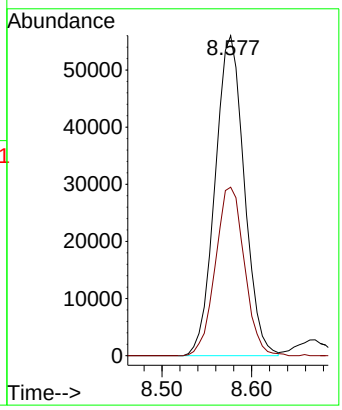




#33
1,2-Dichloroethane-d4
Concen: 56.310 ug/l
RT: 8.577 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 65 Resp: 12614

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	106.0



Instrument :
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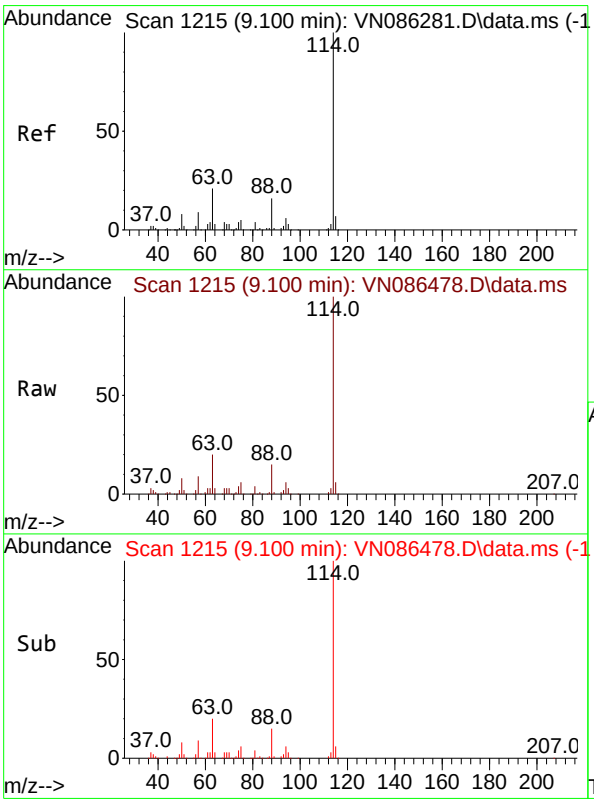
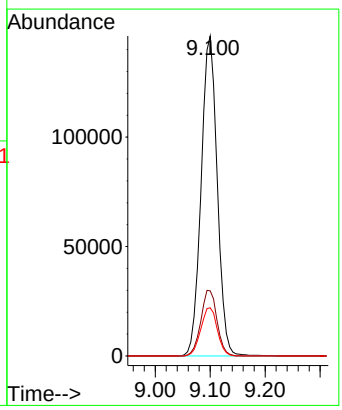
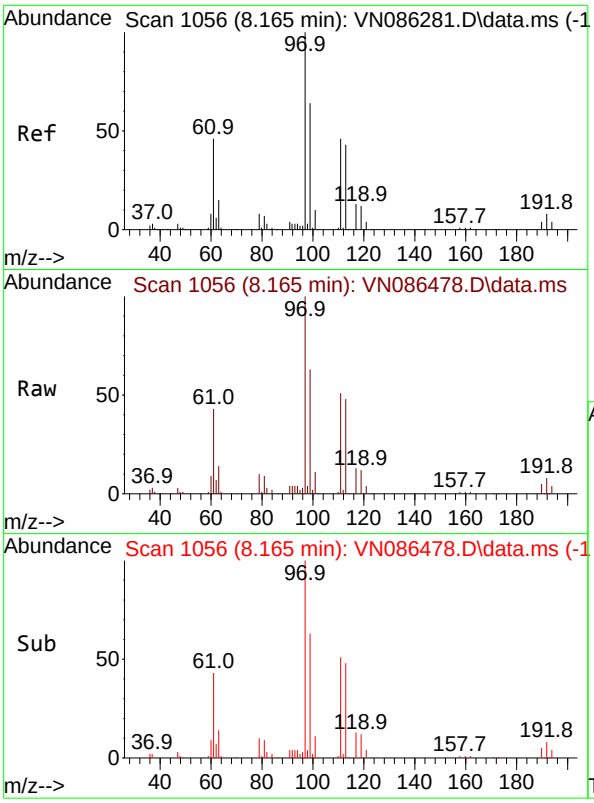


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:114 Resp: 297307

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.6
88	15.0	0.0	31.8

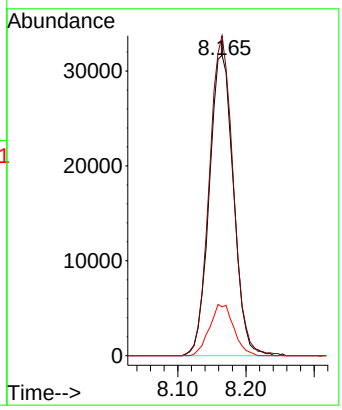




#35
Dibromofluoromethane
Concen: 56.788 ug/l
RT: 8.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:113 Resp: 7835

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.0
192	17.0	13.7	20.5



Instrument :
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ClientSampleId :
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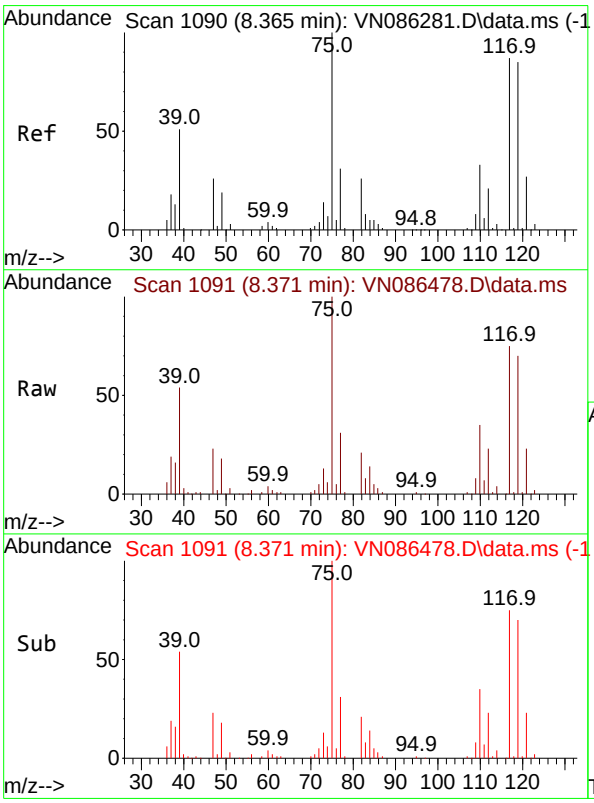
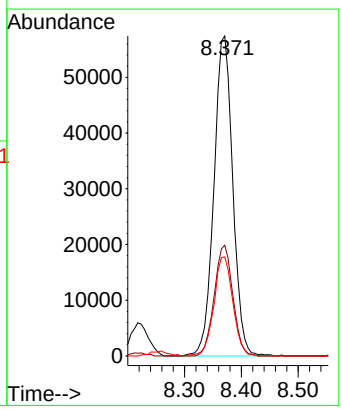
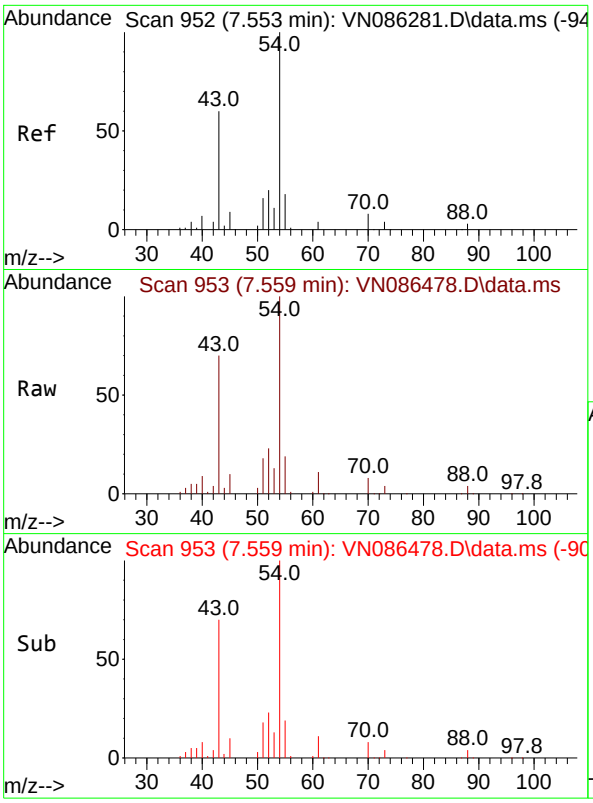


#36
1,1-Dichloropropene
Concen: 48.061 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 75 Resp: 132456

Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.8	50.4
77	31.2	24.9	37.3

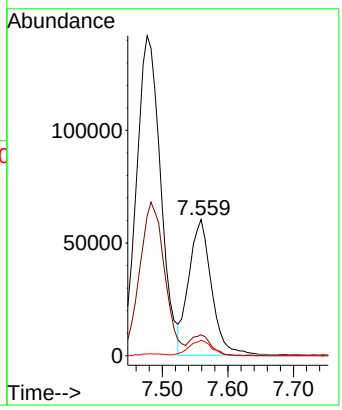




#37
Ethyl Acetate
Concen: 49.894 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 14476

Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	11.4	9.2	13.8



Instrument :
MSVOA_N
ClientSampleId :
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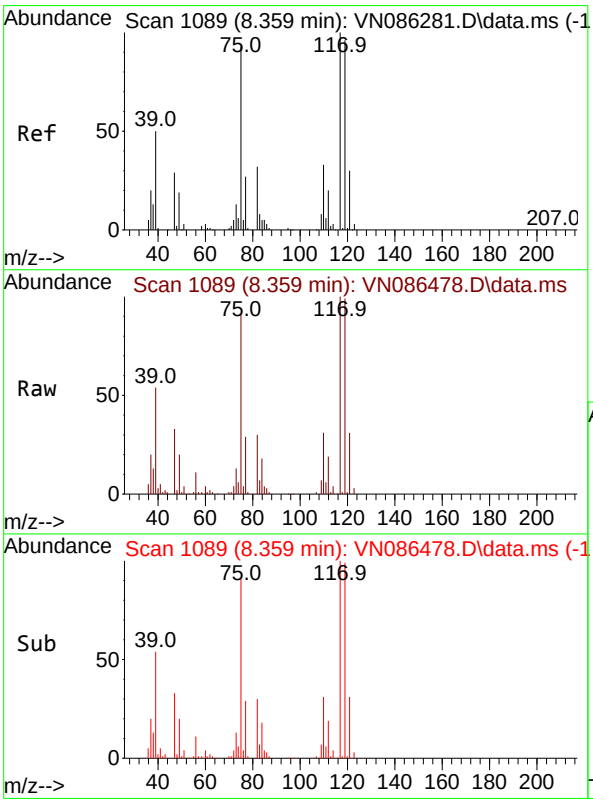
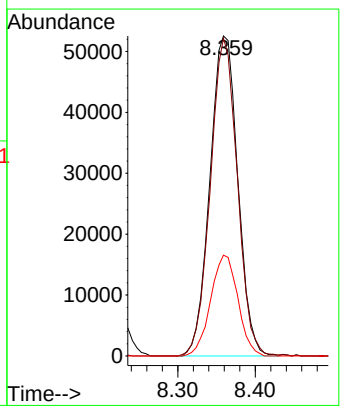
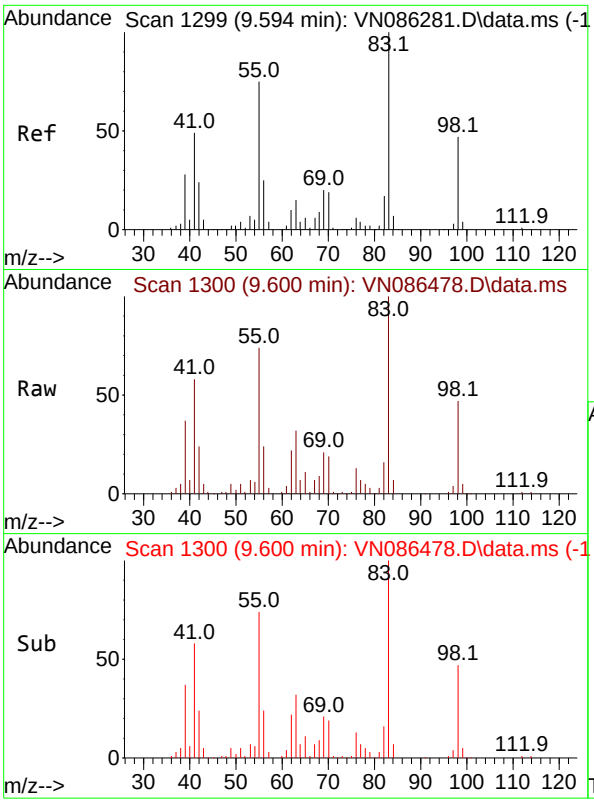


#38
Carbon Tetrachloride
Concen: 50.096 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:117 Resp: 131483

Ion	Ratio	Lower	Upper
117	100		
119	99.2	76.8	115.2
121	31.5	23.8	35.8

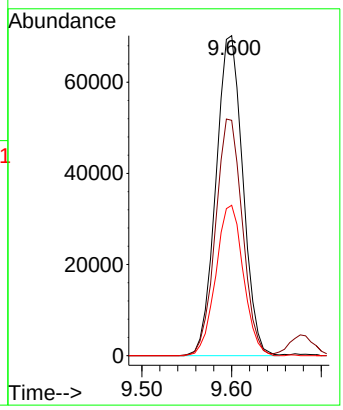




#39
Methylcyclohexane
Concen: 44.650 ug/l
RT: 9.600 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 83 Resp: 14626

Ion	Ratio	Lower	Upper
83	100		
55	73.5	59.8	89.8
98	47.0	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
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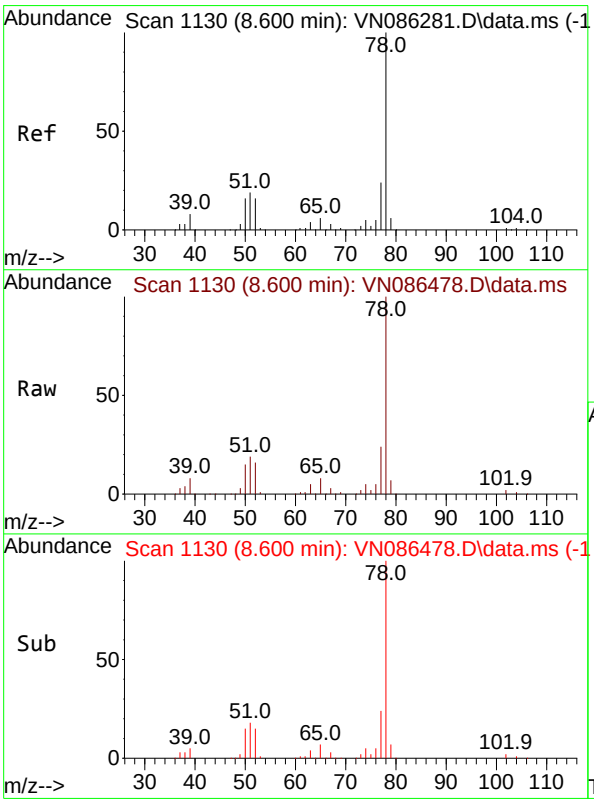
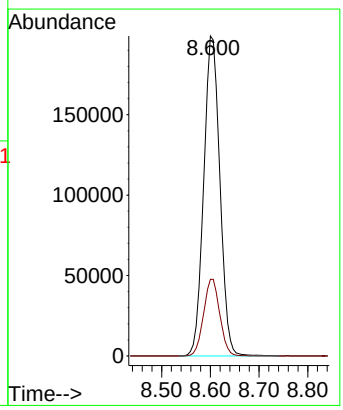
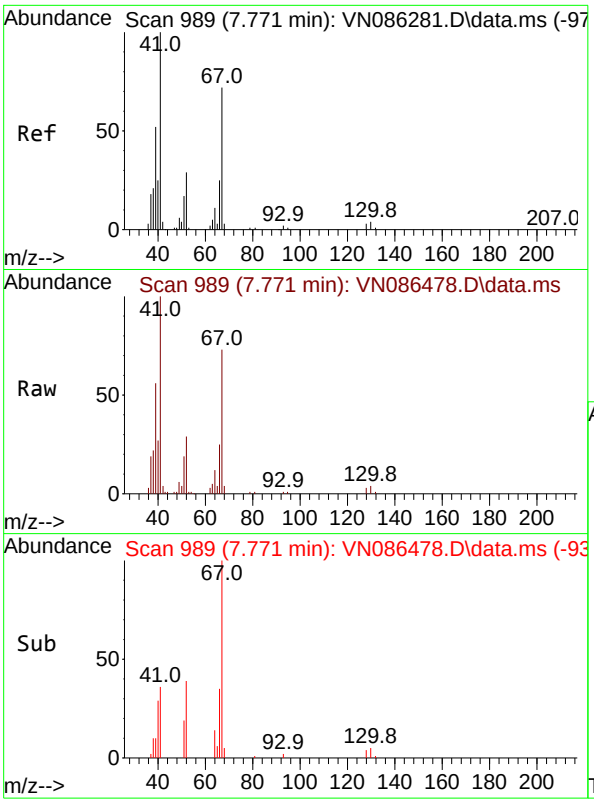


#40
Benzene
Concen: 51.877 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 78 Resp: 458081

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2

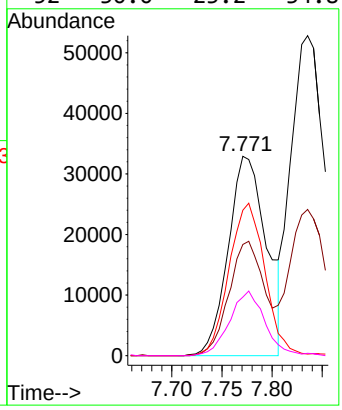




#41
Methacrylonitrile
Concen: 52.024 ug/l
RT: 7.771 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 41 Resp: 8748

Ion	Ratio	Lower	Upper
41	100		
39	52.2	43.0	64.4
67	72.3	58.8	88.2
52	30.0	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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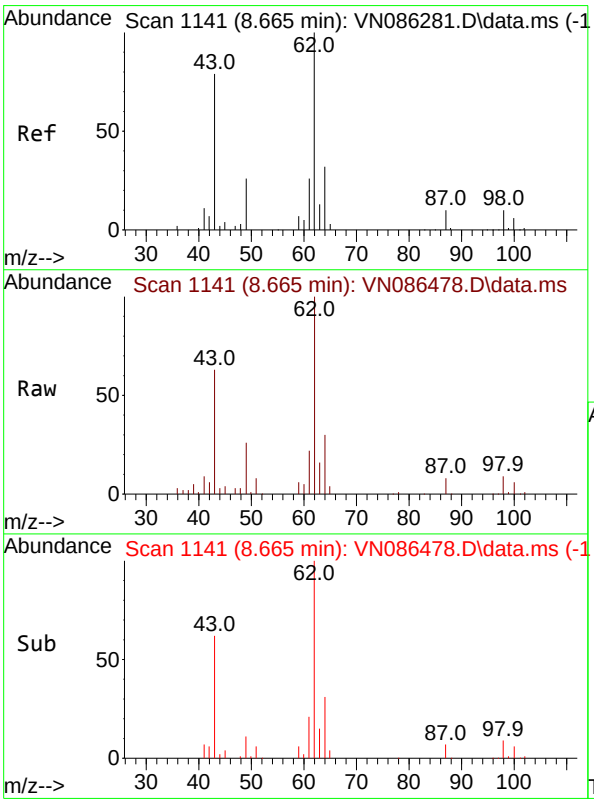
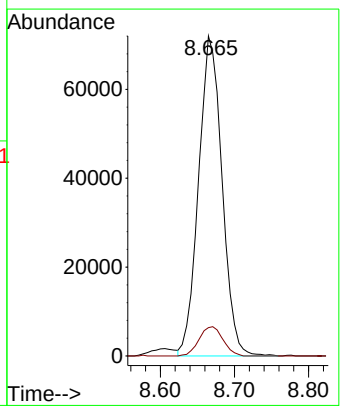
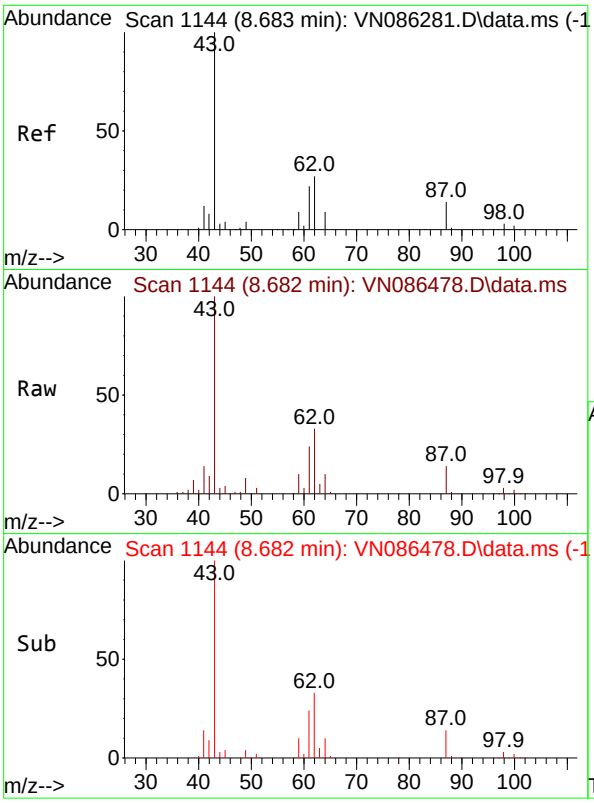


#42
1,2-Dichloroethane
Concen: 56.287 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 62 Resp: 158498

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.2





#43
Isopropyl Acetate
Concen: 54.566 ug/l
RT: 8.682 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 28161

Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.5	30.7
87	13.2	10.5	15.7

Instrument :
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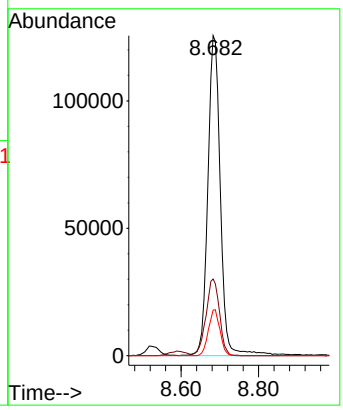
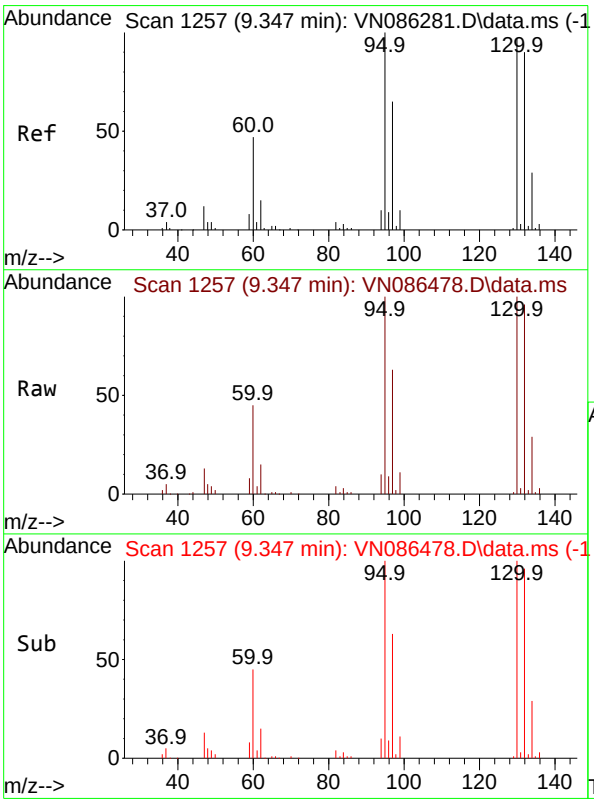
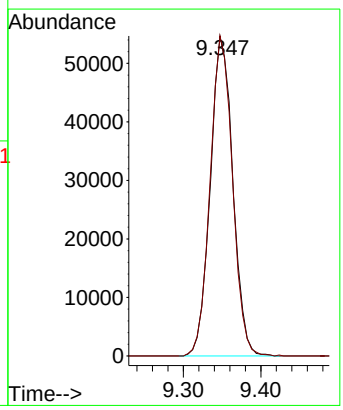


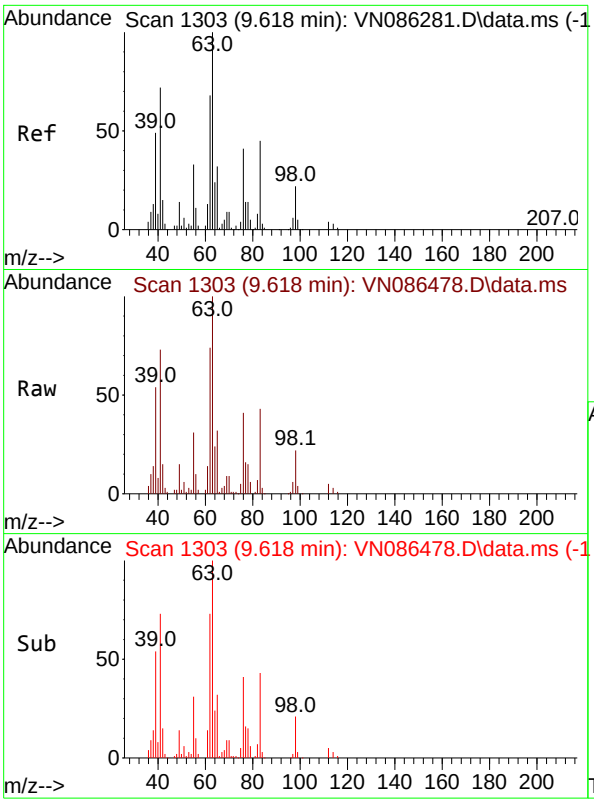


#44
Trichloroethene
Concen: 52.792 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:130 Resp: 110489

Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	207.2





#45
1,2-Dichloropropane
Concen: 52.519 ug/l
RT: 9.618 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 63 Resp: 11351

Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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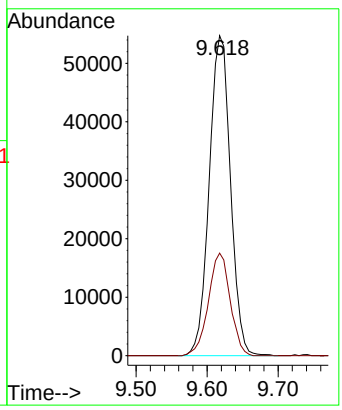
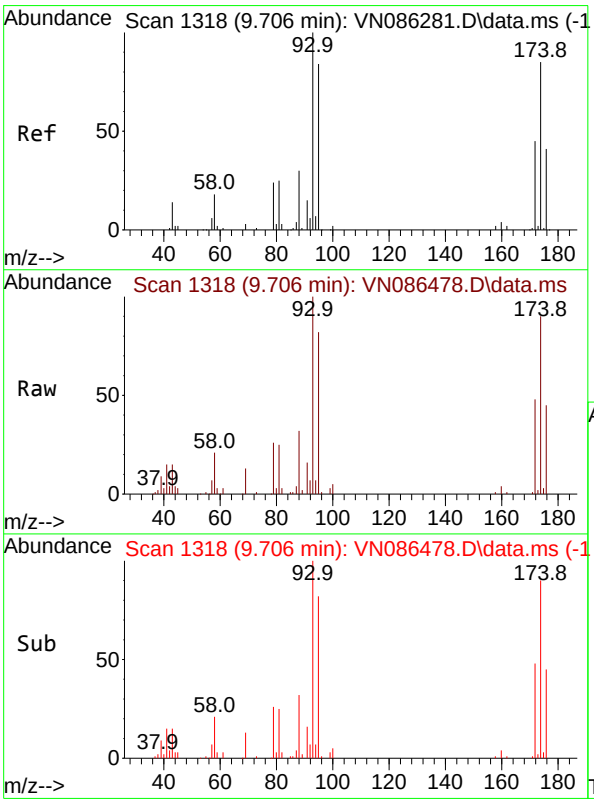
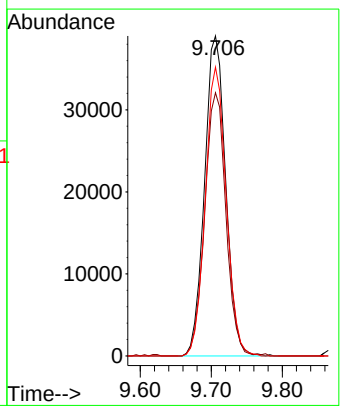


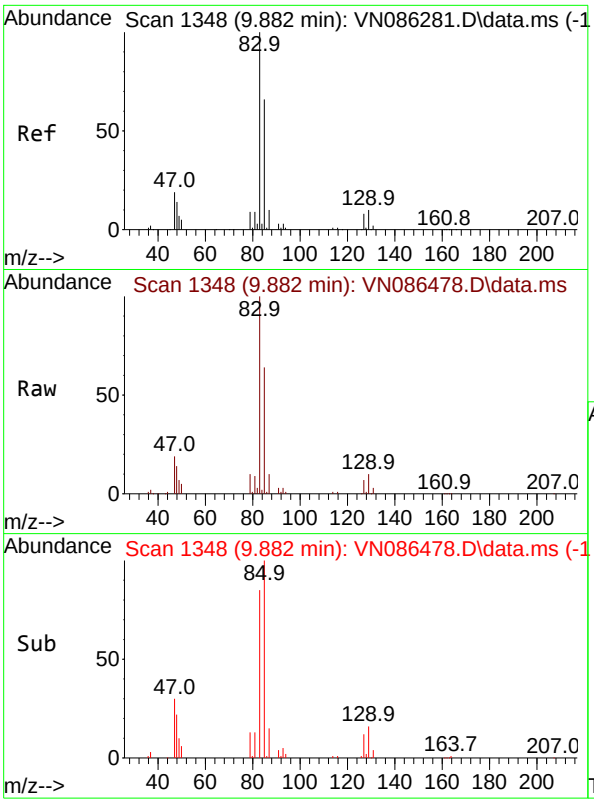


#46
Dibromomethane
Concen: 58.582 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 93 Resp: 80677

Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.2	99.4
174	89.5	67.8	101.6

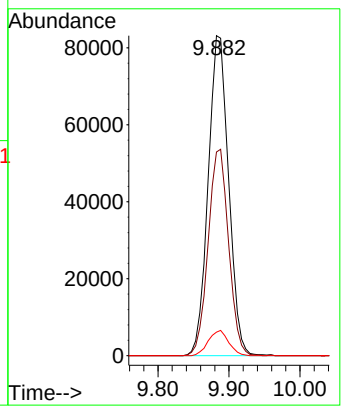




#47
Bromodichloromethane
Concen: 55.865 ug/l
RT: 9.882 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 83 Resp: 16616

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.6	78.8
127	7.4	6.1	9.1



Instrument :
MSVOA_N
ClientSampleId :
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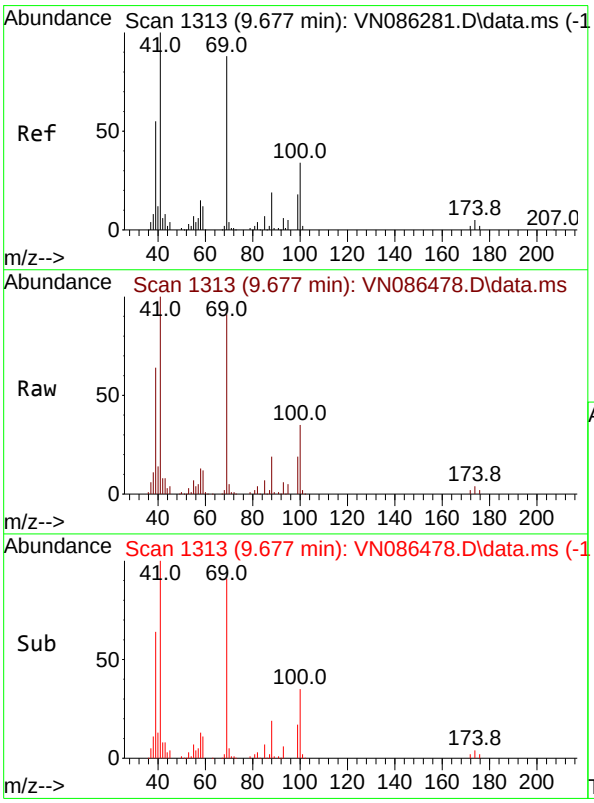
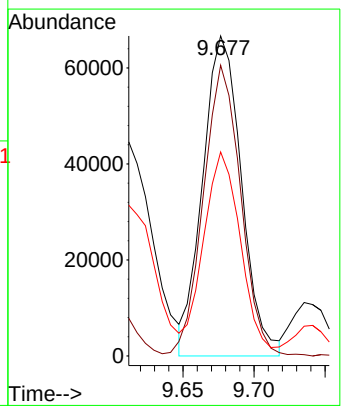
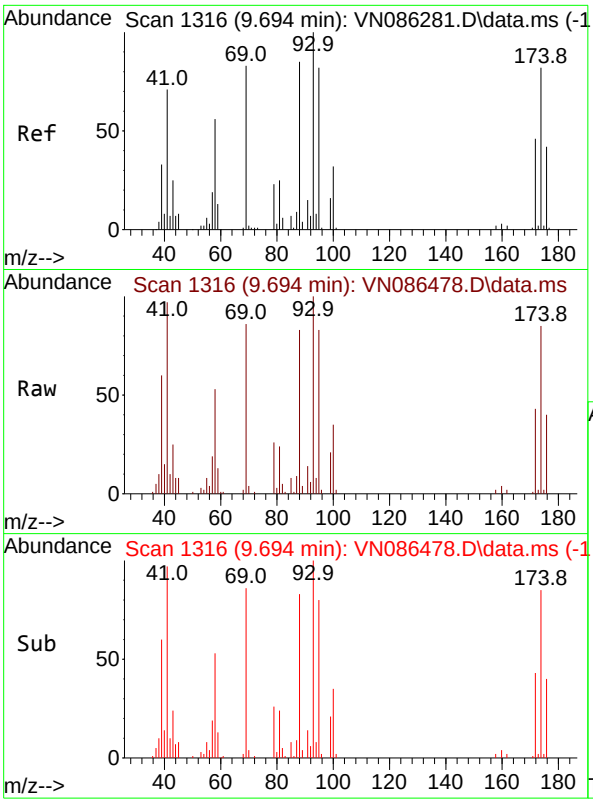


#48
Methyl methacrylate
Concen: 49.669 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 41 Resp: 126557

Ion	Ratio	Lower	Upper
41	100		
69	87.8	68.2	102.2
39	61.3	45.2	67.8

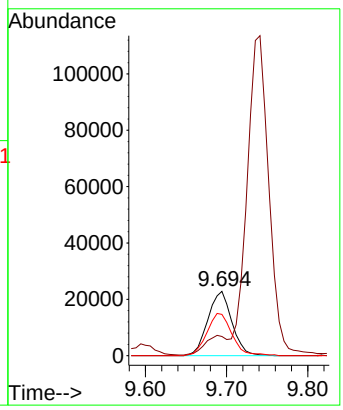




#49
1,4-Dioxane
Concen: 1080.631 ug/l
RT: 9.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 88 Resp: 4683

Ion	Ratio	Lower	Upper
88	100		
43	26.9	23.8	35.8
58	68.6	57.4	86.2



Instrument :
MSVOA_N
ClientSampleId :
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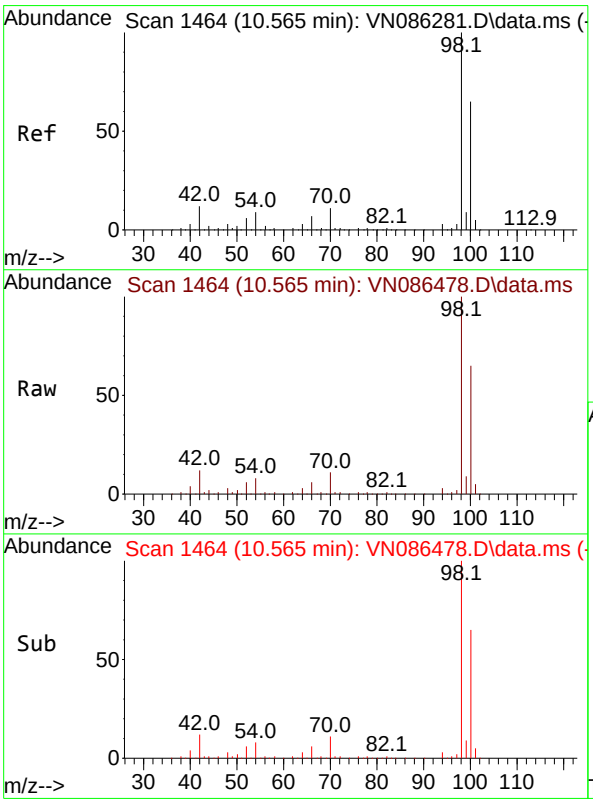
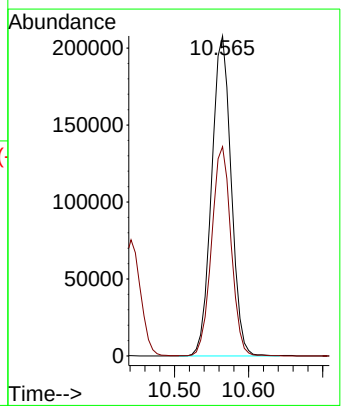
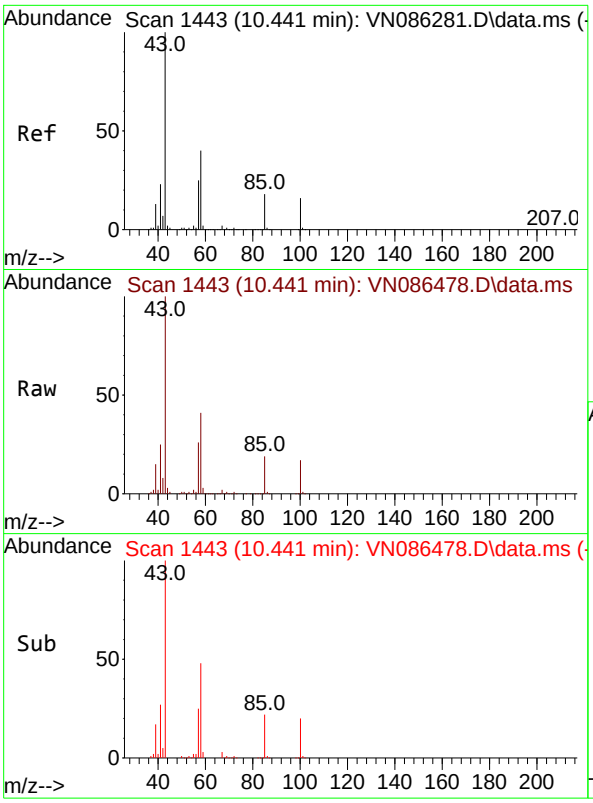


#50
Toluene-d8
Concen: 51.589 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 98 Resp: 380448

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7

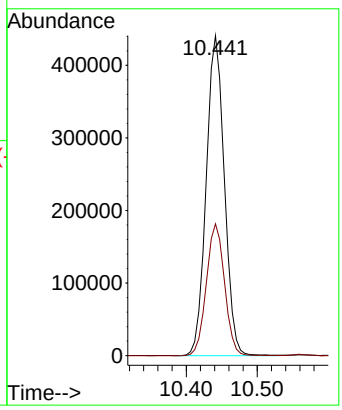




#51
4-Methyl-2-Pentanone
Concen: 263.592 ug/l
RT: 10.441 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 78317

Ion	Ratio	Lower	Upper
43	100		
58	41.3	32.2	48.4



Instrument :
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ClientSampleId :
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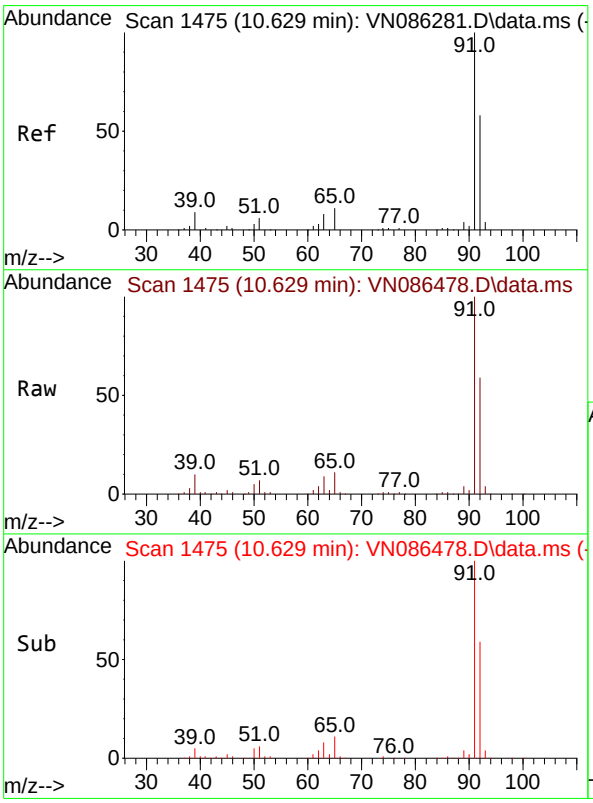
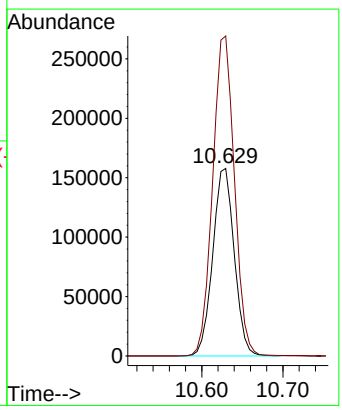
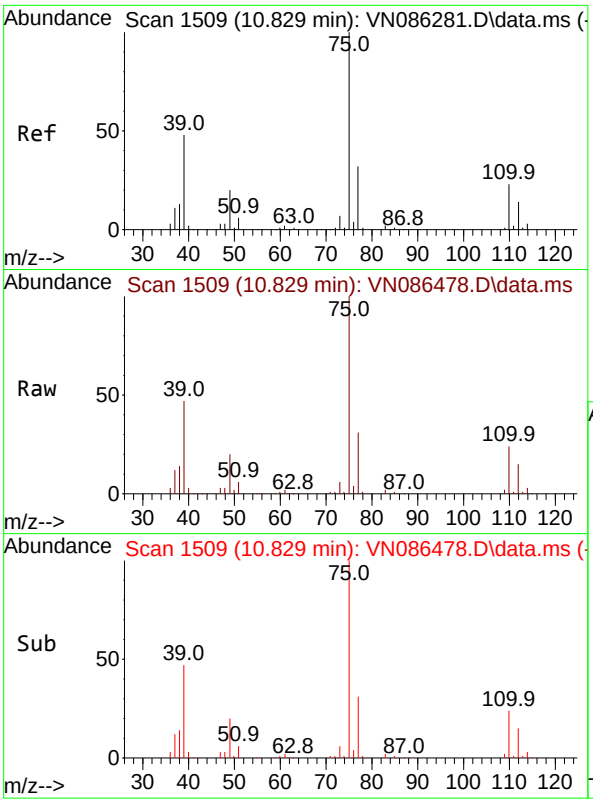


#52
Toluene
Concen: 52.807 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 92 Resp: 290954

Ion	Ratio	Lower	Upper
92	100		
91	172.6	137.3	205.9

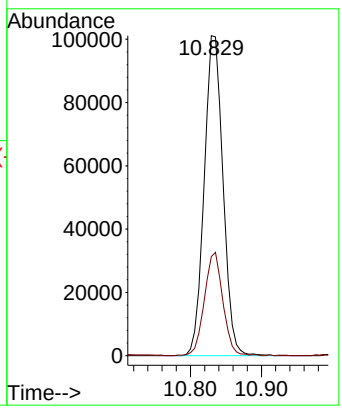




#53
t-1,3-Dichloropropene
Concen: 56.106 ug/l
RT: 10.829 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 75 Resp: 18628

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.4	38.0



Instrument :
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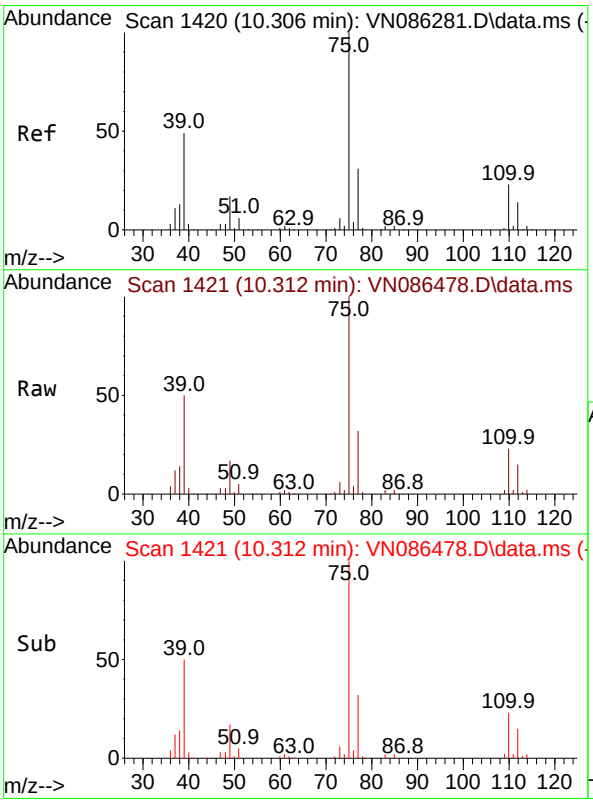
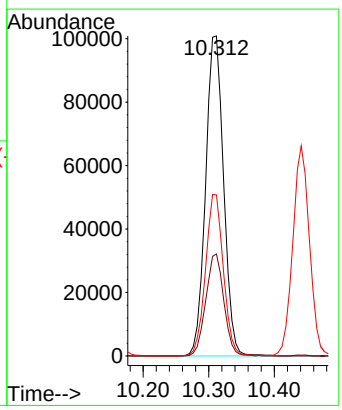
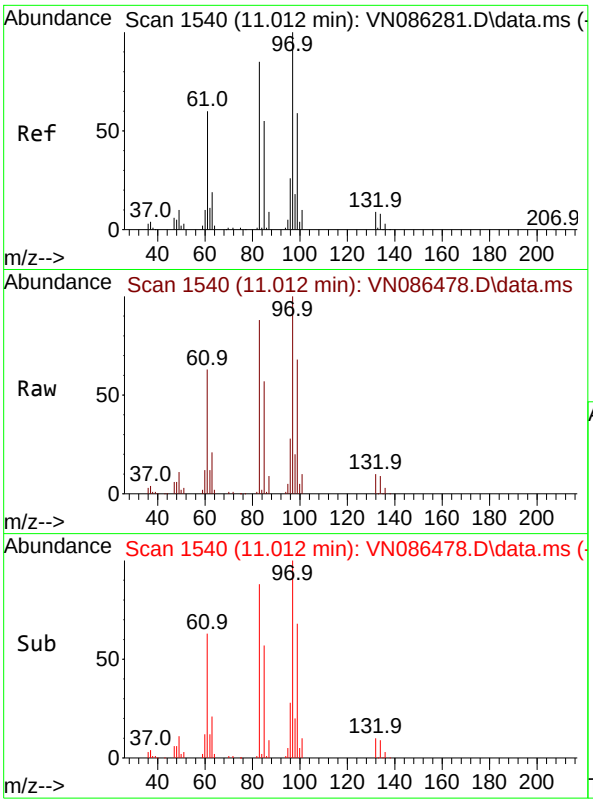


#54
cis-1,3-Dichloropropene
Concen: 52.796 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 75 Resp: 192540

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8
39	50.3	39.3	58.9

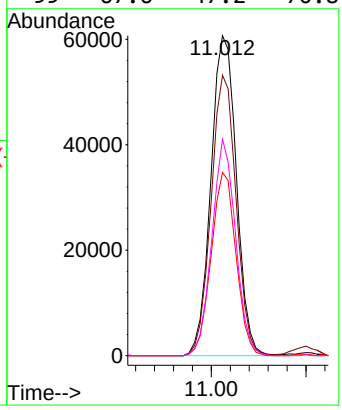




#55
1,1,2-Trichloroethane
Concen: 57.253 ug/l
RT: 11.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 97 Resp: 11349

Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.4	102.6
85	57.2	43.9	65.9
99	67.6	47.2	70.8



Instrument :
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ClientSampleId :
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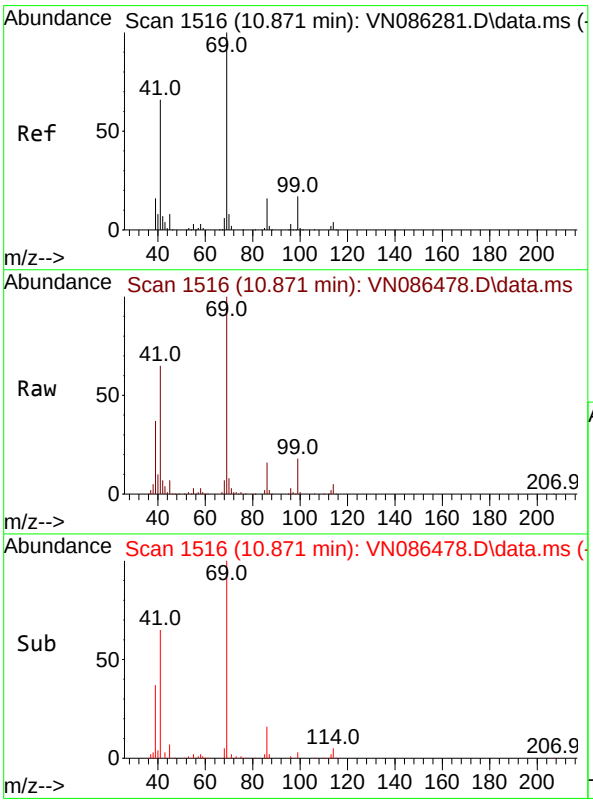
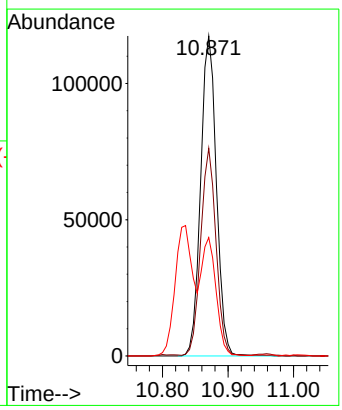
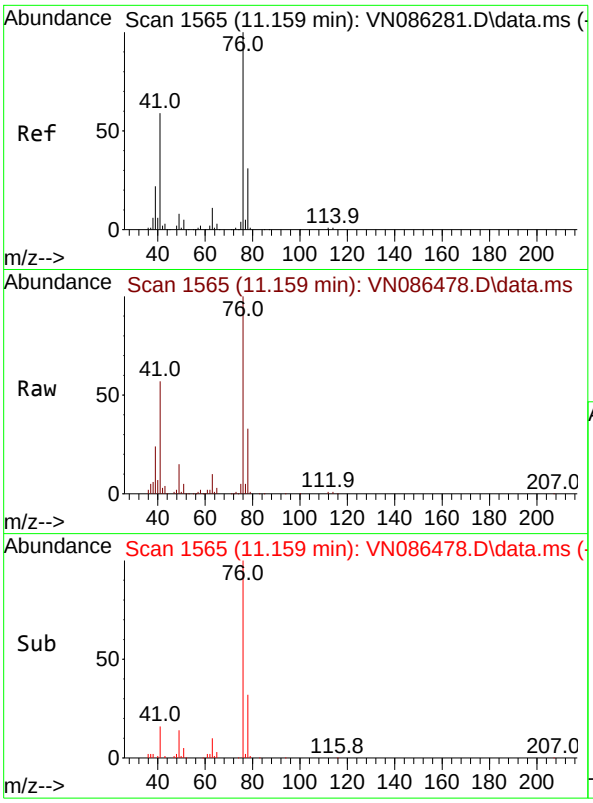


#56
Ethyl methacrylate
Concen: 53.899 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 69 Resp: 196399

Ion	Ratio	Lower	Upper
69	100		
41	62.8	51.7	77.5
39	34.1	26.3	39.5





#57
1,3-Dichloropropane
Concen: 56.016 ug/l
RT: 11.159 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 76 Resp: 19701

Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.6	38.4

Instrument :
MSVOA_N
ClientSampleId :
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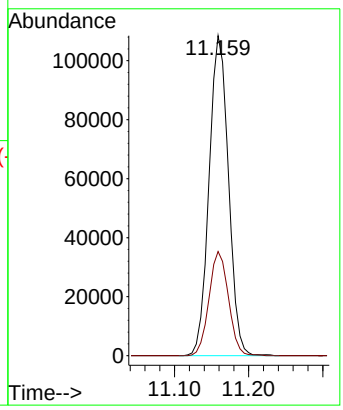
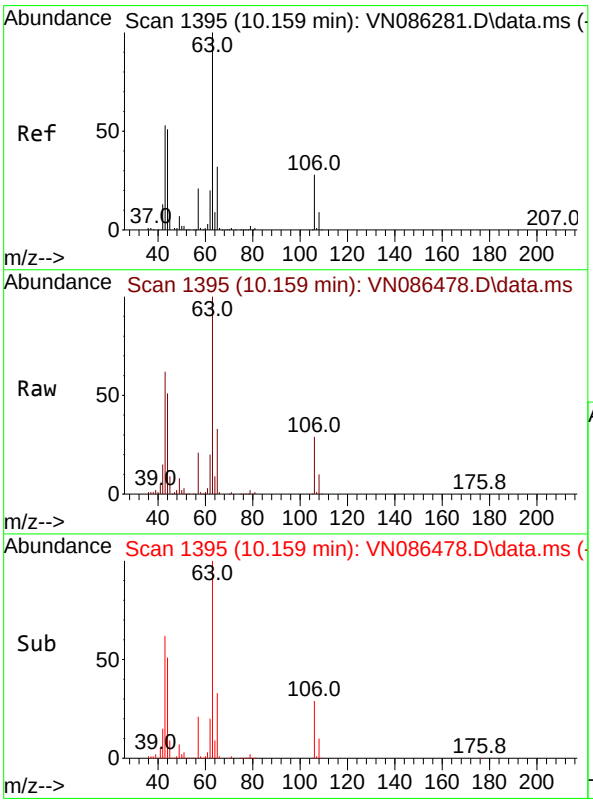
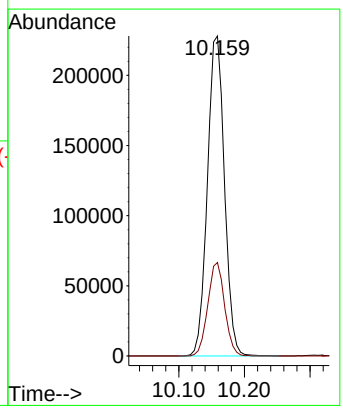


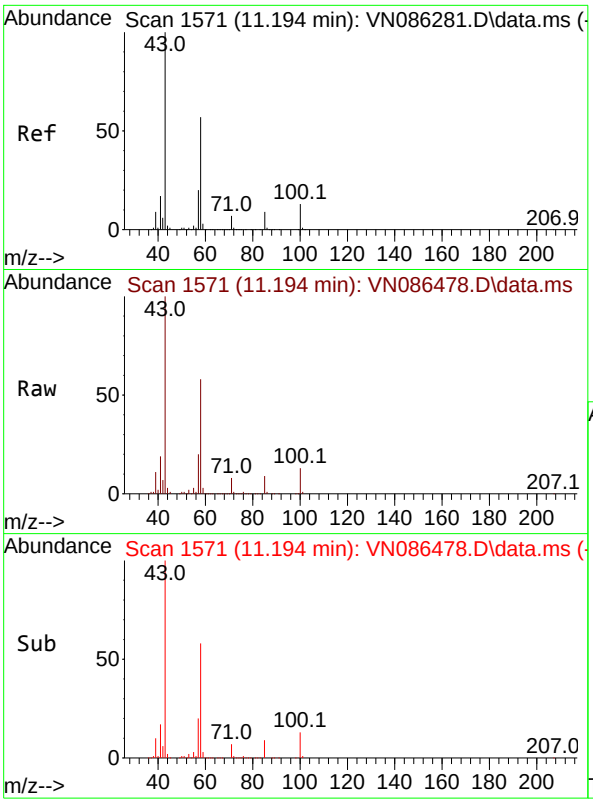


#58
2-Chloroethyl Vinyl ether
Concen: 238.408 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 63 Resp: 412328

Ion	Ratio	Lower	Upper
63	100		
106	28.8	22.2	33.2





#59
2-Hexanone
Concen: 261.423 ug/l
RT: 11.194 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 57612

Ion	Ratio	Lower	Upper
43	100		
58	57.1	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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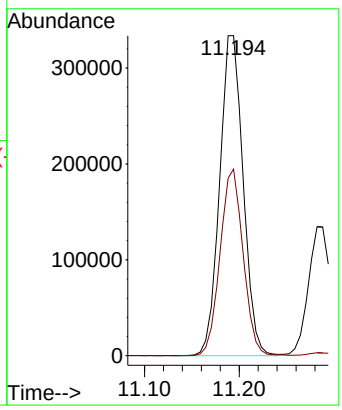
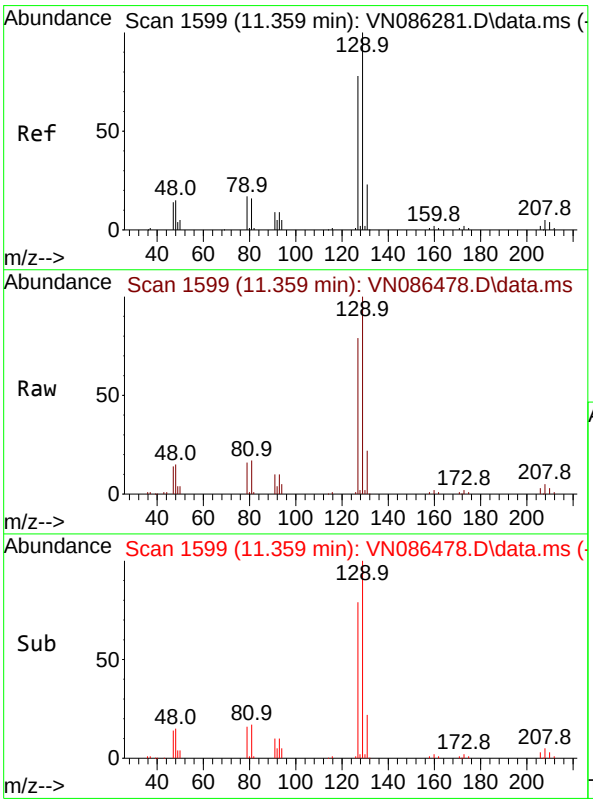
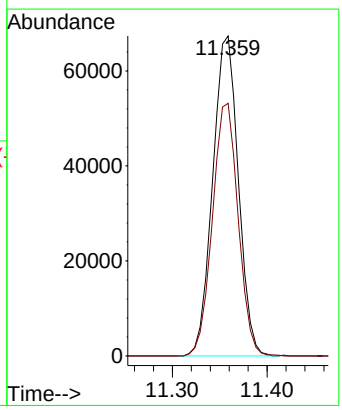


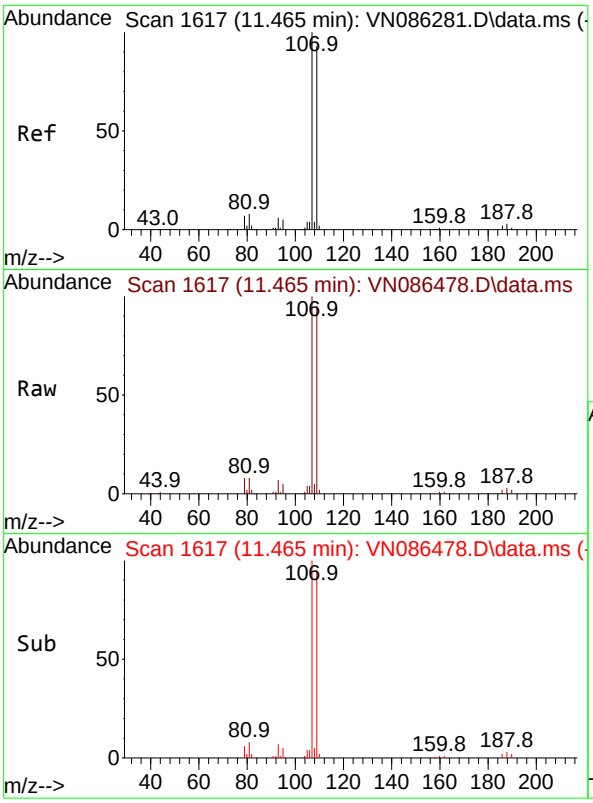


#60
Dibromochloromethane
Concen: 58.161 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:129 Resp: 126605

Ion	Ratio	Lower	Upper
129	100		
127	79.1	38.7	116.1





#61
1,2-Dibromoethane
Concen: 58.498 ug/l
RT: 11.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:107 Resp: 11701

Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.4	113.0

Instrument :
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ClientSampleId :
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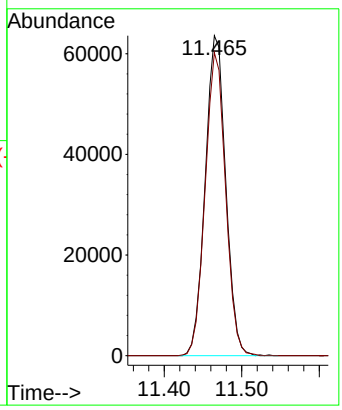
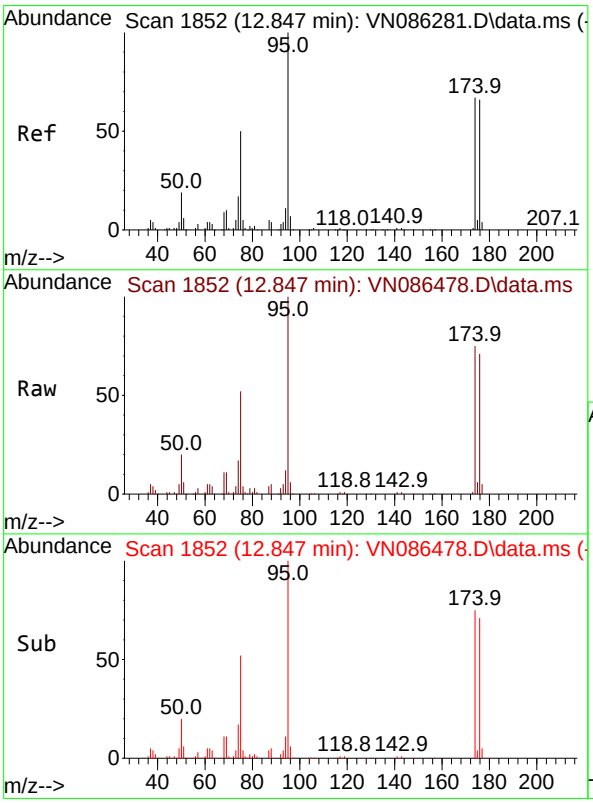
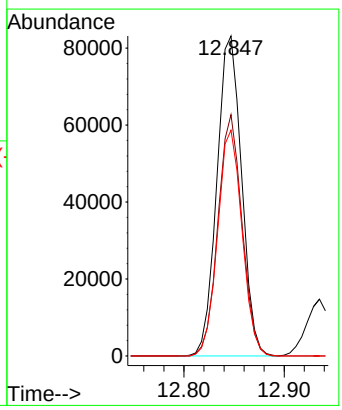


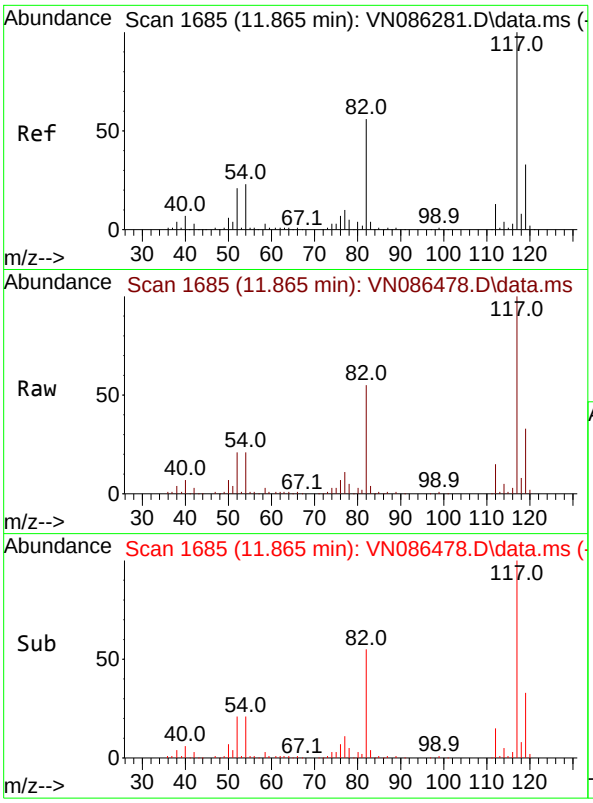


#62
4-Bromofluorobenzene
Concen: 52.810 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 95 Resp: 142048

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	133.4
176	69.7	0.0	129.2

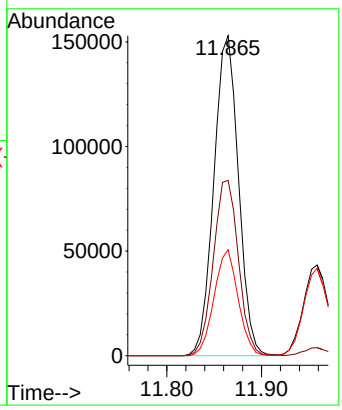




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:117 Resp: 27641

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.7	67.1
119	33.1	26.4	39.6



Instrument :
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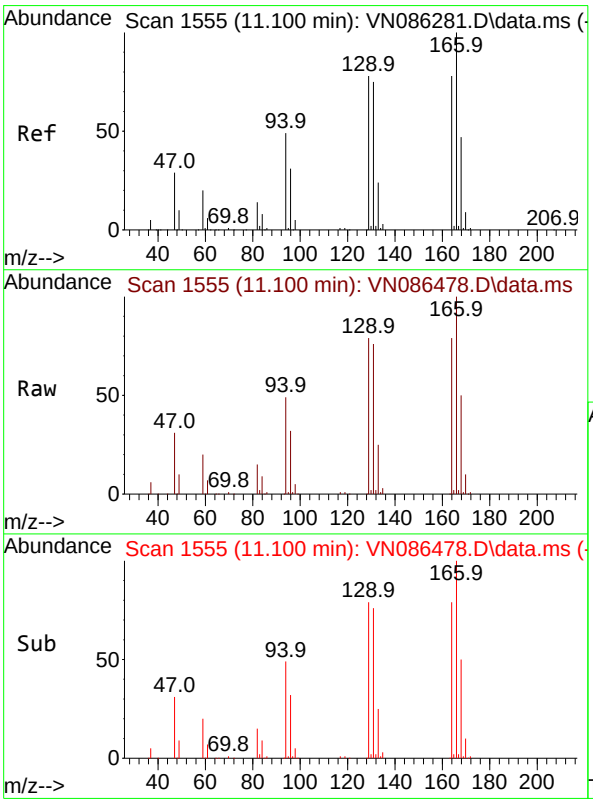
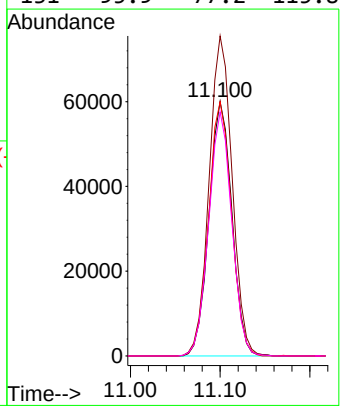
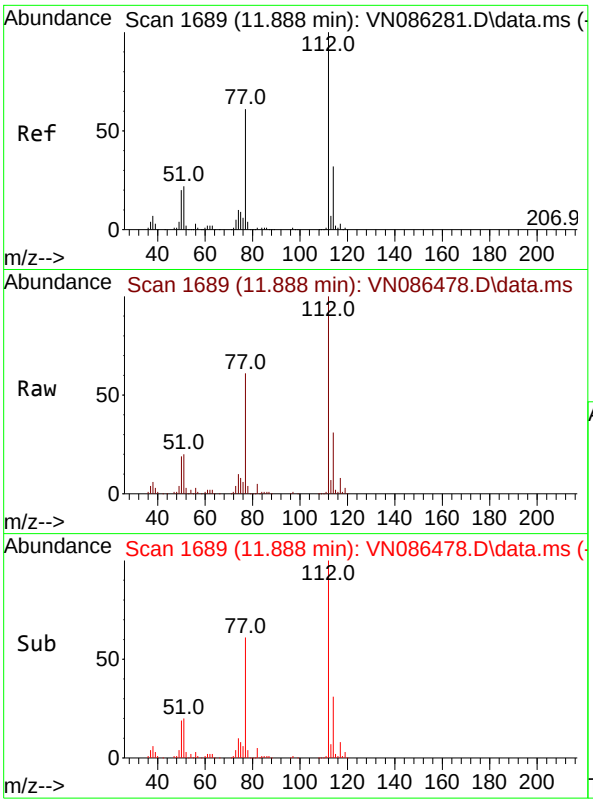


#64
Tetrachloroethene
Concen: 50.118 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:164 Resp: 106562

Ion	Ratio	Lower	Upper
164	100		
166	125.8	103.0	154.4
129	100.0	80.1	120.1
131	95.9	77.2	115.8

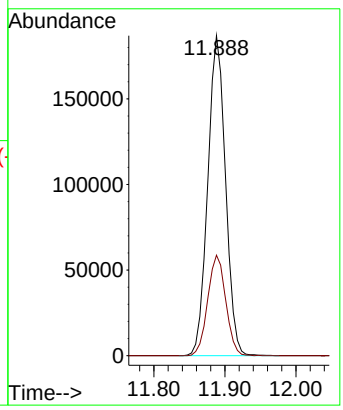




#65
Chlorobenzene
Concen: 52.576 ug/l
RT: 11.888 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:112 Resp: 32432

Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.4	38.0



Instrument :
MSVOA_N
ClientSampleId :
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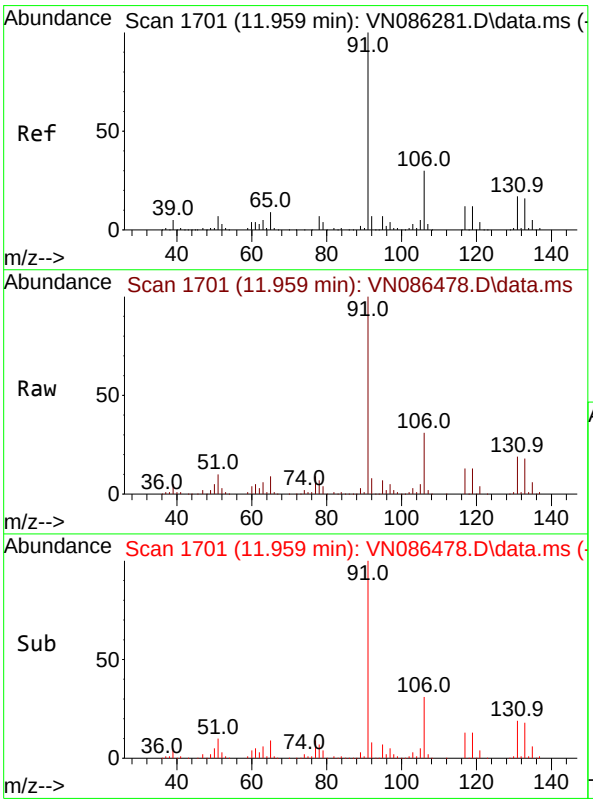
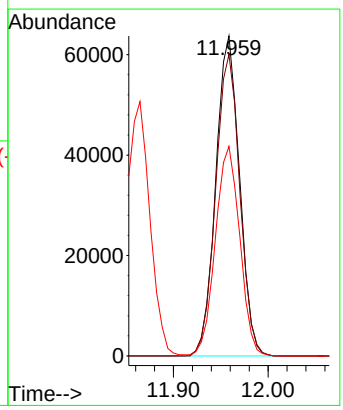
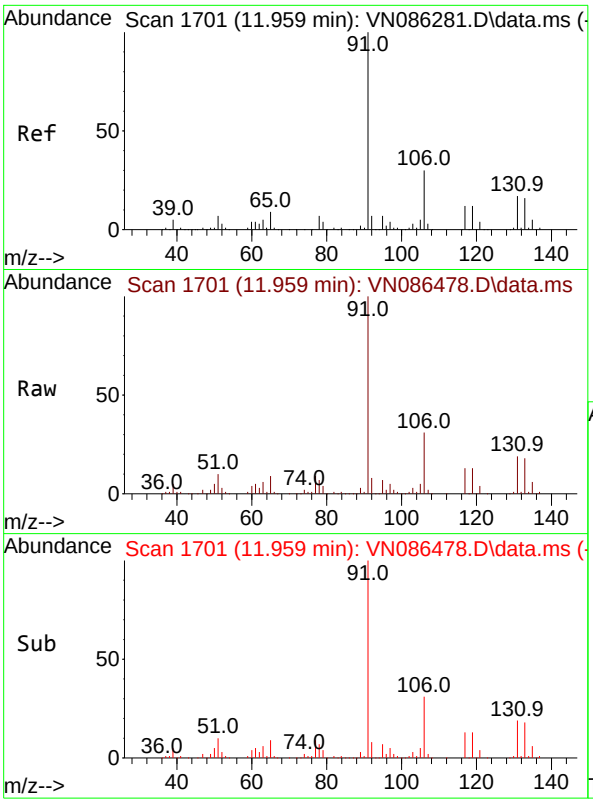


#66
1,1,1,2-Tetrachloroethane
Concen: 54.541 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:131 Resp: 110992

Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.1	141.3
119	67.3	33.8	101.4





#67
Ethyl Benzene
Concen: 49.637 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 91 Resp: 55253

Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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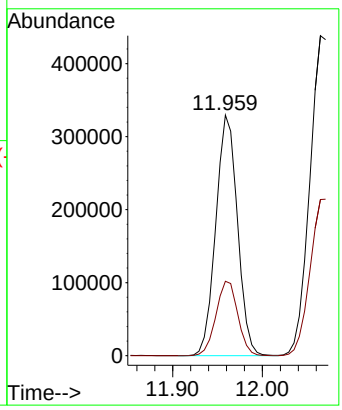
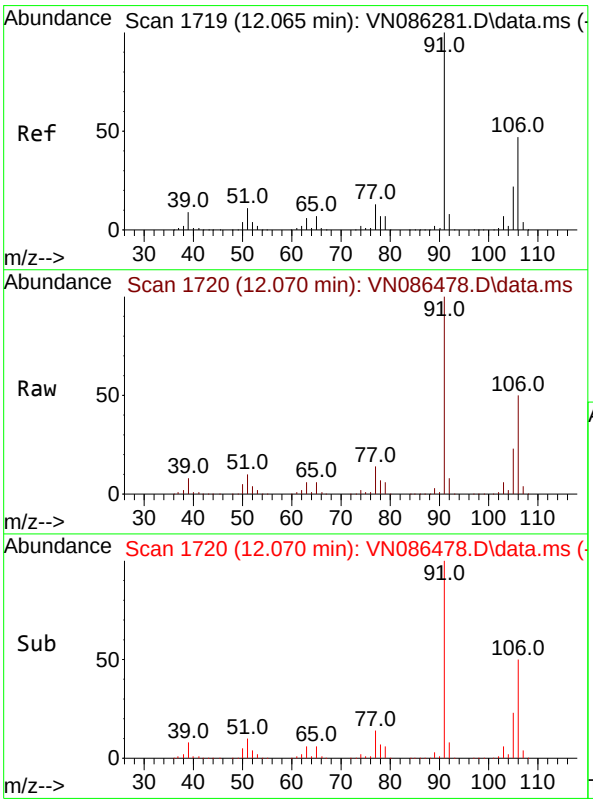
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

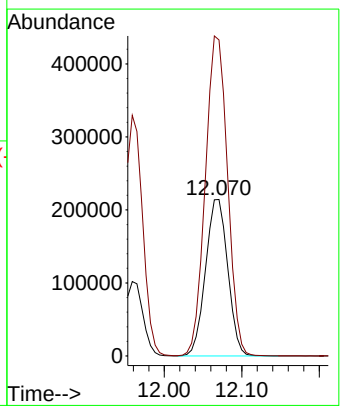


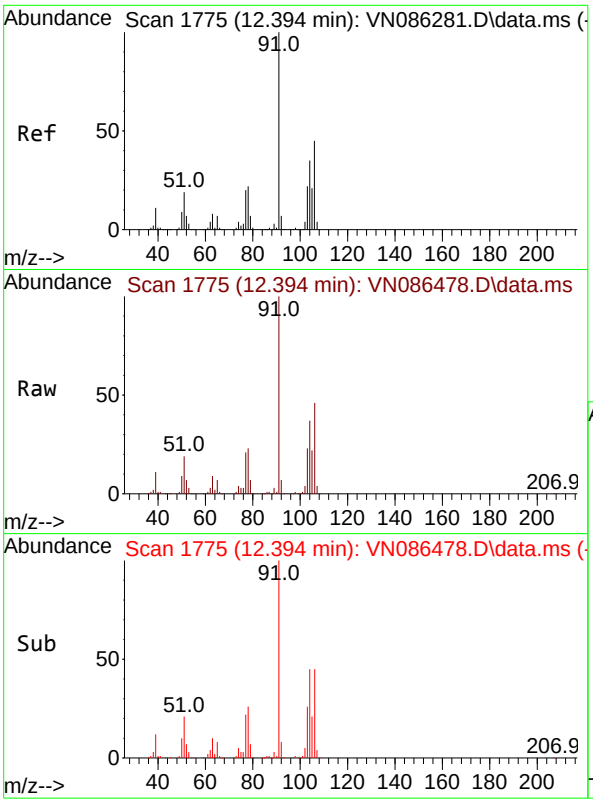


#68
m/p-Xylenes
Concen: 102.350 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:106 Resp: 426898

Ion	Ratio	Lower	Upper
106	100		
91	204.6	166.5	249.7

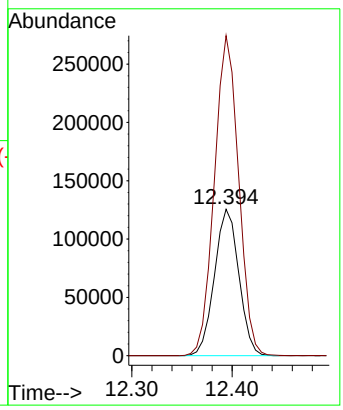




#69
o-Xylene
Concen: 51.383 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:106 Resp: 21194

Ion	Ratio	Lower	Upper
106	100		
91	217.4	109.7	329.0



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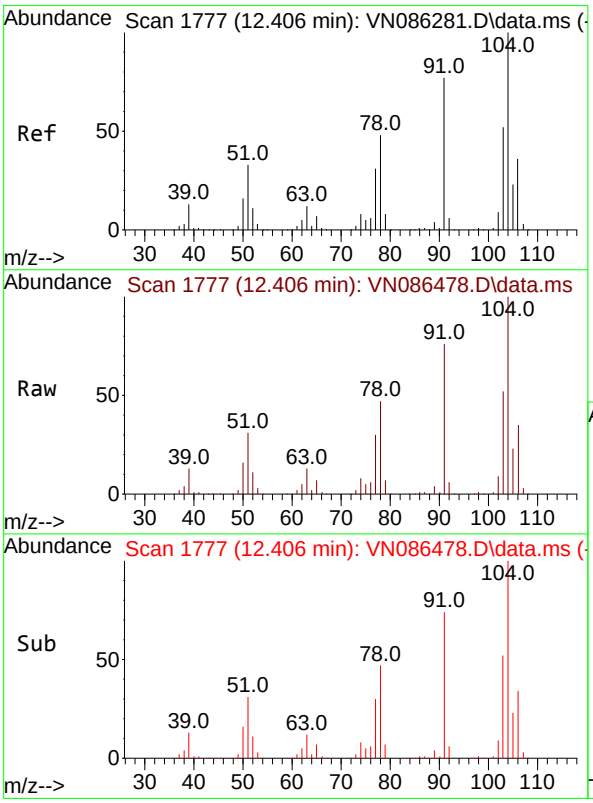
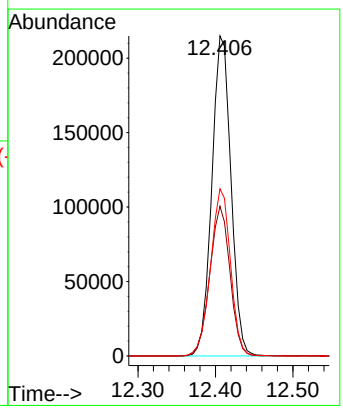
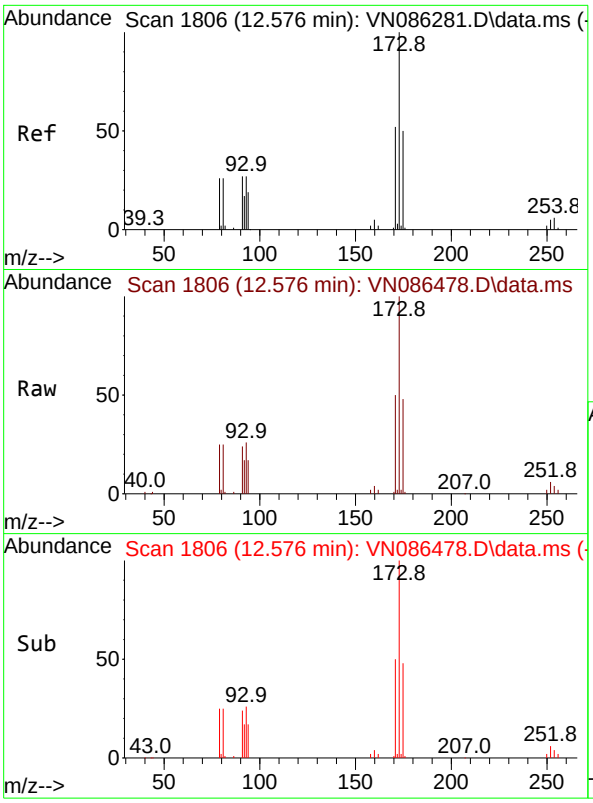


#70
Styrene
Concen: 53.644 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:104 Resp: 368683

Ion	Ratio	Lower	Upper
104	100		
78	49.5	40.6	61.0
103	54.5	43.6	65.4

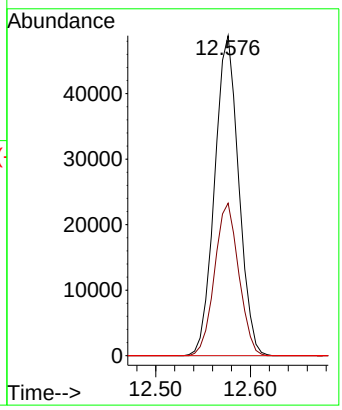




#71
Bromoform
Concen: 56.230 ug/l
RT: 12.576 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:173 Resp: 8615

Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.6	73.6
254	0.0	0.0	0.0



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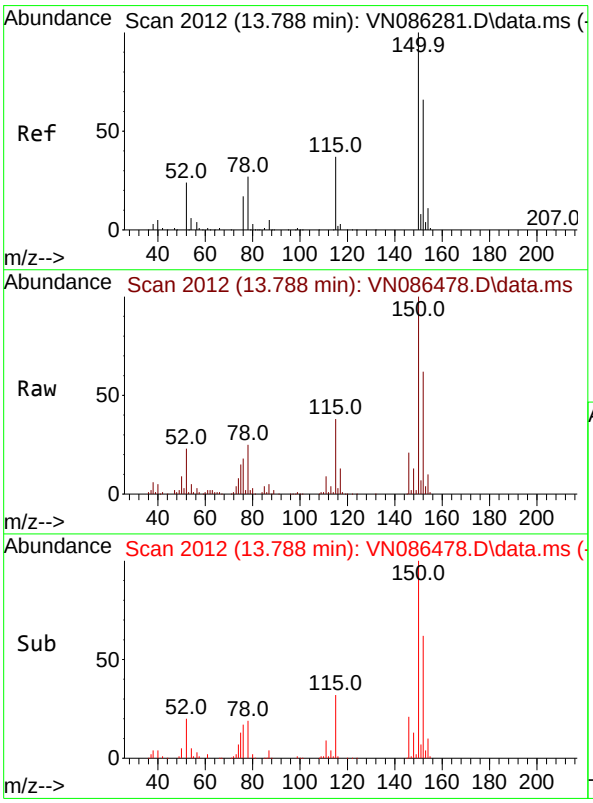
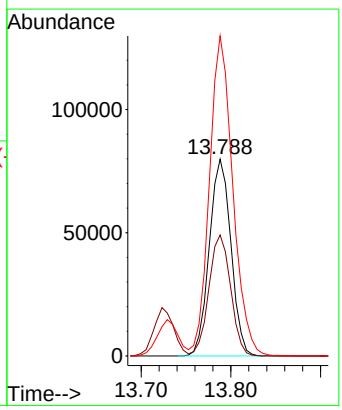
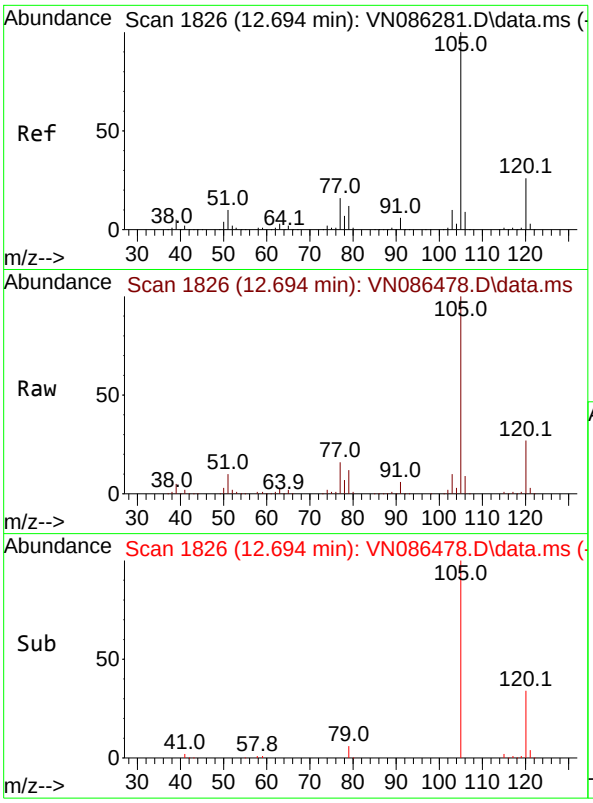


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:152 Resp: 133852

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.9	95.9
150	175.5	0.0	352.0





#73
Isopropylbenzene
Concen: 45.987 ug/l
RT: 12.694 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:105 Resp: 50353

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.1	39.3

Instrument :
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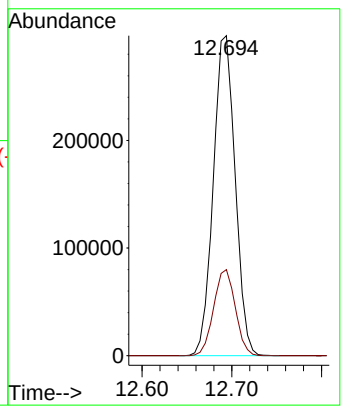
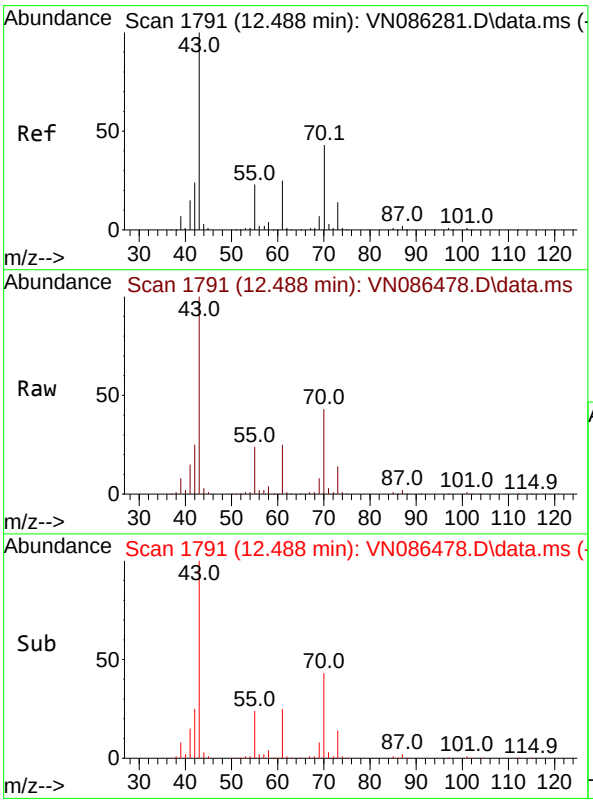
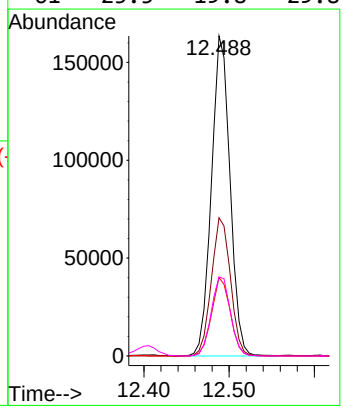


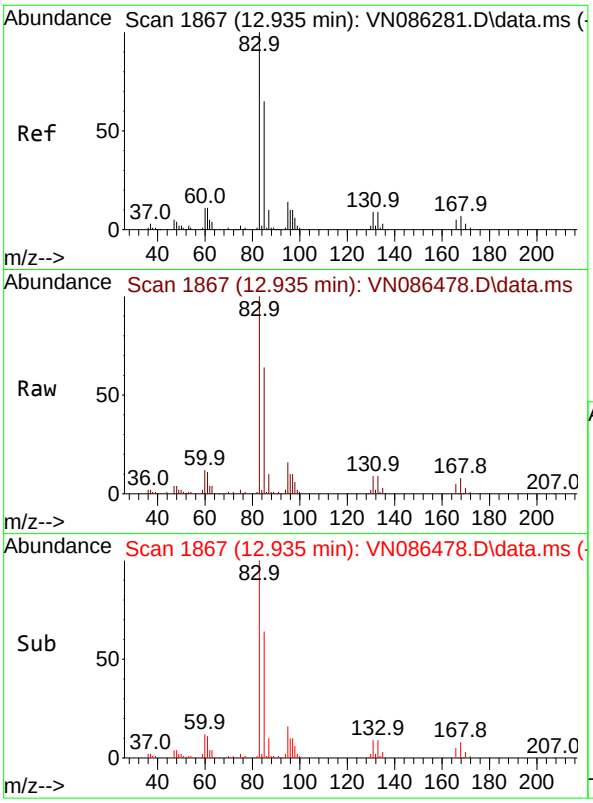


#74
N-amyl acetate
Concen: 45.503 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 43 Resp: 248033

Ion	Ratio	Lower	Upper
43	100		
70	44.3	35.0	52.4
55	24.6	19.0	28.4
61	25.5	19.8	29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.472 ug/l
RT: 12.935 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 83 Resp: 15889

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.1
85	64.2	32.7	98.1

Instrument :
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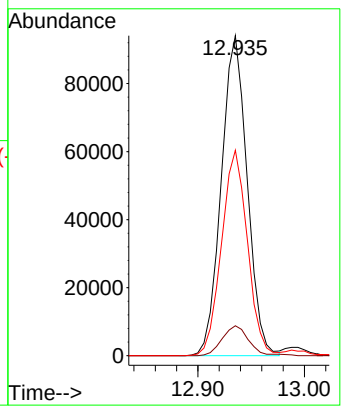
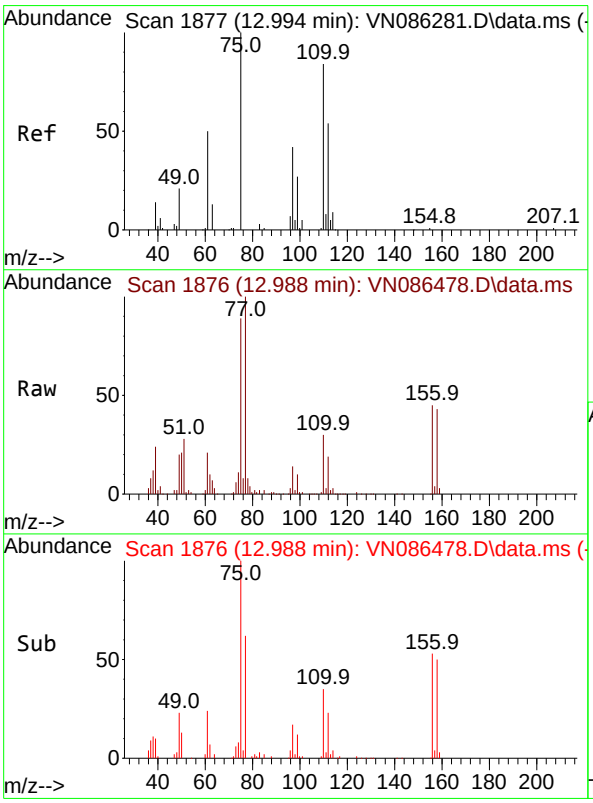
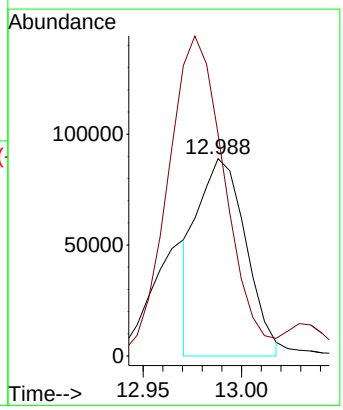


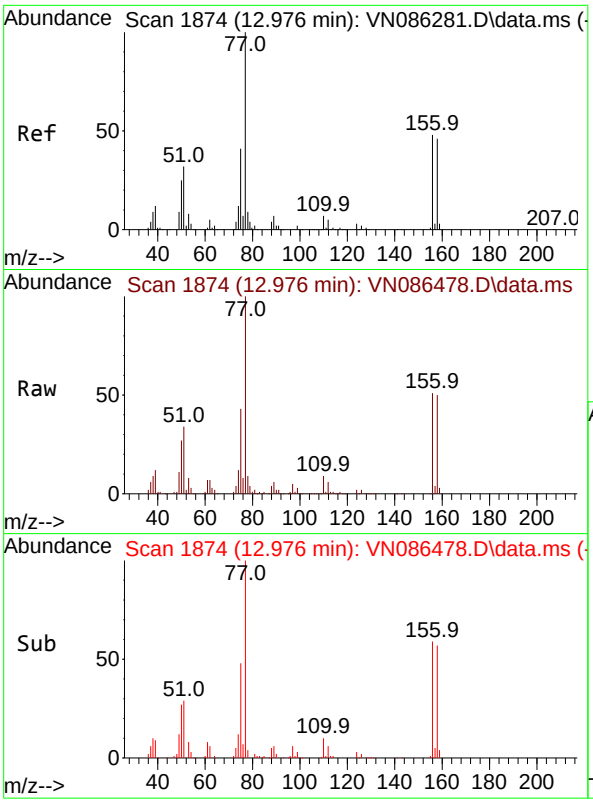


#76
1,2,3-Trichloropropane
Concen: 48.132 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 75 Resp: 152035

Ion	Ratio	Lower	Upper
75	100		
77	192.1	98.8	296.4





#77
Bromobenzene
Concen: 53.065 ug/l
RT: 12.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:156 Resp: 12874

Ion	Ratio	Lower	Upper
156	100		
77	226.9	121.1	363.1
158	96.4	47.9	143.6

Instrument :
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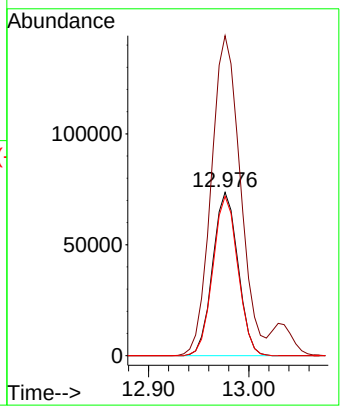
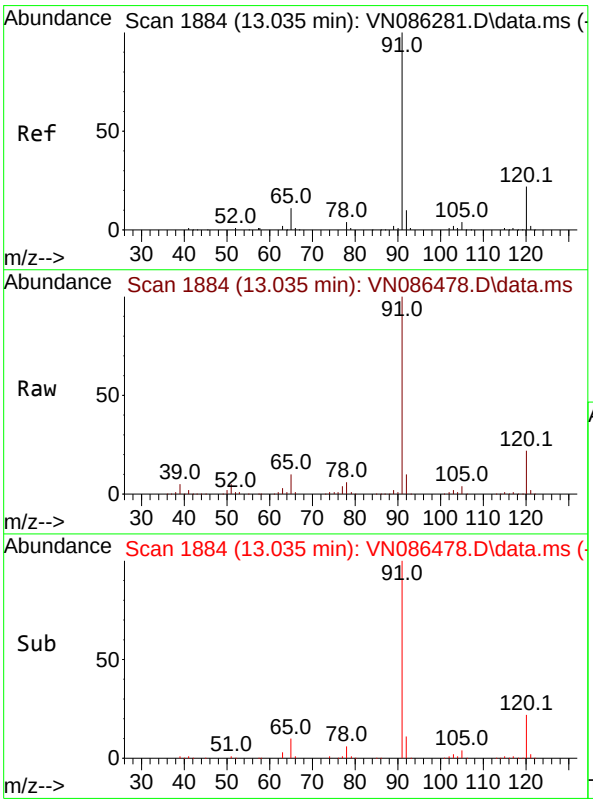
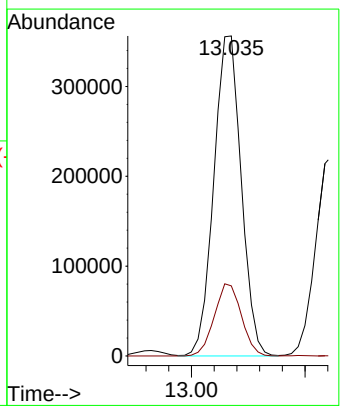


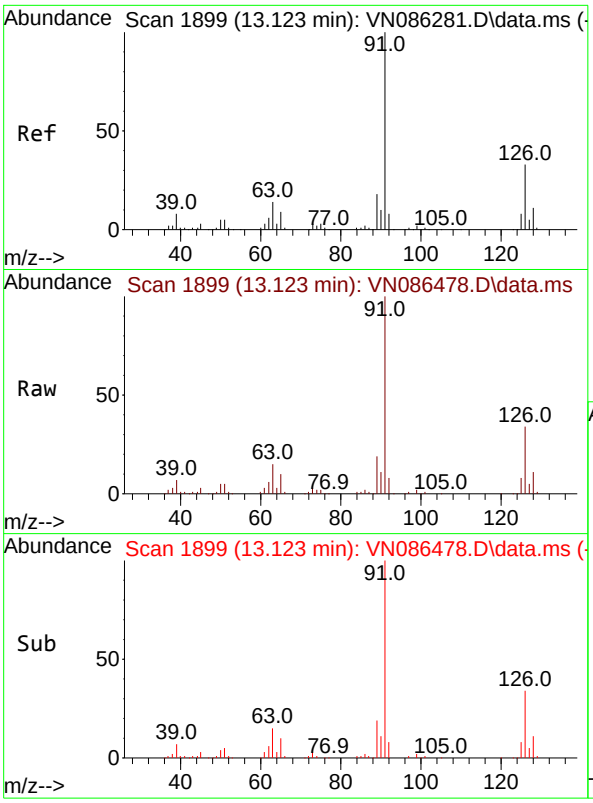


#78
n-propylbenzene
Concen: 46.301 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 91 Resp: 597398

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.3

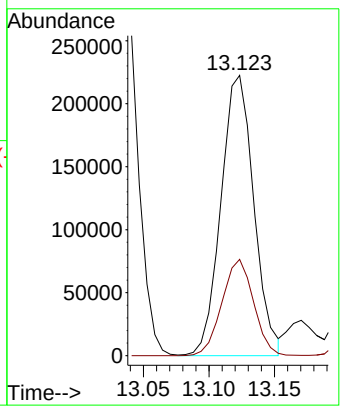




#79
2-Chlorotoluene
Concen: 48.130 ug/l
RT: 13.123 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 91 Resp: 38858

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.1	48.2



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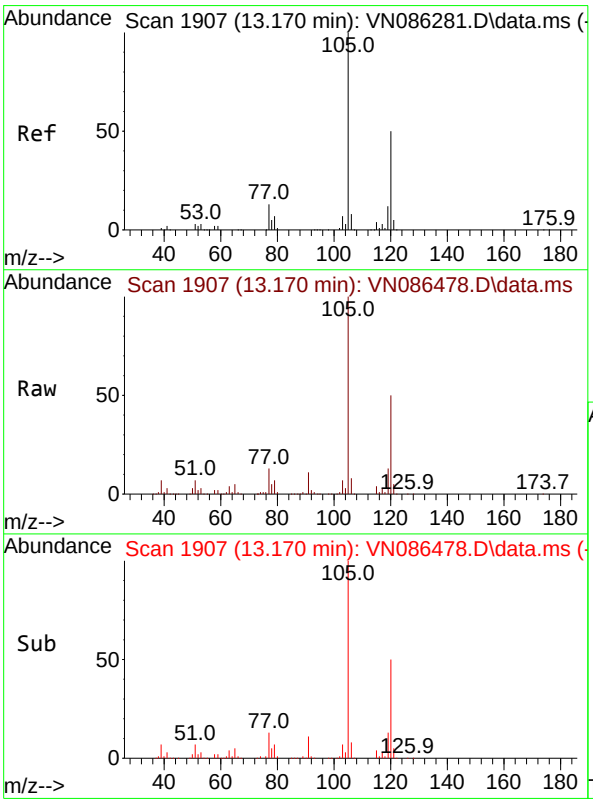
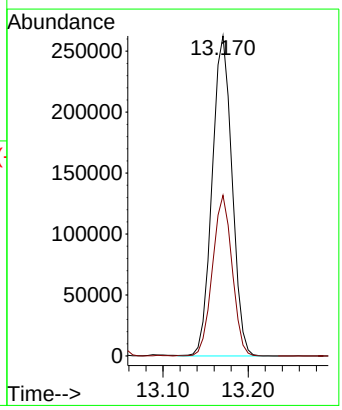
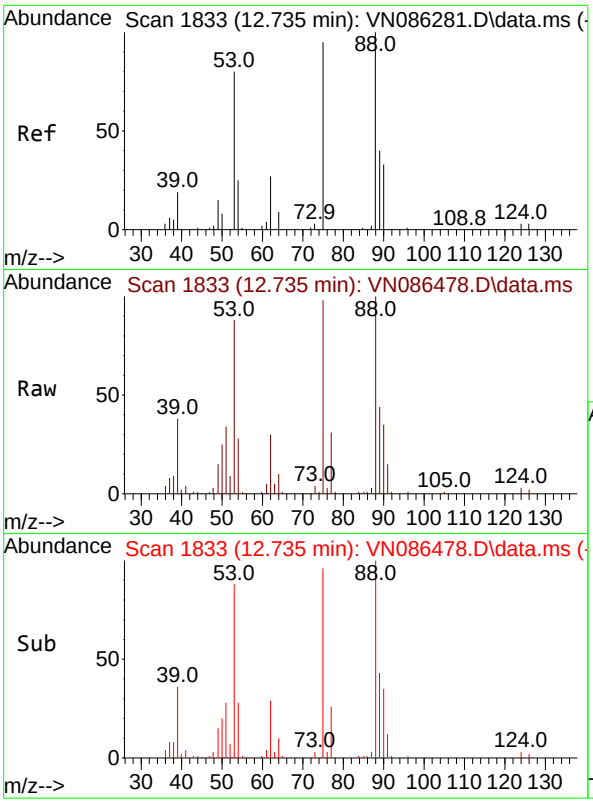


#80
1,3,5-Trimethylbenzene
Concen: 47.572 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:105 Resp: 426330

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 52.354 ug/l
RT: 12.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 75 Resp: 6885

Ion	Ratio	Lower	Upper
75	100		
53	83.4	79.2	118.8
89	40.7	35.7	53.5

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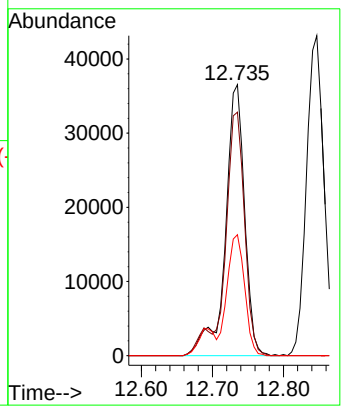
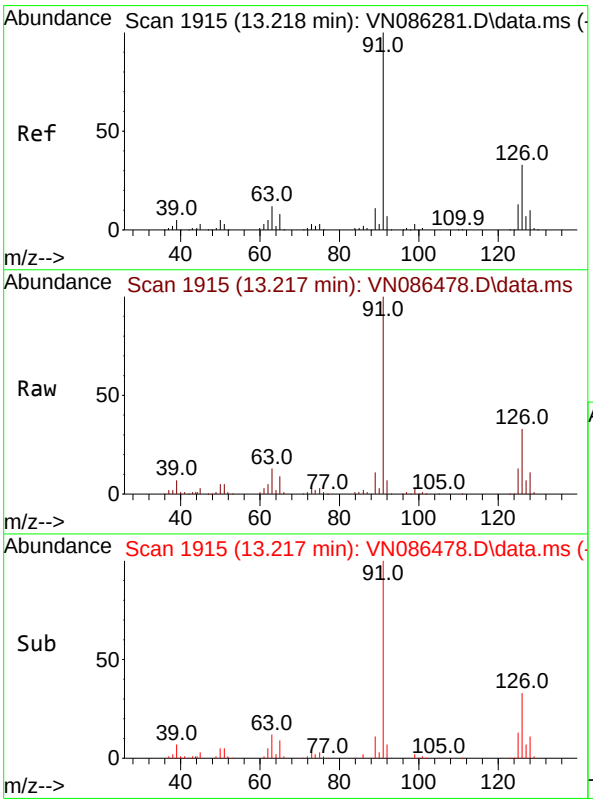
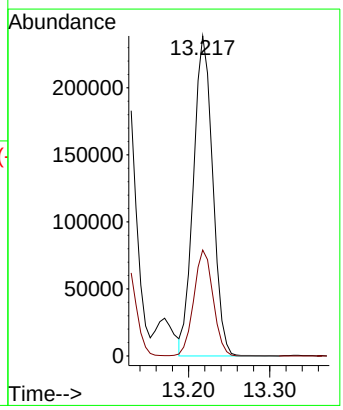


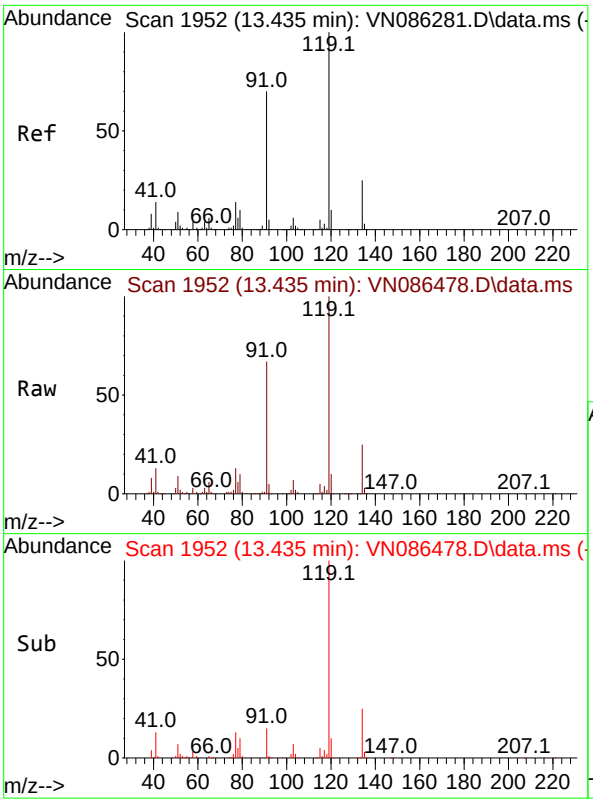


#82
4-Chlorotoluene
Concen: 49.221 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 91 Resp: 394754

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.2	48.6

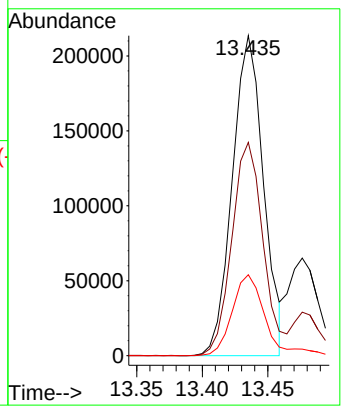




#83
tert-Butylbenzene
Concen: 45.561 ug/l
RT: 13.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:119 Resp: 35379

Ion	Ratio	Lower	Upper
119	100		
91	67.3	34.4	103.3
134	26.8	13.0	39.0



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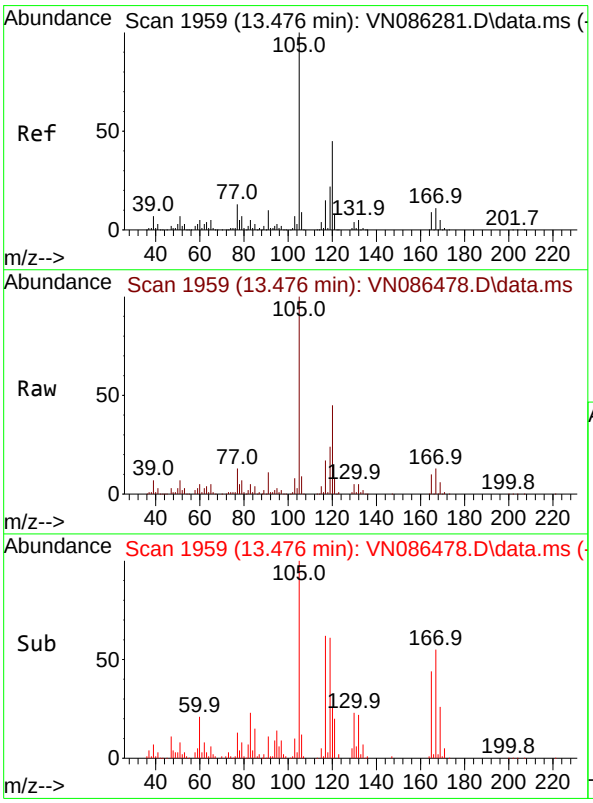
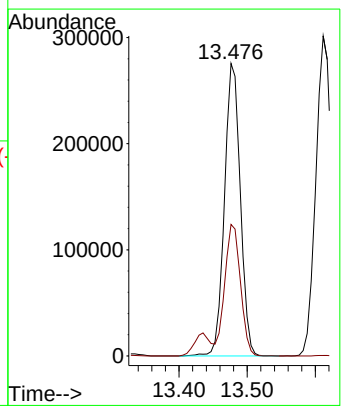
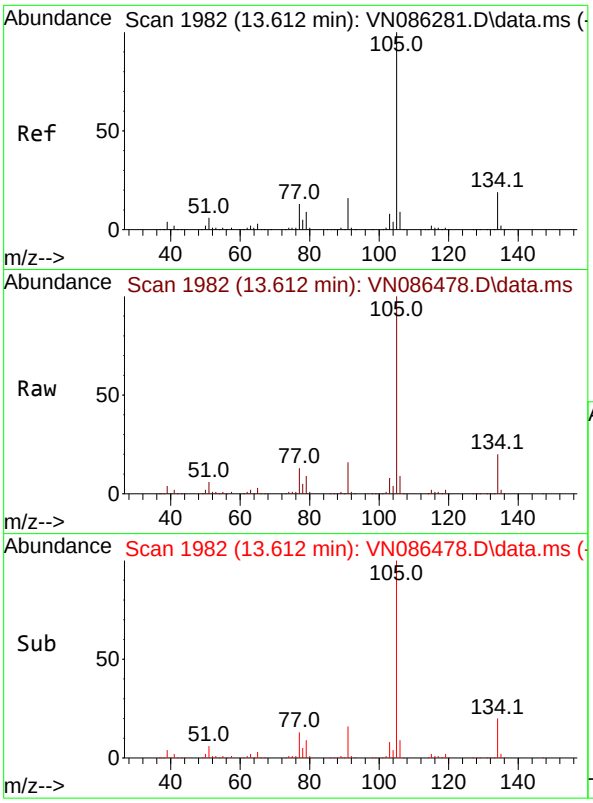


#84
1,2,4-Trimethylbenzene
Concen: 48.864 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:105 Resp: 445744

Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3

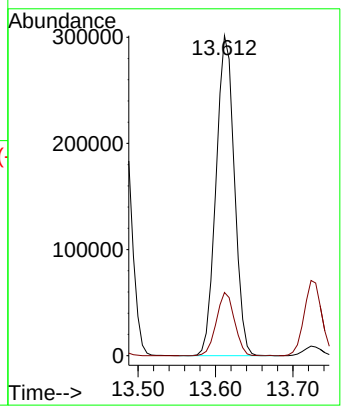




#85
sec-Butylbenzene
Concen: 45.861 ug/l
RT: 13.612 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:105 Resp: 49395

Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.7	29.1



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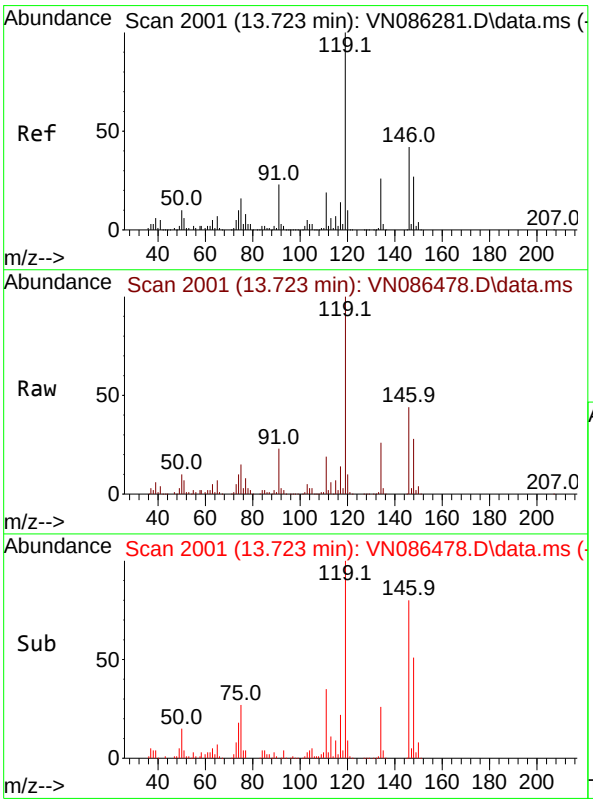
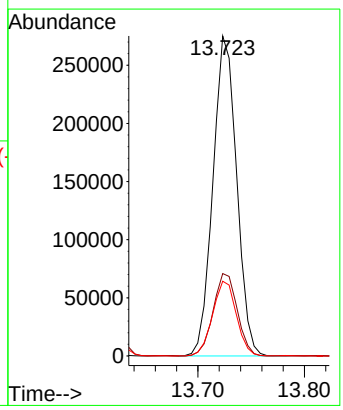
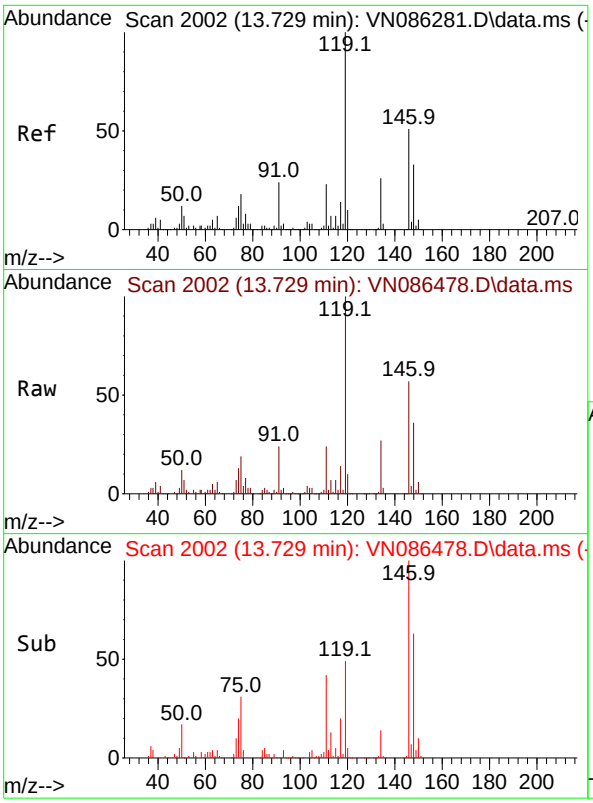


#86
p-Isopropyltoluene
Concen: 47.890 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:119 Resp: 425158

Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.1
91	23.5	11.9	35.9





#87
1,3-Dichlorobenzene
Concen: 52.446 ug/l
RT: 13.729 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

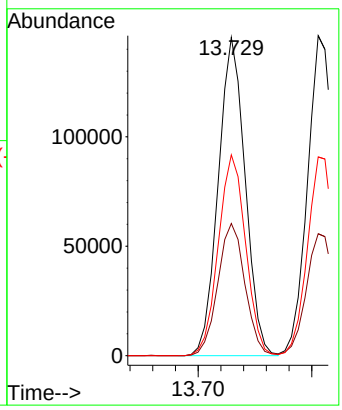
Tgt Ion:146 Resp: 23918

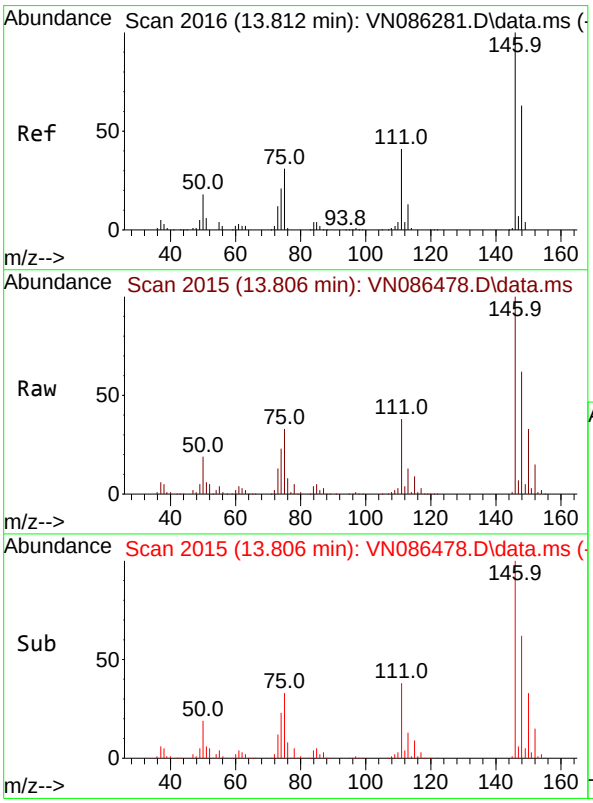
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.9	65.7
148	64.1	31.9	95.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

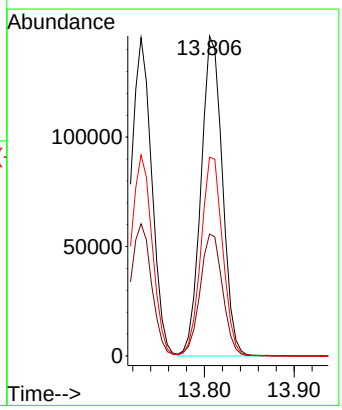


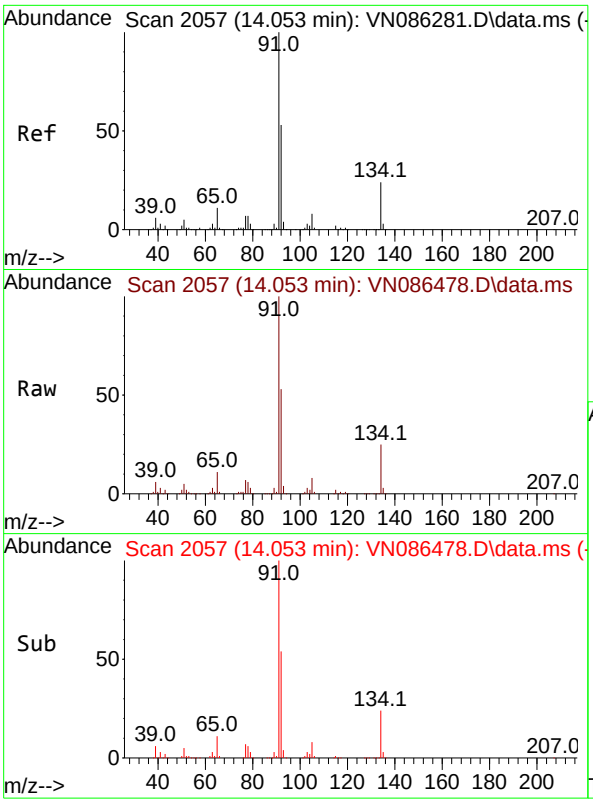


#88
1,4-Dichlorobenzene
Concen: 52.755 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:146 Resp: 242338

Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.3	63.9
148	63.0	31.9	95.9





#89
n-Butylbenzene
Concen: 46.633 ug/l
RT: 14.053 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

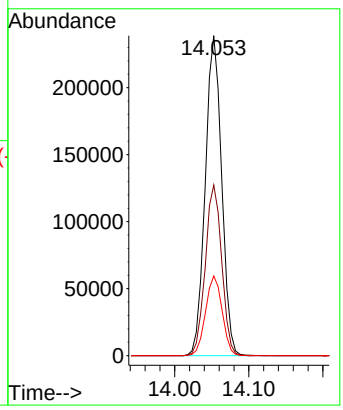
Tgt Ion: 91 Resp: 36696

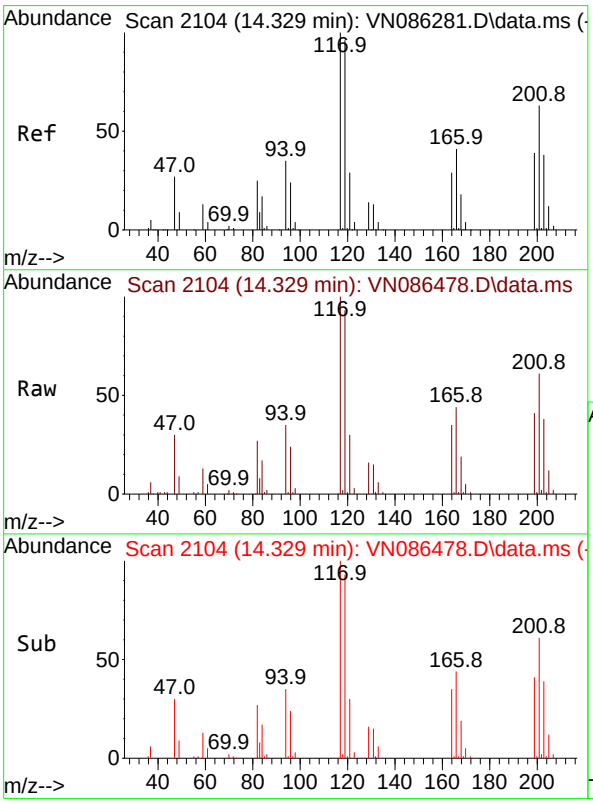
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.8	80.4
134	25.2	12.2	36.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

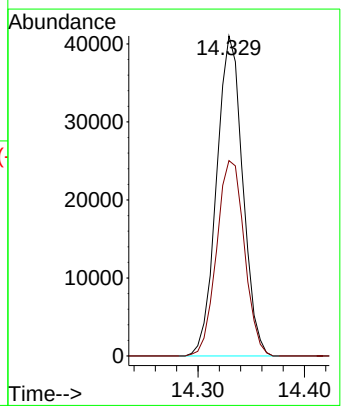


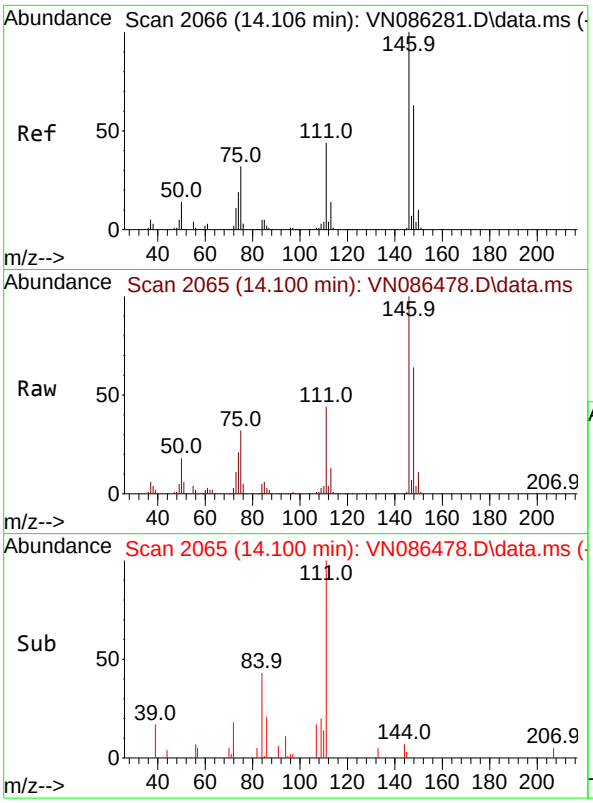


#90
Hexachloroethane
Concen: 46.800 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:117 Resp: 69887

Ion	Ratio	Lower	Upper
117	100		
201	64.8	31.4	94.2

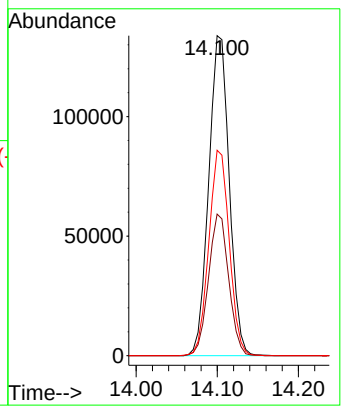




#91
1,2-Dichlorobenzene
Concen: 53.131 ug/l
RT: 14.100 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:146 Resp: 23492

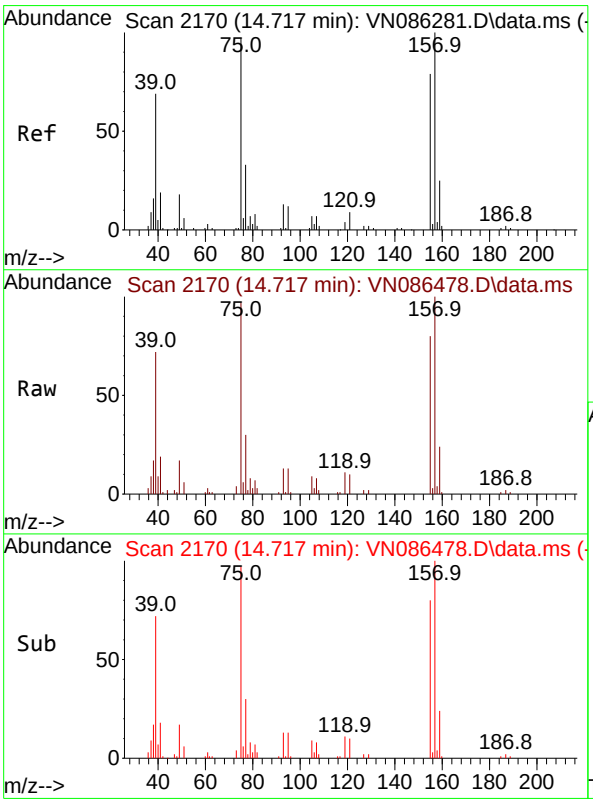
Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.4	67.0
148	63.9	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

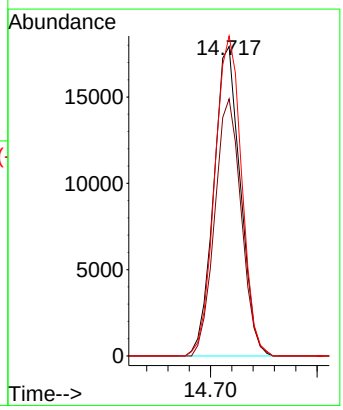
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

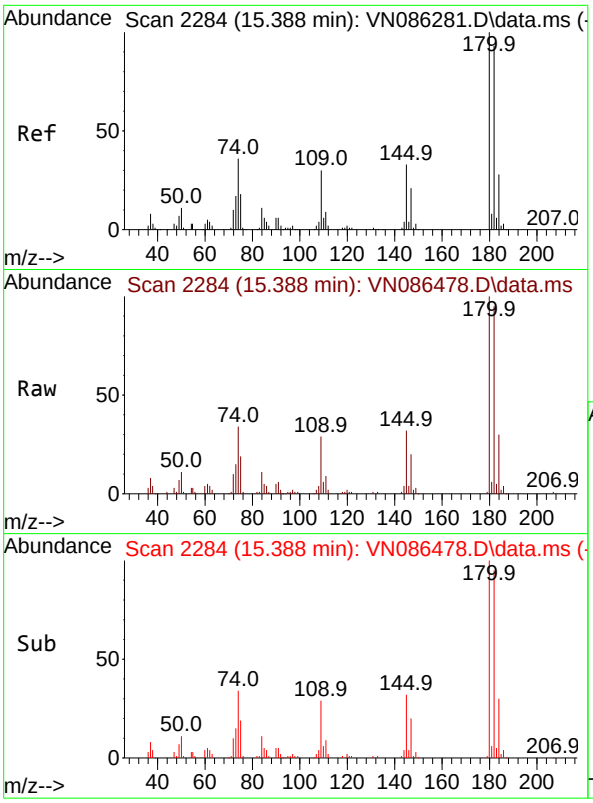


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.038 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion: 75 Resp: 31129

Ion	Ratio	Lower	Upper
75	100		
155	82.6	40.3	120.9
157	104.5	49.0	147.2





#93
1,2,4-Trichlorobenzene
Concen: 53.621 ug/l
RT: 15.388 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

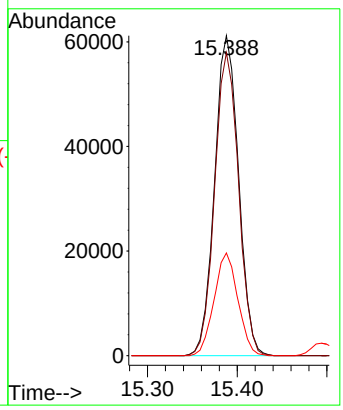
Tgt Ion:180 Resp: 11353

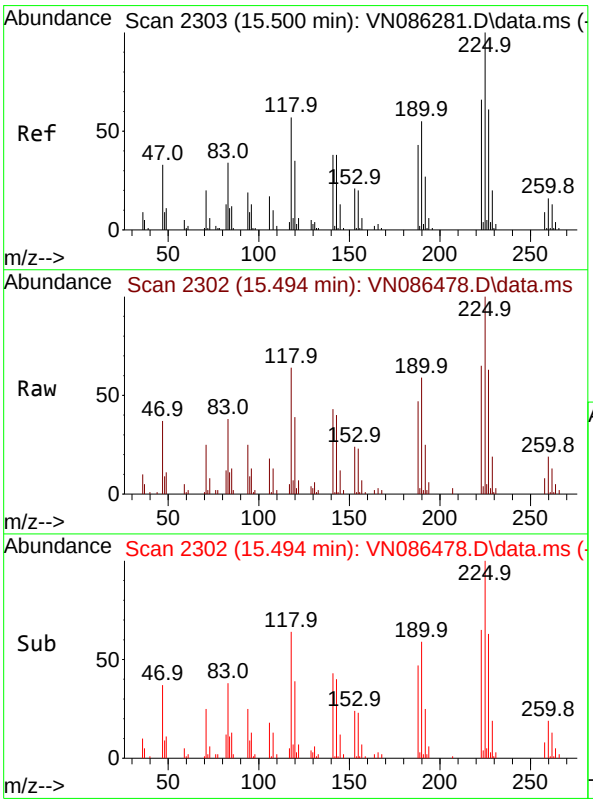
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.0	141.0
145	31.9	16.4	49.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

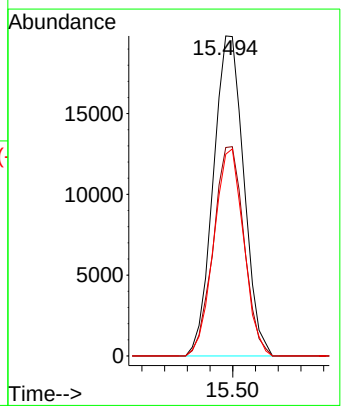


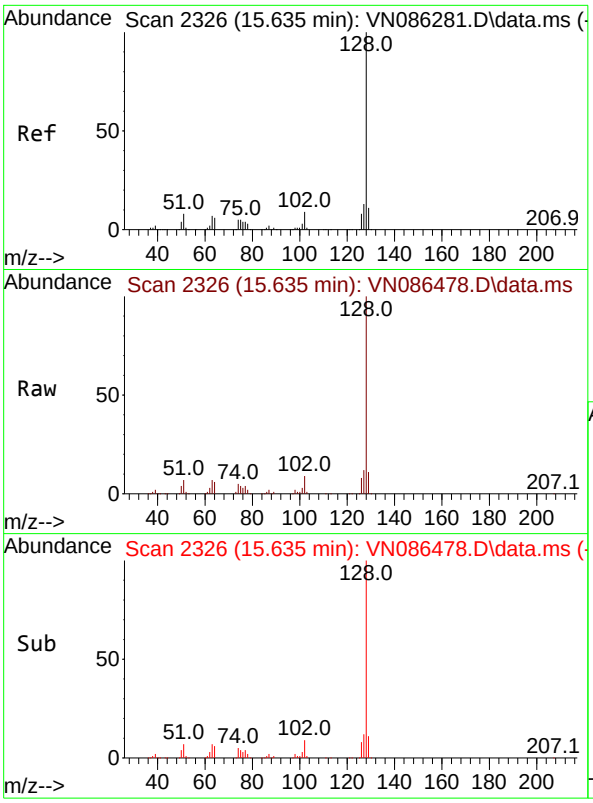


#94
Hexachlorobutadiene
Concen: 46.233 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:225 Resp: 36952

Ion	Ratio	Lower	Upper
225	100		
223	65.7	32.8	98.3
227	63.2	31.4	94.0

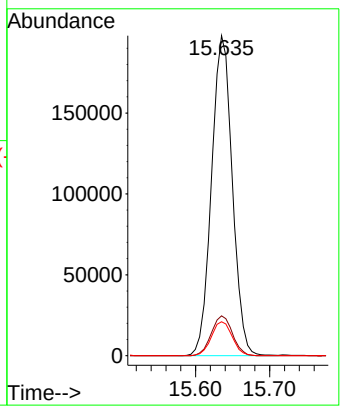




#95
Naphthalene
Concen: 51.308 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:128 Resp: 38509

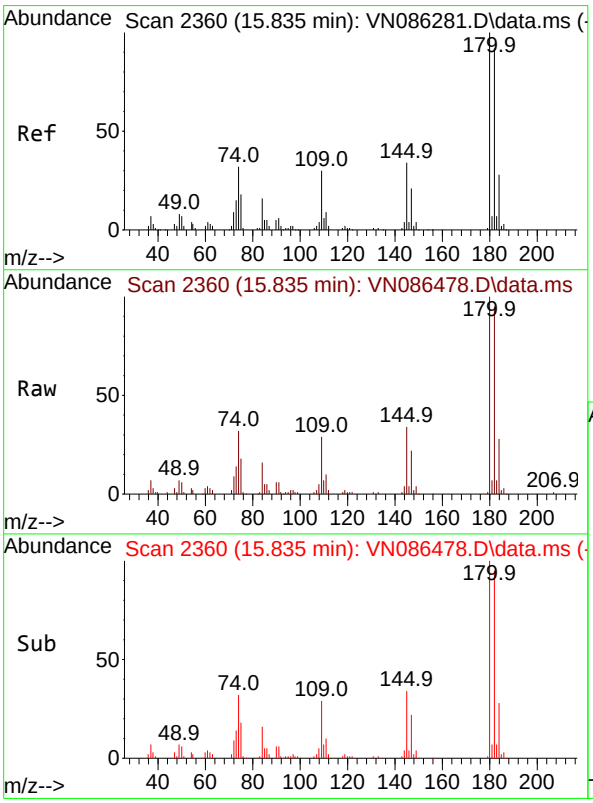
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.7	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

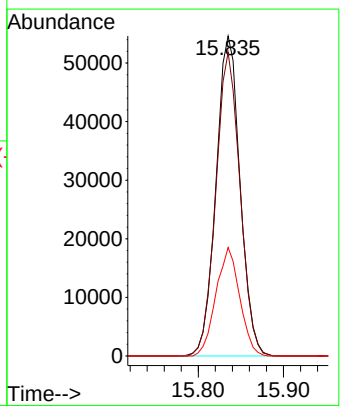
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.440 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086478.D
Acq: 05 May 2025 11:32

Tgt Ion:180 Resp: 107122

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	33.5	17.2	51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	69	0.00
2	T	Dichlorodifluoromethane	0.593	0.536	9.6	63	0.00
3	P	Chloromethane	0.861	0.805	6.5	74	0.00
4	C	Vinyl Chloride	0.822	0.759	7.7#	66	0.00
5	T	Bromomethane	0.370	0.461	-24.6	90	0.00
6	T	Chloroethane	0.550	0.523	4.9	72	0.00
7	T	Trichlorofluoromethane	0.911	0.869	4.6	70	0.00
8	T	Diethyl Ether	0.398	0.421	-5.8	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.551	0.537	2.5	71	0.00
10	T	Methyl Iodide	0.606	0.738	-21.8	85	0.00
11	T	Tert butyl alcohol	0.132	0.140	-6.1	78	0.00
12	CM	1,1-Dichloroethene	0.588	0.557	5.3#	70	0.00
13	T	Acrolein	0.075	0.089	-18.7	101	0.00
14	T	Allyl chloride	1.046	0.919	12.1	68	0.00
15	T	Acrylonitrile	0.327	0.351	-7.3	76	0.00
16	T	Acetone	0.290	0.278	4.1	77	0.00
17	T	Carbon Disulfide	1.762	1.533	13.0	68	0.00
18	T	Methyl Acetate	0.870	0.830	4.6	73	0.00
19	T	Methyl tert-butyl Ether	2.163	2.360	-9.1	81	0.00
20	T	Methylene Chloride	0.670	0.729	-8.8	81	0.00
21	T	trans-1,2-Dichloroethene	0.615	0.632	-2.8	76	0.00
22	T	Diisopropyl ether	2.276	2.355	-3.5	77	0.00
23	T	Vinyl Acetate	1.591	1.722	-8.2	80	0.00
24	P	1,1-Dichloroethane	1.201	1.259	-4.8	77	0.00
25	T	2-Butanone	0.451	0.469	-4.0	76	0.00
26	T	2,2-Dichloropropane	1.075	1.069	0.6	75	0.00
27	T	cis-1,2-Dichloroethene	0.764	0.829	-8.5	80	0.00
28	T	Bromochloromethane	0.509	0.533	-4.7	74	0.00
29	T	Tetrahydrofuran	0.302	0.311	-3.0	77	0.00
30	C	Chloroform	1.180	1.306	-10.7#	82	0.00
31	T	Cyclohexane	1.175	0.999	15.0	65	0.00
32	T	1,1,1-Trichloroethane	1.009	1.049	-4.0	76	0.00
33	S	1,2-Dichloroethane-d4	0.725	0.817	-12.7	78	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35	S	Dibromofluoromethane	0.232	0.264	-13.8	88	0.00
36	T	1,1-Dichloropropene	0.463	0.446	3.7	72	0.00
37	T	Ethyl Acetate	0.488	0.487	0.2	78	0.00
38	T	Carbon Tetrachloride	0.441	0.442	-0.2	75	0.00
39	T	Methylcyclohexane	0.551	0.492	10.7	67	0.00
40	TM	Benzene	1.485	1.541	-3.8	79	0.00
41	T	Methacrylonitrile	0.283	0.294	-3.9	80	0.00
42	TM	1,2-Dichloroethane	0.474	0.533	-12.4	86	0.00
43	T	Isopropyl Acetate	1.177	0.947	19.5	79	0.00
44	TM	Trichloroethene	0.352	0.372	-5.7	79	0.00
45	C	1,2-Dichloropropane	0.364	0.382	-4.9#	79	0.00
46	T	Dibromomethane	0.232	0.271	-16.8	86	0.00
47	T	Bromodichloromethane	0.500	0.559	-11.8	84	0.00
48	T	Methyl methacrylate	0.429	0.426	0.7	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	0.007	0.008	-14.3	87	0.00
50	S	Toluene-d8	1.240	1.280	-3.2	73	0.00
51	T	4-Methyl-2-Pentanone	0.500	0.527	-5.4	78	0.00
52	CM	Toluene	0.927	0.979	-5.6#	79	0.00
53	T	t-1,3-Dichloropropene	0.558	0.627	-12.4	82	0.00
54	T	cis-1,3-Dichloropropene	0.613	0.648	-5.7	81	0.00
55	T	1,1,2-Trichloroethane	0.333	0.382	-14.7	86	0.00
56	T	Ethyl methacrylate	0.613	0.661	-7.8	82	0.00
57	T	1,3-Dichloropropane	0.592	0.663	-12.0	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.291	0.277	4.8	69	0.00
59	T	2-Hexanone	0.371	0.388	-4.6	78	0.00
60	T	Dibromochloromethane	0.366	0.426	-16.4	87	0.00
61	T	1,2-Dibromoethane	0.336	0.394	-17.3	87	0.00
62	S	4-Bromofluorobenzene	0.452	0.478	-5.8	75	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64	T	Tetrachloroethene	0.385	0.386	-0.3	78	0.00
65	PM	Chlorobenzene	1.116	1.173	-5.1	84	0.00
66	T	1,1,1,2-Tetrachloroethane	0.368	0.402	-9.2	87	0.00
67	C	Ethyl Benzene	2.014	1.999	0.7#	78	0.00
68	T	m/p-Xylenes	0.754	0.772	-2.4	80	0.00
69	T	o-Xylene	0.746	0.767	-2.8	81	0.00
70	T	Styrene	1.243	1.334	-7.3	82	0.00
71	P	Bromoform	0.277	0.312	-12.6	90	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73	T	Isopropylbenzene	4.090	3.762	8.0	78	0.00
74	T	N-amyl acetate	2.036	1.853	9.0	80	0.00
75	P	1,1,2,2-Tetrachloroethane	1.176	1.187	-0.9	88	0.00
76	T	1,2,3-Trichloropropane	1.180	1.136	3.7	84	0.00
77	T	Bromobenzene	0.906	0.962	-6.2	87	0.00
78	T	n-propylbenzene	4.820	4.463	7.4	77	0.00
79	T	2-Chlorotoluene	3.016	2.903	3.7	81	0.00
80	T	1,3,5-Trimethylbenzene	3.348	3.185	4.9	80	0.00
81	T	trans-1,4-Dichloro-2-butene	0.491	0.514	-4.7	86	0.00
82	T	4-Chlorotoluene	2.996	2.949	1.6	81	0.00
83	T	tert-Butylbenzene	2.901	2.643	8.9	78	0.00
84	T	1,2,4-Trimethylbenzene	3.408	3.330	2.3	81	0.00
85	T	sec-Butylbenzene	4.023	3.690	8.3	76	0.00
86	T	p-Isopropyltoluene	3.316	3.176	4.2	78	0.00
87	T	1,3-Dichlorobenzene	1.704	1.787	-4.9	86	0.00
88	T	1,4-Dichlorobenzene	1.716	1.810	-5.5	86	0.00
89	T	n-Butylbenzene	2.939	2.742	6.7	74	0.00
90	T	Hexachloroethane	0.558	0.522	6.5	78	0.00
91	T	1,2-Dichlorobenzene	1.652	1.755	-6.2	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.237	0.233	1.7	81	0.00
93	T	1,2,4-Trichlorobenzene	0.791	0.848	-7.2	85	0.00
94	T	Hexachlorobutadiene	0.299	0.276	7.7	76	0.00
95	T	Naphthalene	2.804	2.877	-2.6	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.800	-6.8	87	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	69	0.00
2	T	Dichlorodifluoromethane	50.000	45.212	9.6	63	0.00
3	P	Chloromethane	50.000	46.718	6.6	74	0.00
4	C	Vinyl Chloride	50.000	46.145	7.7#	66	0.00
5	T	Bromomethane	50.000	62.395	-24.8	90	0.00
6	T	Chloroethane	50.000	47.499	5.0	72	0.00
7	T	Trichlorofluoromethane	50.000	47.709	4.6	70	0.00
8	T	Diethyl Ether	50.000	52.896	-5.8	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.778	2.4	71	0.00
10	T	Methyl Iodide	50.000	60.961	-21.9	85	0.00
11	T	Tert butyl alcohol	250.000	265.389	-6.2	78	0.00
12	CM	1,1-Dichloroethene	50.000	47.361	5.3#	70	0.00
13	T	Acrolein	250.000	368.613	-47.4#	101	0.00
14	T	Allyl chloride	50.000	43.937	12.1	68	0.00
15	T	Acrylonitrile	250.000	268.011	-7.2	76	0.00
16	T	Acetone	250.000	278.344	-11.3	77	0.00
17	T	Carbon Disulfide	50.000	43.485	13.0	68	0.00
18	T	Methyl Acetate	50.000	47.670	4.7	73	0.00
19	T	Methyl tert-butyl Ether	50.000	54.536	-9.1	81	0.00
20	T	Methylene Chloride	50.000	54.360	-8.7	81	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.375	-2.8	76	0.00
22	T	Diisopropyl ether	50.000	51.747	-3.5	77	0.00
23	T	Vinyl Acetate	250.000	270.668	-8.3	80	0.00
24	P	1,1-Dichloroethane	50.000	52.430	-4.9	77	0.00
25	T	2-Butanone	250.000	260.025	-4.0	76	0.00
26	T	2,2-Dichloropropane	50.000	49.713	0.6	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.294	-8.6	80	0.00
28	T	Bromochloromethane	50.000	52.359	-4.7	74	0.00
29	T	Tetrahydrofuran	250.000	257.870	-3.1	77	0.00
30	C	Chloroform	50.000	55.364	-10.7#	82	0.00
31	T	Cyclohexane	50.000	42.503	15.0	65	0.00
32	T	1,1,1-Trichloroethane	50.000	51.955	-3.9	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.310	-12.6	78	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	56.788	-13.6	88	0.00
36	T	1,1-Dichloropropene	50.000	48.061	3.9	72	0.00
37	T	Ethyl Acetate	50.000	49.894	0.2	78	0.00
38	T	Carbon Tetrachloride	50.000	50.096	-0.2	75	0.00
39	T	Methylcyclohexane	50.000	44.650	10.7	67	0.00
40	TM	Benzene	50.000	51.877	-3.8	79	0.00
41	T	Methacrylonitrile	50.000	52.024	-4.0	80	0.00
42	TM	1,2-Dichloroethane	50.000	56.287	-12.6	86	0.00
43	T	Isopropyl Acetate	50.000	54.566	-9.1	79	0.00
44	TM	Trichloroethene	50.000	52.792	-5.6	79	0.00
45	C	1,2-Dichloropropane	50.000	52.519	-5.0#	79	0.00
46	T	Dibromomethane	50.000	58.582	-17.2	86	0.00
47	T	Bromodichloromethane	50.000	55.865	-11.7	84	0.00
48	T	Methyl methacrylate	50.000	49.669	0.7	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	1080.631	-8.1	87	0.00
50	S	Toluene-d8	50.000	51.589	-3.2	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.592	-5.4	78	0.00
52	CM	Toluene	50.000	52.807	-5.6#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	56.106	-12.2	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.796	-5.6	81	0.00
55	T	1,1,2-Trichloroethane	50.000	57.253	-14.5	86	0.00
56	T	Ethyl methacrylate	50.000	53.899	-7.8	82	0.00
57	T	1,3-Dichloropropane	50.000	56.016	-12.0	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	238.408	4.6	69	0.00
59	T	2-Hexanone	250.000	261.423	-4.6	78	0.00
60	T	Dibromochloromethane	50.000	58.161	-16.3	87	0.00
61	T	1,2-Dibromoethane	50.000	58.498	-17.0	87	0.00
62	S	4-Bromofluorobenzene	50.000	52.810	-5.6	75	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64	T	Tetrachloroethene	50.000	50.118	-0.2	78	0.00
65	PM	Chlorobenzene	50.000	52.576	-5.2	84	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.541	-9.1	87	0.00
67	C	Ethyl Benzene	50.000	49.637	0.7#	78	0.00
68	T	m/p-Xylenes	100.000	102.350	-2.3	80	0.00
69	T	o-Xylene	50.000	51.383	-2.8	81	0.00
70	T	Styrene	50.000	53.644	-7.3	82	0.00
71	P	Bromoform	50.000	56.230	-12.5	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	45.987	8.0	78	0.00
74	T	N-amyl acetate	50.000	45.503	9.0	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.472	-0.9	88	0.00
76	T	1,2,3-Trichloropropane	50.000	48.132	3.7	84	0.00
77	T	Bromobenzene	50.000	53.065	-6.1	87	0.00
78	T	n-propylbenzene	50.000	46.301	7.4	77	0.00
79	T	2-Chlorotoluene	50.000	48.130	3.7	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.572	4.9	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.354	-4.7	86	0.00
82	T	4-Chlorotoluene	50.000	49.221	1.6	81	0.00
83	T	tert-Butylbenzene	50.000	45.561	8.9	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.864	2.3	81	0.00
85	T	sec-Butylbenzene	50.000	45.861	8.3	76	0.00
86	T	p-Isopropyltoluene	50.000	47.890	4.2	78	0.00
87	T	1,3-Dichlorobenzene	50.000	52.446	-4.9	86	0.00
88	T	1,4-Dichlorobenzene	50.000	52.755	-5.5	86	0.00
89	T	n-Butylbenzene	50.000	46.633	6.7	74	0.00
90	T	Hexachloroethane	50.000	46.800	6.4	78	0.00
91	T	1,2-Dichlorobenzene	50.000	53.131	-6.3	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.038	1.9	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.621	-7.2	85	0.00
94	T	Hexachlorobutadiene	50.000	46.233	7.5	76	0.00
95	T	Naphthalene	50.000	51.308	-2.6	83	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086478.D
Acq On : 05 May 2025 11:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 06 01:43:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	53.440	-6.9	87	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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_N Calibration Date/Time: 05/06/2025 10:35

Lab File ID: VN086504.D Init. Calib. Date(s): 04/15/2025 04/15/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:29 14:29

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.485	1.462		-1.55	20
Toluene	0.927	0.953		2.81	20
Ethyl Benzene	2.014	1.981		-1.64	20
m/p-Xylenes	0.754	0.762		1.06	20
o-Xylene	0.746	0.762		2.14	20
Isopropylbenzene	4.090	3.729		-8.83	20
n-propylbenzene	4.820	4.382		-9.09	20
1,3,5-Trimethylbenzene	3.348	3.125		-6.66	20
tert-Butylbenzene	2.901	2.643		-8.89	20
1,2,4-Trimethylbenzene	3.408	3.236		-5.05	20
sec-Butylbenzene	4.023	3.668		-8.82	20
p-Isopropyltoluene	3.316	3.160		-4.7	20
n-Butylbenzene	2.939	2.699		-8.17	20
1,2-Dichloroethane-d4	0.725	0.698		-3.72	20
Dibromofluoromethane	0.232	0.250		7.76	20
Toluene-d8	1.240	1.178		-5	20
4-Bromofluorobenzene	0.452	0.460		1.77	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_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	186971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	338775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	314072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130550	48.151	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.300%			
35) Dibromofluoromethane	8.165	113	84639	53.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.660%			
50) Toluene-d8	10.565	98	399114	47.496	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.000%			
62) 4-Bromofluorobenzene	12.847	95	155922	50.872	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	96414	43.500	ug/l	98
3) Chloromethane	2.360	50	128807	39.987	ug/l	96
4) Vinyl Chloride	2.512	62	122759	39.936	ug/l	98
5) Bromomethane	2.954	94	75110	54.322	ug/l	96
6) Chloroethane	3.118	64	84296	40.974	ug/l	99
7) Trichlorofluoromethane	3.501	101	160328	47.087	ug/l	99
8) Diethyl Ether	3.959	74	73202	49.246	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	97567	47.367	ug/l	97
10) Methyl Iodide	4.583	142	128968	56.950	ug/l	98
11) Tert butyl alcohol	5.512	59	113258	228.947	ug/l	100
12) 1,1-Dichloroethene	4.342	96	97515	44.312	ug/l	99
13) Acrolein	4.177	56	67136	293.679	ug/l	96
14) Allyl chloride	5.024	41	153180	39.156	ug/l	93
15) Acrylonitrile	5.712	53	287153	234.814	ug/l	99
16) Acetone	4.424	43	229166	244.342	ug/l	99
17) Carbon Disulfide	4.712	76	255907	38.837	ug/l	98
18) Methyl Acetate	5.018	43	135966	41.778	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	404824	50.044	ug/l	98
20) Methylene Chloride	5.271	84	123698	49.351	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	110590	48.068	ug/l	91
22) Diisopropyl ether	6.671	45	385514	45.301	ug/l	97
23) Vinyl Acetate	6.600	43	1390916	233.806	ug/l	97
24) 1,1-Dichloroethane	6.565	63	208432	46.419	ug/l	99
25) 2-Butanone	7.477	43	378939	224.541	ug/l	96
26) 2,2-Dichloropropane	7.489	77	187192	46.561	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	144092	50.460	ug/l	93
28) Bromochloromethane	7.812	49	81811	42.971	ug/l	86
29) Tetrahydrofuran	7.836	42	249166	220.791	ug/l	94
30) Chloroform	7.959	83	221894	50.306	ug/l	99
31) Cyclohexane	8.253	56	171927	39.129	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	181942	48.218	ug/l	99
36) 1,1-Dichloropropene	8.371	75	147497	46.967	ug/l	98
37) Ethyl Acetate	7.553	43	152654	46.172	ug/l	99
38) Carbon Tetrachloride	8.359	117	151505	50.659	ug/l	99
39) Methylcyclohexane	9.594	83	167497	44.873	ug/l	98
40) Benzene	8.600	78	495357	49.232	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.771	41	88517	46.194 ug/l		96
42) 1,2-Dichloroethane	8.665	62	173196	53.978 ug/l		100
43) Isopropyl Acetate	8.683	43	281871	47.497 ug/l		96
44) Trichloroethene	9.347	130	128400	53.841 ug/l		95
45) 1,2-Dichloropropane	9.618	63	121835	49.467 ug/l		99
46) Dibromomethane	9.706	93	88683	56.513 ug/l		96
47) Bromodichloromethane	9.883	83	183659	54.188 ug/l		97
48) Methyl methacrylate	9.677	41	132393	45.599 ug/l		94
49) 1,4-Dioxane	9.694	88	51227	1037.266 ug/l		93
51) 4-Methyl-2-Pentanone	10.441	43	813318	240.230 ug/l		98
52) Toluene	10.630	92	323020	51.451 ug/l		100
53) t-1,3-Dichloropropene	10.835	75	200053	52.877 ug/l		98
54) cis-1,3-Dichloropropene	10.306	75	212799	51.209 ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	122629	54.288 ug/l		96
56) Ethyl methacrylate	10.871	69	210673	50.739 ug/l		97
57) 1,3-Dichloropropane	11.159	76	210645	52.560 ug/l		100
58) 2-Chloroethyl Vinyl ether	10.153	63	422017	214.142 ug/l		96
59) 2-Hexanone	11.194	43	597003	237.737 ug/l		98
60) Dibromochloromethane	11.353	129	141817	57.174 ug/l		99
61) 1,2-Dibromoethane	11.465	107	127362	55.879 ug/l		99
64) Tetrachloroethene	11.100	164	130234	53.908 ug/l		98
65) Chlorobenzene	11.888	112	361793	51.618 ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	123598	53.454 ug/l		99
67) Ethyl Benzene	11.959	91	622129	49.188 ug/l		100
68) m/p-Xylenes	12.065	106	478687	101.007 ug/l		97
69) o-Xylene	12.394	106	239320	51.063 ug/l		97
70) Styrene	12.406	104	412138	52.777 ug/l		99
71) Bromoform	12.576	173	96103	55.203 ug/l	#	99
73) Isopropylbenzene	12.688	105	579388	45.586 ug/l		99
74) N-amyl acetate	12.488	43	252471	39.902 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	168619	46.141 ug/l		98
76) 1,2,3-Trichloropropane	12.988	75	164079m	44.750 ug/l		
77) Bromobenzene	12.976	156	149126	52.953 ug/l		90
78) n-propylbenzene	13.029	91	680807	45.457 ug/l		99
79) 2-Chlorotoluene	13.124	91	438870	46.829 ug/l		98
80) 1,3,5-Trimethylbenzene	13.171	105	485554	46.676 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	75202	49.258 ug/l		87
82) 4-Chlorotoluene	13.218	91	445950	47.903 ug/l		98
83) tert-Butylbenzene	13.435	119	410708	45.565 ug/l		98
84) 1,2,4-Trimethylbenzene	13.476	105	502742	47.478 ug/l		100
85) sec-Butylbenzene	13.612	105	569846	45.578 ug/l		98
86) p-Isopropyltoluene	13.723	119	490968	47.642 ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	275607	52.061 ug/l		98
88) 1,4-Dichlorobenzene	13.806	146	279296	52.379 ug/l		98
89) n-Butylbenzene	14.053	91	419349	45.909 ug/l		99
90) Hexachloroethane	14.329	117	79373	45.790 ug/l		95
91) 1,2-Dichlorobenzene	14.100	146	267864	52.188 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33271	45.153 ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	126722	51.561 ug/l		98
94) Hexachlorobutadiene	15.494	225	44262	47.708 ug/l		99
95) Naphthalene	15.635	128	419212	48.117 ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	119191	51.224 ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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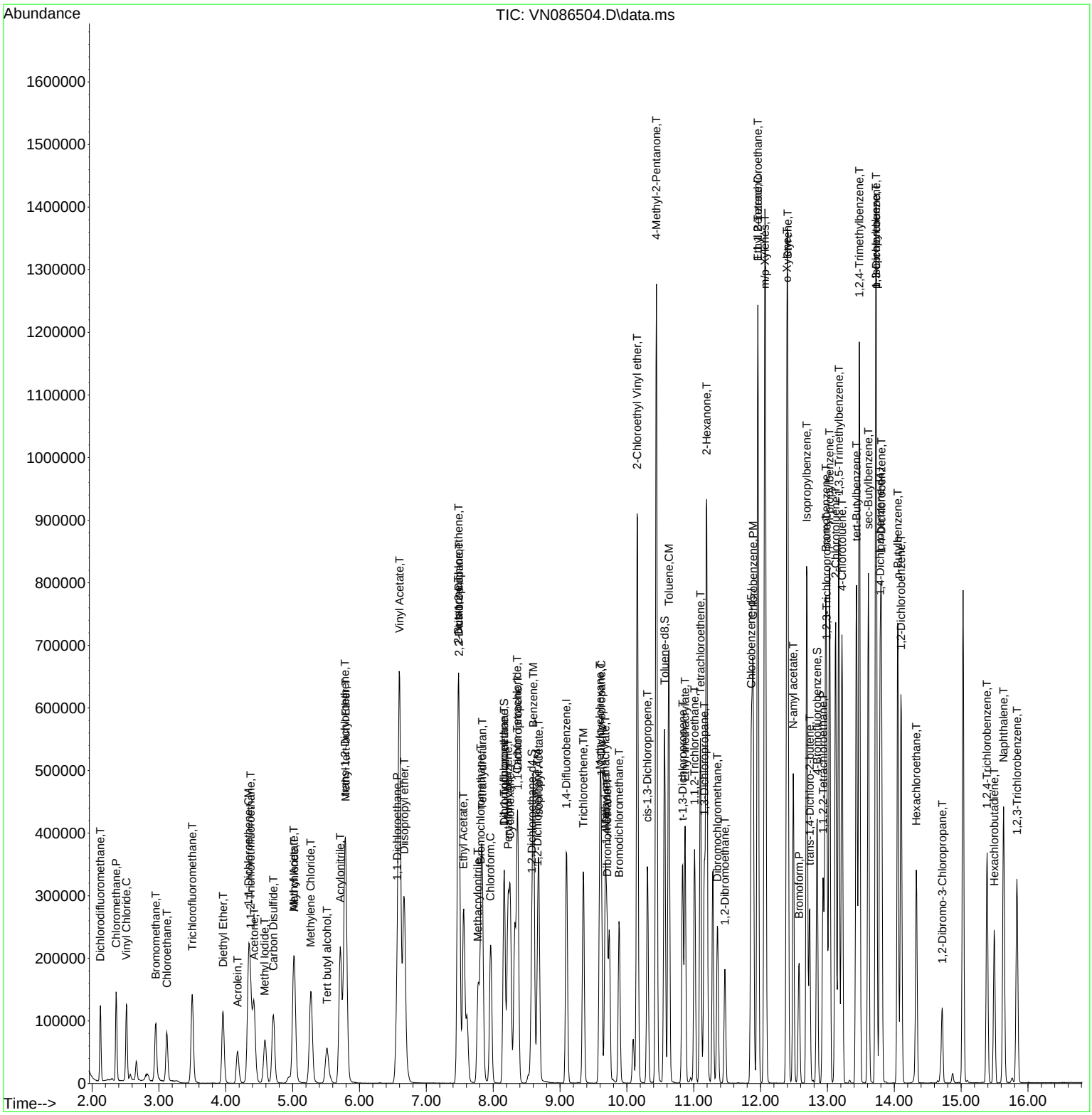
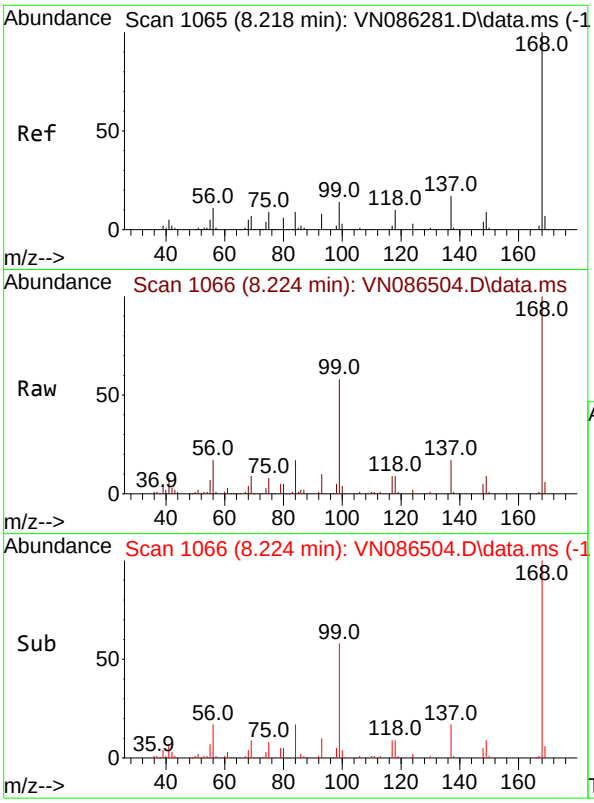
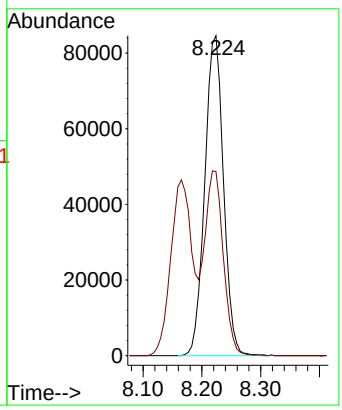




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:168 Resp: 18697

Ion	Ratio	Lower	Upper
168	100		
99	57.5	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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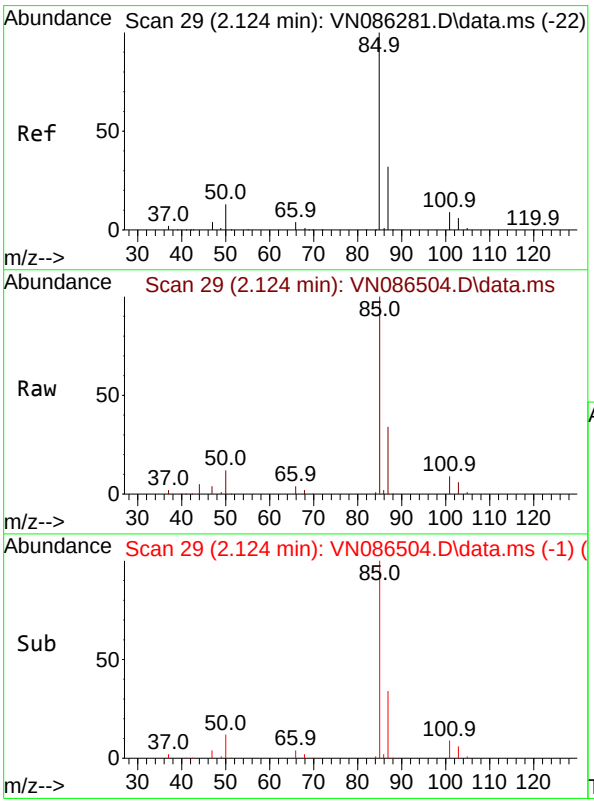
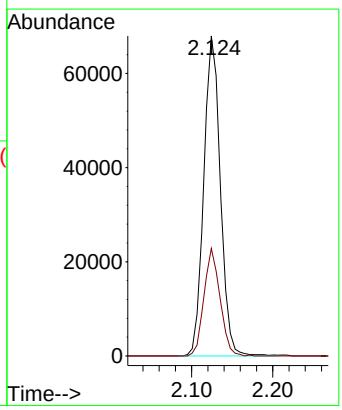
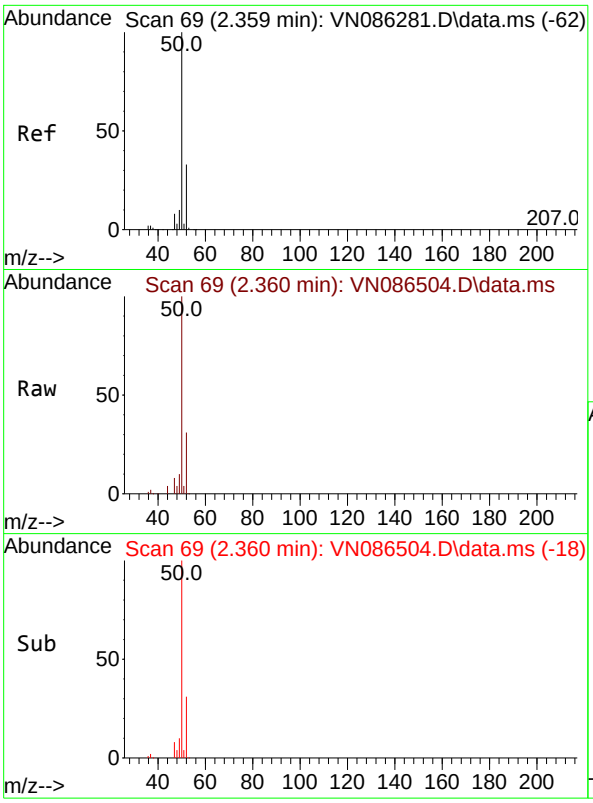


#2
Dichlorodifluoromethane
Concen: 43.500 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 85 Resp: 96414

Ion	Ratio	Lower	Upper
85	100		
87	33.6	16.3	48.8

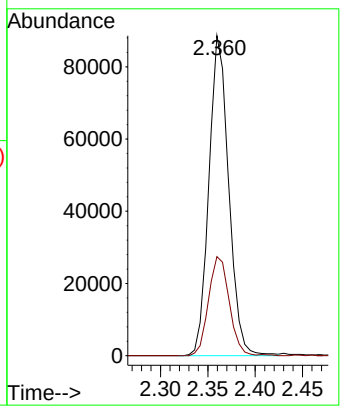




#3
Chloromethane
Concen: 39.987 ug/l
RT: 2.360 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 50 Resp: 12880

Ion	Ratio	Lower	Upper
50	100		
52	31.0	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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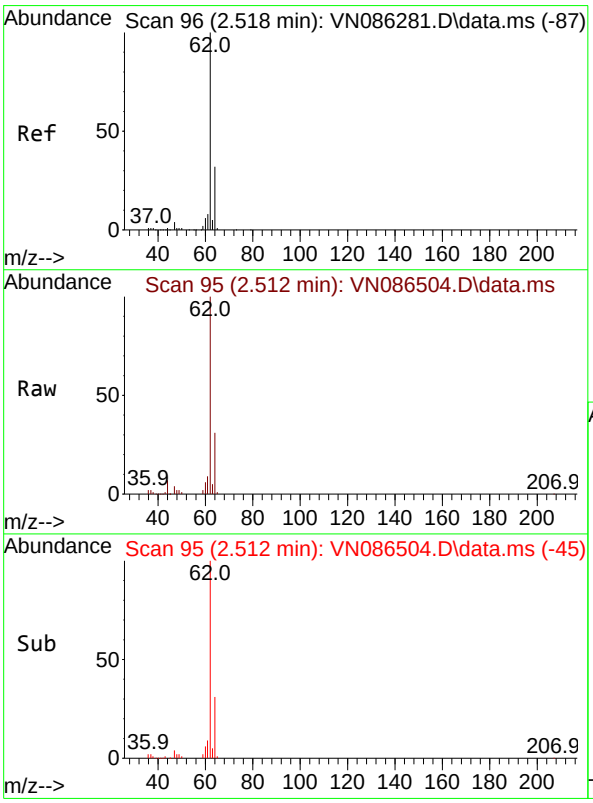
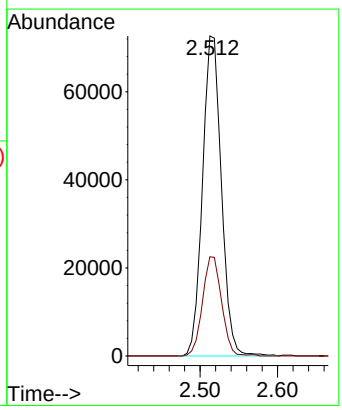
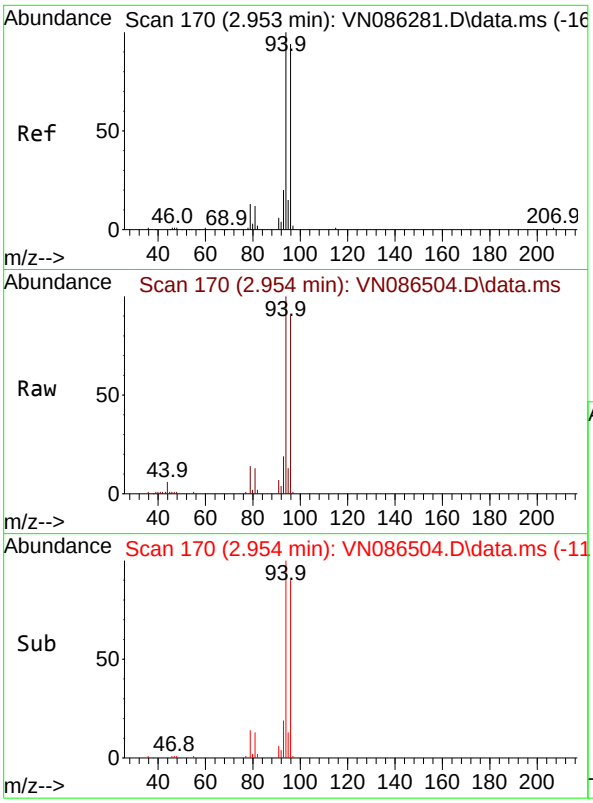


#4
Vinyl Chloride
Concen: 39.936 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 62 Resp: 122759

Ion	Ratio	Lower	Upper
62	100		
64	31.0	25.6	38.4

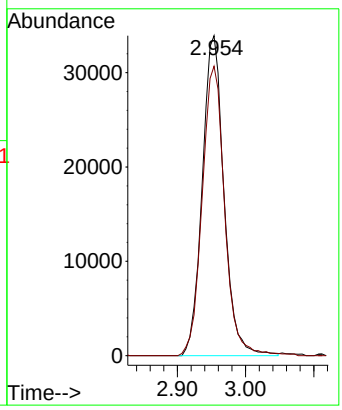




#5
Bromomethane
Concen: 54.322 ug/l
RT: 2.954 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 94 Resp: 7511

Ion	Ratio	Lower	Upper
94	100		
96	90.4	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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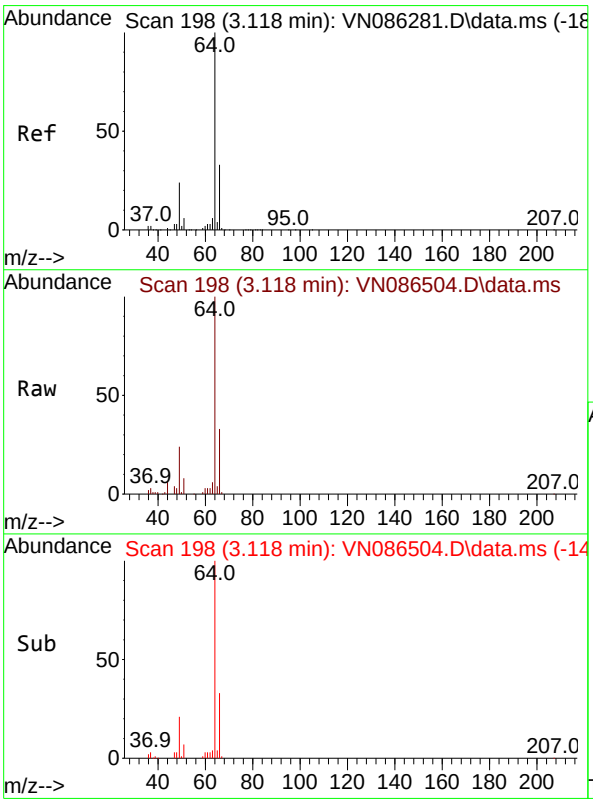
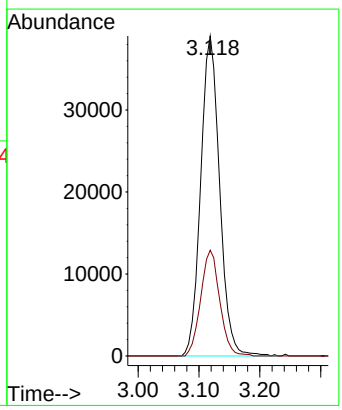
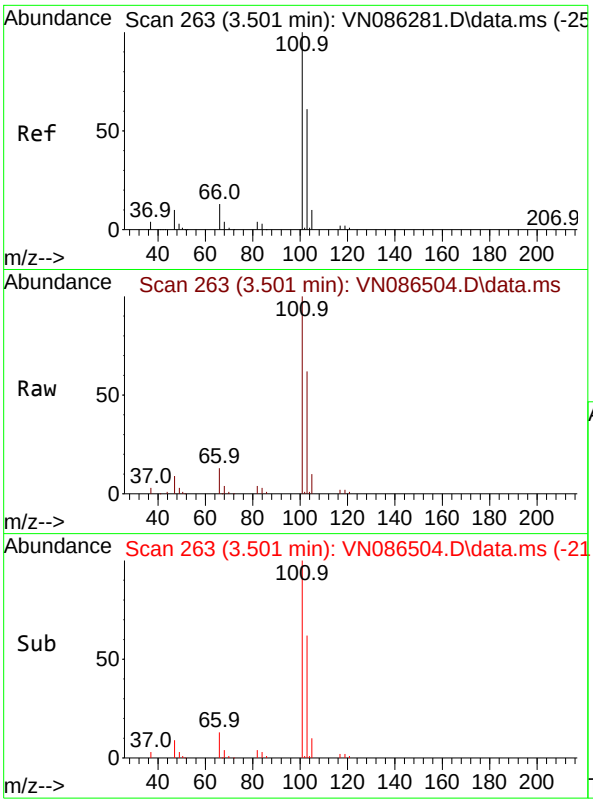


#6
Chloroethane
Concen: 40.974 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 64 Resp: 84296

Ion	Ratio	Lower	Upper
64	100		
66	33.0	26.2	39.2

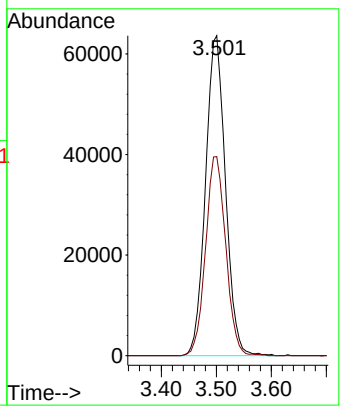




#7
Trichlorofluoromethane
Concen: 47.087 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:101 Resp: 16032

Ion	Ratio	Lower	Upper
101	100		
103	62.2	49.2	73.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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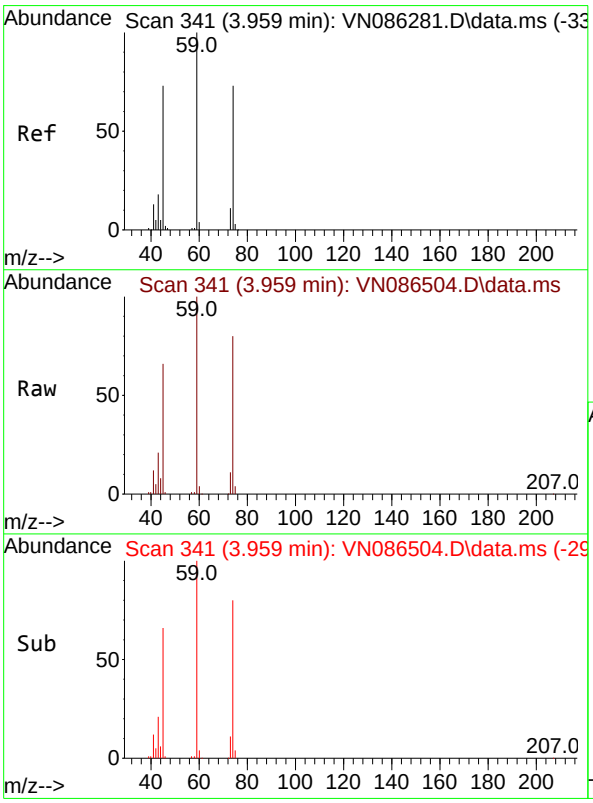
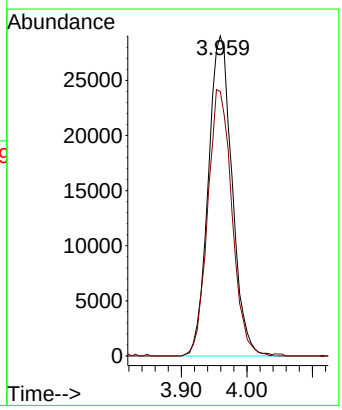
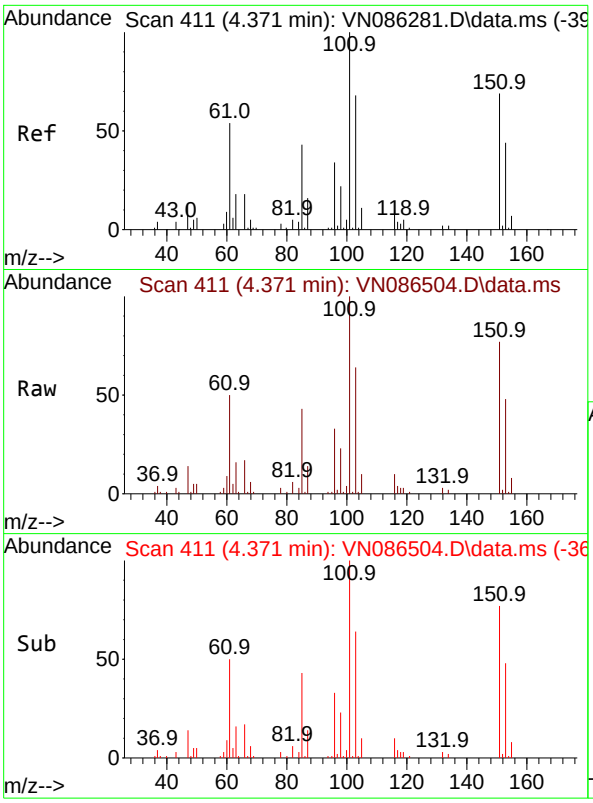


#8
Diethyl Ether
Concen: 49.246 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 74 Resp: 73202

Ion	Ratio	Lower	Upper
74	100		
45	84.6	48.0	144.2

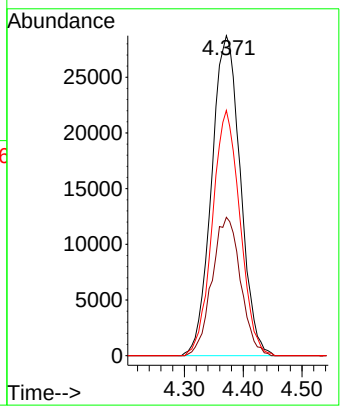




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.367 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:101 Resp: 9756

Ion	Ratio	Lower	Upper
101	100		
85	43.1	34.7	52.1
151	73.8	56.1	84.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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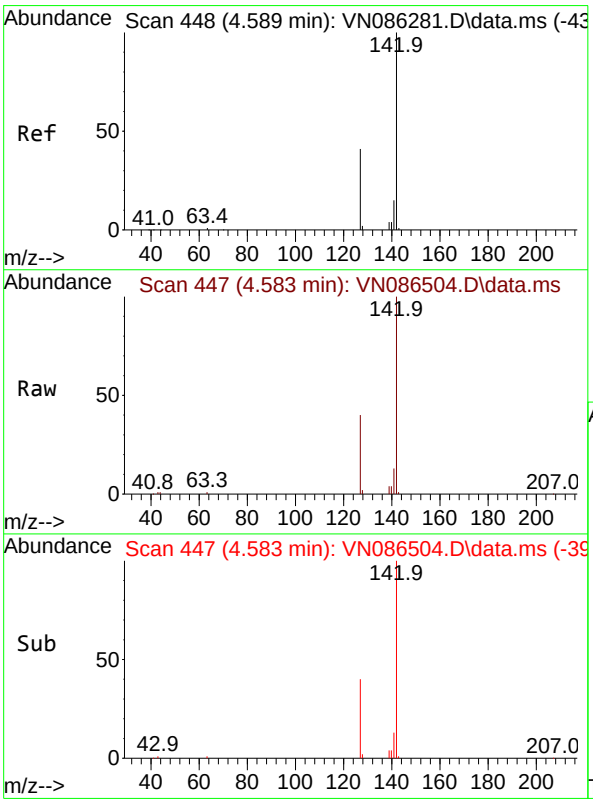
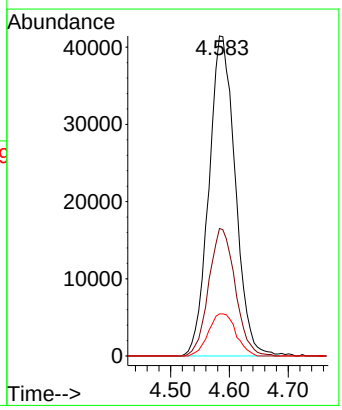
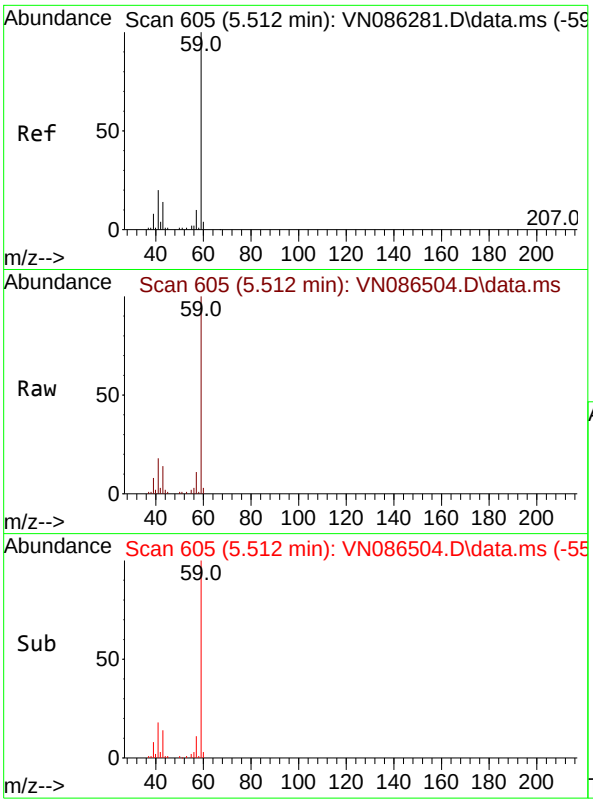


#10
Methyl Iodide
Concen: 56.950 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:142 Resp: 128968

Ion	Ratio	Lower	Upper
142	100		
127	39.8	32.7	49.1
141	13.1	11.7	17.5





#11
Tert butyl alcohol
Concen: 228.947 ug/l
RT: 5.512 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 59 Resp: 11325

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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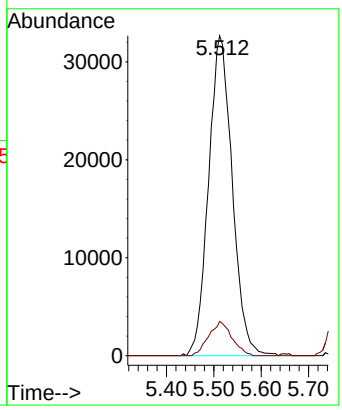
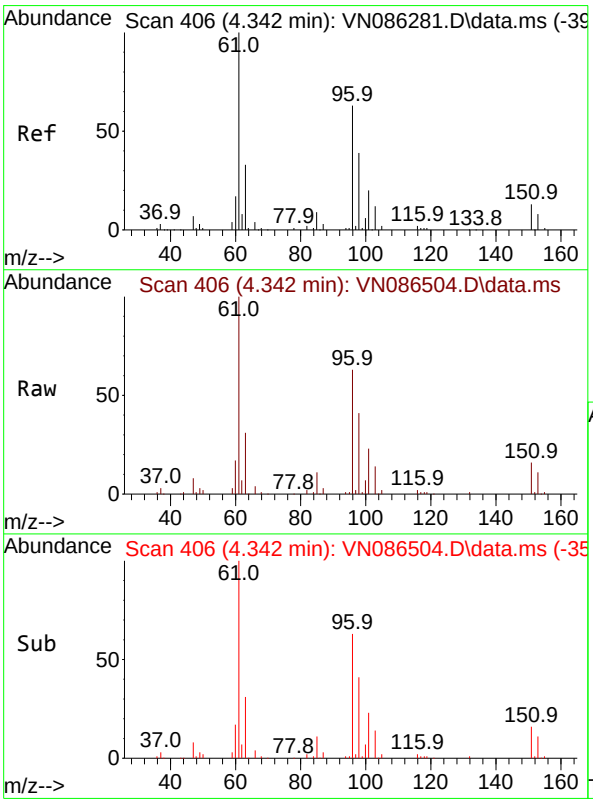
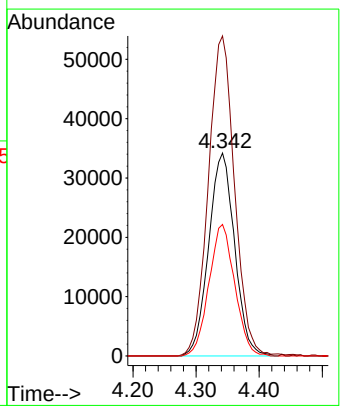


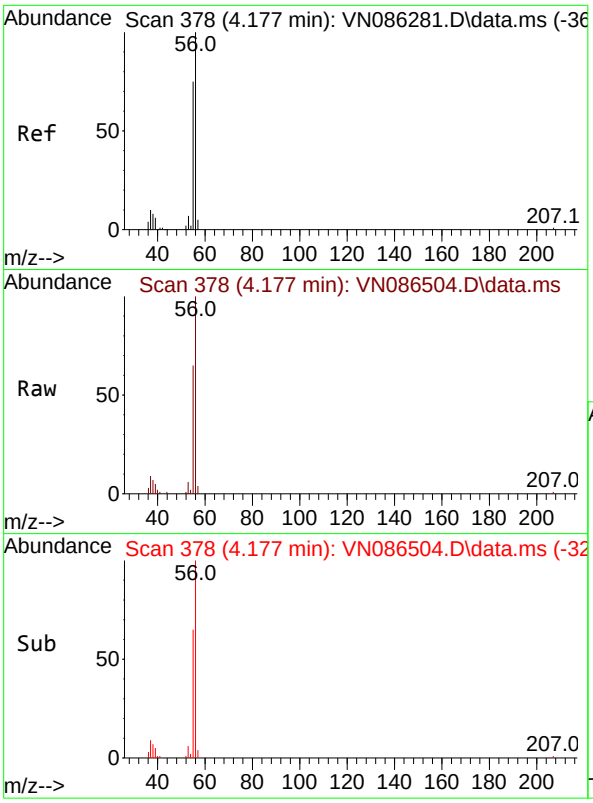


#12
1,1-Dichloroethene
Concen: 44.312 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 96 Resp: 97515

Ion	Ratio	Lower	Upper
96	100		
61	157.7	126.6	189.8
98	64.8	49.6	74.4

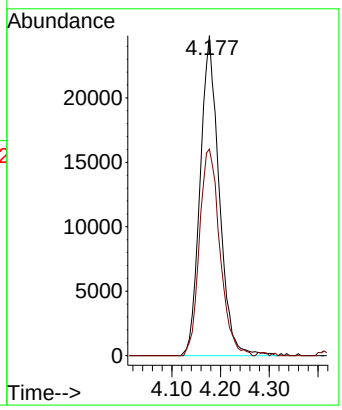




#13
Acrolein
Concen: 293.679 ug/l
RT: 4.177 min Scan# 3
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 56 Resp: 6713

Ion	Ratio	Lower	Upper
56	100		
55	69.5	58.5	87.7



Instrument :
MSVOA_N
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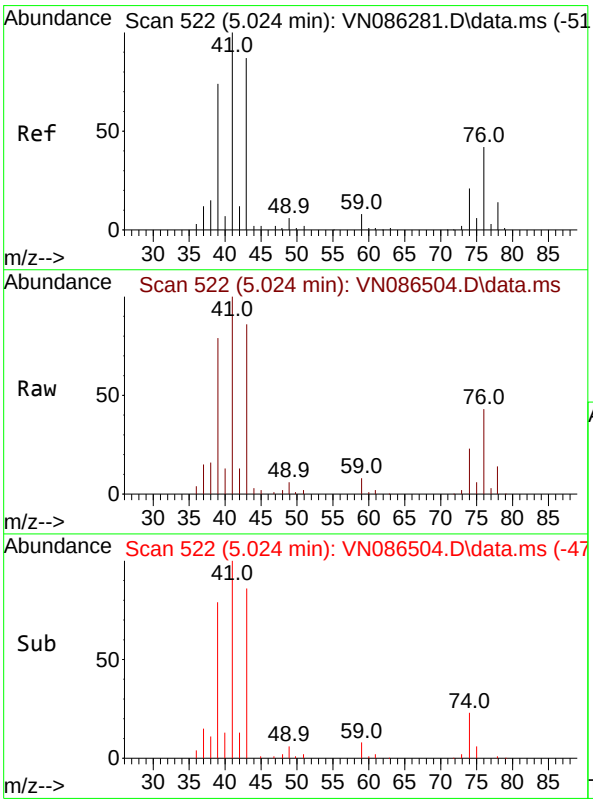
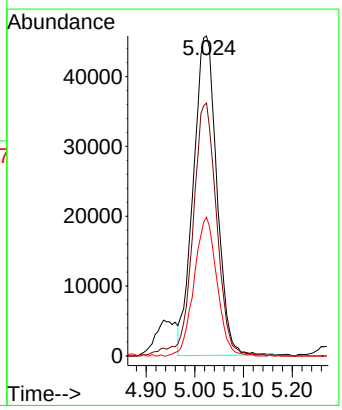
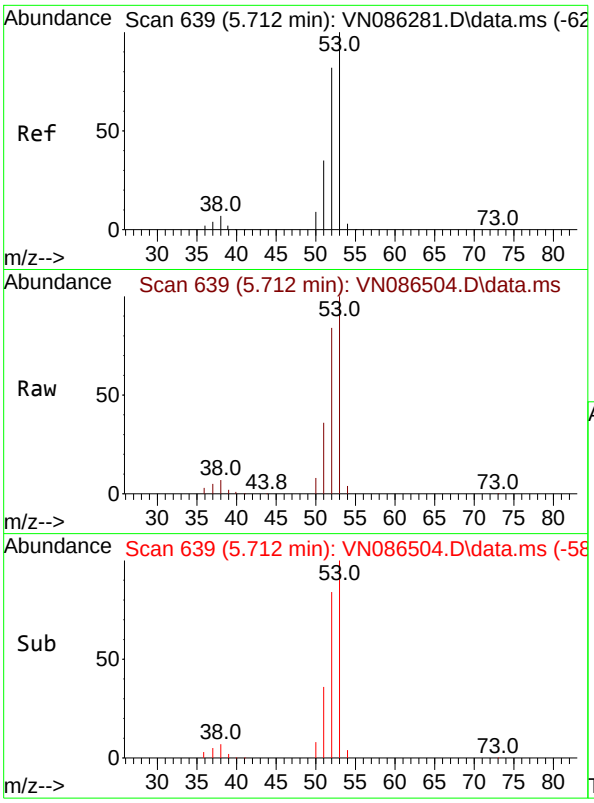


#14
Allyl chloride
Concen: 39.156 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 41 Resp: 153180

Ion	Ratio	Lower	Upper
41	100		
39	80.3	59.2	88.8
76	42.2	31.2	46.8





#15
Acrylonitrile
Concen: 234.814 ug/l
RT: 5.712 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 53 Resp: 28715

Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	36.0	28.6	42.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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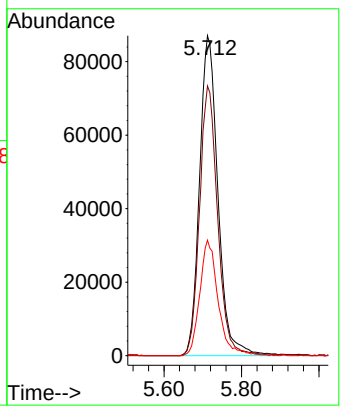
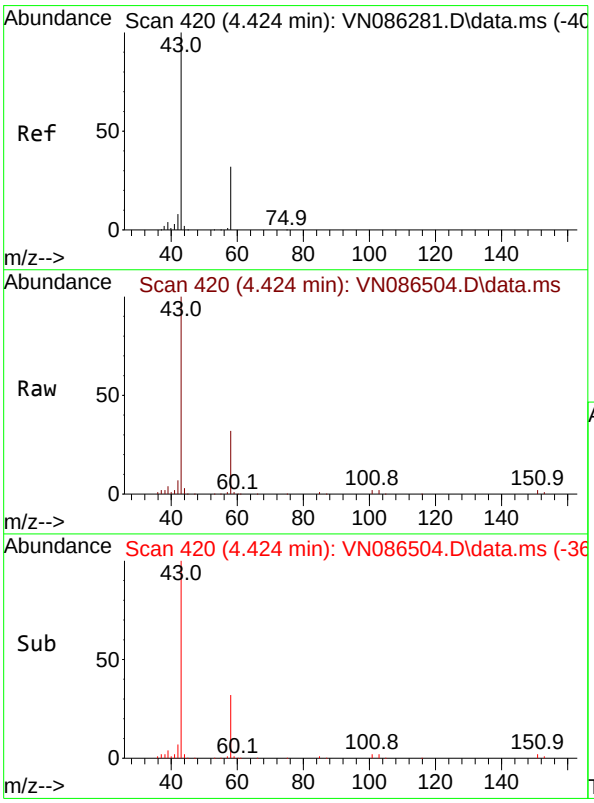
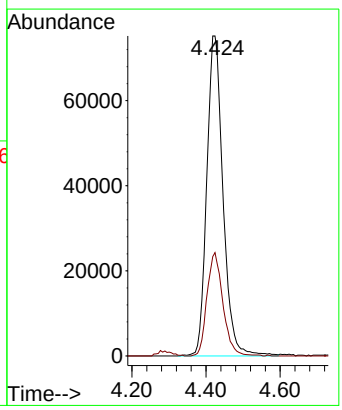


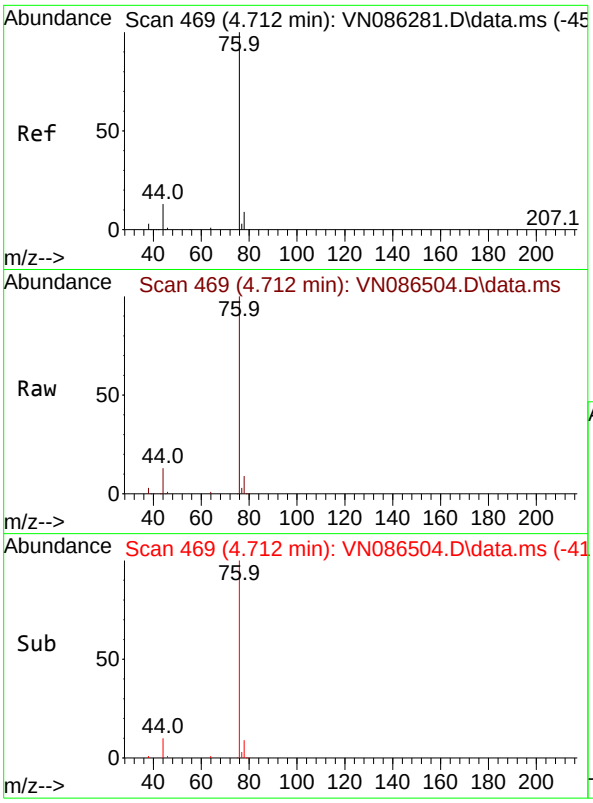


#16
Acetone
Concen: 244.342 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 229166

Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.3	37.9

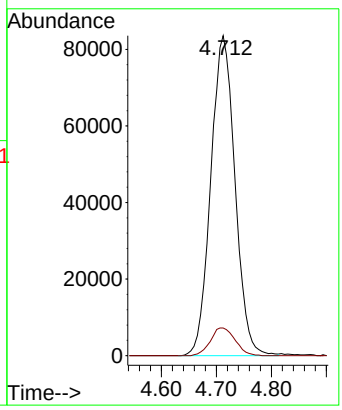




#17
Carbon Disulfide
Concen: 38.837 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 76 Resp: 25590

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.6	11.4



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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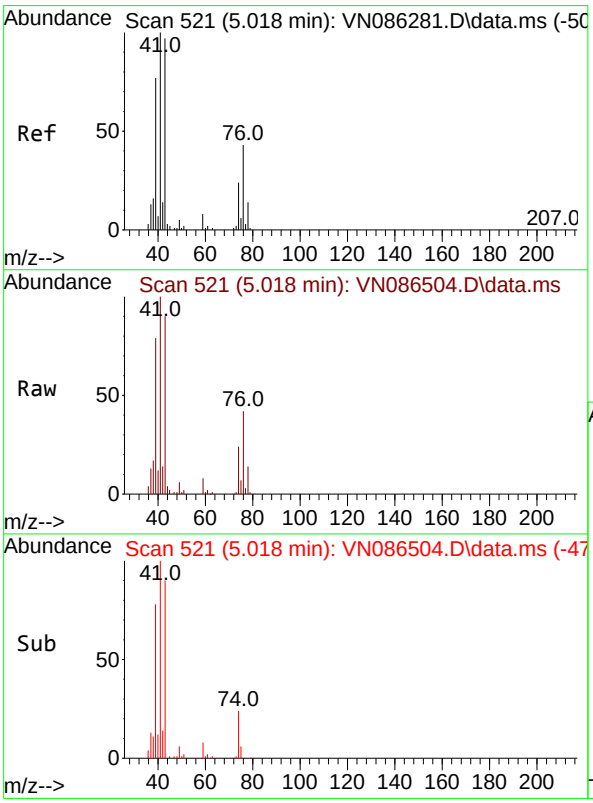
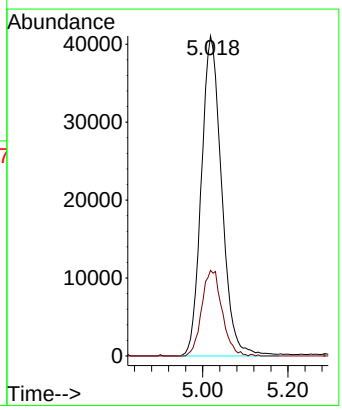
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

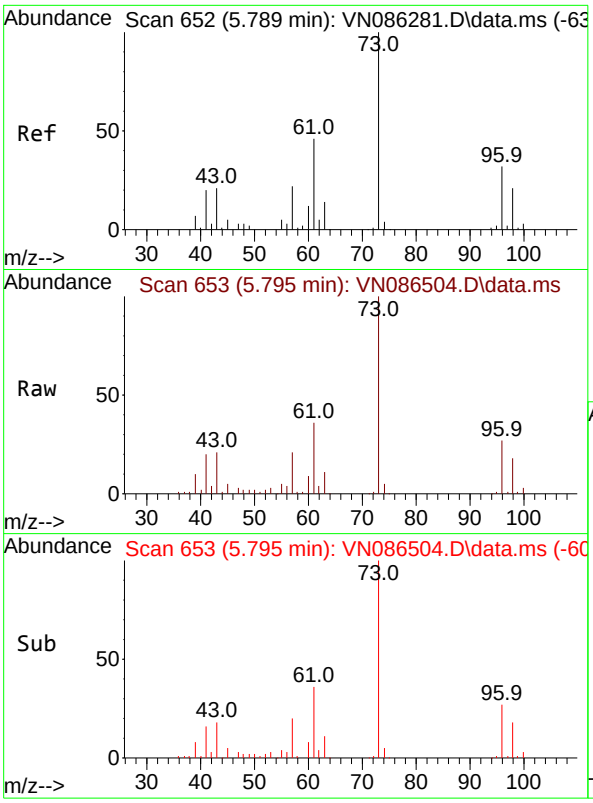


#18
Methyl Acetate
Concen: 41.778 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 135966

Ion	Ratio	Lower	Upper
43	100		
74	26.7	19.8	29.6

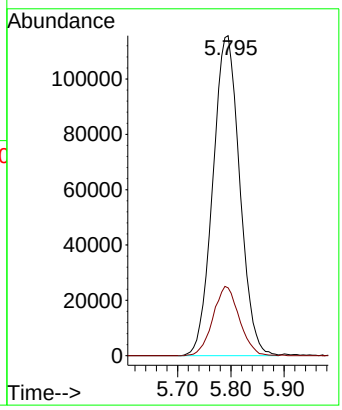




#19
Methyl tert-butyl Ether
Concen: 50.044 ug/l
RT: 5.795 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 73 Resp: 40482

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.6	26.4



Instrument :
MSVOA_N
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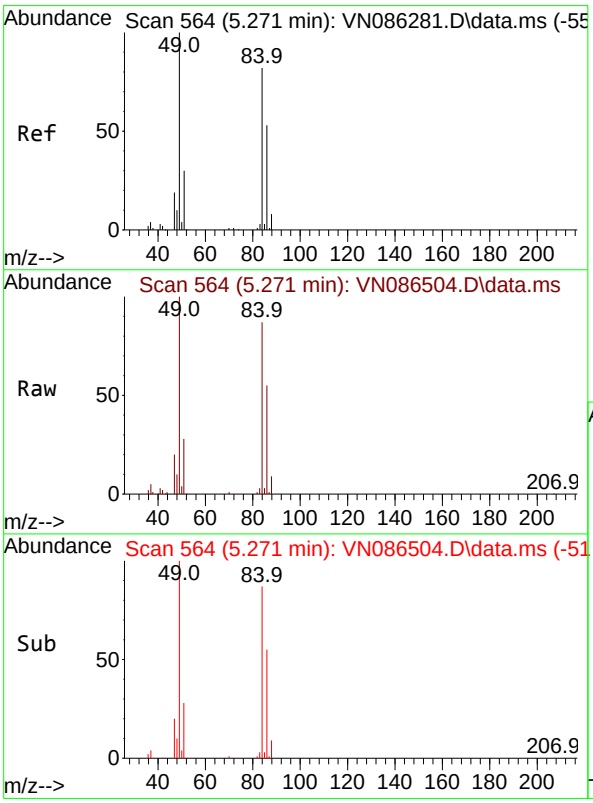
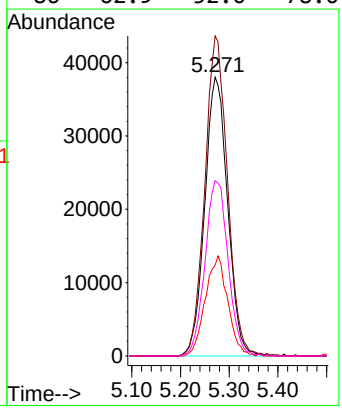
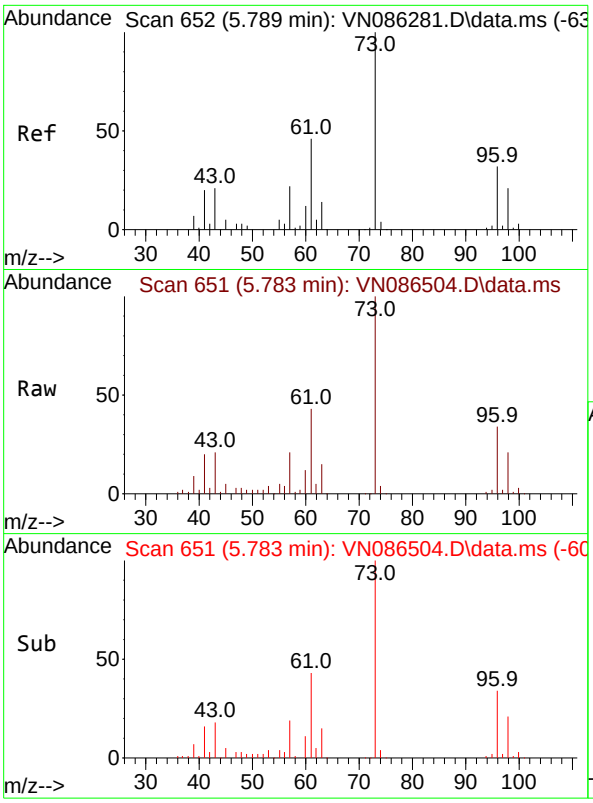


#20
Methylene Chloride
Concen: 49.351 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 84 Resp: 123698

Ion	Ratio	Lower	Upper
84	100		
49	114.8	98.2	147.2
51	32.6	29.8	44.6
86	62.9	52.0	78.0

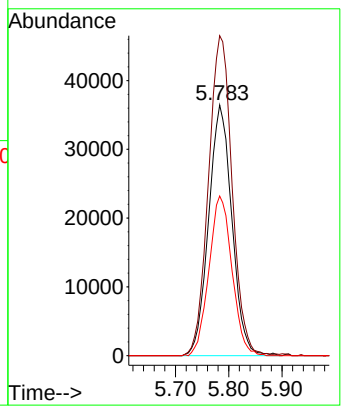




#21
trans-1,2-Dichloroethene
Concen: 48.068 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 96 Resp: 11059

Ion	Ratio	Lower	Upper
96	100		
61	127.6	114.6	171.8
98	63.7	51.2	76.8



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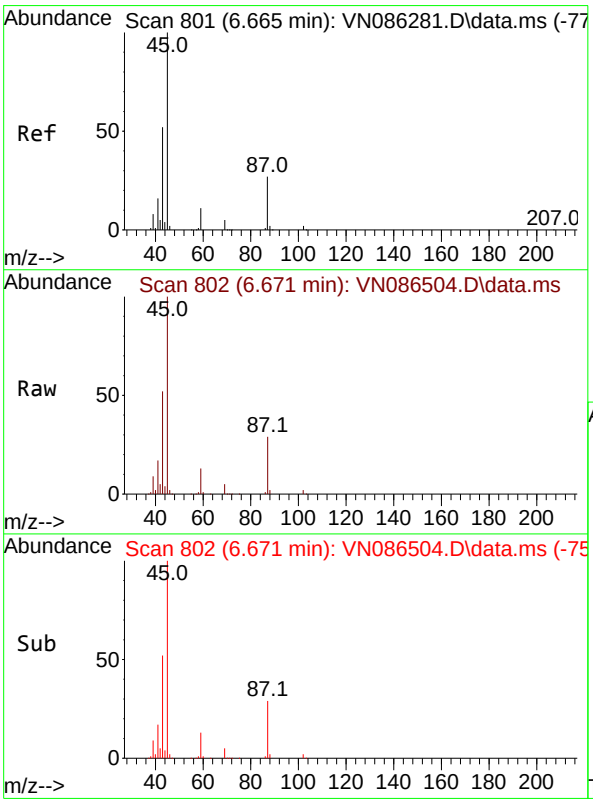
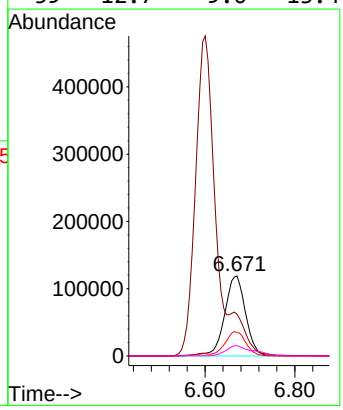
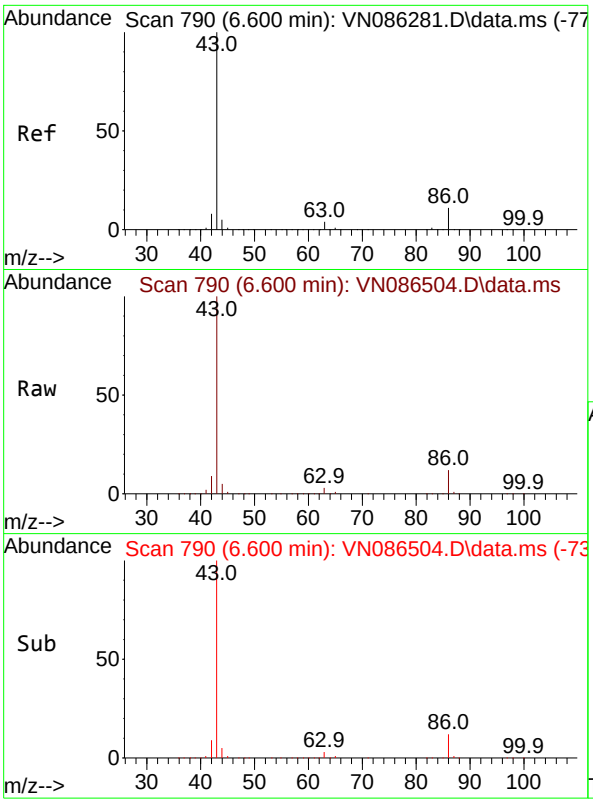


#22
Diisopropyl ether
Concen: 45.301 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 45 Resp: 385514

Ion	Ratio	Lower	Upper
45	100		
43	51.4	41.8	62.8
87	29.2	21.6	32.4
59	12.7	9.0	13.4





#23
Vinyl Acetate
Concen: 233.806 ug/l
RT: 6.600 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 139091

Ion	Ratio	Lower	Upper
43	100		
86	12.0	8.6	13.0

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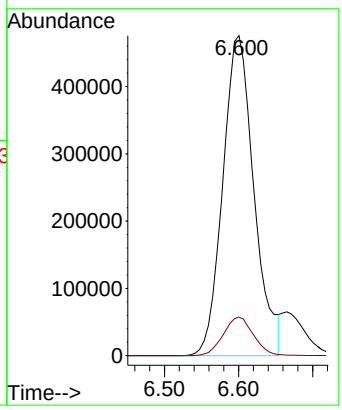
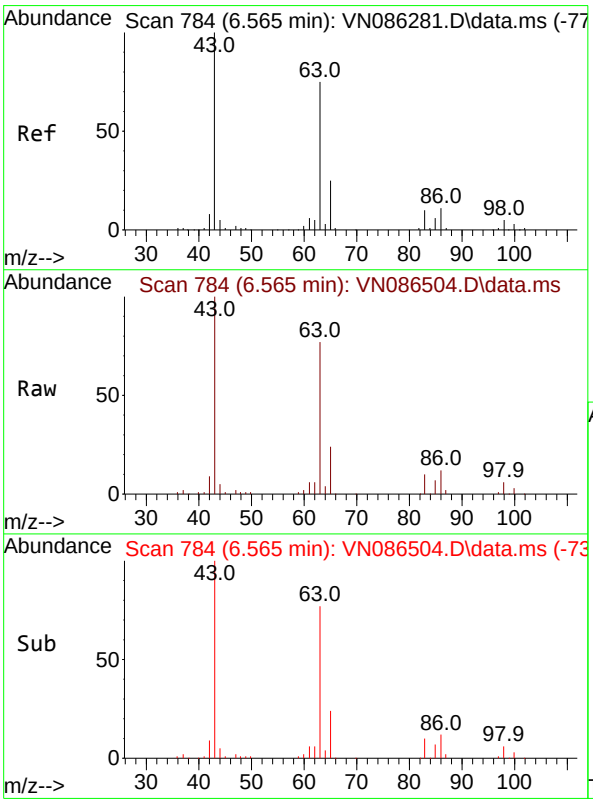
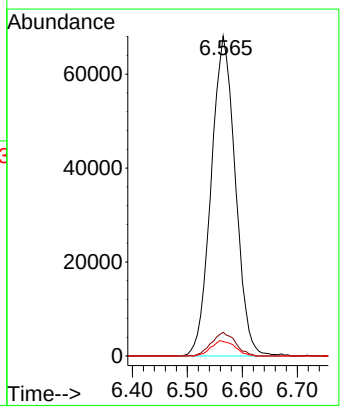


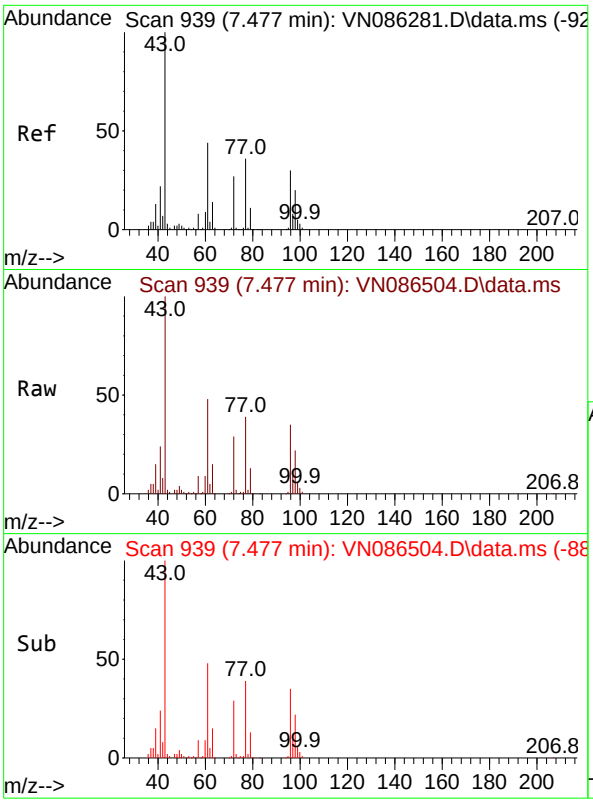


#24
1,1-Dichloroethane
Concen: 46.419 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 63 Resp: 208432

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.4	10.2
100	4.5	2.1	6.5





#25
2-Butanone
Concen: 224.541 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 37893

Ion	Ratio	Lower	Upper
43	100		
72	29.2	21.7	32.5

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ClientSampleId :
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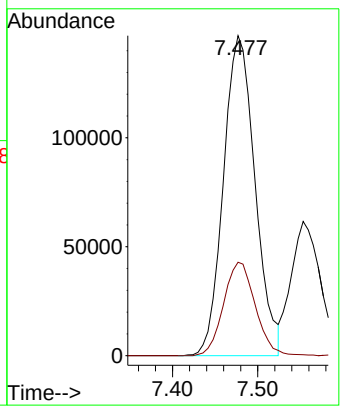
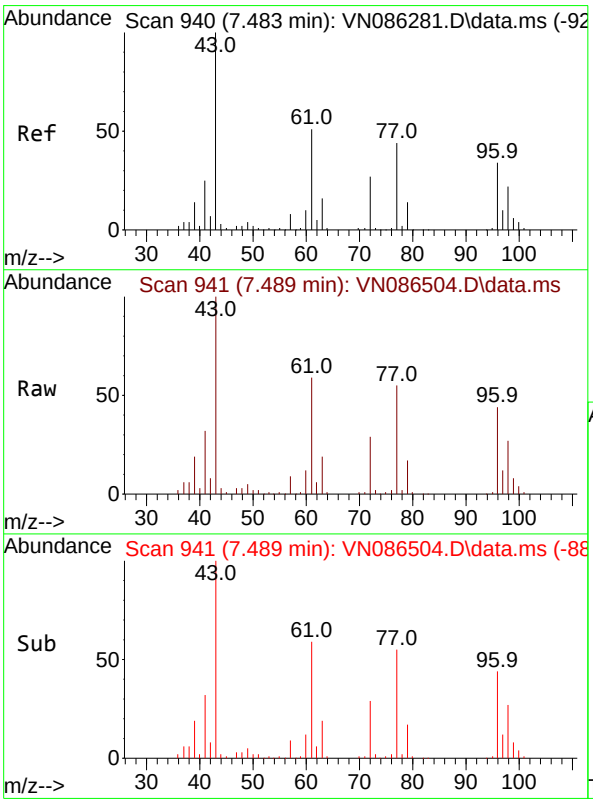
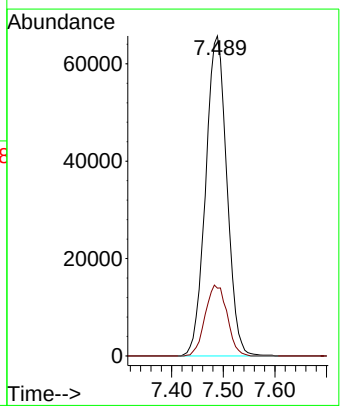


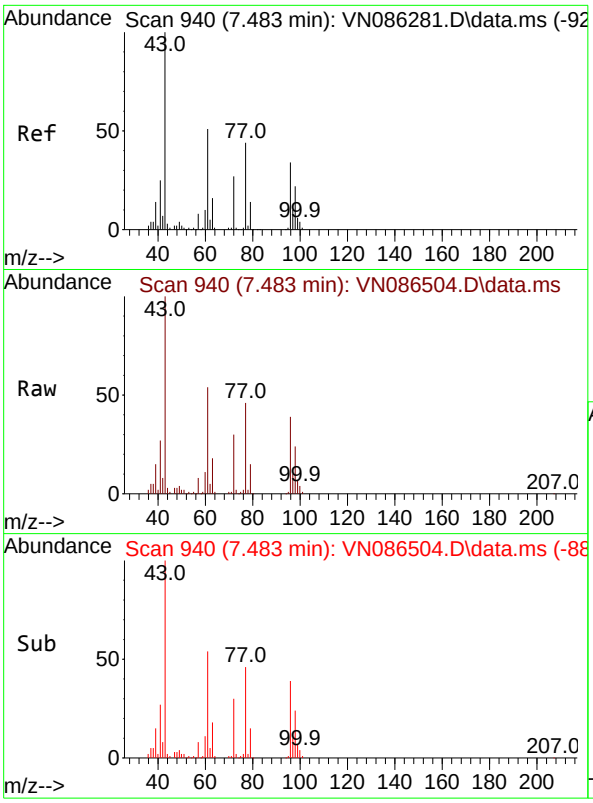


#26
2,2-Dichloropropane
Concen: 46.561 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 77 Resp: 187192

Ion	Ratio	Lower	Upper
77	100		
97	22.9	11.2	33.5





#27
cis-1,2-Dichloroethene
Concen: 50.460 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 96 Resp: 14409

Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	299.0
98	62.9	0.0	129.6

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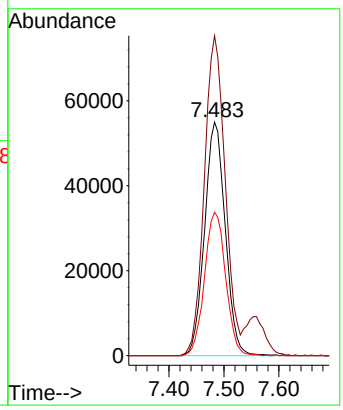
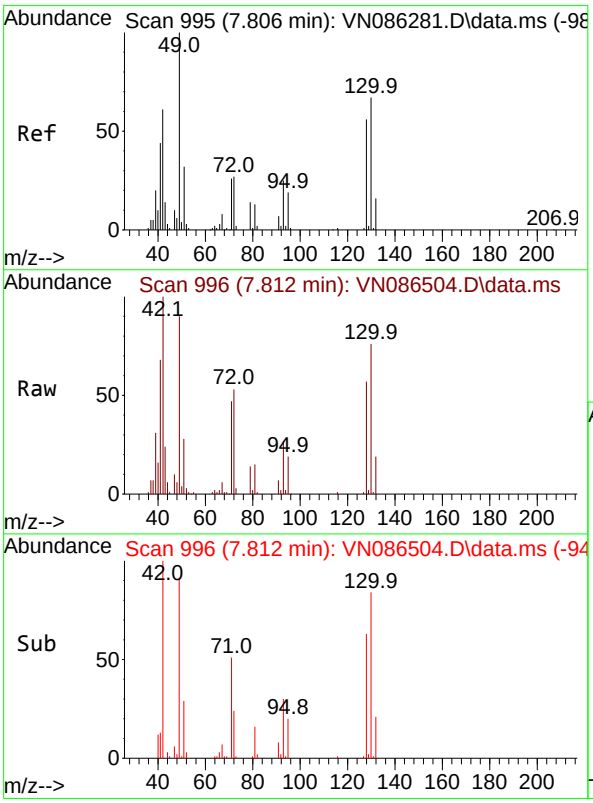
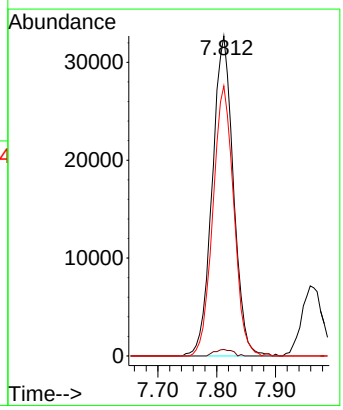


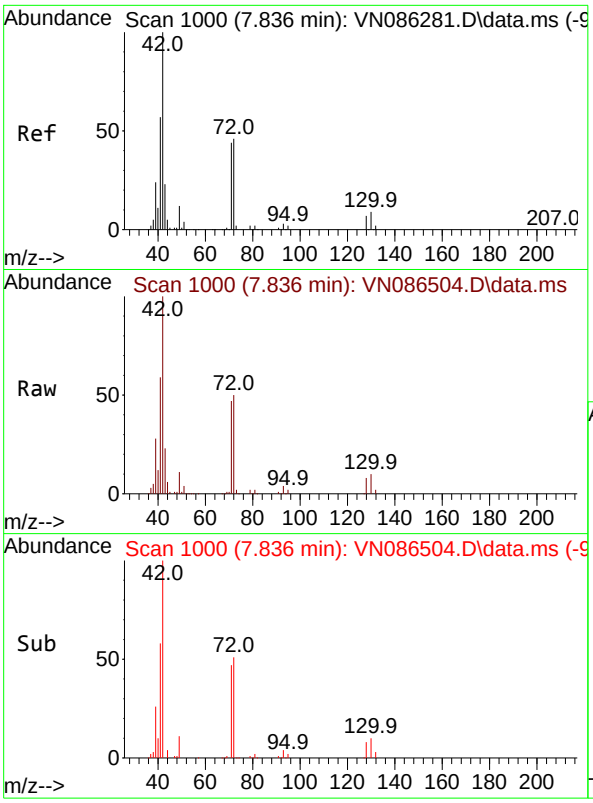


#28
Bromochloromethane
Concen: 42.971 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 49 Resp: 81811

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	82.9	57.1	85.7

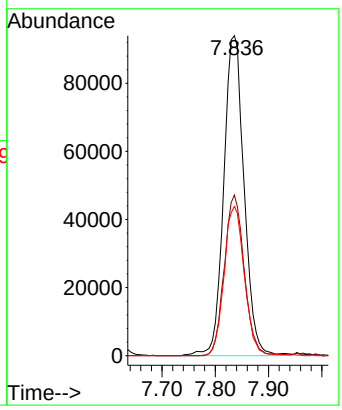




#29
Tetrahydrofuran
Concen: 220.791 ug/l
RT: 7.836 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 42 Resp: 24916

Ion	Ratio	Lower	Upper
42	100		
72	49.3	36.2	54.4
71	46.7	34.0	51.0



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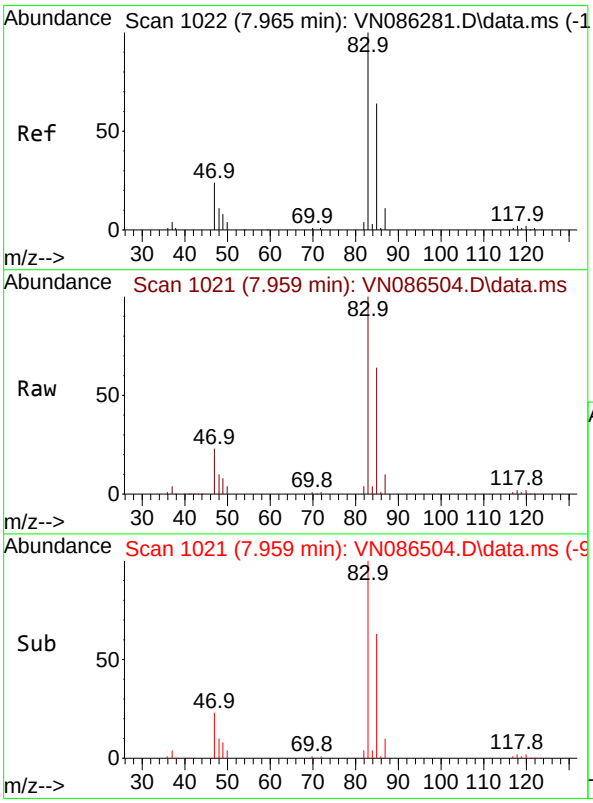
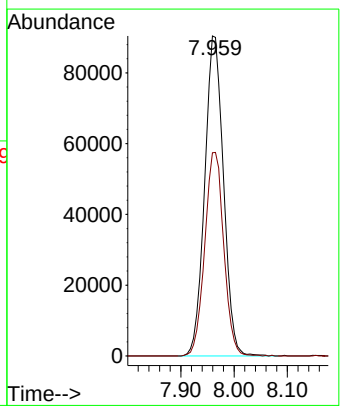
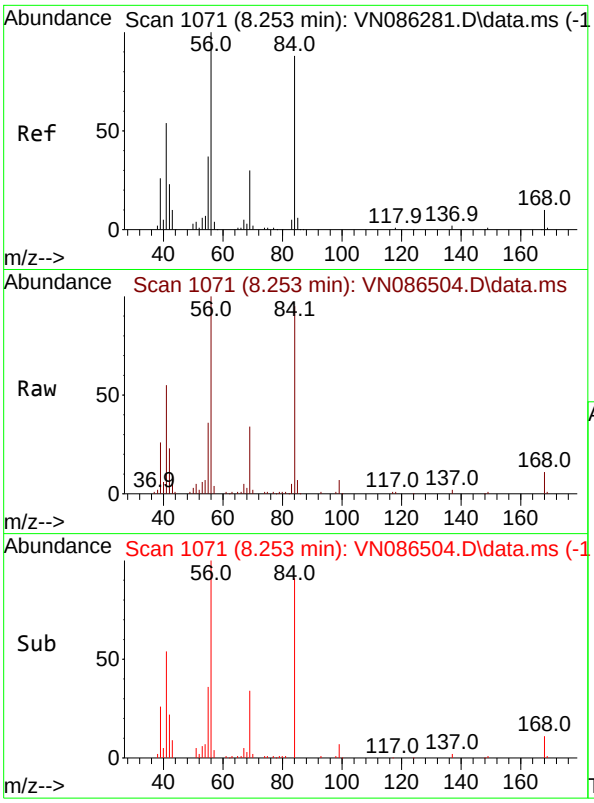


#30
Chloroform
Concen: 50.306 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 83 Resp: 221894

Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.5	77.3

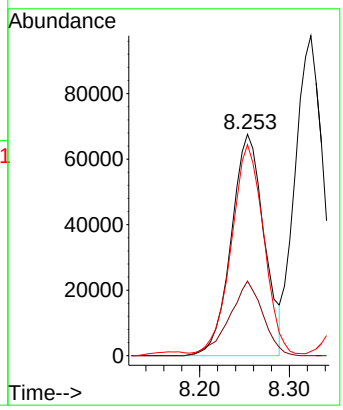




#31
Cyclohexane
Concen: 39.129 ug/l
RT: 8.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 56 Resp: 17192

Ion	Ratio	Lower	Upper
56	100		
69	33.7	24.2	36.2
84	93.6	70.3	105.5



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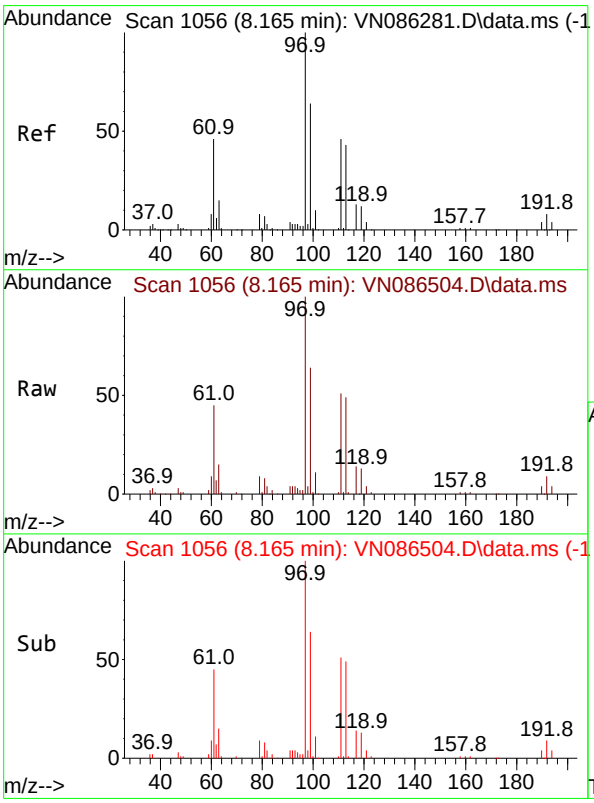
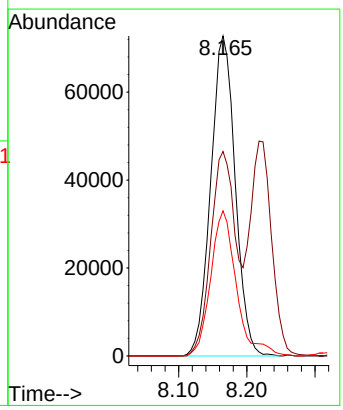
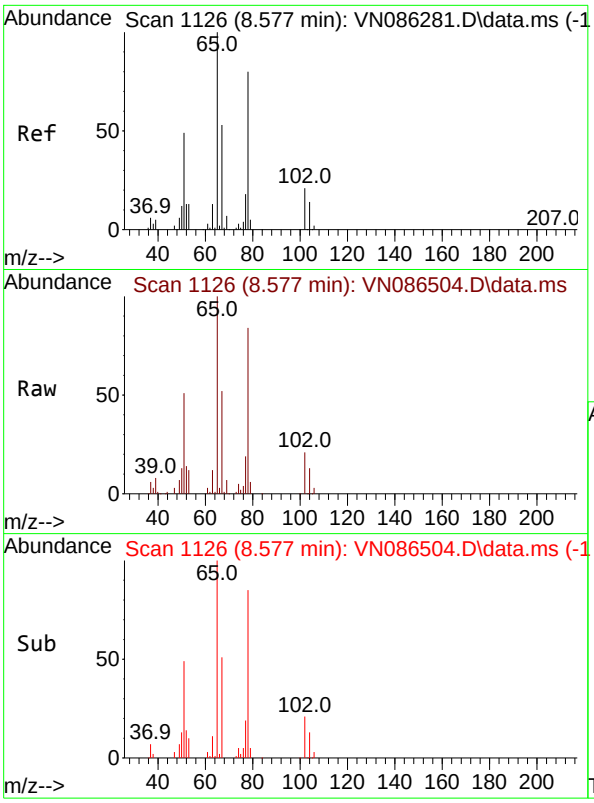


#32
1,1,1-Trichloroethane
Concen: 48.218 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 97 Resp: 181942

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.7	79.1
61	47.6	39.5	59.3

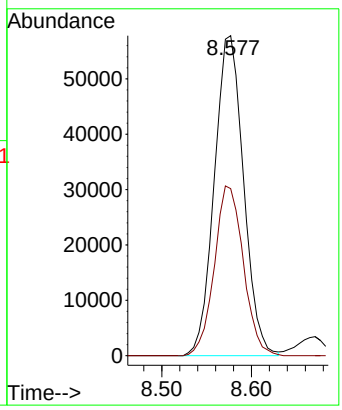




#33
1,2-Dichloroethane-d4
Concen: 48.151 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 65 Resp: 13055

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.0



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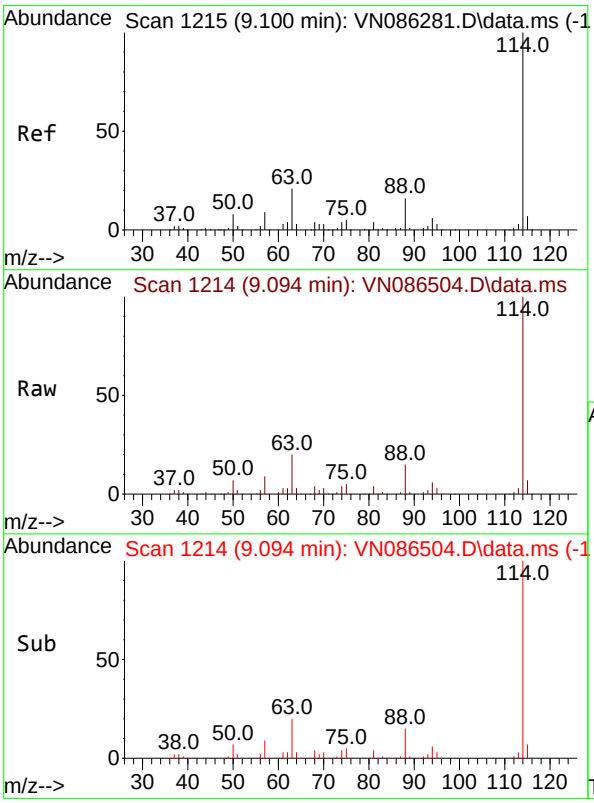
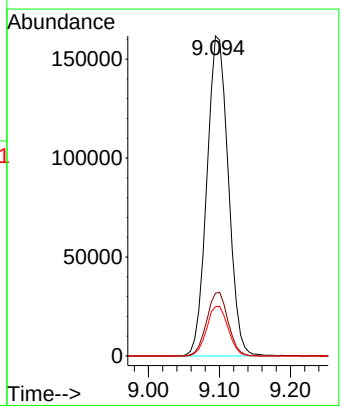
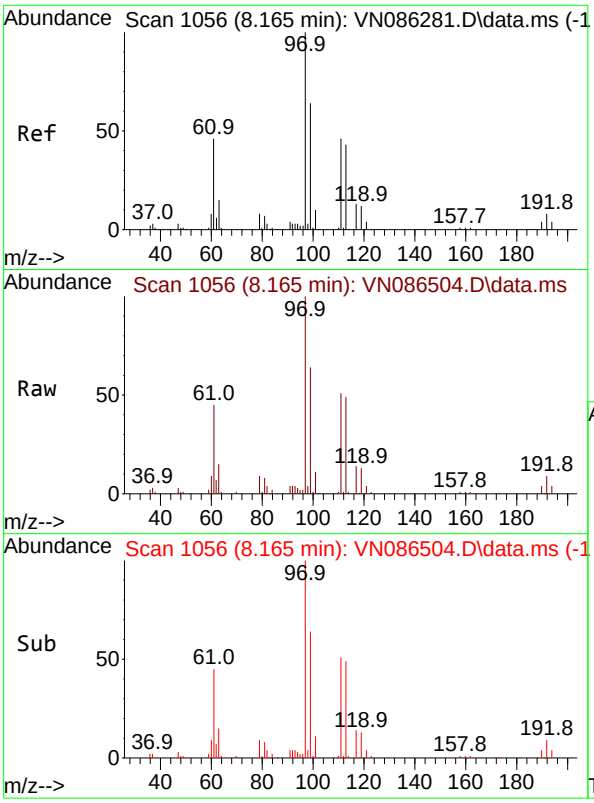


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:114 Resp: 338775

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.6
88	15.4	0.0	31.8

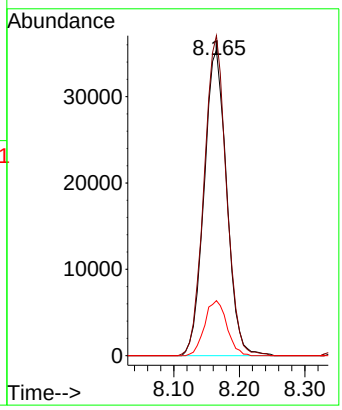




#35
Dibromofluoromethane
Concen: 53.831 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:113 Resp: 8463

Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.0
192	17.8	13.7	20.5



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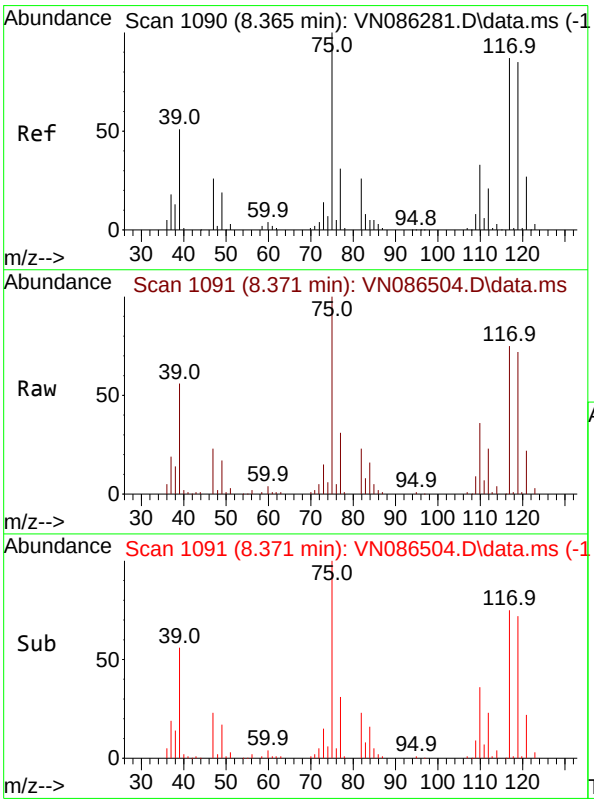
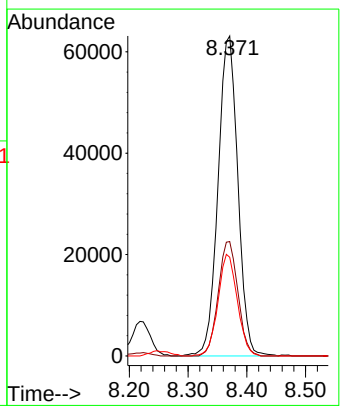
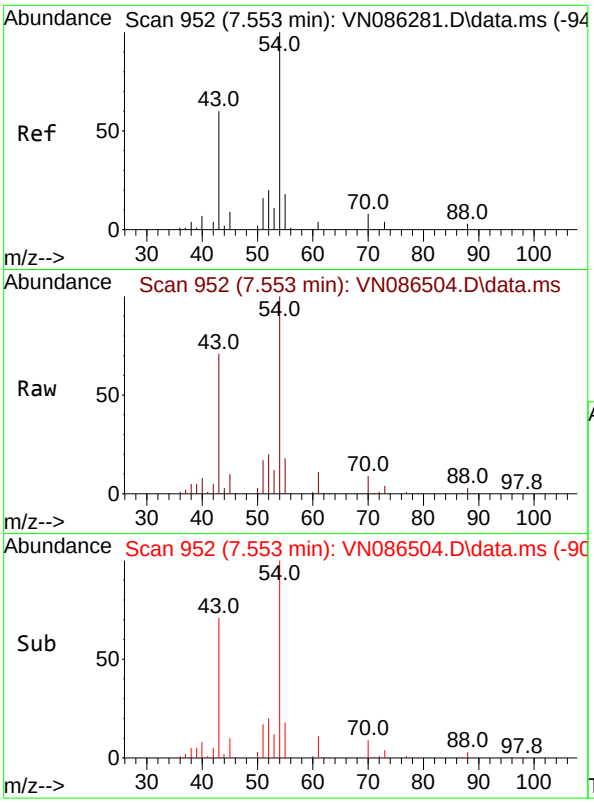


#36
1,1-Dichloropropene
Concen: 46.967 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 147497

Ion	Ratio	Lower	Upper
75	100		
110	35.5	16.8	50.4
77	31.1	24.9	37.3





#37
Ethyl Acetate
Concen: 46.172 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 15265

Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	12.0	9.2	13.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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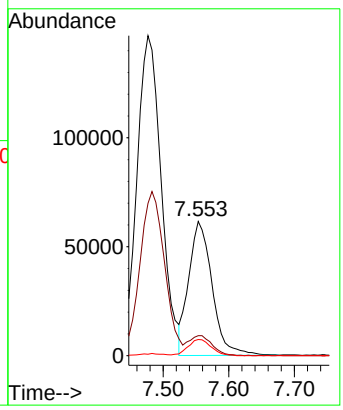
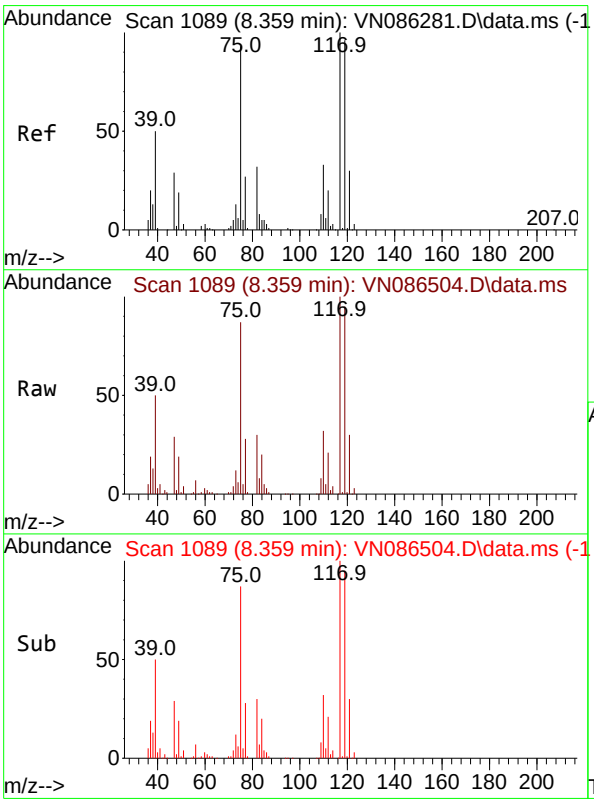
Supervised By :Mahesh Dadoda 05/07/2025

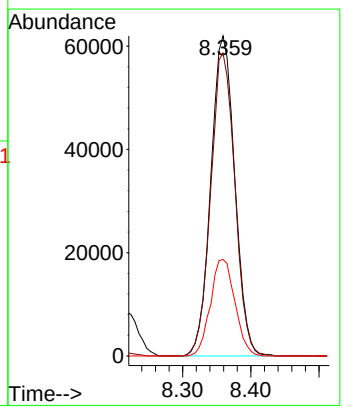


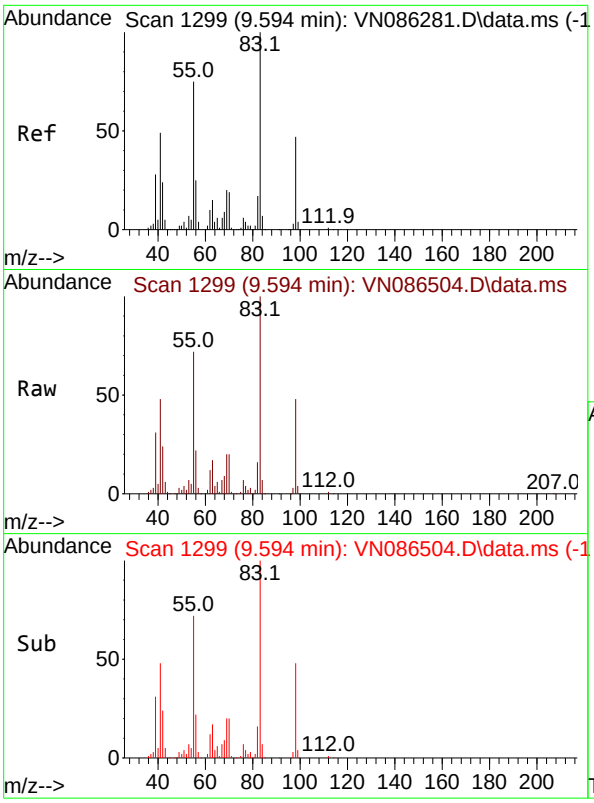


#38
Carbon Tetrachloride
Concen: 50.659 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:117 Resp: 151505

Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.8	115.2
121	30.2	23.8	35.8





#39
Methylcyclohexane
Concen: 44.873 ug/l
RT: 9.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 83 Resp: 16749

Ion	Ratio	Lower	Upper
83	100		
55	72.1	59.8	89.8
98	48.3	37.9	56.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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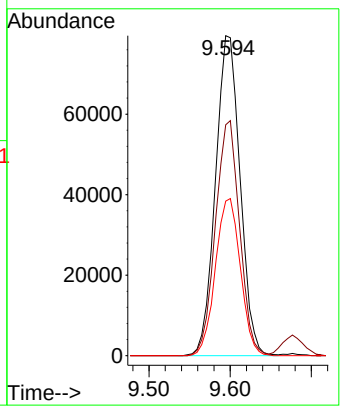
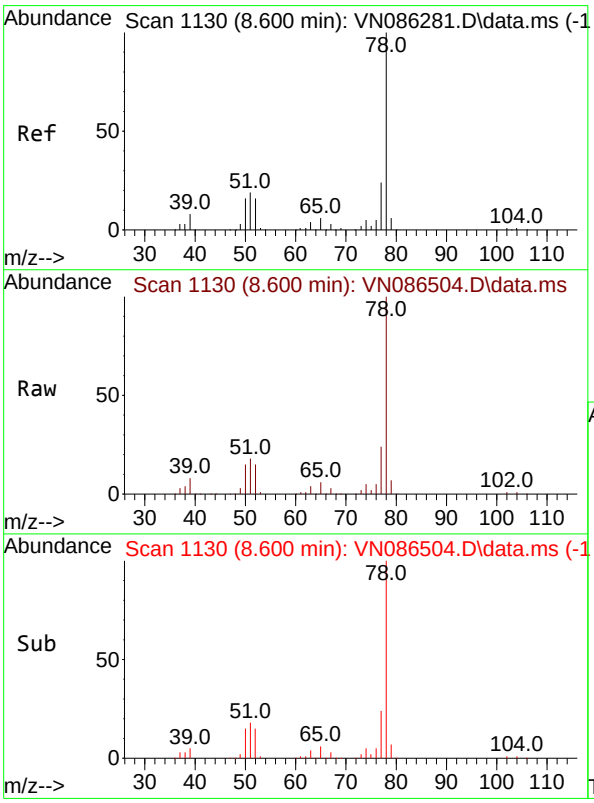
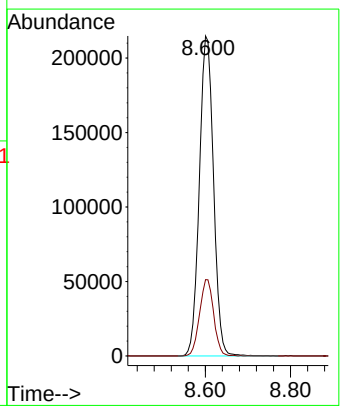


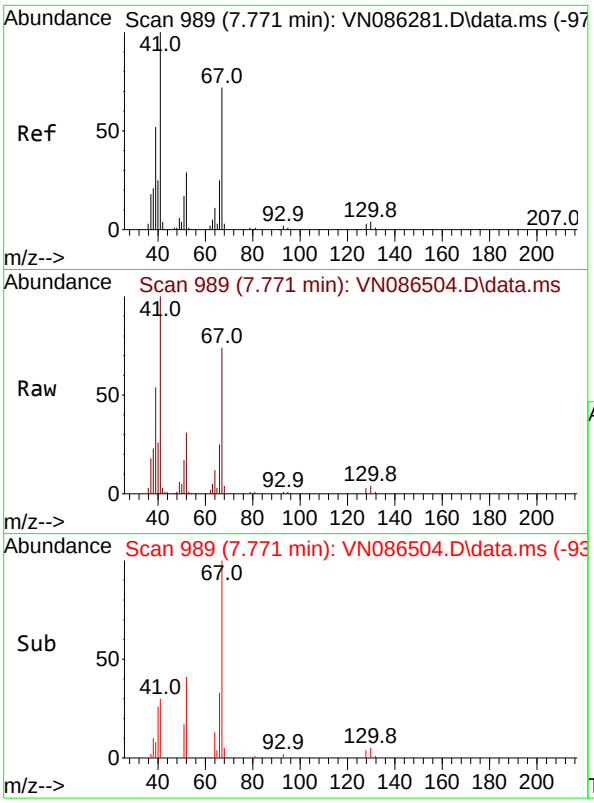


#40
Benzene
Concen: 49.232 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 78 Resp: 495357

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.2

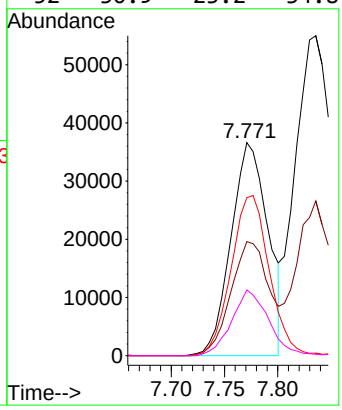




#41
Methacrylonitrile
Concen: 46.194 ug/l
RT: 7.771 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 41 Resp: 8851

Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.0	64.4
67	77.7	58.8	88.2
52	30.9	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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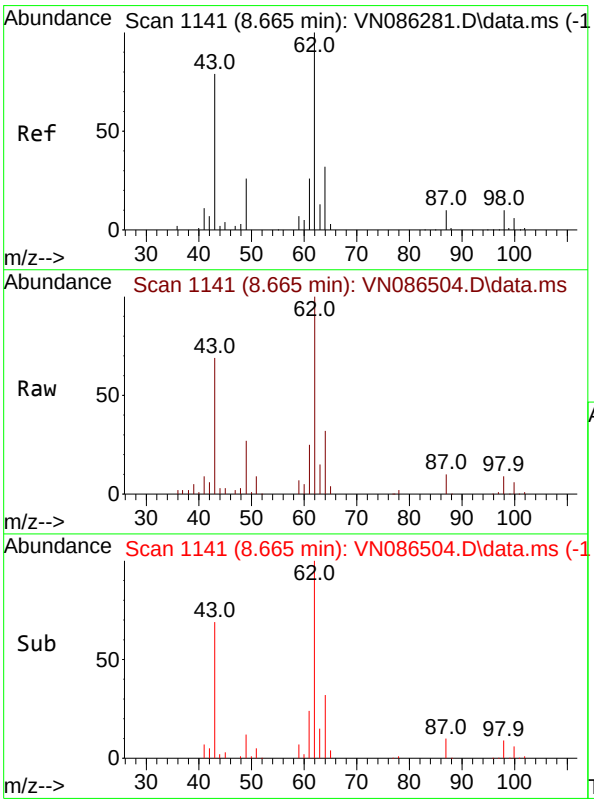
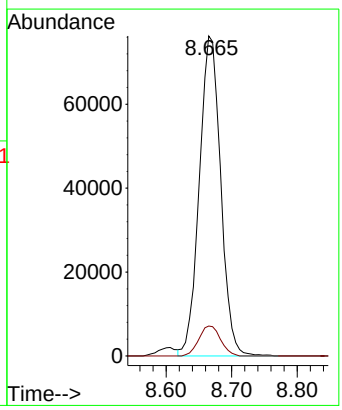
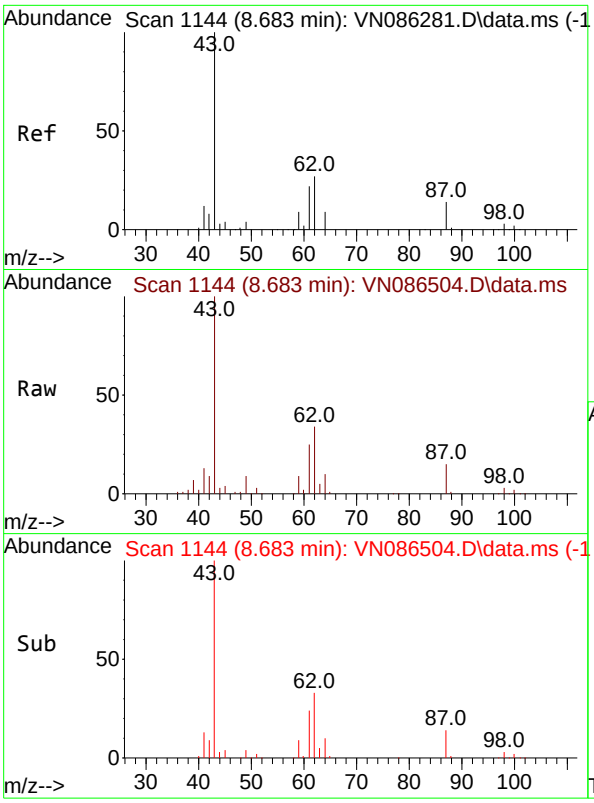


#42
1,2-Dichloroethane
Concen: 53.978 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 62 Resp: 173196

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

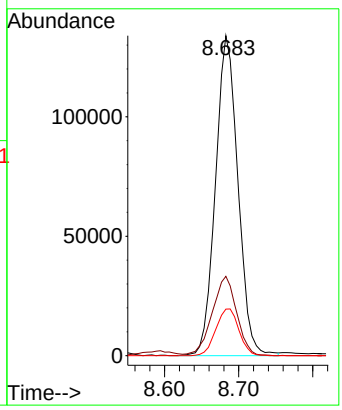




#43
Isopropyl Acetate
Concen: 47.497 ug/l
RT: 8.683 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 28187

Ion	Ratio	Lower	Upper
43	100		
61	27.0	20.5	30.7
87	15.0	10.5	15.7



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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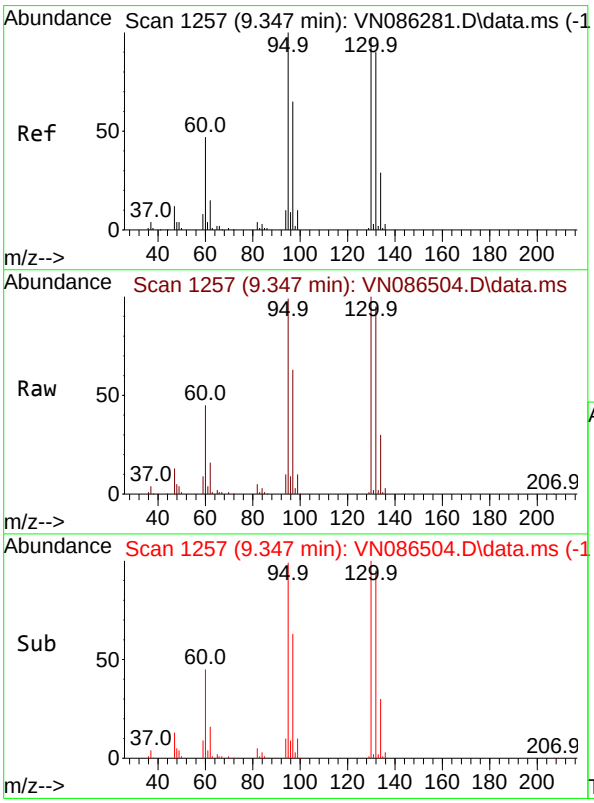
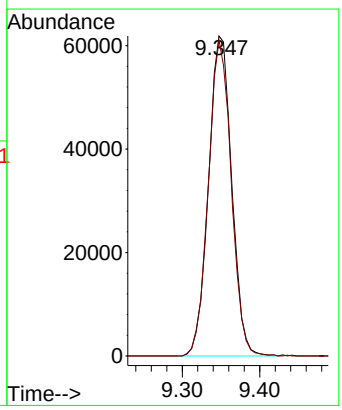
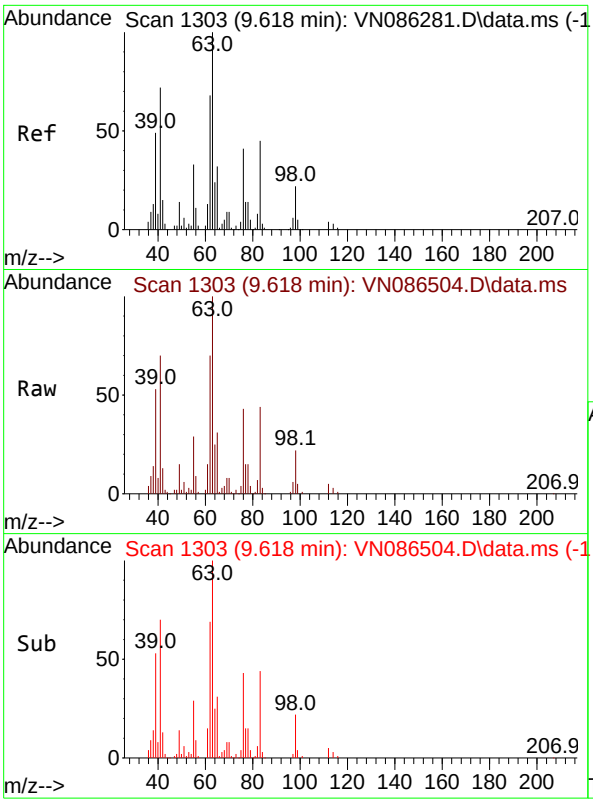


#44
Trichloroethene
Concen: 53.841 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:130 Resp: 128400

Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	207.2

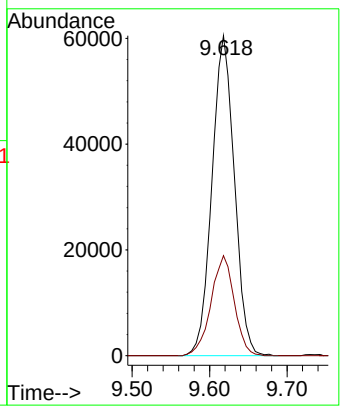




#45
1,2-Dichloropropane
Concen: 49.467 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 63 Resp: 12183

Ion	Ratio	Lower	Upper
63	100		
65	31.2	25.4	38.2



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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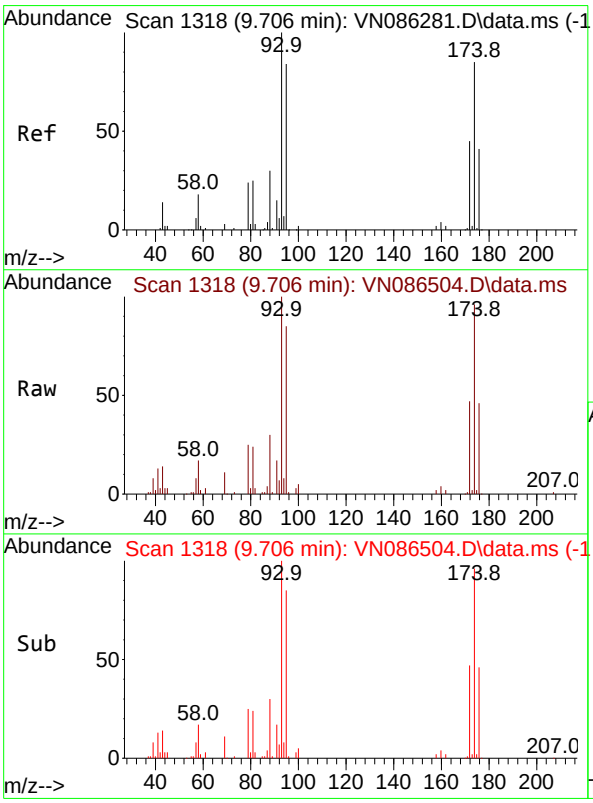
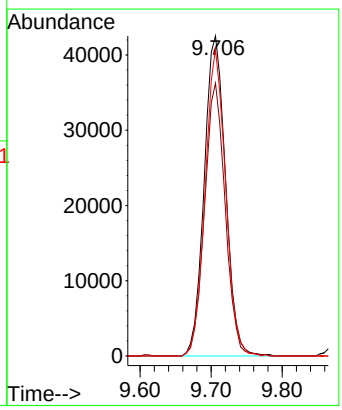
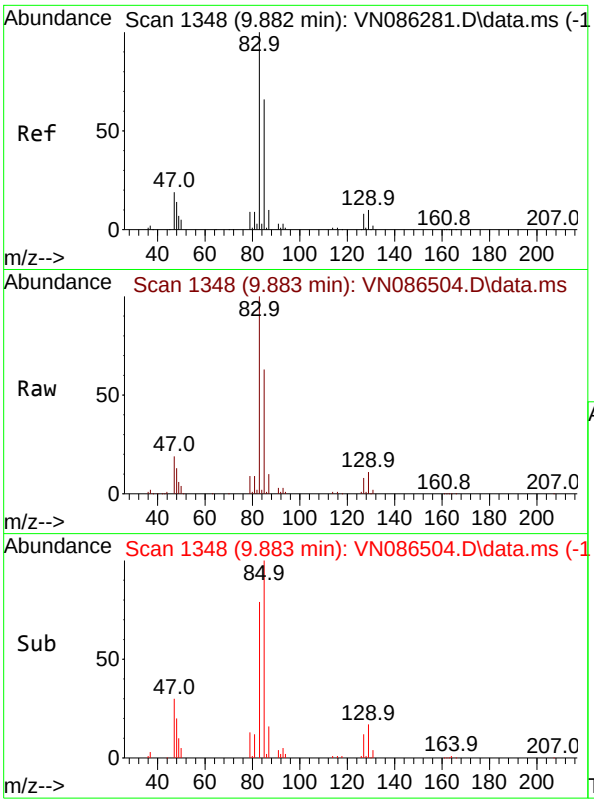


#46
Dibromomethane
Concen: 56.513 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 93 Resp: 88683

Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.2	99.4
174	92.1	67.8	101.6

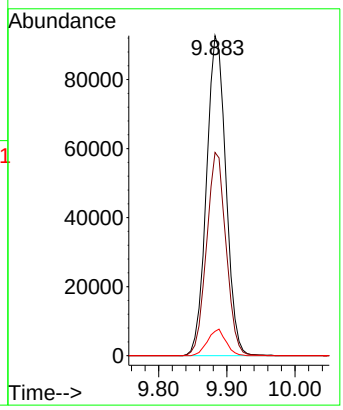




#47
Bromodichloromethane
Concen: 54.188 ug/l
RT: 9.883 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 83 Resp: 18365

Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.6	78.8
127	7.6	6.1	9.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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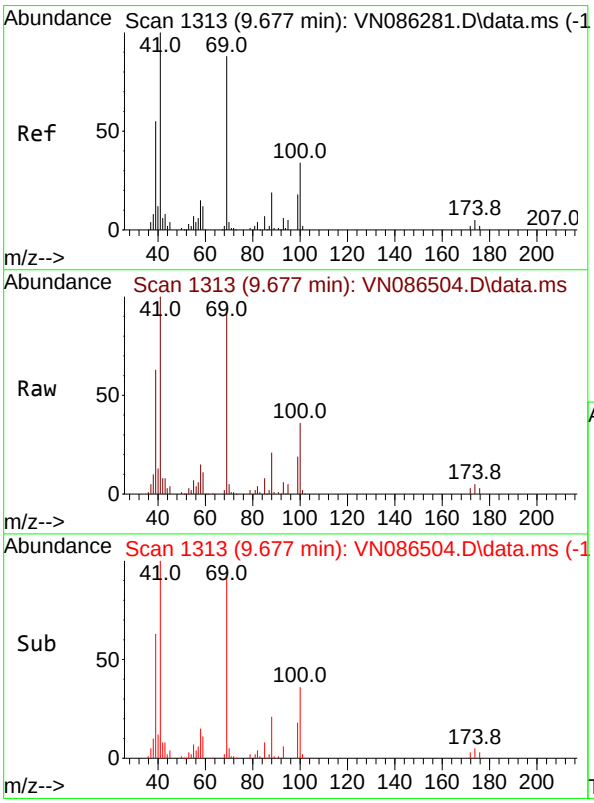
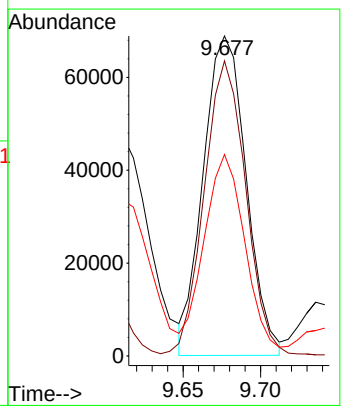
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

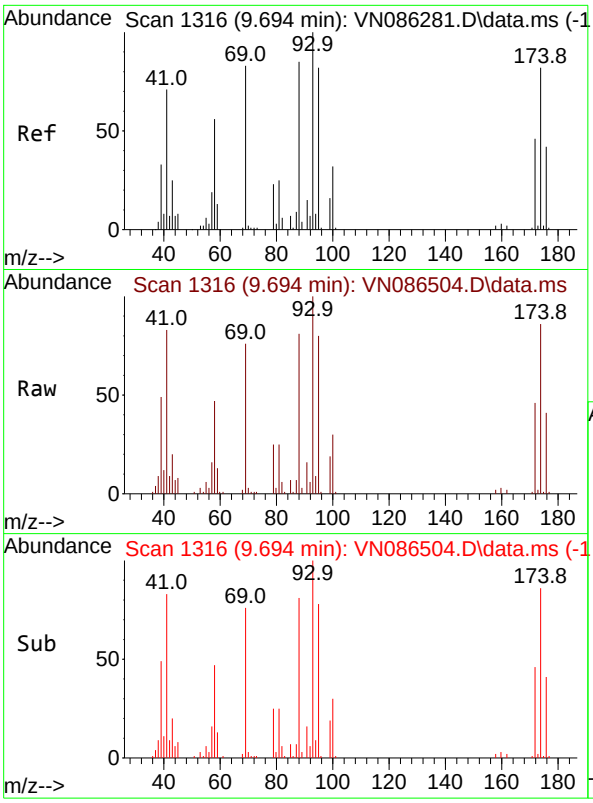


#48
Methyl methacrylate
Concen: 45.599 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 41 Resp: 132393

Ion	Ratio	Lower	Upper
41	100		
69	90.3	68.2	102.2
39	60.8	45.2	67.8





#49
1,4-Dioxane
Concen: 1037.266 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 88 Resp: 5122

Ion	Ratio	Lower	Upper
88	100		
43	26.0	23.8	35.8
58	66.0	57.4	86.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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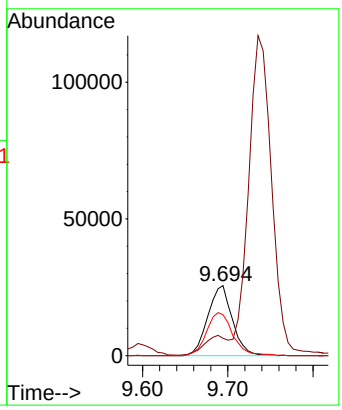
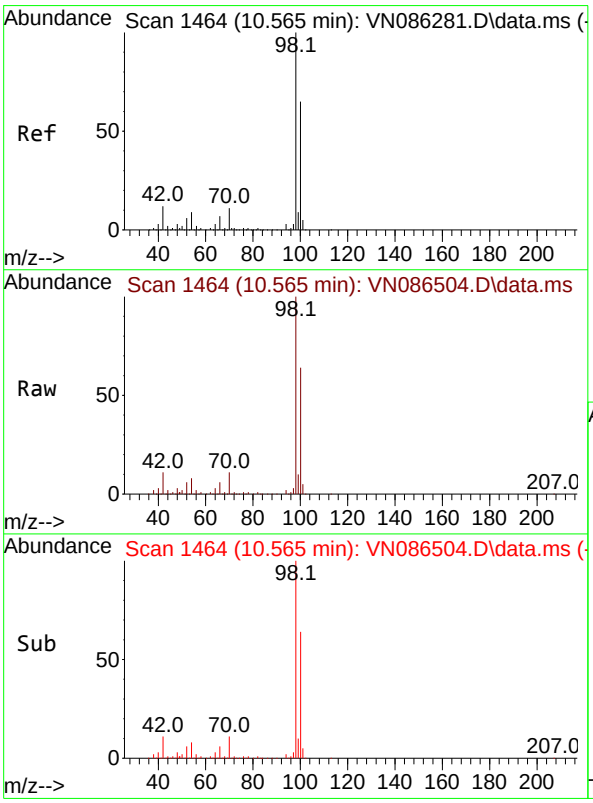
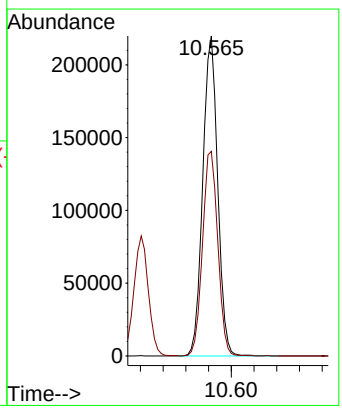


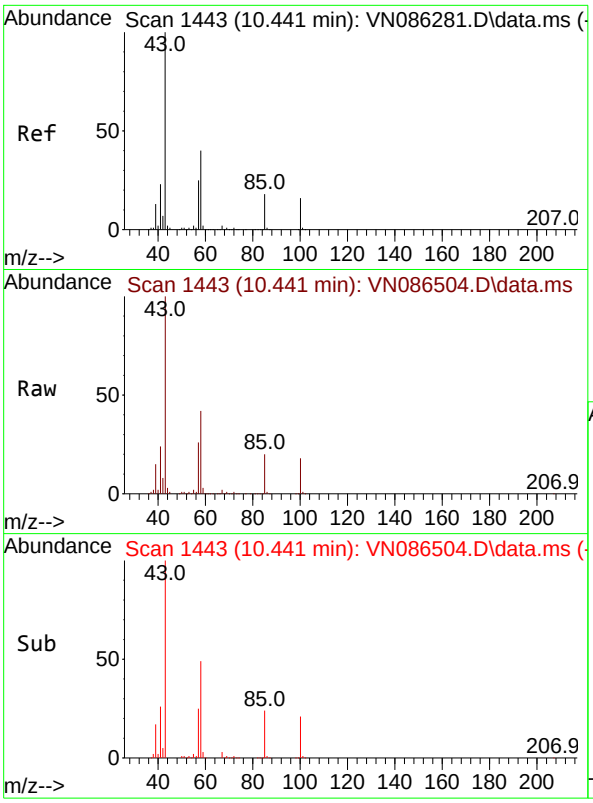


#50
Toluene-d8
Concen: 47.496 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 98 Resp: 399114

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 240.230 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 81331

Ion	Ratio	Lower	Upper
43	100		
58	41.7	32.2	48.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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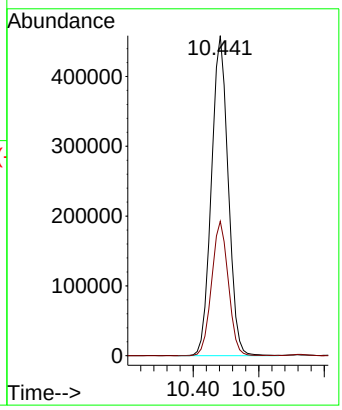
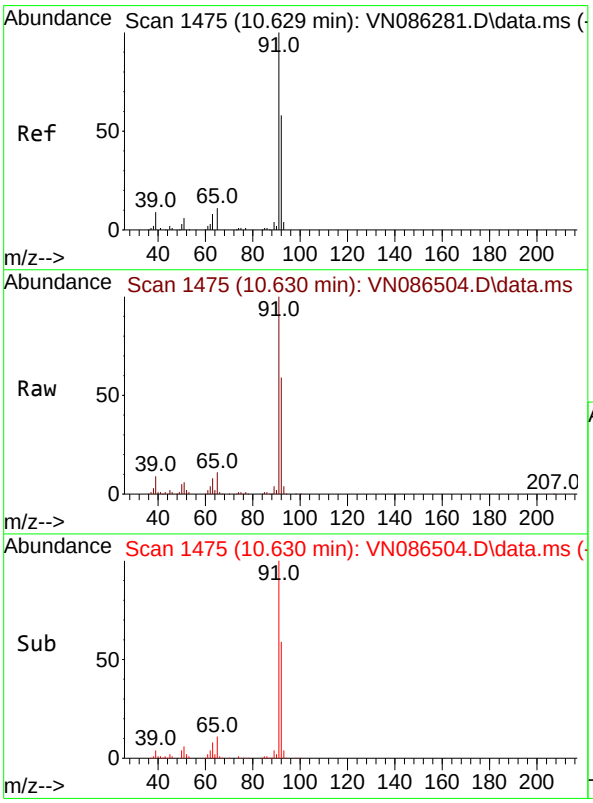
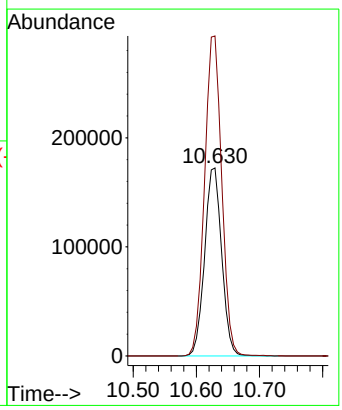


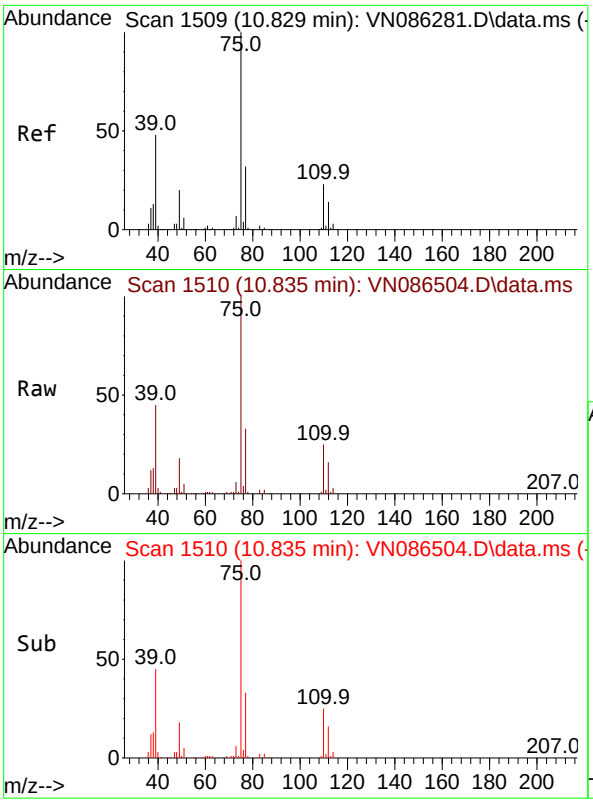


#52
Toluene
Concen: 51.451 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 92 Resp: 323020

Ion	Ratio	Lower	Upper
92	100		
91	171.5	137.3	205.9





#53
t-1,3-Dichloropropene
Concen: 52.877 ug/l
RT: 10.835 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 20005

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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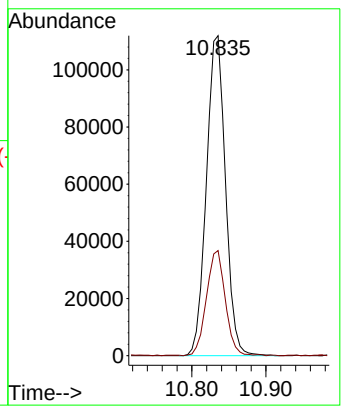
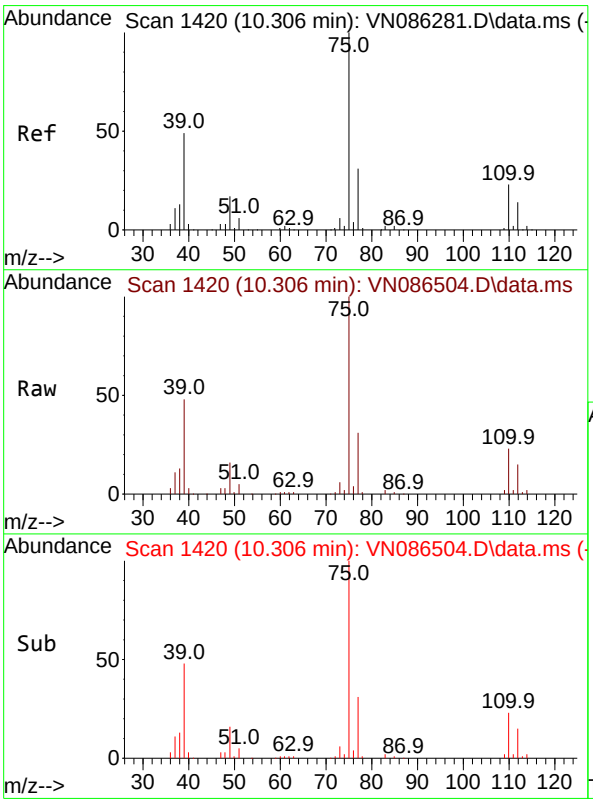
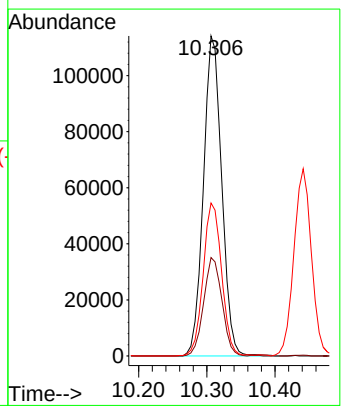


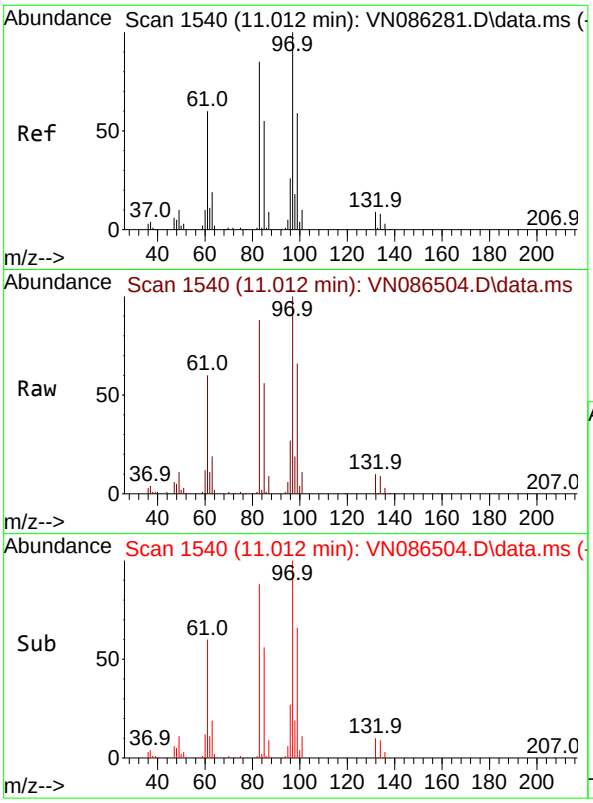


#54
cis-1,3-Dichloropropene
Concen: 51.209 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 212799

Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.2	37.8
39	47.6	39.3	58.9

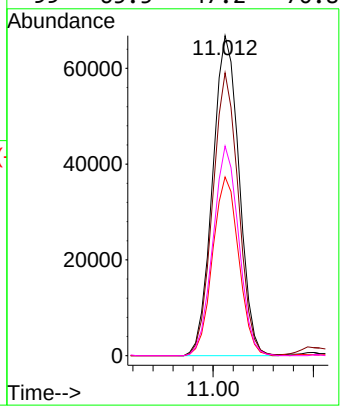




#55
1,1,2-Trichloroethane
Concen: 54.288 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 97 Resp: 12262

Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.4	102.6
85	55.8	43.9	65.9
99	65.5	47.2	70.8



Instrument :
MSVOA_N
ClientSampleId :
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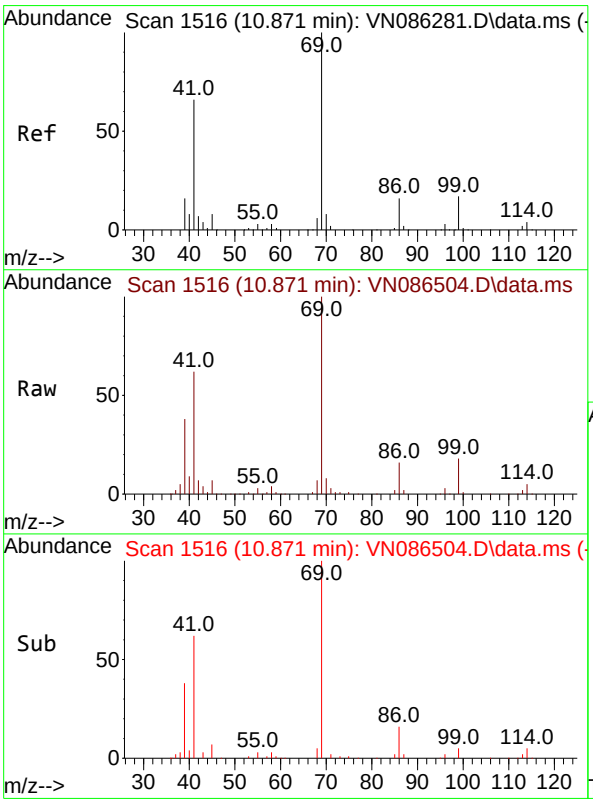
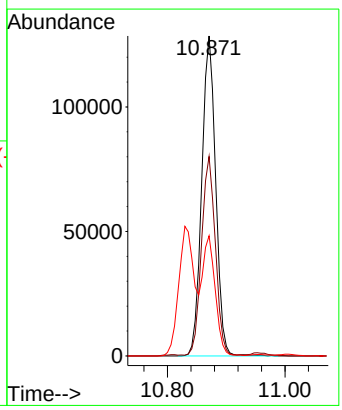
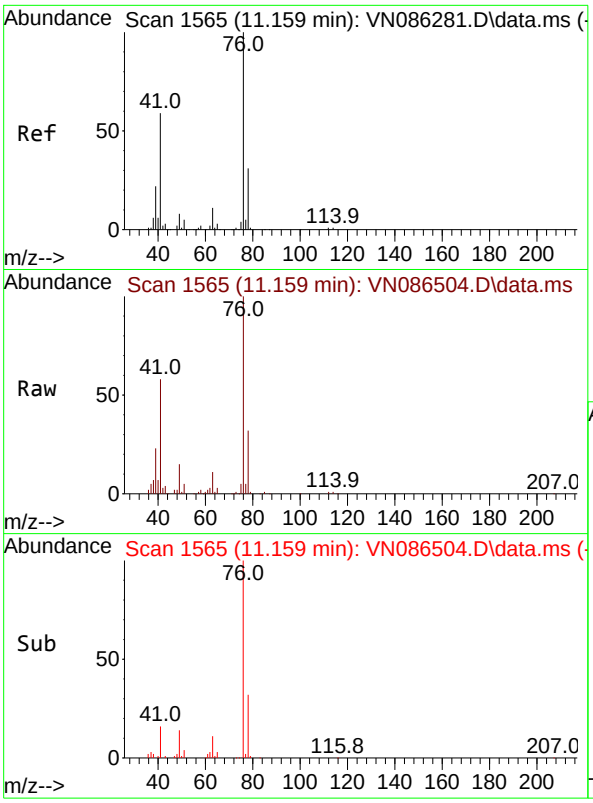


#56
Ethyl methacrylate
Concen: 50.739 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 69 Resp: 210673

Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.7	77.5
39	33.8	26.3	39.5





#57
1,3-Dichloropropane
Concen: 52.560 ug/l
RT: 11.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 76 Resp: 21064

Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.6	38.4

Instrument :
MSVOA_N
ClientSampleId :
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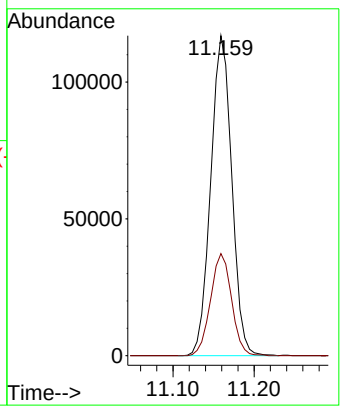
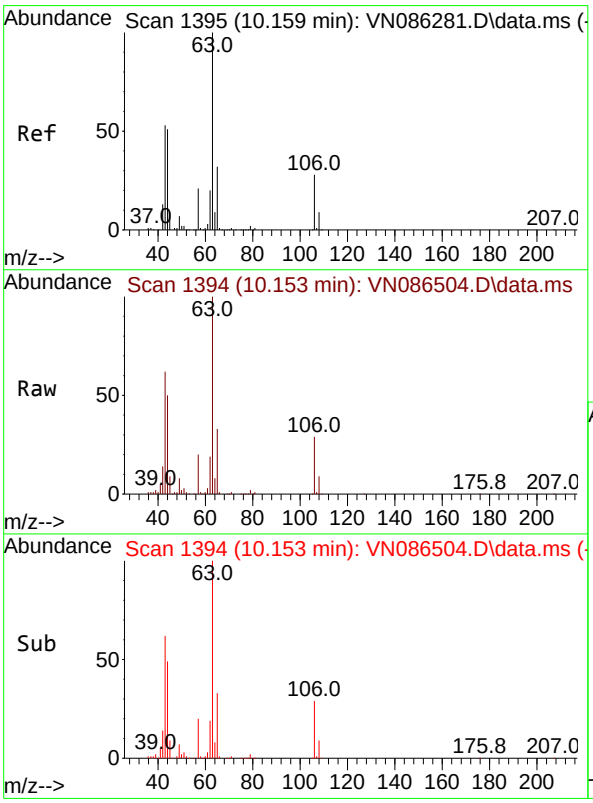
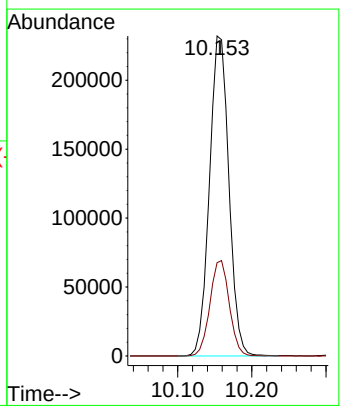


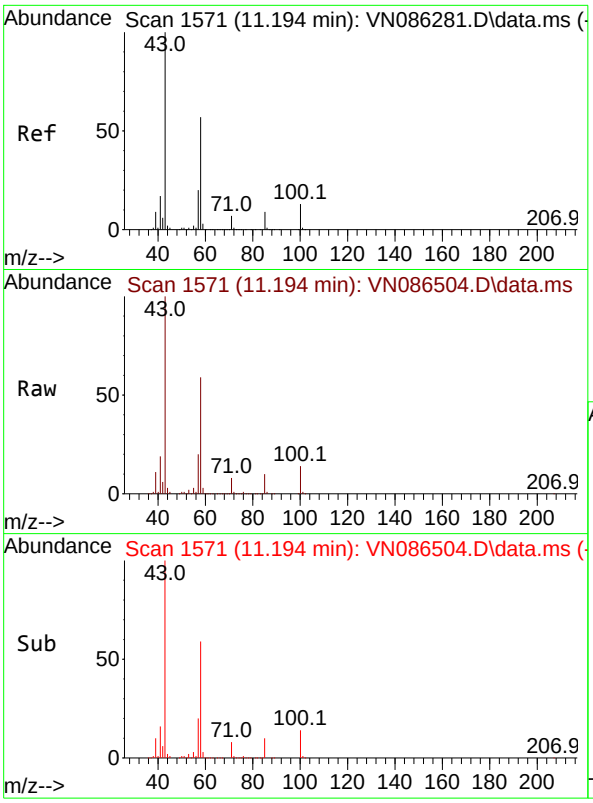


#58
2-Chloroethyl Vinyl ether
Concen: 214.142 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 63 Resp: 422017

Ion	Ratio	Lower	Upper
63	100		
106	29.7	22.2	33.2





#59
2-Hexanone
Concen: 237.737 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 59700

Ion	Ratio	Lower	Upper
43	100		
58	57.8	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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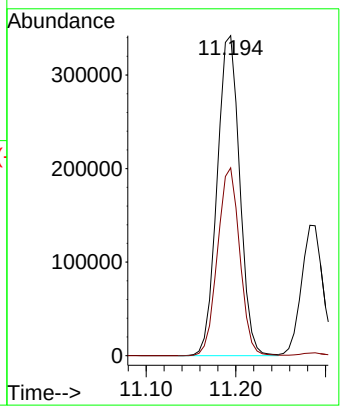
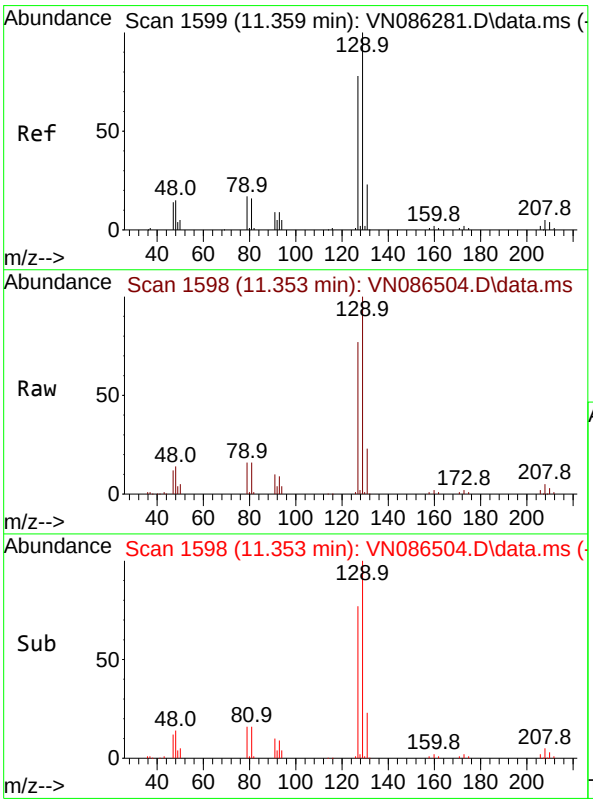
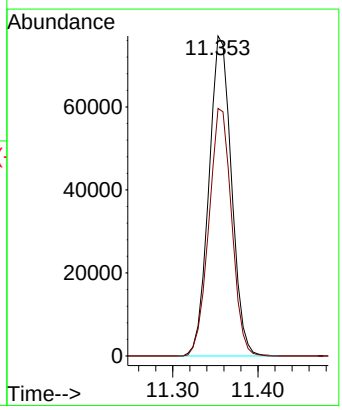


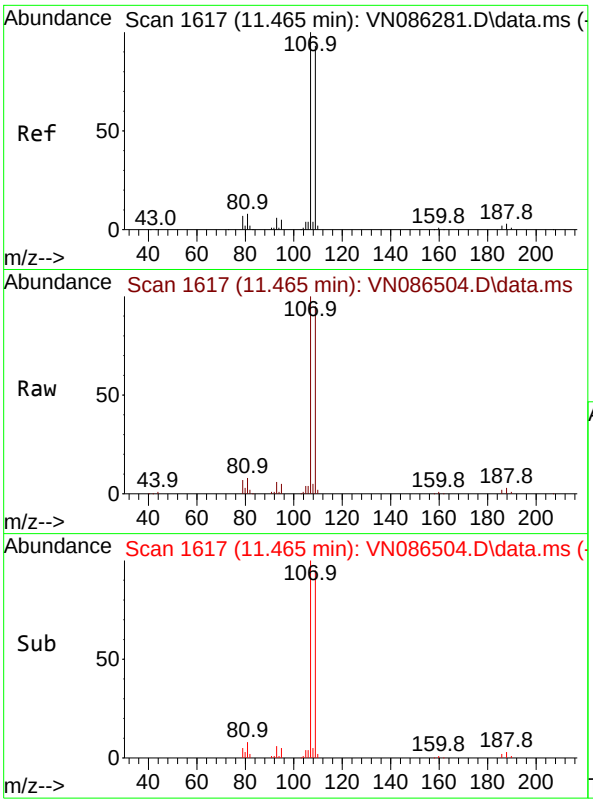


#60
Dibromochloromethane
Concen: 57.174 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:129 Resp: 141817

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.7	116.1

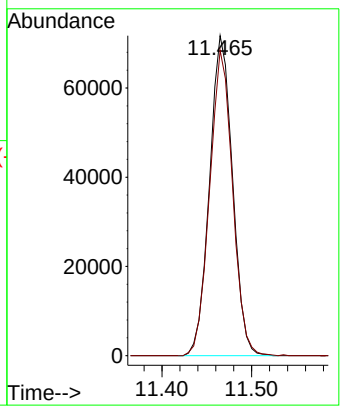




#61
1,2-Dibromoethane
Concen: 55.879 ug/l
RT: 11.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:107 Resp: 12736

Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.4	113.0



Instrument :
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ClientSampleId :
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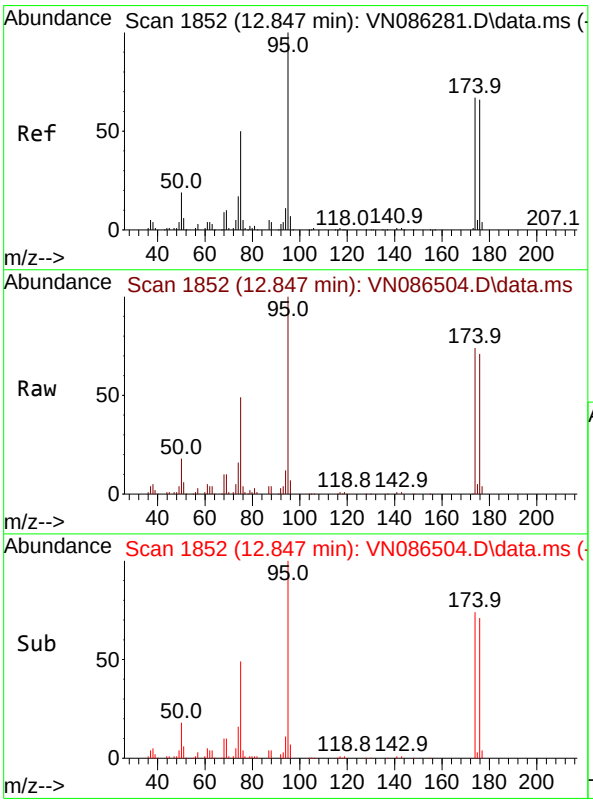
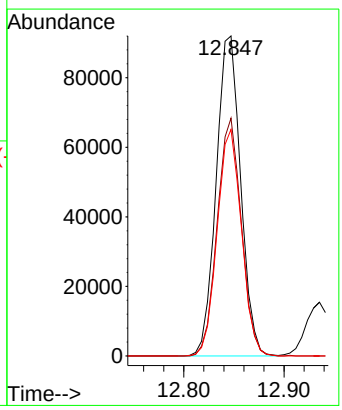
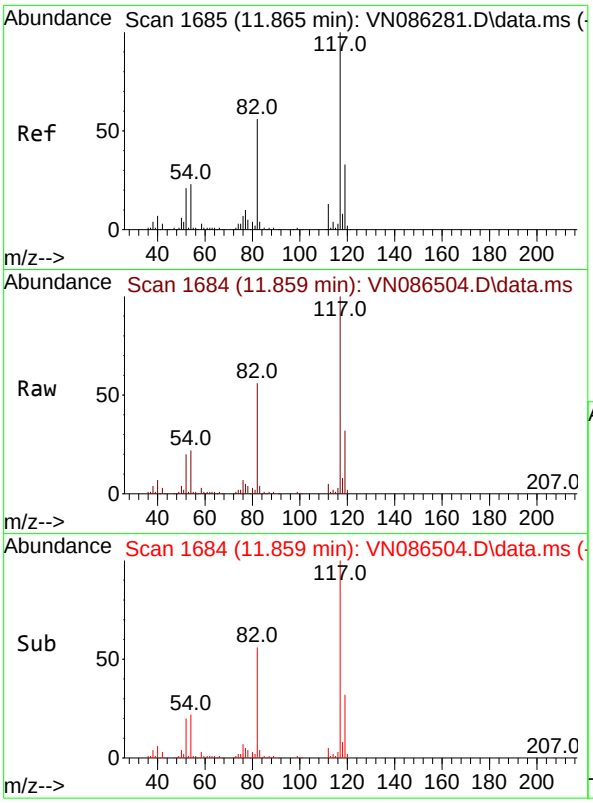


#62
4-Bromofluorobenzene
Concen: 50.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 95 Resp: 155922

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	133.4
176	70.2	0.0	129.2

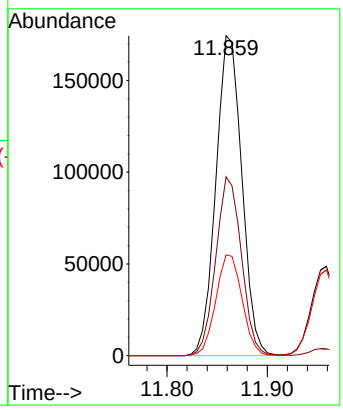




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:117 Resp: 31407

Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.7	67.1
119	31.5	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
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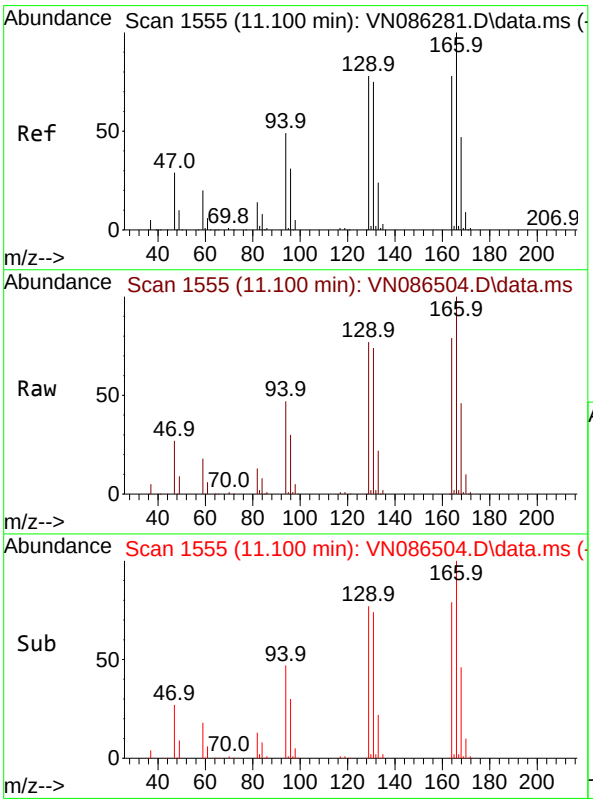
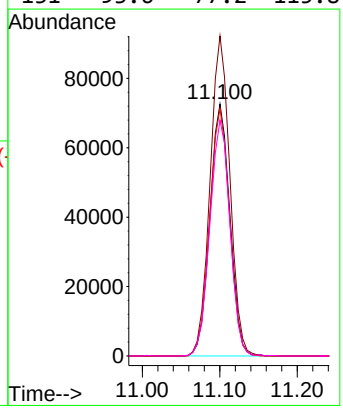
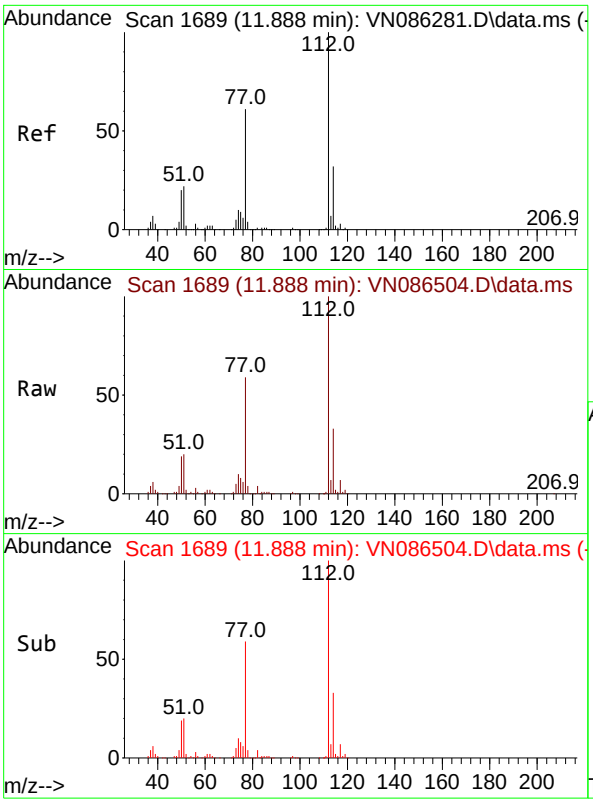


#64
Tetrachloroethene
Concen: 53.908 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:164 Resp: 130234

Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.0	154.4
129	98.1	80.1	120.1
131	93.6	77.2	115.8

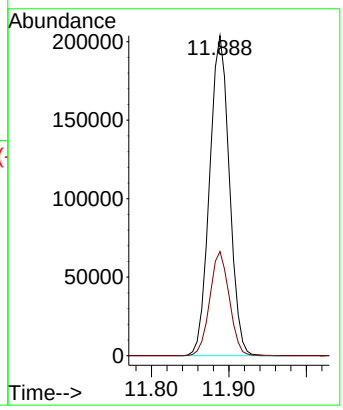




#65
Chlorobenzene
Concen: 51.618 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:112 Resp: 36179

Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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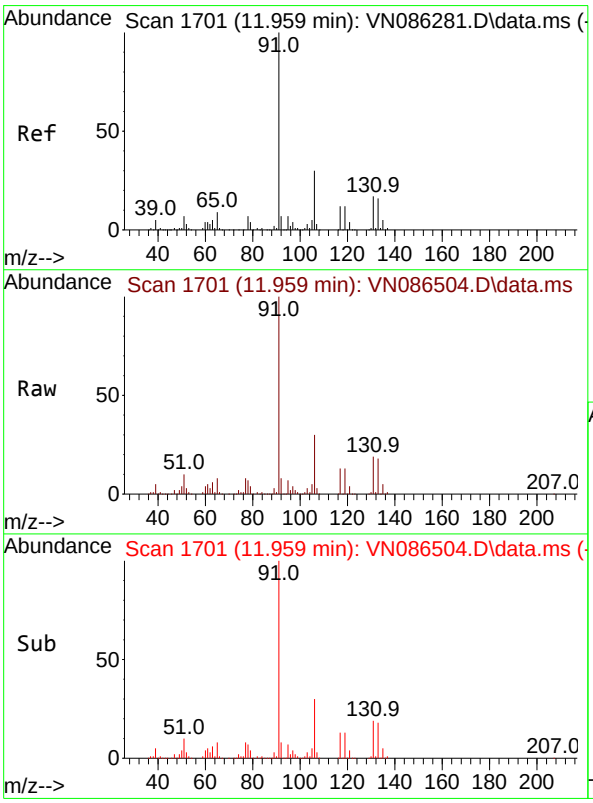
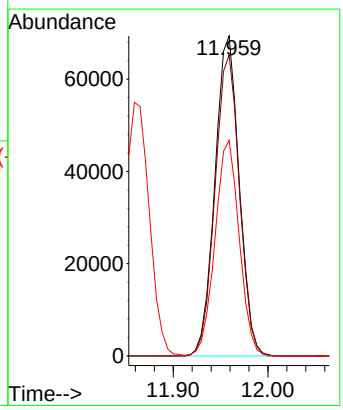
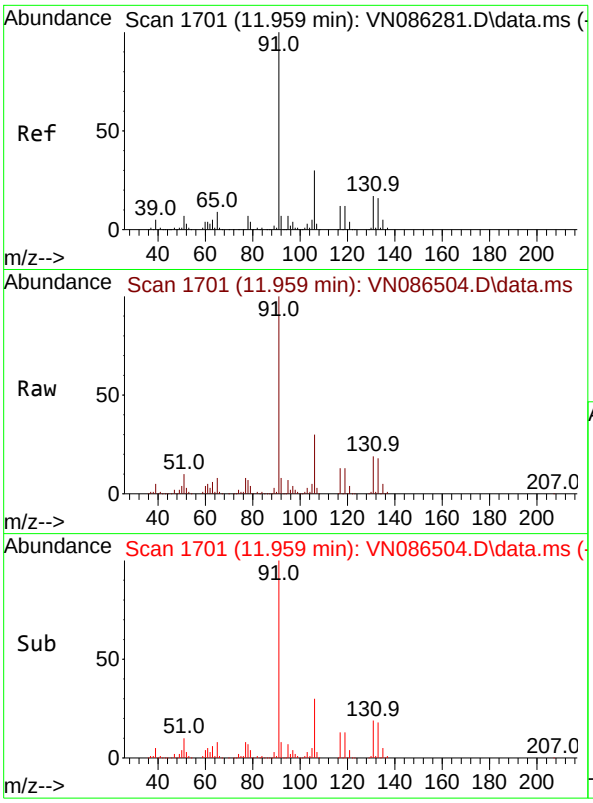


#66
1,1,1,2-Tetrachloroethane
Concen: 53.454 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:131 Resp: 123598

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.1	141.3
119	67.1	33.8	101.4





#67
Ethyl Benzene
Concen: 49.188 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 91 Resp: 62212

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.3	36.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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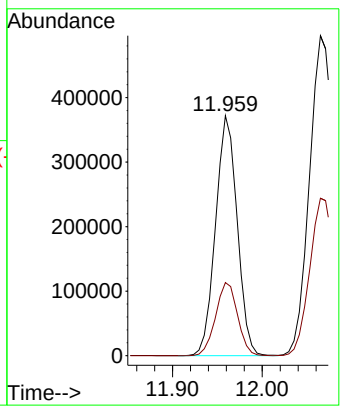
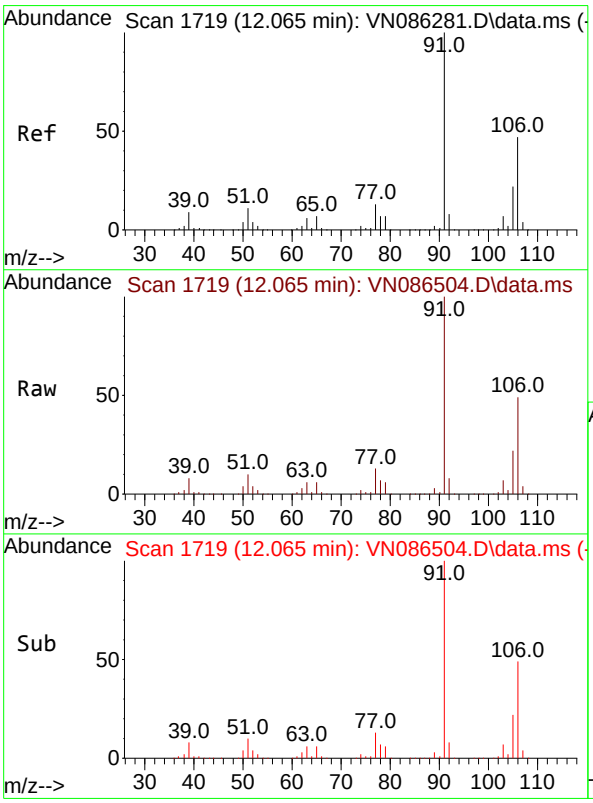
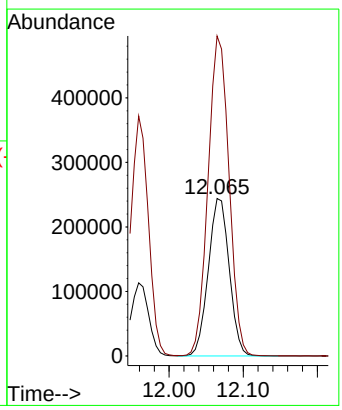


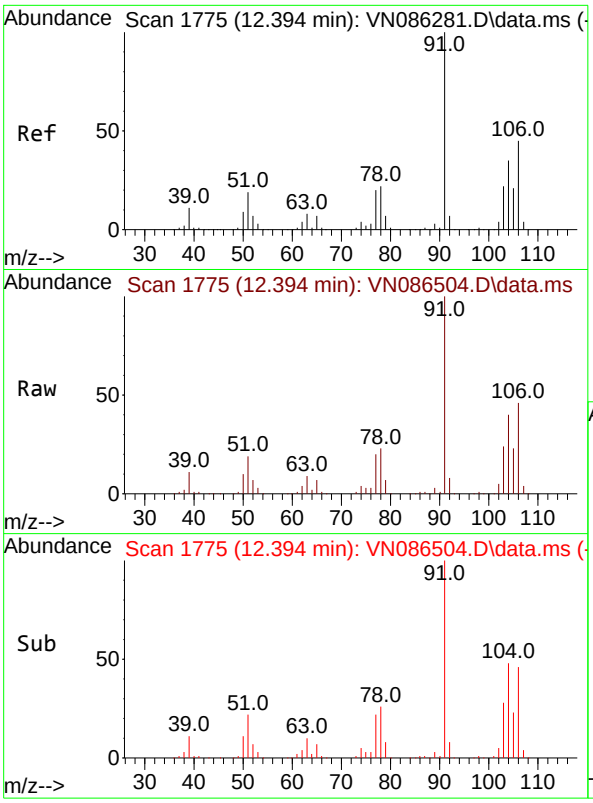


#68
m/p-Xylenes
Concen: 101.007 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:106 Resp: 478687

Ion	Ratio	Lower	Upper
106	100		
91	203.4	166.5	249.7

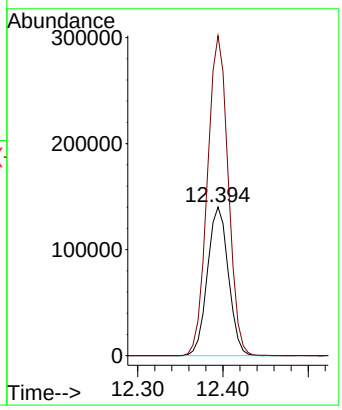




#69
o-Xylene
Concen: 51.063 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:106 Resp: 23932

Ion	Ratio	Lower	Upper
106	100		
91	213.9	109.7	329.0



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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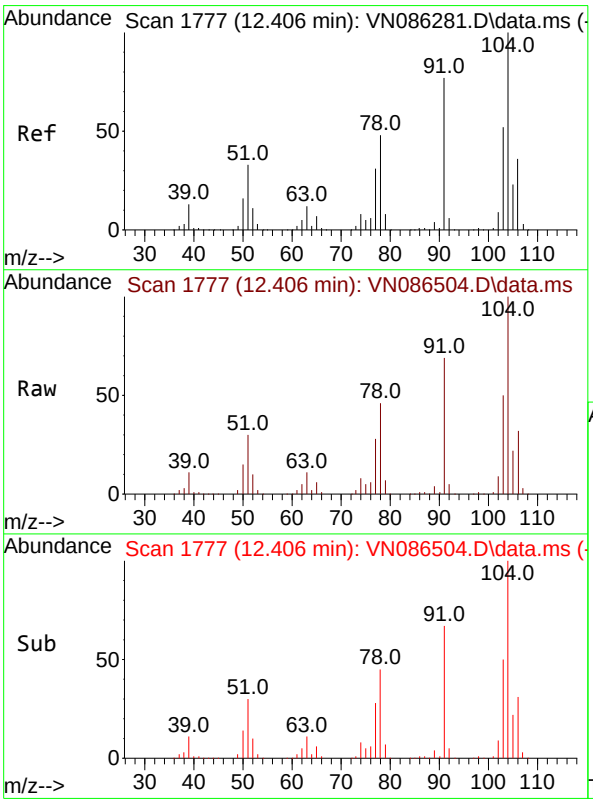
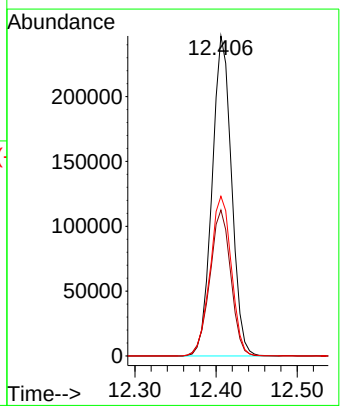
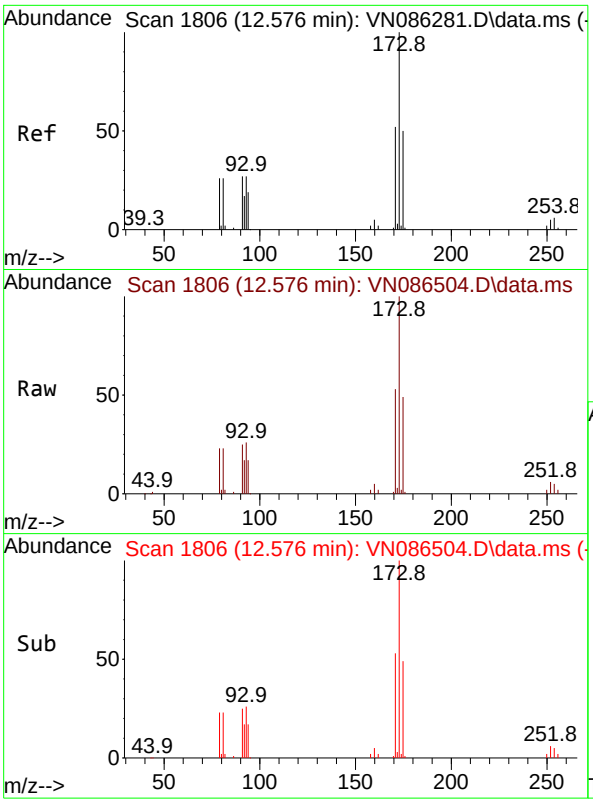


#70
Styrene
Concen: 52.777 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:104 Resp: 412138

Ion	Ratio	Lower	Upper
104	100		
78	48.9	40.6	61.0
103	54.5	43.6	65.4





#71
Bromoform
Concen: 55.203 ug/l
RT: 12.576 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:173 Resp: 9610

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.6
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
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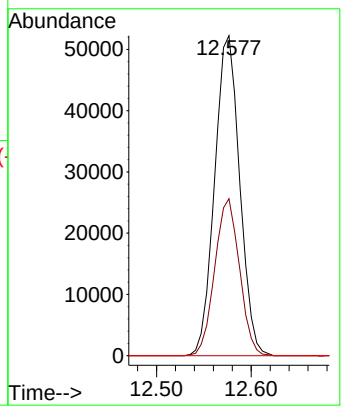
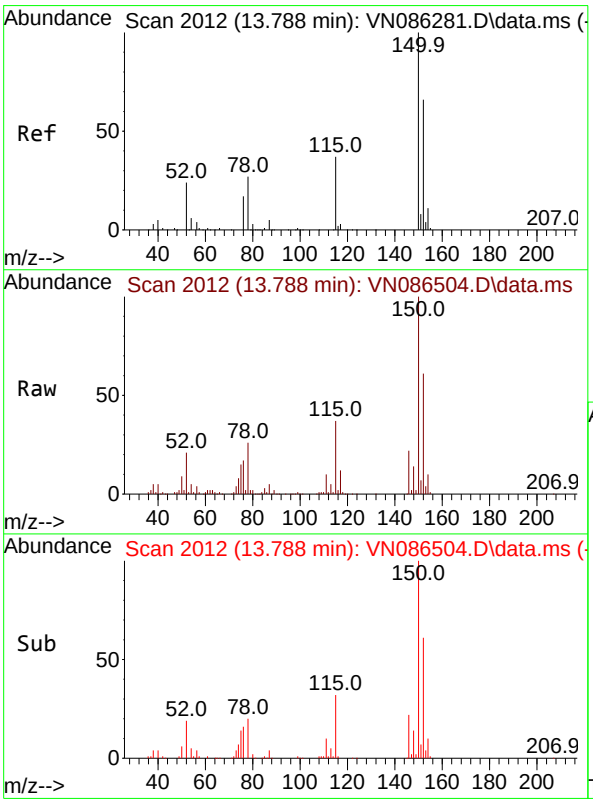
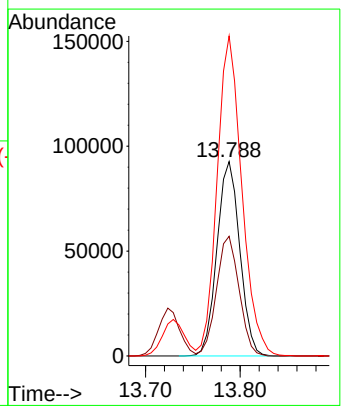


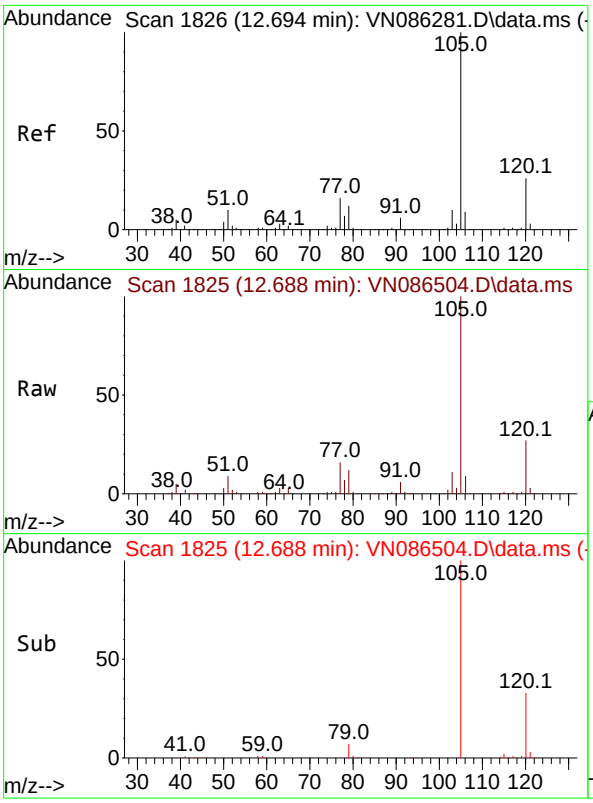


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:152 Resp: 155373

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.9	95.9
150	178.1	0.0	352.0





#73
Isopropylbenzene
Concen: 45.586 ug/l
RT: 12.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:105 Resp: 57938

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.1	39.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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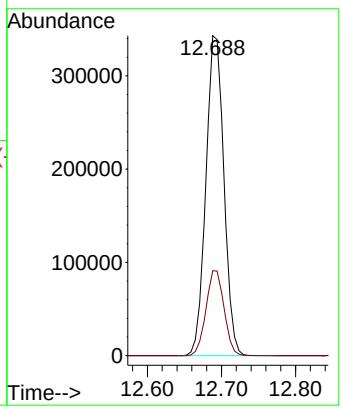
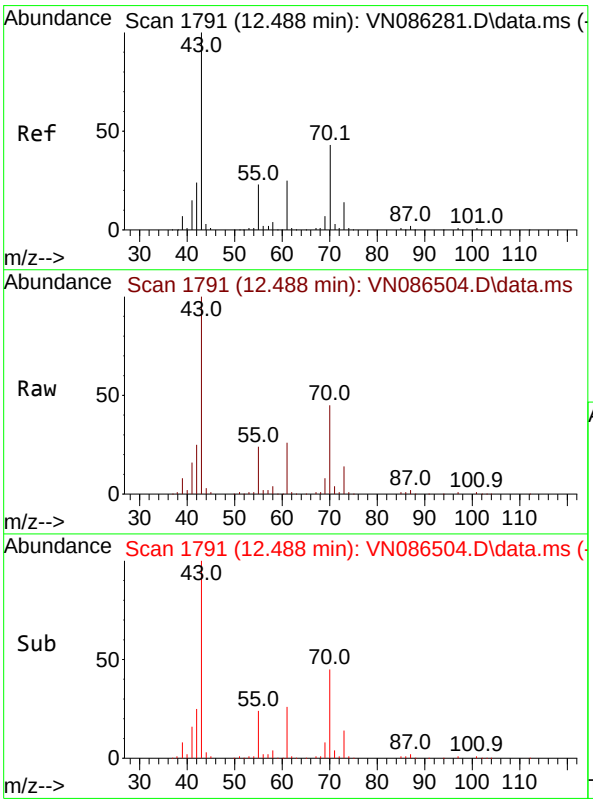
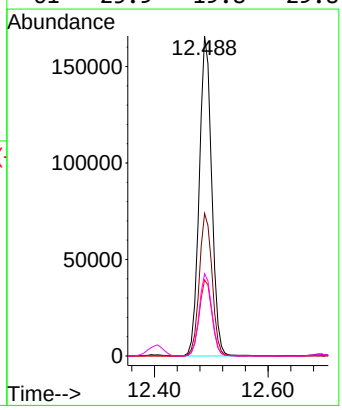


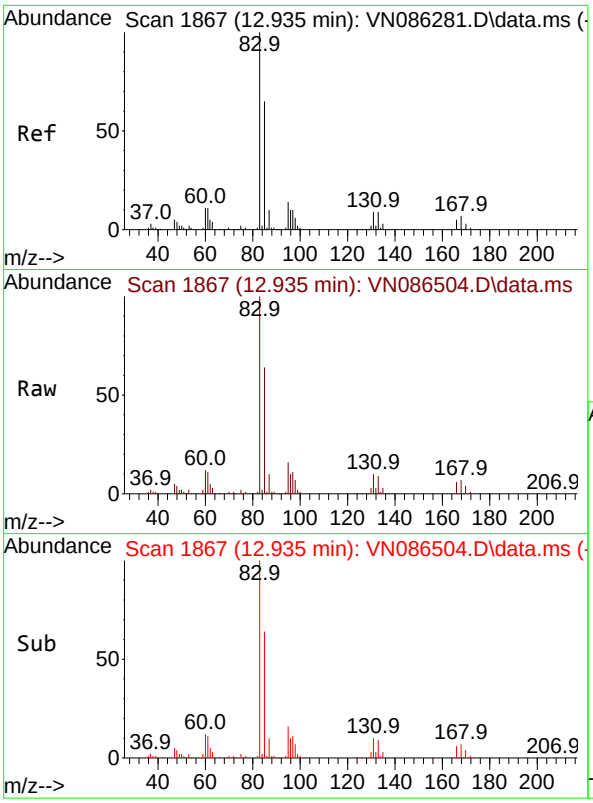


#74
N-amyl acetate
Concen: 39.902 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 43 Resp: 252471

Ion	Ratio	Lower	Upper
43	100		
70	45.5	35.0	52.4
55	24.3	19.0	28.4
61	25.9	19.8	29.8

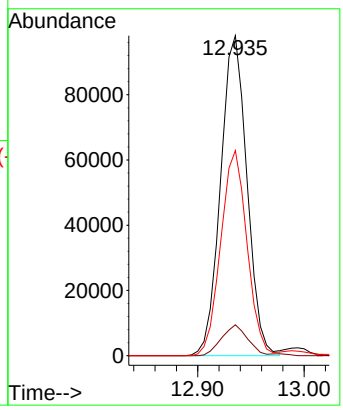




#75
1,1,2,2-Tetrachloroethane
Concen: 46.141 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 83 Resp: 16861

Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.7	14.1
85	64.0	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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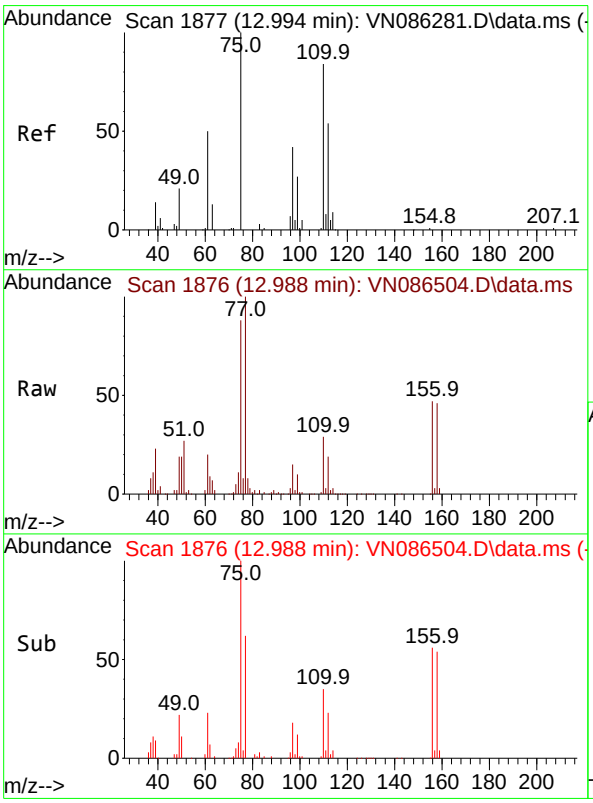
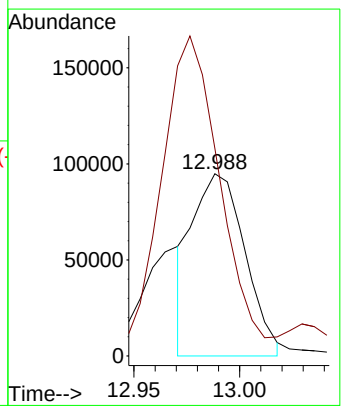
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

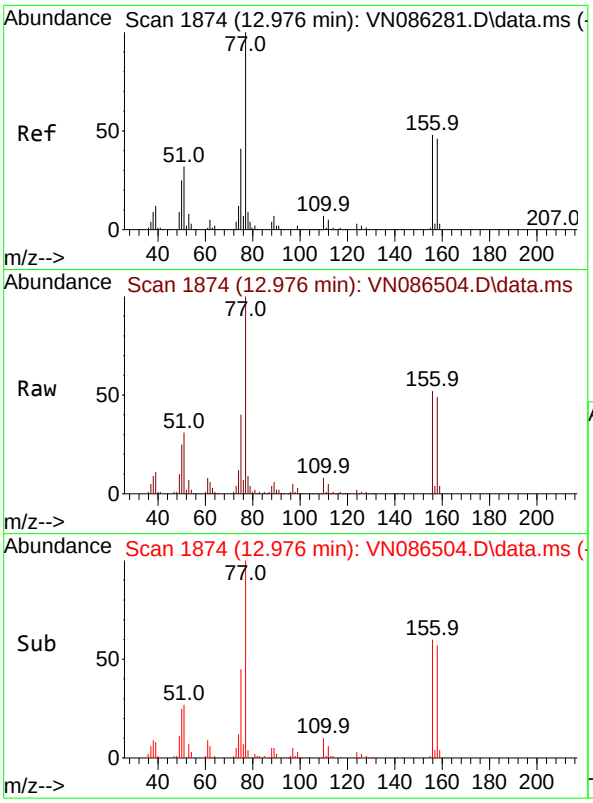


#76
1,2,3-Trichloropropane
Concen: 44.750 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 164079

Ion	Ratio	Lower	Upper
75	100		
77	198.9	98.8	296.4





#77
Bromobenzene
Concen: 52.953 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:156 Resp: 14912

Ion	Ratio	Lower	Upper
156	100		
77	218.8	121.1	363.1
158	95.5	47.9	143.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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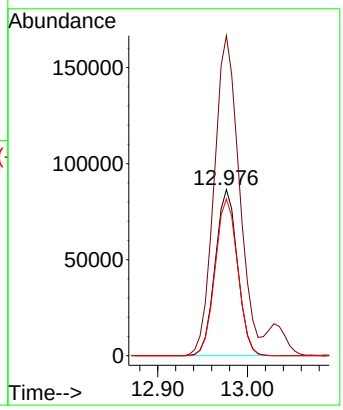
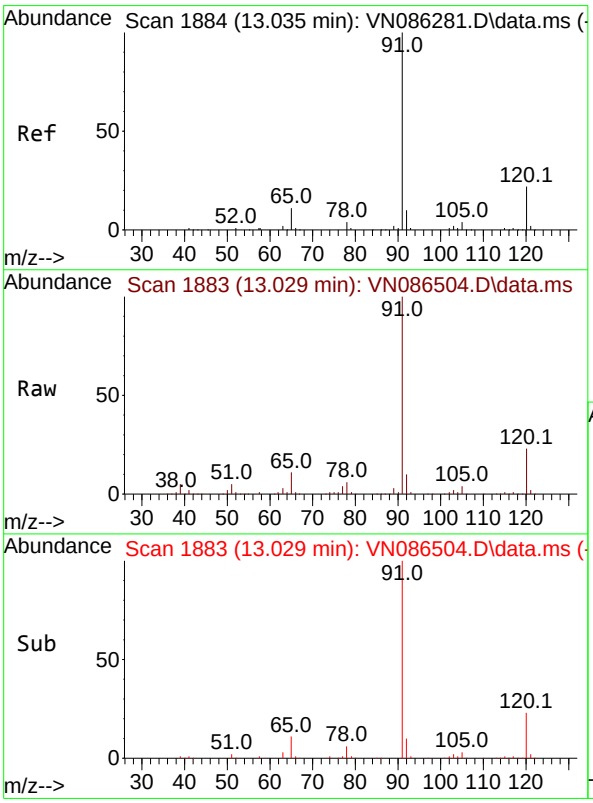
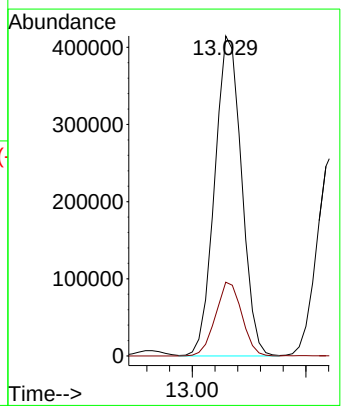


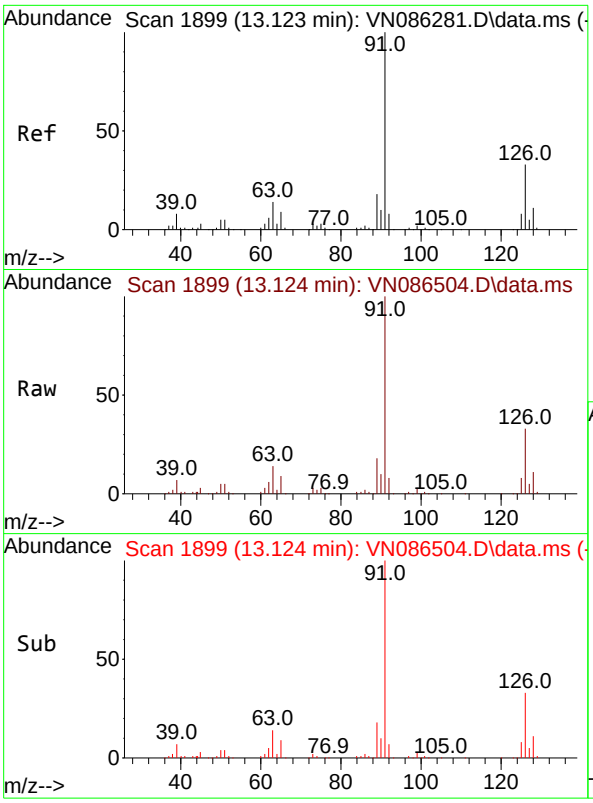


#78
n-propylbenzene
Concen: 45.457 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 91 Resp: 680807

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.1	33.3





#79
2-Chlorotoluene
Concen: 46.829 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 91 Resp: 43887

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.1	48.2

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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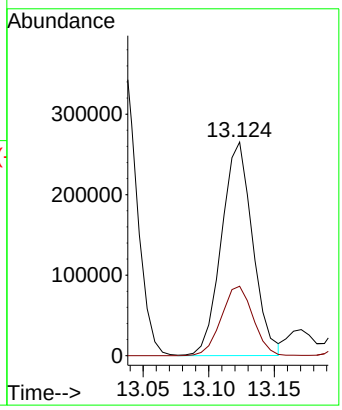
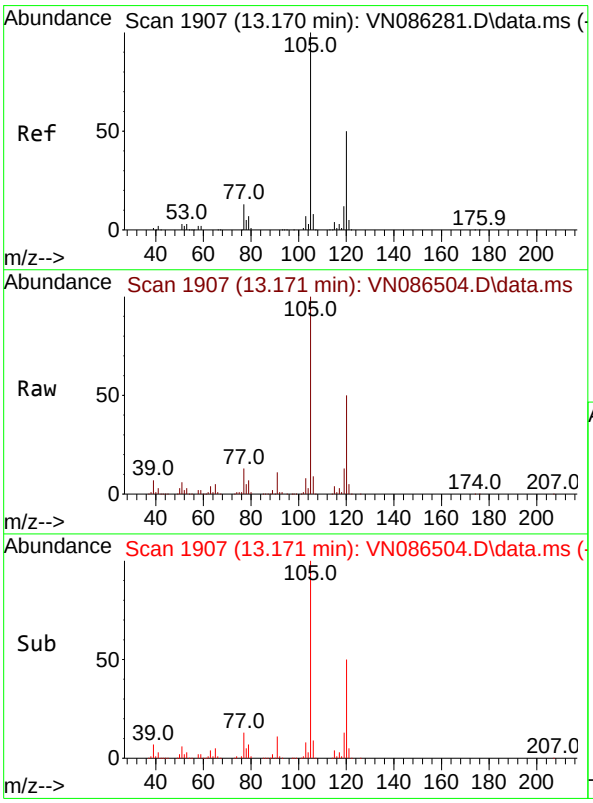
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

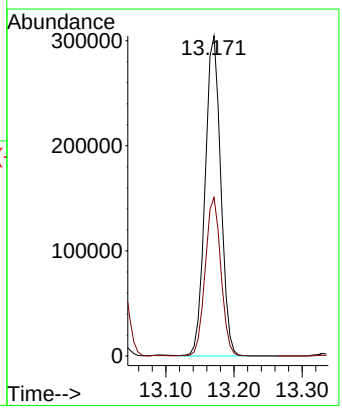


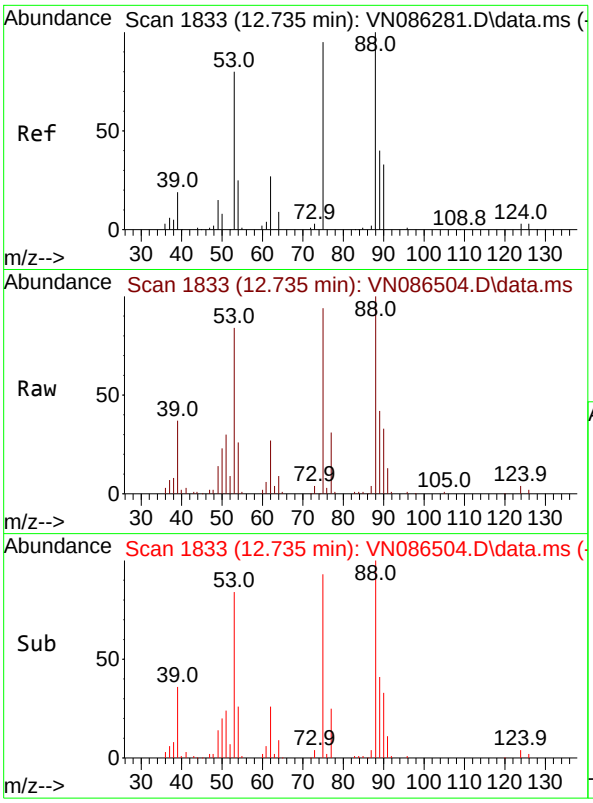


#80
1,3,5-Trimethylbenzene
Concen: 46.676 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:105 Resp: 485554

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 49.258 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 7520

Ion	Ratio	Lower	Upper
75	100		
53	82.2	79.2	118.8
89	41.4	35.7	53.5

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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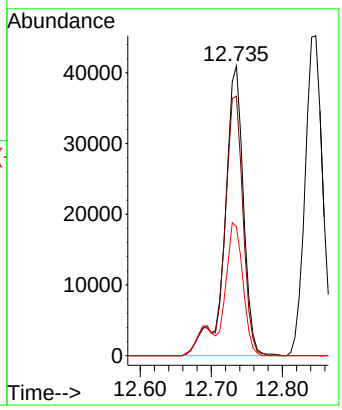
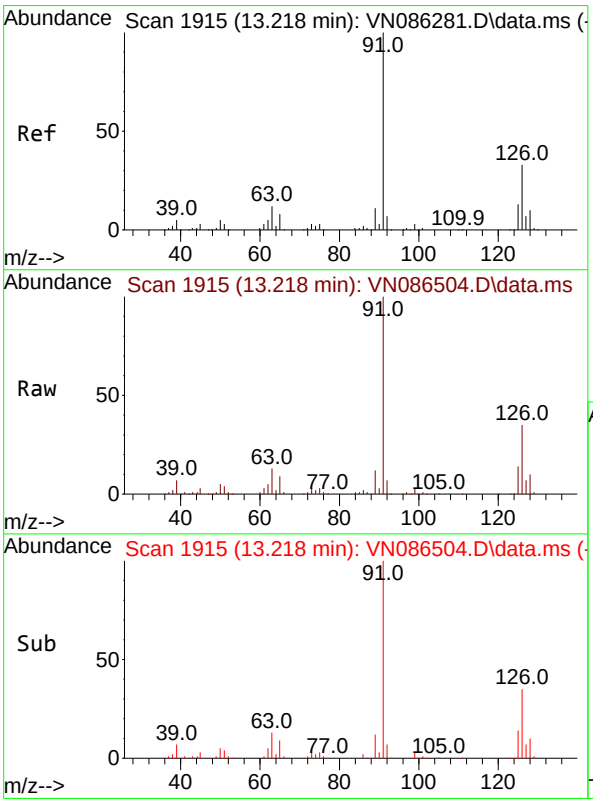
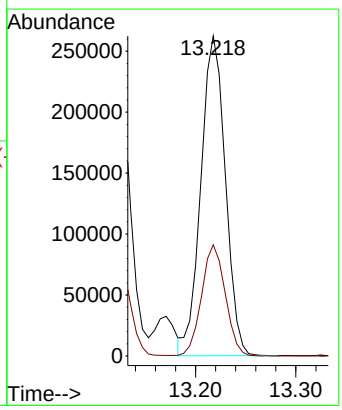


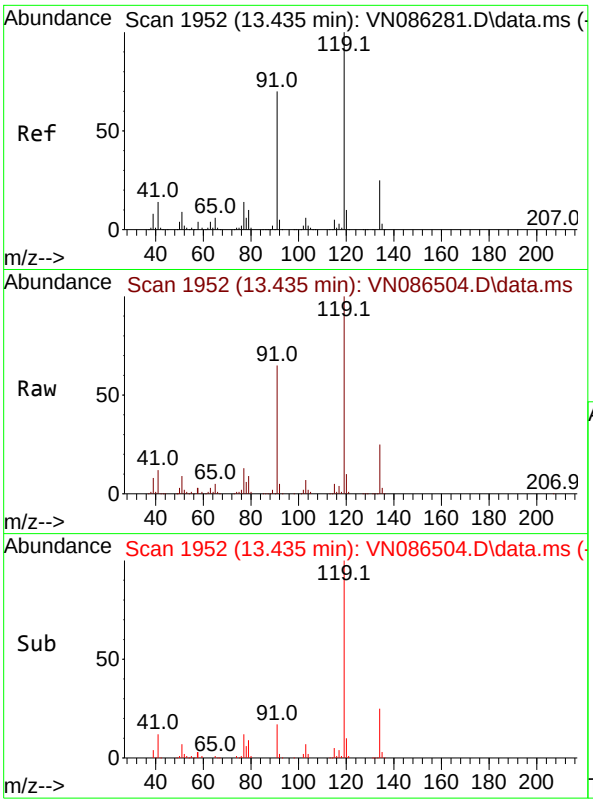


#82
4-Chlorotoluene
Concen: 47.903 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 91 Resp: 445950

Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.2	48.6





#83
tert-Butylbenzene
Concen: 45.565 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:119 Resp: 41070

Ion	Ratio	Lower	Upper
119	100		
91	66.8	34.4	103.3
134	26.4	13.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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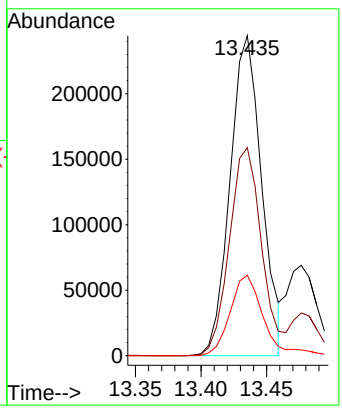
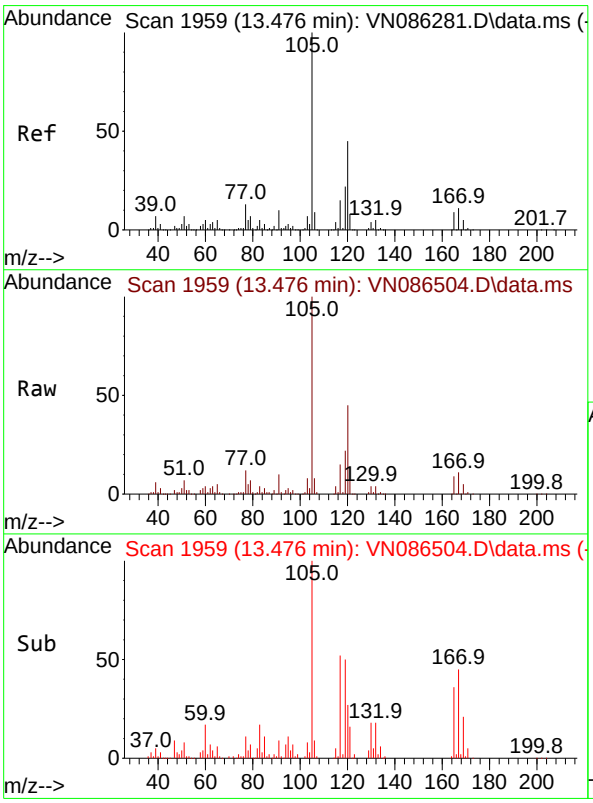
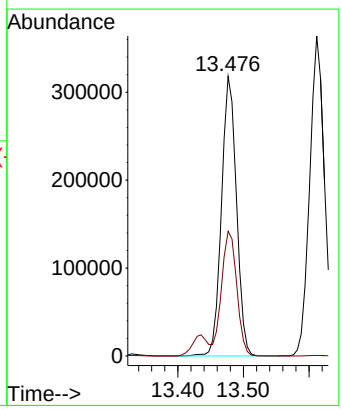


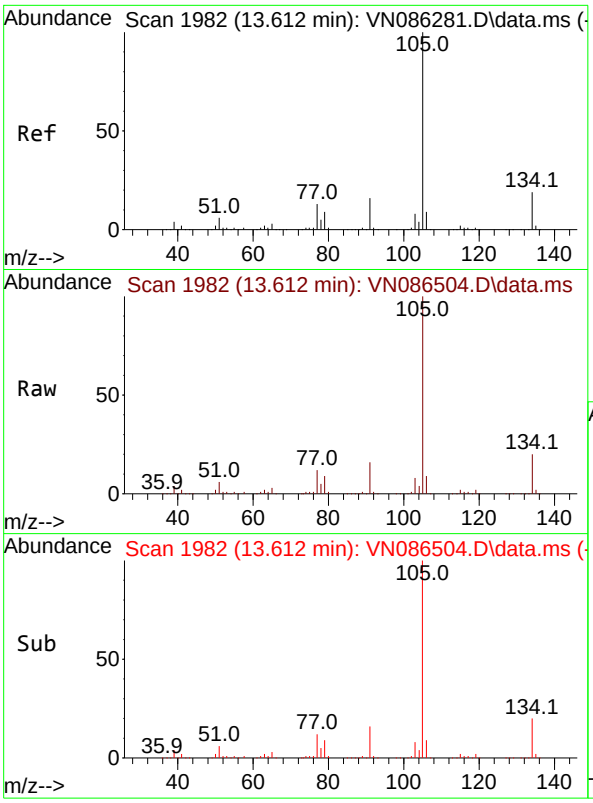


#84
1,2,4-Trimethylbenzene
Concen: 47.478 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:105 Resp: 502742

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





#85
sec-Butylbenzene
Concen: 45.578 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:105 Resp: 56984

Ion	Ratio	Lower	Upper
105	100		
134	20.1	9.7	29.1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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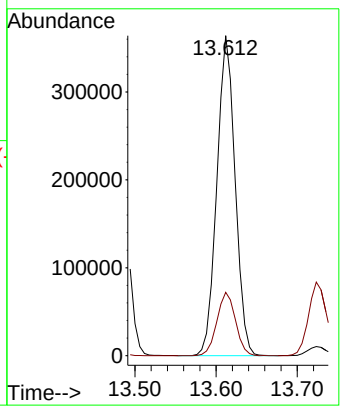
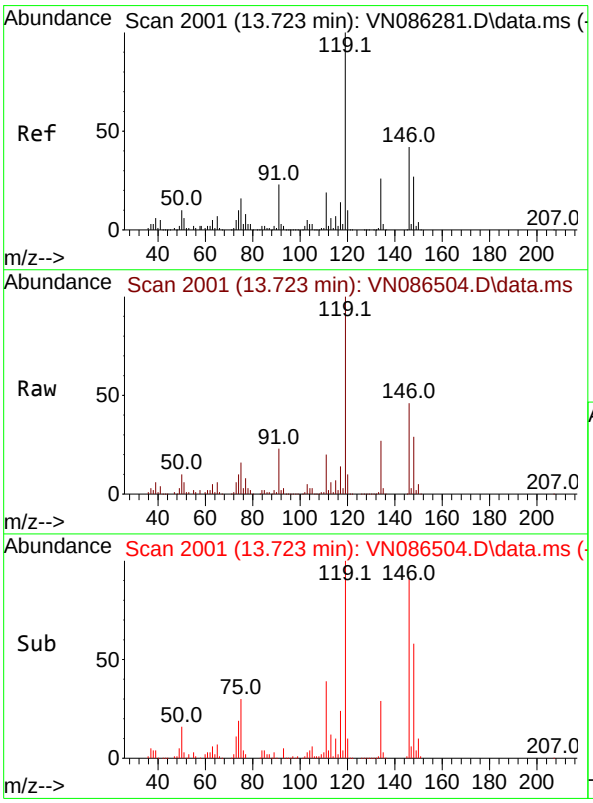
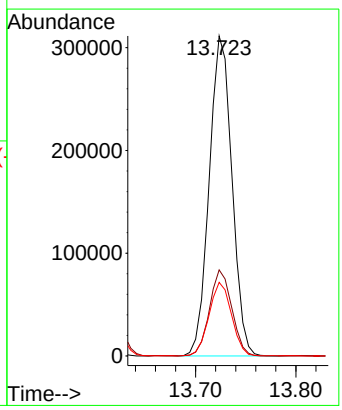


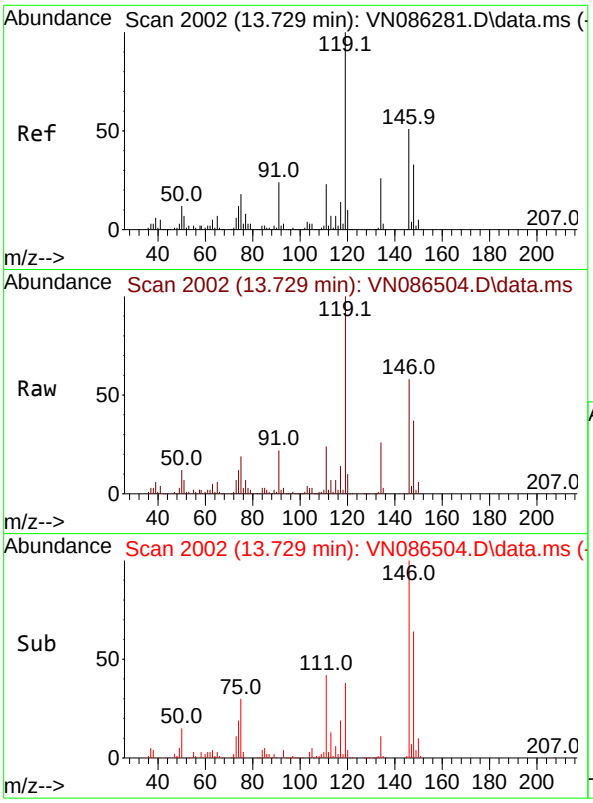


#86
p-Isopropyltoluene
Concen: 47.642 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:119 Resp: 490968

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	22.8	11.9	35.9

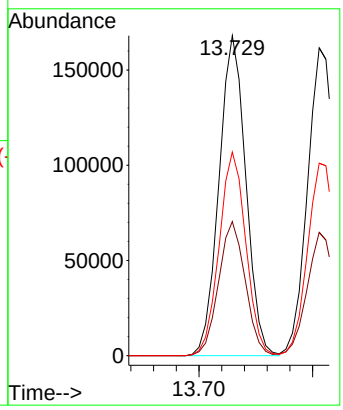




#87
1,3-Dichlorobenzene
Concen: 52.061 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:146 Resp: 27560

Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.9	65.7
148	63.4	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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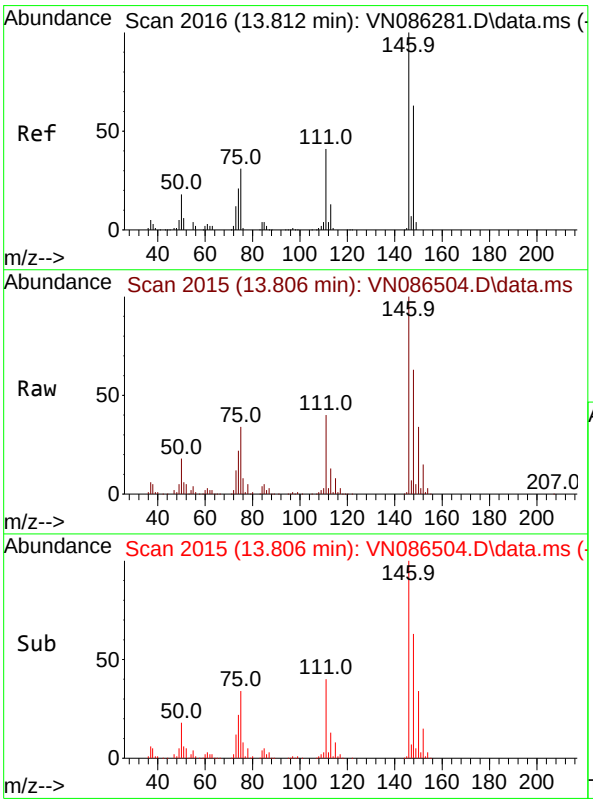
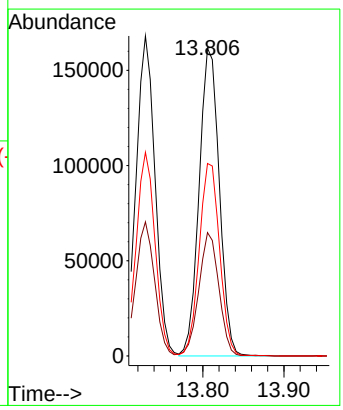
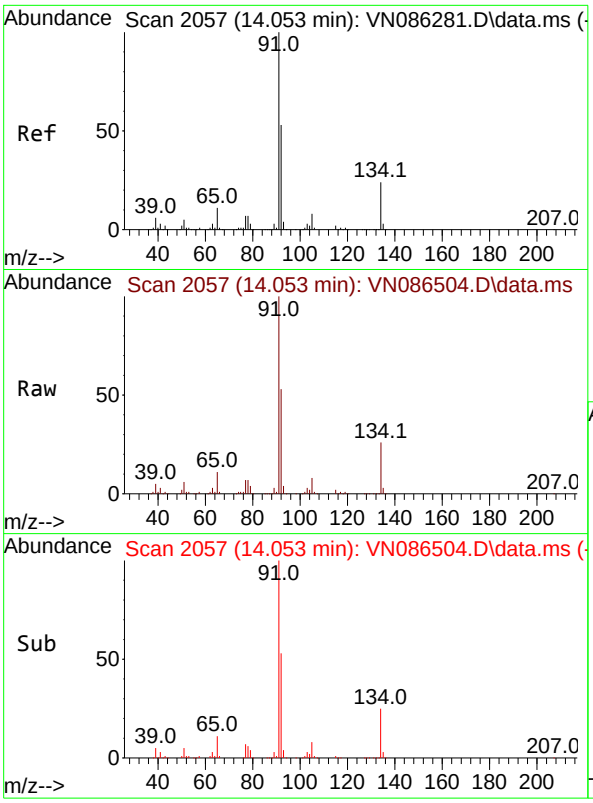


#88
1,4-Dichlorobenzene
Concen: 52.379 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:146 Resp: 279296

Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.3	63.9
148	63.2	31.9	95.9

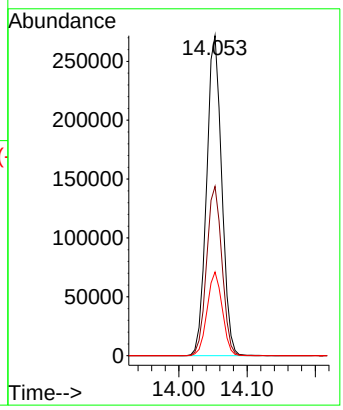




#89
n-Butylbenzene
Concen: 45.909 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 91 Resp: 41934

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.8	80.4
134	26.2	12.2	36.6



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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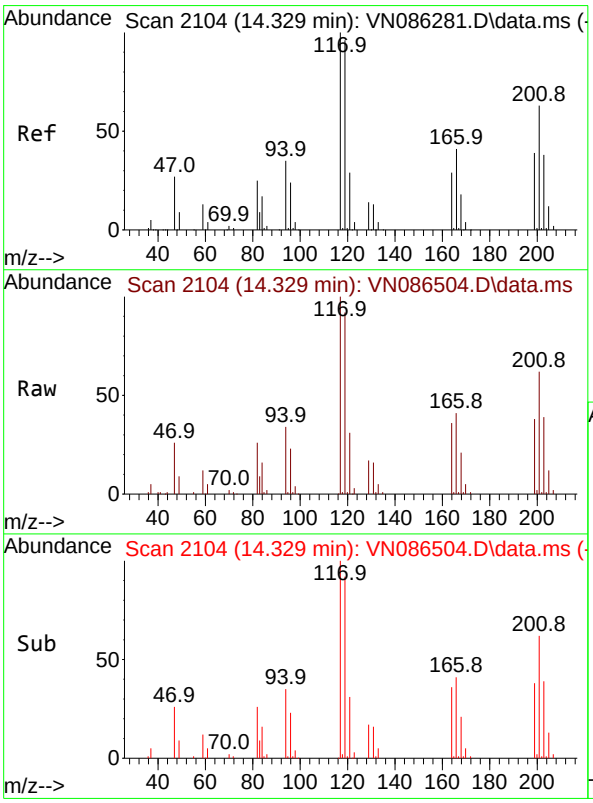
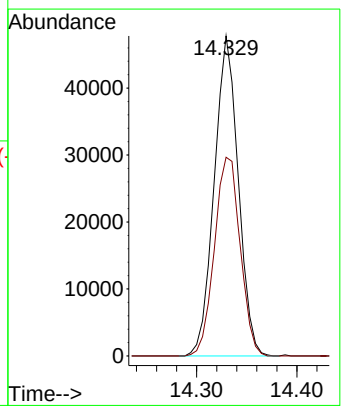
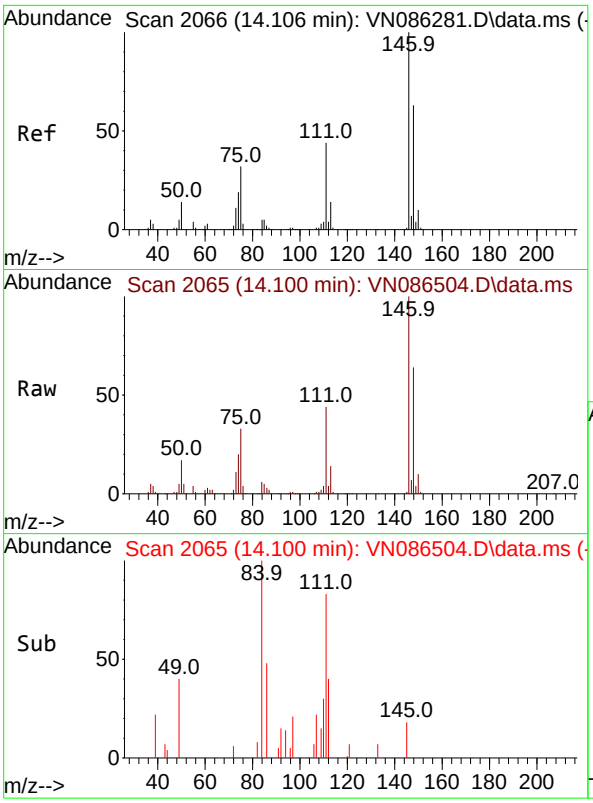


#90
Hexachloroethane
Concen: 45.790 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:117 Resp: 79373

Ion	Ratio	Lower	Upper
117	100		
201	66.4	31.4	94.2





#91
1,2-Dichlorobenzene
Concen: 52.188 ug/l
RT: 14.100 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:146 Resp: 26786

Ion	Ratio	Lower	Upper
146	100		
111	43.0	22.4	67.0
148	63.8	31.8	95.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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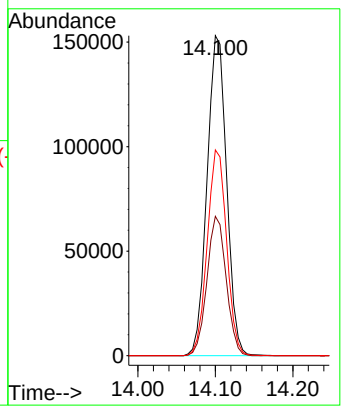
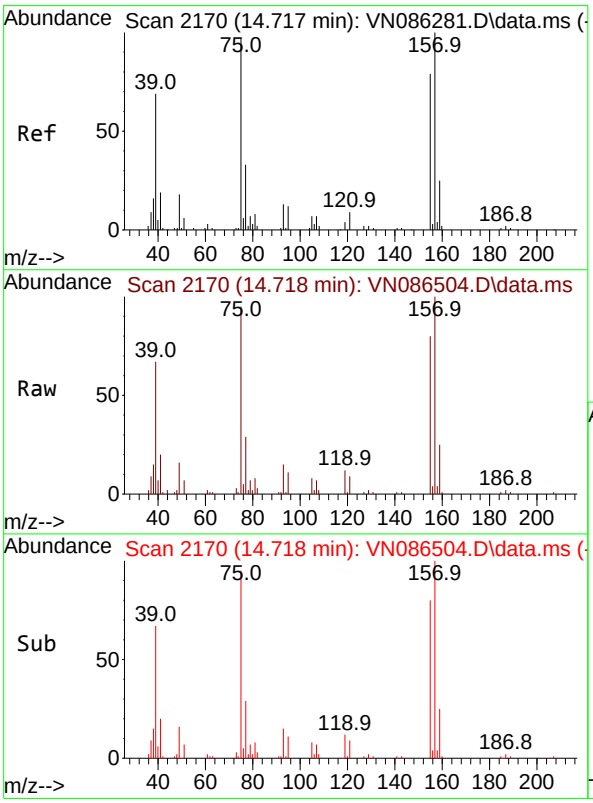
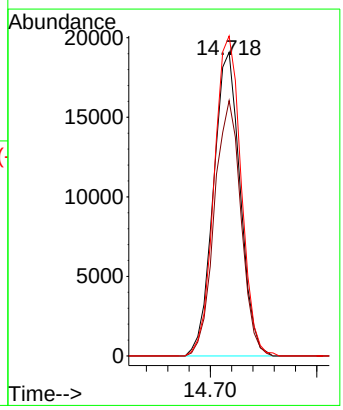


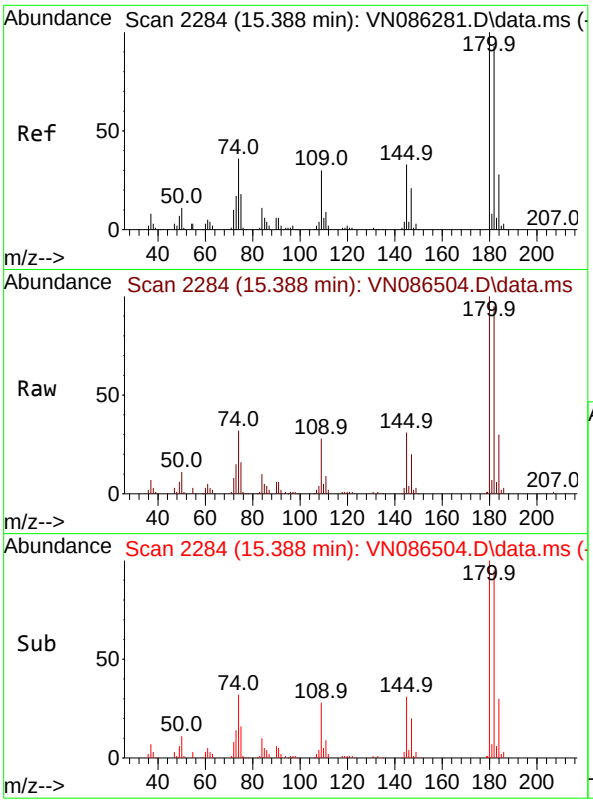


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.153 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion: 75 Resp: 33271

Ion	Ratio	Lower	Upper
75	100		
155	83.5	40.3	120.9
157	105.8	49.0	147.2

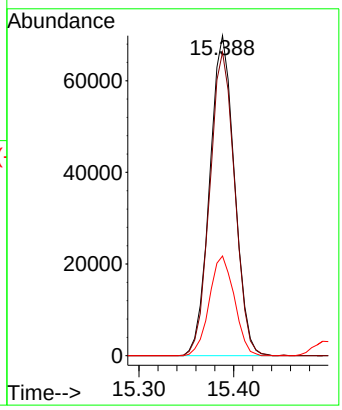




#93
1,2,4-Trichlorobenzene
Concen: 51.561 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:180 Resp: 12672

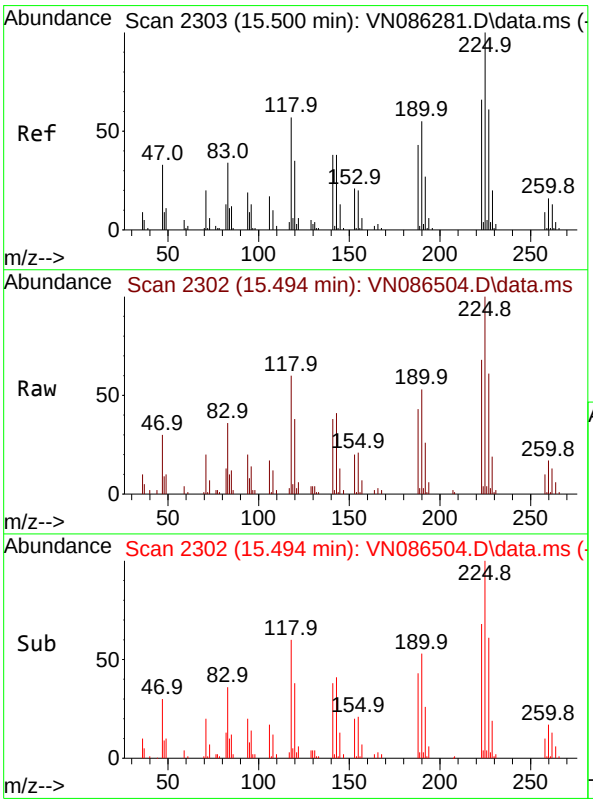
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	31.5	16.4	49.1



Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

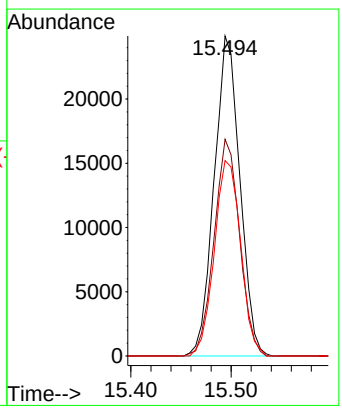
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

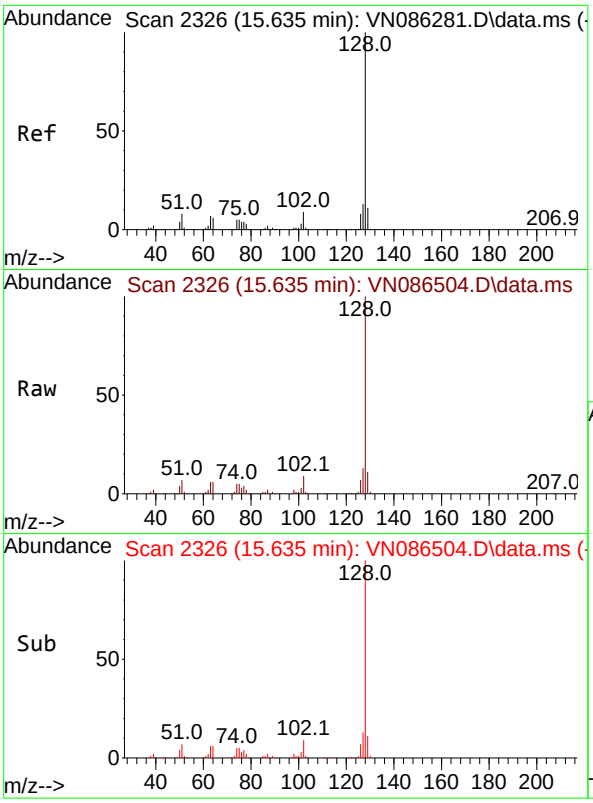


#94
Hexachlorobutadiene
Concen: 47.708 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:225 Resp: 44262

Ion	Ratio	Lower	Upper
225	100		
223	67.1	32.8	98.3
227	62.6	31.4	94.0





#95
Naphthalene
Concen: 48.117 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

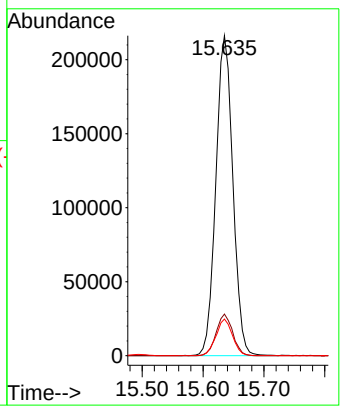
Tgt Ion:128 Resp: 41921

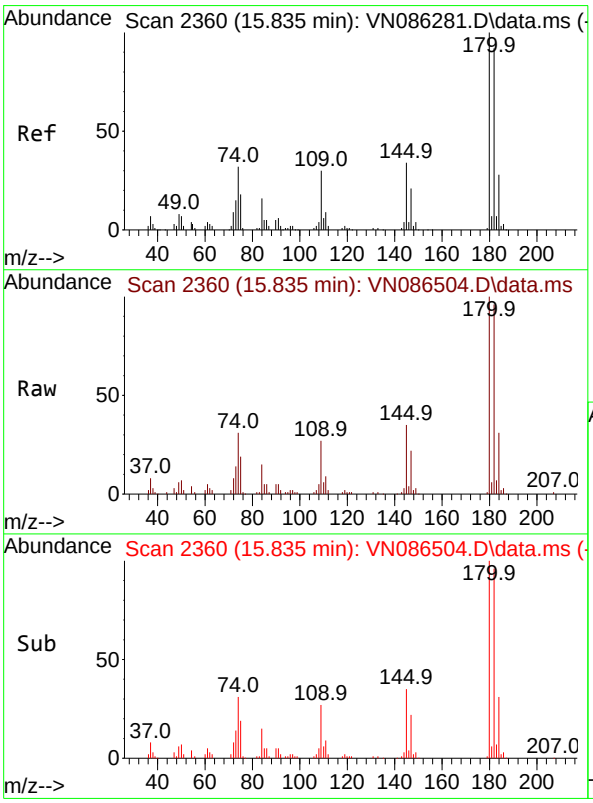
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.1	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

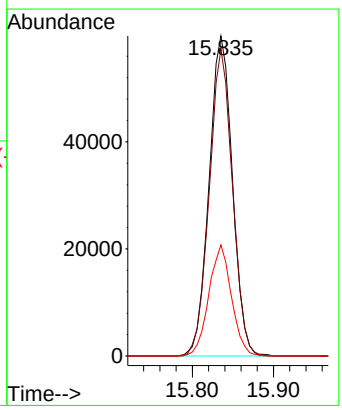




#96
1,2,3-Trichlorobenzene
Concen: 51.224 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086504.D
Acq: 06 May 2025 10:35

Tgt Ion:180 Resp: 119191

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.3	142.0
145	33.6	17.2	51.5



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	84	0.00
2	T	Dichlorodifluoromethane	0.593	0.516	13.0	73	0.00
3	P	Chloromethane	0.861	0.689	20.0	76	0.00
4	C	Vinyl Chloride	0.822	0.657	20.1#	69	0.00
5	T	Bromomethane	0.370	0.402	-8.6	94	0.00
6	T	Chloroethane	0.550	0.451	18.0	75	0.00
7	T	Trichlorofluoromethane	0.911	0.858	5.8	83	0.00
8	T	Diethyl Ether	0.398	0.392	1.5	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.551	0.522	5.3	83	0.00
10	T	Methyl Iodide	0.606	0.690	-13.9	96	0.00
11	T	Tert butyl alcohol	0.132	0.121	8.3	82	0.00
12	CM	1,1-Dichloroethene	0.588	0.522	11.2#	79	0.00
13	T	Acrolein	0.075	0.072	4.0	99	0.00
14	T	Allyl chloride	1.046	0.819	21.7	74	0.00
15	T	Acrylonitrile	0.327	0.307	6.1	81	0.00
16	T	Acetone	0.290	0.245	15.5	82	0.00
17	T	Carbon Disulfide	1.762	1.369	22.3	74	0.00
18	T	Methyl Acetate	0.870	0.727	16.4	78	0.00
19	T	Methyl tert-butyl Ether	2.163	2.165	-0.1	90	0.00
20	T	Methylene Chloride	0.670	0.662	1.2	89	0.00
21	T	trans-1,2-Dichloroethene	0.615	0.591	3.9	86	0.00
22	T	Diisopropyl ether	2.276	2.062	9.4	82	0.00
23	T	Vinyl Acetate	1.591	1.488	6.5	84	0.00
24	P	1,1-Dichloroethane	1.201	1.115	7.2	82	0.00
25	T	2-Butanone	0.451	0.405	10.2	80	0.00
26	T	2,2-Dichloropropane	1.075	1.001	6.9	85	0.00
27	T	cis-1,2-Dichloroethene	0.764	0.771	-0.9	90	0.00
28	T	Bromochloromethane	0.509	0.438	13.9	74	0.00
29	T	Tetrahydrofuran	0.302	0.267	11.6	79	0.00
30	C	Chloroform	1.180	1.187	-0.6#	90	0.00
31	T	Cyclohexane	1.175	0.920	21.7	72	0.00
32	T	1,1,1-Trichloroethane	1.009	0.973	3.6	86	0.00
33	S	1,2-Dichloroethane-d4	0.725	0.698	3.7	81	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35	S	Dibromofluoromethane	0.232	0.250	-7.8	95	0.00
36	T	1,1-Dichloropropene	0.463	0.435	6.0	80	0.00
37	T	Ethyl Acetate	0.488	0.451	7.6	83	0.00
38	T	Carbon Tetrachloride	0.441	0.447	-1.4	87	0.00
39	T	Methylcyclohexane	0.551	0.494	10.3	77	0.00
40	TM	Benzene	1.485	1.462	1.5	85	0.00
41	T	Methacrylonitrile	0.283	0.261	7.8	81	0.00
42	TM	1,2-Dichloroethane	0.474	0.511	-7.8	94	0.00
43	T	Isopropyl Acetate	1.177	0.832	29.3#	79	0.00
44	TM	Trichloroethene	0.352	0.379	-7.7	92	0.00
45	C	1,2-Dichloropropane	0.364	0.360	1.1#	84	0.00
46	T	Dibromomethane	0.232	0.262	-12.9	94	0.00
47	T	Bromodichloromethane	0.500	0.542	-8.4	93	0.00
48	T	Methyl methacrylate	0.429	0.391	8.9	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	0.007	0.008	-14.3	95	0.00
50	S	Toluene-d8	1.240	1.178	5.0	77	0.00
51	T	4-Methyl-2-Pentanone	0.500	0.480	4.0	81	0.00
52	CM	Toluene	0.927	0.953	-2.8#	87	0.00
53	T	t-1,3-Dichloropropene	0.558	0.591	-5.9	88	0.00
54	T	cis-1,3-Dichloropropene	0.613	0.628	-2.4	89	0.00
55	T	1,1,2-Trichloroethane	0.333	0.362	-8.7	93	0.00
56	T	Ethyl methacrylate	0.613	0.622	-1.5	88	0.00
57	T	1,3-Dichloropropane	0.592	0.622	-5.1	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.291	0.249	14.4	71	0.00
59	T	2-Hexanone	0.371	0.352	5.1	81	0.00
60	T	Dibromochloromethane	0.366	0.419	-14.5	97	0.00
61	T	1,2-Dibromoethane	0.336	0.376	-11.9	95	0.00
62	S	4-Bromofluorobenzene	0.452	0.460	-1.8	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64	T	Tetrachloroethene	0.385	0.415	-7.8	96	0.00
65	PM	Chlorobenzene	1.116	1.152	-3.2	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.368	0.394	-7.1	97	0.00
67	C	Ethyl Benzene	2.014	1.981	1.6#	88	0.00
68	T	m/p-Xylenes	0.754	0.762	-1.1	90	0.00
69	T	o-Xylene	0.746	0.762	-2.1	91	0.00
70	T	Styrene	1.243	1.312	-5.6	92	0.00
71	P	Bromoform	0.277	0.306	-10.5	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	4.090	3.729	8.8	89	0.00
74	T	N-amyl acetate	2.036	1.625	20.2	82	0.00
75	P	1,1,2,2-Tetrachloroethane	1.176	1.085	7.7	94	0.00
76	T	1,2,3-Trichloropropane	1.180	1.056	10.5	91	0.00
77	T	Bromobenzene	0.906	0.960	-6.0	101	0.00
78	T	n-propylbenzene	4.820	4.382	9.1	87	0.00
79	T	2-Chlorotoluene	3.016	2.825	6.3	92	0.00
80	T	1,3,5-Trimethylbenzene	3.348	3.125	6.7	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.491	0.484	1.4	94	0.00
82	T	4-Chlorotoluene	2.996	2.870	4.2	91	0.00
83	T	tert-Butylbenzene	2.901	2.643	8.9	91	0.00
84	T	1,2,4-Trimethylbenzene	3.408	3.236	5.0	91	0.00
85	T	sec-Butylbenzene	4.023	3.668	8.8	87	0.00
86	T	p-Isopropyltoluene	3.316	3.160	4.7	90	0.00
87	T	1,3-Dichlorobenzene	1.704	1.774	-4.1	99	0.00
88	T	1,4-Dichlorobenzene	1.716	1.798	-4.8	100	0.00
89	T	n-Butylbenzene	2.939	2.699	8.2	85	0.00
90	T	Hexachloroethane	0.558	0.511	8.4	88	0.00
91	T	1,2-Dichlorobenzene	1.652	1.724	-4.4	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.237	0.214	9.7	86	0.00
93	T	1,2,4-Trichlorobenzene	0.791	0.816	-3.2	95	0.00
94	T	Hexachlorobutadiene	0.299	0.285	4.7	91	0.00
95	T	Naphthalene	2.804	2.698	3.8	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.767	-2.4	97	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	43.500	13.0	73	0.00
3	P	Chloromethane	50.000	39.987	20.0	76	0.00
4	C	Vinyl Chloride	50.000	39.936	20.1#	69	0.00
5	T	Bromomethane	50.000	54.322	-8.6	94	0.00
6	T	Chloroethane	50.000	40.974	18.1	75	0.00
7	T	Trichlorofluoromethane	50.000	47.087	5.8	83	0.00
8	T	Diethyl Ether	50.000	49.246	1.5	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.367	5.3	83	0.00
10	T	Methyl Iodide	50.000	56.950	-13.9	96	0.00
11	T	Tert butyl alcohol	250.000	228.947	8.4	82	0.00
12	CM	1,1-Dichloroethene	50.000	44.312	11.4#	79	0.00
13	T	Acrolein	250.000	293.679	-17.5	99	0.00
14	T	Allyl chloride	50.000	39.156	21.7	74	0.00
15	T	Acrylonitrile	250.000	234.814	6.1	81	0.00
16	T	Acetone	250.000	244.342	2.3	82	0.00
17	T	Carbon Disulfide	50.000	38.837	22.3	74	0.00
18	T	Methyl Acetate	50.000	41.778	16.4	78	0.00
19	T	Methyl tert-butyl Ether	50.000	50.044	-0.1	90	0.00
20	T	Methylene Chloride	50.000	49.351	1.3	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.068	3.9	86	0.00
22	T	Diisopropyl ether	50.000	45.301	9.4	82	0.00
23	T	Vinyl Acetate	250.000	233.806	6.5	84	0.00
24	P	1,1-Dichloroethane	50.000	46.419	7.2	82	0.00
25	T	2-Butanone	250.000	224.541	10.2	80	0.00
26	T	2,2-Dichloropropane	50.000	46.561	6.9	85	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.460	-0.9	90	0.00
28	T	Bromochloromethane	50.000	42.971	14.1	74	0.00
29	T	Tetrahydrofuran	250.000	220.791	11.7	79	0.00
30	C	Chloroform	50.000	50.306	-0.6#	90	0.00
31	T	Cyclohexane	50.000	39.129	21.7	72	0.00
32	T	1,1,1-Trichloroethane	50.000	48.218	3.6	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.151	3.7	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	53.831	-7.7	95	0.00
36	T	1,1-Dichloropropene	50.000	46.967	6.1	80	0.00
37	T	Ethyl Acetate	50.000	46.172	7.7	83	0.00
38	T	Carbon Tetrachloride	50.000	50.659	-1.3	87	0.00
39	T	Methylcyclohexane	50.000	44.873	10.3	77	0.00
40	TM	Benzene	50.000	49.232	1.5	85	0.00
41	T	Methacrylonitrile	50.000	46.194	7.6	81	0.00
42	TM	1,2-Dichloroethane	50.000	53.978	-8.0	94	0.00
43	T	Isopropyl Acetate	50.000	47.497	5.0	79	0.00
44	TM	Trichloroethene	50.000	53.841	-7.7	92	0.00
45	C	1,2-Dichloropropane	50.000	49.467	1.1#	84	0.00
46	T	Dibromomethane	50.000	56.513	-13.0	94	0.00
47	T	Bromodichloromethane	50.000	54.188	-8.4	93	0.00
48	T	Methyl methacrylate	50.000	45.599	8.8	81	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	1037.266	-3.7	95	0.00
50	S	Toluene-d8	50.000	47.496	5.0	77	0.00
51	T	4-Methyl-2-Pentanone	250.000	240.230	3.9	81	0.00
52	CM	Toluene	50.000	51.451	-2.9#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	52.877	-5.8	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.209	-2.4	89	0.00
55	T	1,1,2-Trichloroethane	50.000	54.288	-8.6	93	0.00
56	T	Ethyl methacrylate	50.000	50.739	-1.5	88	0.00
57	T	1,3-Dichloropropane	50.000	52.560	-5.1	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	214.142	14.3	71	0.00
59	T	2-Hexanone	250.000	237.737	4.9	81	0.00
60	T	Dibromochloromethane	50.000	57.174	-14.3	97	0.00
61	T	1,2-Dibromoethane	50.000	55.879	-11.8	95	0.00
62	S	4-Bromofluorobenzene	50.000	50.872	-1.7	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	53.908	-7.8	96	0.00
65	PM	Chlorobenzene	50.000	51.618	-3.2	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.454	-6.9	97	0.00
67	C	Ethyl Benzene	50.000	49.188	1.6#	88	0.00
68	T	m/p-Xylenes	100.000	101.007	-1.0	90	0.00
69	T	o-Xylene	50.000	51.063	-2.1	91	0.00
70	T	Styrene	50.000	52.777	-5.6	92	0.00
71	P	Bromoform	50.000	55.203	-10.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	45.586	8.8	89	0.00
74	T	N-amyl acetate	50.000	39.902	20.2	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.141	7.7	94	0.00
76	T	1,2,3-Trichloropropane	50.000	44.750	10.5	91	0.00
77	T	Bromobenzene	50.000	52.953	-5.9	101	0.00
78	T	n-propylbenzene	50.000	45.457	9.1	87	0.00
79	T	2-Chlorotoluene	50.000	46.829	6.3	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.676	6.6	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.258	1.5	94	0.00
82	T	4-Chlorotoluene	50.000	47.903	4.2	91	0.00
83	T	tert-Butylbenzene	50.000	45.565	8.9	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.478	5.0	91	0.00
85	T	sec-Butylbenzene	50.000	45.578	8.8	87	0.00
86	T	p-Isopropyltoluene	50.000	47.642	4.7	90	0.00
87	T	1,3-Dichlorobenzene	50.000	52.061	-4.1	99	0.00
88	T	1,4-Dichlorobenzene	50.000	52.379	-4.8	100	0.00
89	T	n-Butylbenzene	50.000	45.909	8.2	85	0.00
90	T	Hexachloroethane	50.000	45.790	8.4	88	0.00
91	T	1,2-Dichlorobenzene	50.000	52.188	-4.4	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.153	9.7	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.561	-3.1	95	0.00
94	T	Hexachlorobutadiene	50.000	47.708	4.6	91	0.00
95	T	Naphthalene	50.000	48.117	3.8	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086504.D
Acq On : 06 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:53:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 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	51.224	-2.4	97	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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_X Calibration Date/Time: 04/30/2025 10:01

Lab File ID: VX045985.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.463	1.629		11.35	20
Toluene	0.885	1.002		13.22	20
Ethyl Benzene	1.914	2.259		18.02	20
m/p-Xylenes	0.696	0.828		18.97	20
o-Xylene	0.686	0.796		16.03	20
Isopropylbenzene	4.005	4.466		11.51	20
n-propylbenzene	4.613	5.277		14.39	20
1,3,5-Trimethylbenzene	3.312	3.775		13.98	20
tert-Butylbenzene	3.279	3.730		13.75	20
1,2,4-Trimethylbenzene	3.324	3.798		14.26	20
sec-Butylbenzene	4.027	4.708		16.91	20
p-Isopropyltoluene	3.320	3.912		17.83	20
n-Butylbenzene	2.879	3.538		22.89	20
1,2-Dichloroethane-d4	0.914	0.976		6.78	20
Dibromofluoromethane	0.355	0.405		14.09	20
Toluene-d8	1.238	1.287		3.96	20
4-Bromofluorobenzene	0.451	0.514		13.97	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\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	83019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	141256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80995	53.349	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.700%			
35) Dibromofluoromethane	5.373	113	57222	57.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.200%			
50) Toluene-d8	8.646	98	181740	51.954	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	72535	56.926	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	61470	49.511	ug/l	97
3) Chloromethane	1.306	50	62142	48.720	ug/l	98
4) Vinyl Chloride	1.373	62	59100	50.631	ug/l	99
5) Bromomethane	1.593	94	27831	50.285	ug/l	99
6) Chloroethane	1.666	64	33319	53.801	ug/l	98
7) Trichlorofluoromethane	1.873	101	96541	55.463	ug/l	100
8) Diethyl Ether	2.129	74	32208	55.114	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	59765	58.595	ug/l	97
10) Methyl Iodide	2.446	142	67042	52.697	ug/l	98
11) Tert butyl alcohol	2.971	59	58258	285.531	ug/l	98
12) 1,1-Dichloroethene	2.306	96	53649	53.830	ug/l	99
13) Acrolein	2.233	56	70105	249.511	ug/l	99
14) Allyl chloride	2.654	41	107014	56.591	ug/l	99
15) Acrylonitrile	3.062	53	180191	279.773	ug/l	99
16) Acetone	2.379	43	171103	274.460	ug/l	98
17) Carbon Disulfide	2.501	76	118522	48.149	ug/l	100
18) Methyl Acetate	2.702	43	102006	71.068	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197424	56.627	ug/l	99
20) Methylene Chloride	2.782	84	62273	53.357	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	54085	53.118	ug/l	96
22) Diisopropyl ether	3.757	45	210737	56.574	ug/l	97
23) Vinyl Acetate	3.714	43	900723	279.868	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115868	55.001	ug/l	99
25) 2-Butanone	4.550	43	260657	285.635	ug/l	98
26) 2,2-Dichloropropane	4.464	77	89561	65.801	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	66980	53.994	ug/l	96
28) Bromochloromethane	4.891	49	51886	50.967	ug/l	99
29) Tetrahydrofuran	5.001	42	163973	277.150	ug/l	99
30) Chloroform	5.086	83	122387	56.460	ug/l	96
31) Cyclohexane	5.458	56	97974	52.607	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	105967	57.773	ug/l	98
36) 1,1-Dichloropropene	5.684	75	77142	57.008	ug/l	98
37) Ethyl Acetate	4.708	43	95465	55.982	ug/l	100
38) Carbon Tetrachloride	5.665	117	89240	61.020	ug/l	95
39) Methylcyclohexane	7.372	83	96485	58.168	ug/l	96
40) Benzene	6.031	78	230095	55.676	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.915	41	55285	61.444	ug/l		98
42) 1,2-Dichloroethane	6.080	62	101162	59.265	ug/l		99
43) Isopropyl Acetate	6.336	43	152975	59.187	ug/l		99
44) Trichloroethene	7.116	130	53879	54.850	ug/l		89
45) 1,2-Dichloropropane	7.421	63	59913	58.102	ug/l		96
46) Dibromomethane	7.573	93	45762	57.812	ug/l		99
47) Bromodichloromethane	7.817	83	93621	59.224	ug/l		99
48) Methyl methacrylate	7.689	41	80498	60.322	ug/l		98
49) 1,4-Dioxane	7.653	88	28230	1169.224	ug/l		96
51) 4-Methyl-2-Pentanone	8.567	43	523428	305.494	ug/l		99
52) Toluene	8.713	92	141515	56.589	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	83909	54.959	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	93412	62.882	ug/l		97
55) 1,1,2-Trichloroethane	9.146	97	57721	57.923	ug/l		97
56) Ethyl methacrylate	9.116	69	93271	60.478	ug/l		99
57) 1,3-Dichloropropane	9.305	76	101237	58.340	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	225591	289.158	ug/l		100
59) 2-Hexanone	9.427	43	385019	303.451	ug/l		100
60) Dibromochloromethane	9.518	129	67023	61.693	ug/l		99
61) 1,2-Dibromoethane	9.604	107	59506	58.989	ug/l		99
64) Tetrachloroethene	9.268	164	48815	56.324	ug/l		98
65) Chlorobenzene	10.073	112	152893	58.288	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	53762	59.035	ug/l		99
67) Ethyl Benzene	10.189	91	277323	59.031	ug/l		100
68) m/p-Xylenes	10.299	106	203329	118.999	ug/l		100
69) o-Xylene	10.640	106	97759	58.079	ug/l		96
70) Styrene	10.652	104	168026	60.482	ug/l		99
71) Bromoform	10.798	173	43749	64.339	ug/l	#	98
73) Isopropylbenzene	10.957	105	270422	55.748	ug/l		100
74) N-amyl acetate	10.841	43	131755	56.782	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89373	52.449	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	79337m	53.709	ug/l		
77) Bromobenzene	11.195	156	61170	54.578	ug/l		99
78) n-propylbenzene	11.298	91	319585	57.199	ug/l		100
79) 2-Chlorotoluene	11.359	91	194891	54.562	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	228624	56.997	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	25105	57.681	ug/l		98
82) 4-Chlorotoluene	11.451	91	226967	56.991	ug/l		100
83) tert-Butylbenzene	11.713	119	225892	56.883	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	230007	57.131	ug/l		99
85) sec-Butylbenzene	11.890	105	285093	58.450	ug/l		99
86) p-Isopropyltoluene	12.006	119	236921	58.918	ug/l		100
87) 1,3-Dichlorobenzene	11.963	146	113784	55.772	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	113296	54.777	ug/l		99
89) n-Butylbenzene	12.329	91	214265	61.446	ug/l		99
90) Hexachloroethane	12.536	117	41970	60.731	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	111483	54.962	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21144	59.332	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	64311	56.960	ug/l		100
94) Hexachlorobutadiene	13.725	225	29367	60.361	ug/l		97
95) Naphthalene	13.774	128	237119	56.435	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	67453	57.054	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

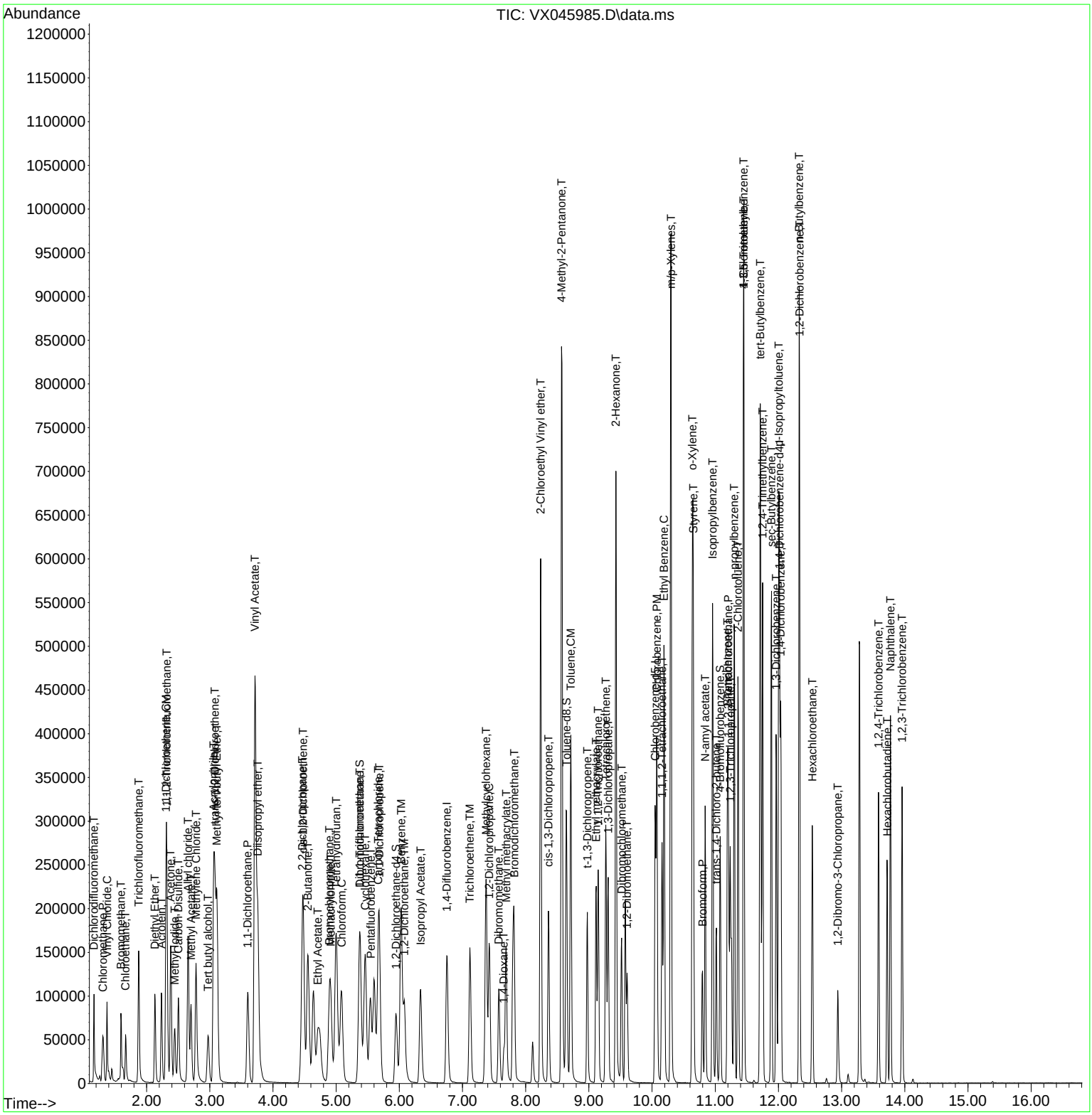
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

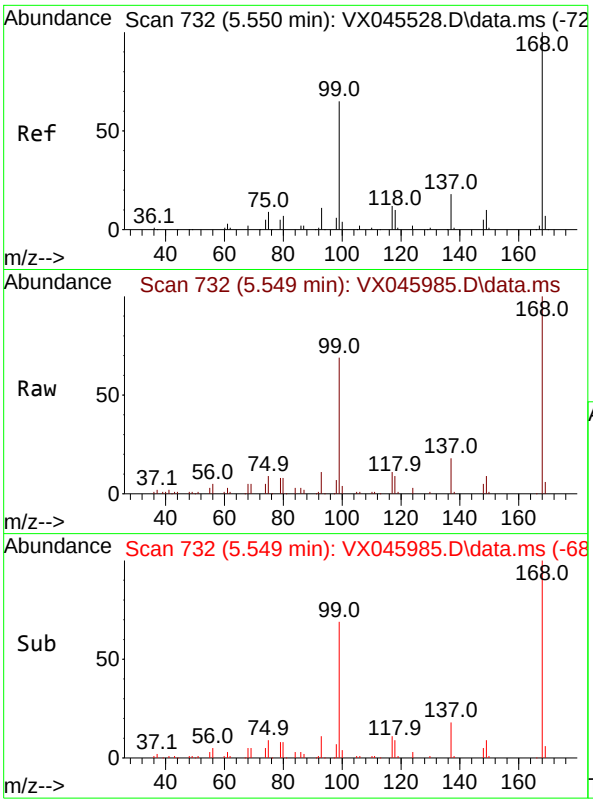
Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

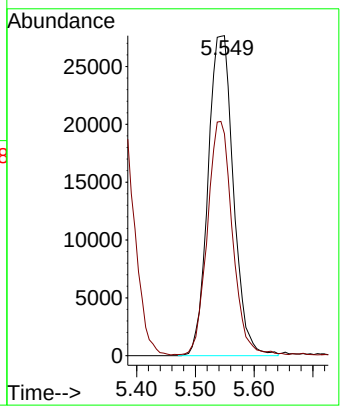




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 7
Delta R.T. -0.001 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:168 Resp: 8301

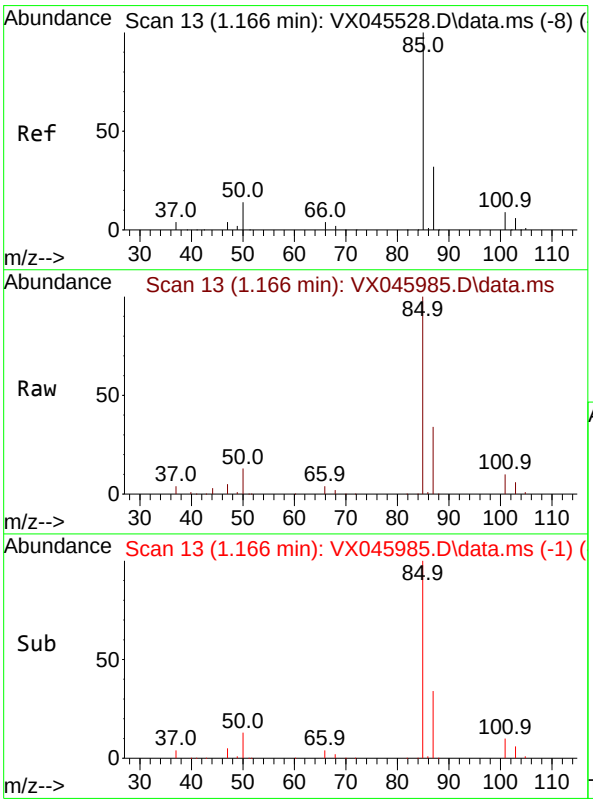
Ion	Ratio	Lower	Upper
168	100		
99	69.0	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

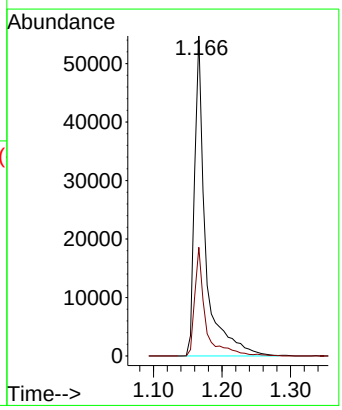
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

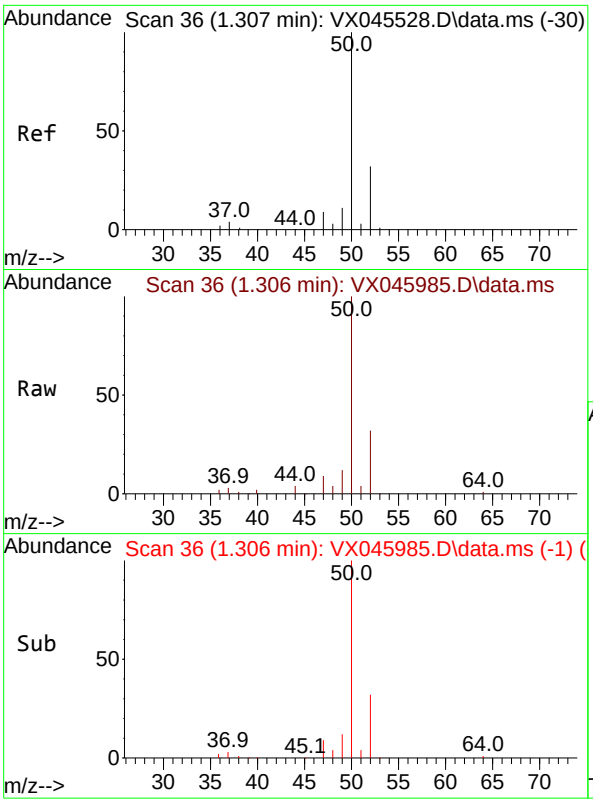


#2
Dichlorodifluoromethane
Concen: 49.511 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 85 Resp: 61470

Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.1	48.2

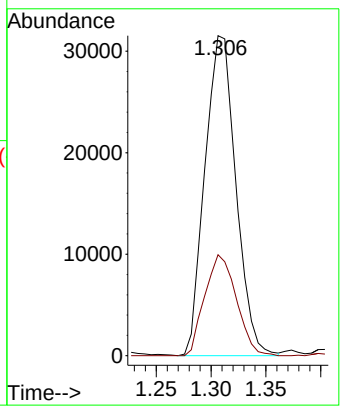




#3
Chloromethane
Concen: 48.720 ug/l
RT: 1.306 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 50 Resp: 6214

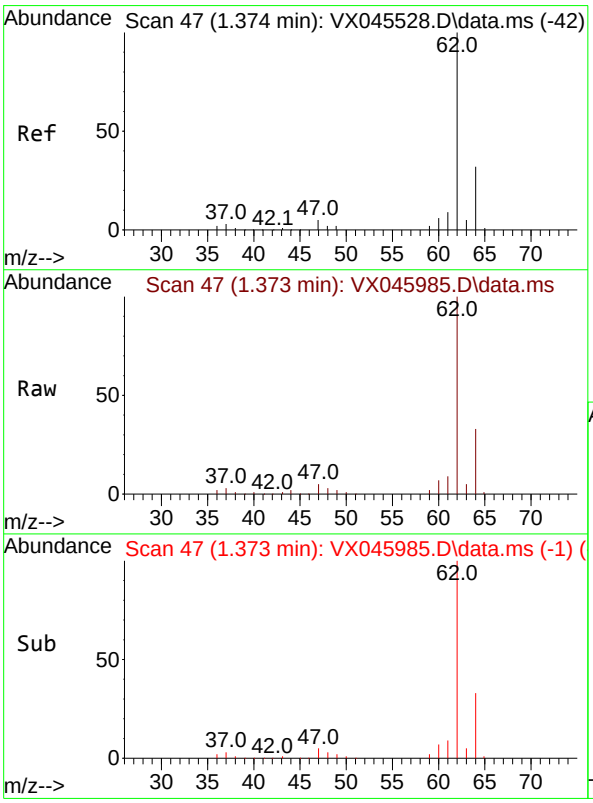
Ion	Ratio	Lower	Upper
50	100		
52	31.5	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

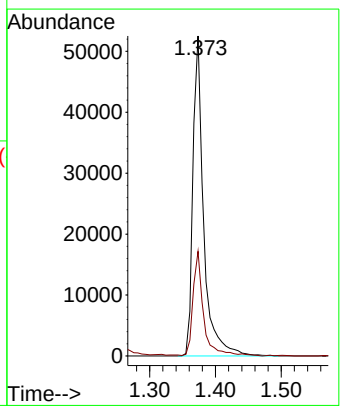
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

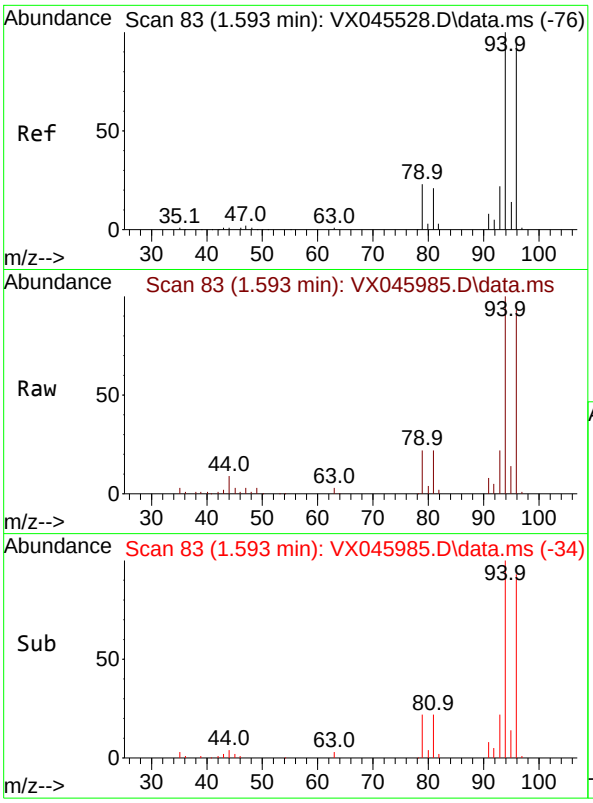


#4
Vinyl Chloride
Concen: 50.631 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 62 Resp: 59100

Ion	Ratio	Lower	Upper
62	100		
64	32.6	25.5	38.3

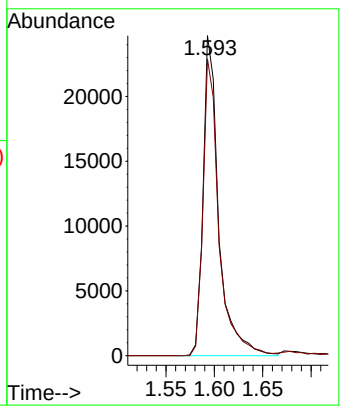




#5
Bromomethane
Concen: 50.285 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 94 Resp: 2783

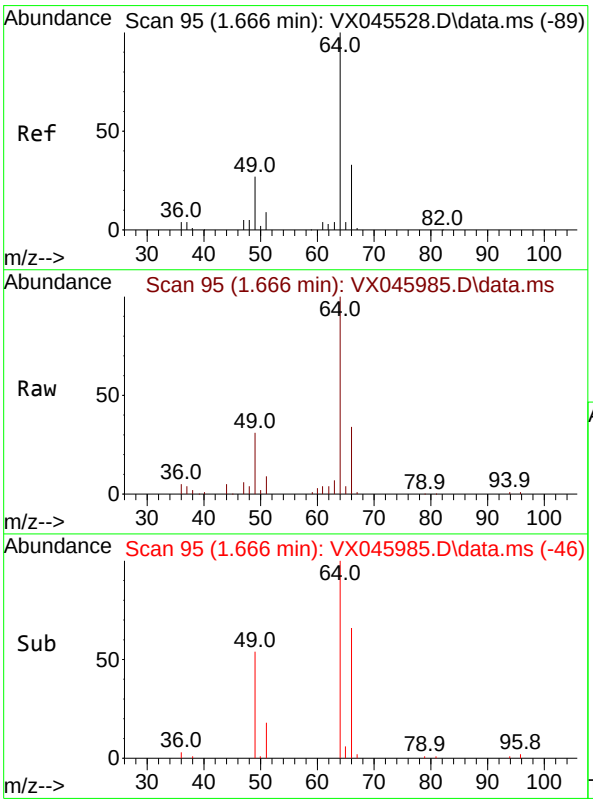
Ion	Ratio	Lower	Upper
94	100		
96	92.8	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

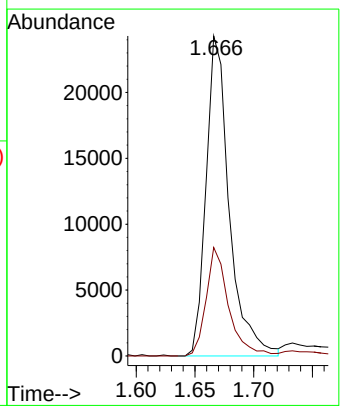
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

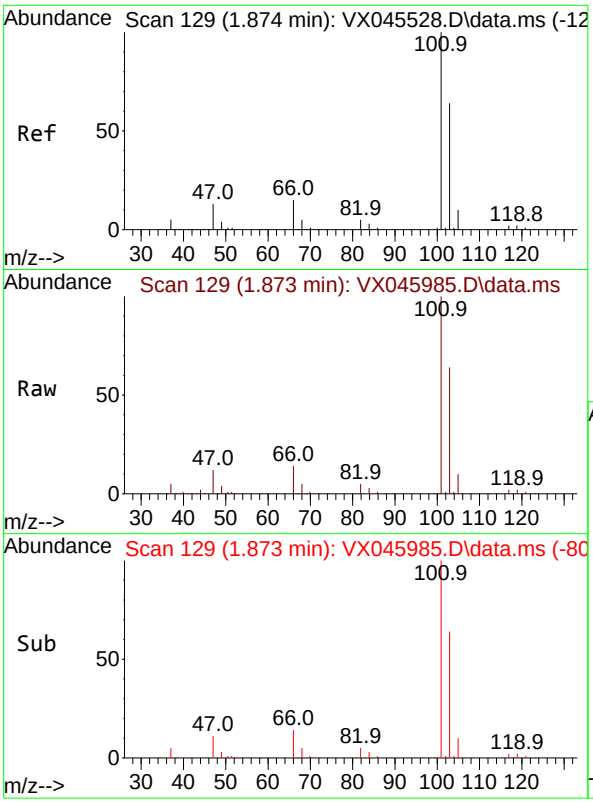


#6
Chloroethane
Concen: 53.801 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 64 Resp: 33319

Ion	Ratio	Lower	Upper
64	100		
66	33.9	26.3	39.5

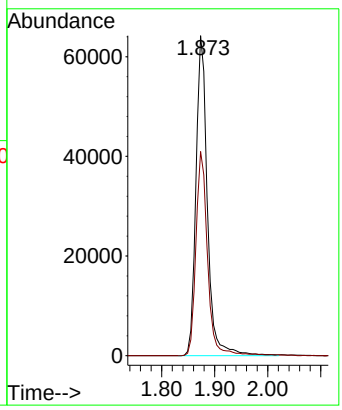




#7
Trichlorofluoromethane
Concen: 55.463 ug/l
RT: 1.873 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:101 Resp: 9654

Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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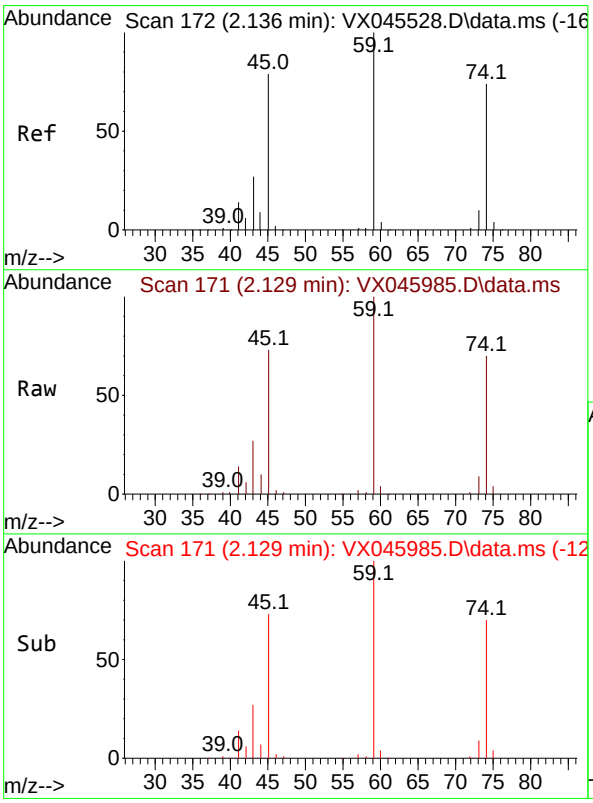
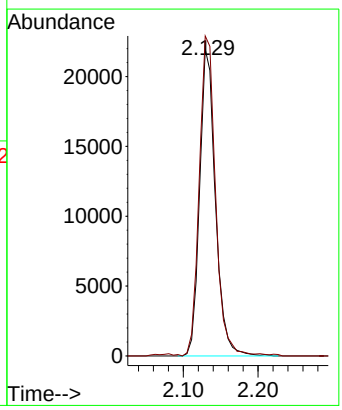
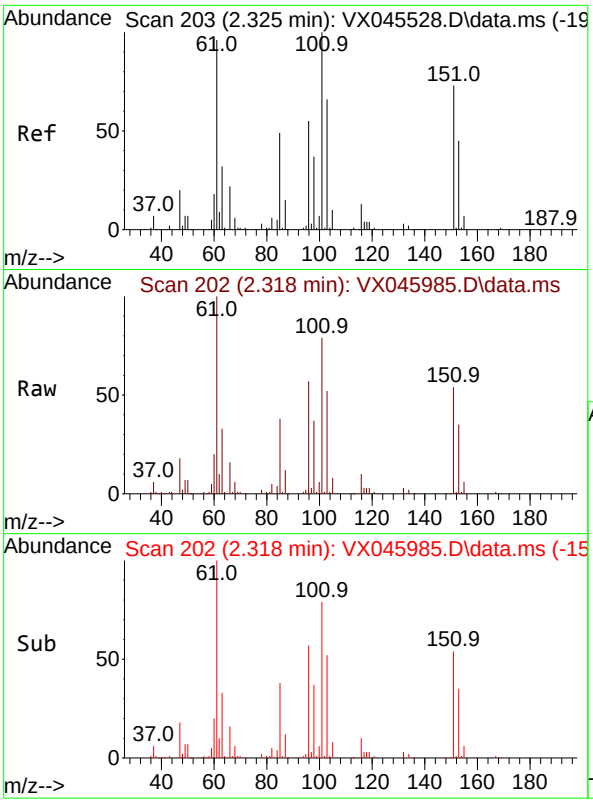


#8
Diethyl Ether
Concen: 55.114 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 74 Resp: 32208

Ion	Ratio	Lower	Upper
74	100		
45	108.1	53.0	159.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.595 ug/l
RT: 2.318 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:101 Resp: 5976

Ion	Ratio	Lower	Upper
101	100		
85	47.1	38.9	58.3
151	68.7	57.5	86.3

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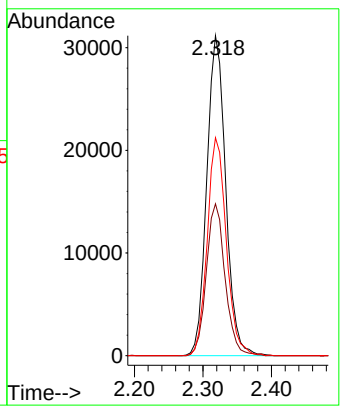
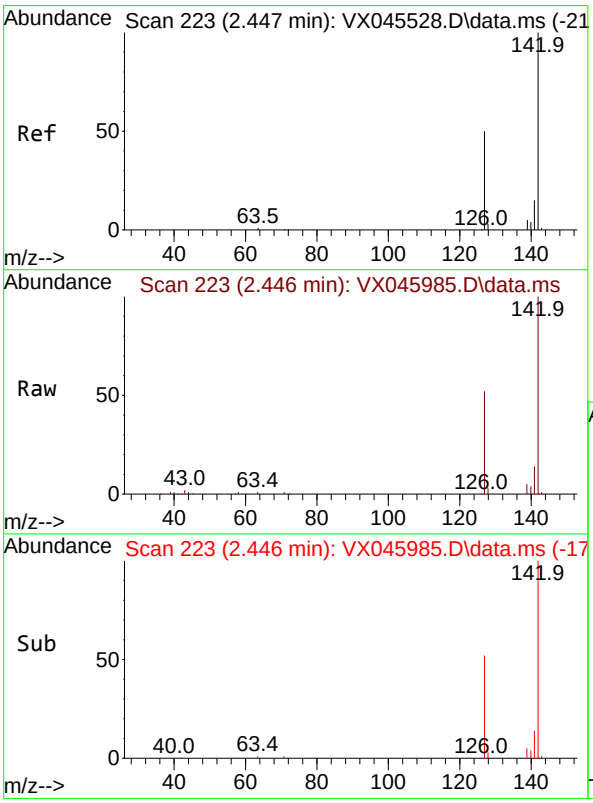
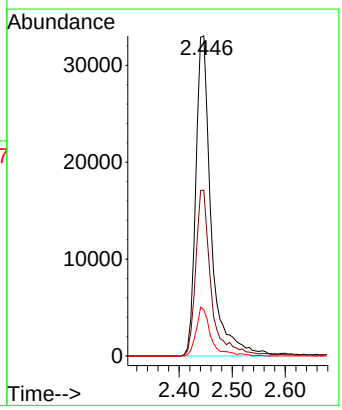


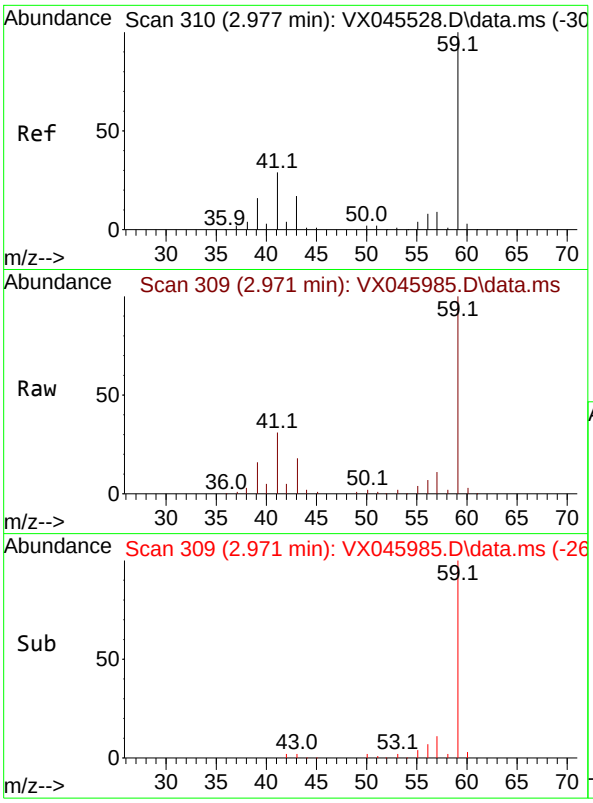


#10
Methyl Iodide
Concen: 52.697 ug/l
RT: 2.446 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:142 Resp: 67042

Ion	Ratio	Lower	Upper
142	100		
127	51.8	40.2	60.4
141	14.4	11.7	17.5

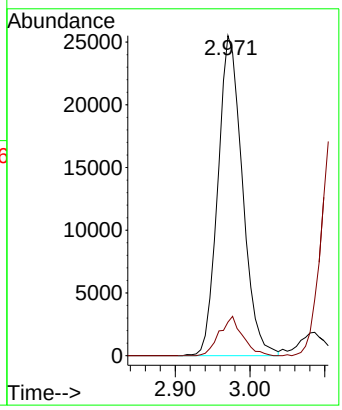




#11
Tert butyl alcohol
Concen: 285.531 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 59 Resp: 5825

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.6	12.8



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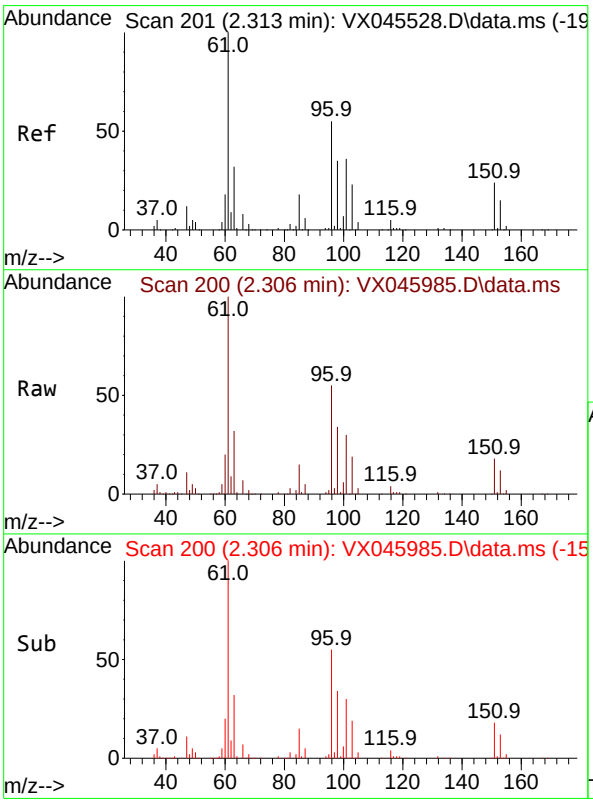
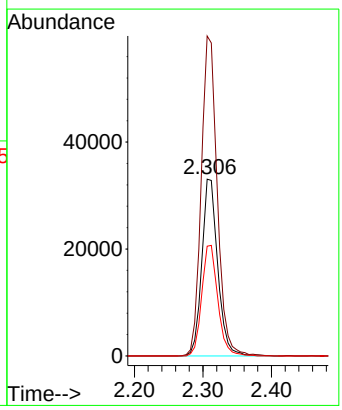
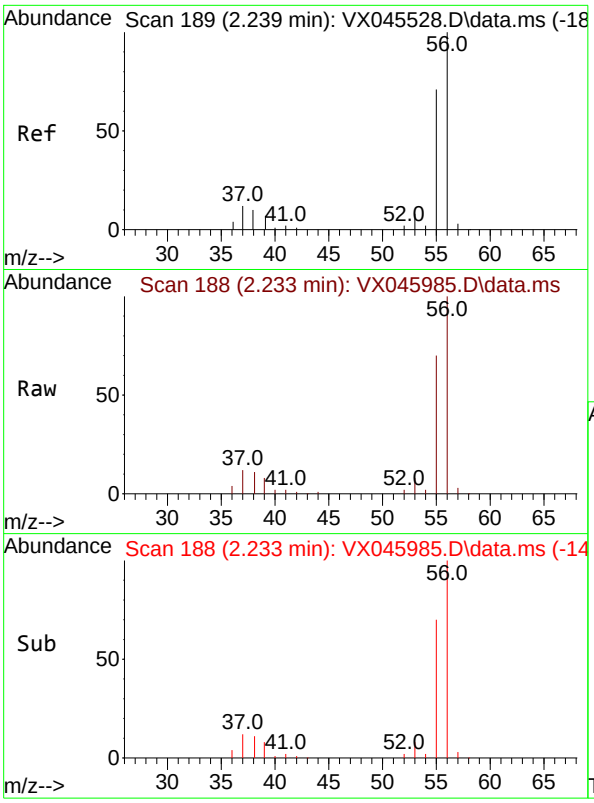


#12
1,1-Dichloroethene
Concen: 53.830 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 96 Resp: 53649

Ion	Ratio	Lower	Upper
96	100		
61	181.0	145.7	218.5
98	62.1	51.6	77.4

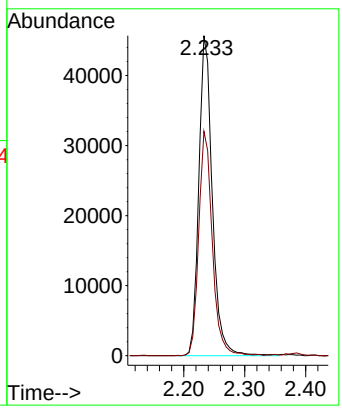




#13
Acrolein
Concen: 249.511 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 56 Resp: 7010

Ion	Ratio	Lower	Upper
56	100		
55	70.9	56.2	84.2



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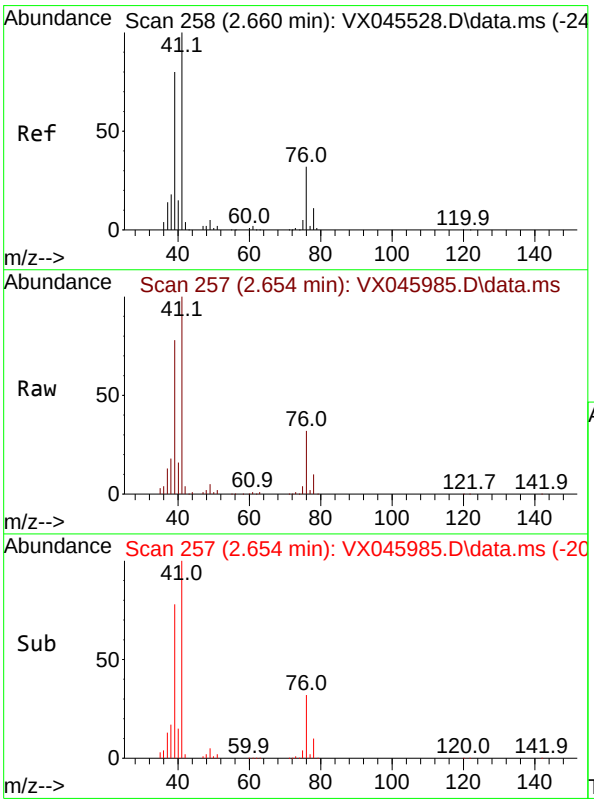
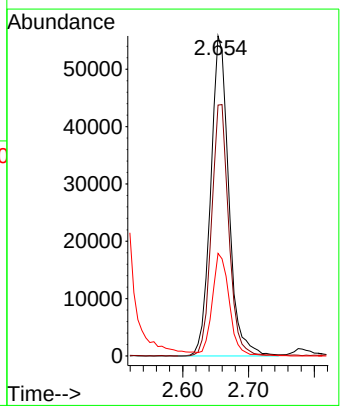
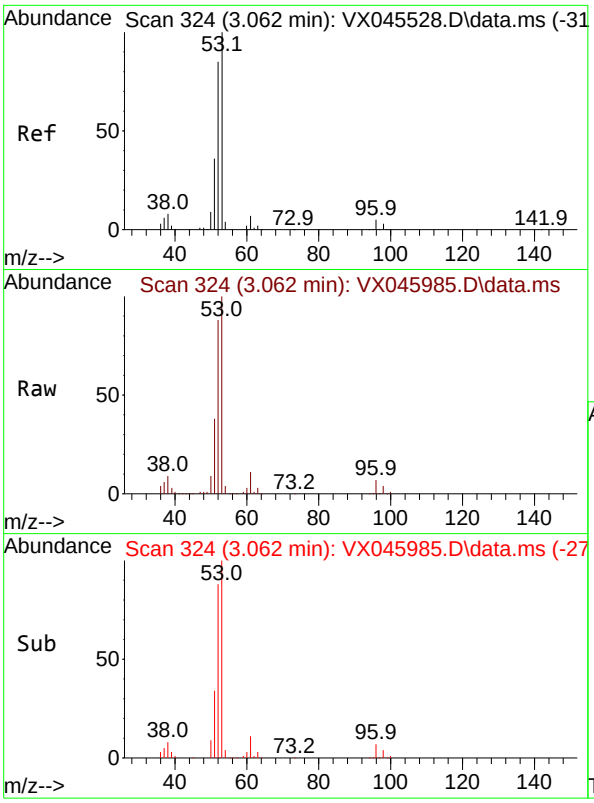


#14
Allyl chloride
Concen: 56.591 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 41 Resp: 107014

Ion	Ratio	Lower	Upper
41	100		
39	74.8	60.2	90.2
76	30.3	24.6	36.8





#15
Acrylonitrile
Concen: 279.773 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 53 Resp: 18019

Ion	Ratio	Lower	Upper
53	100		
52	84.6	67.4	101.2
51	38.0	29.9	44.9

Instrument :
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ClientSampleId :
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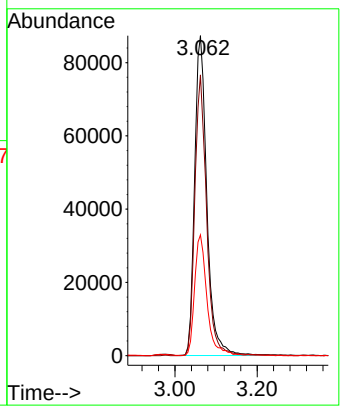
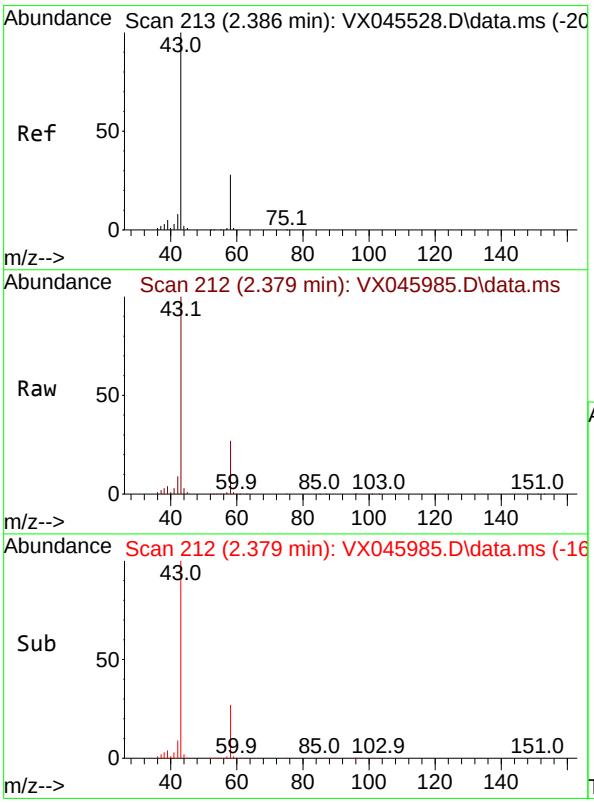
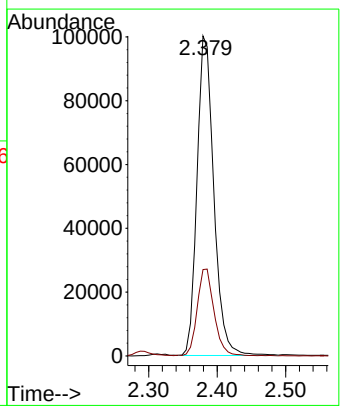


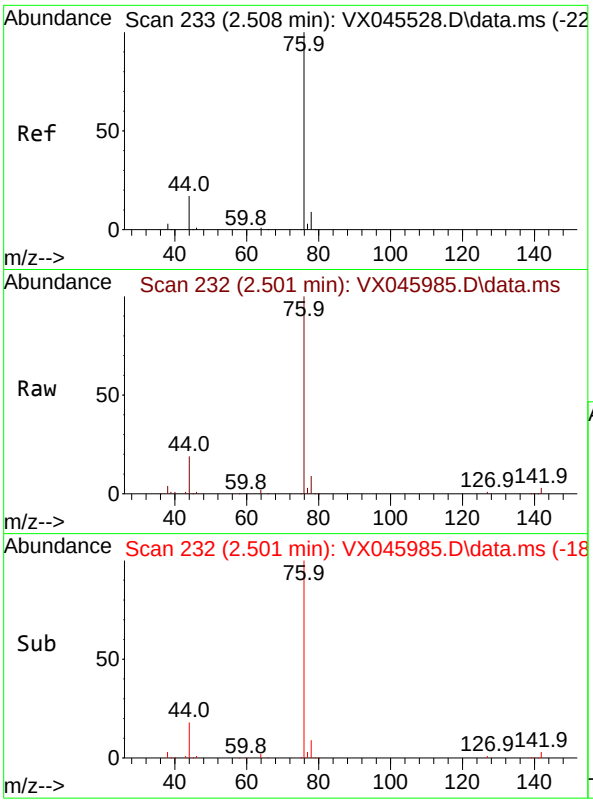


#16
Acetone
Concen: 274.460 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 171103

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.3	33.5

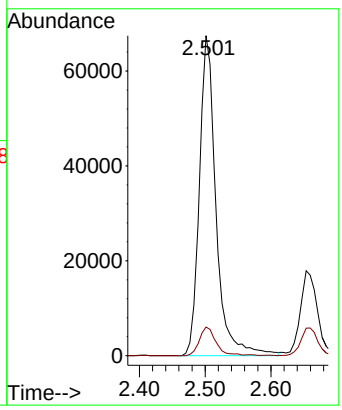




#17
Carbon Disulfide
Concen: 48.149 ug/l
RT: 2.501 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 76 Resp: 11852

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6



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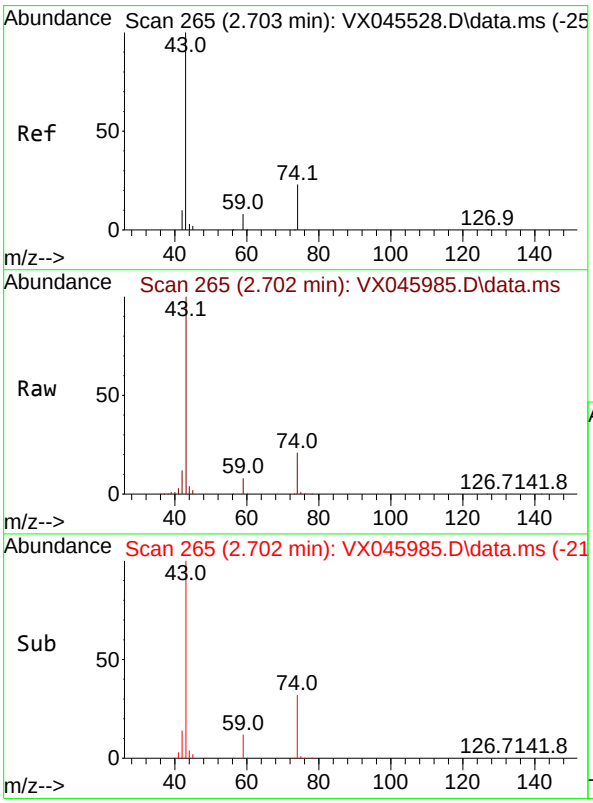
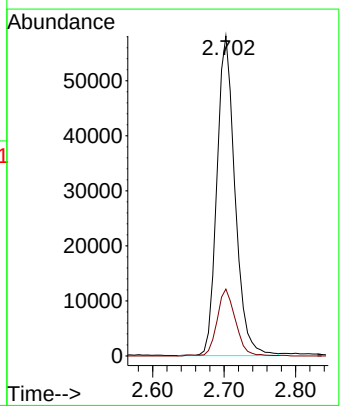
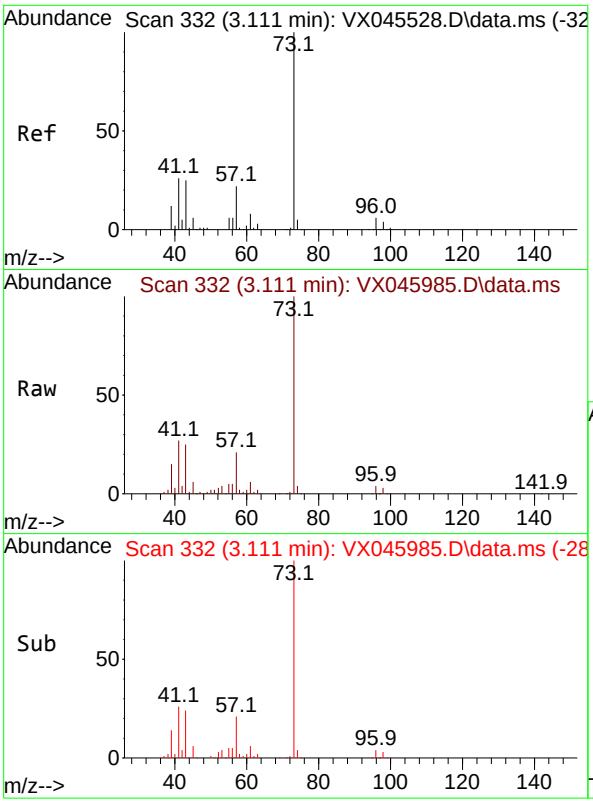


#18
Methyl Acetate
Concen: 71.068 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 102006

Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.5	26.3

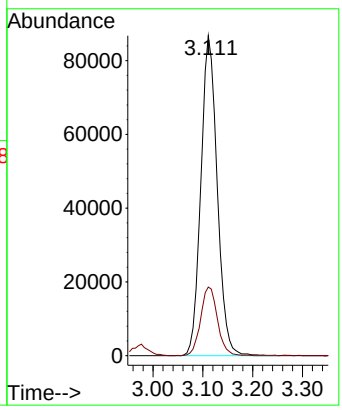




#19
Methyl tert-butyl Ether
Concen: 56.627 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 73 Resp: 19742

Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.6	26.4



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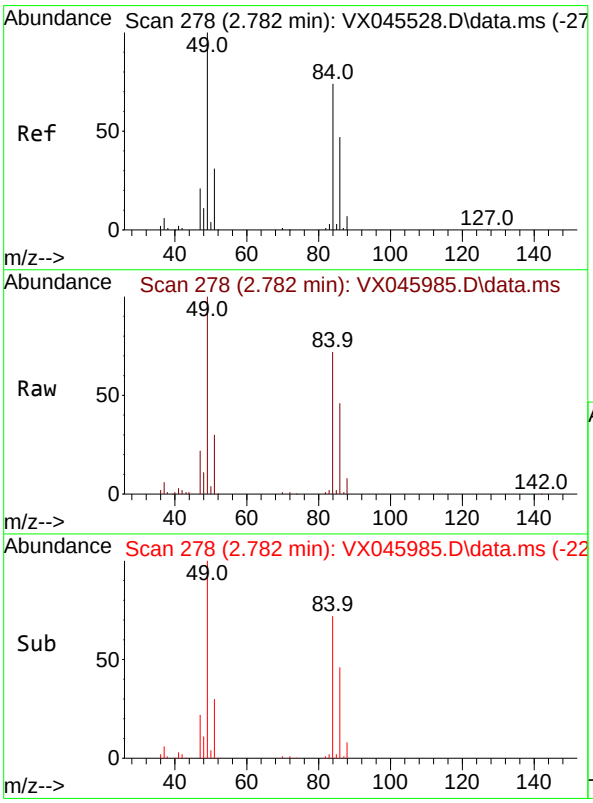
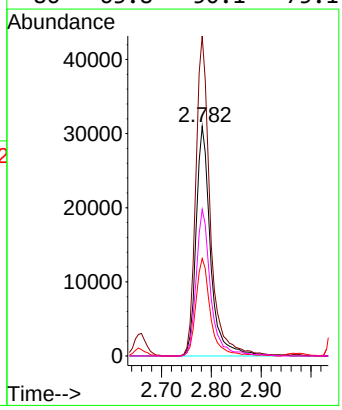
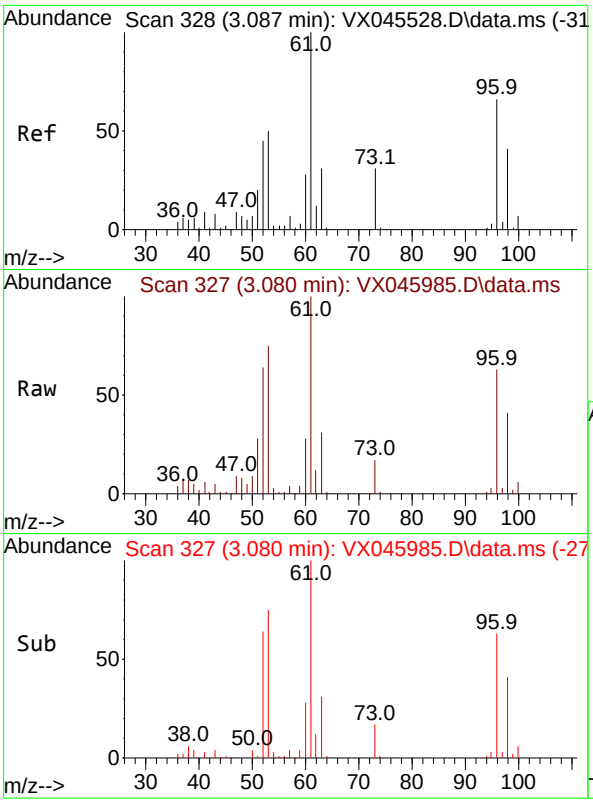


#20
Methylene Chloride
Concen: 53.357 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 84 Resp: 62273

Ion	Ratio	Lower	Upper
84	100		
49	139.4	107.5	161.3
51	42.5	33.0	49.6
86	63.8	50.1	75.1

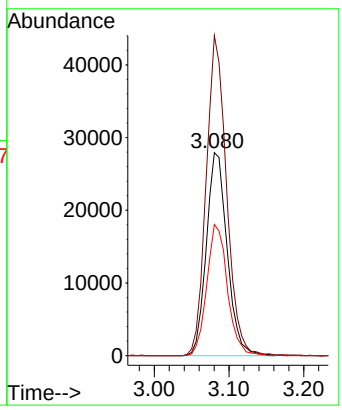




#21
trans-1,2-Dichloroethene
Concen: 53.118 ug/l
RT: 3.080 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 96 Resp: 5408

Ion	Ratio	Lower	Upper
96	100		
61	157.7	121.0	181.6
98	64.6	49.7	74.5



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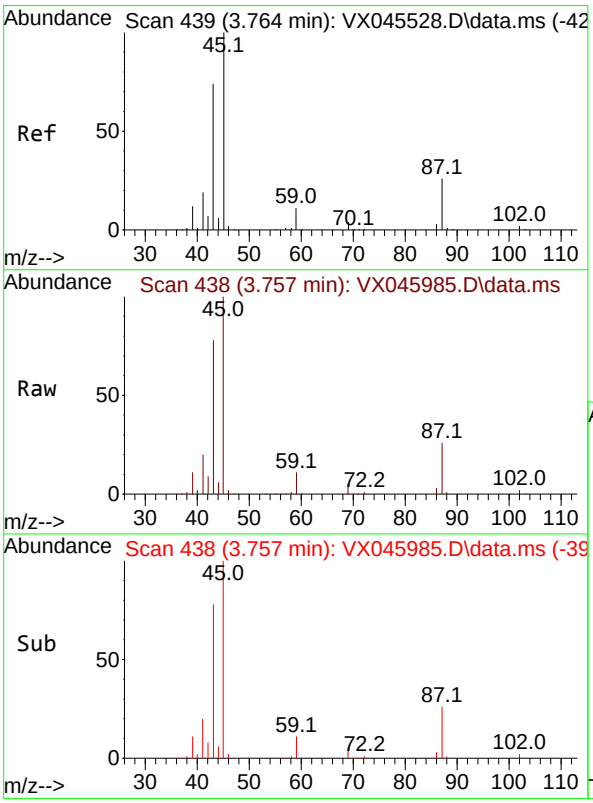
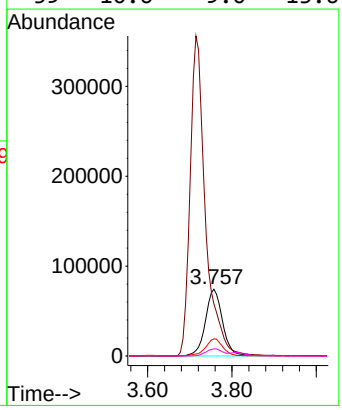
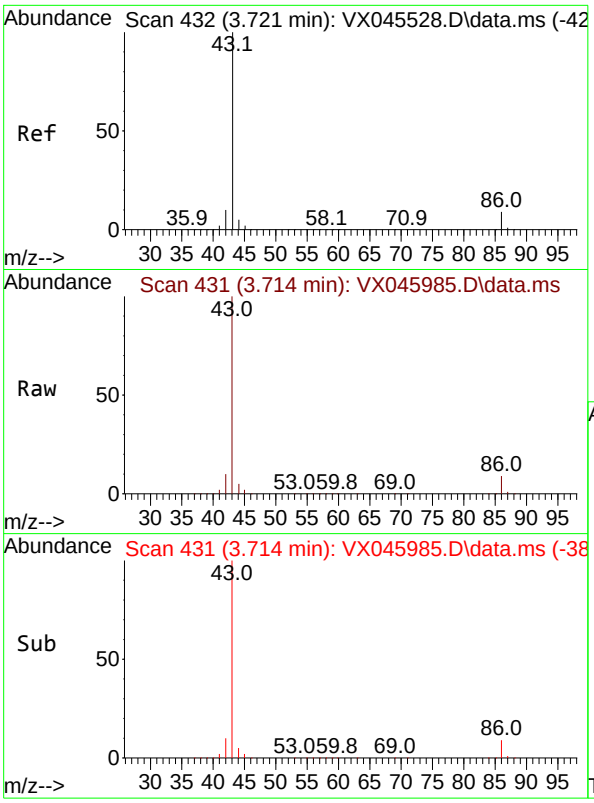


#22
Diisopropyl ether
Concen: 56.574 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 45 Resp: 210737

Ion	Ratio	Lower	Upper
45	100		
43	77.6	59.3	88.9
87	25.7	20.4	30.6
59	10.6	9.0	13.6





#23
Vinyl Acetate
Concen: 279.868 ug/l
RT: 3.714 min Scan# 4
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 90072

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3

Instrument :
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ClientSampleId :
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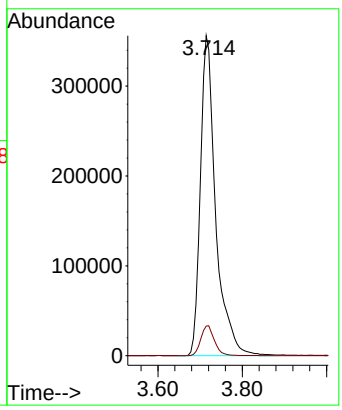
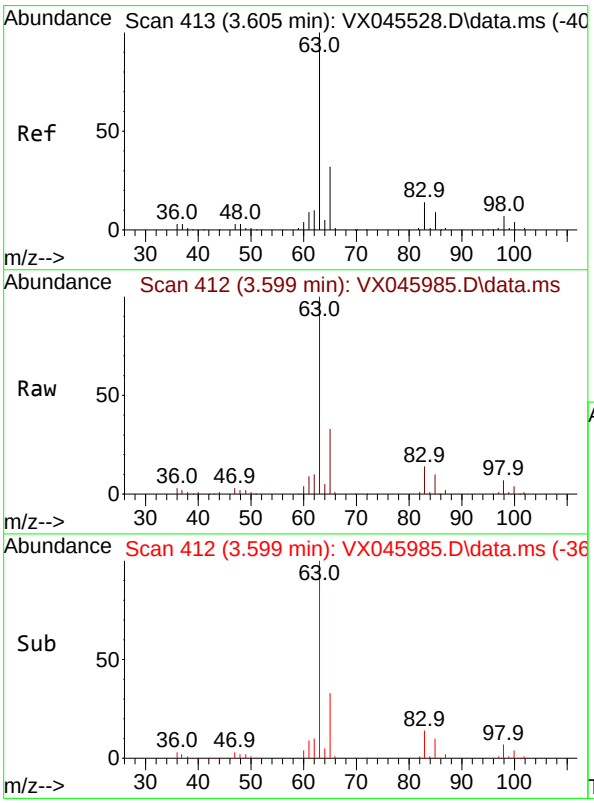
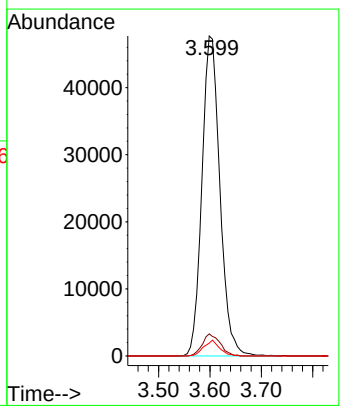


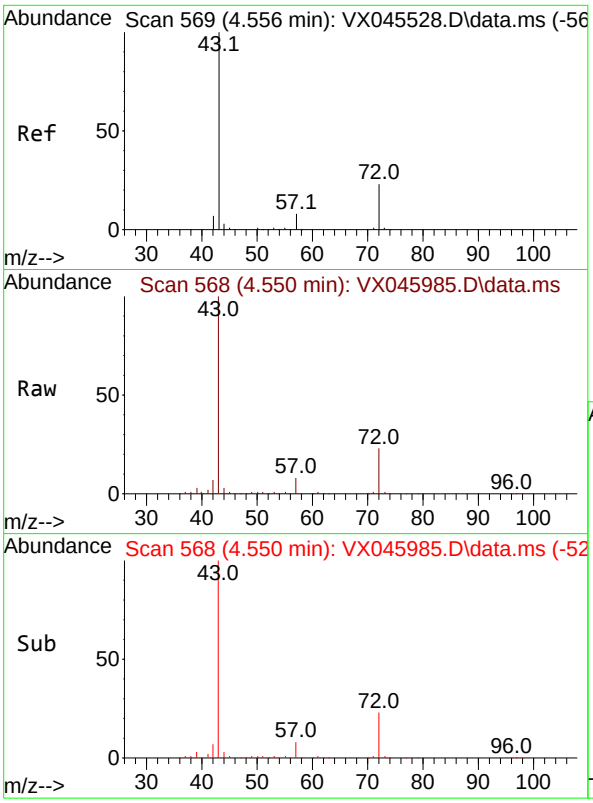


#24
1,1-Dichloroethane
Concen: 55.001 ug/l
RT: 3.599 min Scan# 412
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 63 Resp: 115868

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.4	10.1
100	4.0	2.2	6.6

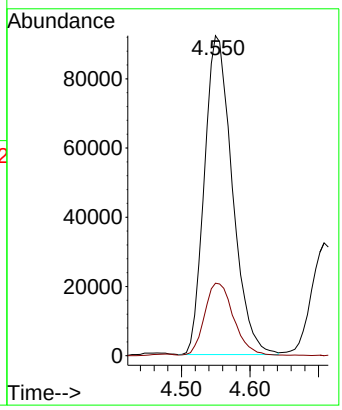




#25
2-Butanone
Concen: 285.635 ug/l
RT: 4.550 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 26065

Ion	Ratio	Lower	Upper
43	100		
72	22.5	18.6	28.0



Instrument :
MSVOA_X
ClientSampleId :
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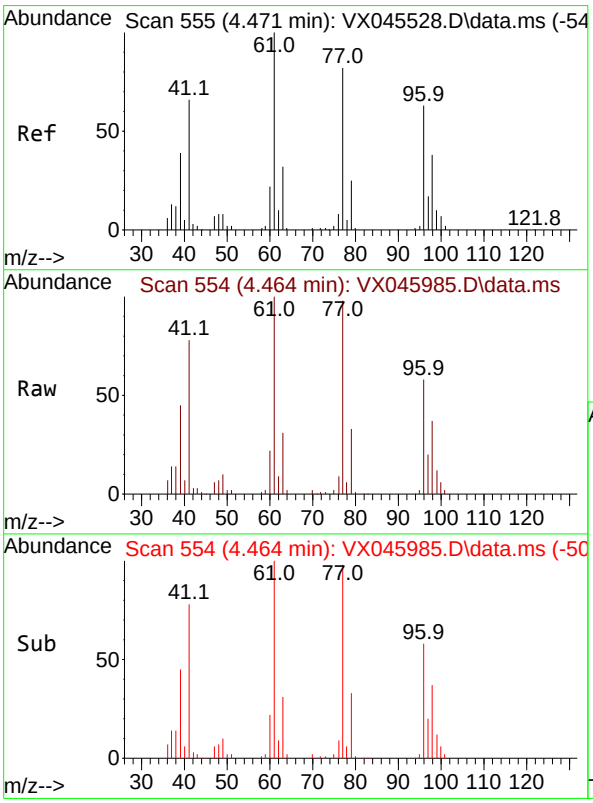
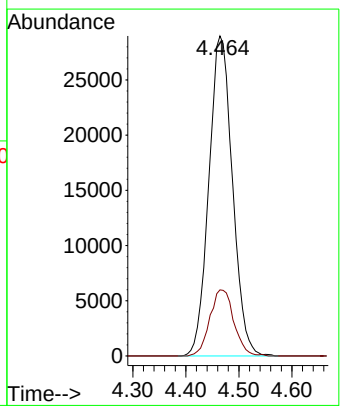
Supervised By :Semsettin Yesilyurt 05/05/2025

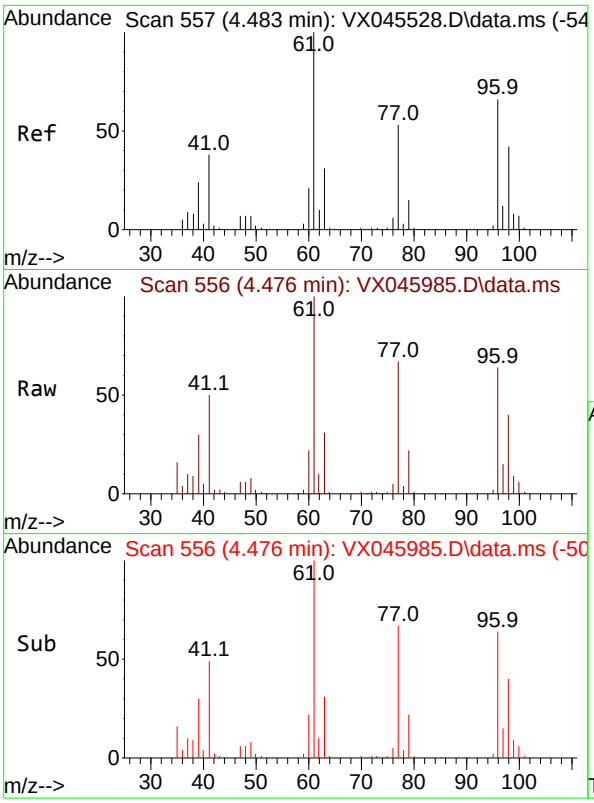


#26
2,2-Dichloropropane
Concen: 65.801 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 77 Resp: 89561

Ion	Ratio	Lower	Upper
77	100		
97	21.0	10.6	31.8





#27
cis-1,2-Dichloroethene
Concen: 53.994 ug/l
RT: 4.476 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 96 Resp: 6698

Ion	Ratio	Lower	Upper
96	100		
61	162.7	0.0	313.2
98	65.1	0.0	126.4

Instrument :
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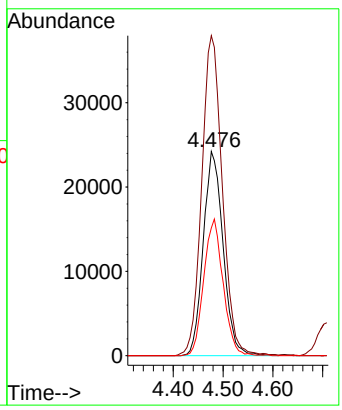
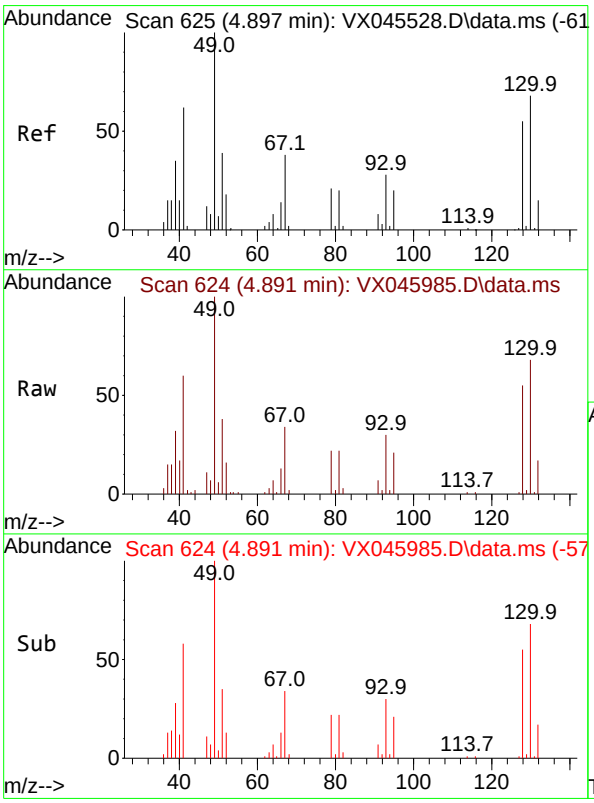
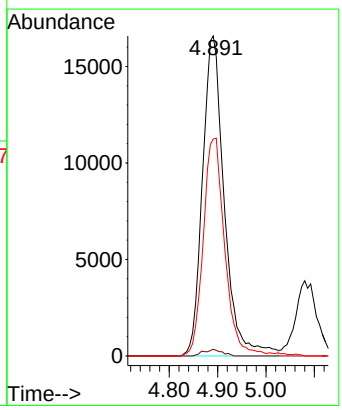


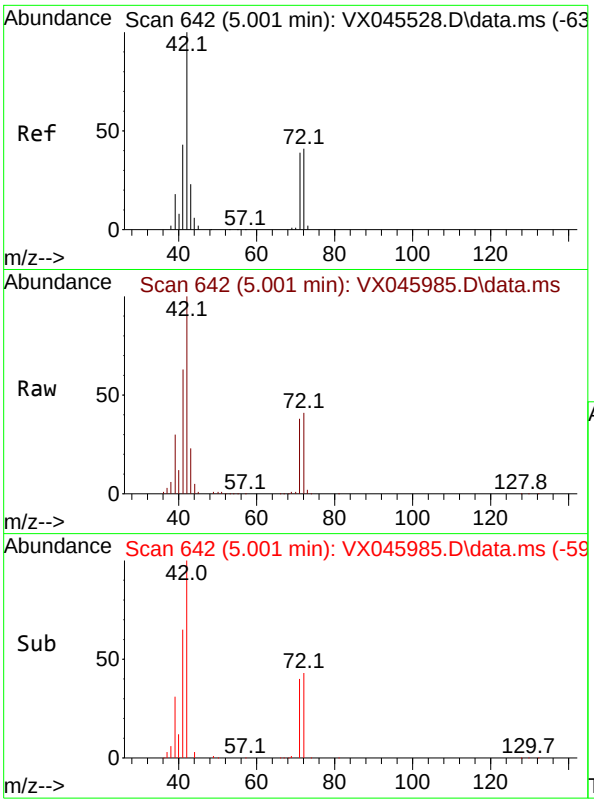


#28
Bromochloromethane
Concen: 50.967 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 49 Resp: 51886

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	67.1	54.6	81.8





#29
Tetrahydrofuran
Concen: 277.150 ug/l
RT: 5.001 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 42 Resp: 16397

Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.4	50.0
71	38.2	31.4	47.0

Instrument :
MSVOA_X
ClientSampleId :
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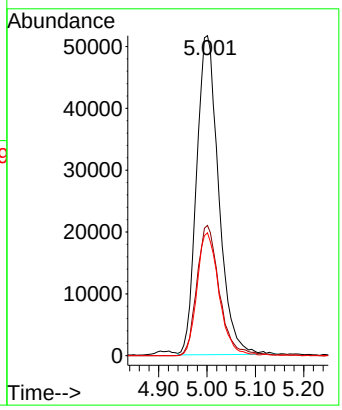
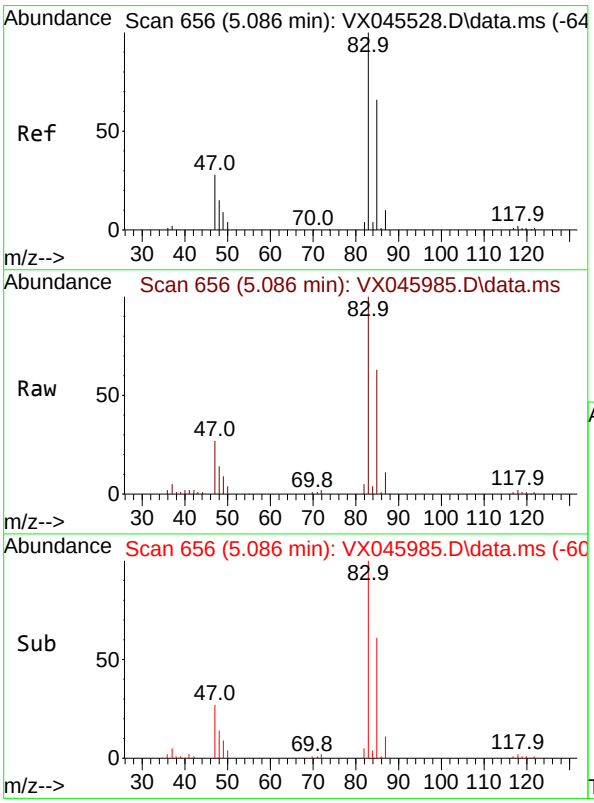
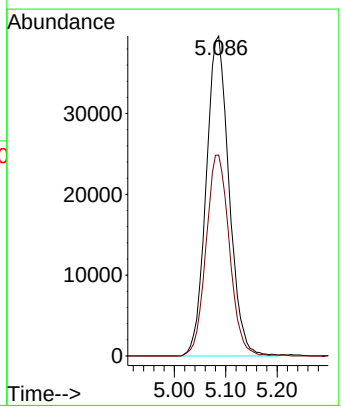


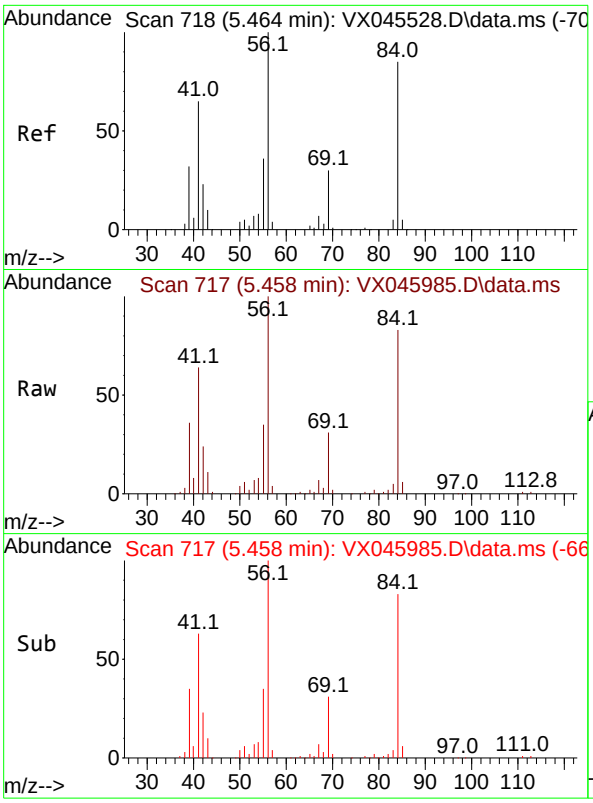


#30
Chloroform
Concen: 56.460 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 83 Resp: 122387

Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.8	79.2

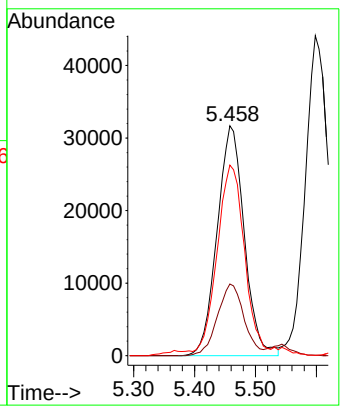




#31
Cyclohexane
Concen: 52.607 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 56 Resp: 9797

Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.6	35.4
84	81.0	67.7	101.5



Instrument :
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ClientSampleId :
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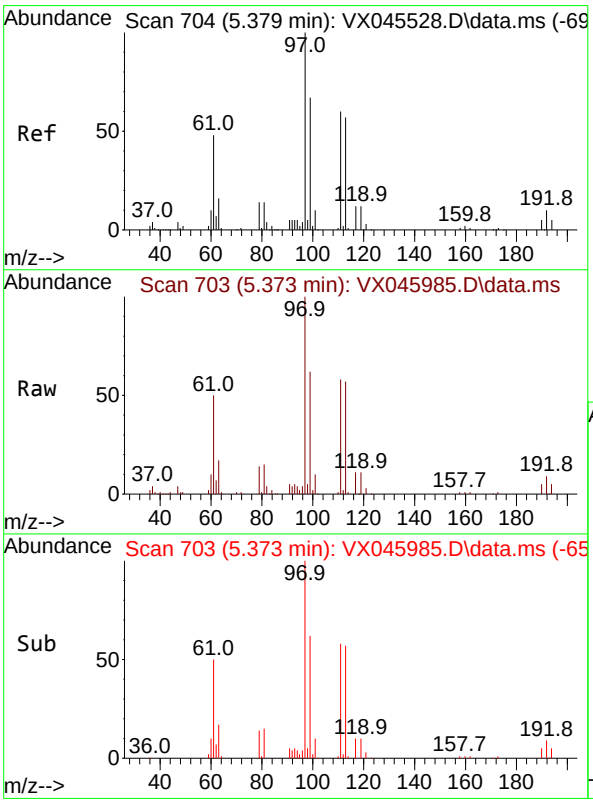
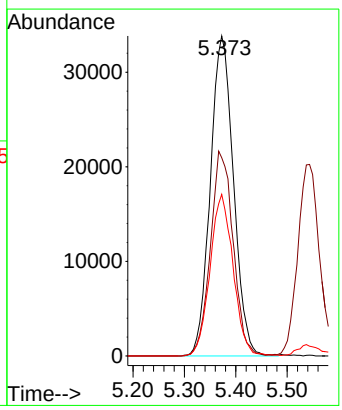
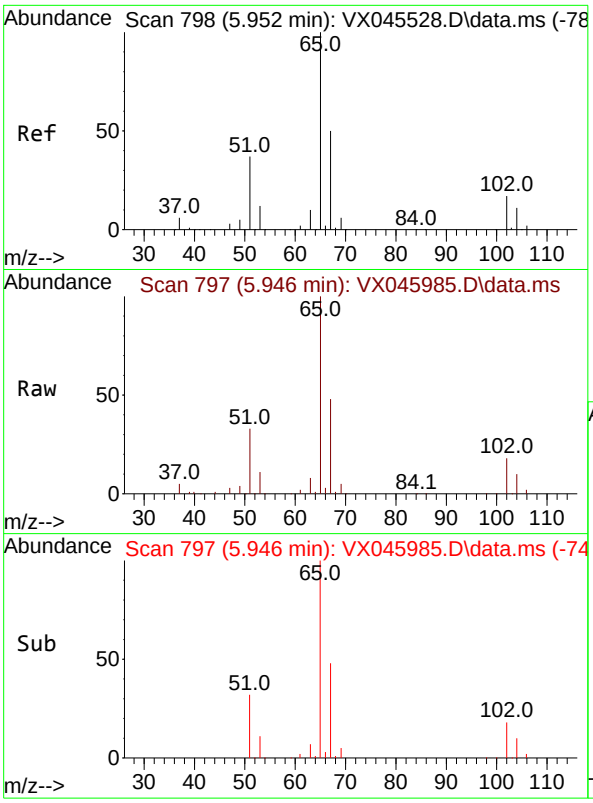


#32
1,1,1-Trichloroethane
Concen: 57.773 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 97 Resp: 105967

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.7	77.5
61	50.4	41.0	61.4

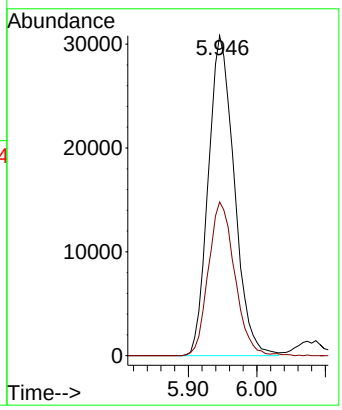




#33
1,2-Dichloroethane-d4
Concen: 53.349 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 65 Resp: 8099

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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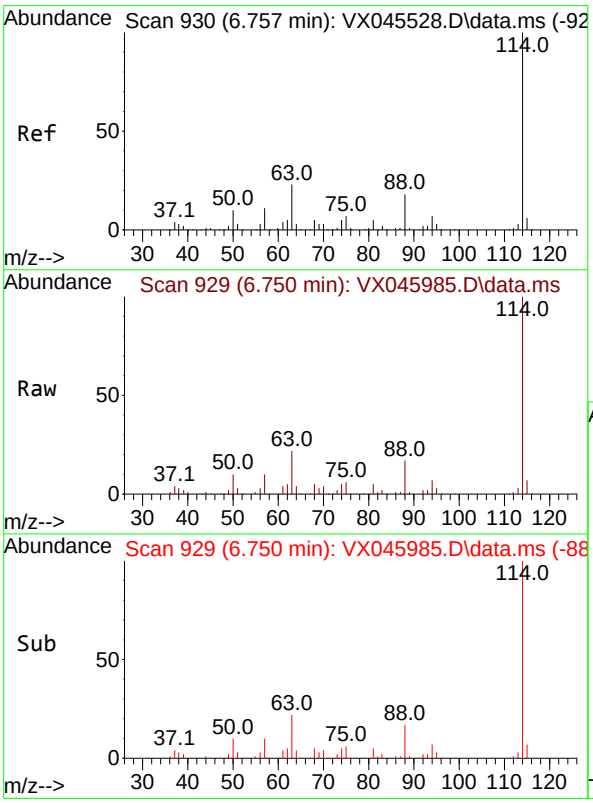
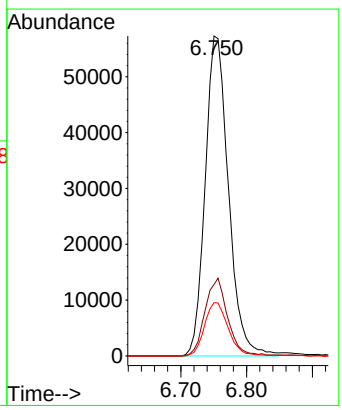
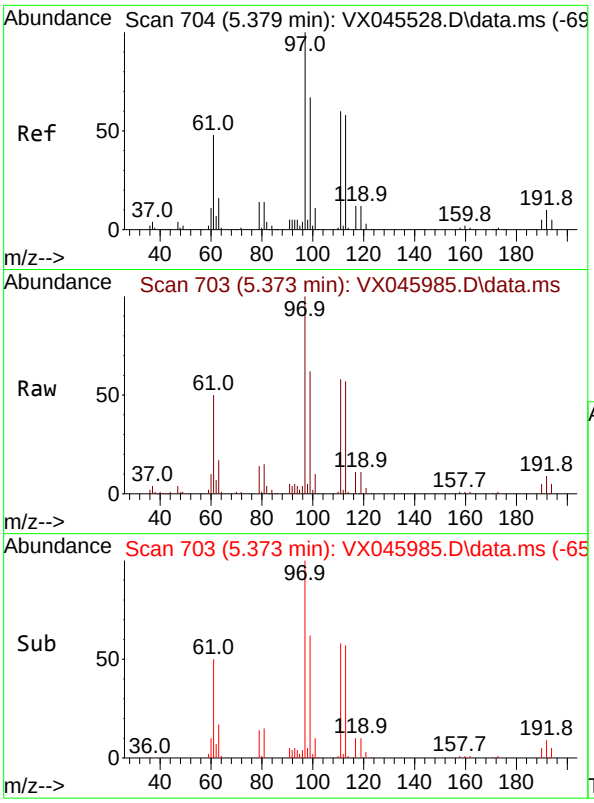


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:114 Resp: 141256

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	46.8
88	16.6	0.0	35.4

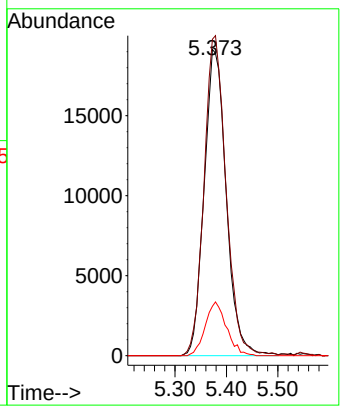




#35
Dibromofluoromethane
Concen: 57.096 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:113 Resp: 5722

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	16.9	13.8	20.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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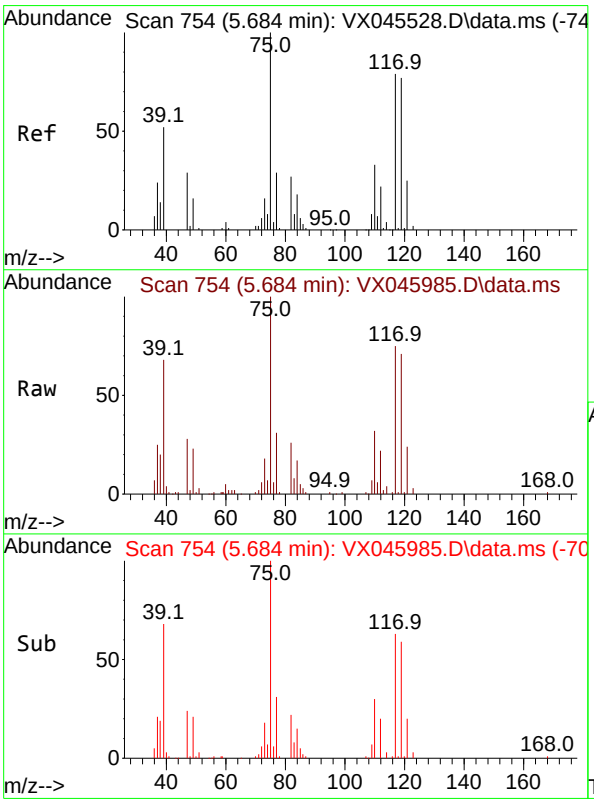
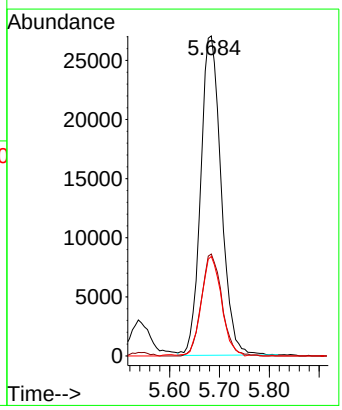
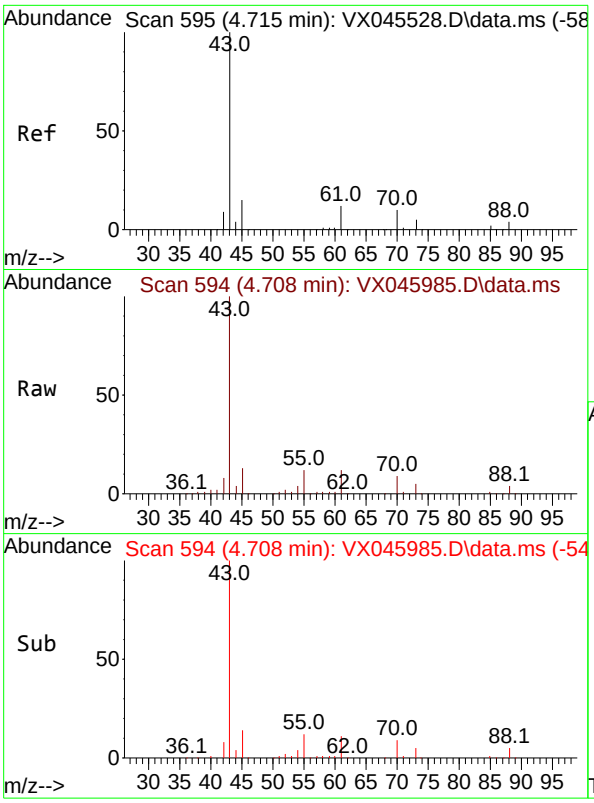


#36
1,1-Dichloropropene
Concen: 57.008 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 77142

Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.9	50.6
77	30.1	25.0	37.4

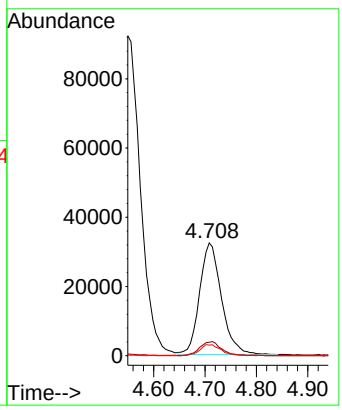




#37
Ethyl Acetate
Concen: 55.982 ug/l
RT: 4.708 min Scan# 5
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 9546

Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	9.6	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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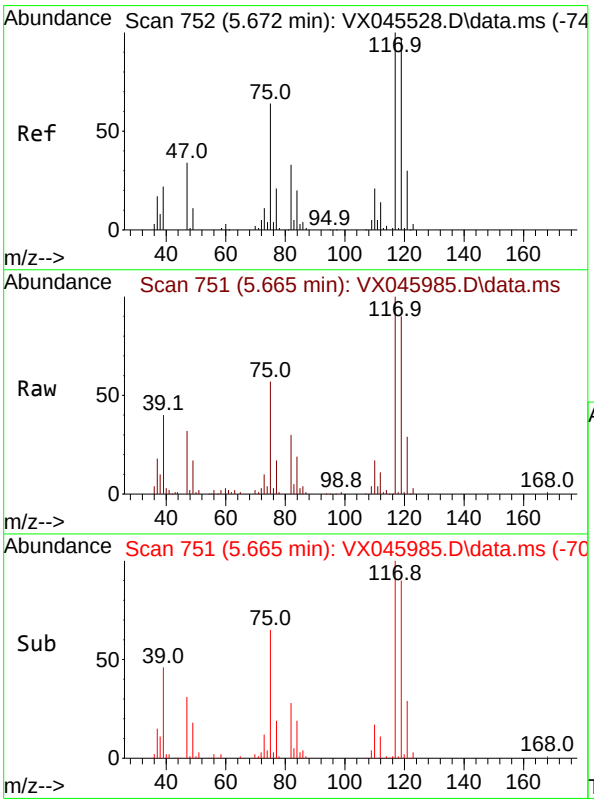
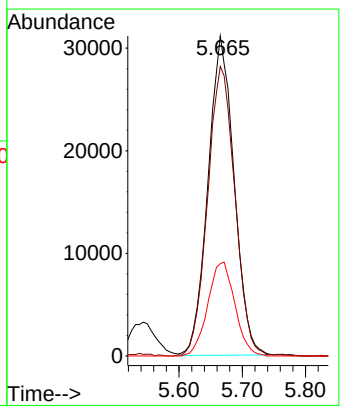
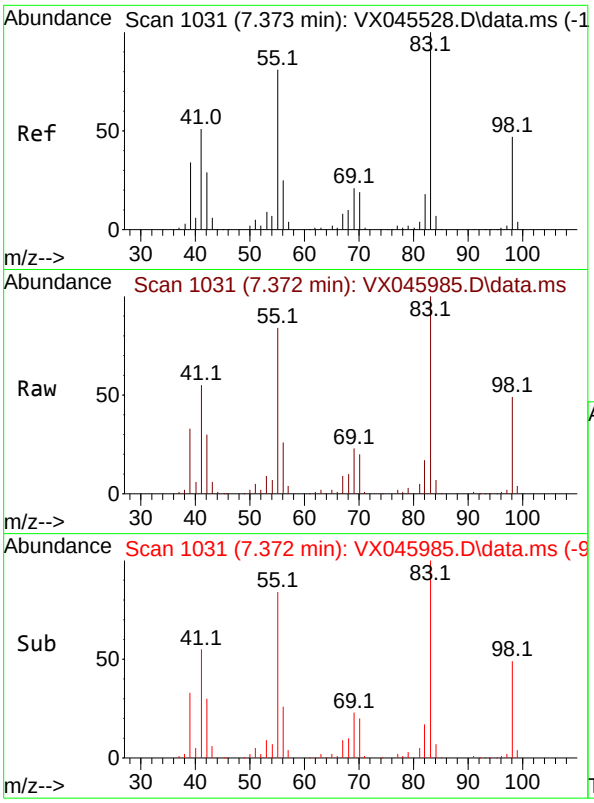


#38
Carbon Tetrachloride
Concen: 61.020 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:117 Resp: 89240

Ion	Ratio	Lower	Upper
117	100		
119	90.4	76.9	115.3
121	29.0	24.2	36.2

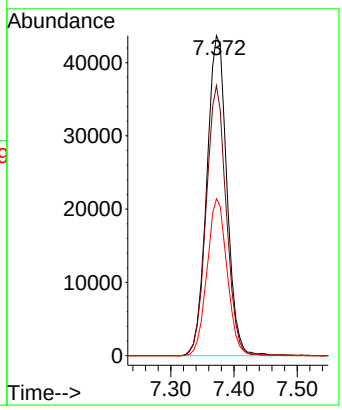




#39
Methylcyclohexane
Concen: 58.168 ug/l
RT: 7.372 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 83 Resp: 9648

Ion	Ratio	Lower	Upper
83	100		
55	84.4	64.9	97.3
98	49.0	37.4	56.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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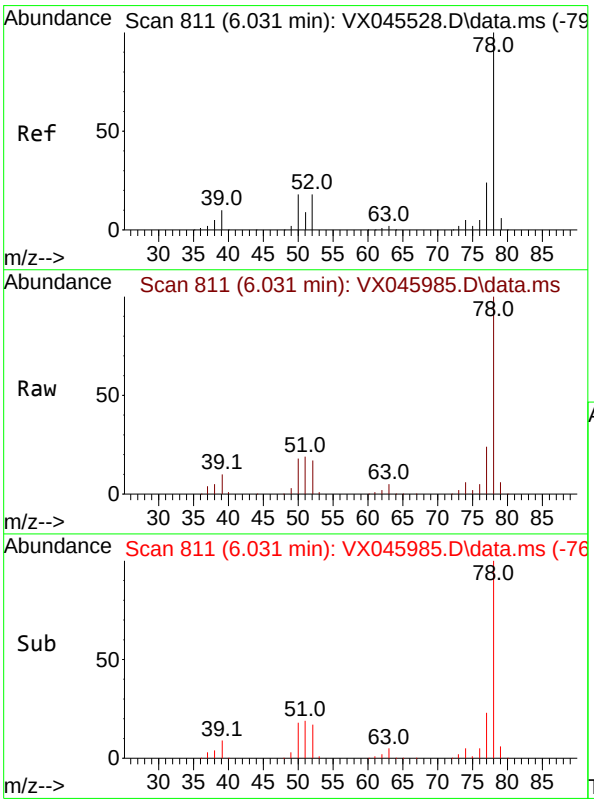
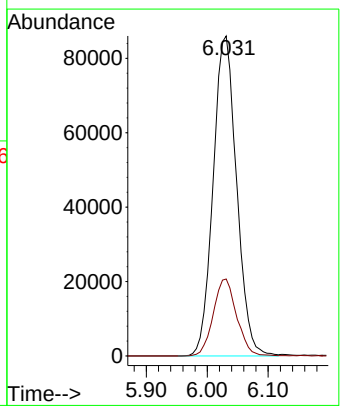
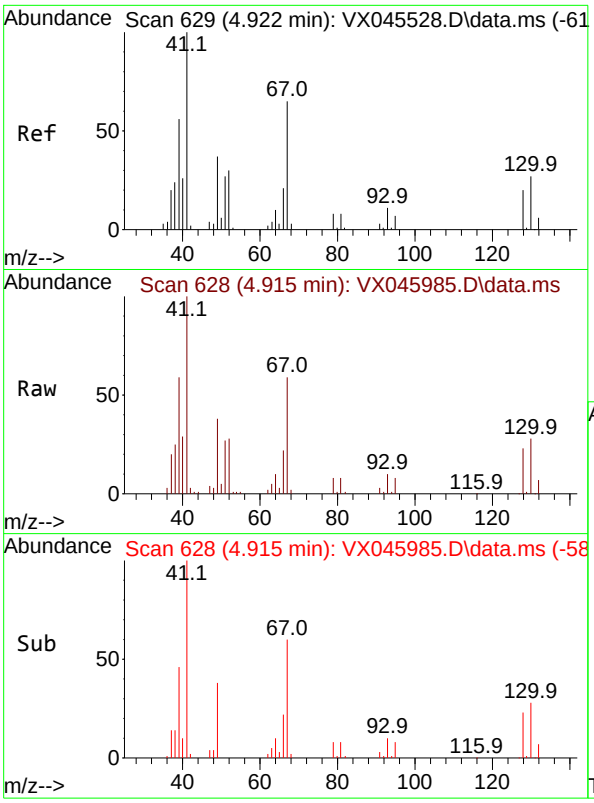


#40
Benzene
Concen: 55.676 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 78 Resp: 230095

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6

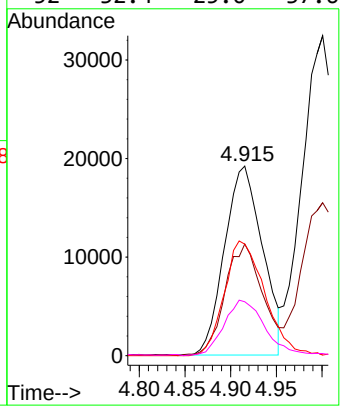




#41
Methacrylonitrile
Concen: 61.444 ug/l
RT: 4.915 min Scan# 6
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 41 Resp: 5528

Ion	Ratio	Lower	Upper
41	100		
39	60.3	47.0	70.6
67	65.3	53.2	79.8
52	32.4	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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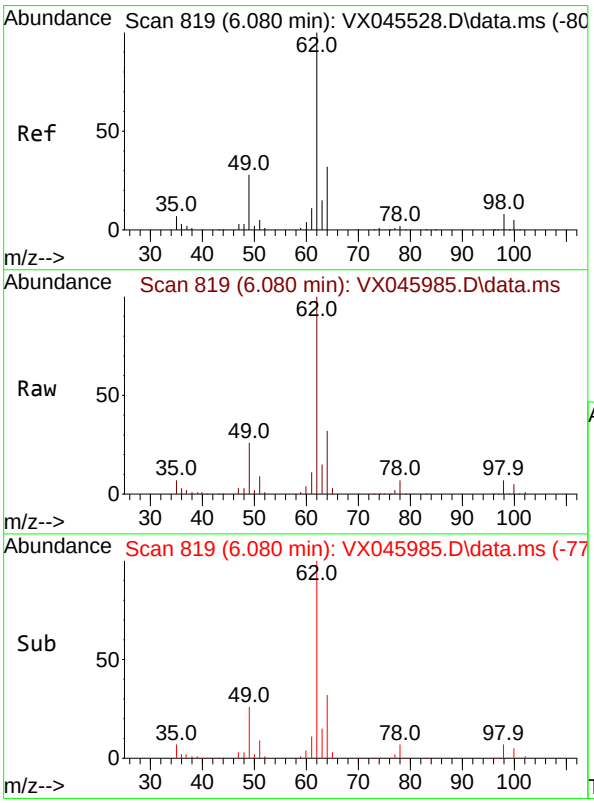
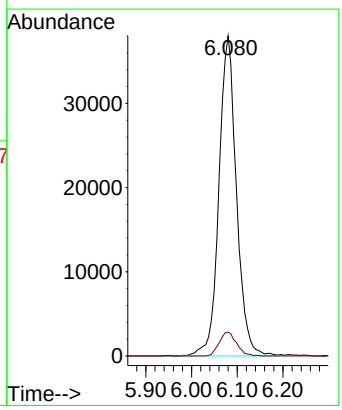
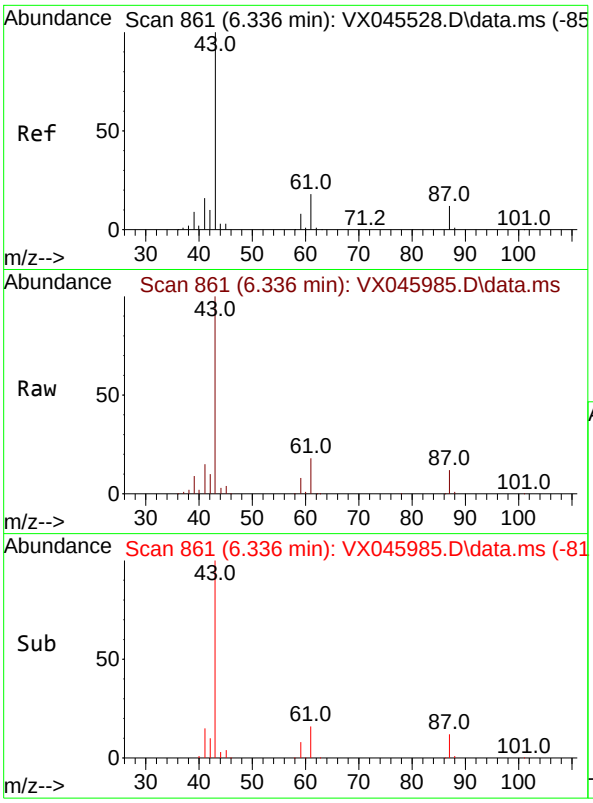


#42
1,2-Dichloroethane
Concen: 59.265 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 62 Resp: 101162

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.2





#43
Isopropyl Acetate
Concen: 59.187 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 15297

Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.1	21.1
87	12.0	9.2	13.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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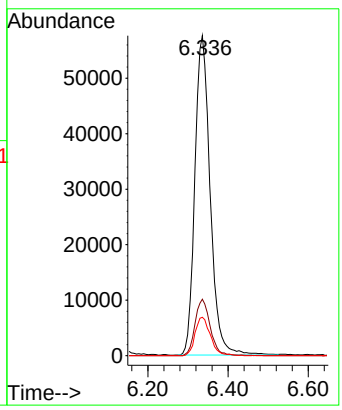
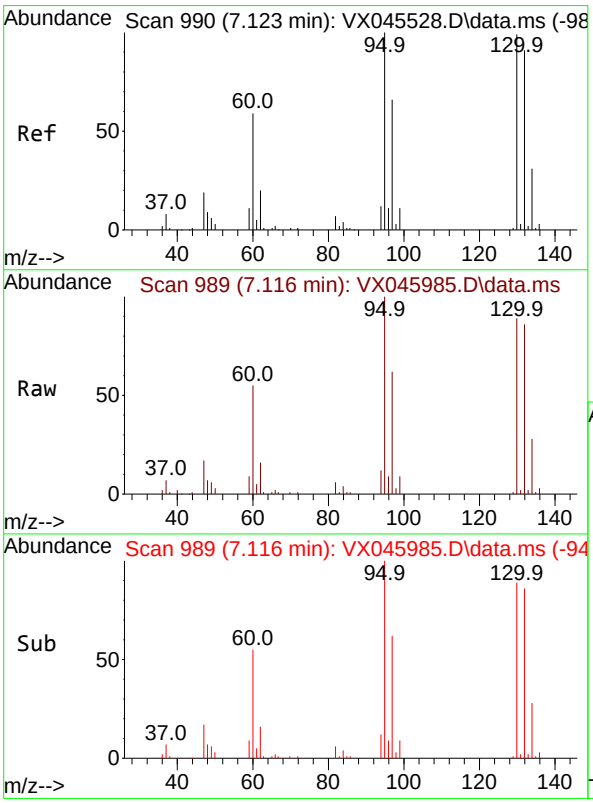
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

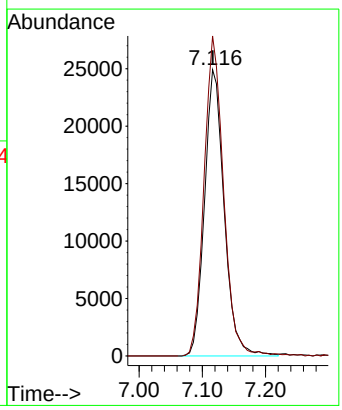


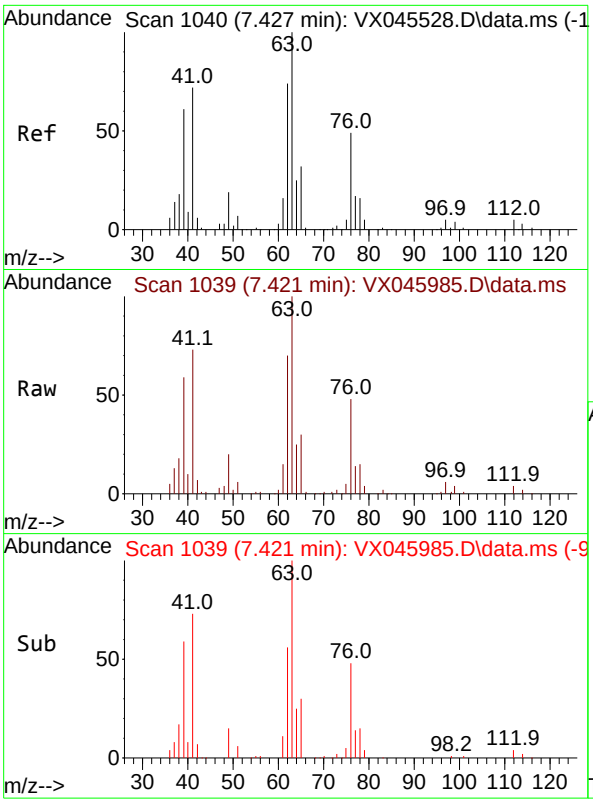


#44
Trichloroethene
Concen: 54.850 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:130 Resp: 53879

Ion	Ratio	Lower	Upper
130	100		
95	111.8	0.0	202.0

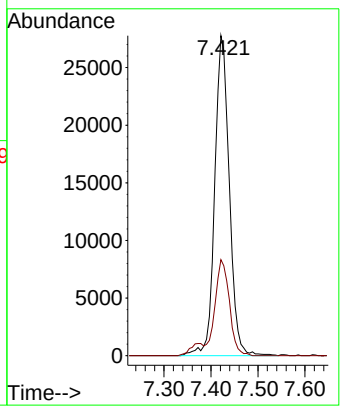




#45
1,2-Dichloropropane
Concen: 58.102 ug/l
RT: 7.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 63 Resp: 5991

Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 05/02/2025
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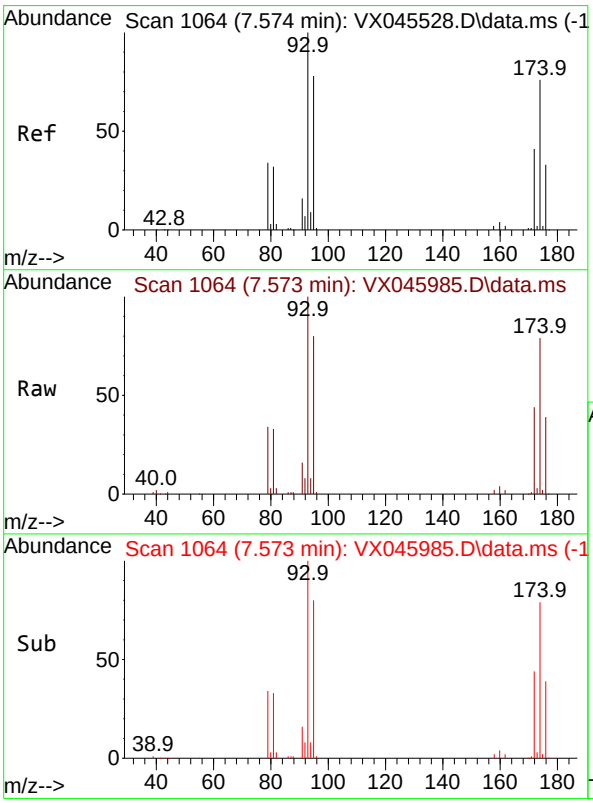
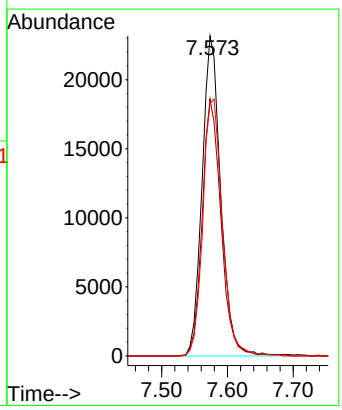
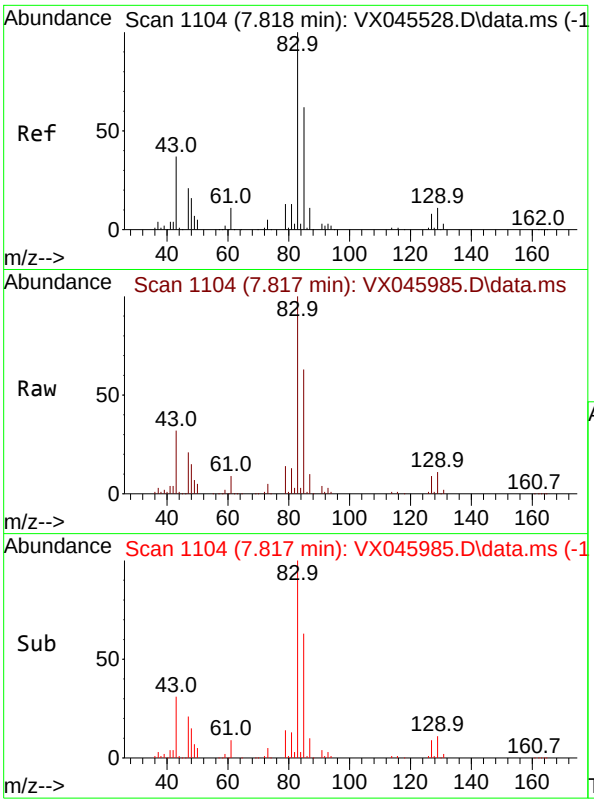


#46
Dibromomethane
Concen: 57.812 ug/l
RT: 7.573 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 93 Resp: 45762

Ion	Ratio	Lower	Upper
93	100		
95	80.7	64.8	97.2
174	83.8	65.4	98.0

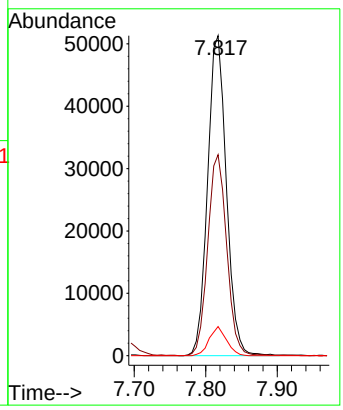




#47
Bromodichloromethane
Concen: 59.224 ug/l
RT: 7.817 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 83 Resp: 9362

Ion	Ratio	Lower	Upper
83	100		
85	62.8	49.7	74.5
127	9.1	6.1	9.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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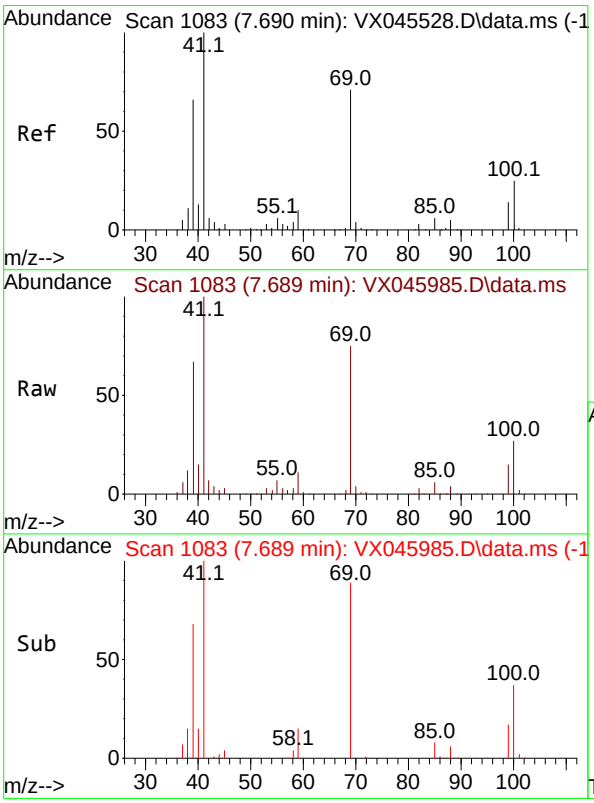
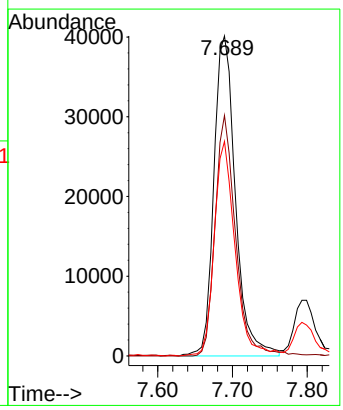
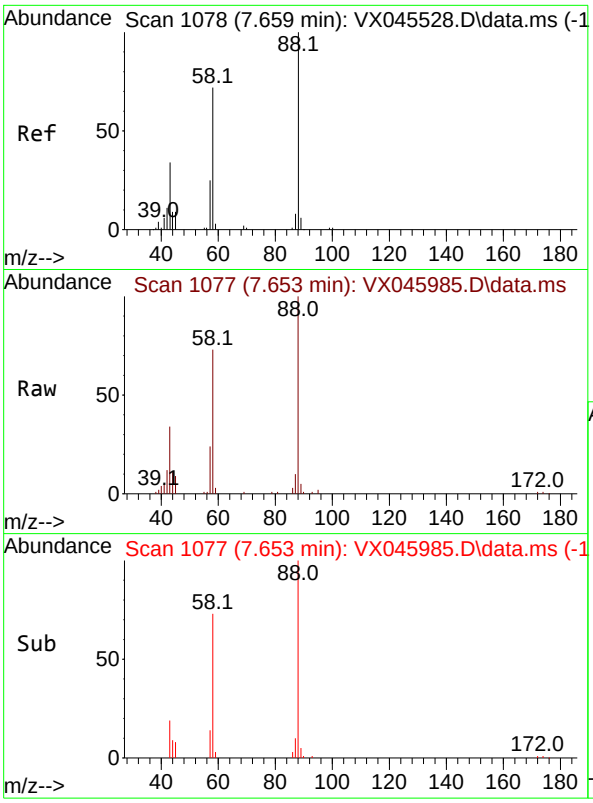


#48
Methyl methacrylate
Concen: 60.322 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 41 Resp: 80498

Ion	Ratio	Lower	Upper
41	100		
69	71.7	58.2	87.2
39	65.0	53.6	80.4





#49
1,4-Dioxane
Concen: 1169.224 ug/l
RT: 7.653 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 88 Resp: 2823

Ion	Ratio	Lower	Upper
88	100		
43	43.0	32.2	48.4
58	76.3	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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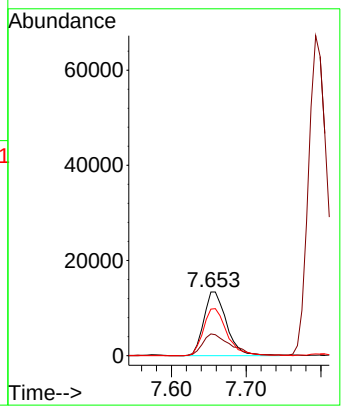
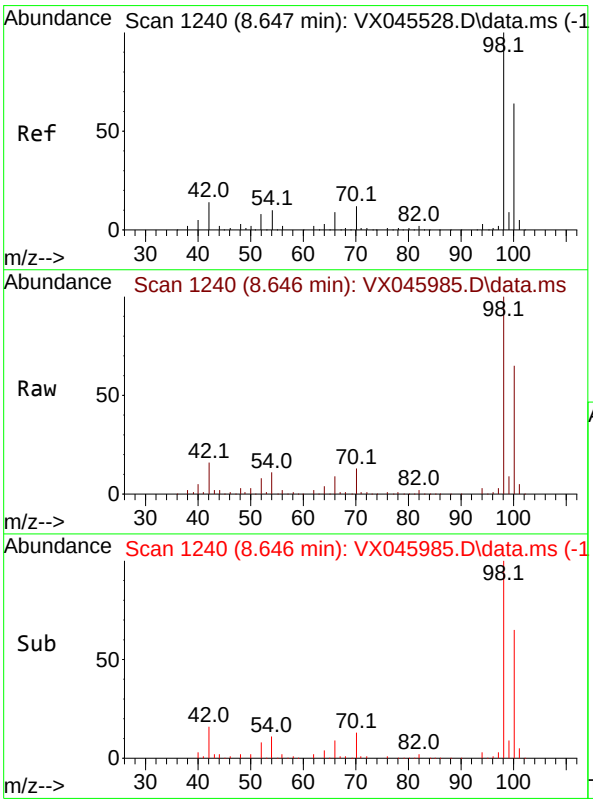
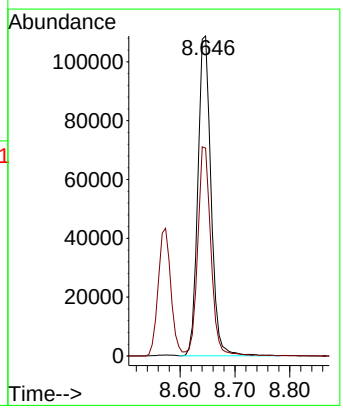


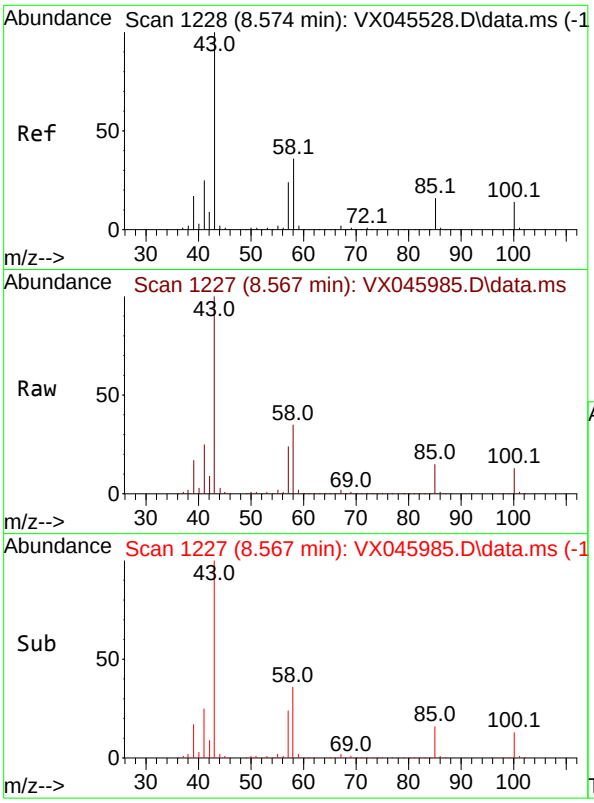


#50
Toluene-d8
Concen: 51.954 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 98 Resp: 181740

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.4

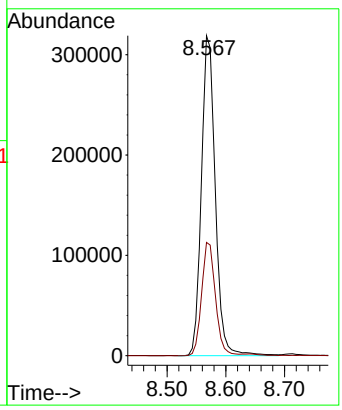




#51
4-Methyl-2-Pentanone
Concen: 305.494 ug/l
RT: 8.567 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 52342

Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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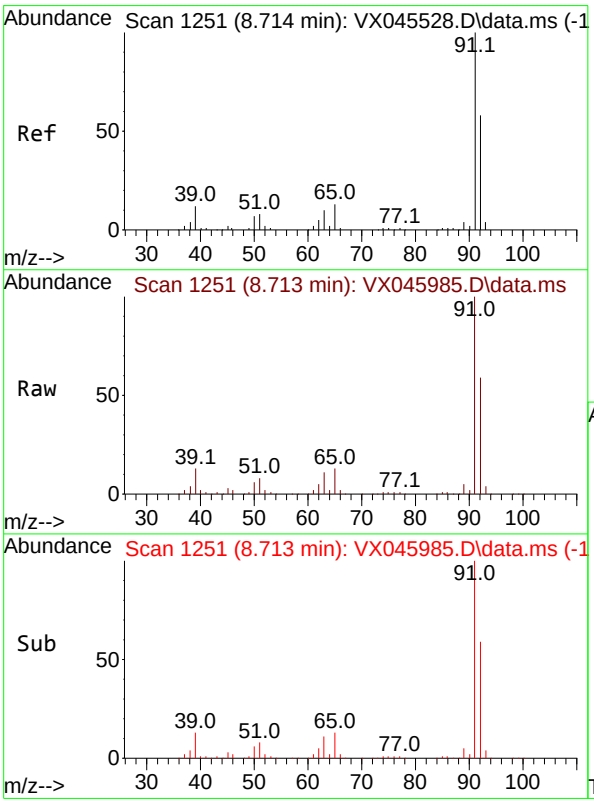
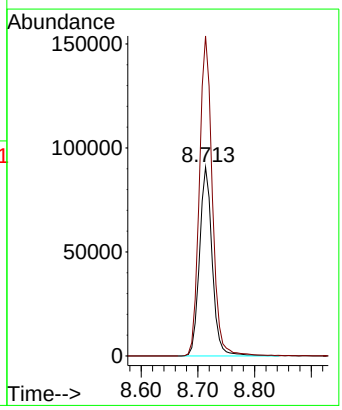
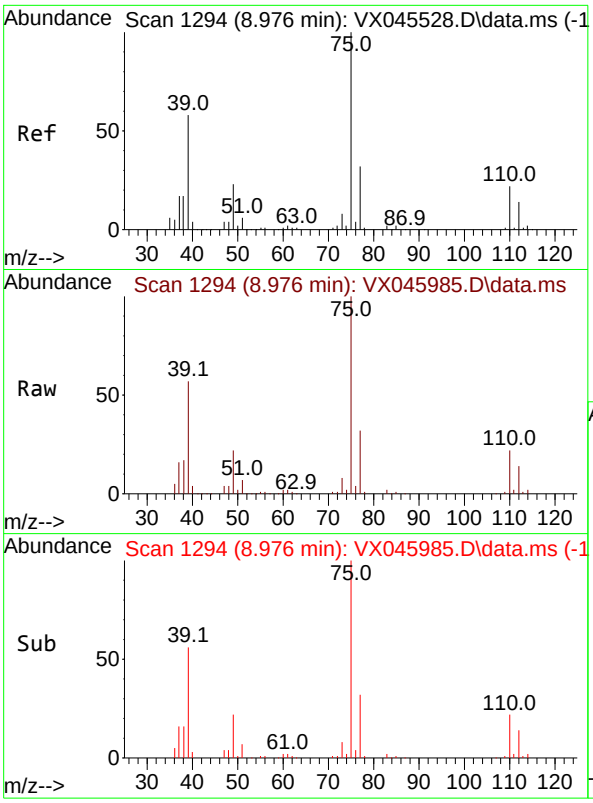


#52
Toluene
Concen: 56.589 ug/l
RT: 8.713 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 92 Resp: 141515

Ion	Ratio	Lower	Upper
92	100		
91	172.6	138.7	208.1

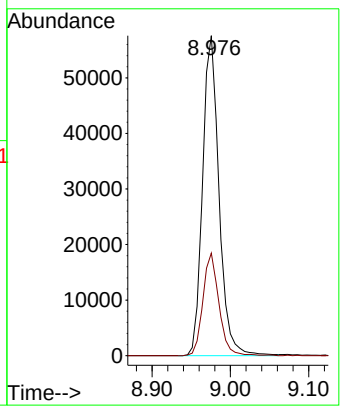




#53
t-1,3-Dichloropropene
Concen: 54.959 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 8390

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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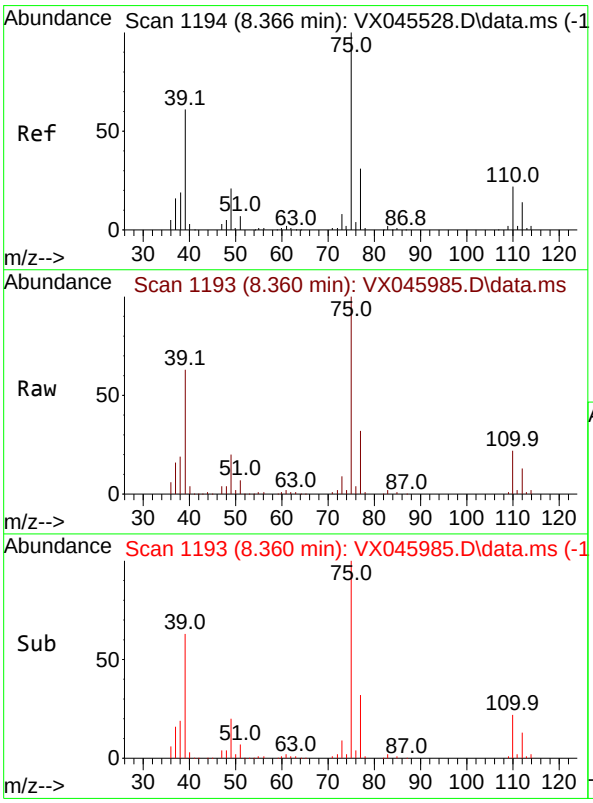
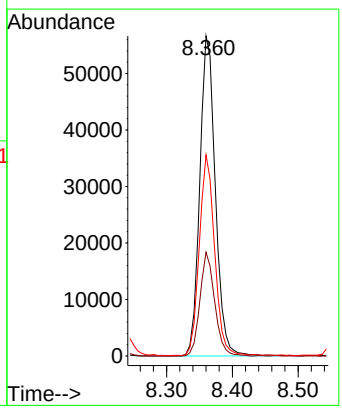
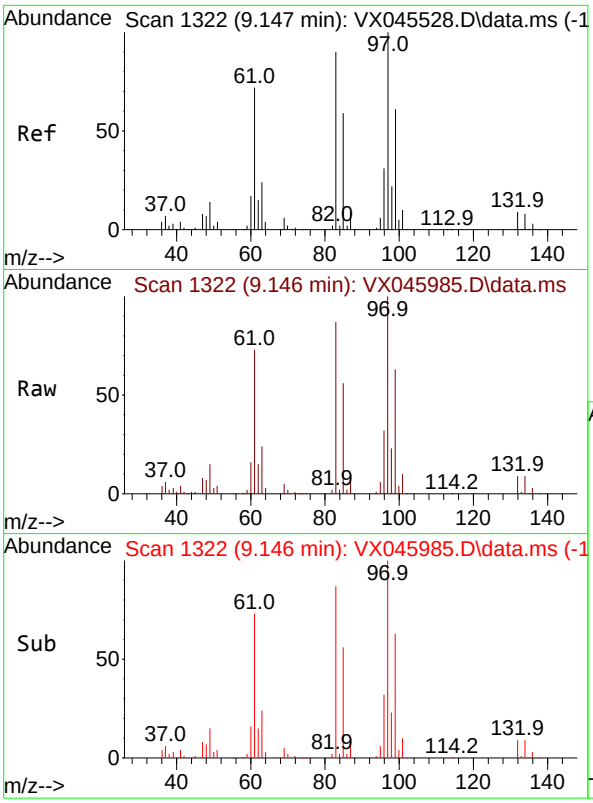


#54
cis-1,3-Dichloropropene
Concen: 62.882 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 93412

Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.6	36.8
39	62.6	48.4	72.6

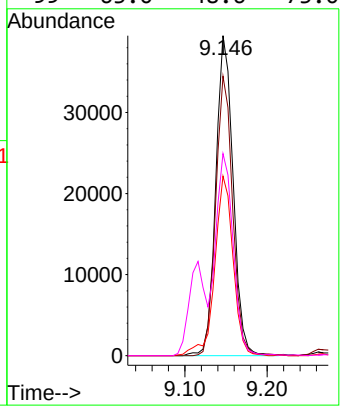




#55
1,1,2-Trichloroethane
Concen: 57.923 ug/l
RT: 9.146 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 97 Resp: 5772

Ion	Ratio	Lower	Upper
97	100		
83	87.4	71.8	107.8
85	55.9	47.0	70.6
99	63.0	48.6	73.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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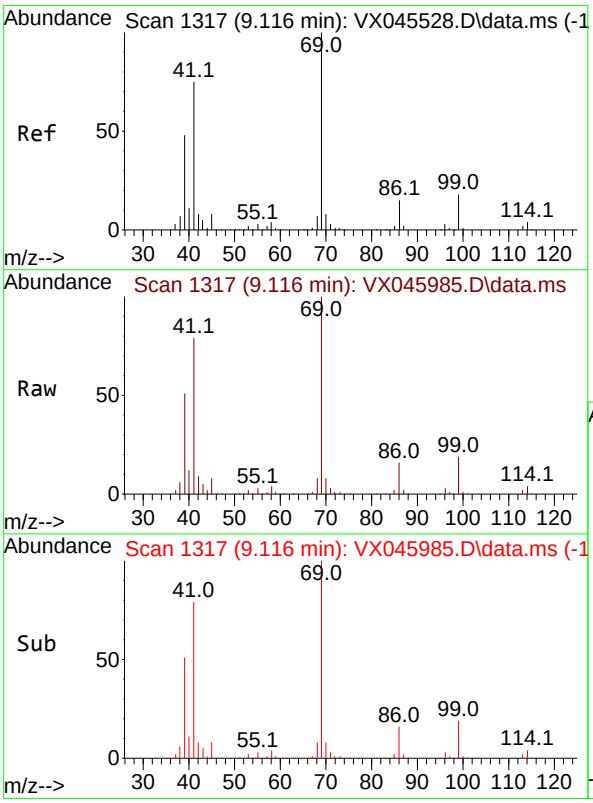
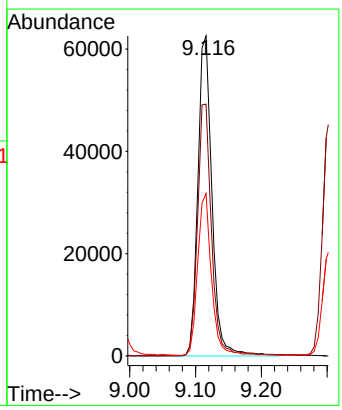
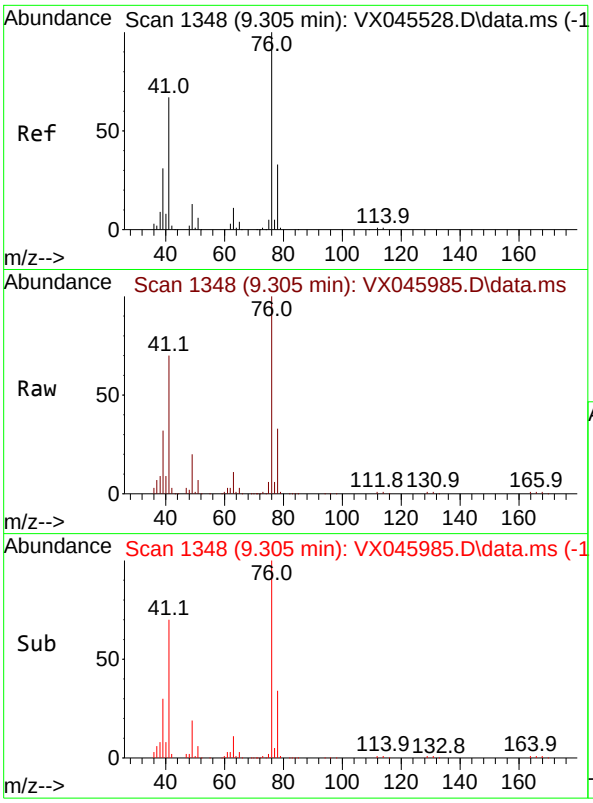


#56
Ethyl methacrylate
Concen: 60.478 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 69 Resp: 93271

Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.3	91.9
39	49.8	40.2	60.2





#57
1,3-Dichloropropane
Concen: 58.340 ug/l
RT: 9.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 76 Resp: 10123

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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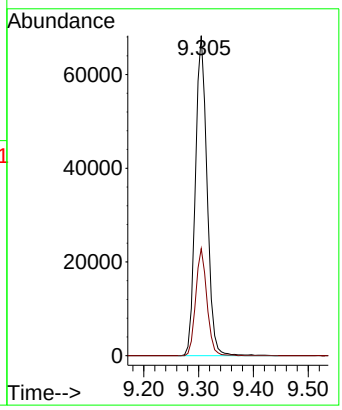
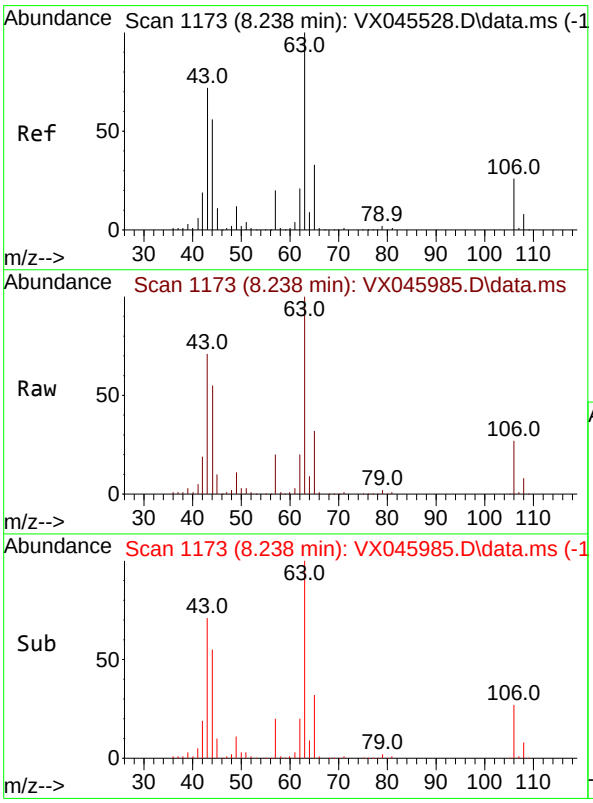
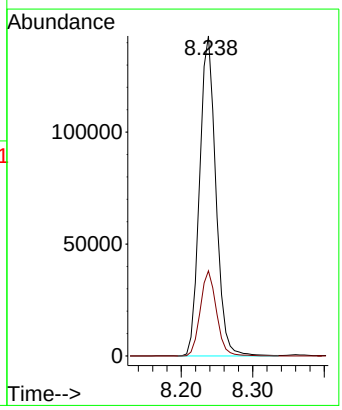


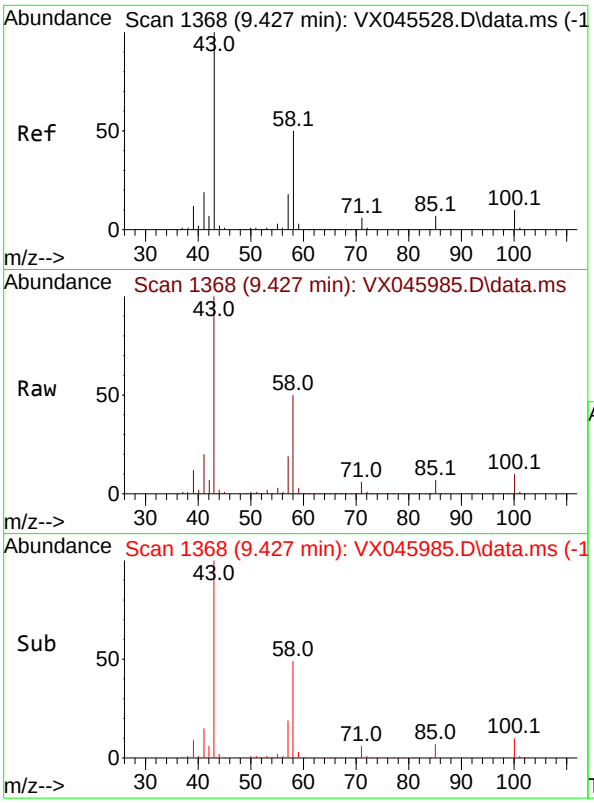


#58
2-Chloroethyl Vinyl ether
Concen: 289.158 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 63 Resp: 225591

Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.0	31.6





#59
2-Hexanone
Concen: 303.451 ug/l
RT: 9.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 38501

Ion	Ratio	Lower	Upper
43	100		
58	49.6	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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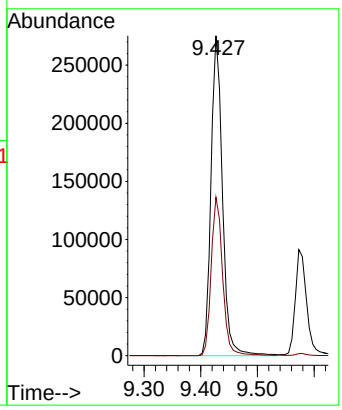
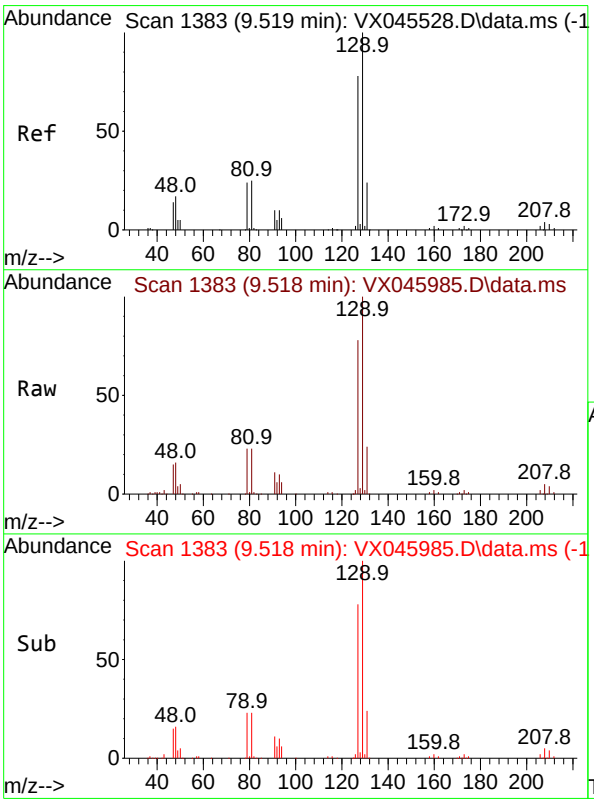
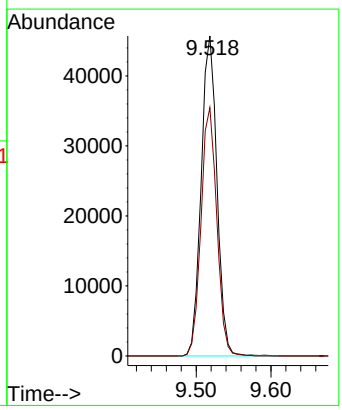


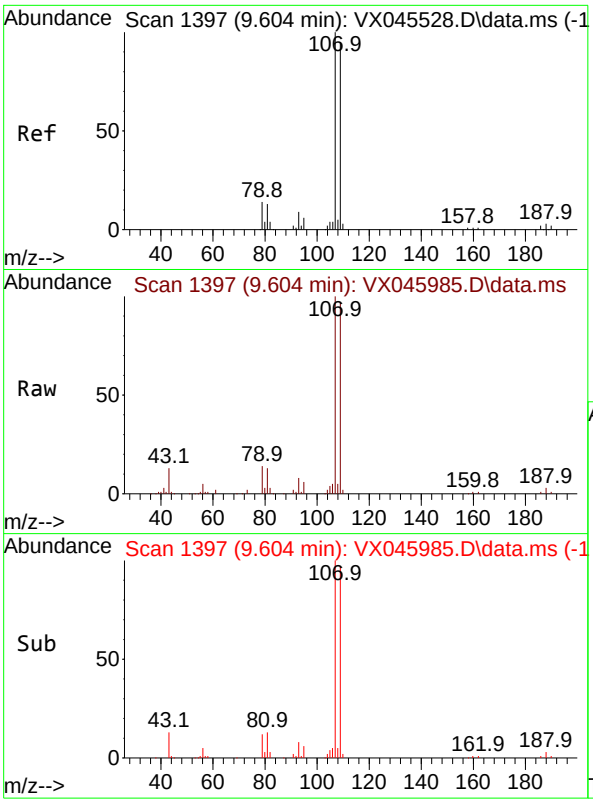


#60
Dibromochloromethane
Concen: 61.693 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:129 Resp: 67023

Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.4	118.2

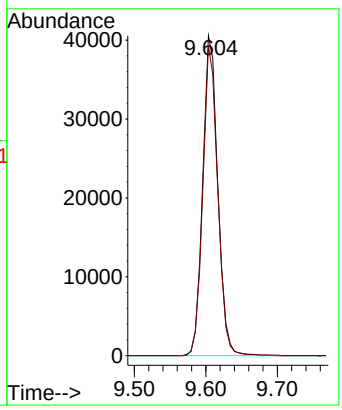




#61
1,2-Dibromoethane
Concen: 58.989 ug/l
RT: 9.604 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:107 Resp: 5950

Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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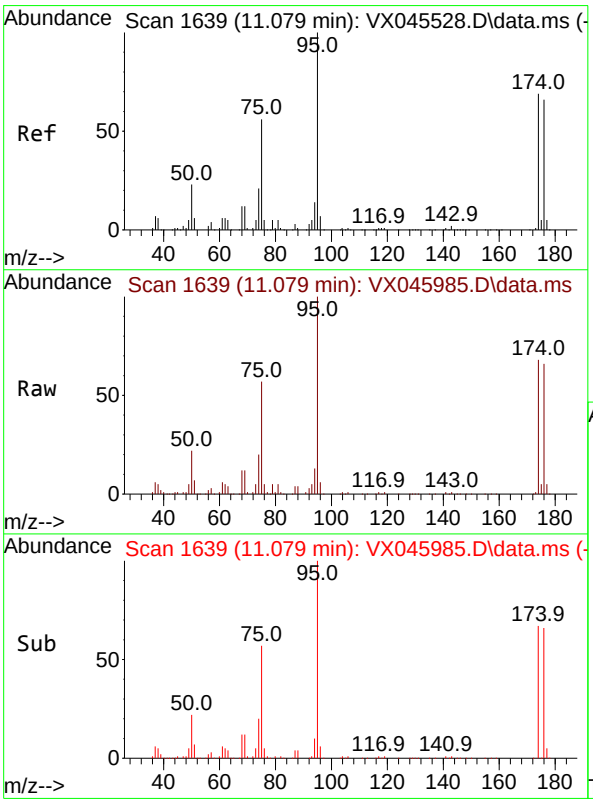
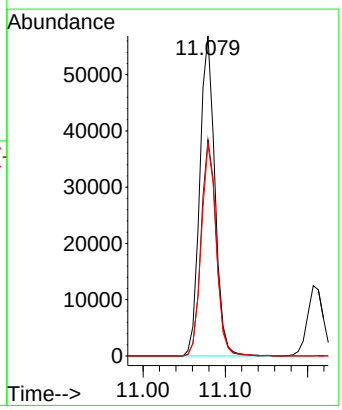
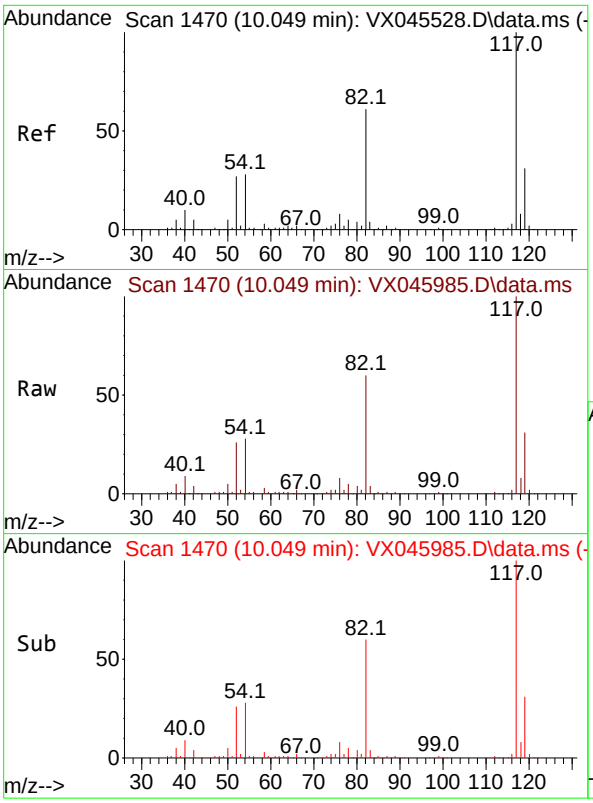


#62
4-Bromofluorobenzene
Concen: 56.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 95 Resp: 72535

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	135.8
176	65.4	0.0	131.4

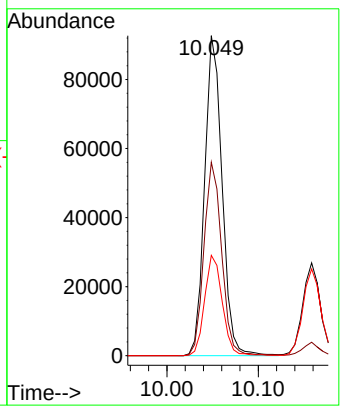




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:117 Resp: 12275

Ion	Ratio	Lower	Upper
117	100		
82	60.4	49.2	73.8
119	31.3	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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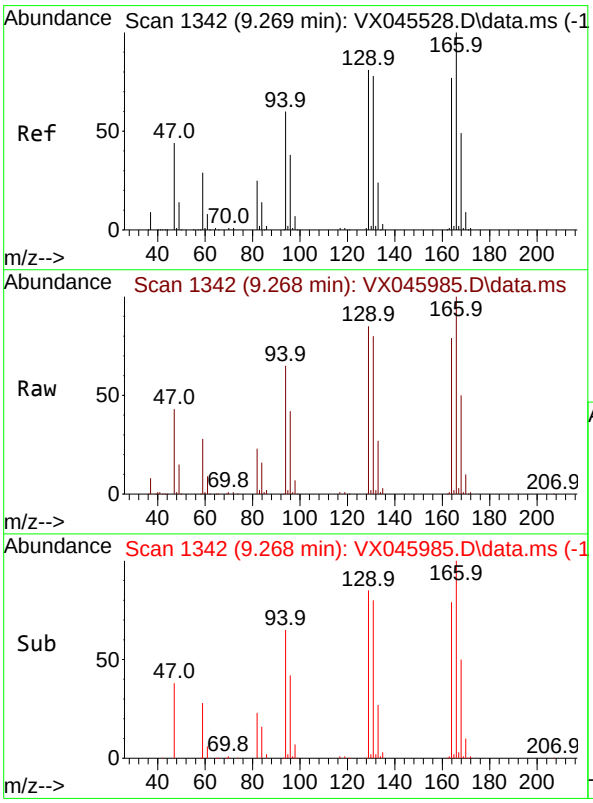
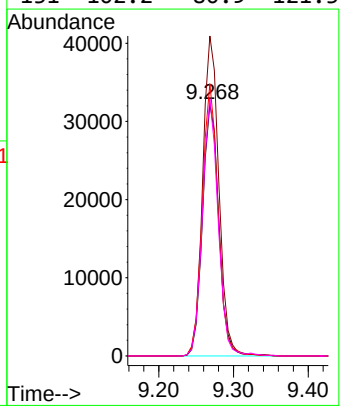
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

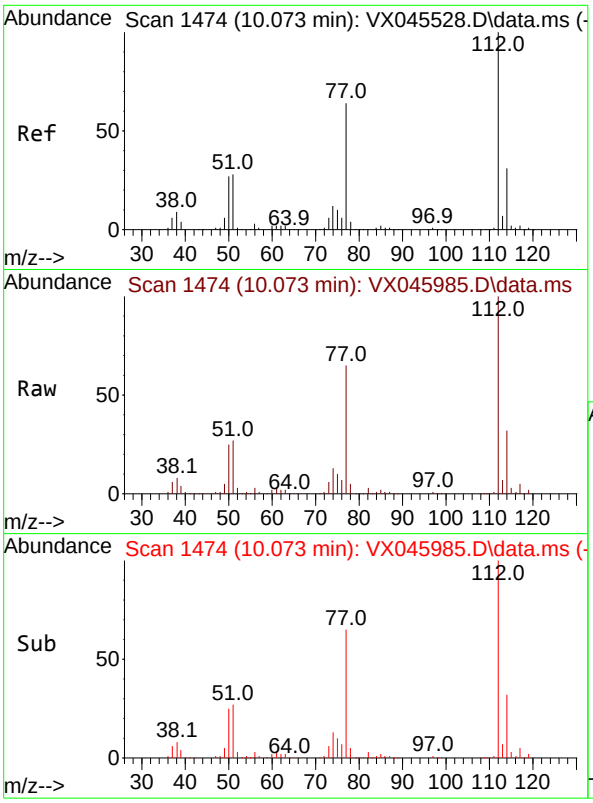


#64
Tetrachloroethene
Concen: 56.324 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:164 Resp: 48815

Ion	Ratio	Lower	Upper
164	100		
166	127.0	103.8	155.8
129	108.1	84.3	126.5
131	102.2	80.9	121.3

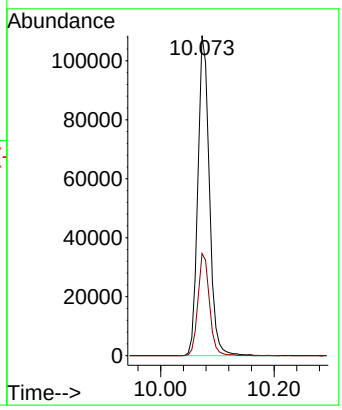




#65
Chlorobenzene
Concen: 58.288 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:112 Resp: 15289

Ion	Ratio	Lower	Upper
112	100		
114	31.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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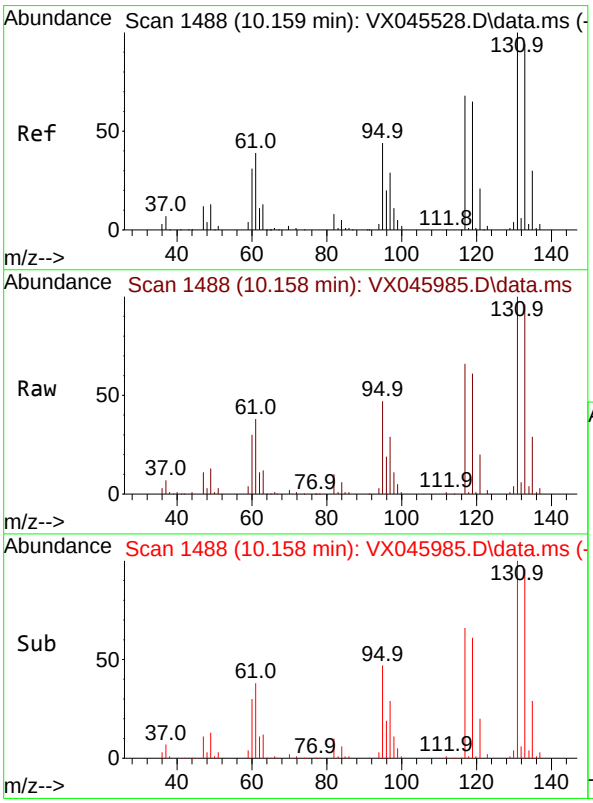
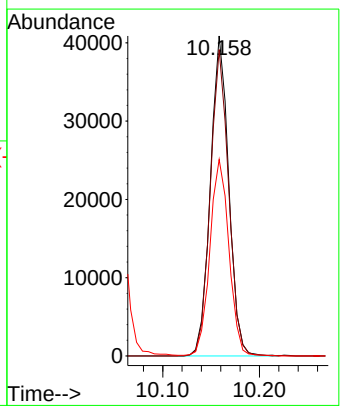
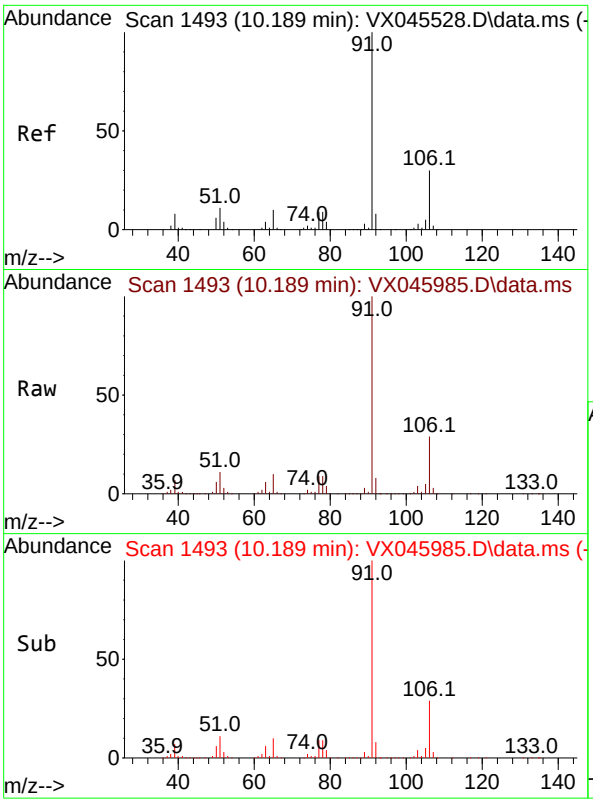


#66
1,1,1,2-Tetrachloroethane
Concen: 59.035 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:131 Resp: 53762

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.5	142.5
119	64.1	32.9	98.6

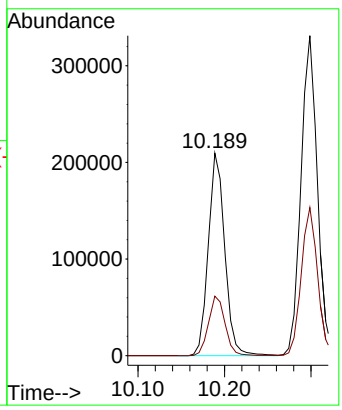




#67
Ethyl Benzene
Concen: 59.031 ug/l
RT: 10.189 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 91 Resp: 27732

Ion	Ratio	Lower	Upper
91	100		
106	29.4	23.7	35.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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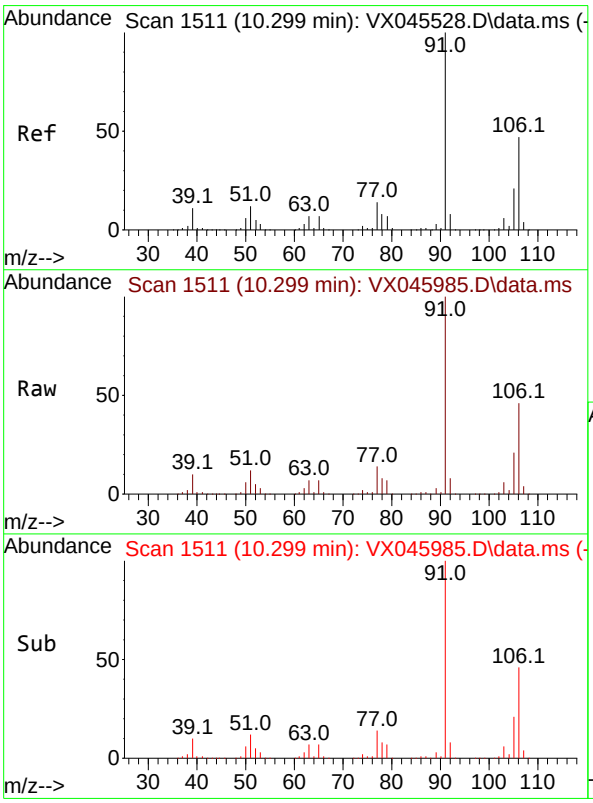
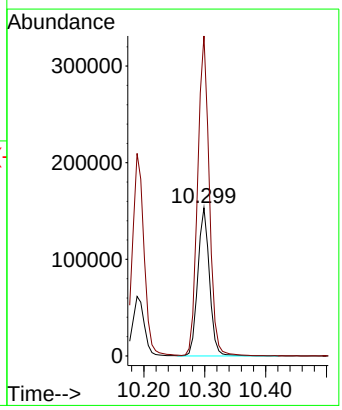
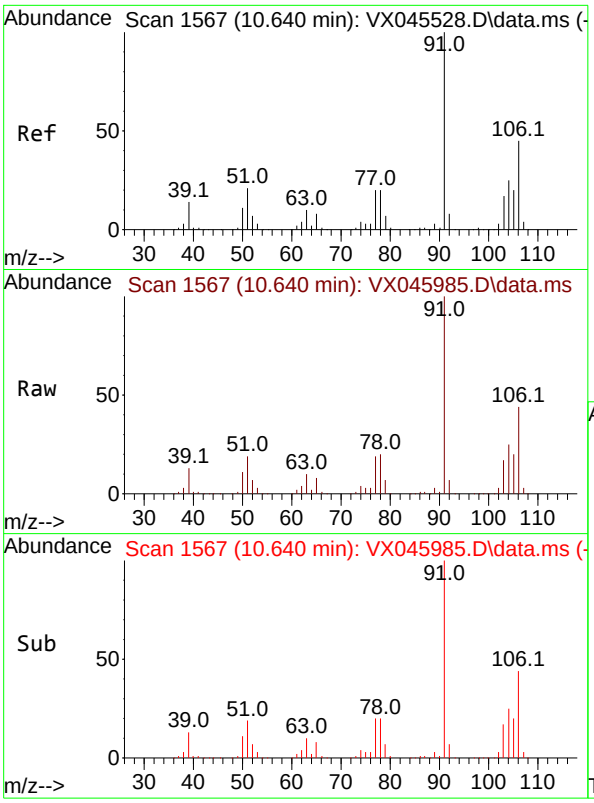


#68
m/p-Xylenes
Concen: 118.999 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:106 Resp: 203329

Ion	Ratio	Lower	Upper
106	100		
91	215.7	172.6	258.8

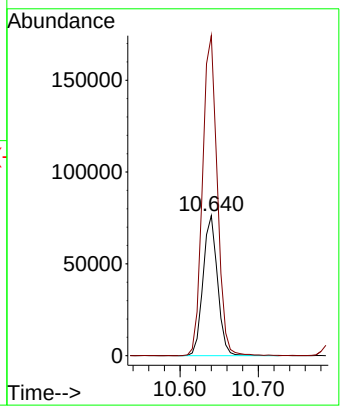




#69
o-Xylene
Concen: 58.079 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:106 Resp: 9775

Ion	Ratio	Lower	Upper
106	100		
91	233.4	113.6	340.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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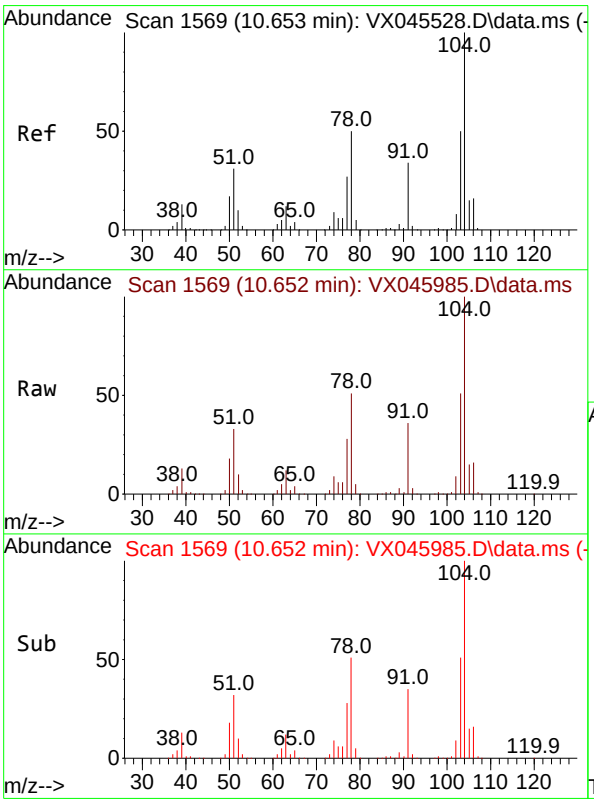
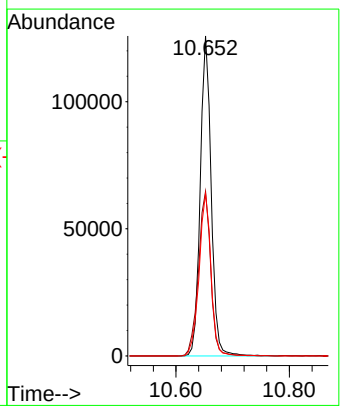
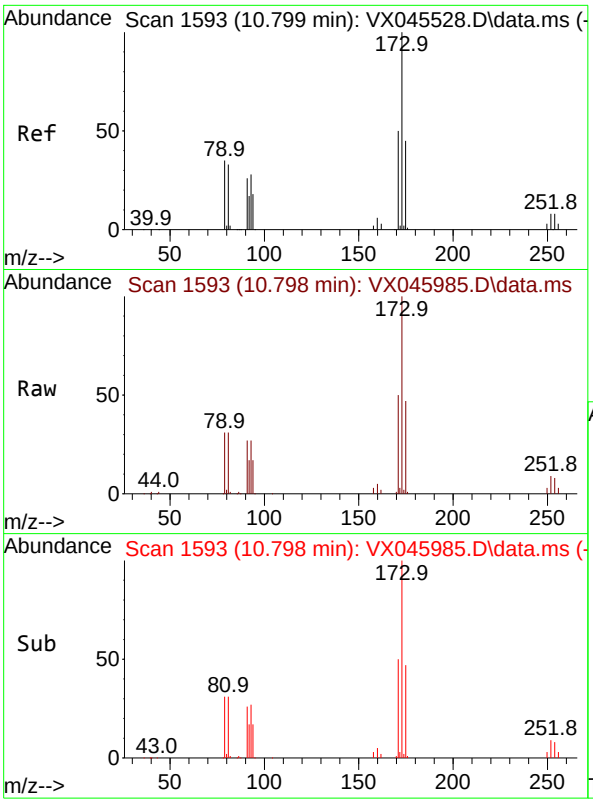


#70
Styrene
Concen: 60.482 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:104 Resp: 168026

Ion	Ratio	Lower	Upper
104	100		
78	58.0	45.4	68.2
103	55.5	43.8	65.8

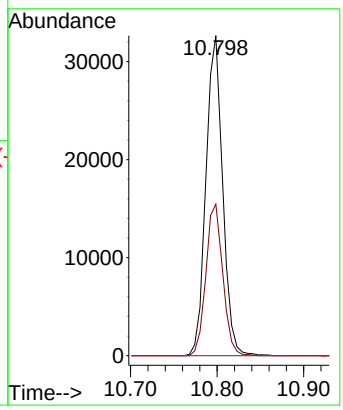




#71
Bromoform
Concen: 64.339 ug/l
RT: 10.798 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:173 Resp: 4374

Ion	Ratio	Lower	Upper
173	100		
175	47.8	23.4	70.2
254	0.0	0.0	0.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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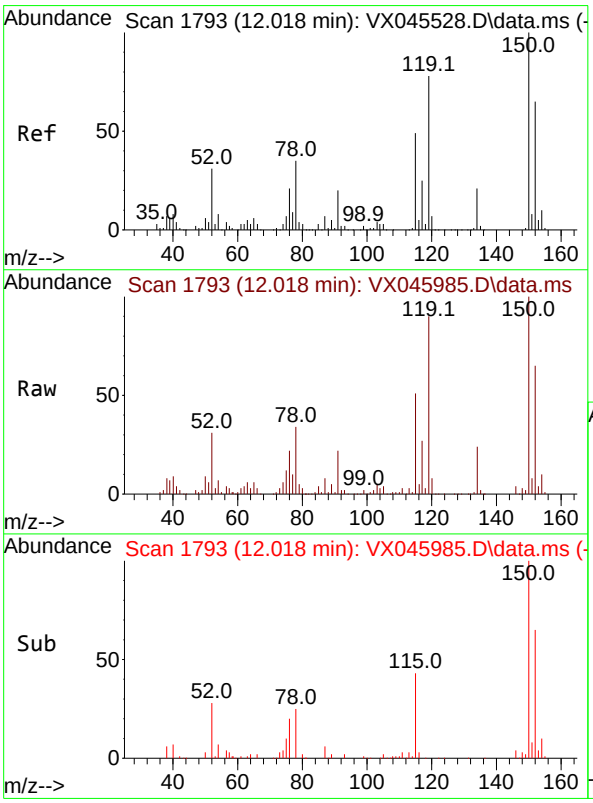
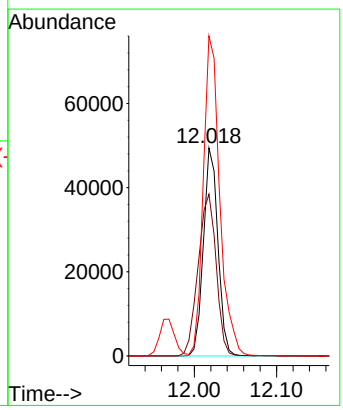
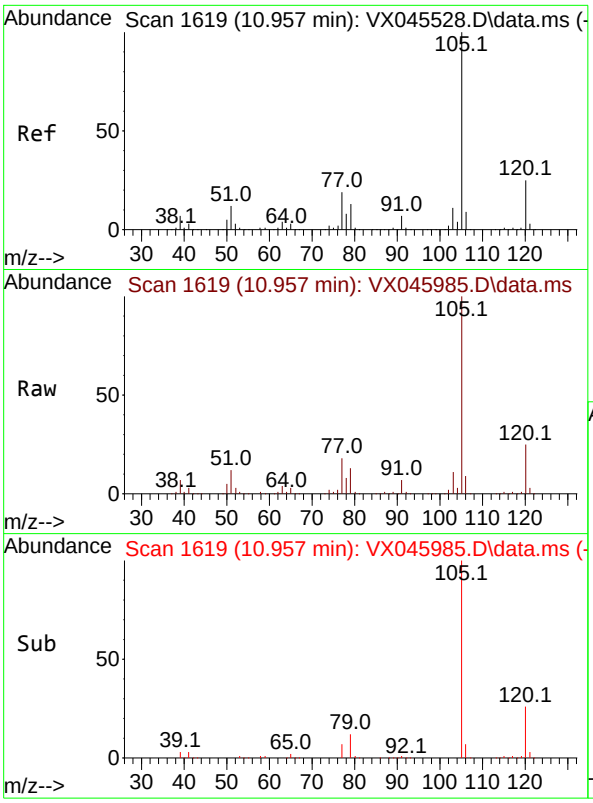


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:152 Resp: 60558

Ion	Ratio	Lower	Upper
152	100		
115	96.6	46.9	140.7
150	174.3	0.0	349.4





#73
Isopropylbenzene
Concen: 55.748 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:105 Resp: 27042

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.7	38.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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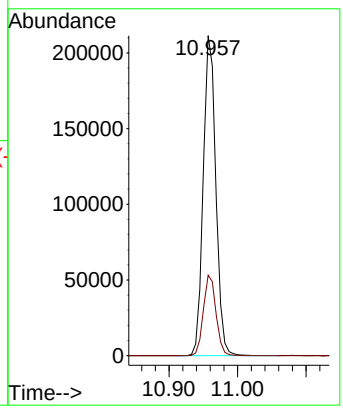
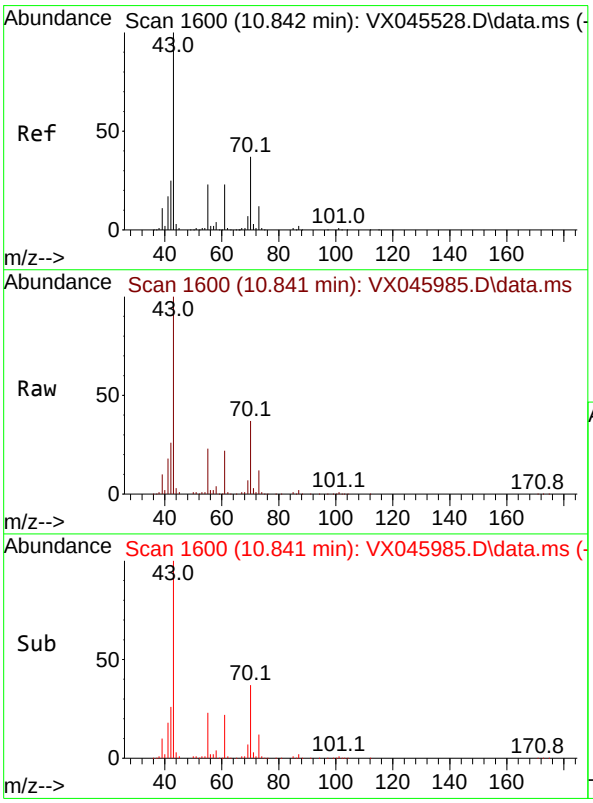
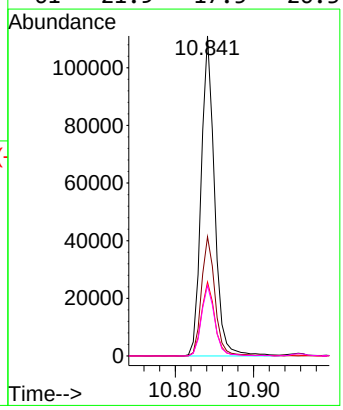


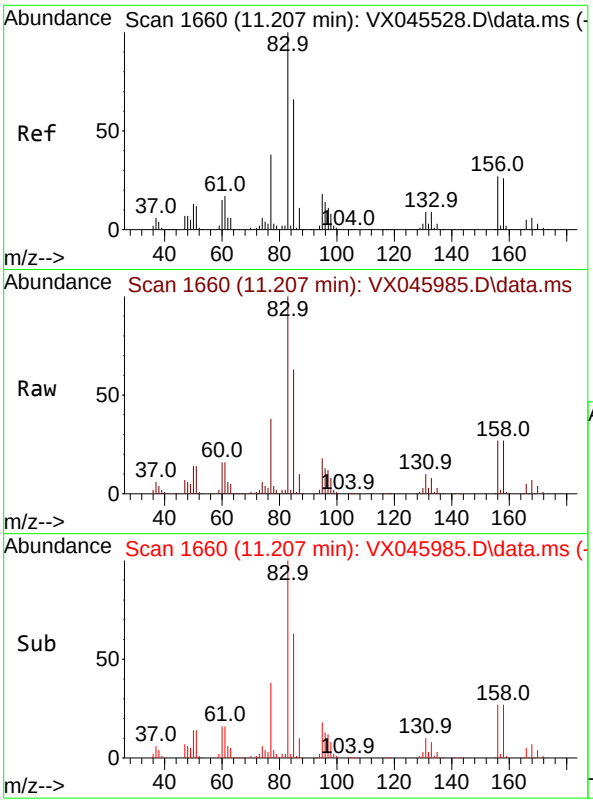


#74
N-amyl acetate
Concen: 56.782 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 43 Resp: 131755

Ion	Ratio	Lower	Upper
43	100		
70	37.6	30.1	45.1
55	23.4	18.3	27.5
61	21.9	17.5	26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 52.449 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 83 Resp: 8937

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.7	14.1
85	64.3	32.4	97.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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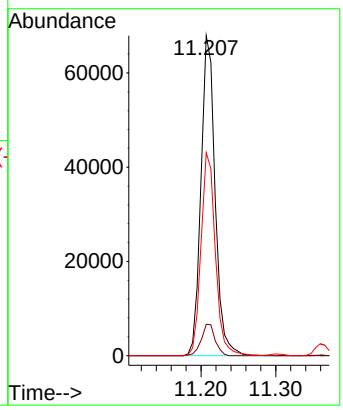
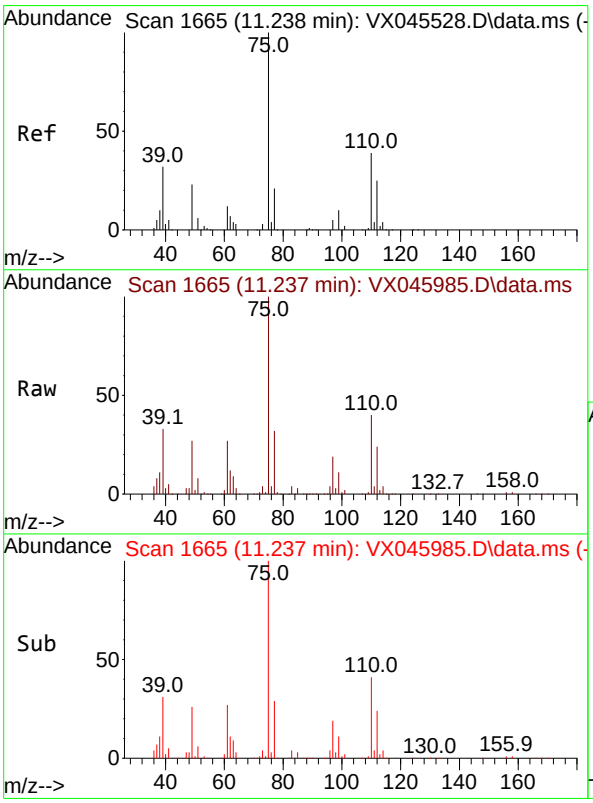
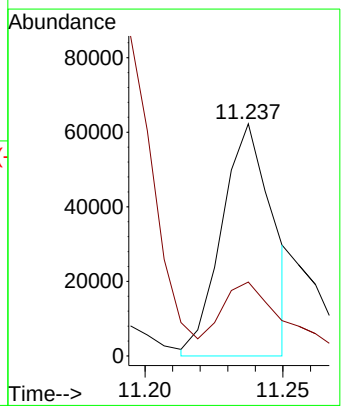


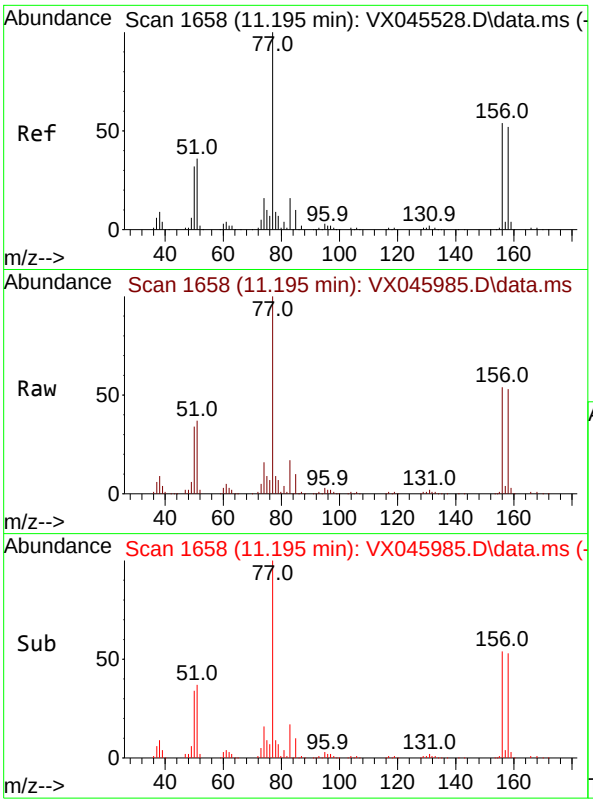


#76
1,2,3-Trichloropropane
Concen: 53.709 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 79337

Ion	Ratio	Lower	Upper
75	100		
77	40.7	20.0	59.9

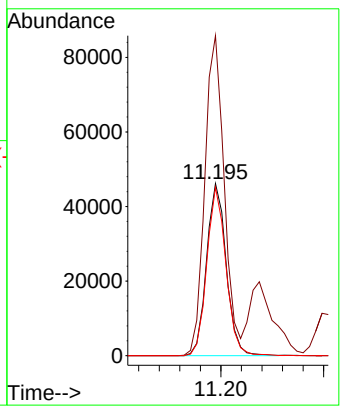




#77
Bromobenzene
Concen: 54.578 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:156 Resp: 6117

Ion	Ratio	Lower	Upper
156	100		
77	183.8	92.6	277.8
158	95.6	48.1	144.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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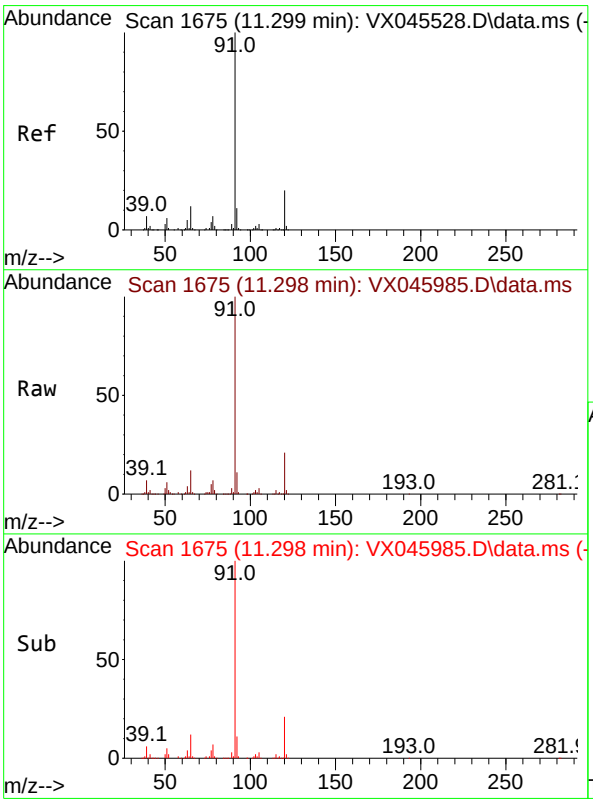
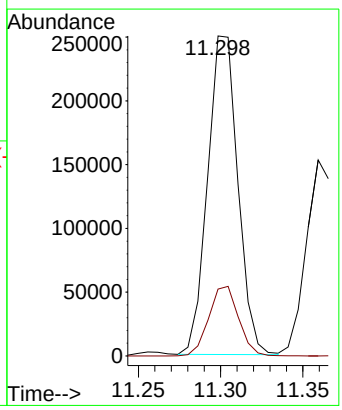
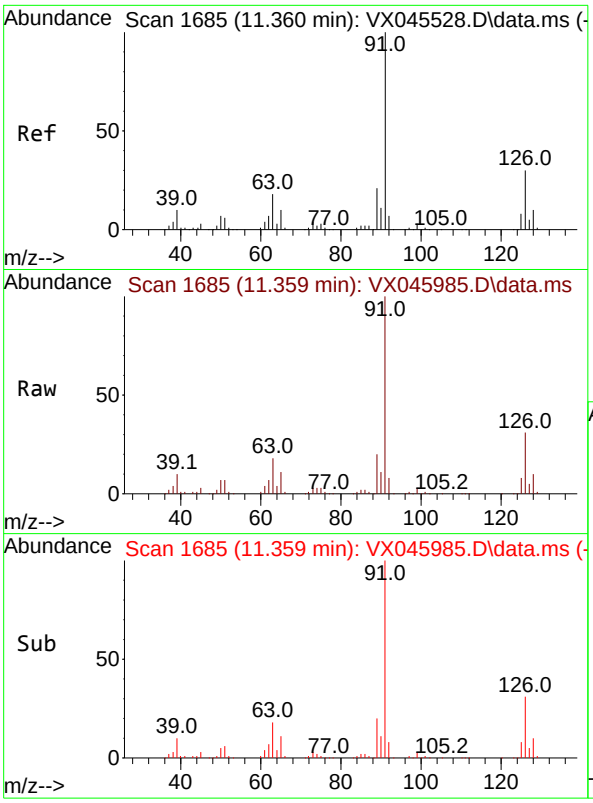


#78
n-propylbenzene
Concen: 57.199 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 91 Resp: 319585

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.3





#79
2-Chlorotoluene
Concen: 54.562 ug/l
RT: 11.359 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 91 Resp: 19489

Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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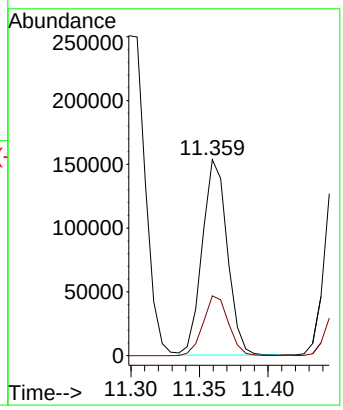
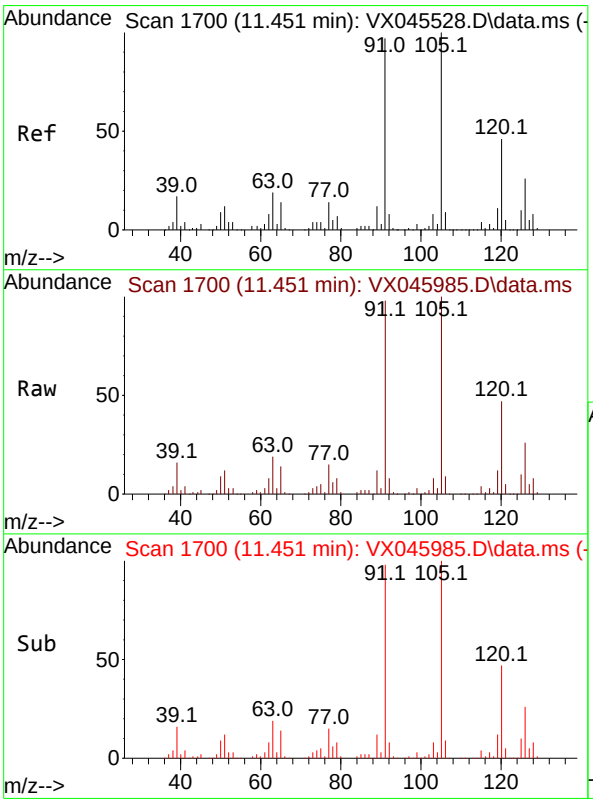
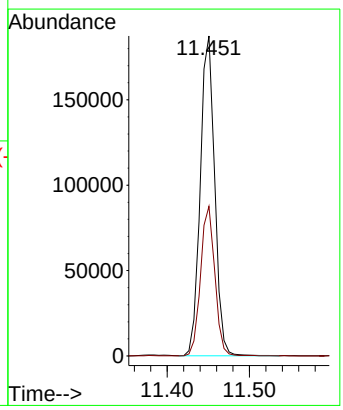


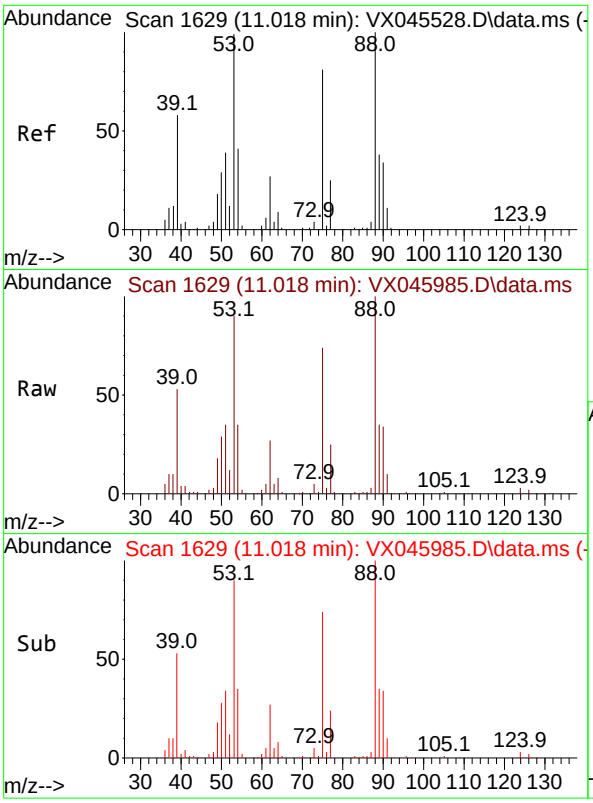


#80
1,3,5-Trimethylbenzene
Concen: 56.997 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:105 Resp: 228624

Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.0	69.0

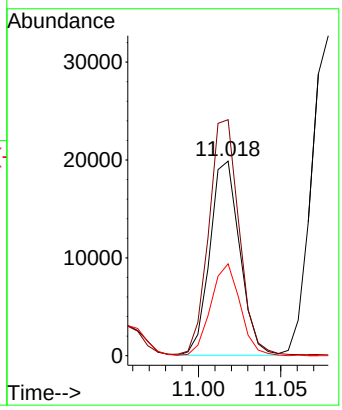




#81
trans-1,4-Dichloro-2-butene
Concen: 57.681 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 2510

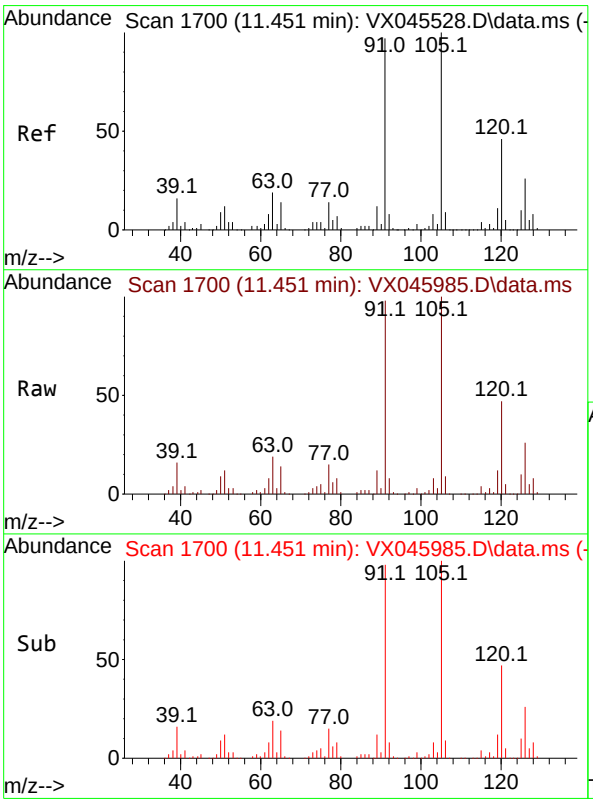
Ion	Ratio	Lower	Upper
75	100		
53	124.5	101.8	152.6
89	46.6	37.2	55.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

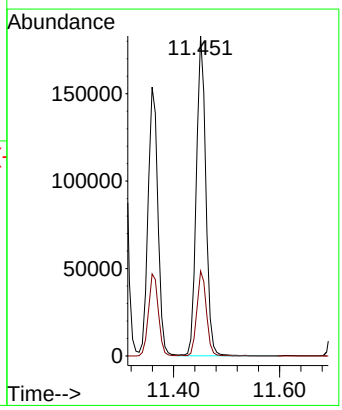
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

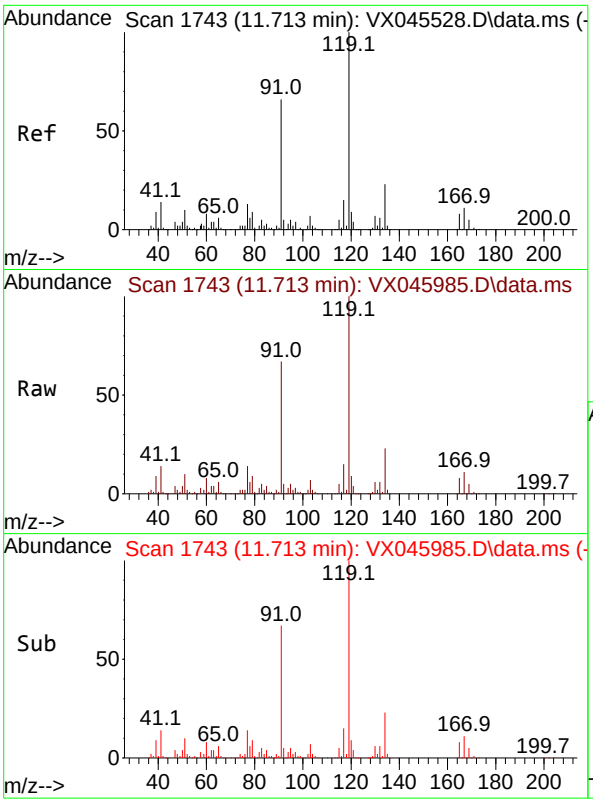


#82
4-Chlorotoluene
Concen: 56.991 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 91 Resp: 226967

Ion	Ratio	Lower	Upper
91	100		
126	26.6	13.3	39.9

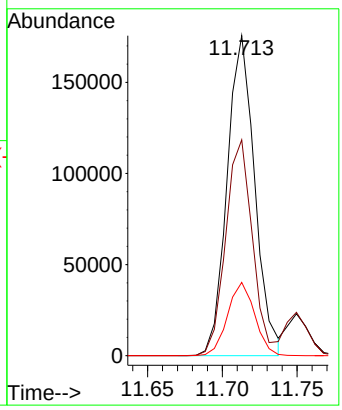




#83
tert-Butylbenzene
Concen: 56.883 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:119 Resp: 22589

Ion	Ratio	Lower	Upper
119	100		
91	64.7	32.4	97.2
134	22.5	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
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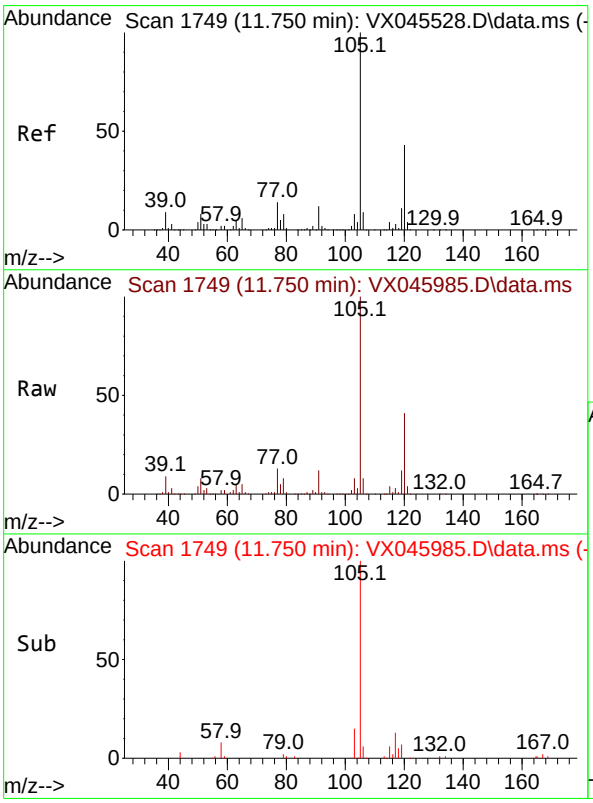
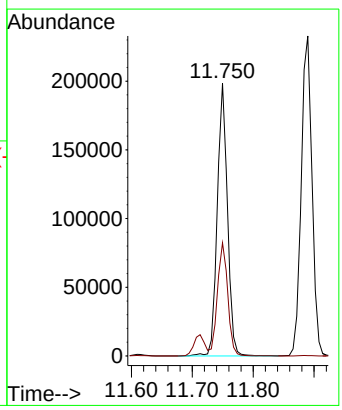
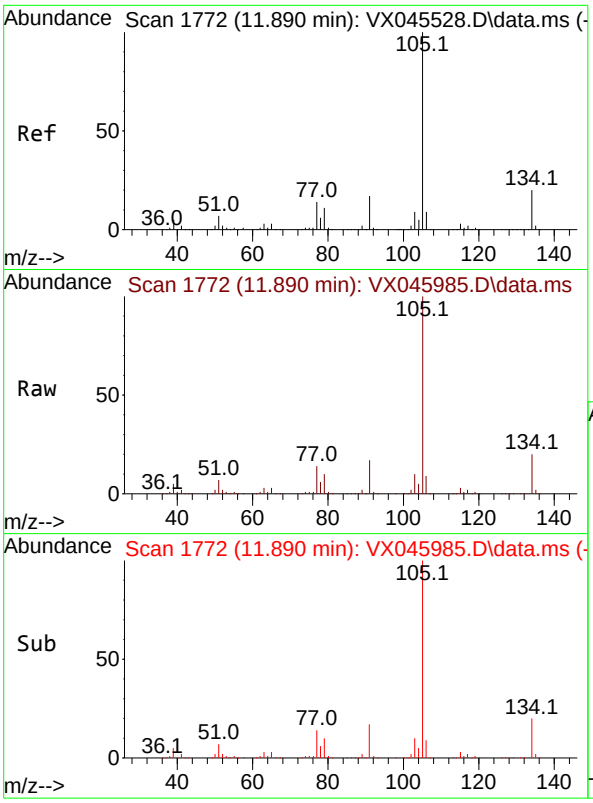


#84
1,2,4-Trimethylbenzene
Concen: 57.131 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:105 Resp: 230007

Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.4	64.3





#85
sec-Butylbenzene
Concen: 58.450 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:105 Resp: 28509

Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.6	28.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 05/02/2025
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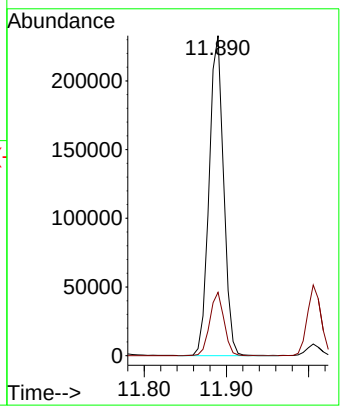
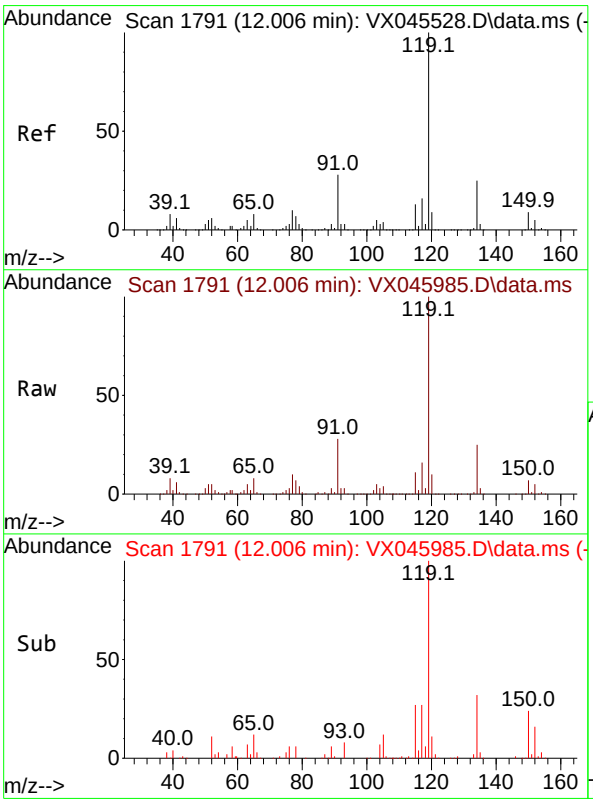
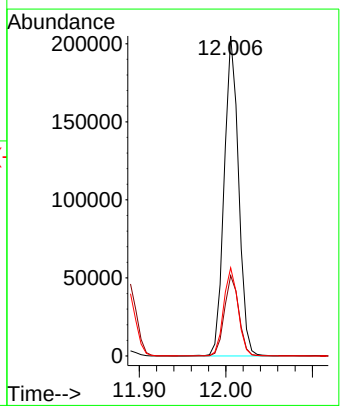


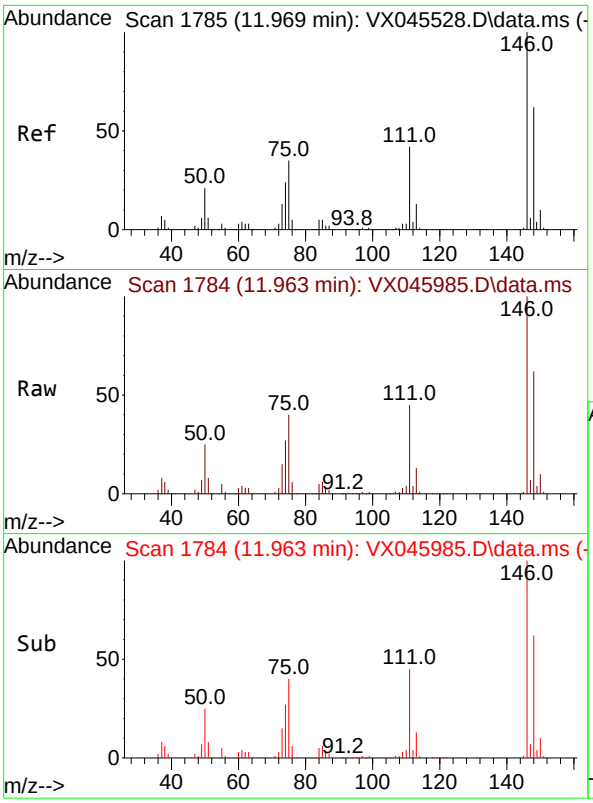


#86
p-Isopropyltoluene
Concen: 58.918 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:119 Resp: 236921

Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.8
91	27.4	13.7	41.1

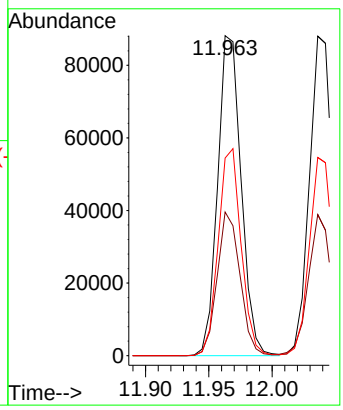




#87
1,3-Dichlorobenzene
Concen: 55.772 ug/l
RT: 11.963 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:146 Resp: 11378

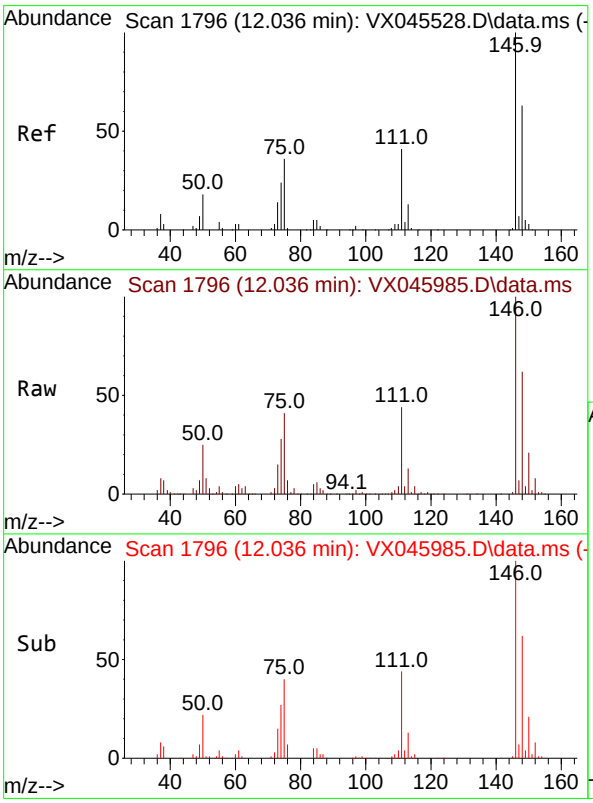
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.2	66.6
148	63.2	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

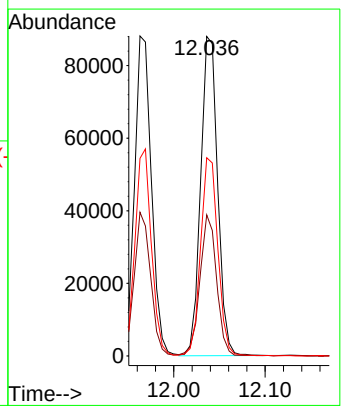
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

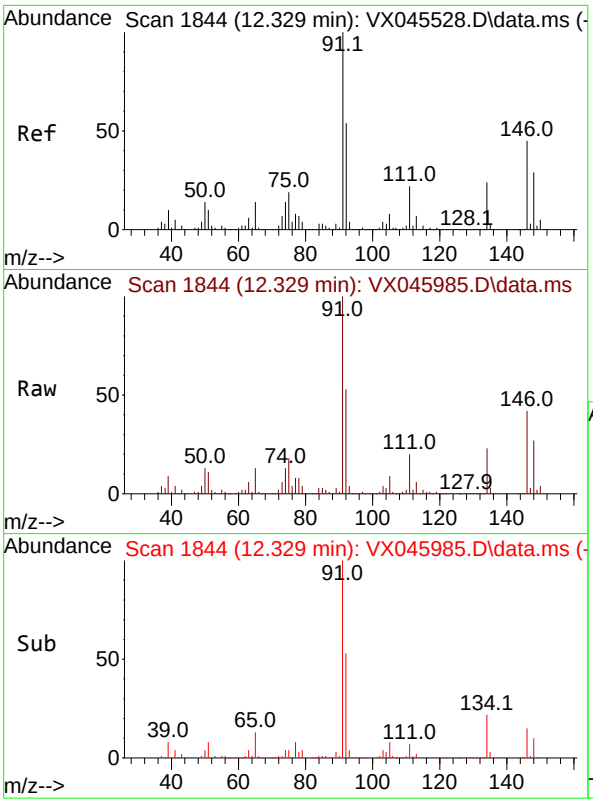


#88
1,4-Dichlorobenzene
Concen: 54.777 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:146 Resp: 113296

Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.9	62.8
148	63.3	31.5	94.5





#89
n-Butylbenzene
Concen: 61.446 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 91 Resp: 21426

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.6
134	23.6	11.9	35.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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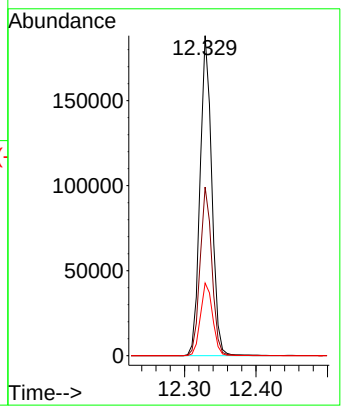
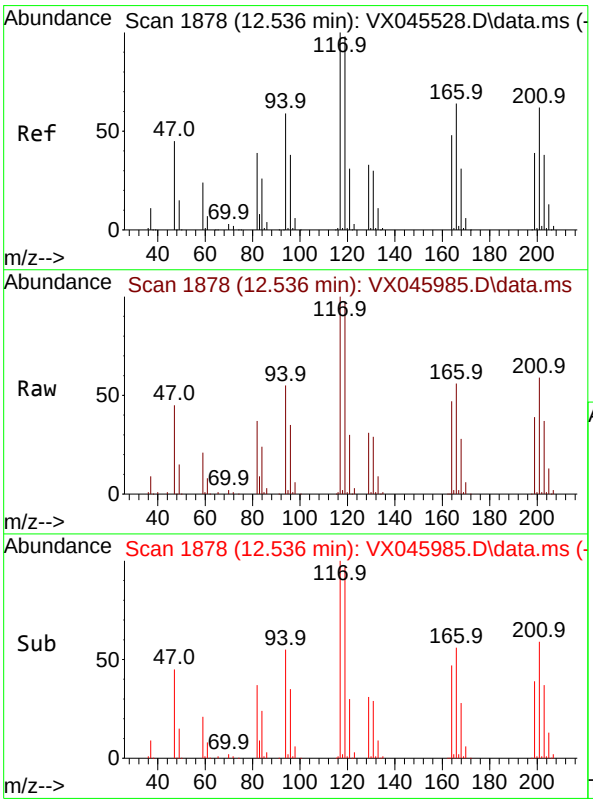
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

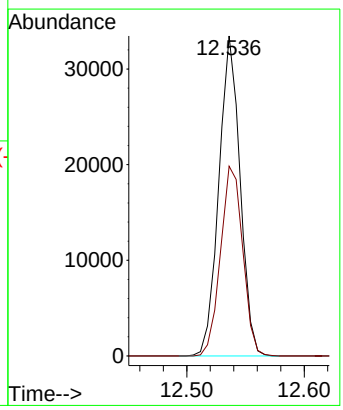


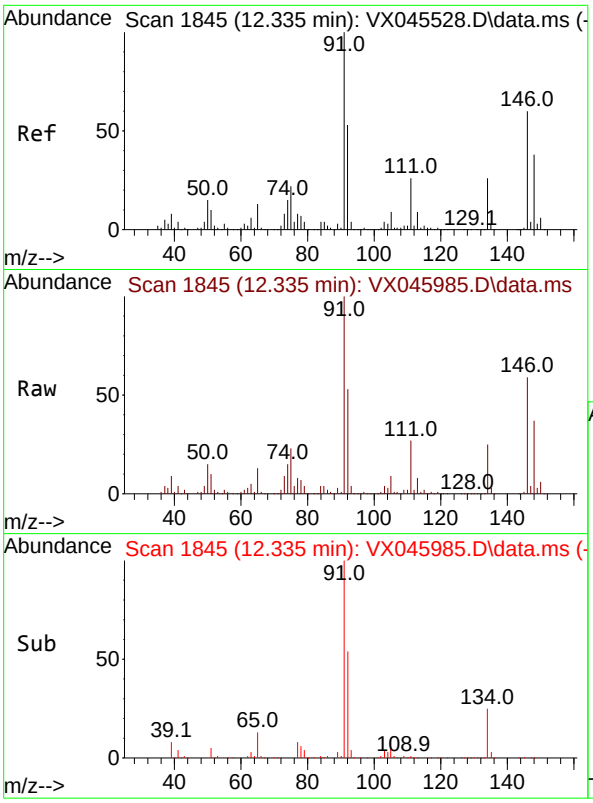


#90
Hexachloroethane
Concen: 60.731 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:117 Resp: 41970

Ion	Ratio	Lower	Upper
117	100		
201	62.1	31.2	93.6

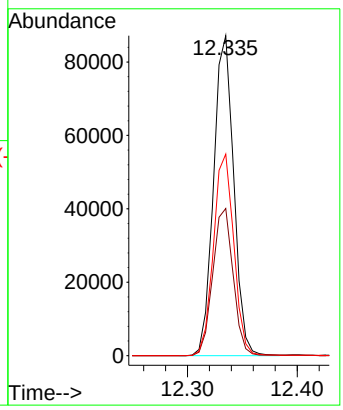




#91
1,2-Dichlorobenzene
Concen: 54.962 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:146 Resp: 11148

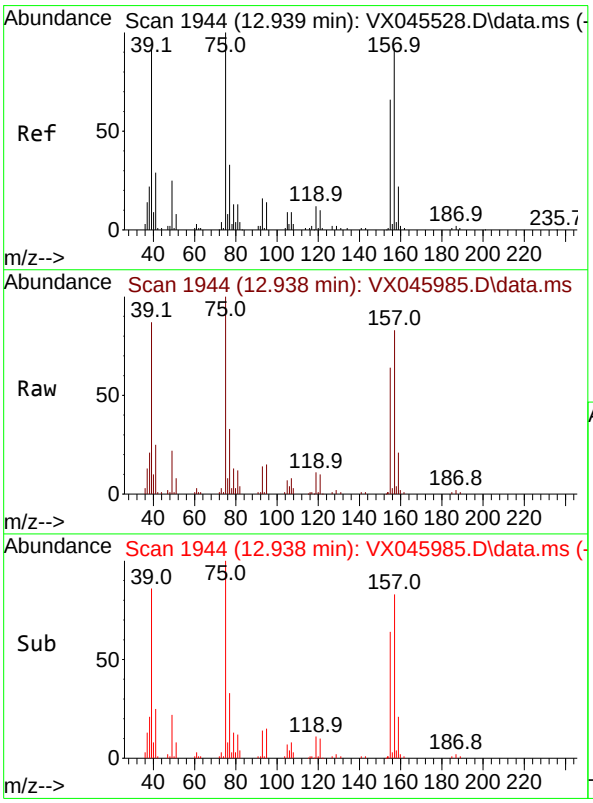
Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.9	68.8
148	63.8	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

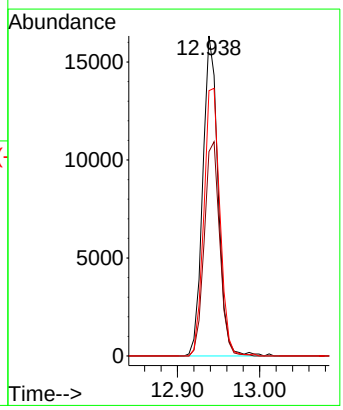
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

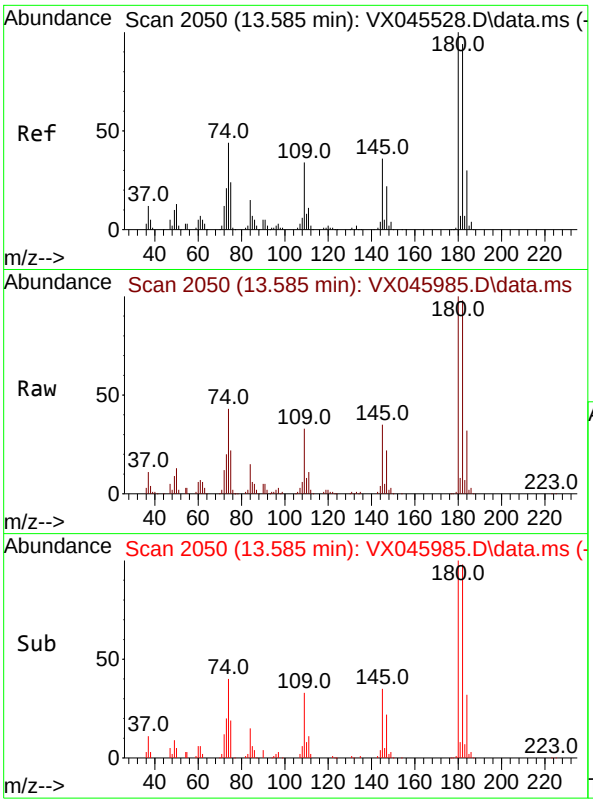


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.332 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion: 75 Resp: 21144

Ion	Ratio	Lower	Upper
75	100		
155	67.7	34.9	104.7
157	87.4	44.9	134.7

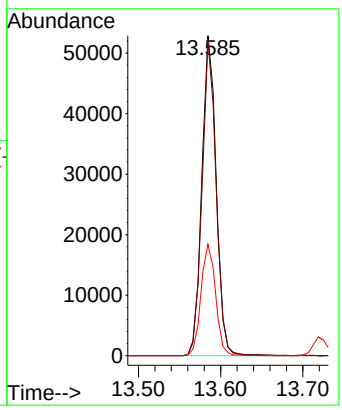




#93
1,2,4-Trichlorobenzene
Concen: 56.960 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:180 Resp: 6431

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	35.3	17.9	53.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
Reviewed By :John Carlone 05/02/2025
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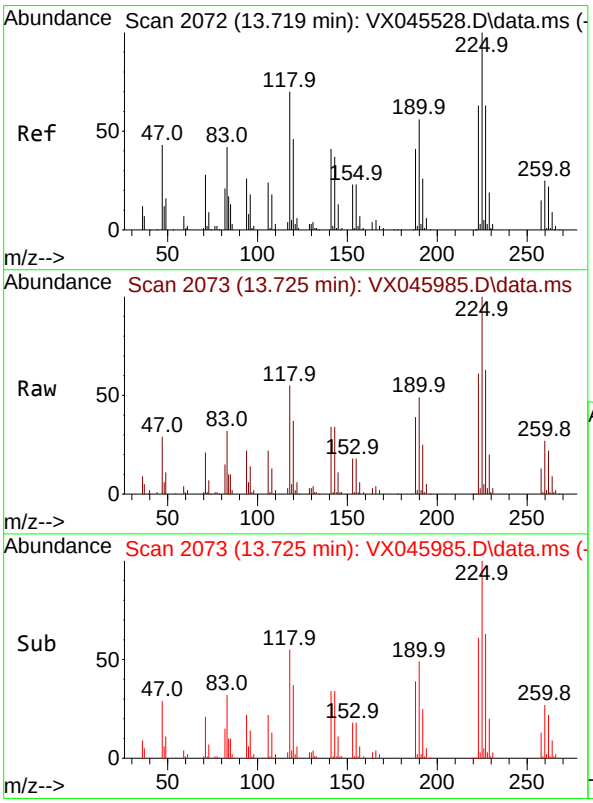
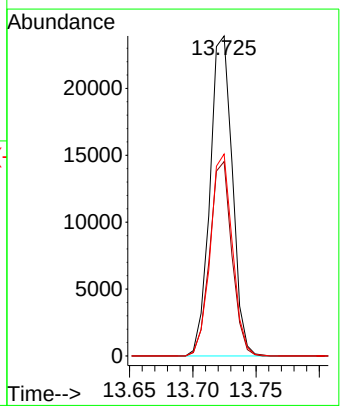
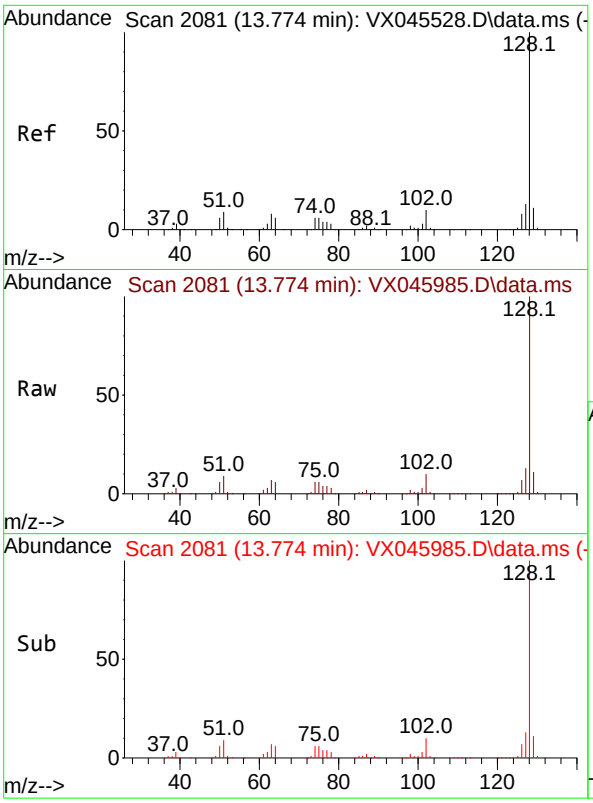


#94
Hexachlorobutadiene
Concen: 60.361 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:225 Resp: 29367

Ion	Ratio	Lower	Upper
225	100		
223	59.9	31.1	93.3
227	62.4	32.2	96.6

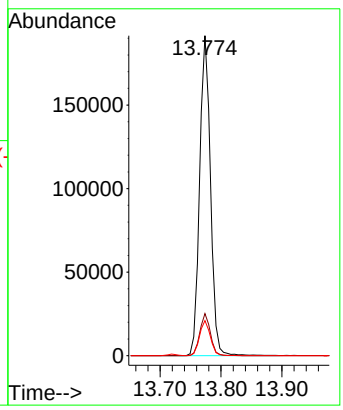




#95
Naphthalene
Concen: 56.435 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:128 Resp: 23711

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :John Carlone 05/02/2025
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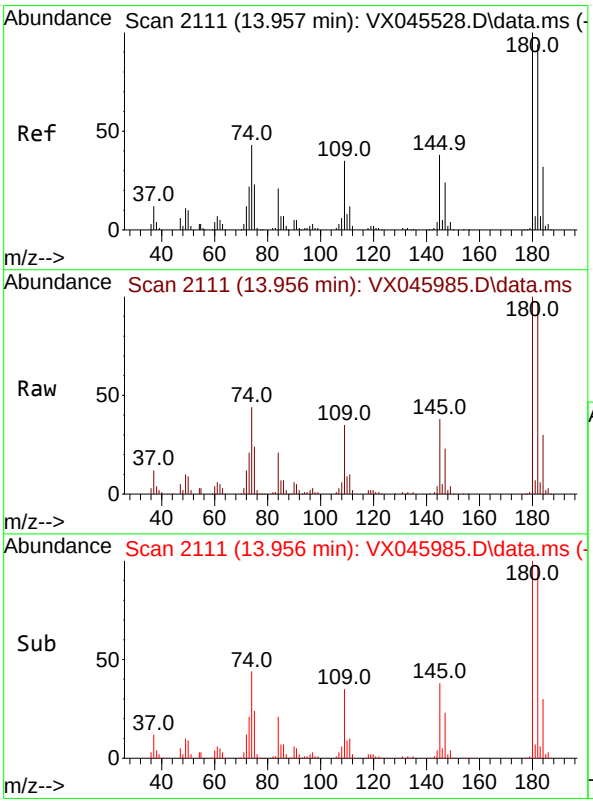
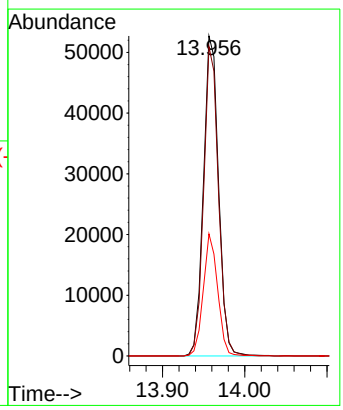


#96
1,2,3-Trichlorobenzene
Concen: 57.054 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045985.D
Acq: 30 Apr 2025 10:01

Tgt Ion:180 Resp: 67453

Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.8
145	36.4	18.2	54.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	87	0.00
2	T	Dichlorodifluoromethane	0.748	0.740	1.1	78	0.00
3	P	Chloromethane	0.768	0.749	2.5	83	0.00
4	C	Vinyl Chloride	0.703	0.712	-1.3#	86	0.00
5	T	Bromomethane	0.333	0.335	-0.6	88	0.00
6	T	Chloroethane	0.373	0.401	-7.5	87	0.00
7	T	Trichlorofluoromethane	1.048	1.163	-11.0	93	0.00
8	T	Diethyl Ether	0.352	0.388	-10.2	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.614	0.720	-17.3	101	0.00
10	T	Methyl Iodide	0.766	0.808	-5.5	88	0.00
11	T	Tert butyl alcohol	0.123	0.140	-13.8	96	0.00
12	CM	1,1-Dichloroethene	0.600	0.646	-7.7#	93	0.00
13	T	Acrolein	0.169	0.169	0.0	88	0.00
14	T	Allyl chloride	1.139	1.289	-13.2	95	0.00
15	T	Acrylonitrile	0.388	0.434	-11.9	93	0.00
16	T	Acetone	0.375	0.412	-9.9	95	0.00
17	T	Carbon Disulfide	1.483	1.428	3.7	80	0.00
18	T	Methyl Acetate	0.864	1.229	-42.2#	124	0.00
19	T	Methyl tert-butyl Ether	2.100	2.378	-13.2	97	0.00
20	T	Methylene Chloride	0.703	0.750	-6.7	92	0.00
21	T	trans-1,2-Dichloroethene	0.613	0.651	-6.2	91	0.00
22	T	Diisopropyl ether	2.243	2.538	-13.2	96	0.00
23	T	Vinyl Acetate	1.938	2.170	-12.0	90	0.00
24	P	1,1-Dichloroethane	1.269	1.396	-10.0	95	0.00
25	T	2-Butanone	0.550	0.628	-14.2	93	0.00
26	T	2,2-Dichloropropane	0.820	1.079	-31.6#	110	0.00
27	T	cis-1,2-Dichloroethene	0.747	0.807	-8.0	93	0.00
28	T	Bromochloromethane	0.613	0.625	-2.0	91	0.00
29	T	Tetrahydrofuran	0.356	0.395	-11.0	92	0.00
30	C	Chloroform	1.306	1.474	-12.9#	97	0.00
31	T	Cyclohexane	1.122	1.180	-5.2	91	0.00
32	T	1,1,1-Trichloroethane	1.105	1.276	-15.5	100	0.00
33	S	1,2-Dichloroethane-d4	0.914	0.976	-6.8	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.355	0.405	-14.1	98	0.00
36	T	1,1-Dichloropropene	0.479	0.546	-14.0	95	0.00
37	T	Ethyl Acetate	0.604	0.676	-11.9	91	0.00
38	T	Carbon Tetrachloride	0.518	0.632	-22.0	99	0.00
39	T	Methylcyclohexane	0.587	0.683	-16.4	92	0.00
40	TM	Benzene	1.463	1.629	-11.3	92	0.00
41	T	Methacrylonitrile	0.318	0.391	-23.0	94	0.00
42	TM	1,2-Dichloroethane	0.604	0.716	-18.5	97	0.00
43	T	Isopropyl Acetate	0.915	1.083	-18.4	93	0.00
44	TM	Trichloroethene	0.348	0.381	-9.5	91	0.00
45	C	1,2-Dichloropropane	0.365	0.424	-16.2#	95	0.00
46	T	Dibromomethane	0.280	0.324	-15.7	93	0.00
47	T	Bromodichloromethane	0.560	0.663	-18.4	97	0.00
48	T	Methyl methacrylate	0.472	0.570	-20.8	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	0.009	0.010	-11.1	90	0.00
50	S	Toluene-d8	1.238	1.287	-4.0	89	0.00
51	T	4-Methyl-2-Pentanone	0.606	0.741	-22.3	94	0.00
52	CM	Toluene	0.885	1.002	-13.2#	92	0.00
53	T	t-1,3-Dichloropropene	0.467	0.594	-27.2#	98	0.00
54	T	cis-1,3-Dichloropropene	0.526	0.661	-25.7#	98	0.00
55	T	1,1,2-Trichloroethane	0.353	0.409	-15.9	95	0.00
56	T	Ethyl methacrylate	0.546	0.660	-20.9	92	0.00
57	T	1,3-Dichloropropane	0.614	0.717	-16.8	95	0.00
58	T	2-Chloroethyl Vinyl ether	0.276	0.319	-15.6	90	0.00
59	T	2-Hexanone	0.449	0.545	-21.4	93	0.00
60	T	Dibromochloromethane	0.385	0.474	-23.1	97	0.00
61	T	1,2-Dibromoethane	0.357	0.421	-17.9	95	0.00
62	S	4-Bromofluorobenzene	0.451	0.514	-14.0	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.353	0.398	-12.7	94	0.00
65	PM	Chlorobenzene	1.068	1.246	-16.7	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.371	0.438	-18.1	96	0.00
67	C	Ethyl Benzene	1.914	2.259	-18.0#	92	0.00
68	T	m/p-Xylenes	0.696	0.828	-19.0	93	0.00
69	T	o-Xylene	0.686	0.796	-16.0	90	0.00
70	T	Styrene	1.132	1.369	-20.9	92	0.00
71	P	Bromoform	0.277	0.356	-28.5#	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	4.005	4.466	-11.5	94	0.00
74	T	N-amyl acetate	1.916	2.176	-13.6	93	0.00
75	P	1,1,2,2-Tetrachloroethane	1.407	1.476	-4.9	94	0.00
76	T	1,2,3-Trichloropropane	1.220	1.310	-7.4	94	0.00
77	T	Bromobenzene	0.925	1.010	-9.2	95	0.00
78	T	n-propylbenzene	4.613	5.277	-14.4	95	0.00
79	T	2-Chlorotoluene	2.949	3.218	-9.1	96	0.00
80	T	1,3,5-Trimethylbenzene	3.312	3.775	-14.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.359	0.415	-15.6	98	0.00
82	T	4-Chlorotoluene	3.288	3.748	-14.0	96	0.00
83	T	tert-Butylbenzene	3.279	3.730	-13.8	96	0.00
84	T	1,2,4-Trimethylbenzene	3.324	3.798	-14.3	95	0.00
85	T	sec-Butylbenzene	4.027	4.708	-16.9	96	0.00
86	T	p-Isopropyltoluene	3.320	3.912	-17.8	98	0.00
87	T	1,3-Dichlorobenzene	1.684	1.879	-11.6	97	0.00
88	T	1,4-Dichlorobenzene	1.708	1.871	-9.5	97	0.00
89	T	n-Butylbenzene	2.879	3.538	-22.9	99	0.00
90	T	Hexachloroethane	0.571	0.693	-21.4	102	0.00
91	T	1,2-Dichlorobenzene	1.675	1.841	-9.9	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.294	0.349	-18.7	97	0.00
93	T	1,2,4-Trichlorobenzene	0.932	1.062	-13.9	99	0.00
94	T	Hexachlorobutadiene	0.402	0.485	-20.6	106	0.00
95	T	Naphthalene	3.469	3.916	-12.9	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.976	1.114	-14.1	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	87	0.00
2	T	Dichlorodifluoromethane	50.000	49.511	1.0	78	0.00
3	P	Chloromethane	50.000	48.720	2.6	83	0.00
4	C	Vinyl Chloride	50.000	50.631	-1.3#	86	0.00
5	T	Bromomethane	50.000	50.285	-0.6	88	0.00
6	T	Chloroethane	50.000	53.801	-7.6	87	0.00
7	T	Trichlorofluoromethane	50.000	55.463	-10.9	93	0.00
8	T	Diethyl Ether	50.000	55.114	-10.2	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	58.595	-17.2	101	0.00
10	T	Methyl Iodide	50.000	52.697	-5.4	88	0.00
11	T	Tert butyl alcohol	250.000	285.531	-14.2	96	0.00
12	CM	1,1-Dichloroethene	50.000	53.830	-7.7#	93	0.00
13	T	Acrolein	250.000	249.511	0.2	88	0.00
14	T	Allyl chloride	50.000	56.591	-13.2	95	0.00
15	T	Acrylonitrile	250.000	279.773	-11.9	93	0.00
16	T	Acetone	250.000	274.460	-9.8	95	0.00
17	T	Carbon Disulfide	50.000	48.149	3.7	80	0.00
18	T	Methyl Acetate	50.000	71.068	-42.1#	124	0.00
19	T	Methyl tert-butyl Ether	50.000	56.627	-13.3	97	0.00
20	T	Methylene Chloride	50.000	53.357	-6.7	92	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.118	-6.2	91	0.00
22	T	Diisopropyl ether	50.000	56.574	-13.1	96	0.00
23	T	Vinyl Acetate	250.000	279.868	-11.9	90	0.00
24	P	1,1-Dichloroethane	50.000	55.001	-10.0	95	0.00
25	T	2-Butanone	250.000	285.635	-14.3	93	0.00
26	T	2,2-Dichloropropane	50.000	65.801	-31.6#	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.994	-8.0	93	0.00
28	T	Bromochloromethane	50.000	50.967	-1.9	91	0.00
29	T	Tetrahydrofuran	250.000	277.150	-10.9	92	0.00
30	C	Chloroform	50.000	56.460	-12.9#	97	0.00
31	T	Cyclohexane	50.000	52.607	-5.2	91	0.00
32	T	1,1,1-Trichloroethane	50.000	57.773	-15.5	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.349	-6.7	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	57.096	-14.2	98	0.00
36	T	1,1-Dichloropropene	50.000	57.008	-14.0	95	0.00
37	T	Ethyl Acetate	50.000	55.982	-12.0	91	0.00
38	T	Carbon Tetrachloride	50.000	61.020	-22.0	99	0.00
39	T	Methylcyclohexane	50.000	58.168	-16.3	92	0.00
40	TM	Benzene	50.000	55.676	-11.4	92	0.00
41	T	Methacrylonitrile	50.000	61.444	-22.9	94	0.00
42	TM	1,2-Dichloroethane	50.000	59.265	-18.5	97	0.00
43	T	Isopropyl Acetate	50.000	59.187	-18.4	93	0.00
44	TM	Trichloroethene	50.000	54.850	-9.7	91	0.00
45	C	1,2-Dichloropropane	50.000	58.102	-16.2#	95	0.00
46	T	Dibromomethane	50.000	57.812	-15.6	93	0.00
47	T	Bromodichloromethane	50.000	59.224	-18.4	97	0.00
48	T	Methyl methacrylate	50.000	60.322	-20.6	94	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	1169.224	-16.9	90	0.00
50	S	Toluene-d8	50.000	51.954	-3.9	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	305.494	-22.2	94	0.00
52	CM	Toluene	50.000	56.589	-13.2#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	54.959	-9.9	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	62.882	-25.8#	98	0.00
55	T	1,1,2-Trichloroethane	50.000	57.923	-15.8	95	0.00
56	T	Ethyl methacrylate	50.000	60.478	-21.0	92	0.00
57	T	1,3-Dichloropropane	50.000	58.340	-16.7	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	289.158	-15.7	90	0.00
59	T	2-Hexanone	250.000	303.451	-21.4	93	0.00
60	T	Dibromochloromethane	50.000	61.693	-23.4	97	0.00
61	T	1,2-Dibromoethane	50.000	58.989	-18.0	95	0.00
62	S	4-Bromofluorobenzene	50.000	56.926	-13.9	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	56.324	-12.6	94	0.00
65	PM	Chlorobenzene	50.000	58.288	-16.6	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	59.035	-18.1	96	0.00
67	C	Ethyl Benzene	50.000	59.031	-18.1#	92	0.00
68	T	m/p-Xylenes	100.000	118.999	-19.0	93	0.00
69	T	o-Xylene	50.000	58.079	-16.2	90	0.00
70	T	Styrene	50.000	60.482	-21.0	92	0.00
71	P	Bromoform	50.000	64.339	-28.7#	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	55.748	-11.5	94	0.00
74	T	N-amyl acetate	50.000	56.782	-13.6	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.449	-4.9	94	0.00
76	T	1,2,3-Trichloropropane	50.000	53.709	-7.4	94	0.00
77	T	Bromobenzene	50.000	54.578	-9.2	95	0.00
78	T	n-propylbenzene	50.000	57.199	-14.4	95	0.00
79	T	2-Chlorotoluene	50.000	54.562	-9.1	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.997	-14.0	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.681	-15.4	98	0.00
82	T	4-Chlorotoluene	50.000	56.991	-14.0	96	0.00
83	T	tert-Butylbenzene	50.000	56.883	-13.8	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.131	-14.3	95	0.00
85	T	sec-Butylbenzene	50.000	58.450	-16.9	96	0.00
86	T	p-Isopropyltoluene	50.000	58.918	-17.8	98	0.00
87	T	1,3-Dichlorobenzene	50.000	55.772	-11.5	97	0.00
88	T	1,4-Dichlorobenzene	50.000	54.777	-9.6	97	0.00
89	T	n-Butylbenzene	50.000	61.446	-22.9	99	0.00
90	T	Hexachloroethane	50.000	60.731	-21.5	102	0.00
91	T	1,2-Dichlorobenzene	50.000	54.962	-9.9	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.332	-18.7	97	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.960	-13.9	99	0.00
94	T	Hexachlorobutadiene	50.000	60.361	-20.7	106	0.00
95	T	Naphthalene	50.000	56.435	-12.9	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045985.D
Acq On : 30 Apr 2025 10:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: May 01 03:35:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 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	57.054	-14.1	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_Y Calibration Date/Time: 05/01/2025 08:50

Lab File ID: VY022095.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.387	1.370		-1.23	20
Toluene	0.898	0.925		3.01	20
Ethyl Benzene	1.829	1.811		-0.98	20
m/p-Xylenes	0.728	0.745		2.34	20
o-Xylene	0.671	0.676		0.75	20
Isopropylbenzene	3.341	3.204		-4.1	20
n-propylbenzene	3.978	3.849		-3.24	20
1,3,5-Trimethylbenzene	2.752	2.700		-1.89	20
tert-Butylbenzene	2.469	2.372		-3.93	20
1,2,4-Trimethylbenzene	2.753	2.737		-0.58	20
sec-Butylbenzene	3.612	3.524		-2.44	20
p-Isopropyltoluene	3.067	3.035		-1.04	20
n-Butylbenzene	2.742	2.631		-4.05	20
1,2-Dichloroethane-d4	0.462	0.431		-6.71	20
Dibromofluoromethane	0.330	0.335		1.51	20
Toluene-d8	1.245	1.270		2.01	20
4-Bromofluorobenzene	0.419	0.427		1.91	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_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	300031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	433614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	410078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	227184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129452	46.711	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.420%			
35) Dibromofluoromethane	7.634	113	145369	50.745	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.500%			
50) Toluene-d8	10.109	98	550662	50.988	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.408	95	185315	50.971	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.940%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	107755	42.149	ug/l	100
3) Chloromethane	2.068	50	162561	44.656	ug/l	99
4) Vinyl Chloride	2.202	62	203141	45.411	ug/l	98
5) Bromomethane	2.592	94	153399	39.803	ug/l	98
6) Chloroethane	2.733	64	136234	44.717	ug/l	96
7) Trichlorofluoromethane	3.056	101	267266	45.309	ug/l	98
8) Diethyl Ether	3.458	74	65627	42.745	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	145092	45.342	ug/l	98
10) Methyl Iodide	4.001	142	166199	44.860	ug/l	98
11) Tert butyl alcohol	4.879	59	36425	239.412	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	132167	44.312	ug/l	97
13) Acrolein	3.653	56	46426	170.015	ug/l	99
14) Allyl chloride	4.385	41	149377	43.012	ug/l	99
15) Acrylonitrile	5.061	53	131912	234.690	ug/l	99
16) Acetone	3.873	43	93527	258.562	ug/l	93
17) Carbon Disulfide	4.104	76	411563	43.277	ug/l	100
18) Methyl Acetate	4.385	43	67887	52.440	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	309344	46.339	ug/l	99
20) Methylene Chloride	4.610	84	146445	41.790	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	152494	45.652	ug/l	97
22) Diisopropyl ether	6.019	45	358660	46.406	ug/l	99
23) Vinyl Acetate	5.958	43	972154	233.397	ug/l	99
24) 1,1-Dichloroethane	5.915	63	236343	44.117	ug/l	98
25) 2-Butanone	6.896	43	149979	237.416	ug/l	100
26) 2,2-Dichloropropane	6.884	77	216277	46.061	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	171041	45.794	ug/l	100
28) Bromochloromethane	7.238	49	102077	49.056	ug/l	95
29) Tetrahydrofuran	7.262	42	100678	245.385	ug/l	97
30) Chloroform	7.421	83	275742	46.403	ug/l	100
31) Cyclohexane	7.701	56	199607	43.571	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	244709	45.518	ug/l	99
36) 1,1-Dichloropropene	7.835	75	186977	48.590	ug/l	100
37) Ethyl Acetate	6.988	43	70801	51.230	ug/l	97
38) Carbon Tetrachloride	7.817	117	229097	49.824	ug/l	100
39) Methylcyclohexane	9.110	83	238404	49.231	ug/l	96
40) Benzene	8.079	78	593961	49.378	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.220	41	34133	45.180 ug/l #	86
42) 1,2-Dichloroethane	8.158	62	150849	50.652 ug/l	99
43) Isopropyl Acetate	8.195	43	130927	49.331 ug/l	99
44) Trichloroethene	8.866	130	166940	50.105 ug/l	99
45) 1,2-Dichloropropane	9.140	63	131749	49.528 ug/l	97
46) Dibromomethane	9.231	93	84979	51.032 ug/l	99
47) Bromodichloromethane	9.427	83	209708	50.411 ug/l	100
48) Methyl methacrylate	9.219	41	64491	52.563 ug/l	97
49) 1,4-Dioxane	9.231	88	19493	1098.297 ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	381378	274.117 ug/l	99
52) Toluene	10.170	92	401133	51.517 ug/l	98
53) t-1,3-Dichloropropene	10.396	75	180292	50.528 ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	209730	49.447 ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	115966	52.135 ug/l	98
56) Ethyl methacrylate	10.439	69	133143	52.343 ug/l	98
57) 1,3-Dichloropropane	10.719	76	182342	51.135 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	351579	282.693 ug/l	99
59) 2-Hexanone	10.762	43	255399	278.311 ug/l	99
60) Dibromochloromethane	10.914	129	160702	52.183 ug/l	99
61) 1,2-Dibromoethane	11.012	107	108715	51.771 ug/l	100
64) Tetrachloroethene	10.646	164	197335	51.010 ug/l	99
65) Chlorobenzene	11.444	112	442124	48.212 ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	160317	49.657 ug/l	100
67) Ethyl Benzene	11.518	91	742816	49.517 ug/l	99
68) m/p-Xylenes	11.627	106	610976	102.352 ug/l	99
69) o-Xylene	11.957	106	277219	50.386 ug/l	98
70) Styrene	11.969	104	480407	52.004 ug/l	99
71) Bromoform	12.133	173	97556	51.974 ug/l #	98
73) Isopropylbenzene	12.255	105	727842	47.953 ug/l	99
74) N-amyl acetate	12.072	43	120776	46.314 ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	120473	47.078 ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	96284m	49.479 ug/l	
77) Bromobenzene	12.536	156	186160	48.538 ug/l	99
78) n-propylbenzene	12.597	91	874536	48.382 ug/l	99
79) 2-Chlorotoluene	12.682	91	498448	47.417 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	613435	49.051 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	38218	47.296 ug/l	98
82) 4-Chlorotoluene	12.780	91	523473	47.904 ug/l	98
83) tert-Butylbenzene	12.999	119	538982	48.054 ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	621868	49.714 ug/l	100
85) sec-Butylbenzene	13.176	105	800547	48.777 ug/l	99
86) p-Isopropyltoluene	13.292	119	689548	49.477 ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	371168	47.649 ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	364925	47.301 ug/l	98
89) n-Butylbenzene	13.621	91	597694	47.980 ug/l	99
90) Hexachloroethane	13.883	117	142735	46.615 ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	324218	47.720 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19397	47.643 ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	182261	47.340 ug/l	100
94) Hexachlorobutadiene	15.023	225	111490	47.066 ug/l	99
95) Naphthalene	15.145	128	304421	47.598 ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	158454	47.678 ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

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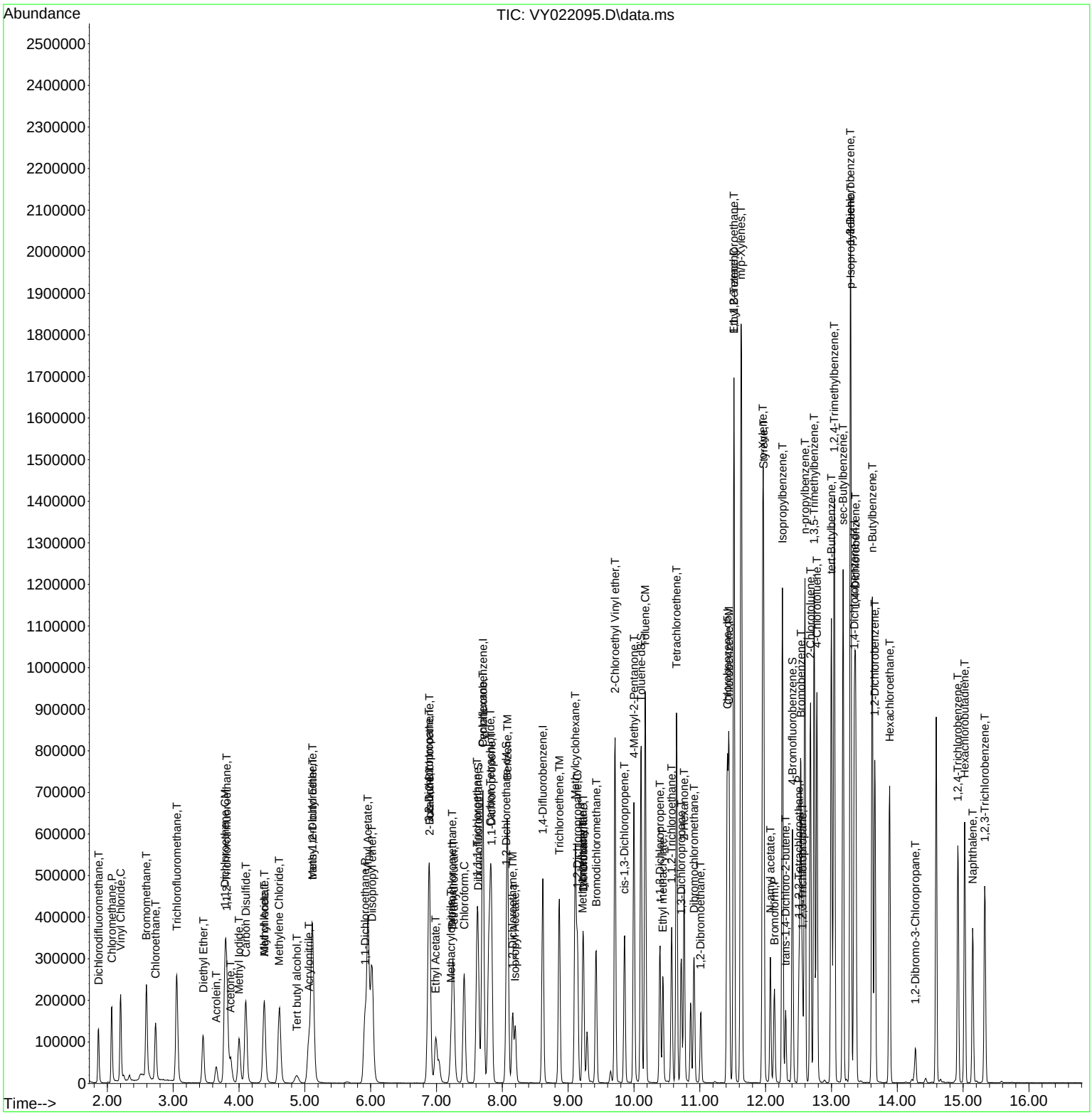
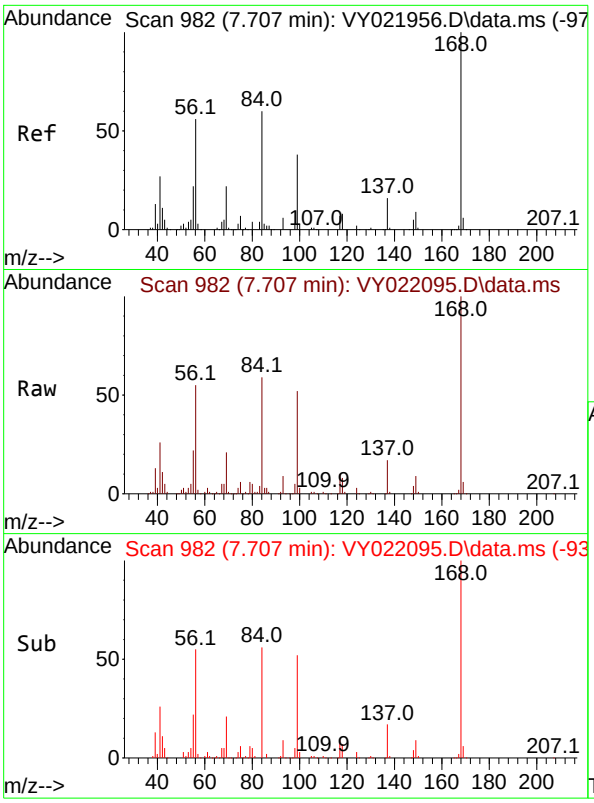
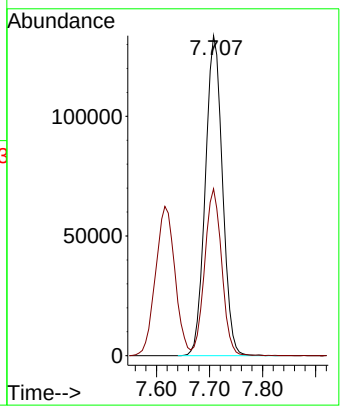




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:168 Resp: 30003

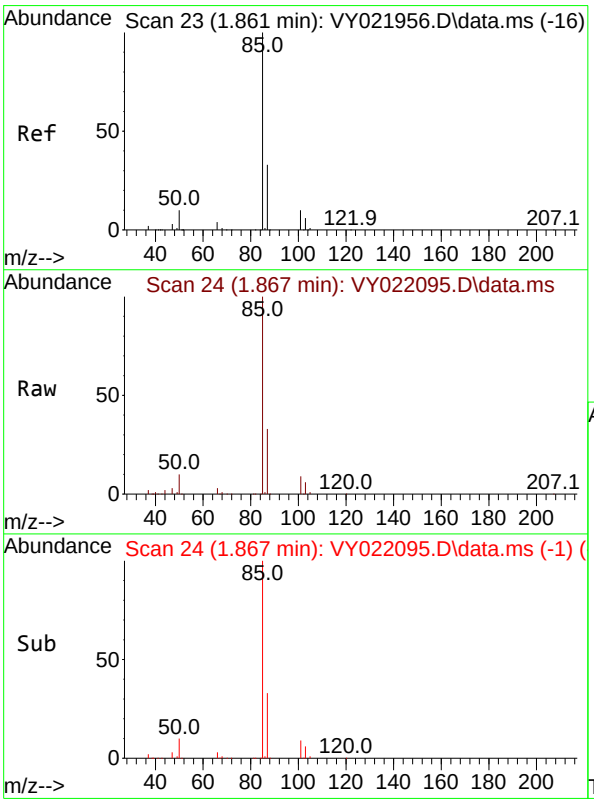
Ion	Ratio	Lower	Upper
168	100		
99	52.1	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

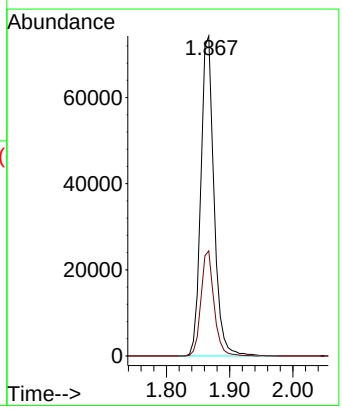
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

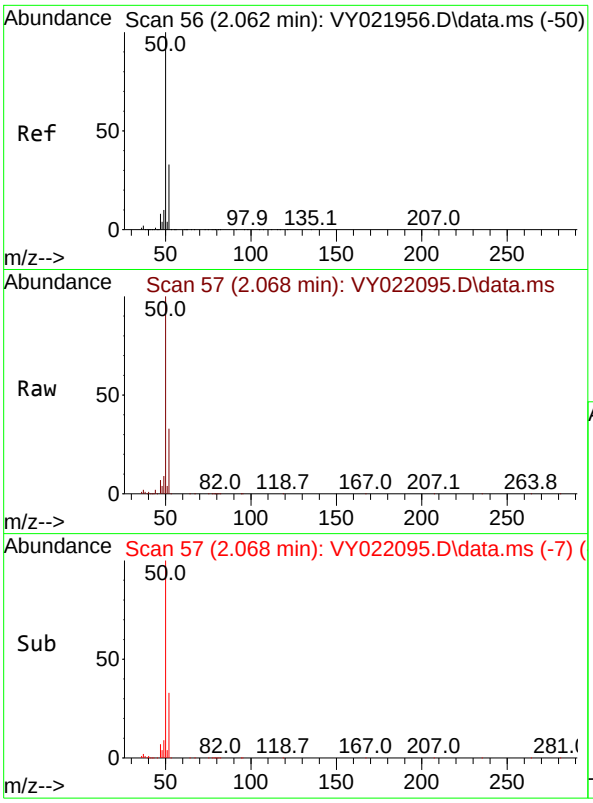


#2
Dichlorodifluoromethane
Concen: 42.149 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 85 Resp: 107755

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.6	49.7

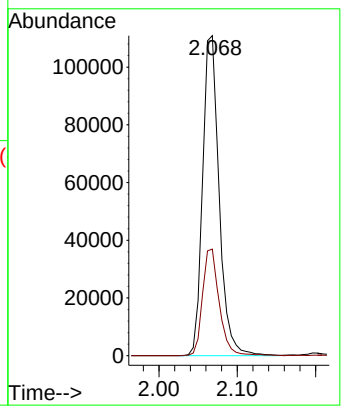




#3
Chloromethane
Concen: 44.656 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 50 Resp: 16256

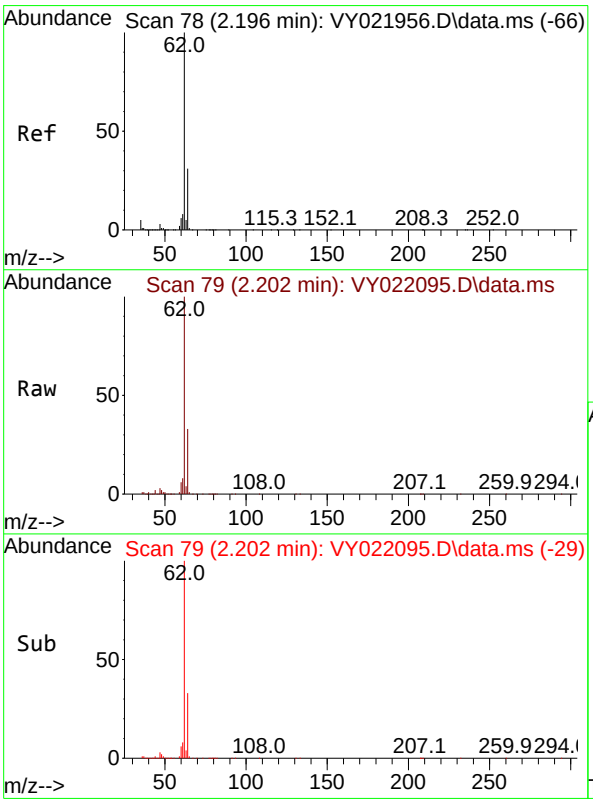
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

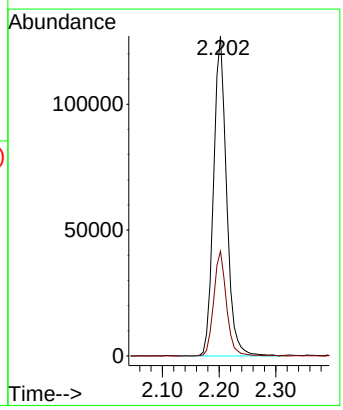
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

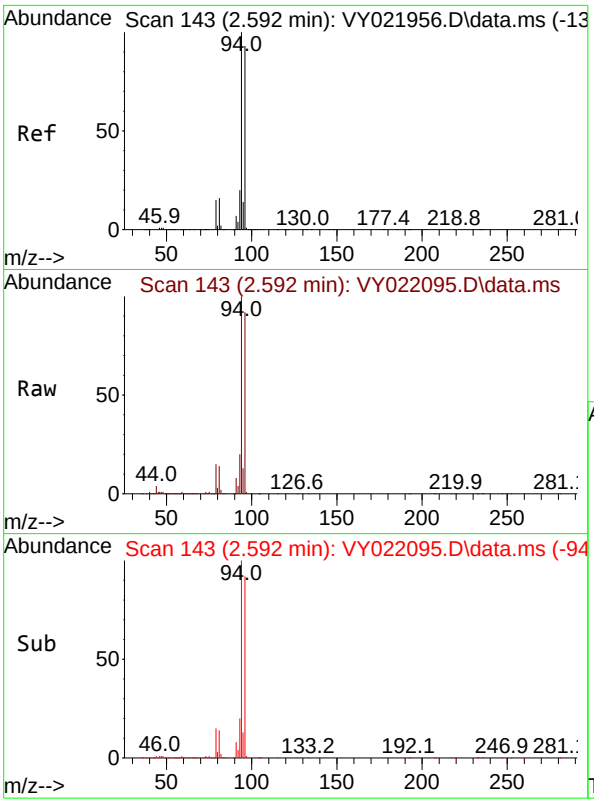


#4
Vinyl Chloride
Concen: 45.411 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 62 Resp: 203141

Ion	Ratio	Lower	Upper
62	100		
64	32.8	25.1	37.7





#5
Bromomethane
Concen: 39.803 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

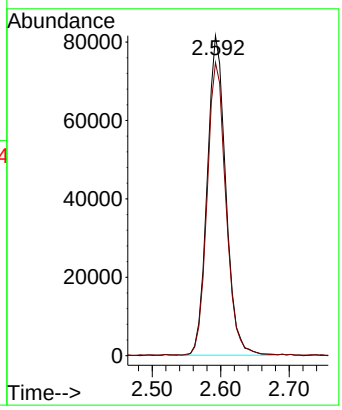
Tgt Ion: 94 Resp: 153399

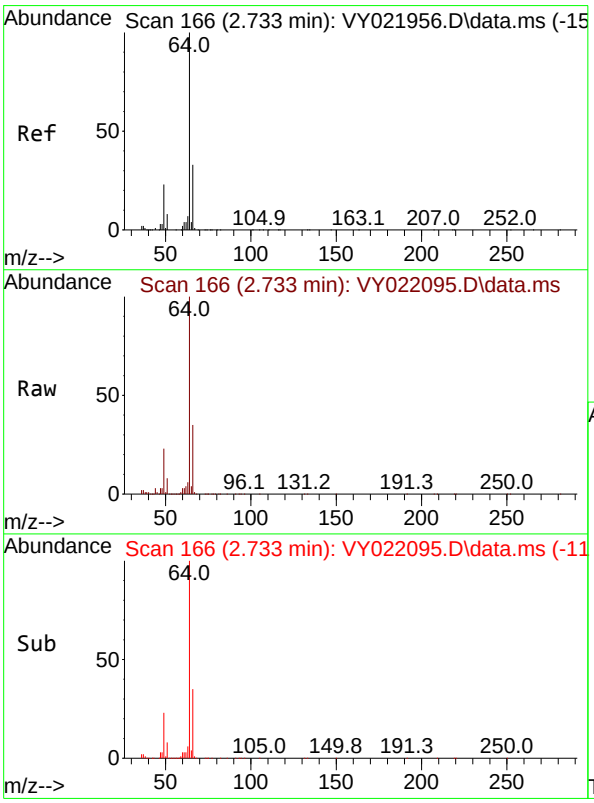
Ion	Ratio	Lower	Upper
94	100		
96	91.4	74.6	111.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

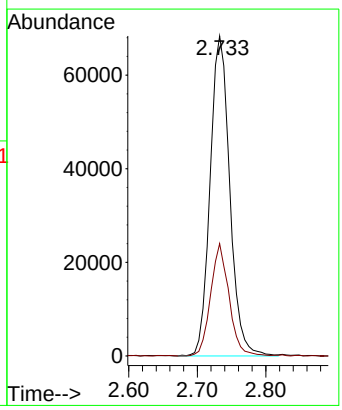


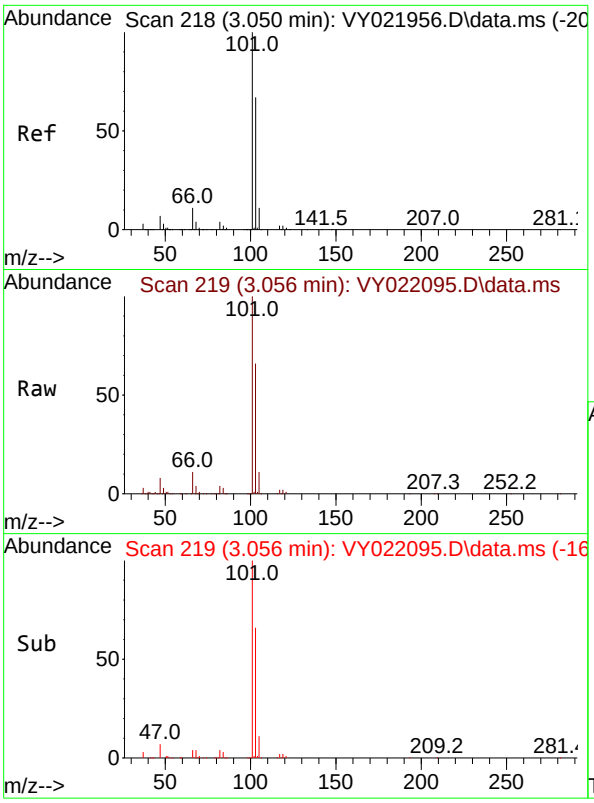


#6
Chloroethane
Concen: 44.717 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 64 Resp: 136234

Ion	Ratio	Lower	Upper
64	100		
66	35.1	26.2	39.4

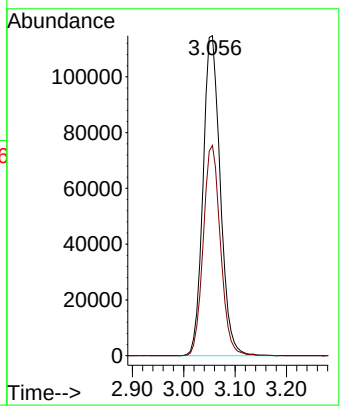




#7
Trichlorofluoromethane
Concen: 45.309 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:101 Resp: 26726

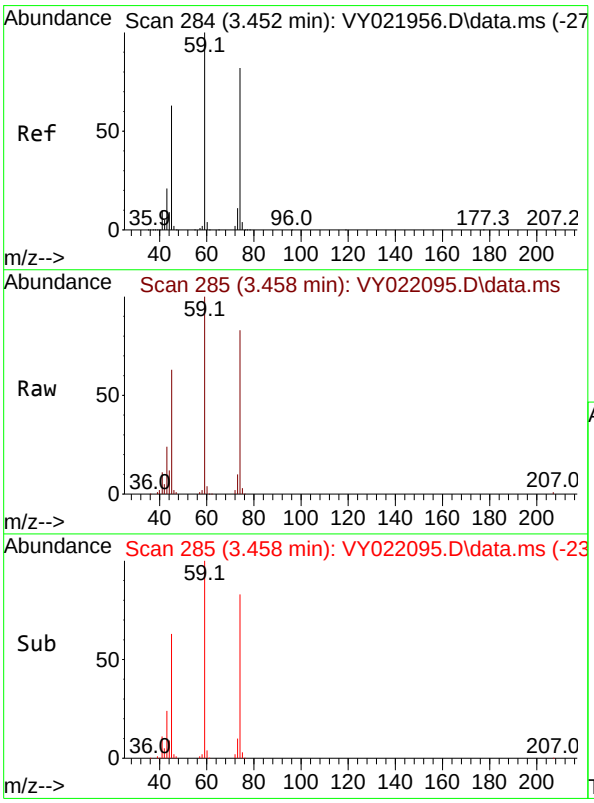
Ion	Ratio	Lower	Upper
101	100		
103	65.7	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

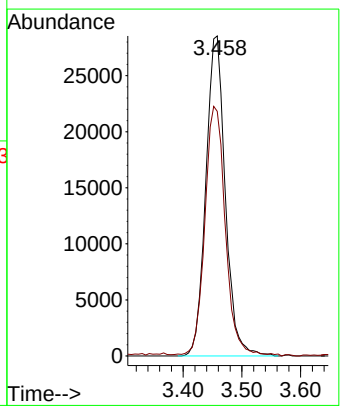
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

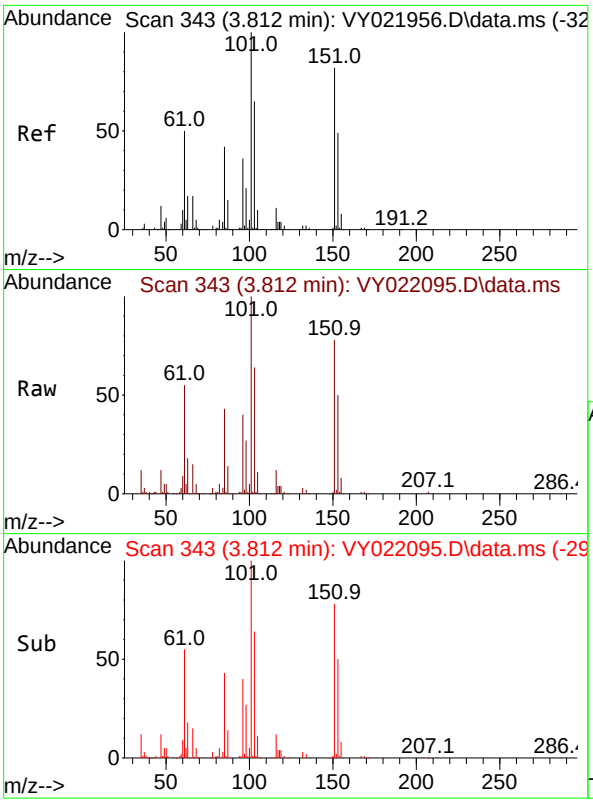


#8
Diethyl Ether
Concen: 42.745 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 74 Resp: 65627

Ion	Ratio	Lower	Upper
74	100		
45	80.8	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.342 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

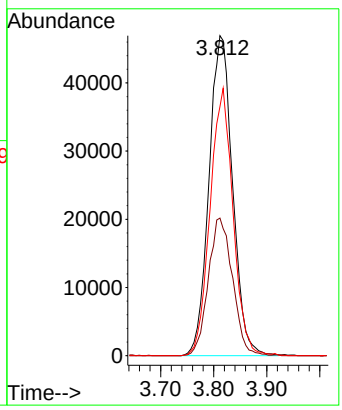
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

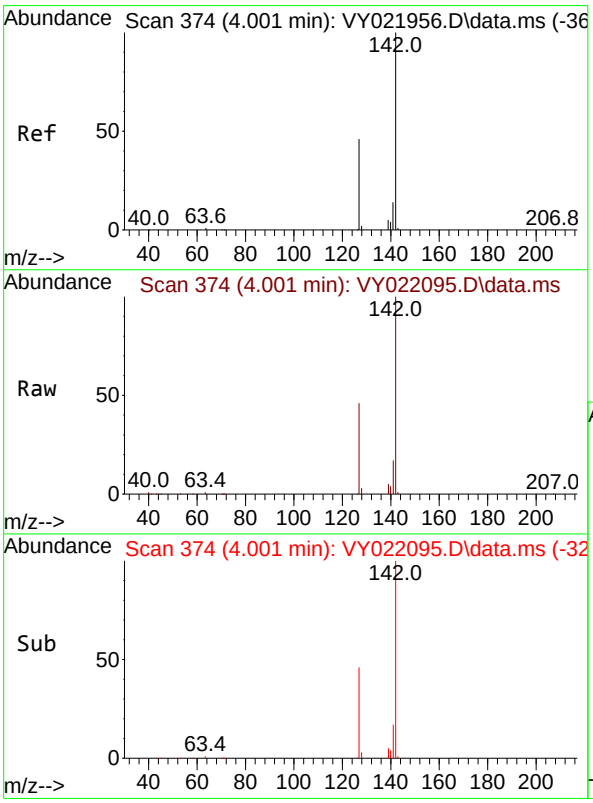
Tgt Ion:101 Resp: 14509

Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.6	51.8
151	81.4	63.7	95.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

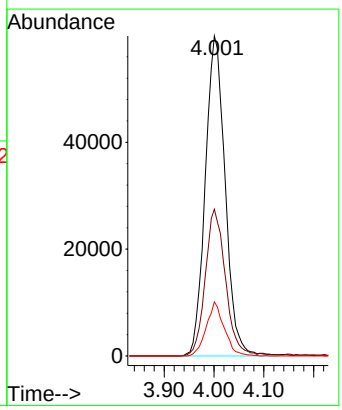


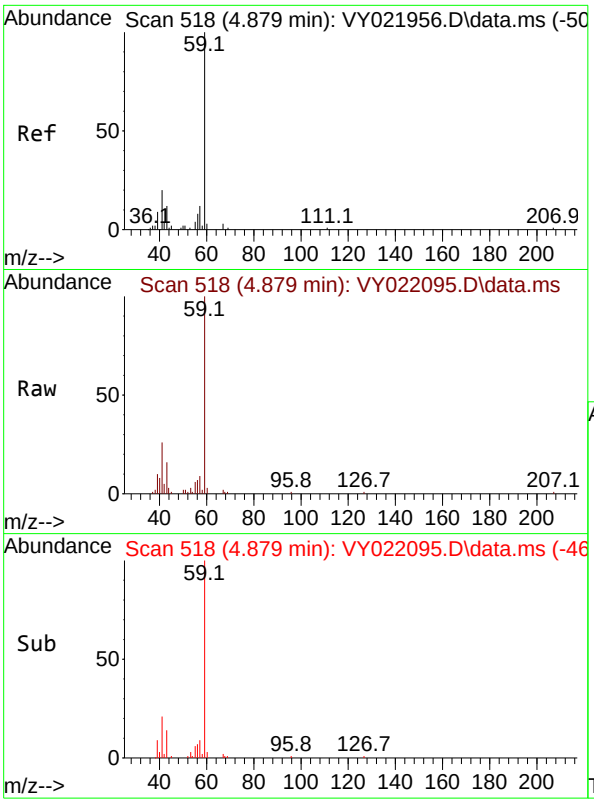


#10
Methyl Iodide
Concen: 44.860 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:142 Resp: 166199

Ion	Ratio	Lower	Upper
142	100		
127	46.8	36.2	54.2
141	15.2	11.7	17.5





#11
Tert butyl alcohol
Concen: 239.412 ug/l
RT: 4.879 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

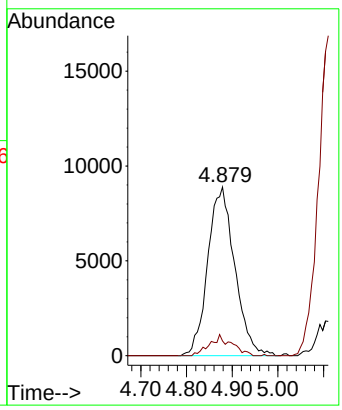
Tgt Ion: 59 Resp: 3642

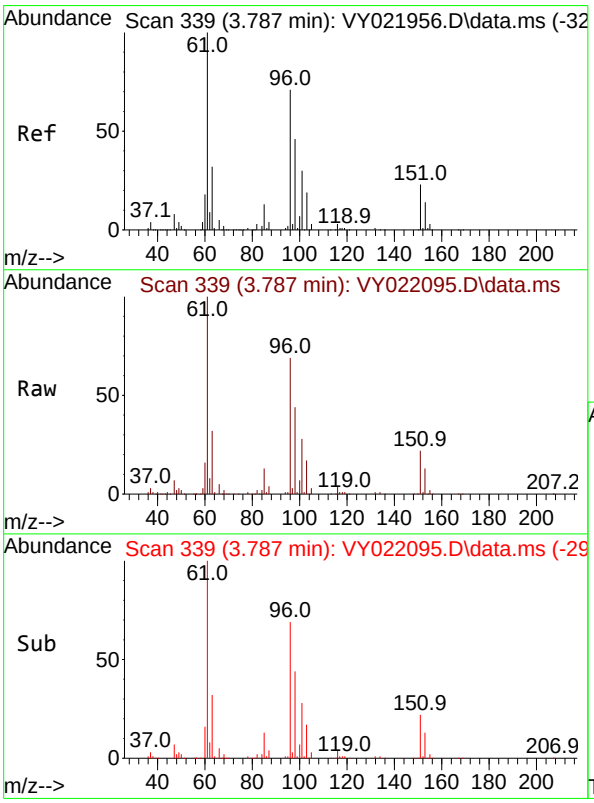
Ion	Ratio	Lower	Upper
59	100		
57	6.5	9.3	13.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

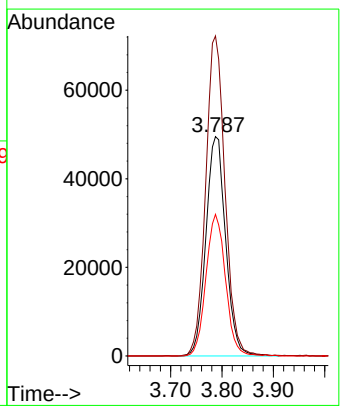


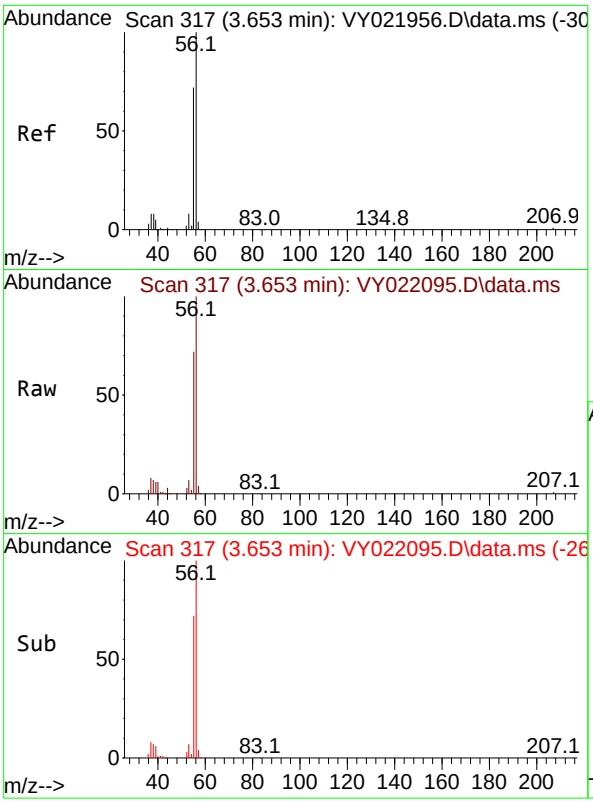


#12
1,1-Dichloroethene
Concen: 44.312 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 96 Resp: 132167

Ion	Ratio	Lower	Upper
96	100		
61	145.8	113.0	169.4
98	64.5	51.4	77.2

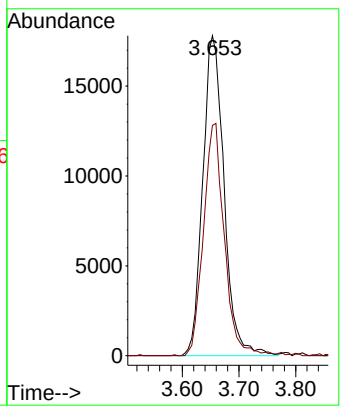




#13
Acrolein
Concen: 170.015 ug/l
RT: 3.653 min Scan# 3
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 56 Resp: 4642

Ion	Ratio	Lower	Upper
56	100		
55	71.0	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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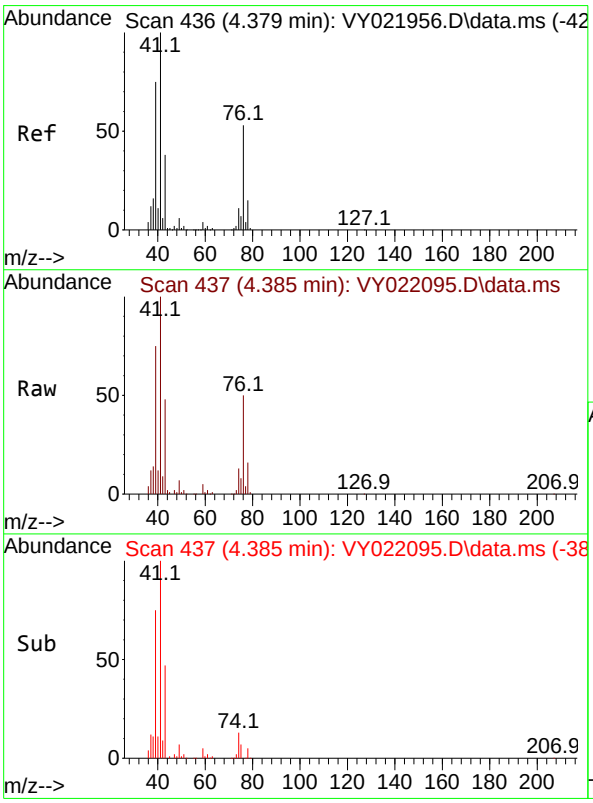
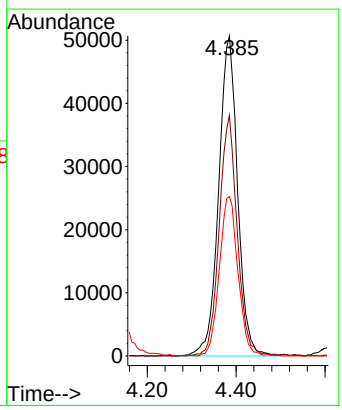
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

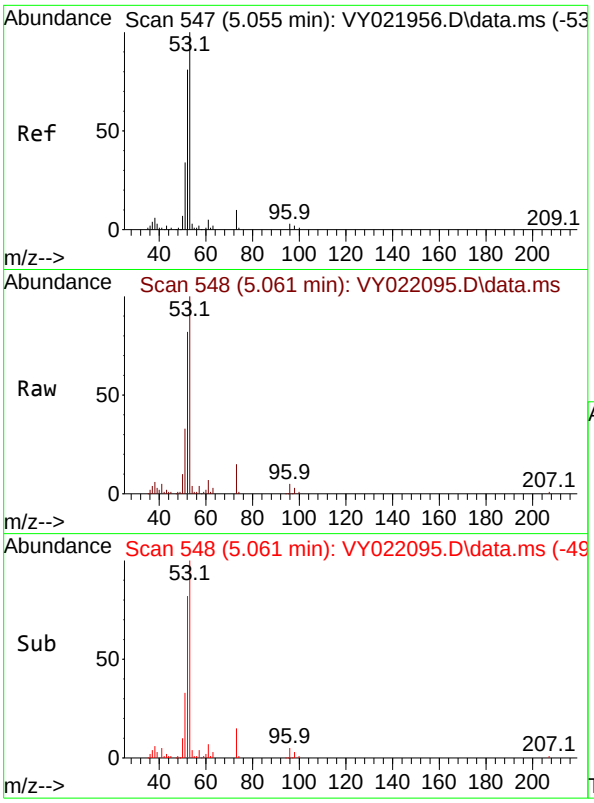


#14
Allyl chloride
Concen: 43.012 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 41 Resp: 149377

Ion	Ratio	Lower	Upper
41	100		
39	71.4	57.2	85.8
76	48.9	39.7	59.5

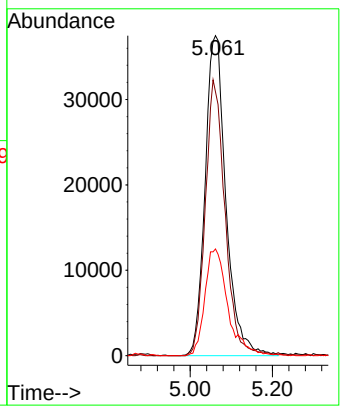




#15
Acrylonitrile
Concen: 234.690 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 53 Resp: 13191

Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.0	97.6
51	36.9	28.9	43.3



Instrument :
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VSTDCCC050

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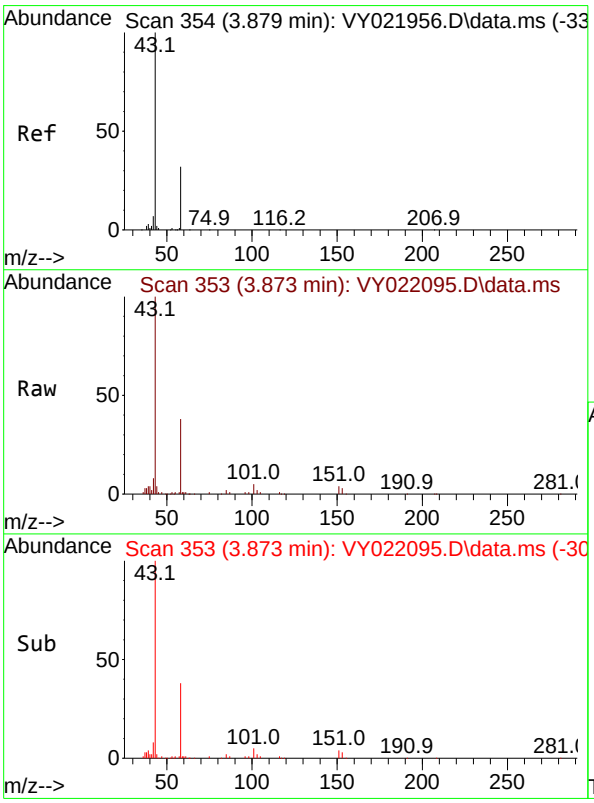
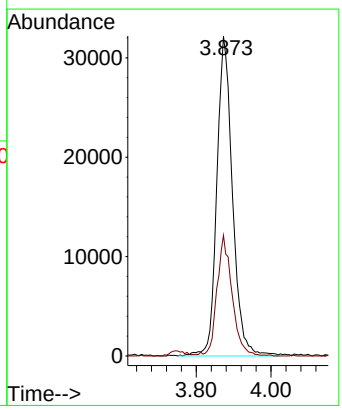
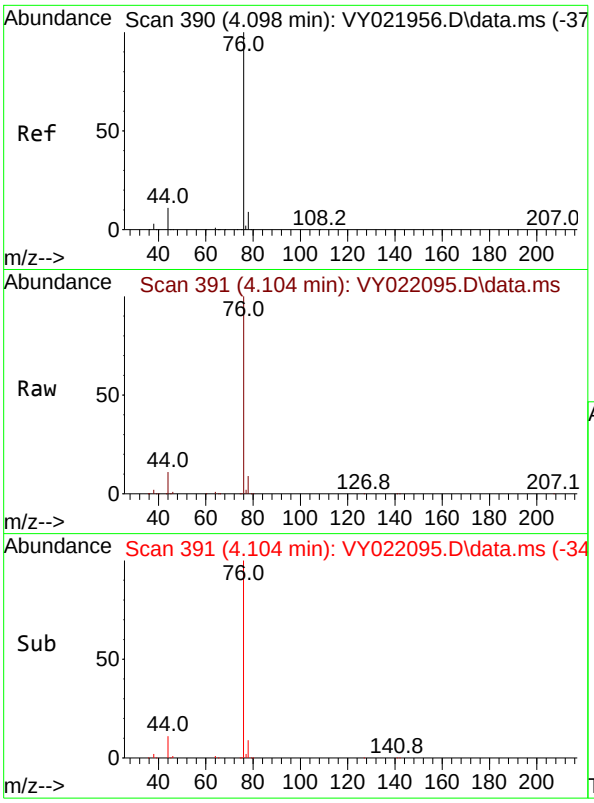


#16
Acetone
Concen: 258.562 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 93527

Ion	Ratio	Lower	Upper
43	100		
58	37.7	27.0	40.4

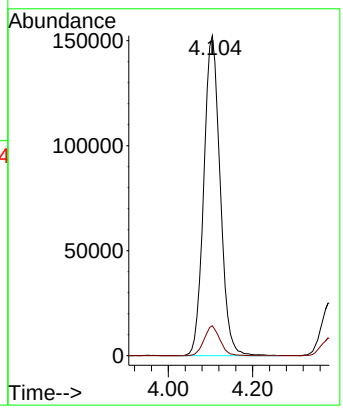




#17
Carbon Disulfide
Concen: 43.277 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 76 Resp: 41156

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.6	11.4



Instrument :
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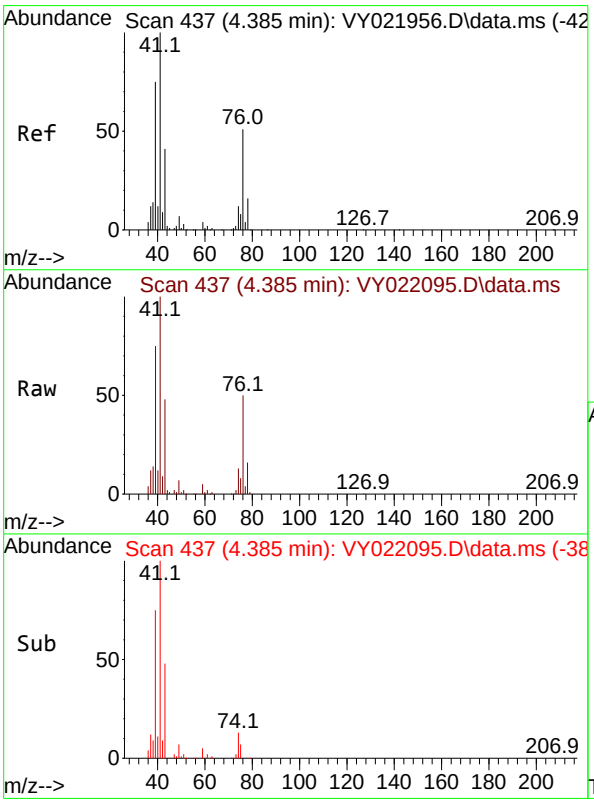
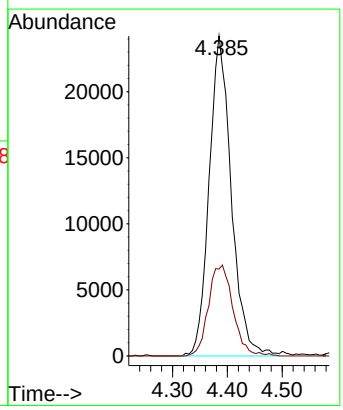
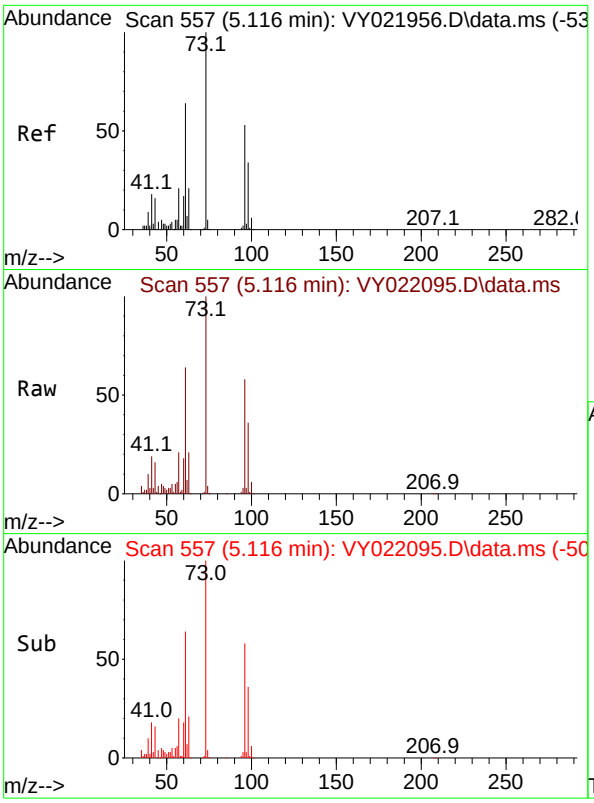


#18
Methyl Acetate
Concen: 52.440 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 67887

Ion	Ratio	Lower	Upper
43	100		
74	31.5	24.2	36.4

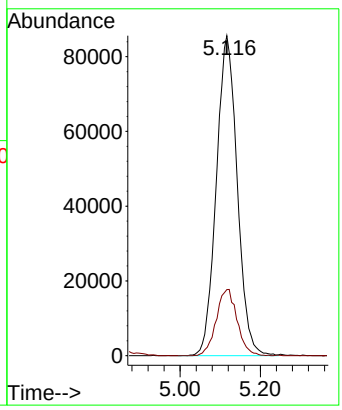




#19
Methyl tert-butyl Ether
Concen: 46.339 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 73 Resp: 30934

Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.9	25.3



Instrument :
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ClientSampleId :
VSTDCCC050

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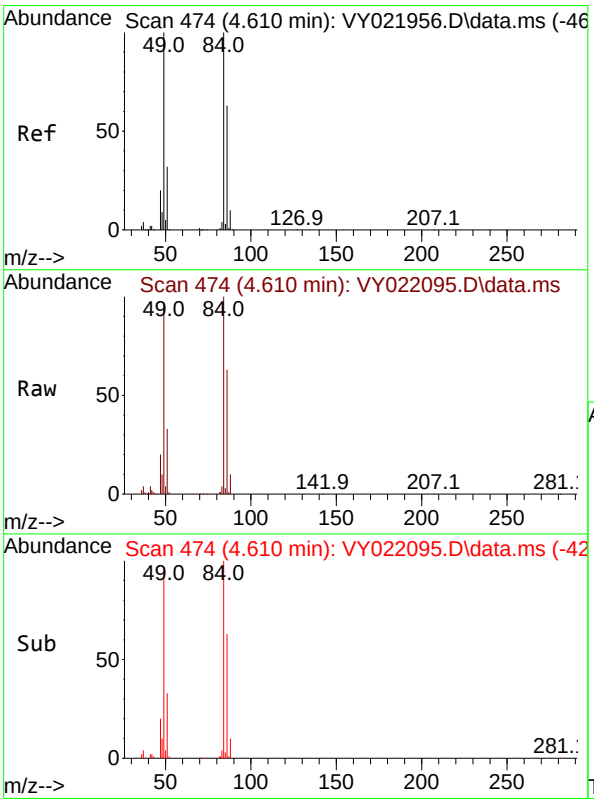
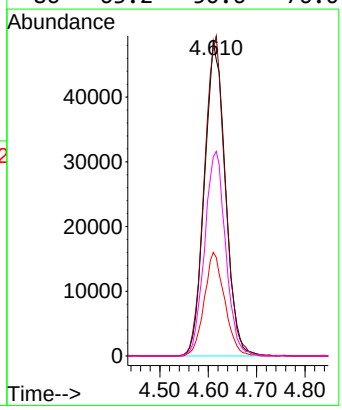
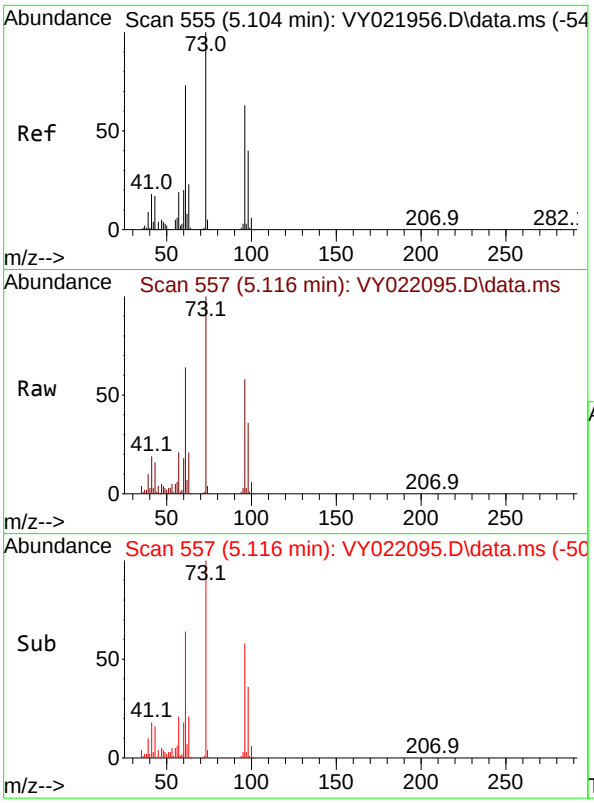


#20
Methylene Chloride
Concen: 41.790 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 84 Resp: 146445

Ion	Ratio	Lower	Upper
84	100		
49	97.5	79.9	119.9
51	32.9	25.4	38.0
86	63.2	50.6	76.0

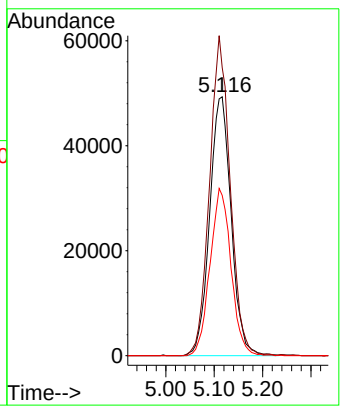




#21
trans-1,2-Dichloroethene
Concen: 45.652 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 96 Resp: 15249

Ion	Ratio	Lower	Upper
96	100		
61	111.3	92.6	138.8
98	62.0	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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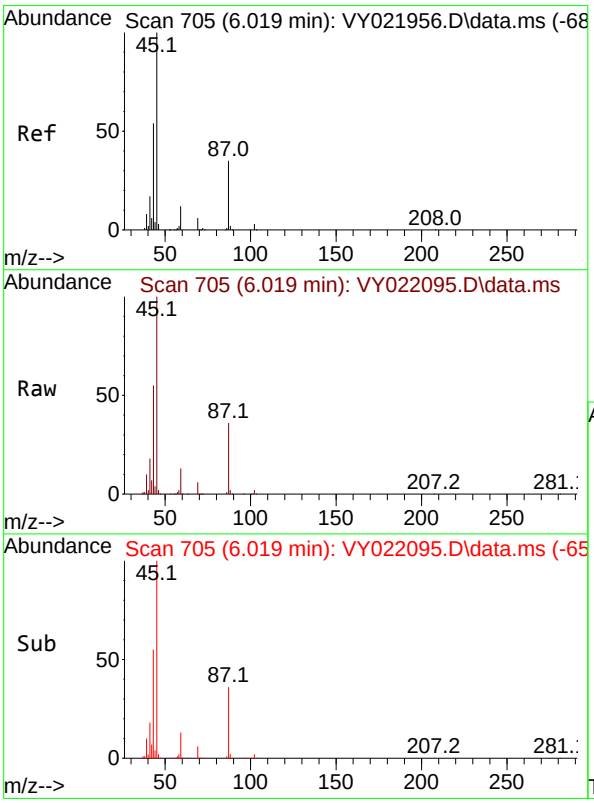
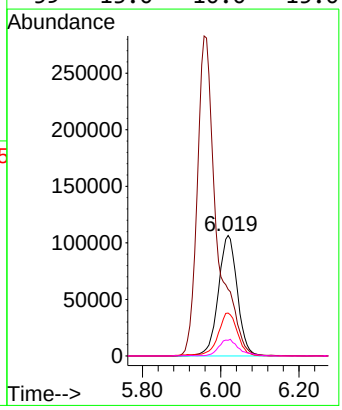
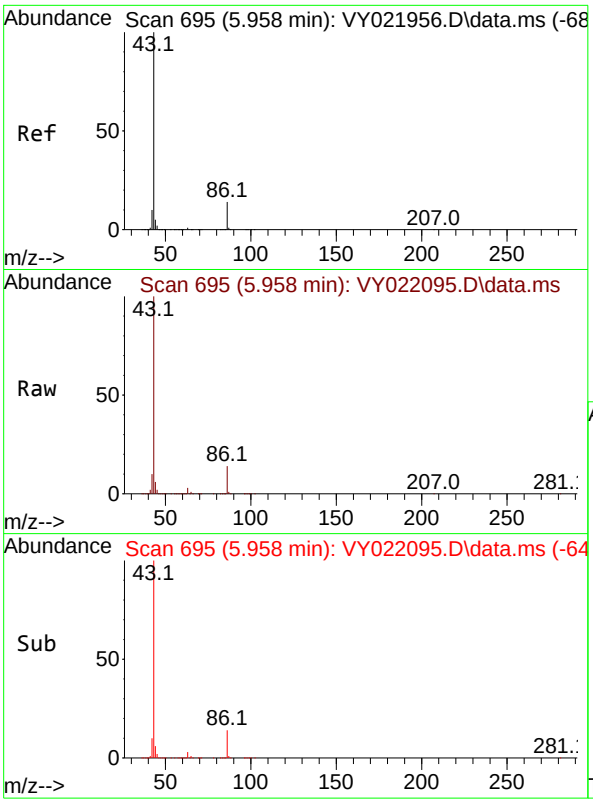


#22
Diisopropyl ether
Concen: 46.406 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 45 Resp: 358660

Ion	Ratio	Lower	Upper
45	100		
43	54.9	43.6	65.4
87	35.5	28.2	42.4
59	13.0	10.0	15.0

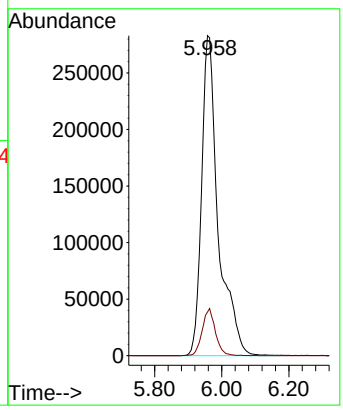




#23
Vinyl Acetate
Concen: 233.397 ug/l
RT: 5.958 min Scan# 6
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 97215

Ion	Ratio	Lower	Upper
43	100		
86	13.7	11.1	16.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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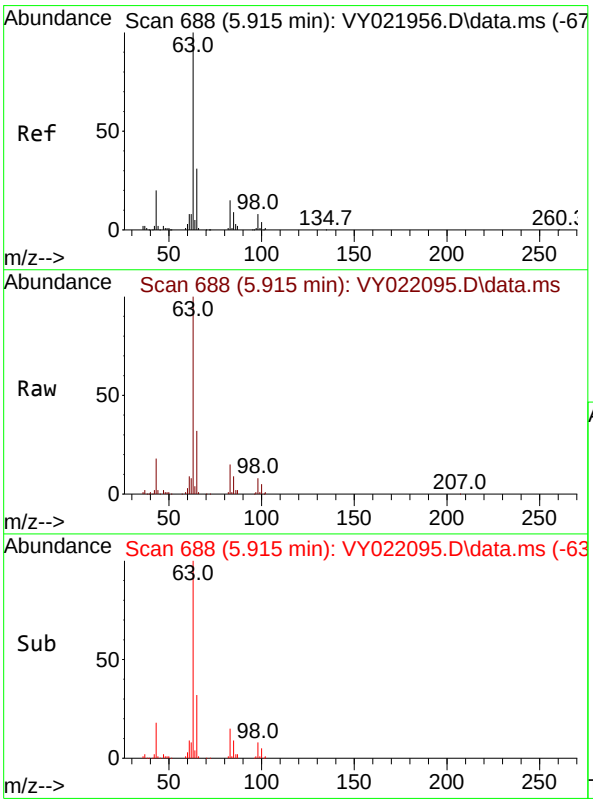
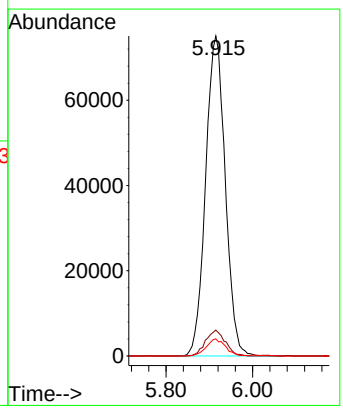
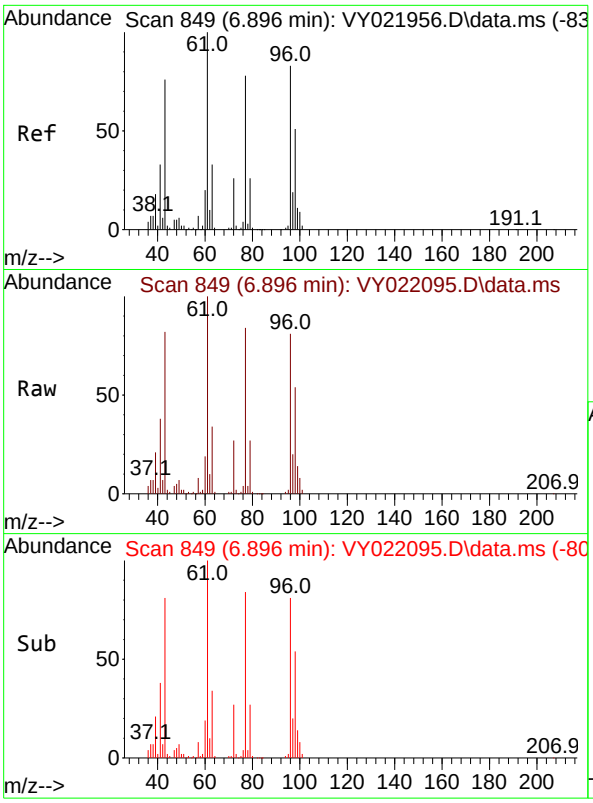


#24
1,1-Dichloroethane
Concen: 44.117 ug/l
RT: 5.915 min Scan# 688
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 63 Resp: 236343

Ion	Ratio	Lower	Upper
63	100		
98	8.1	4.0	11.9
100	5.4	2.0	6.0





#25
2-Butanone
Concen: 237.416 ug/l
RT: 6.896 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 14997

Ion	Ratio	Lower	Upper
43	100		
72	33.6	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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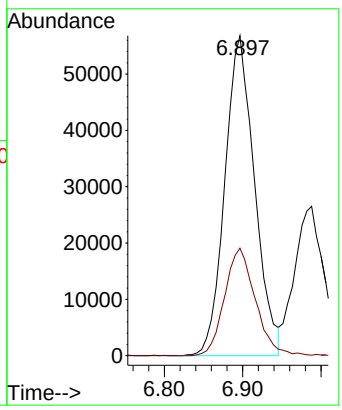
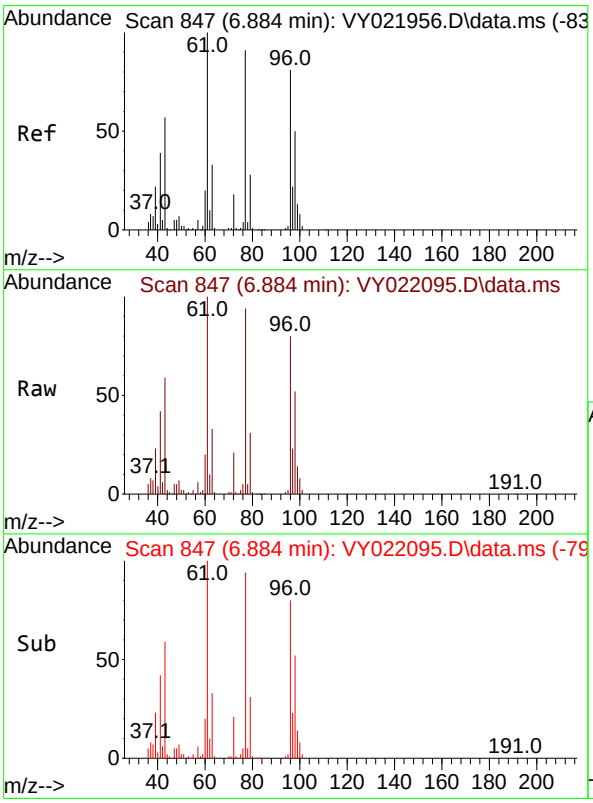
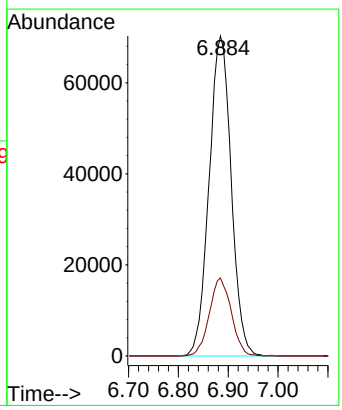


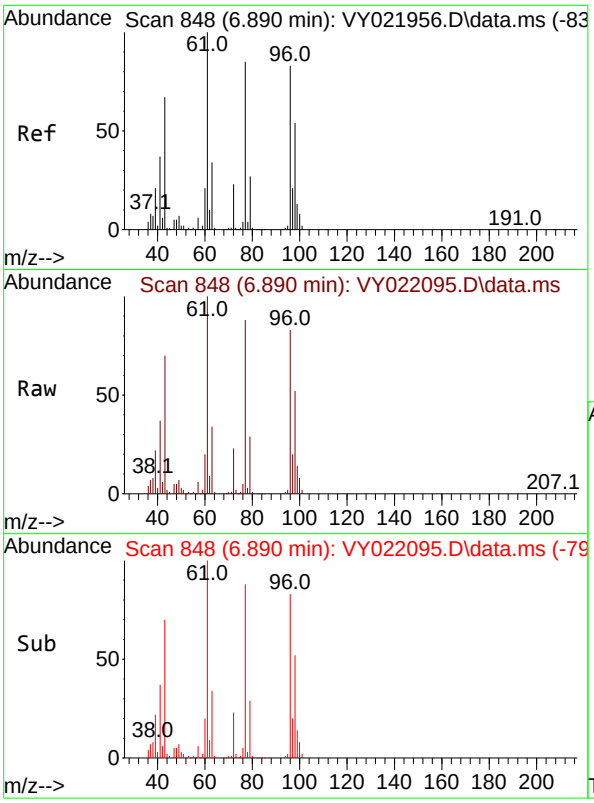


#26
2,2-Dichloropropane
Concen: 46.061 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 77 Resp: 216277

Ion	Ratio	Lower	Upper
77	100		
97	24.2	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 45.794 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 96 Resp: 17104

Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	251.4
98	64.4	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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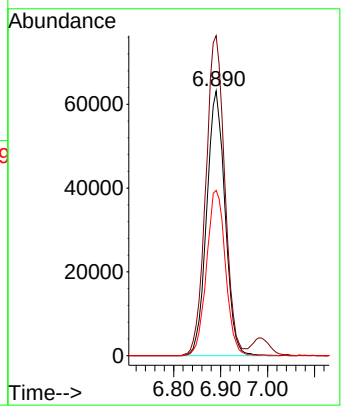
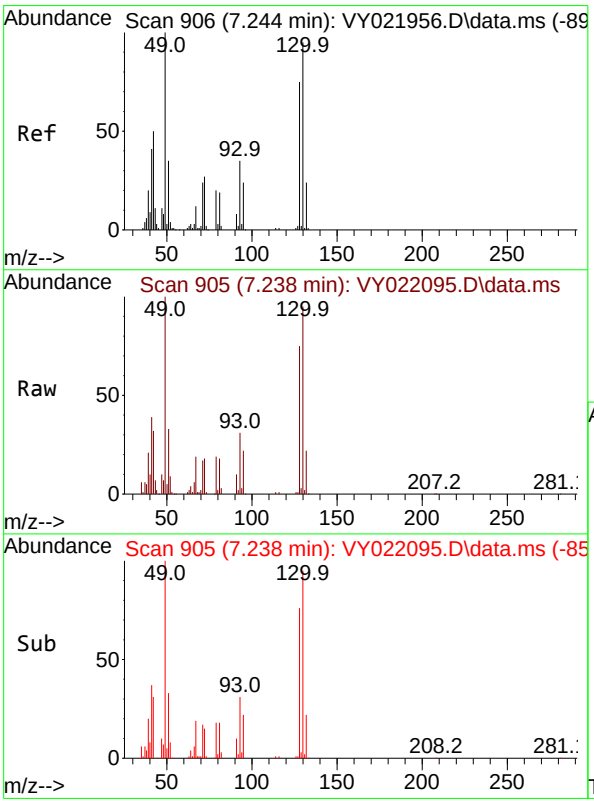
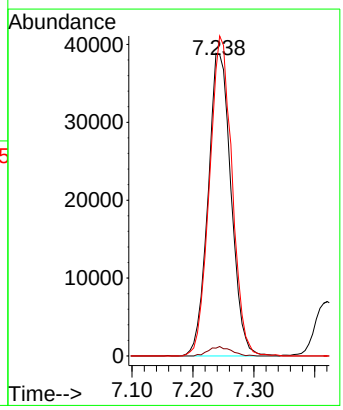


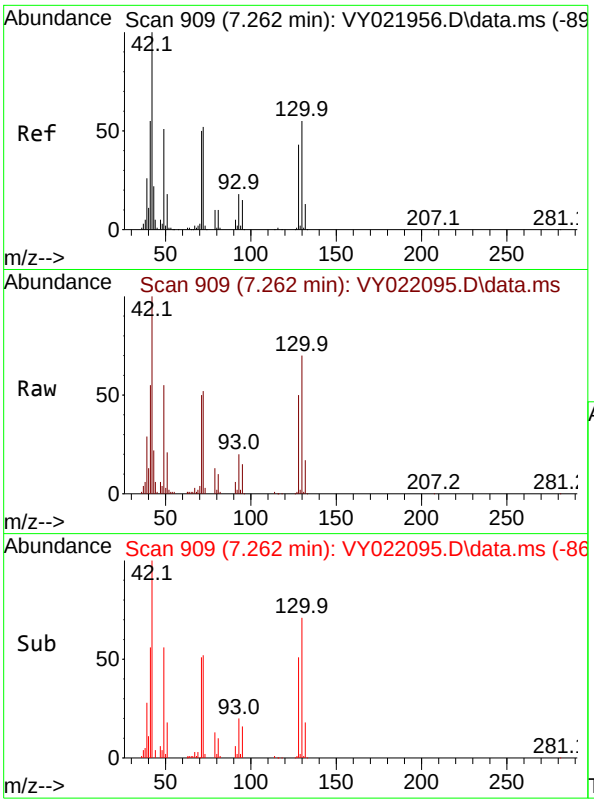


#28
Bromochloromethane
Concen: 49.056 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 49 Resp: 102077

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	103.3	78.2	117.4

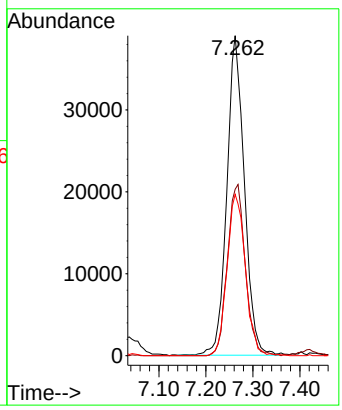




#29
Tetrahydrofuran
Concen: 245.385 ug/l
RT: 7.262 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 42 Resp: 10067

Ion	Ratio	Lower	Upper
42	100		
72	55.1	42.6	63.8
71	53.0	40.6	61.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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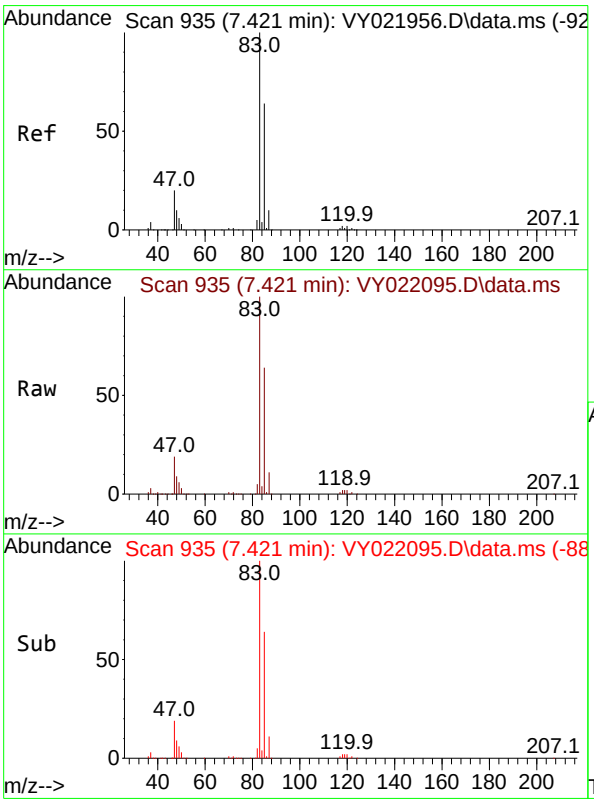
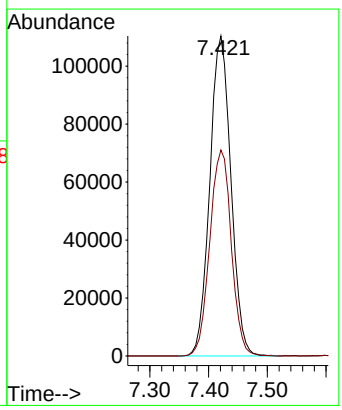
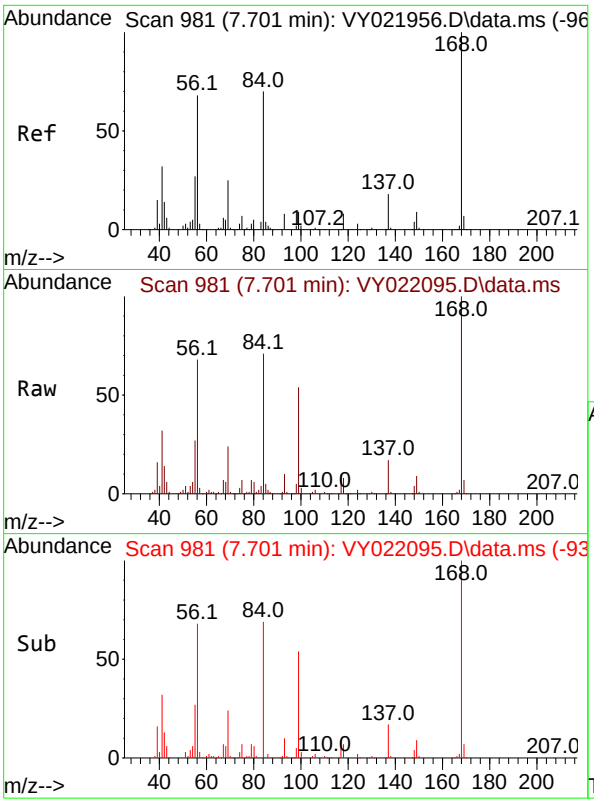


#30
Chloroform
Concen: 46.403 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 83 Resp: 275742

Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.3	76.9





#31
Cyclohexane
Concen: 43.571 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

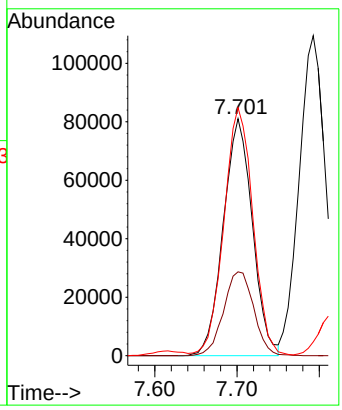
Tgt Ion: 56 Resp: 19960

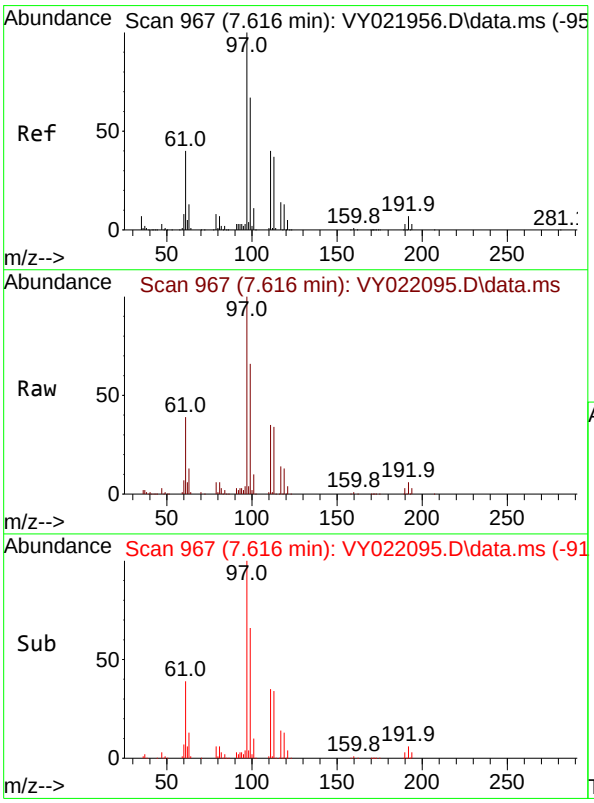
Ion	Ratio	Lower	Upper
56	100		
69	35.4	29.4	44.2
84	103.2	82.2	123.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

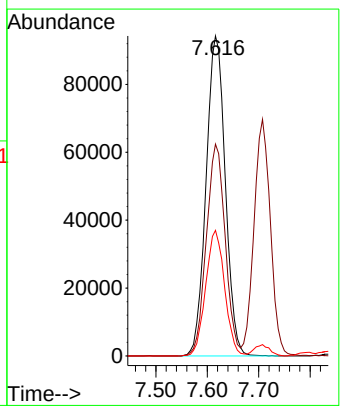


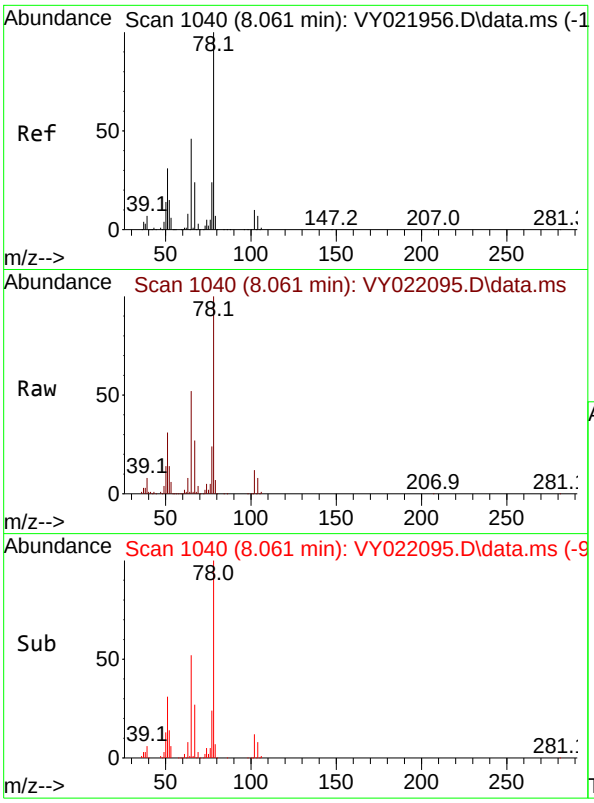


#32
1,1,1-Trichloroethane
Concen: 45.518 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 97 Resp: 244709

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.2
61	38.8	31.4	47.2

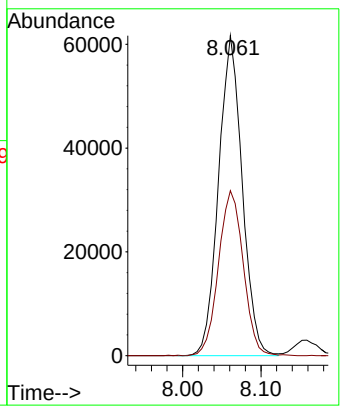




#33
1,2-Dichloroethane-d4
Concen: 46.711 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 65 Resp: 12945

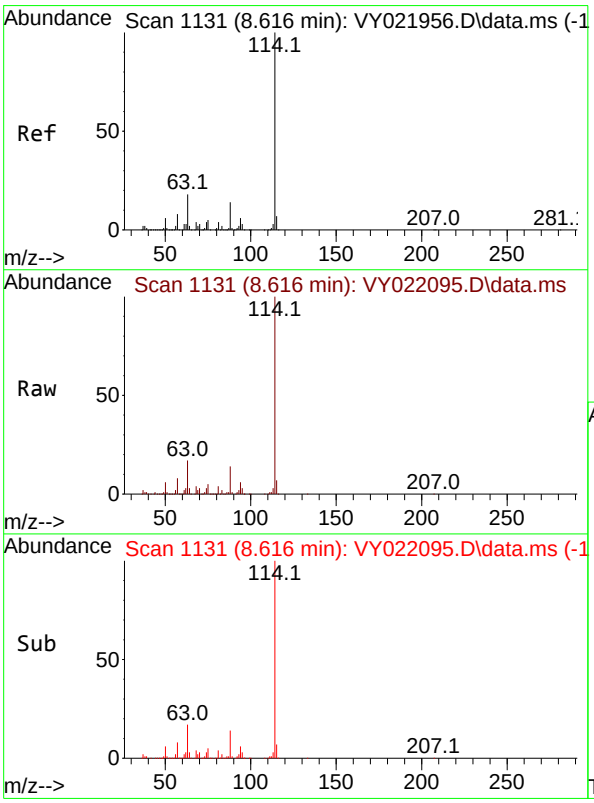
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

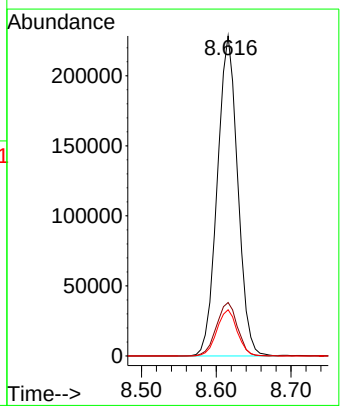
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

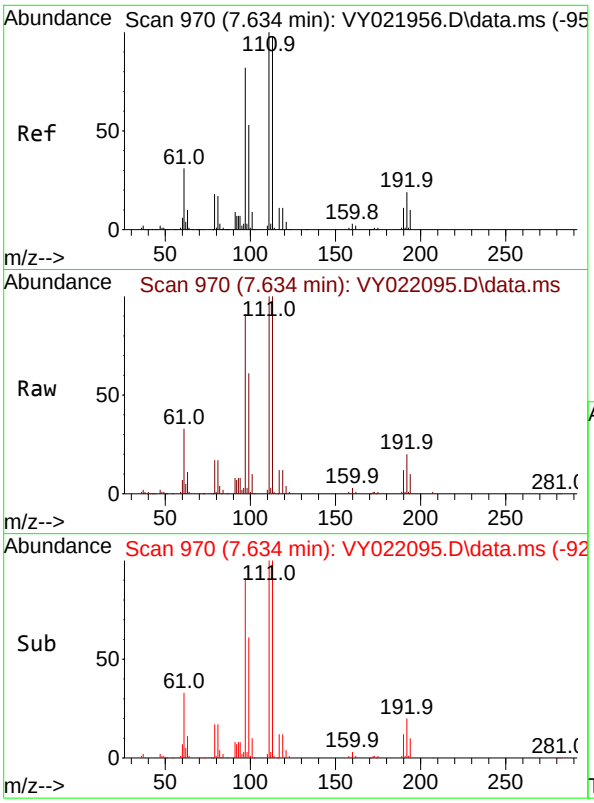


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:114 Resp: 433614

Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	35.4
88	14.5	0.0	28.2





#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:113 Resp: 14536

Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.8	122.8
192	20.2	15.6	23.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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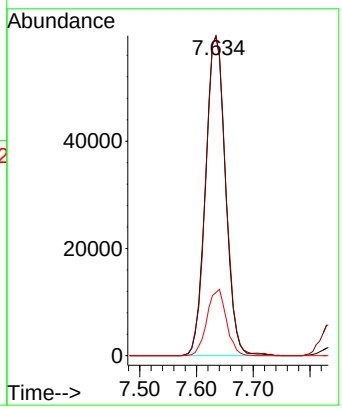
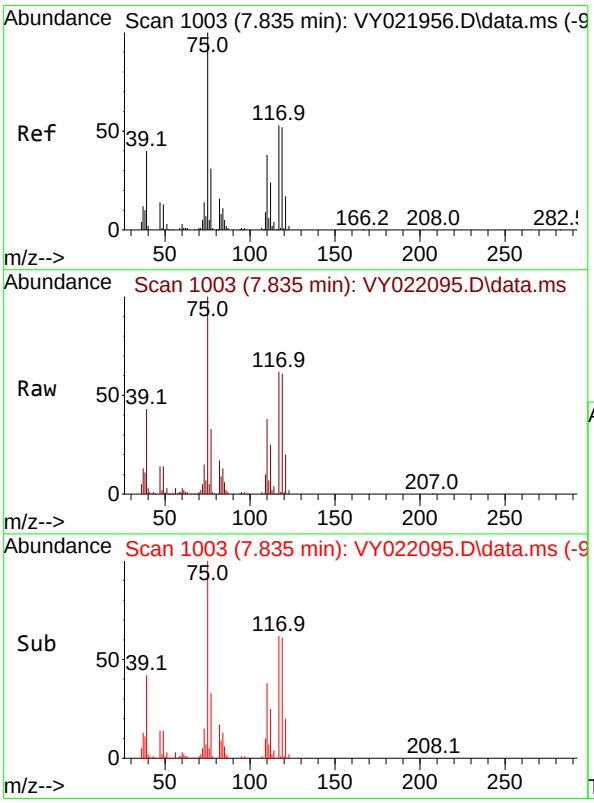
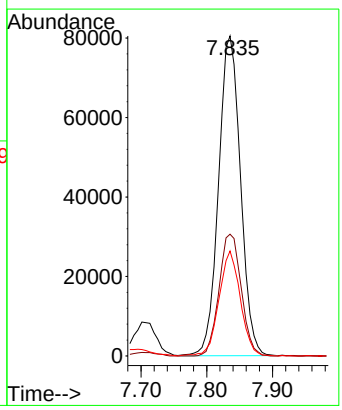


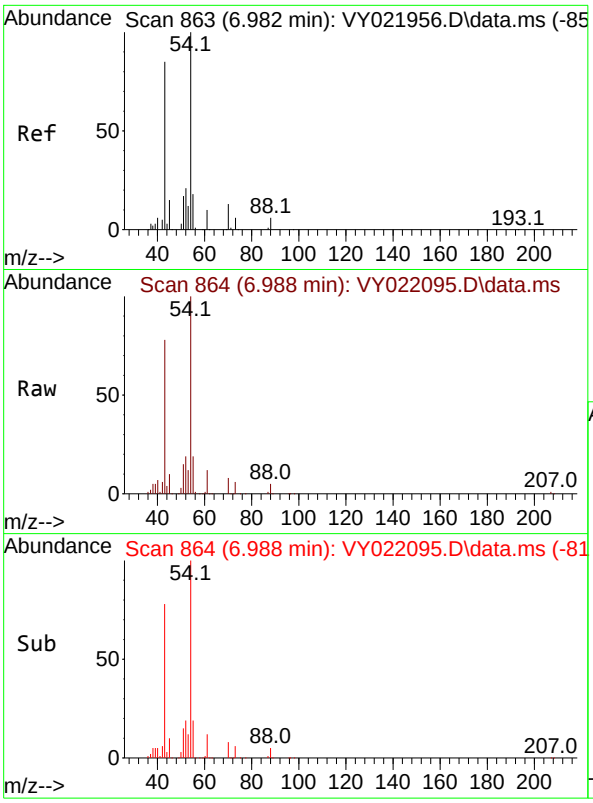


#36
1,1-Dichloropropene
Concen: 48.590 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 186977

Ion	Ratio	Lower	Upper
75	100		
110	38.5	19.1	57.3
77	32.0	25.5	38.3





#37
Ethyl Acetate
Concen: 51.230 ug/l
RT: 6.988 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 7080

Ion	Ratio	Lower	Upper
43	100		
61	15.6	13.8	20.6
70	12.5	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/05/2025
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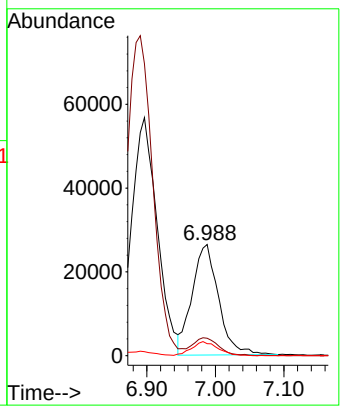
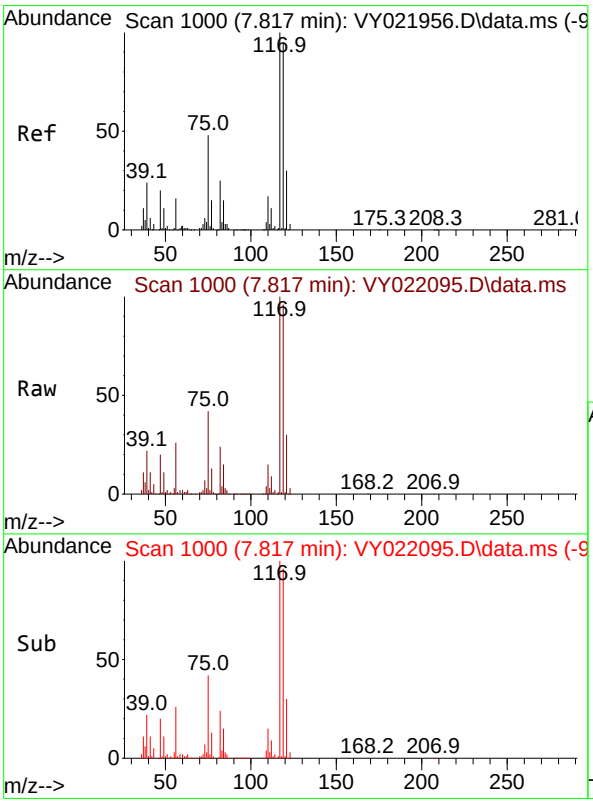
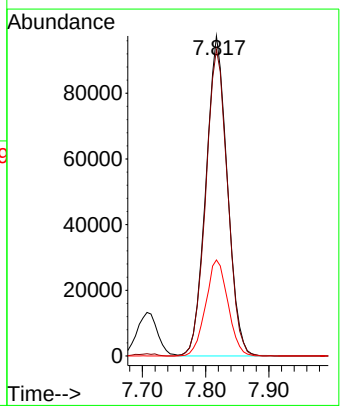


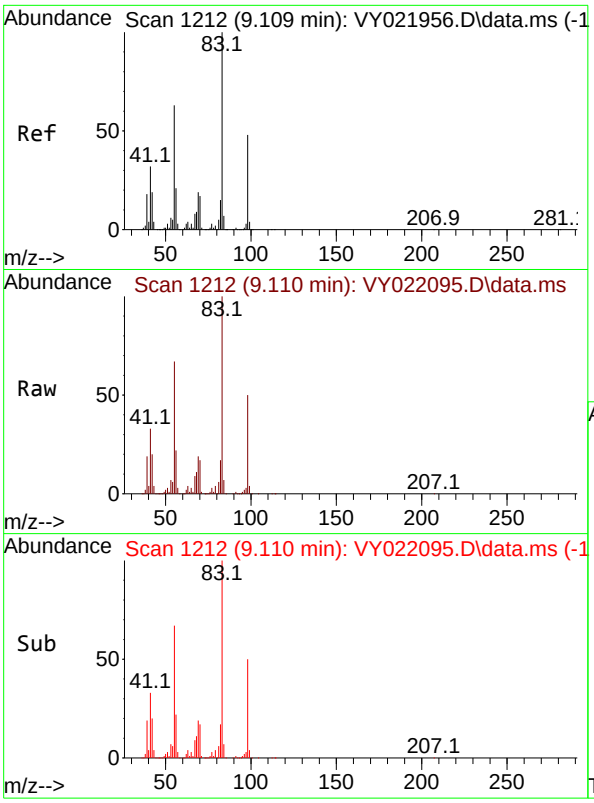


#38
Carbon Tetrachloride
Concen: 49.824 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:117 Resp: 229097

Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.2	114.4
121	30.0	24.0	36.0





#39
Methylcyclohexane
Concen: 49.231 ug/l
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 83 Resp: 23840

Ion	Ratio	Lower	Upper
83	100		
55	67.1	50.6	75.8
98	50.2	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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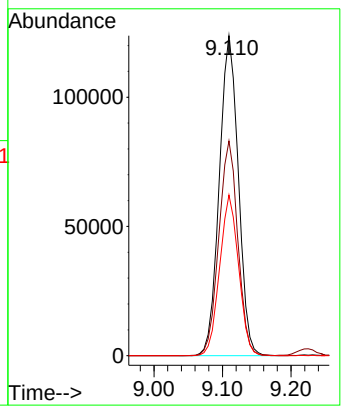
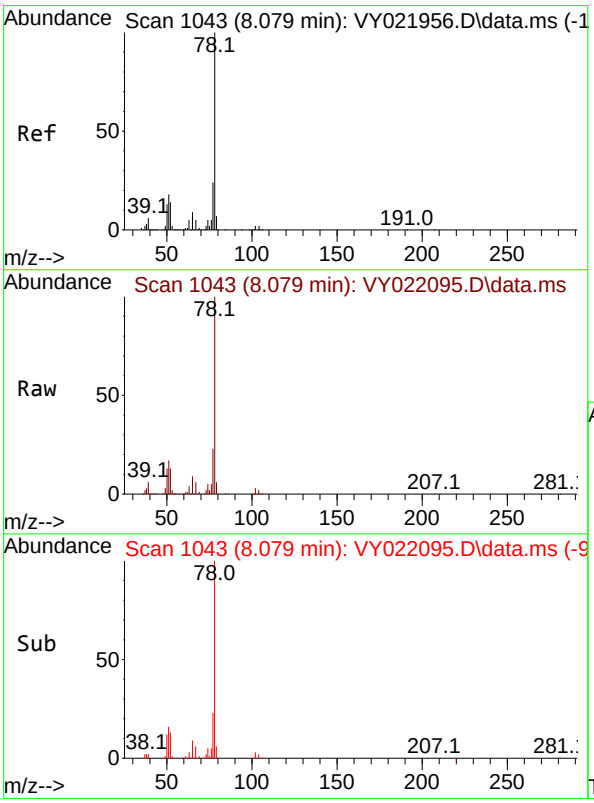
Supervised By :Mahesh Dadoda 05/05/2025

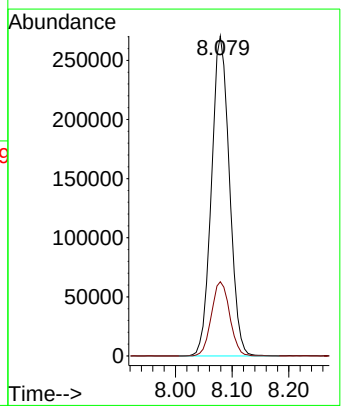


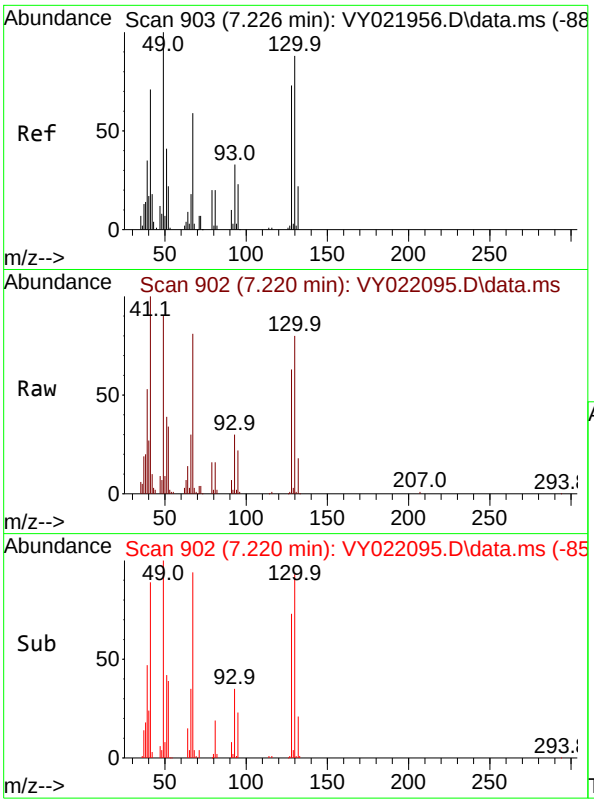


#40
Benzene
Concen: 49.378 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 78 Resp: 593961

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9

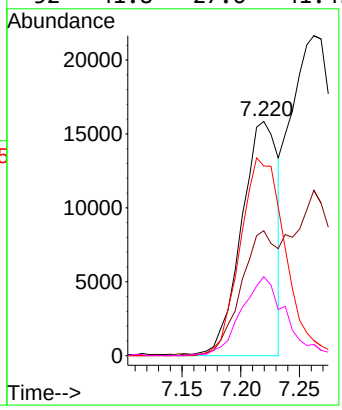




#41
Methacrylonitrile
Concen: 45.180 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 41 Resp: 3413

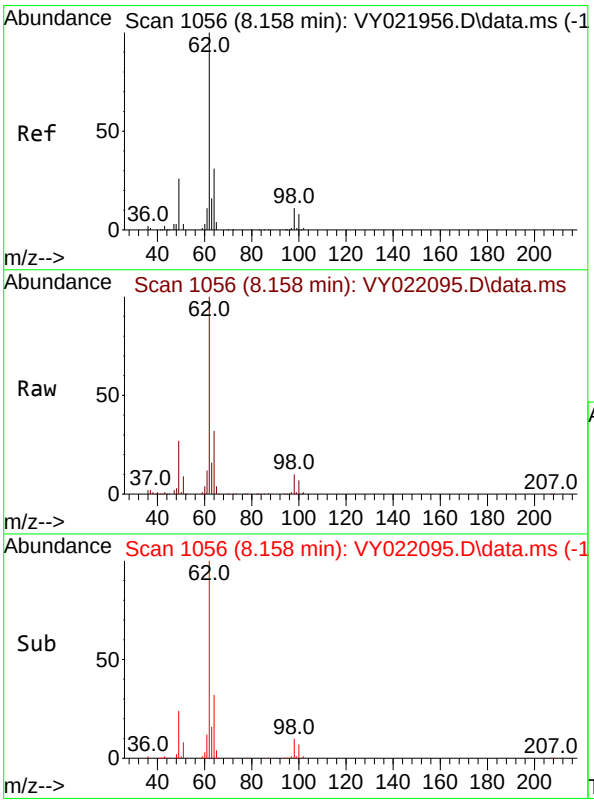
Ion	Ratio	Lower	Upper
41	100		
39	53.5	36.6	55.0
67	105.7	72.2	108.4
52	41.8	27.6	41.4#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

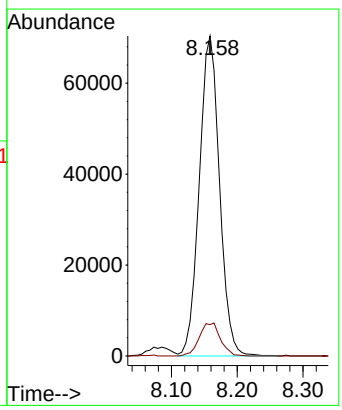
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

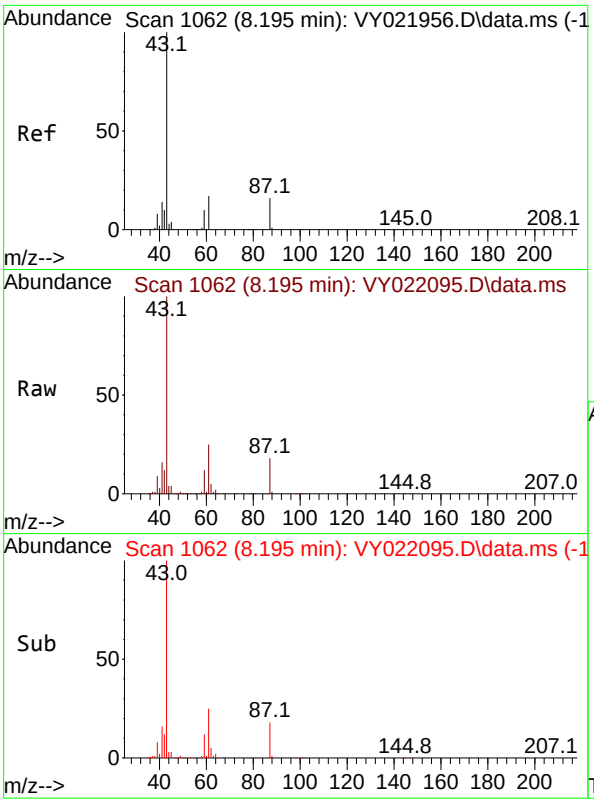


#42
1,2-Dichloroethane
Concen: 50.652 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 62 Resp: 150849

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0





#43
Isopropyl Acetate
Concen: 49.331 ug/l
RT: 8.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 13092

Ion	Ratio	Lower	Upper
43	100		
61	23.9	18.9	28.3
87	17.4	13.7	20.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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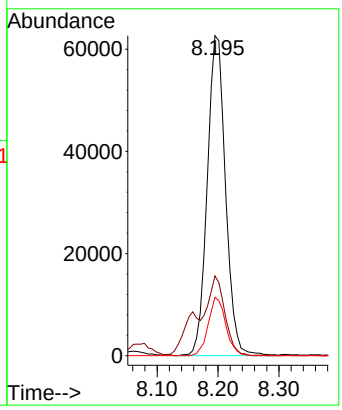
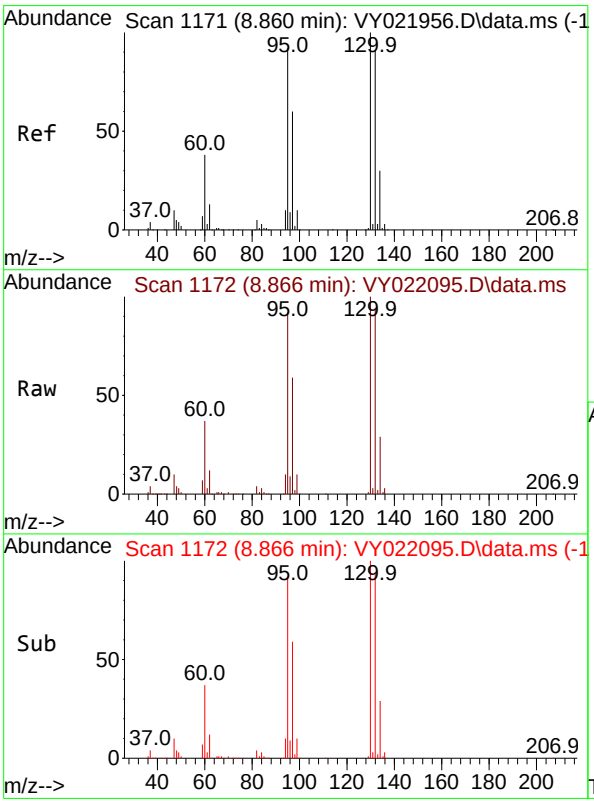
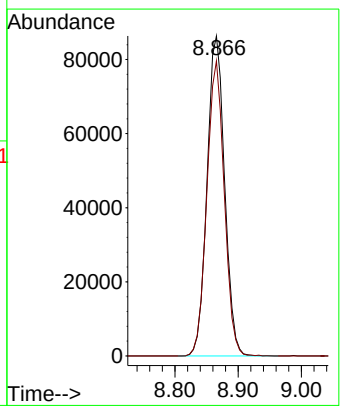


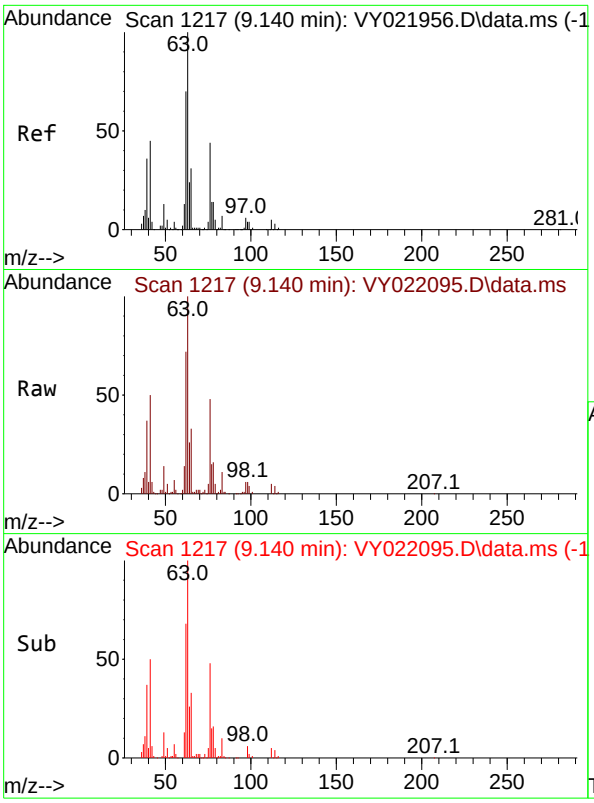


#44
Trichloroethene
Concen: 50.105 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:130 Resp: 166940

Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	183.2





#45
1,2-Dichloropropane
Concen: 49.528 ug/l
RT: 9.140 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 63 Resp: 13174

Ion	Ratio	Lower	Upper
63	100		
65	33.2	25.2	37.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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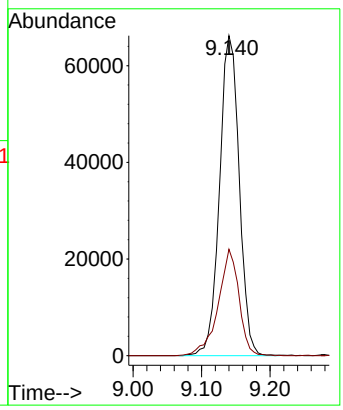
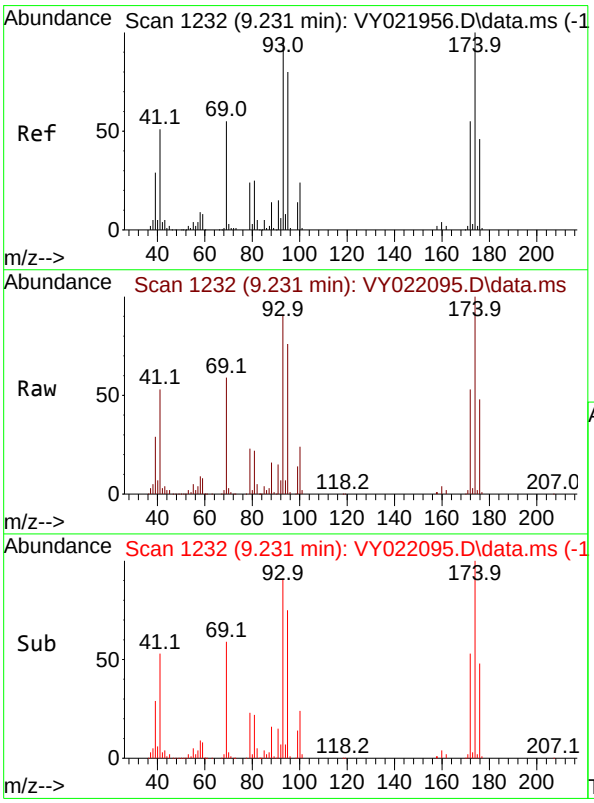
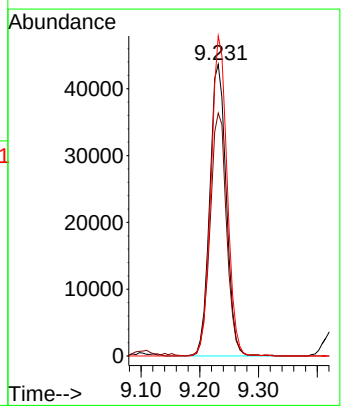


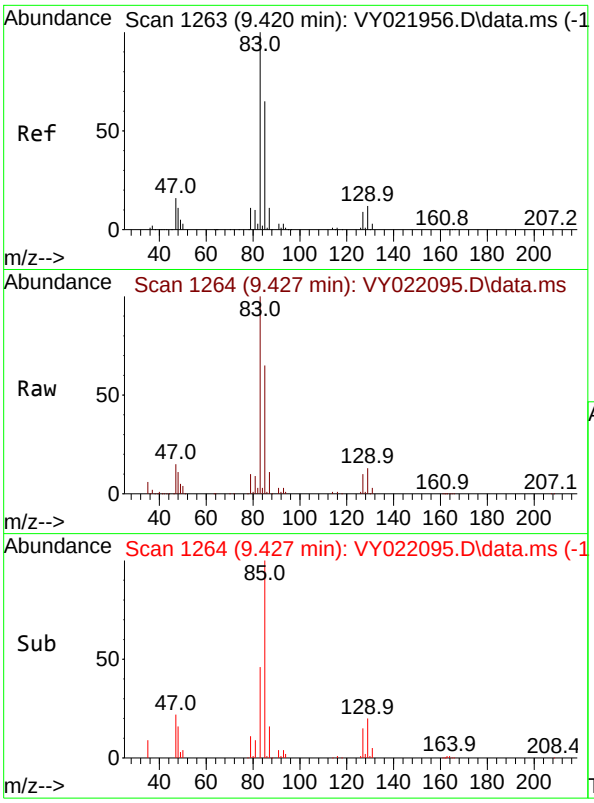


#46
Dibromomethane
Concen: 51.032 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 93 Resp: 84979

Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.7	100.1
174	107.2	84.6	127.0

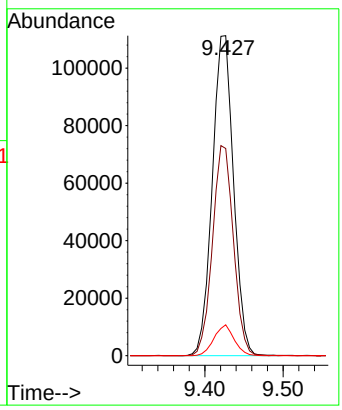




#47
Bromodichloromethane
Concen: 50.411 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 83 Resp: 20970

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.8
127	9.7	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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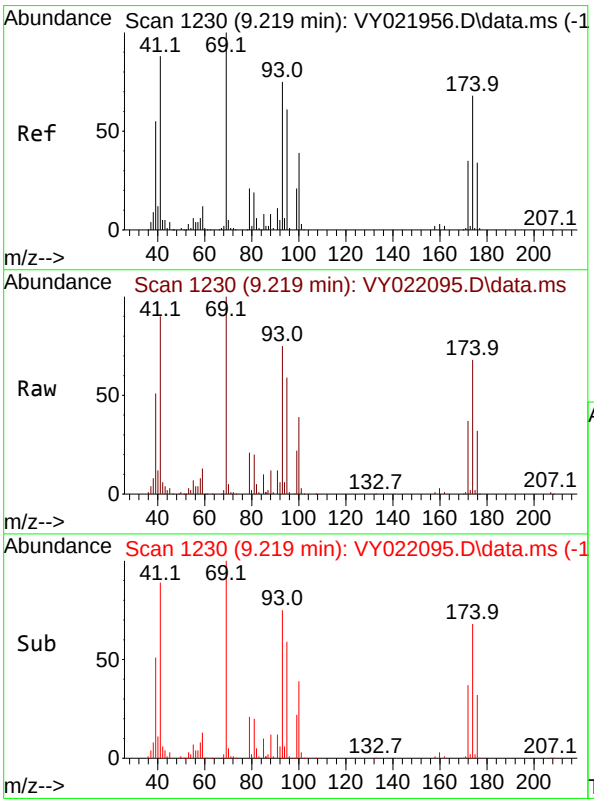
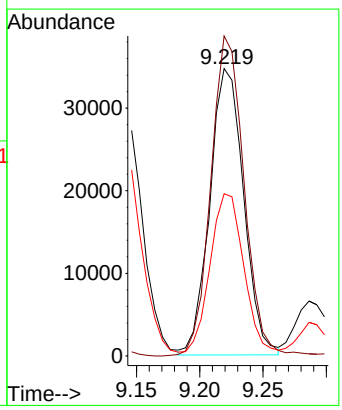
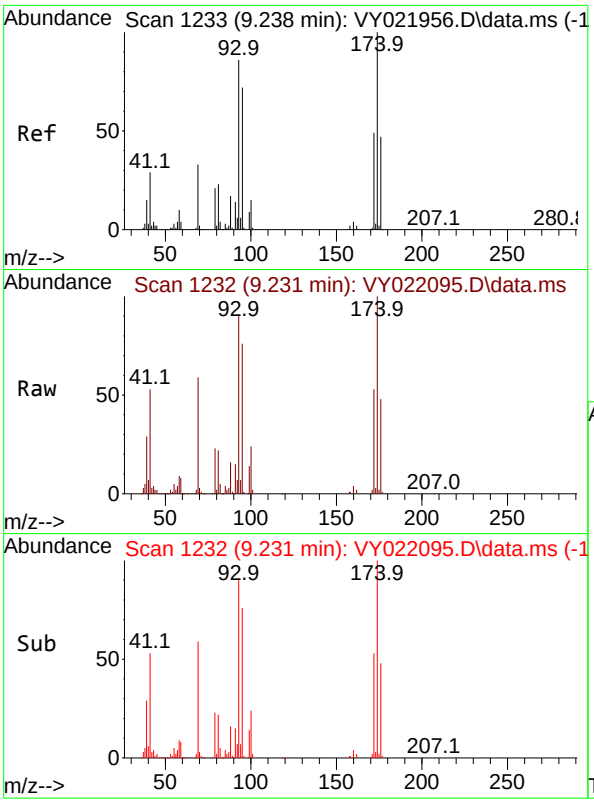


#48
Methyl methacrylate
Concen: 52.563 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 41 Resp: 64491

Ion	Ratio	Lower	Upper
41	100		
69	109.9	85.5	128.3
39	54.7	46.2	69.4

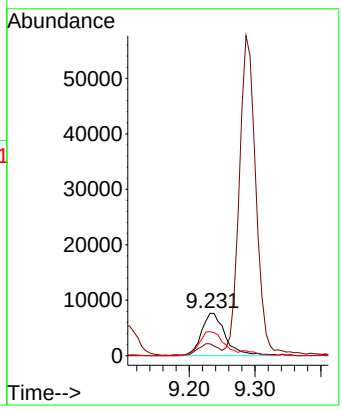




#49
1,4-Dioxane
Concen: 1098.297 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 88 Resp: 1949

Ion	Ratio	Lower	Upper
88	100		
43	21.4	21.3	31.9
58	56.4	50.5	75.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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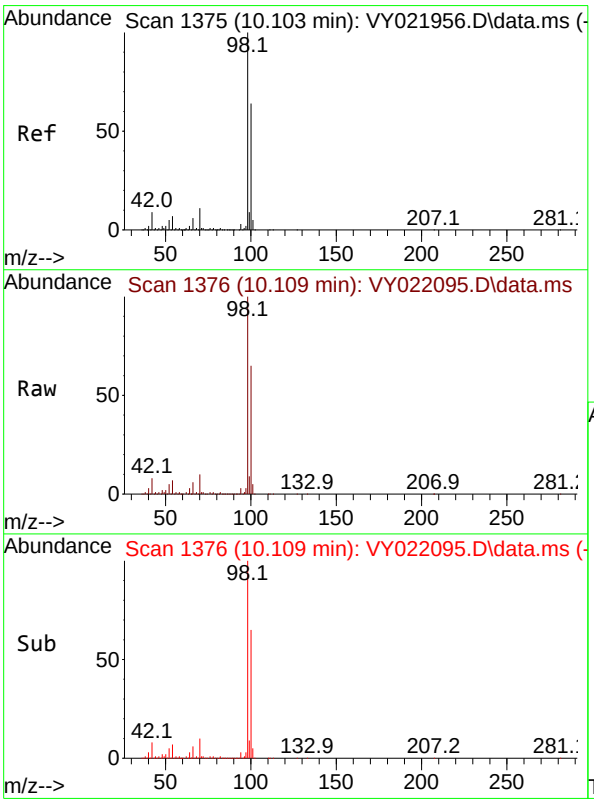
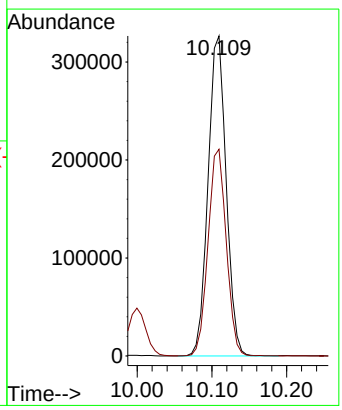
Supervised By :Mahesh Dadoda 05/05/2025

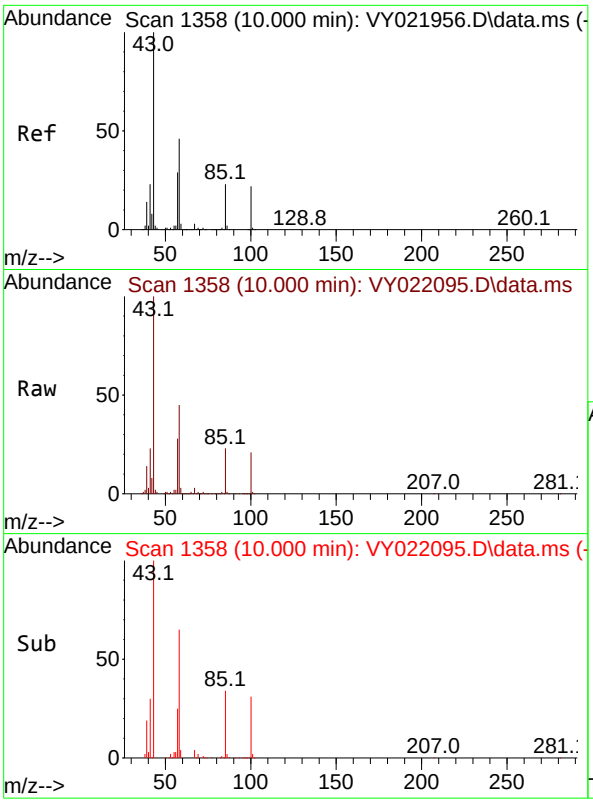


#50
Toluene-d8
Concen: 50.988 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 98 Resp: 550662

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.6	77.4

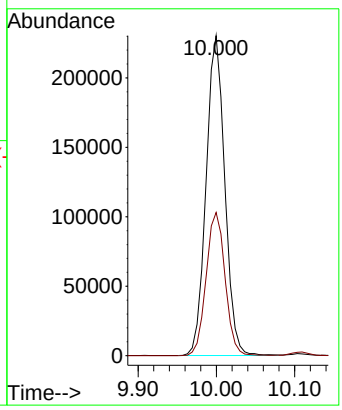




#51
4-Methyl-2-Pentanone
Concen: 274.117 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 38137

Ion	Ratio	Lower	Upper
43	100		
58	45.5	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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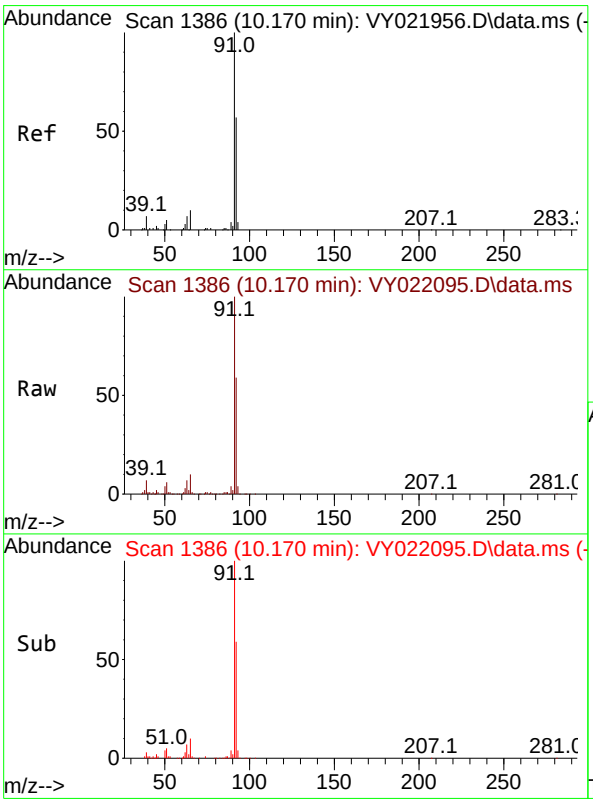
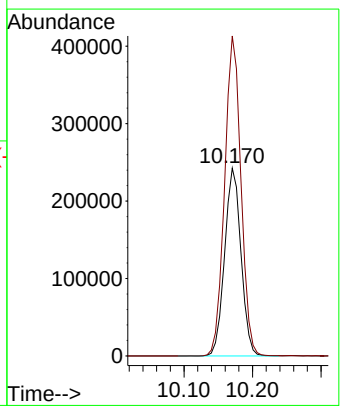
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

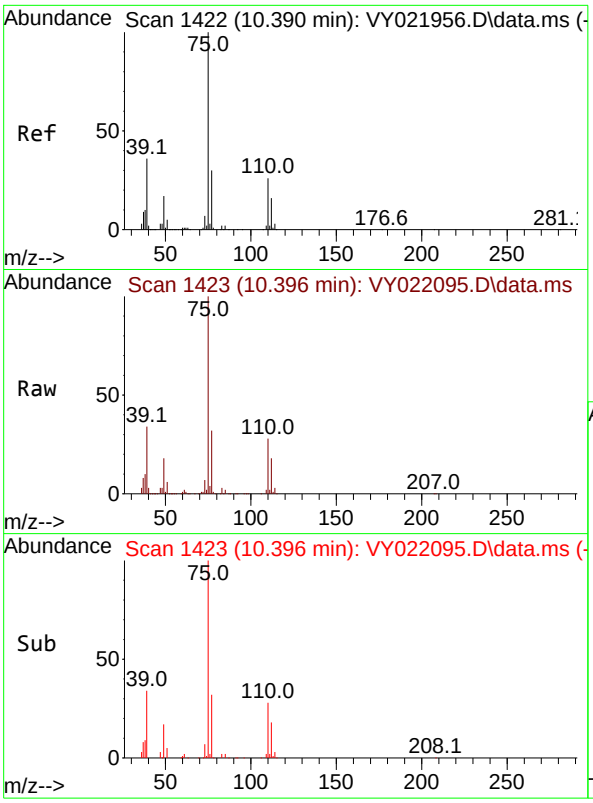


#52
Toluene
Concen: 51.517 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 92 Resp: 401133

Ion	Ratio	Lower	Upper
92	100		
91	170.4	138.6	207.8





#53
t-1,3-Dichloropropene
Concen: 50.528 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 18029

Ion	Ratio	Lower	Upper
75	100		
77	32.2	24.0	36.0

Instrument :
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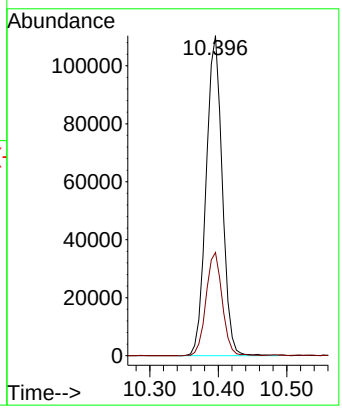
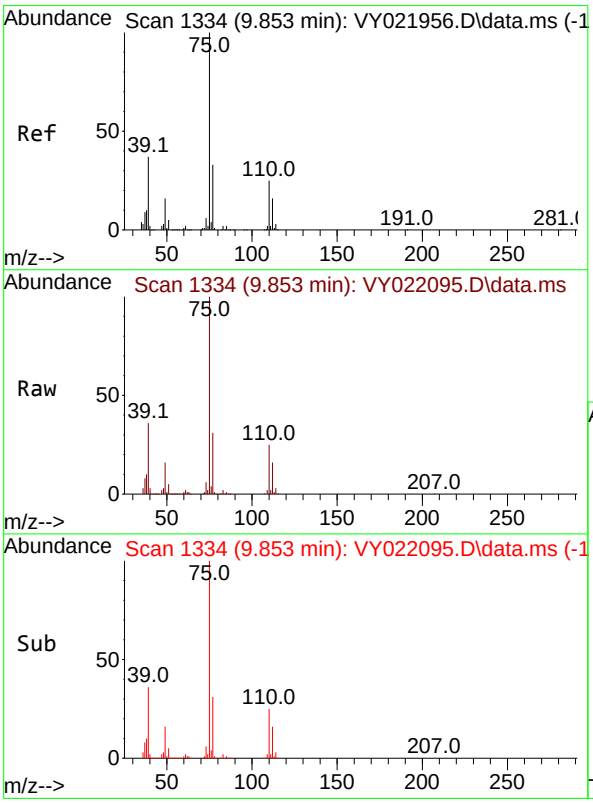
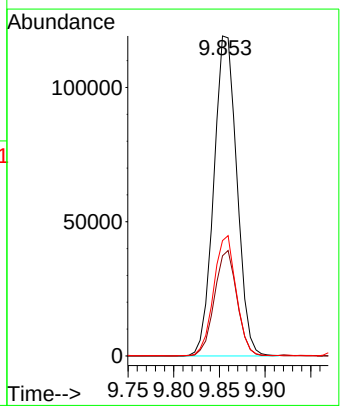


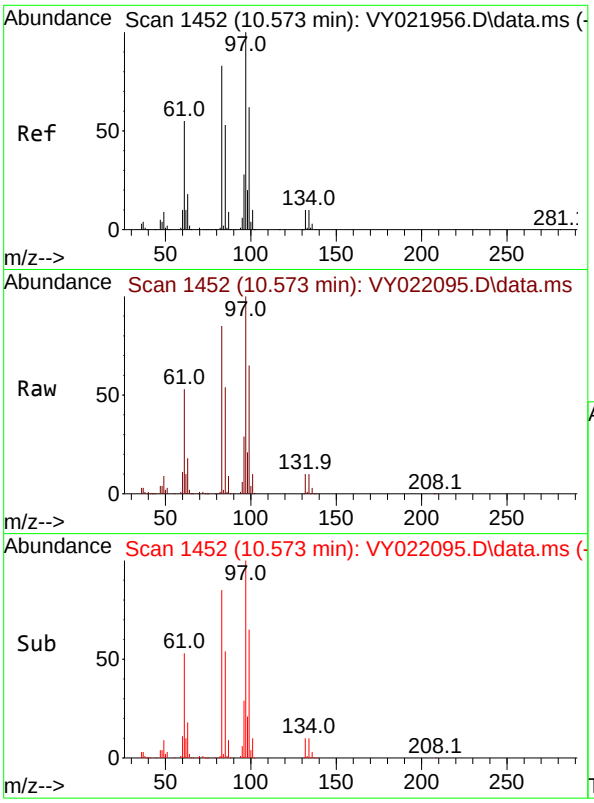


#54
cis-1,3-Dichloropropene
Concen: 49.447 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 209730

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.6	40.0
39	35.9	29.6	44.4

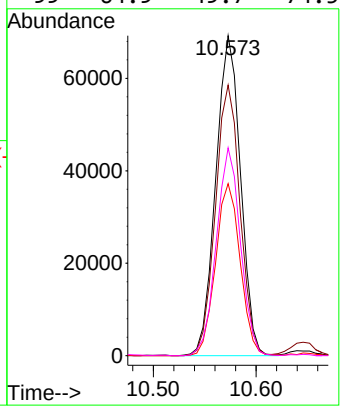




#55
1,1,2-Trichloroethane
Concen: 52.135 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 97 Resp: 11596

Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.7	100.1
85	53.7	42.6	64.0
99	64.9	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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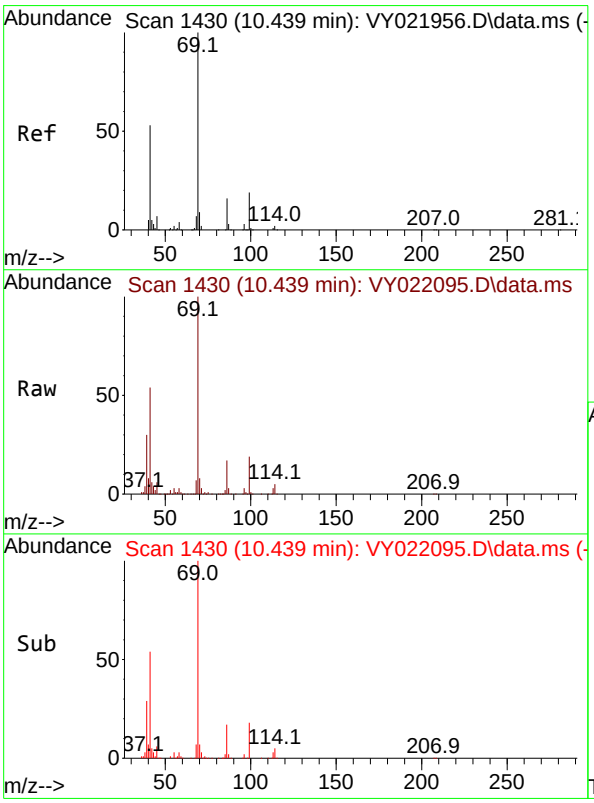
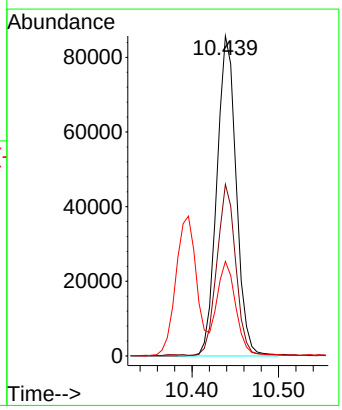
Supervised By :Mahesh Dadoda 05/05/2025

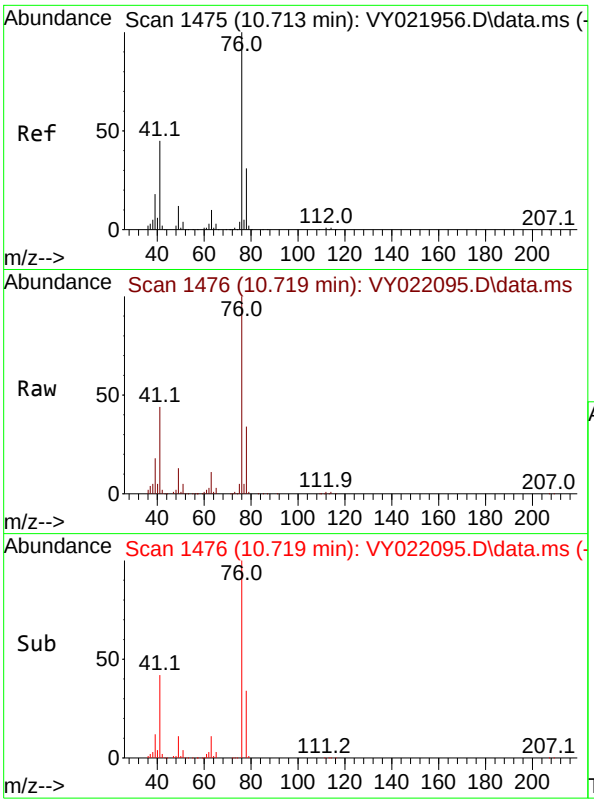


#56
Ethyl methacrylate
Concen: 52.343 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 69 Resp: 133143

Ion	Ratio	Lower	Upper
69	100		
41	52.0	40.7	61.1
39	27.9	23.3	34.9





#57
1,3-Dichloropropane
Concen: 51.135 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 76 Resp: 18234

Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.6	39.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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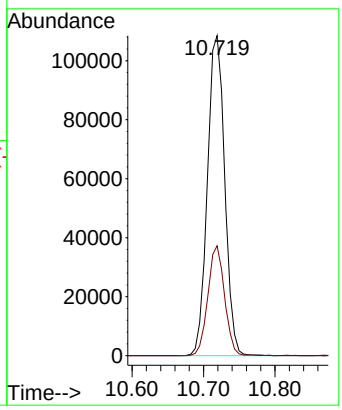
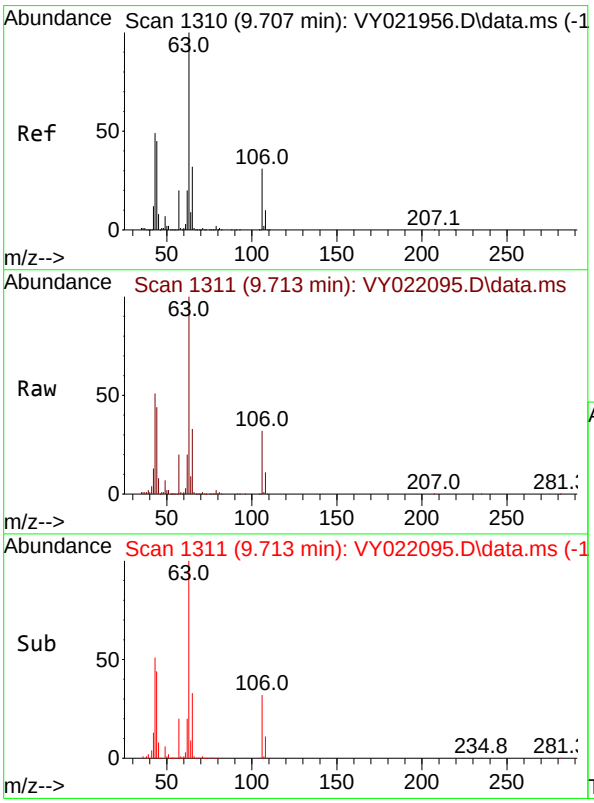
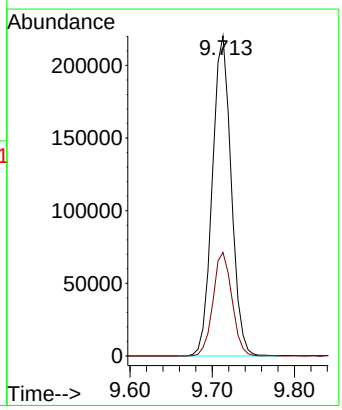


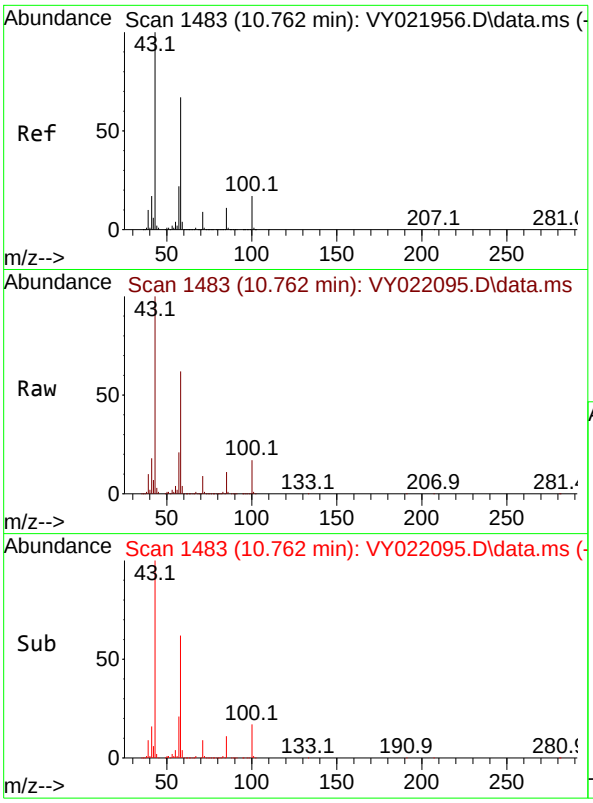


#58
2-Chloroethyl Vinyl ether
Concen: 282.693 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 63 Resp: 351579

Ion	Ratio	Lower	Upper
63	100		
106	32.4	25.3	37.9

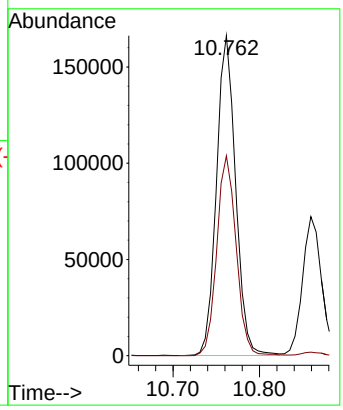




#59
2-Hexanone
Concen: 278.311 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 25539

Ion	Ratio	Lower	Upper
43	100		
58	63.3	32.0	96.0



Instrument :
MSVOA_Y
ClientSampleId :
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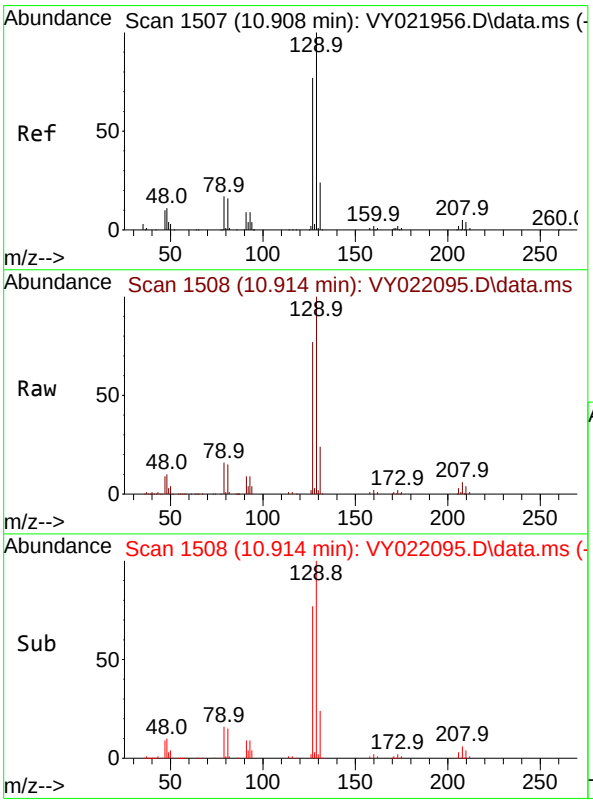
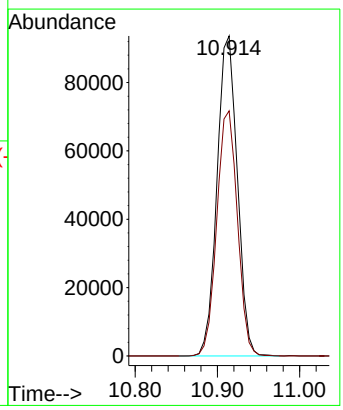
Supervised By :Mahesh Dadoda 05/05/2025

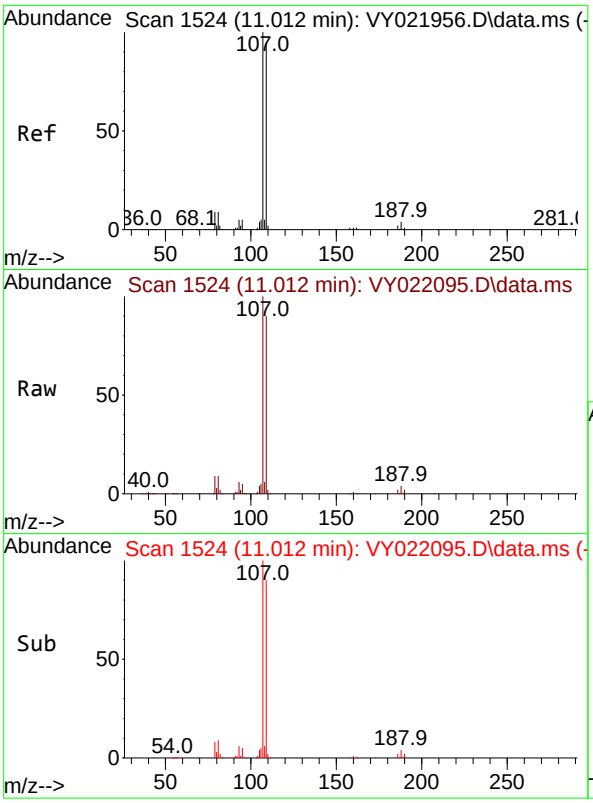


#60
Dibromochloromethane
Concen: 52.183 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:129 Resp: 160702

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.5	115.3





#61
1,2-Dibromoethane
Concen: 51.771 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:107 Resp: 10871

Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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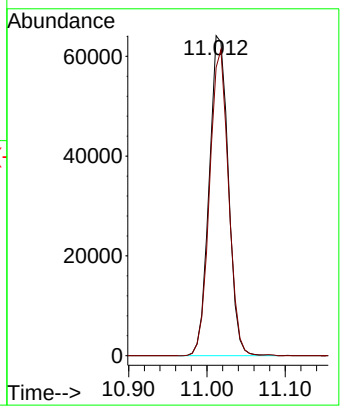
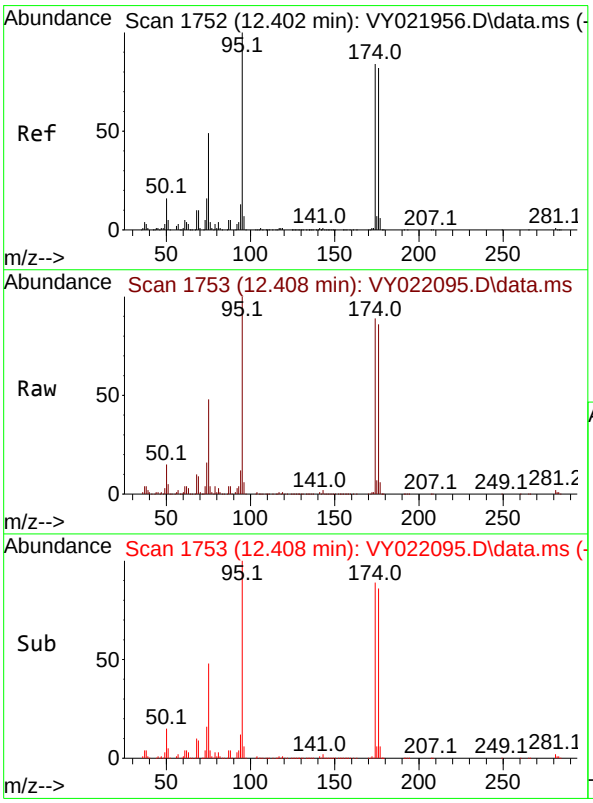
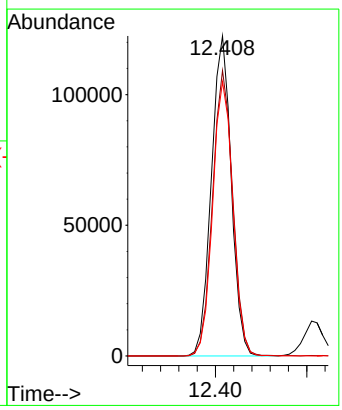


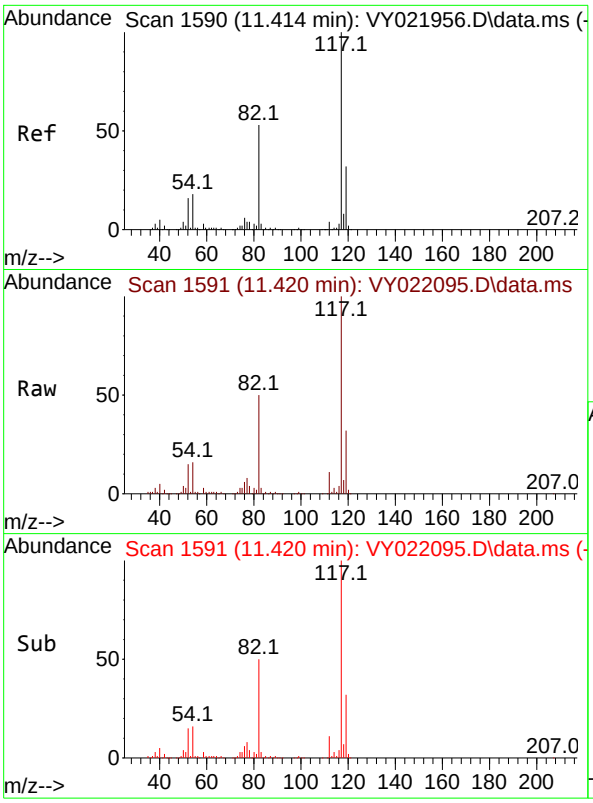


#62
4-Bromofluorobenzene
Concen: 50.971 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 95 Resp: 185315

Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	179.0
176	87.0	0.0	171.8

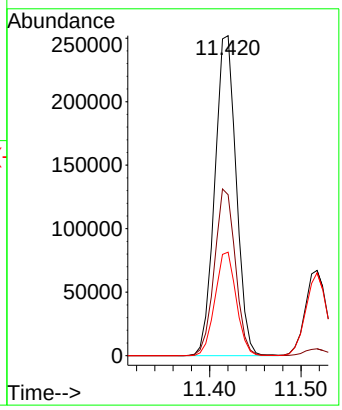




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:117 Resp: 41007

Ion	Ratio	Lower	Upper
117	100		
82	50.3	42.1	63.1
119	32.4	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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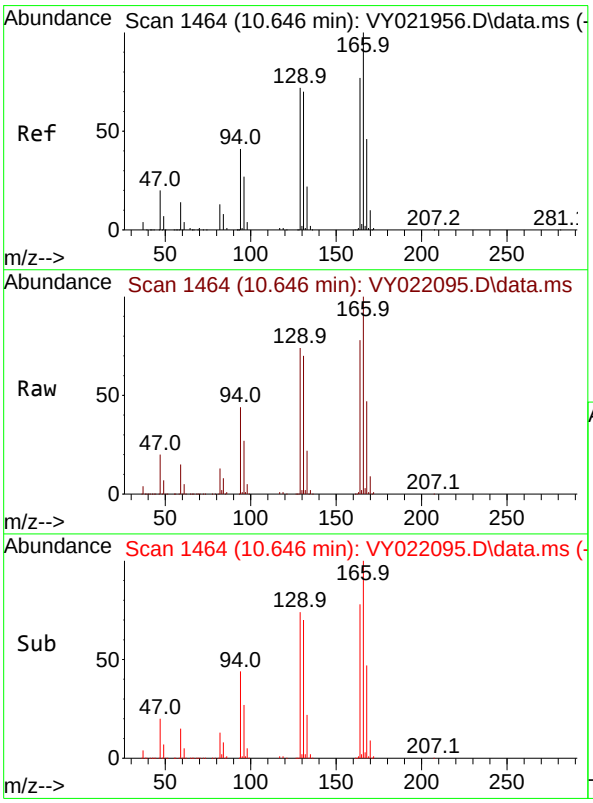
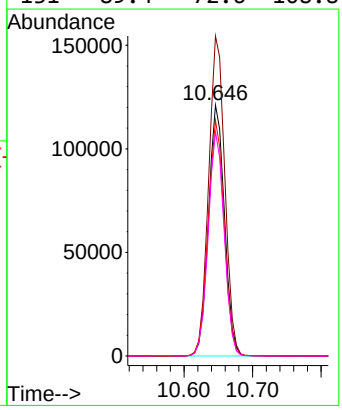
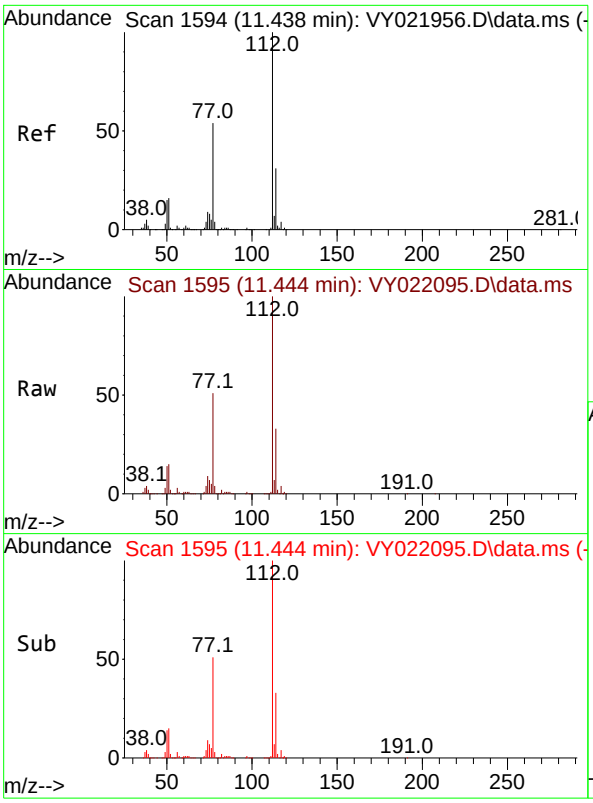


#64
Tetrachloroethene
Concen: 51.010 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:164 Resp: 197335

Ion	Ratio	Lower	Upper
164	100		
166	127.6	103.6	155.4
129	94.0	74.2	111.4
131	89.4	72.6	108.8

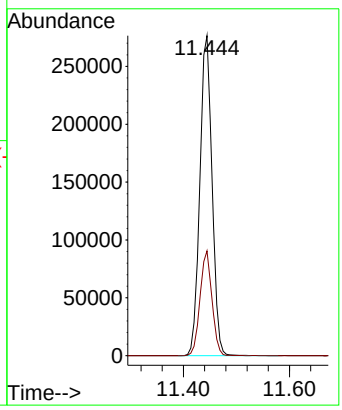




#65
Chlorobenzene
Concen: 48.212 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:112 Resp: 44212

Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.0	37.4



Instrument :
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ClientSampleId :
VSTDCCC050

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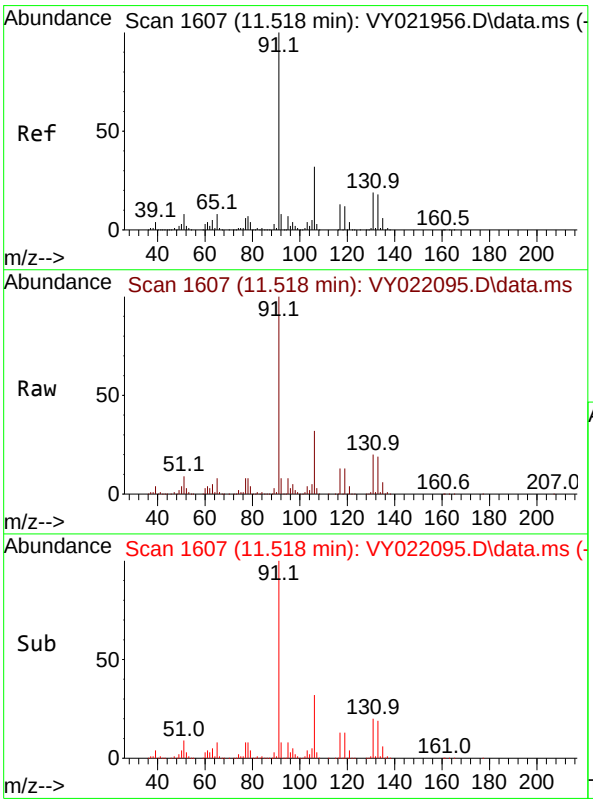
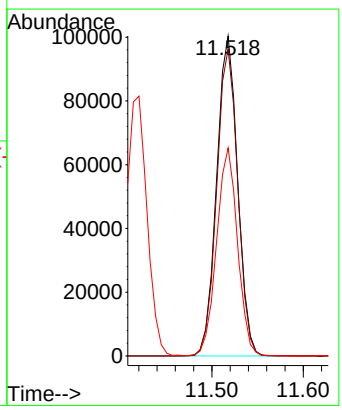
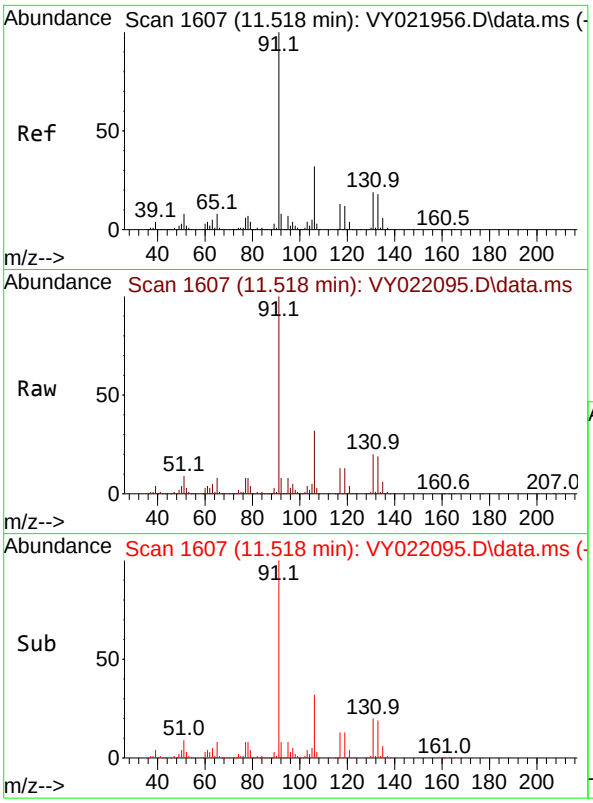


#66
1,1,1,2-Tetrachloroethane
Concen: 49.657 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:131 Resp: 160317

Ion	Ratio	Lower	Upper
131	100		
133	96.0	47.8	143.3
119	64.8	32.4	97.0

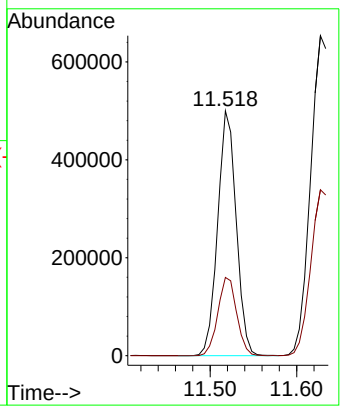




#67
Ethyl Benzene
Concen: 49.517 ug/l
RT: 11.518 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 91 Resp: 74281

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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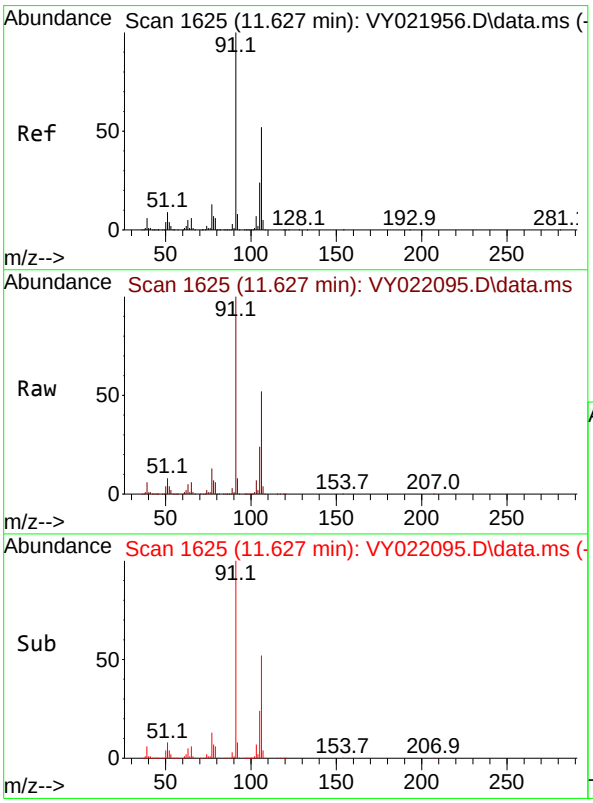
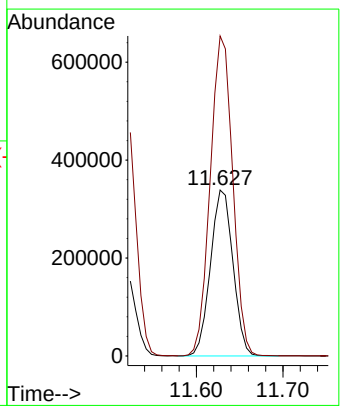
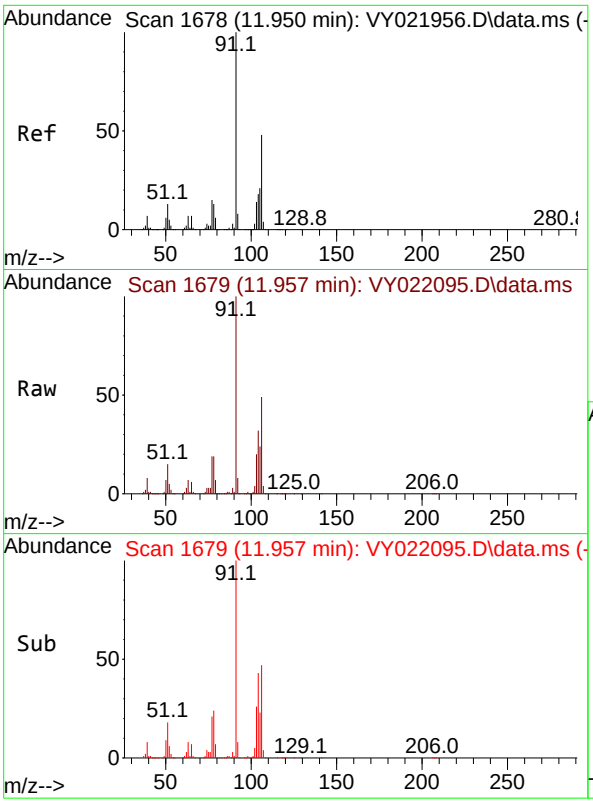


#68
m/p-Xylenes
Concen: 102.352 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:106 Resp: 610976

Ion	Ratio	Lower	Upper
106	100		
91	193.1	156.2	234.2





#69
o-Xylene
Concen: 50.386 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:106 Resp: 27721

Ion	Ratio	Lower	Upper
106	100		
91	202.9	103.0	308.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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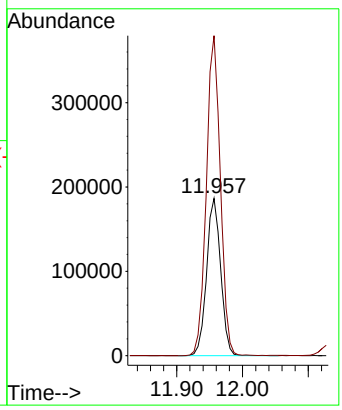
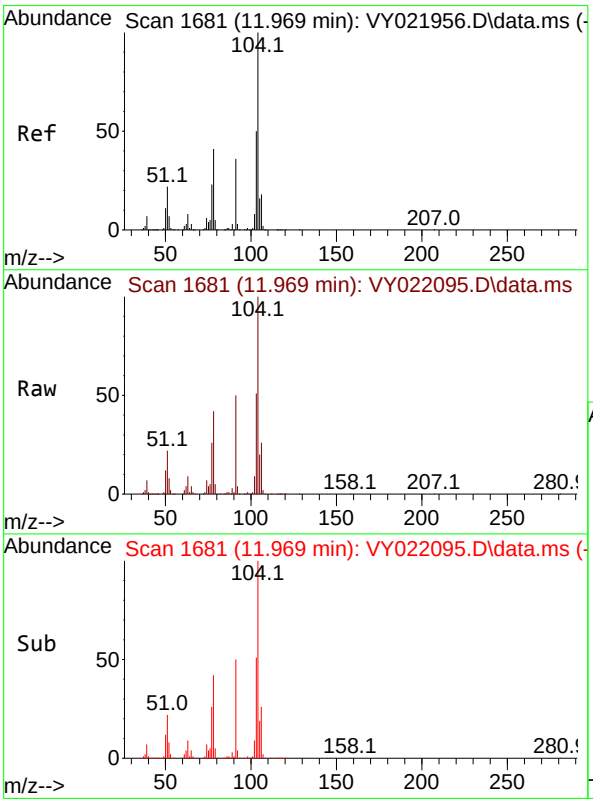
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

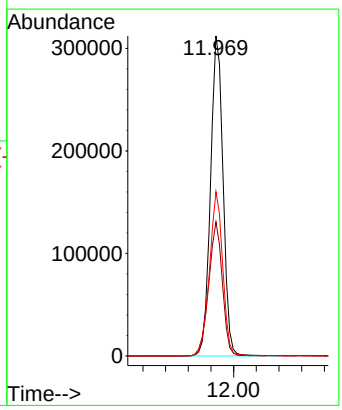


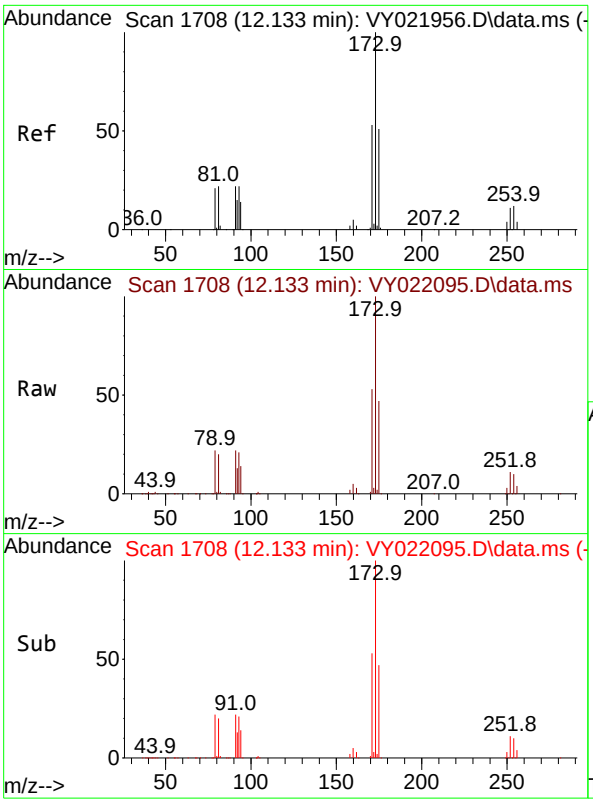


#70
Styrene
Concen: 52.004 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:104 Resp: 480407

Ion	Ratio	Lower	Upper
104	100		
78	45.3	36.6	54.8
103	54.2	43.8	65.8

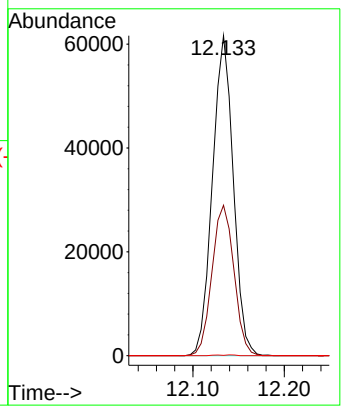




#71
Bromoform
Concen: 51.974 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:173 Resp: 9755

Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.3	72.8
254	0.2	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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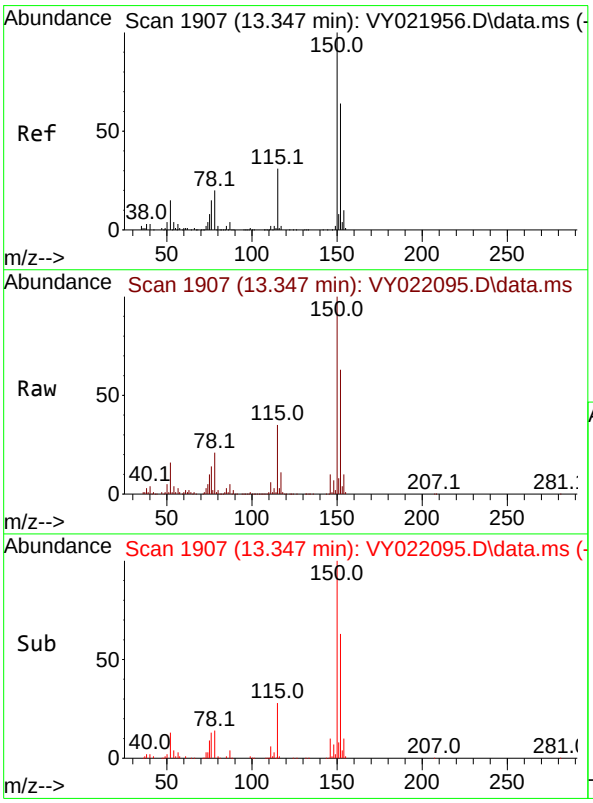
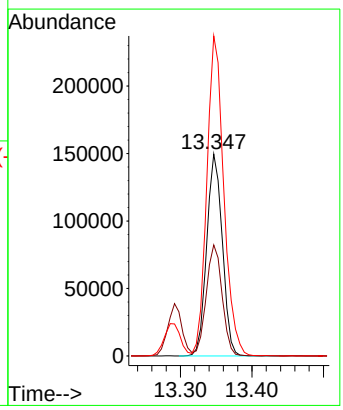
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

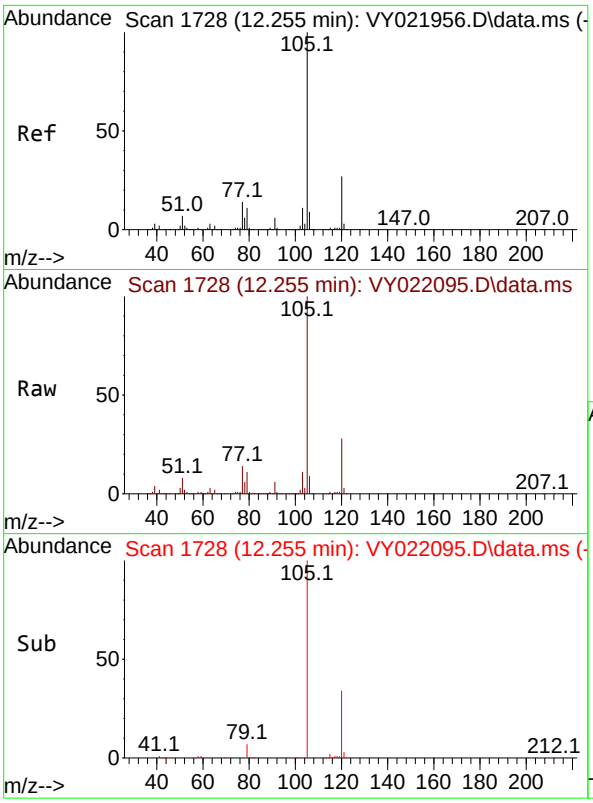


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:152 Resp: 227184

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	172.1	0.0	345.6

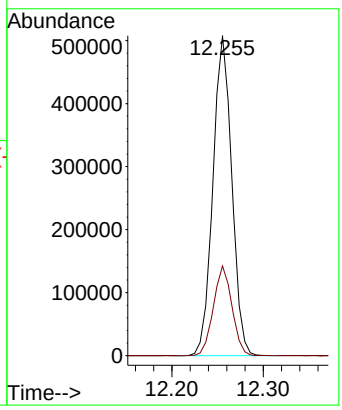




#73
Isopropylbenzene
Concen: 47.953 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:105 Resp: 72784

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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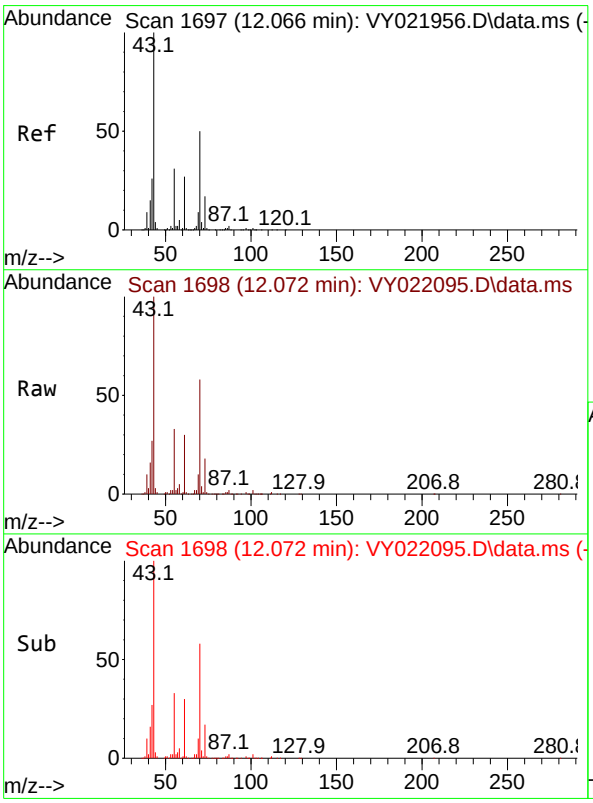
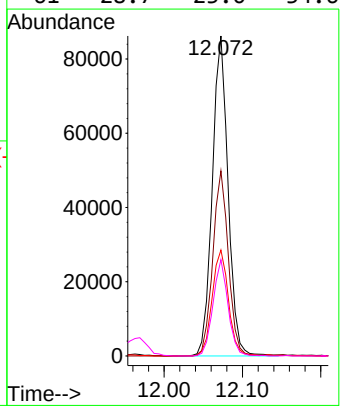
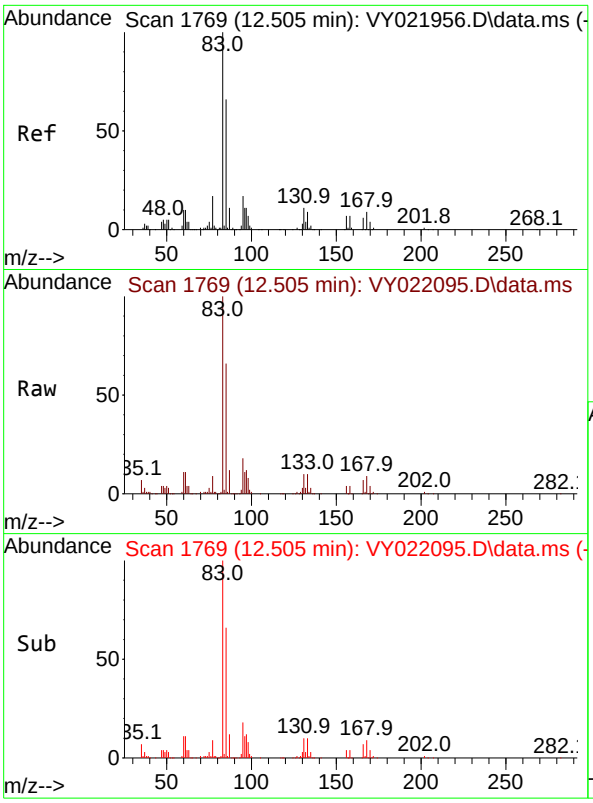


#74
N-amyl acetate
Concen: 46.314 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 120776

Ion	Ratio	Lower	Upper
43	100		
70	56.9	43.2	64.8
55	34.3	25.7	38.5
61	28.7	23.0	34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 47.078 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 83 Resp: 12047

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.4
85	64.8	32.3	96.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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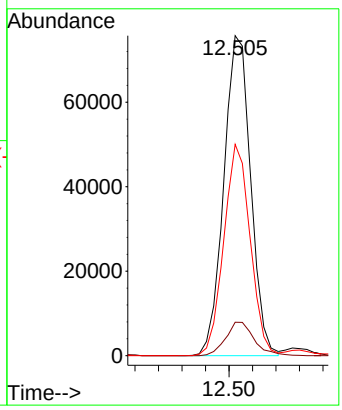
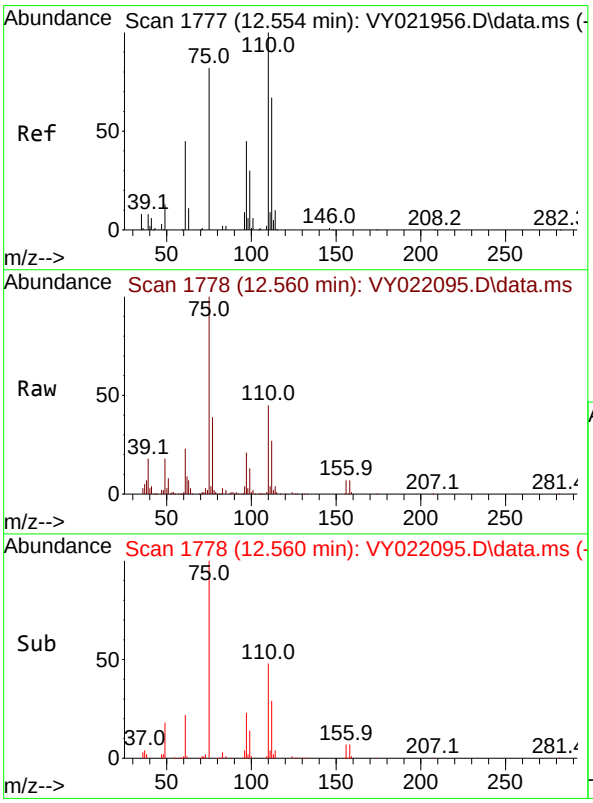
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

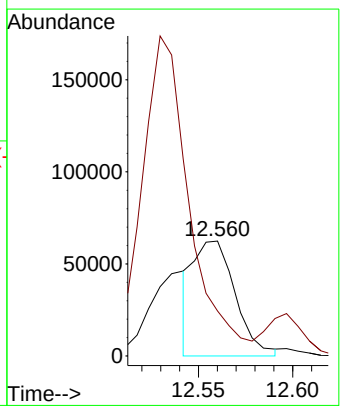


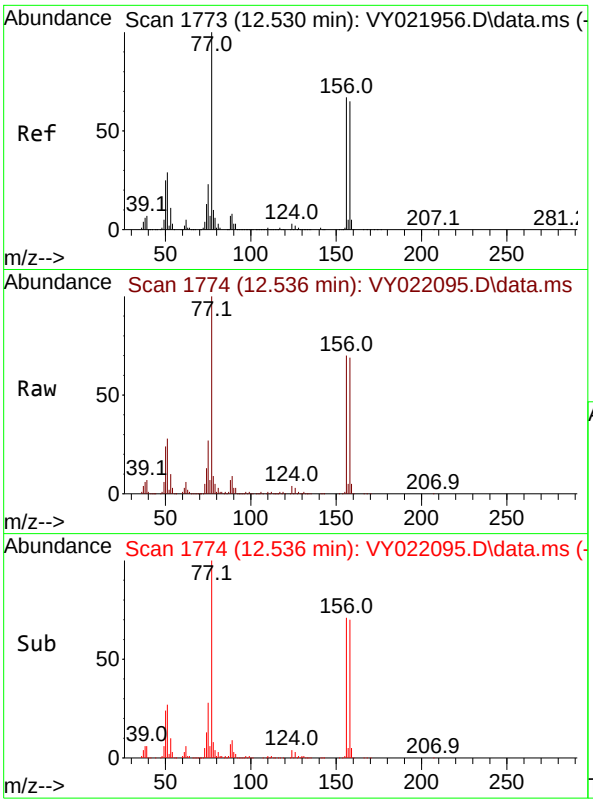


#76
1,2,3-Trichloropropane
Concen: 49.479 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 96284

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

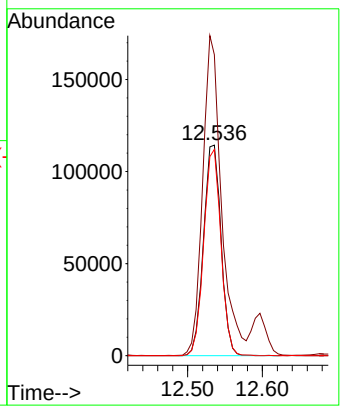




#77
Bromobenzene
Concen: 48.538 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:156 Resp: 18616

Ion	Ratio	Lower	Upper
156	100		
77	162.8	82.7	248.1
158	96.0	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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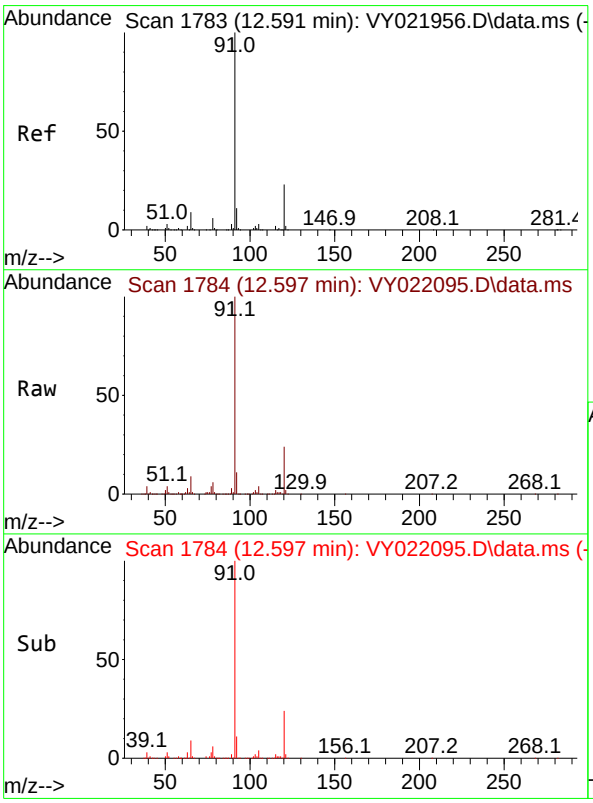
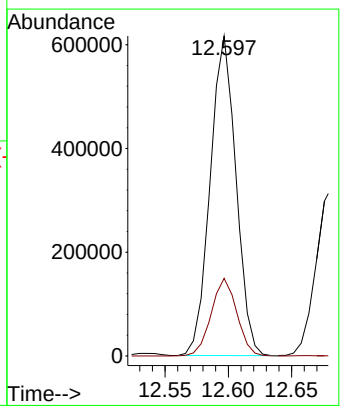
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

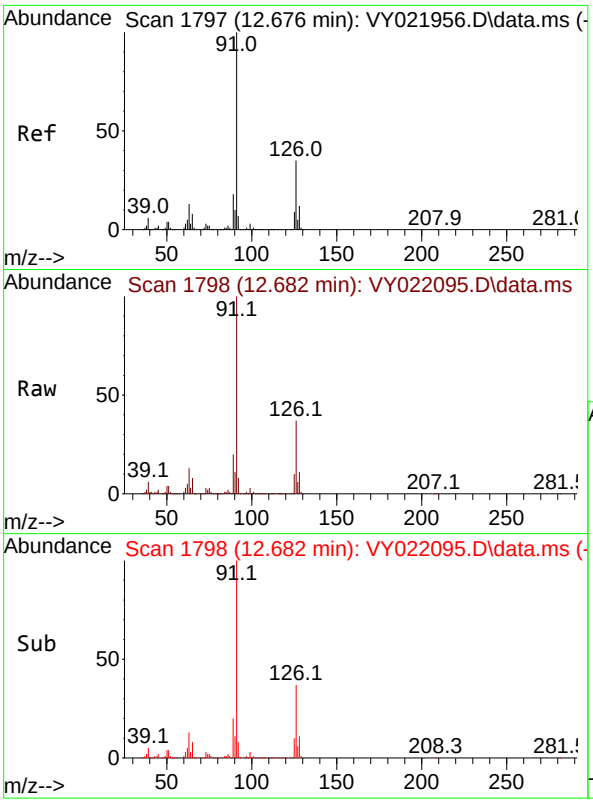


#78
n-propylbenzene
Concen: 48.382 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 91 Resp: 874536

Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.9	35.5

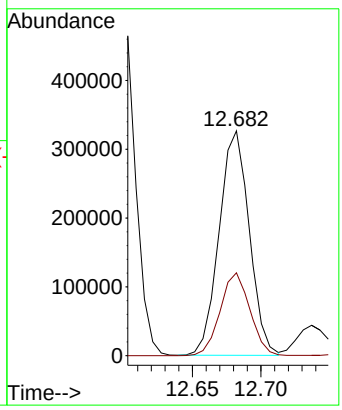




#79
2-Chlorotoluene
Concen: 47.417 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 91 Resp: 49844

Ion	Ratio	Lower	Upper
91	100		
126	36.5	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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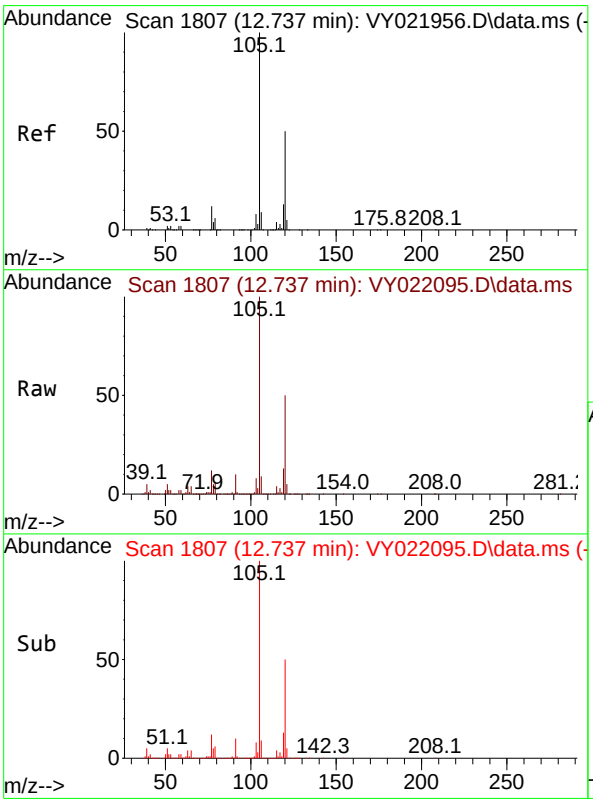
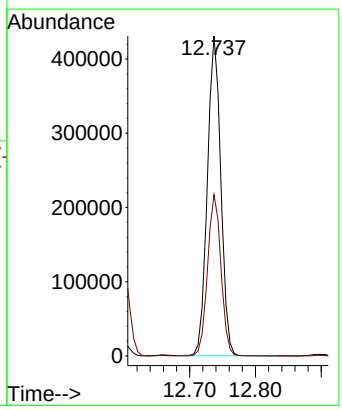
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

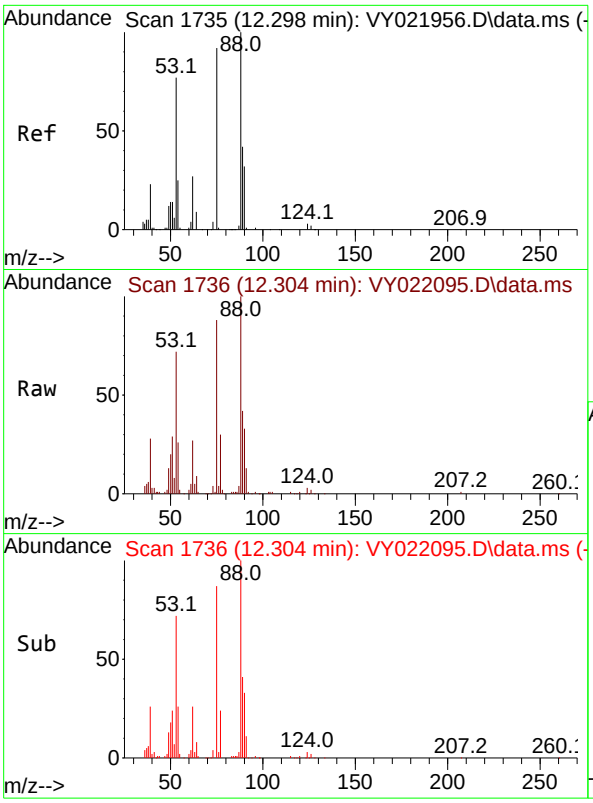


#80
1,3,5-Trimethylbenzene
Concen: 49.051 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:105 Resp: 613435

Ion	Ratio	Lower	Upper
105	100		
120	50.4	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 47.296 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 3821

Ion	Ratio	Lower	Upper
75	100		
53	80.9	66.0	99.0
89	48.3	37.2	55.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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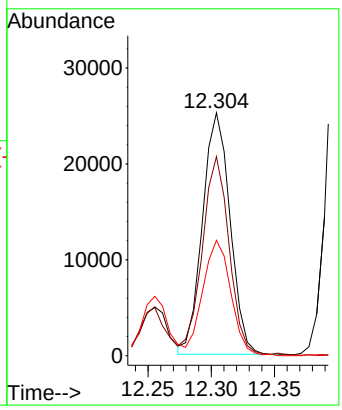
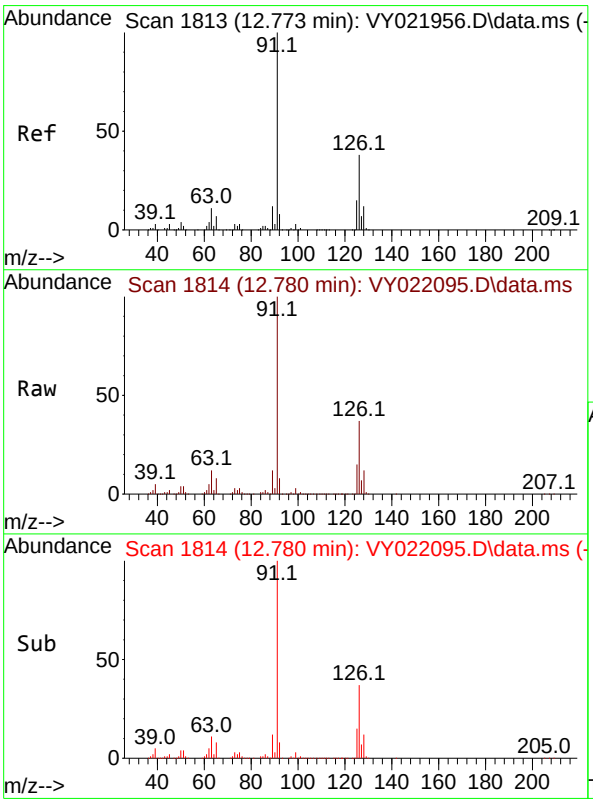
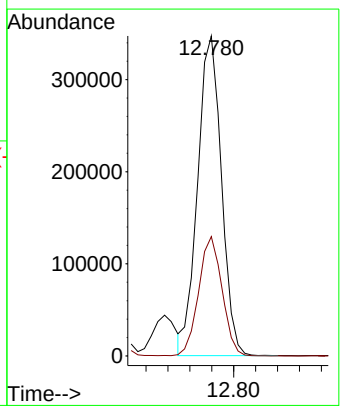


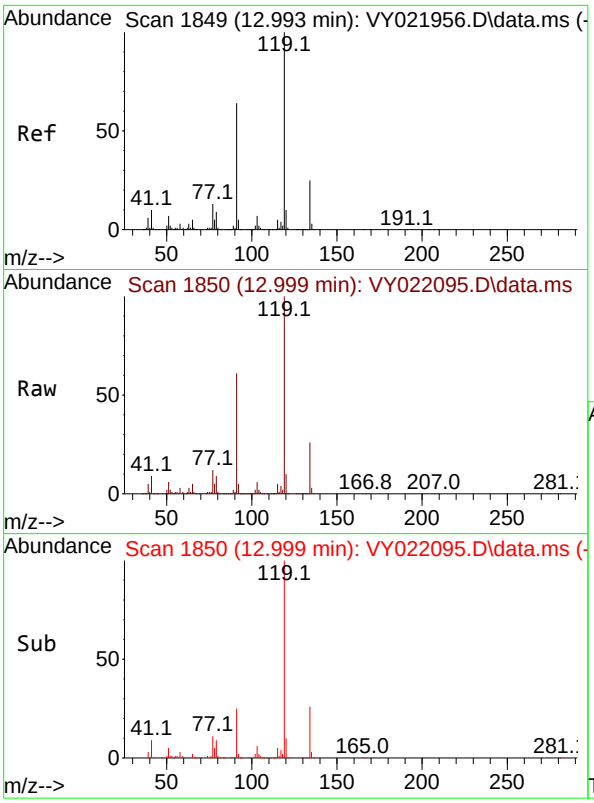


#82
4-Chlorotoluene
Concen: 47.904 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 91 Resp: 523473

Ion	Ratio	Lower	Upper
91	100		
126	36.8	17.9	53.8

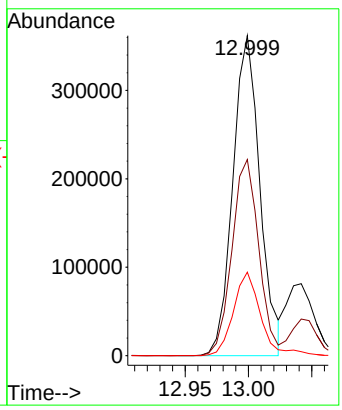




#83
tert-Butylbenzene
Concen: 48.054 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:119 Resp: 53898

Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.3	90.9
134	26.4	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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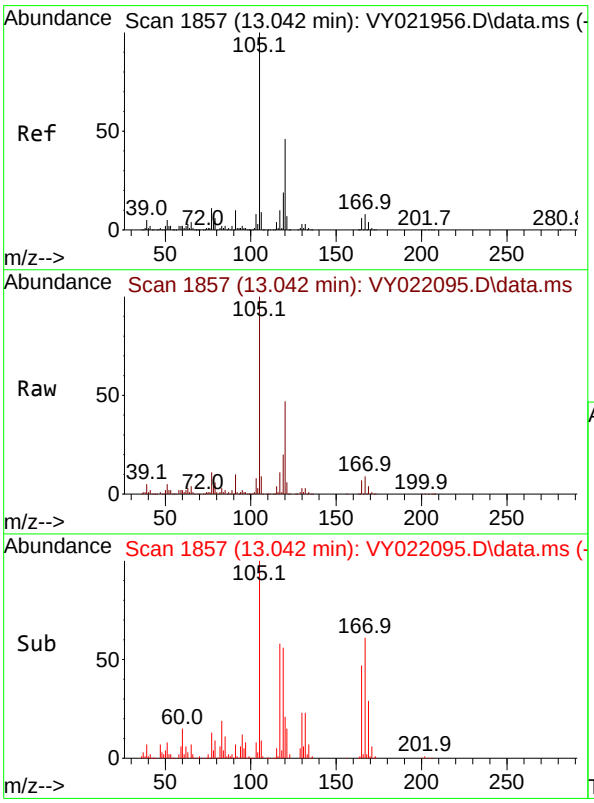
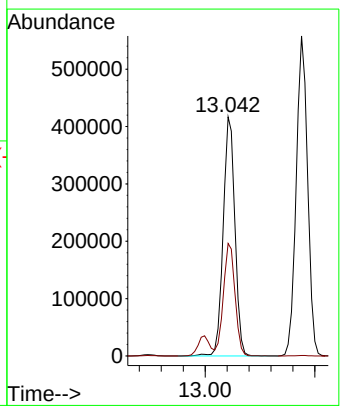
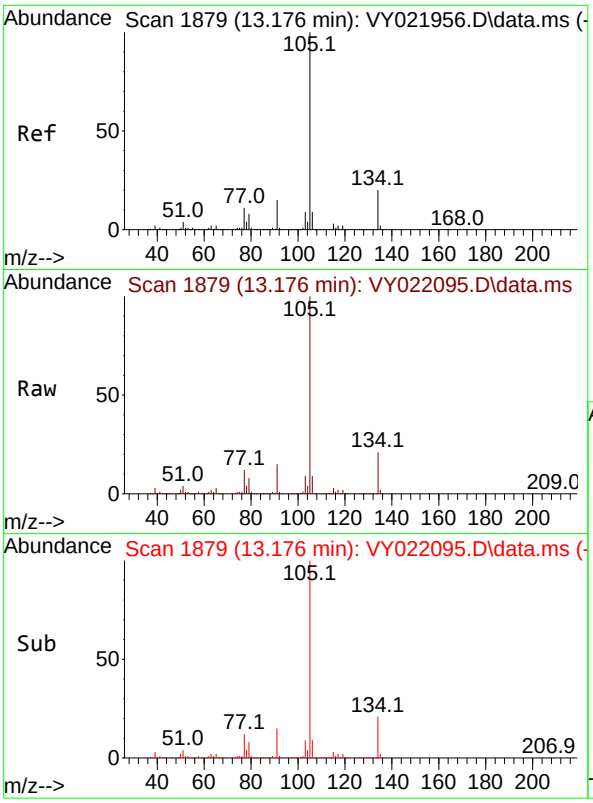


#84
1,2,4-Trimethylbenzene
Concen: 49.714 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:105 Resp: 621868

Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.0

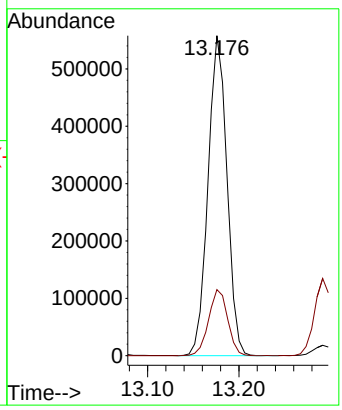




#85
sec-Butylbenzene
Concen: 48.777 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:105 Resp: 80054

Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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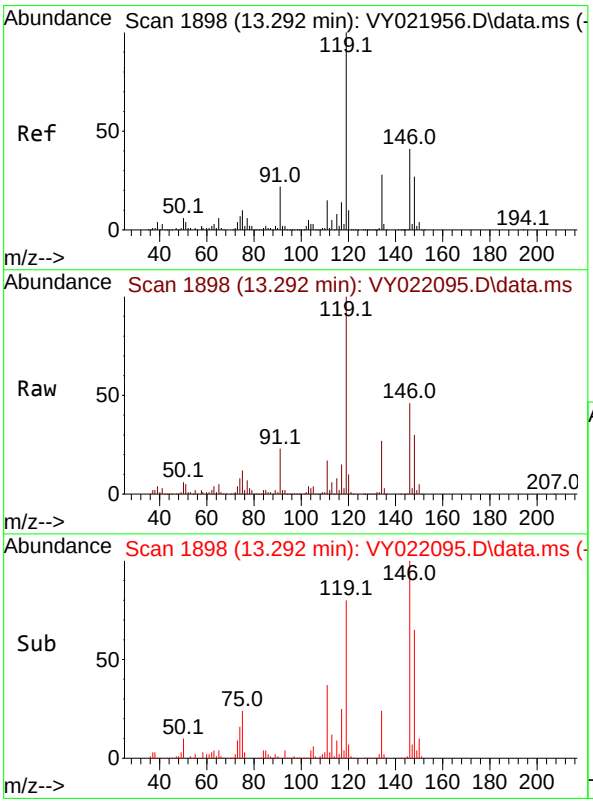
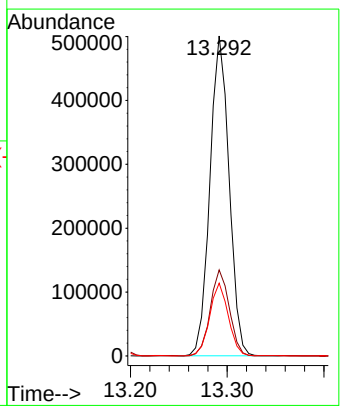
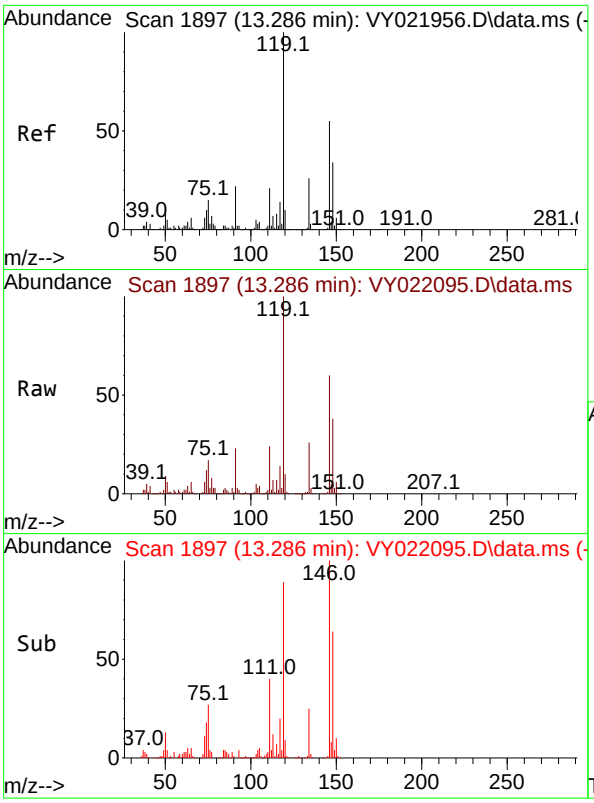


#86
p-Isopropyltoluene
Concen: 49.477 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:119 Resp: 689548

Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.6	40.7
91	22.1	11.0	33.0

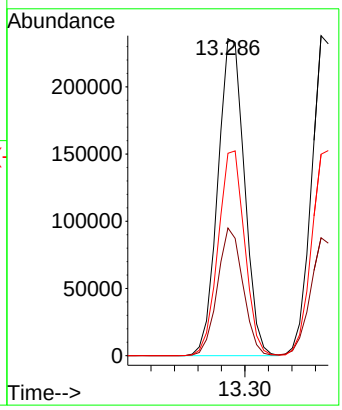




#87
1,3-Dichlorobenzene
Concen: 47.649 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:146 Resp: 37116

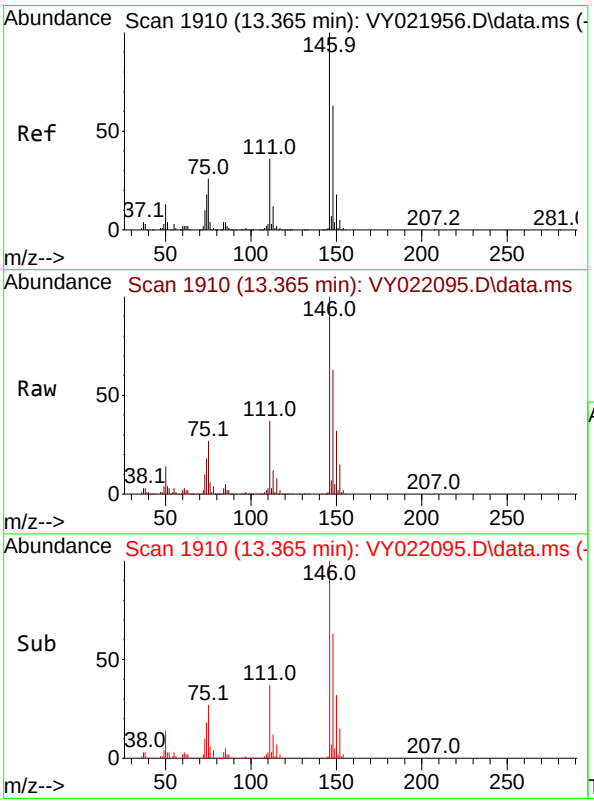
Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.5
148	64.1	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

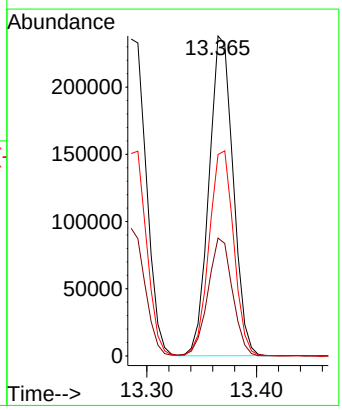
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

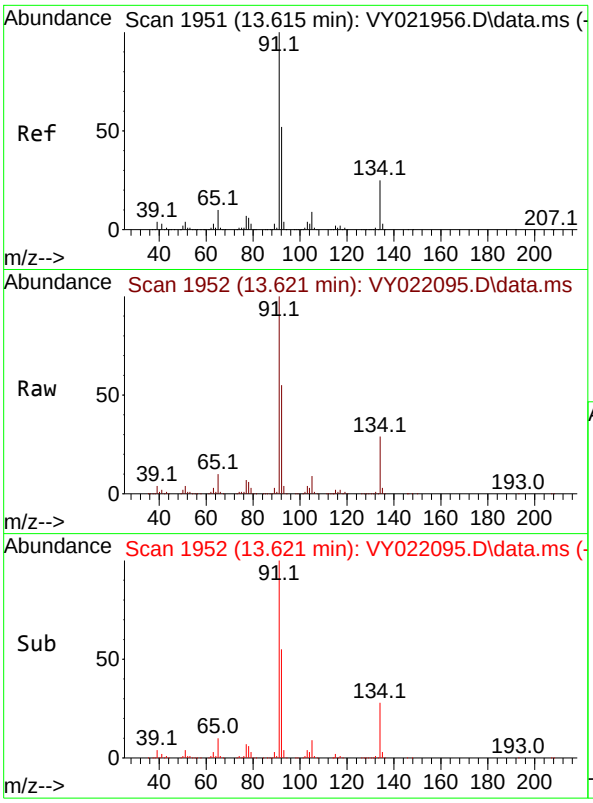


#88
1,4-Dichlorobenzene
Concen: 47.301 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:146 Resp: 364925

Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.2	57.6
148	65.3	32.0	96.0

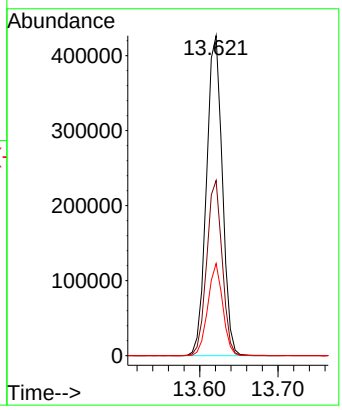




#89
n-Butylbenzene
Concen: 47.980 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 91 Resp: 59769

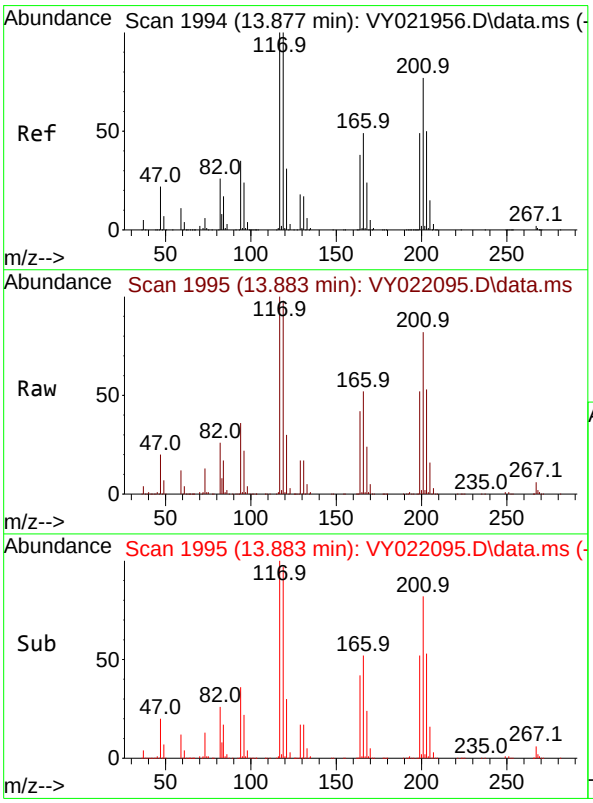
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.5
134	27.1	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

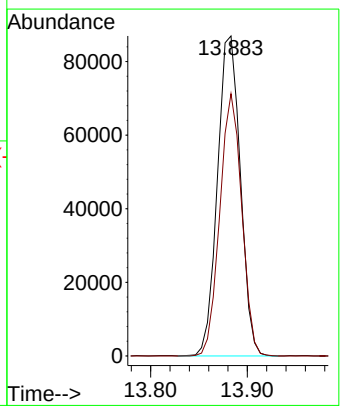
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

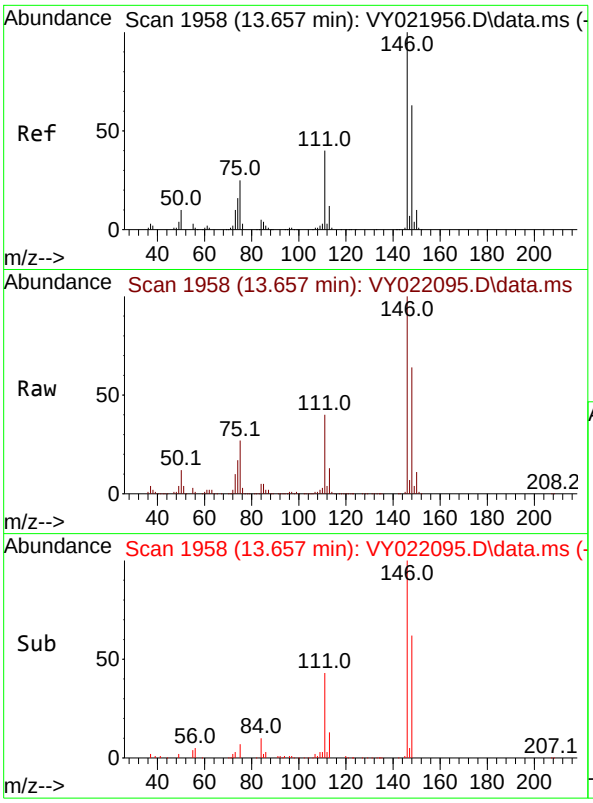


#90
Hexachloroethane
Concen: 46.615 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:117 Resp: 142735

Ion	Ratio	Lower	Upper
117	100		
201	78.4	38.7	116.1

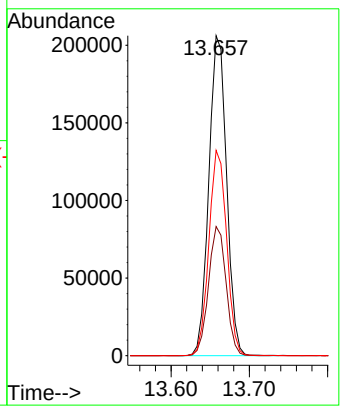




#91
1,2-Dichlorobenzene
Concen: 47.720 ug/l
RT: 13.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:146 Resp: 32421

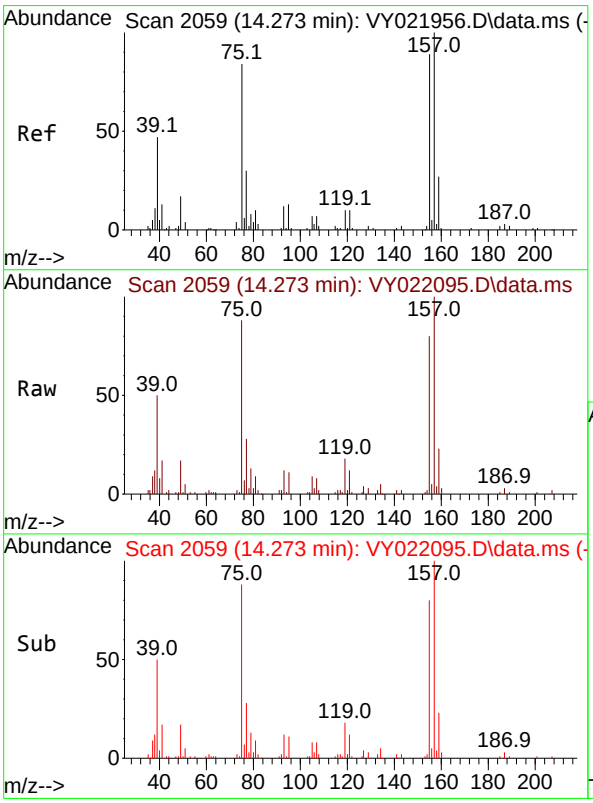
Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.1
148	64.2	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

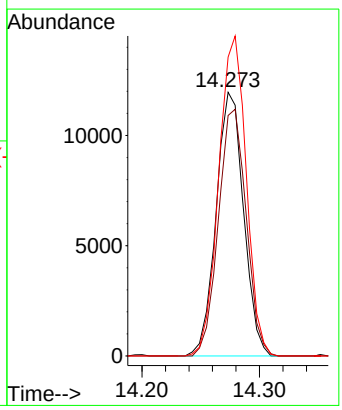
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

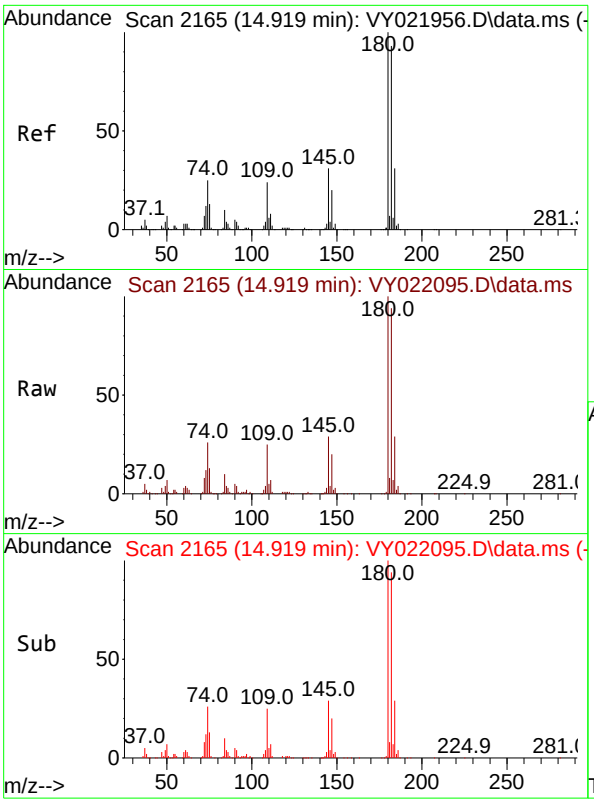


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.643 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 19397

Ion	Ratio	Lower	Upper
75	100		
155	94.8	50.7	152.3
157	121.5	62.6	187.8





#93
1,2,4-Trichlorobenzene
Concen: 47.340 ug/l
RT: 14.919 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

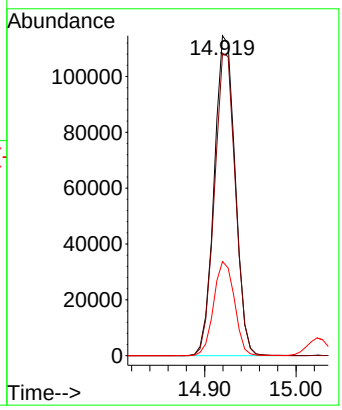
Tgt Ion:180 Resp: 18226

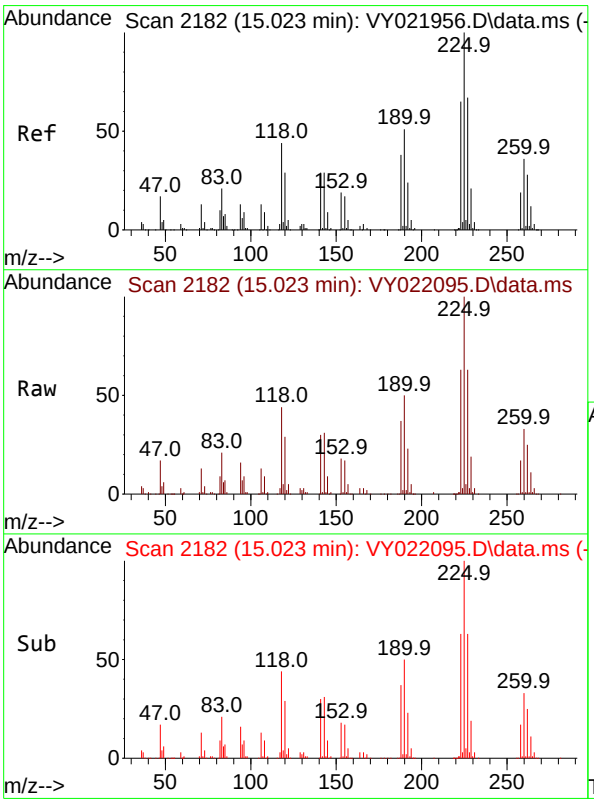
Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.1	141.4
145	29.3	15.0	45.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

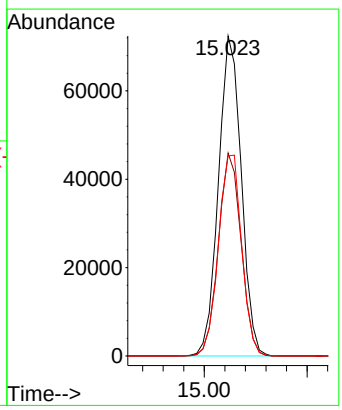


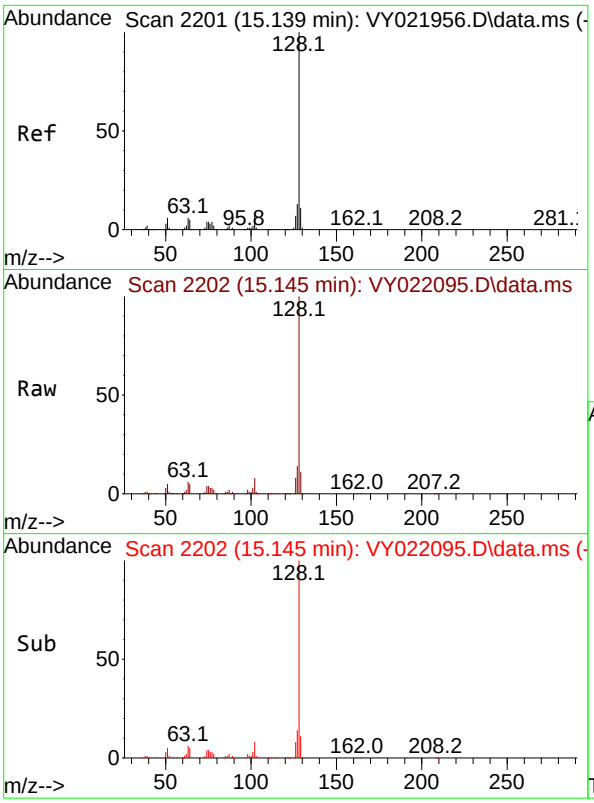


#94
Hexachlorobutadiene
Concen: 47.066 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:225 Resp: 111490

Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.5
227	64.2	32.3	96.9

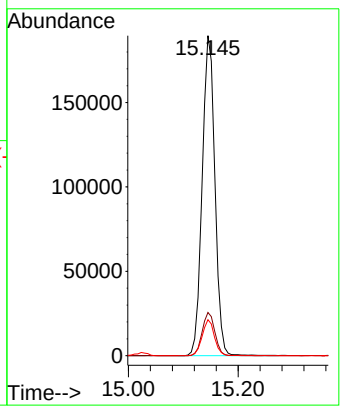




#95
Naphthalene
Concen: 47.598 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:128 Resp: 30442

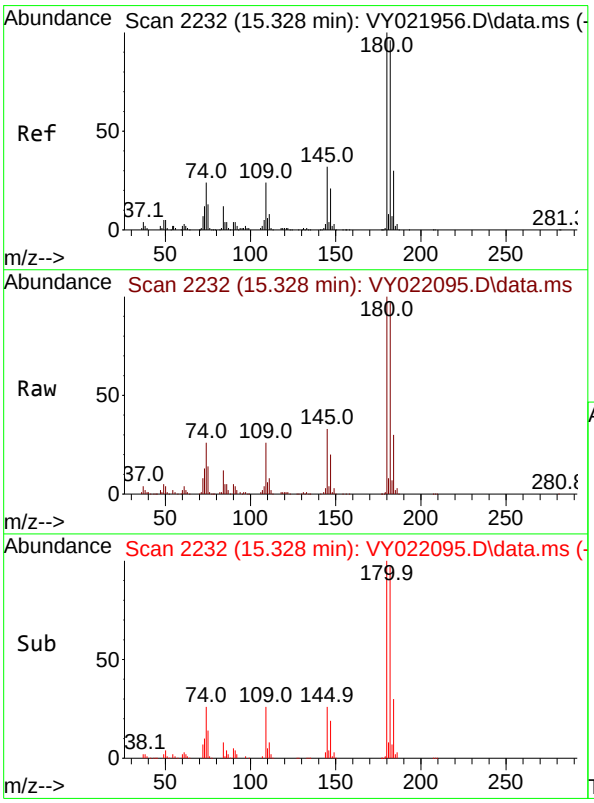
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.9	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

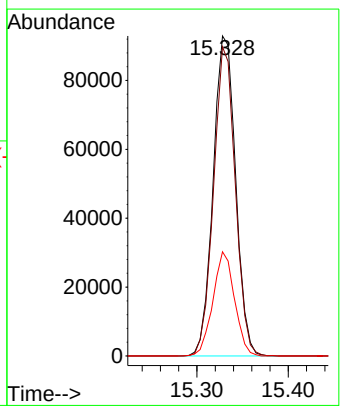
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.678 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022095.D
Acq: 01 May 2025 08:50

Tgt Ion:180 Resp: 158454

Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.1	144.4
145	31.4	16.0	48.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	93	0.00
2	T	Dichlorodifluoromethane	0.426	0.359	15.7	85	0.00
3	P	Chloromethane	0.607	0.542	10.7	84	0.00
4	C	Vinyl Chloride	0.745	0.677	9.1#	87	0.00
5	T	Bromomethane	0.642	0.511	20.4	80	0.00
6	T	Chloroethane	0.508	0.454	10.6	86	0.00
7	T	Trichlorofluoromethane	0.983	0.891	9.4	87	0.00
8	T	Diethyl Ether	0.256	0.219	14.5	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.533	0.484	9.2	92	0.00
10	T	Methyl Iodide	0.617	0.554	10.2	82	0.00
11	T	Tert butyl alcohol	0.025	0.024	4.0	87	0.00
12	CM	1,1-Dichloroethene	0.497	0.441	11.3#	87	0.00
13	T	Acrolein	0.046	0.031	32.6#	68	0.00
14	T	Allyl chloride	0.579	0.498	14.0	84	0.00
15	T	Acrylonitrile	0.094	0.088	6.4	88	0.00
16	T	Acetone	0.070	0.062	11.4	92	0.00
17	T	Carbon Disulfide	1.585	1.372	13.4	86	0.00
18	T	Methyl Acetate	0.216	0.226	-4.6	95	0.00
19	T	Methyl tert-butyl Ether	1.113	1.031	7.4	85	0.00
20	T	Methylene Chloride	0.584	0.488	16.4	85	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.508	8.8	89	0.01
22	T	Diisopropyl ether	1.288	1.195	7.2	86	0.00
23	T	Vinyl Acetate	0.694	0.648	6.6	84	0.00
24	P	1,1-Dichloroethane	0.893	0.788	11.8	86	0.00
25	T	2-Butanone	0.105	0.100	4.8	88	0.00
26	T	2,2-Dichloropropane	0.782	0.721	7.8	91	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.570	8.4	87	0.00
28	T	Bromochloromethane	0.347	0.340	2.0	92	0.00
29	T	Tetrahydrofuran	0.068	0.067	1.5	86	0.00
30	C	Chloroform	0.990	0.919	7.2#	90	0.00
31	T	Cyclohexane	0.763	0.665	12.8	88	0.00
32	T	1,1,1-Trichloroethane	0.896	0.816	8.9	89	0.00
33	S	1,2-Dichloroethane-d4	0.462	0.431	6.7	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.330	0.335	-1.5	88	0.00
36	T	1,1-Dichloropropene	0.444	0.431	2.9	88	0.00
37	T	Ethyl Acetate	0.159	0.163	-2.5	88	0.00
38	T	Carbon Tetrachloride	0.530	0.528	0.4	90	0.00
39	T	Methylcyclohexane	0.558	0.550	1.4	87	0.00
40	TM	Benzene	1.387	1.370	1.2	89	0.00
41	T	Methacrylonitrile	0.087	0.079	9.2	74	0.00
42	TM	1,2-Dichloroethane	0.343	0.348	-1.5	90	0.00
43	T	Isopropyl Acetate	0.306	0.302	1.3	84	0.00
44	TM	Trichloroethene	0.384	0.385	-0.3	91	0.00
45	C	1,2-Dichloropropane	0.307	0.304	1.0#	88	0.00
46	T	Dibromomethane	0.192	0.196	-2.1	91	0.00
47	T	Bromodichloromethane	0.480	0.484	-0.8	89	0.00
48	T	Methyl methacrylate	0.141	0.149	-5.7	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	0.002	0.002	0.0	96	0.00
50	S	Toluene-d8	1.245	1.270	-2.0	86	0.00
51	T	4-Methyl-2-Pentanone	0.160	0.176	-10.0	89	0.00
52	CM	Toluene	0.898	0.925	-3.0#	90	0.00
53	T	t-1,3-Dichloropropene	0.411	0.416	-1.2	86	0.00
54	T	cis-1,3-Dichloropropene	0.489	0.484	1.0	87	0.00
55	T	1,1,2-Trichloroethane	0.256	0.267	-4.3	91	0.00
56	T	Ethyl methacrylate	0.293	0.307	-4.8	84	0.00
57	T	1,3-Dichloropropane	0.411	0.421	-2.4	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.162	-13.3	88	0.00
59	T	2-Hexanone	0.106	0.118	-11.3	89	0.00
60	T	Dibromochloromethane	0.355	0.371	-4.5	91	0.00
61	T	1,2-Dibromoethane	0.242	0.251	-3.7	90	0.00
62	S	4-Bromofluorobenzene	0.419	0.427	-1.9	87	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64	T	Tetrachloroethene	0.472	0.481	-1.9	95	0.00
65	PM	Chlorobenzene	1.118	1.078	3.6	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.391	0.8	90	0.00
67	C	Ethyl Benzene	1.829	1.811	1.0#	88	0.00
68	T	m/p-Xylenes	0.728	0.745	-2.3	91	0.00
69	T	o-Xylene	0.671	0.676	-0.7	88	0.00
70	T	Styrene	1.126	1.172	-4.1	90	0.00
71	P	Bromoform	0.229	0.238	-3.9	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
73	T	Isopropylbenzene	3.341	3.204	4.1	89	0.00
74	T	N-amyl acetate	0.574	0.532	7.3	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.563	0.530	5.9	89	0.00
76	T	1,2,3-Trichloropropane	0.428	0.424	0.9	97	0.00
77	T	Bromobenzene	0.844	0.819	3.0	91	0.00
78	T	n-propylbenzene	3.978	3.849	3.2	89	0.00
79	T	2-Chlorotoluene	2.314	2.194	5.2	89	0.00
80	T	1,3,5-Trimethylbenzene	2.752	2.700	1.9	89	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.168	5.6	88	0.00
82	T	4-Chlorotoluene	2.405	2.304	4.2	89	0.00
83	T	tert-Butylbenzene	2.468	2.372	3.9	88	0.00
84	T	1,2,4-Trimethylbenzene	2.753	2.737	0.6	91	0.00
85	T	sec-Butylbenzene	3.612	3.524	2.4	90	0.00
86	T	p-Isopropyltoluene	3.067	3.035	1.0	91	0.00
87	T	1,3-Dichlorobenzene	1.714	1.634	4.7	92	0.00
88	T	1,4-Dichlorobenzene	1.698	1.606	5.4	92	0.00
89	T	n-Butylbenzene	2.742	2.631	4.0	89	0.00
90	T	Hexachloroethane	0.674	0.628	6.8	91	0.00
91	T	1,2-Dichlorobenzene	1.495	1.427	4.5	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.085	5.6	94	0.00
93	T	1,2,4-Trichlorobenzene	0.847	0.802	5.3	90	0.00
94	T	Hexachlorobutadiene	0.521	0.491	5.8	95	0.00
95	T	Naphthalene	1.408	1.340	4.8	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.697	4.7	91	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	42.149	15.7	85	0.00
3	P	Chloromethane	50.000	44.656	10.7	84	0.00
4	C	Vinyl Chloride	50.000	45.411	9.2#	87	0.00
5	T	Bromomethane	50.000	39.803	20.4	80	0.00
6	T	Chloroethane	50.000	44.717	10.6	86	0.00
7	T	Trichlorofluoromethane	50.000	45.309	9.4	87	0.00
8	T	Diethyl Ether	50.000	42.745	14.5	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.342	9.3	92	0.00
10	T	Methyl Iodide	50.000	44.860	10.3	82	0.00
11	T	Tert butyl alcohol	250.000	239.412	4.2	87	0.00
12	CM	1,1-Dichloroethene	50.000	44.312	11.4#	87	0.00
13	T	Acrolein	250.000	170.015	32.0#	68	0.00
14	T	Allyl chloride	50.000	43.012	14.0	84	0.00
15	T	Acrylonitrile	250.000	234.690	6.1	88	0.00
16	T	Acetone	250.000	258.562	-3.4	92	0.00
17	T	Carbon Disulfide	50.000	43.277	13.4	86	0.00
18	T	Methyl Acetate	50.000	52.440	-4.9	95	0.00
19	T	Methyl tert-butyl Ether	50.000	46.339	7.3	85	0.00
20	T	Methylene Chloride	50.000	41.790	16.4	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.652	8.7	89	0.01
22	T	Diisopropyl ether	50.000	46.406	7.2	86	0.00
23	T	Vinyl Acetate	250.000	233.397	6.6	84	0.00
24	P	1,1-Dichloroethane	50.000	44.117	11.8	86	0.00
25	T	2-Butanone	250.000	237.416	5.0	88	0.00
26	T	2,2-Dichloropropane	50.000	46.061	7.9	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.794	8.4	87	0.00
28	T	Bromochloromethane	50.000	49.056	1.9	92	0.00
29	T	Tetrahydrofuran	250.000	245.385	1.8	86	0.00
30	C	Chloroform	50.000	46.403	7.2#	90	0.00
31	T	Cyclohexane	50.000	43.571	12.9	88	0.00
32	T	1,1,1-Trichloroethane	50.000	45.518	9.0	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.711	6.6	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	50.745	-1.5	88	0.00
36	T	1,1-Dichloropropene	50.000	48.590	2.8	88	0.00
37	T	Ethyl Acetate	50.000	51.230	-2.5	88	0.00
38	T	Carbon Tetrachloride	50.000	49.824	0.4	90	0.00
39	T	Methylcyclohexane	50.000	49.231	1.5	87	0.00
40	TM	Benzene	50.000	49.378	1.2	89	0.00
41	T	Methacrylonitrile	50.000	45.180	9.6	74	0.00
42	TM	1,2-Dichloroethane	50.000	50.652	-1.3	90	0.00
43	T	Isopropyl Acetate	50.000	49.331	1.3	84	0.00
44	TM	Trichloroethene	50.000	50.105	-0.2	91	0.00
45	C	1,2-Dichloropropane	50.000	49.528	0.9#	88	0.00
46	T	Dibromomethane	50.000	51.032	-2.1	91	0.00
47	T	Bromodichloromethane	50.000	50.411	-0.8	89	0.00
48	T	Methyl methacrylate	50.000	52.563	-5.1	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	1098.297	-9.8	96	0.00
50	S	Toluene-d8	50.000	50.988	-2.0	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.117	-9.6	89	0.00
52	CM	Toluene	50.000	51.517	-3.0#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	50.528	-1.1	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.447	1.1	87	0.00
55	T	1,1,2-Trichloroethane	50.000	52.135	-4.3	91	0.00
56	T	Ethyl methacrylate	50.000	52.343	-4.7	84	0.00
57	T	1,3-Dichloropropane	50.000	51.135	-2.3	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	282.693	-13.1	88	0.00
59	T	2-Hexanone	250.000	278.311	-11.3	89	0.00
60	T	Dibromochloromethane	50.000	52.183	-4.4	91	0.00
61	T	1,2-Dibromoethane	50.000	51.771	-3.5	90	0.00
62	S	4-Bromofluorobenzene	50.000	50.971	-1.9	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	51.010	-2.0	95	0.00
65	PM	Chlorobenzene	50.000	48.212	3.6	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.657	0.7	90	0.00
67	C	Ethyl Benzene	50.000	49.517	1.0#	88	0.00
68	T	m/p-Xylenes	100.000	102.352	-2.4	91	0.00
69	T	o-Xylene	50.000	50.386	-0.8	88	0.00
70	T	Styrene	50.000	52.004	-4.0	90	0.00
71	P	Bromoform	50.000	51.974	-3.9	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	47.953	4.1	89	0.00
74	T	N-amyl acetate	50.000	46.314	7.4	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.078	5.8	89	0.00
76	T	1,2,3-Trichloropropane	50.000	49.479	1.0	97	0.00
77	T	Bromobenzene	50.000	48.538	2.9	91	0.00
78	T	n-propylbenzene	50.000	48.382	3.2	89	0.00
79	T	2-Chlorotoluene	50.000	47.417	5.2	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.051	1.9	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.296	5.4	88	0.00
82	T	4-Chlorotoluene	50.000	47.904	4.2	89	0.00
83	T	tert-Butylbenzene	50.000	48.054	3.9	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.714	0.6	91	0.00
85	T	sec-Butylbenzene	50.000	48.777	2.4	90	0.00
86	T	p-Isopropyltoluene	50.000	49.477	1.0	91	0.00
87	T	1,3-Dichlorobenzene	50.000	47.649	4.7	92	0.00
88	T	1,4-Dichlorobenzene	50.000	47.301	5.4	92	0.00
89	T	n-Butylbenzene	50.000	47.980	4.0	89	0.00
90	T	Hexachloroethane	50.000	46.615	6.8	91	0.00
91	T	1,2-Dichlorobenzene	50.000	47.720	4.6	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.643	4.7	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.340	5.3	90	0.00
94	T	Hexachlorobutadiene	50.000	47.066	5.9	95	0.00
95	T	Naphthalene	50.000	47.598	4.8	86	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022095.D
Acq On : 01 May 2025 08:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 01 12:52:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.678	4.6	91	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: CHEMTECH Contract: CAMP02

Lab Code: CHEM Case No.: Q1914 SAS No.: Q1914 SDG No.: Q1914

Instrument ID: MSVOA_Y Calibration Date/Time: 05/06/2025 09:14

Lab File ID: VY022170.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Benzene	1.387	1.468		5.84	20
Toluene	0.898	0.976		8.69	20
Ethyl Benzene	1.829	2.031		11.04	20
m/p-Xylenes	0.728	0.817		12.23	20
o-Xylene	0.671	0.744		10.88	20
Isopropylbenzene	3.341	3.536		5.84	20
n-propylbenzene	3.978	4.340		9.1	20
1,3,5-Trimethylbenzene	2.752	2.992		8.72	20
tert-Butylbenzene	2.469	2.618		6.03	20
1,2,4-Trimethylbenzene	2.753	3.014		9.48	20
sec-Butylbenzene	3.612	3.931		8.83	20
p-Isopropyltoluene	3.067	3.352		9.29	20
n-Butylbenzene	2.742	3.028		10.43	20
1,2-Dichloroethane-d4	0.462	0.462		0	20
Dibromofluoromethane	0.330	0.334		1.21	20
Toluene-d8	1.245	1.283		3.05	20
4-Bromofluorobenzene	0.419	0.436		4.06	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_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	239745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	360580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	331226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	184988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	110746	50.010	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.640	113	120311	50.504	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.000%			
50) Toluene-d8	10.109	98	462783	51.530	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.408	95	157189	51.992	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	90373	44.239	ug/l	98
3) Chloromethane	2.074	50	137200	47.167	ug/l	97
4) Vinyl Chloride	2.208	62	183551	51.350	ug/l	100
5) Bromomethane	2.598	94	140971	45.776	ug/l	98
6) Chloroethane	2.739	64	125216	51.436	ug/l	99
7) Trichlorofluoromethane	3.062	101	227379	48.240	ug/l	99
8) Diethyl Ether	3.458	74	57631	46.976	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	126132	49.329	ug/l	98
10) Methyl Iodide	4.007	142	142230	48.044	ug/l	98
11) Tert butyl alcohol	4.866	59	29710	244.379	ug/l	100
12) 1,1-Dichloroethene	3.793	96	114957	48.234	ug/l	94
13) Acrolein	3.659	56	20342	93.226	ug/l	97
14) Allyl chloride	4.385	41	143009	51.533	ug/l	97
15) Acrylonitrile	5.061	53	114463	254.854	ug/l	99
16) Acetone	3.873	43	92493	325.552	ug/l	99
17) Carbon Disulfide	4.110	76	354211	46.612	ug/l	99
18) Methyl Acetate	4.391	43	59387	57.410	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	268286	50.294	ug/l	99
20) Methylene Chloride	4.616	84	126376	45.132	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	133224	49.912	ug/l	94
22) Diisopropyl ether	6.025	45	334127	54.103	ug/l	96
23) Vinyl Acetate	5.964	43	892371	268.116	ug/l	98
24) 1,1-Dichloroethane	5.921	63	221609	51.769	ug/l	99
25) 2-Butanone	6.903	43	135410	268.255	ug/l	96
26) 2,2-Dichloropropane	6.884	77	198938	53.023	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	150949	50.577	ug/l	95
28) Bromochloromethane	7.244	49	83906	50.463	ug/l	96
29) Tetrahydrofuran	7.262	42	89042	271.597	ug/l	99
30) Chloroform	7.427	83	244222	51.434	ug/l	99
31) Cyclohexane	7.707	56	185967	50.801	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	217798	50.699	ug/l	99
36) 1,1-Dichloropropene	7.841	75	171489	53.592	ug/l	98
37) Ethyl Acetate	6.982	43	62672	54.533	ug/l	97
38) Carbon Tetrachloride	7.823	117	203555	53.235	ug/l	97
39) Methylcyclohexane	9.109	83	217351	53.975	ug/l	94
40) Benzene	8.085	78	529500	52.935	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	32904	52.375	ug/l		95
42) 1,2-Dichloroethane	8.165	62	131950	53.280	ug/l		98
43) Isopropyl Acetate	8.201	43	118191	53.552	ug/l		99
44) Trichloroethene	8.866	130	144198	52.045	ug/l		99
45) 1,2-Dichloropropane	9.146	63	121282	54.827	ug/l		98
46) Dibromomethane	9.237	93	73119	52.804	ug/l		97
47) Bromodichloromethane	9.426	83	184993	53.477	ug/l		99
48) Methyl methacrylate	9.225	41	56815	55.686	ug/l		97
49) 1,4-Dioxane	9.231	88	15422	1044.921	ug/l		94
51) 4-Methyl-2-Pentanone	10.000	43	329679	284.953	ug/l		98
52) Toluene	10.176	92	351869	54.344	ug/l		100
53) t-1,3-Dichloropropene	10.396	75	163371	55.059	ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	189466	53.717	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	99416	53.748	ug/l		97
56) Ethyl methacrylate	10.445	69	115554	54.630	ug/l		96
57) 1,3-Dichloropropane	10.719	76	158472	53.442	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	283721	274.338	ug/l		99
59) 2-Hexanone	10.762	43	221418	290.152	ug/l		98
60) Dibromochloromethane	10.914	129	135560	52.935	ug/l		100
61) 1,2-Dibromoethane	11.018	107	92378	52.902	ug/l		100
64) Tetrachloroethene	10.652	164	162239	51.922	ug/l		99
65) Chlorobenzene	11.444	112	390272	52.689	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	136983	52.530	ug/l		98
67) Ethyl Benzene	11.524	91	672576	55.508	ug/l		99
68) m/p-Xylenes	11.633	106	541347	112.277	ug/l		100
69) o-Xylene	11.957	106	246335	55.432	ug/l		98
70) Styrene	11.969	104	423444	56.750	ug/l		99
71) Bromoform	12.133	173	79117	52.185	ug/l	#	100
73) Isopropylbenzene	12.255	105	654161	52.929	ug/l		100
74) N-amyl acetate	12.072	43	109786	51.702	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	106920	51.312	ug/l		99
76) 1,2,3-Trichloropropane	12.560	75	73028m	46.089	ug/l		
77) Bromobenzene	12.536	156	155166	49.685	ug/l		96
78) n-propylbenzene	12.597	91	802900	54.551	ug/l		99
79) 2-Chlorotoluene	12.682	91	452344	52.846	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	553534	54.357	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	33948	51.594	ug/l		98
82) 4-Chlorotoluene	12.780	91	474107	53.283	ug/l		99
83) tert-Butylbenzene	12.999	119	484239	53.022	ug/l		96
84) 1,2,4-Trimethylbenzene	13.048	105	557633	54.747	ug/l		100
85) sec-Butylbenzene	13.176	105	727224	54.416	ug/l		99
86) p-Isopropyltoluene	13.292	119	620080	54.641	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	327645	51.656	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	323350	51.473	ug/l		99
89) n-Butylbenzene	13.621	91	560229	55.231	ug/l		100
90) Hexachloroethane	13.883	117	129569	51.967	ug/l		97
91) 1,2-Dichlorobenzene	13.664	146	284643	51.452	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	16698	50.369	ug/l		89
93) 1,2,4-Trichlorobenzene	14.925	180	157369	50.198	ug/l		100
94) Hexachlorobutadiene	15.029	225	95951	49.746	ug/l		99
95) Naphthalene	15.145	128	259824	49.892	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	135284	49.992	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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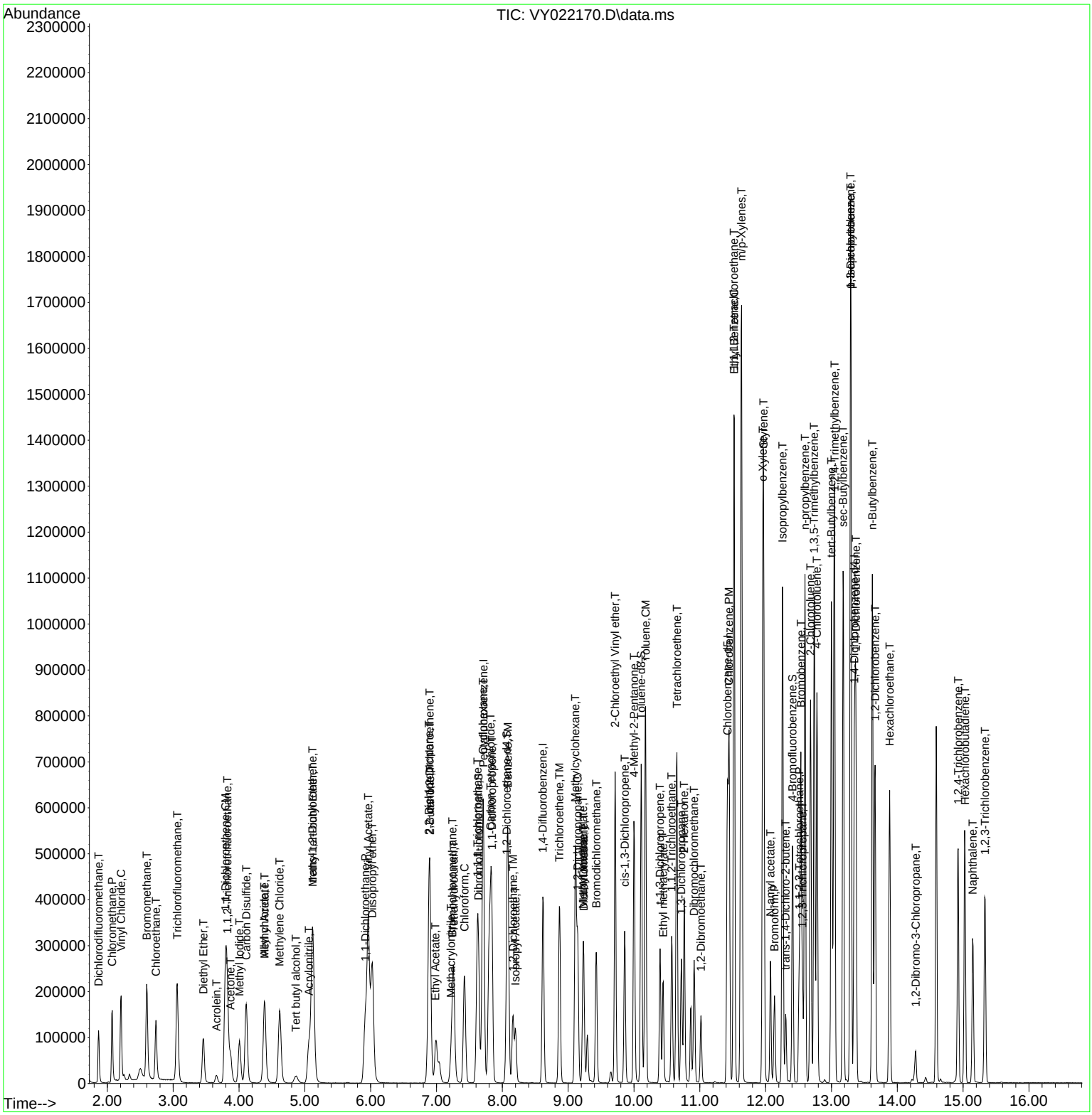

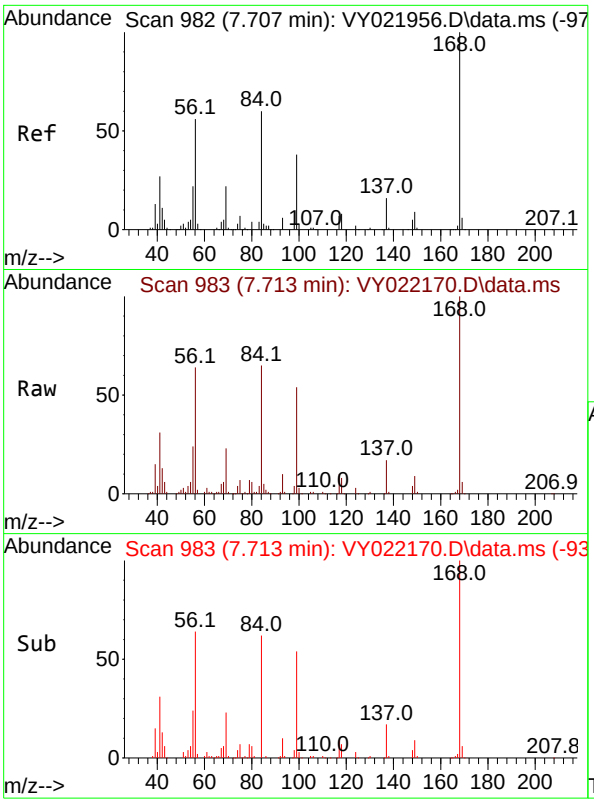

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:168 Resp: 23974

Ion	Ratio	Lower	Upper
168	100		
99	54.1	43.1	64.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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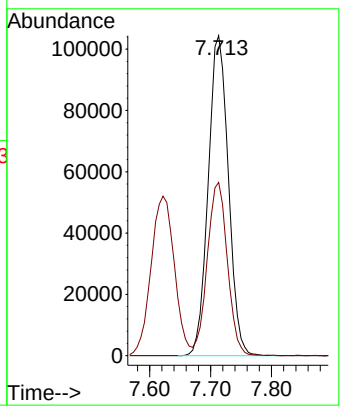
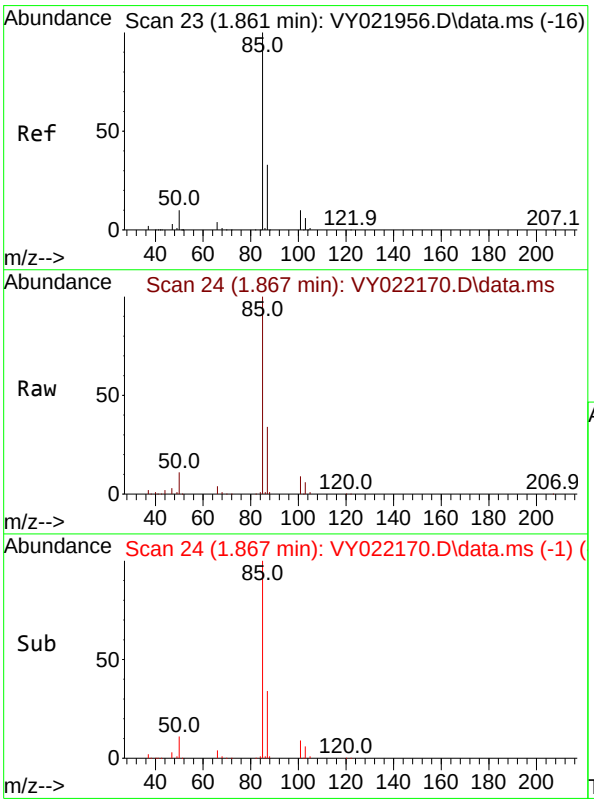
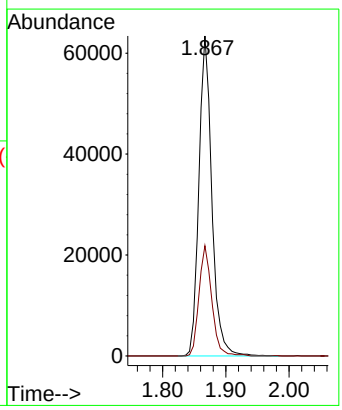


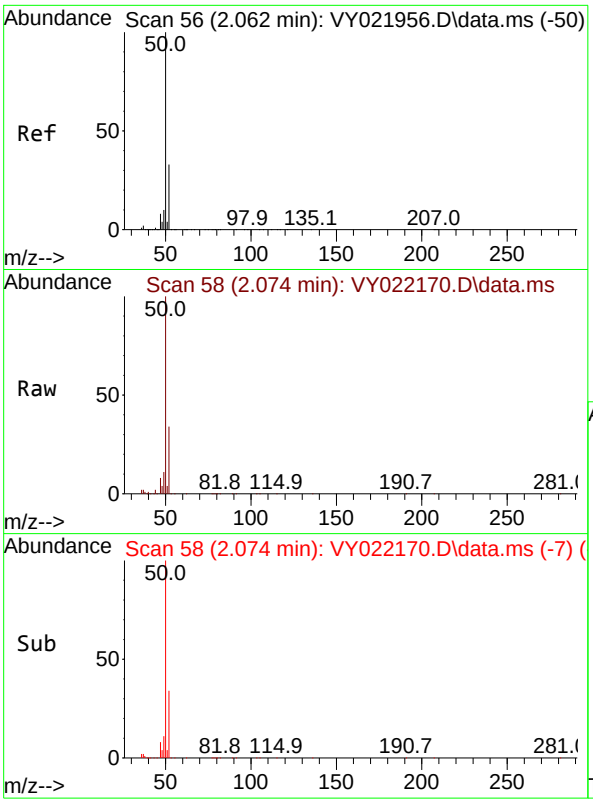


#2
Dichlorodifluoromethane
Concen: 44.239 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 85 Resp: 90373

Ion	Ratio	Lower	Upper
85	100		
87	34.4	16.6	49.7

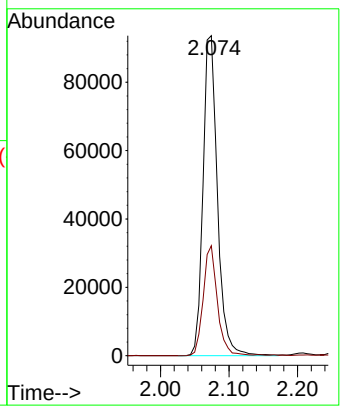




#3
Chloromethane
Concen: 47.167 ug/l
RT: 2.074 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 50 Resp: 13720

Ion	Ratio	Lower	Upper
50	100		
52	34.4	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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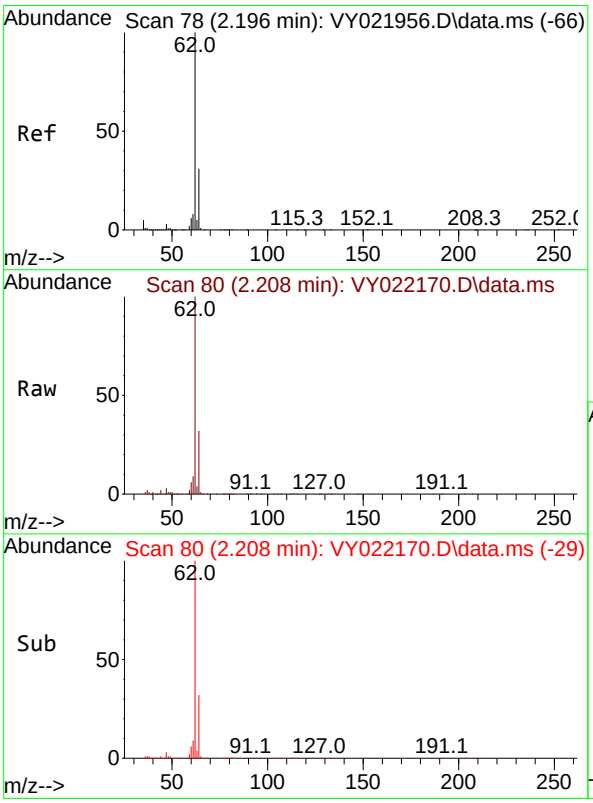
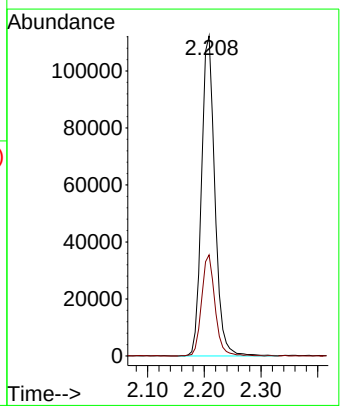
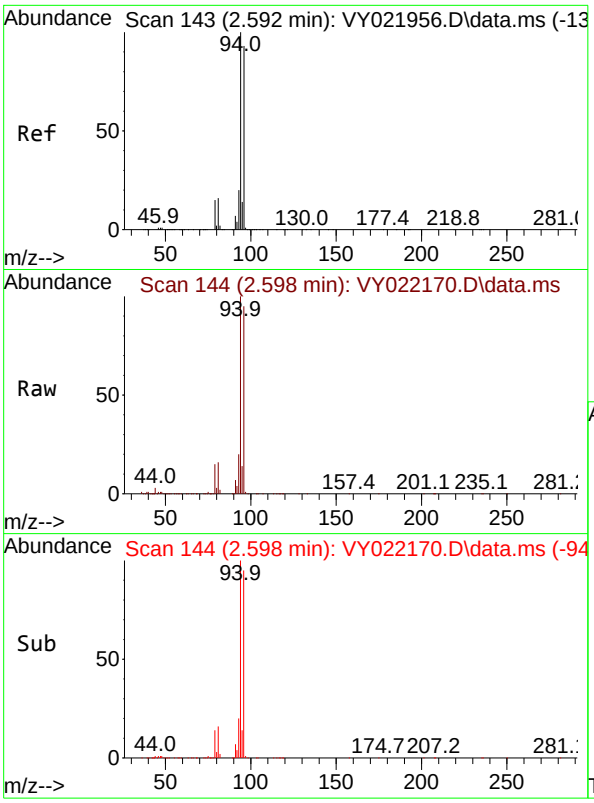


#4
Vinyl Chloride
Concen: 51.350 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 62 Resp: 183551

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.1	37.7





#5
Bromomethane
Concen: 45.776 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 94 Resp: 14097

Ion	Ratio	Lower	Upper
94	100		
96	95.4	74.6	111.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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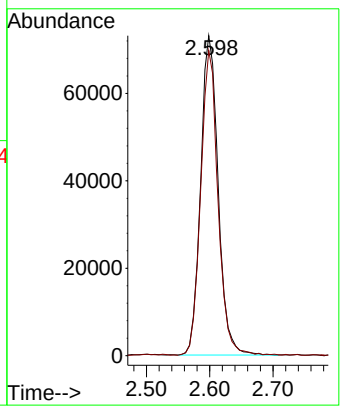
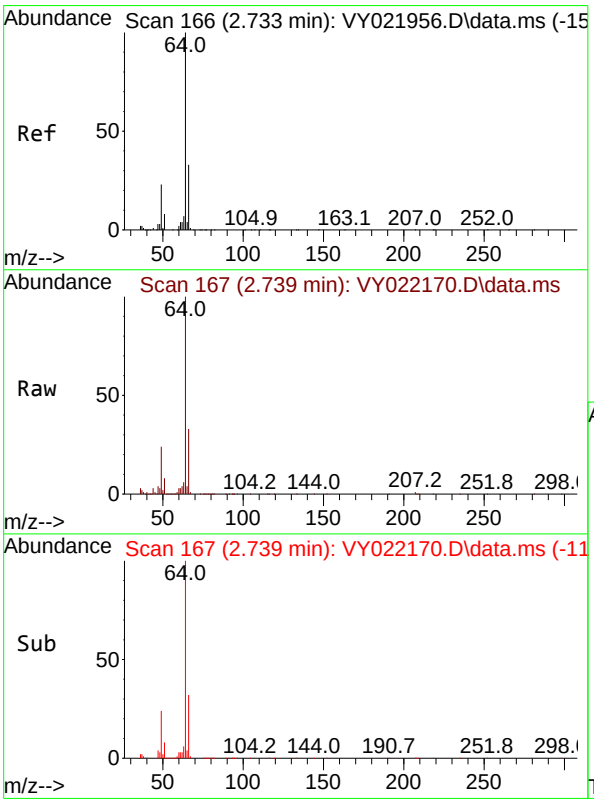
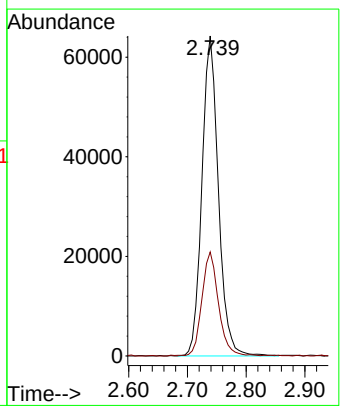


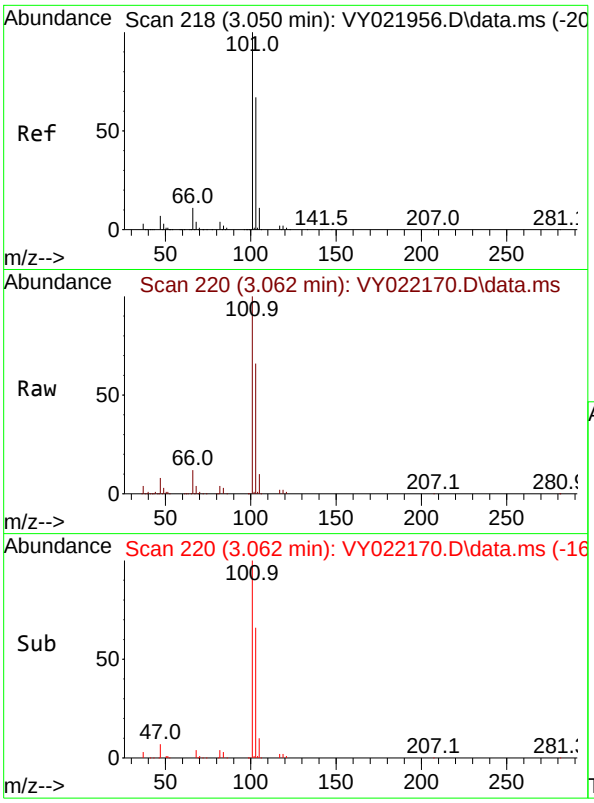


#6
Chloroethane
Concen: 51.436 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 64 Resp: 125216

Ion	Ratio	Lower	Upper
64	100		
66	32.3	26.2	39.4

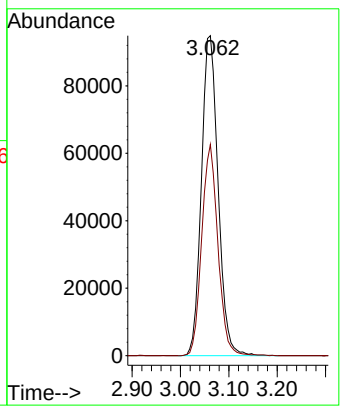




#7
Trichlorofluoromethane
Concen: 48.240 ug/l
RT: 3.062 min Scan# 2
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:101 Resp: 22737

Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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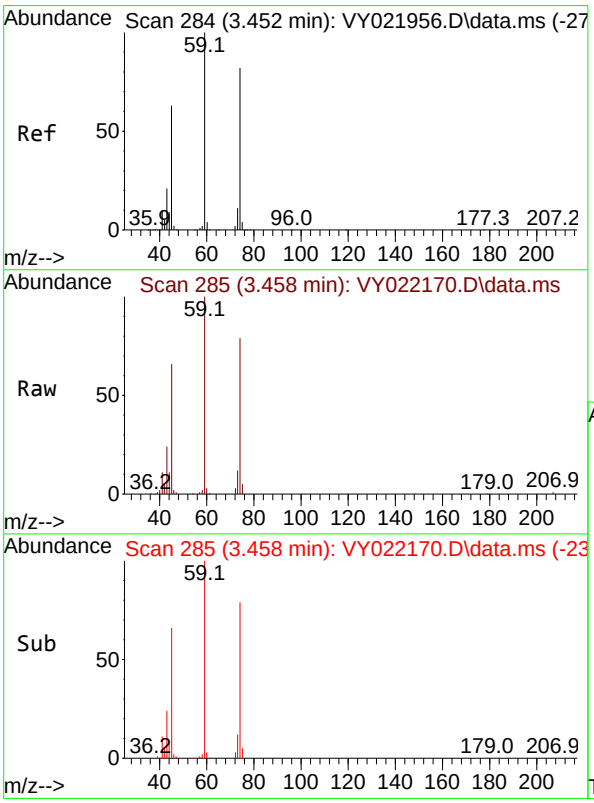
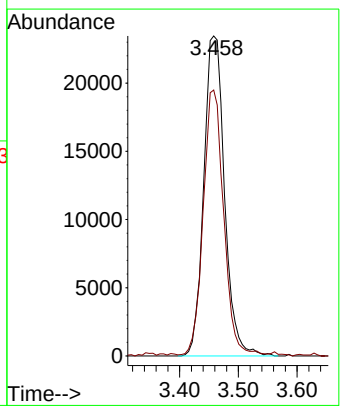
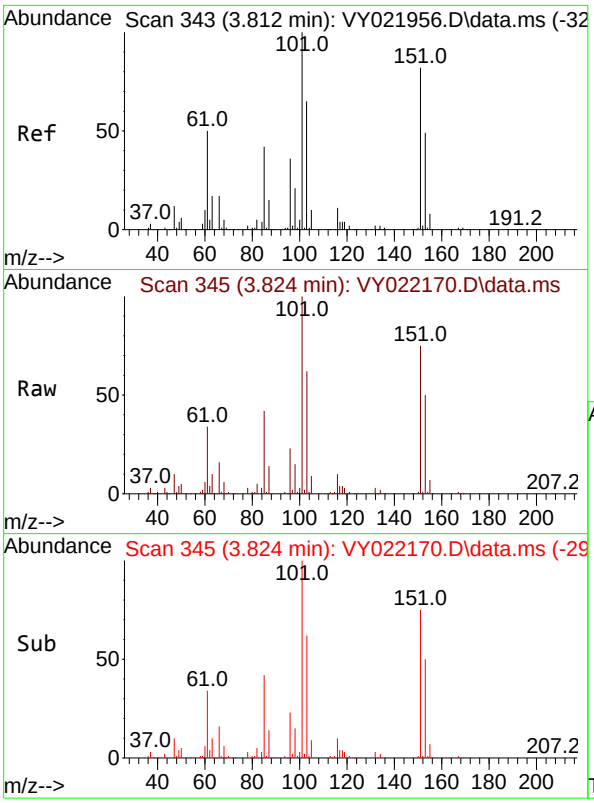


#8
Diethyl Ether
Concen: 46.976 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 74 Resp: 57631

Ion	Ratio	Lower	Upper
74	100		
45	81.2	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.329 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:101 Resp: 12613

Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.6	51.8
151	77.5	63.7	95.5

Instrument :
MSVOA_Y
ClientSampleId :
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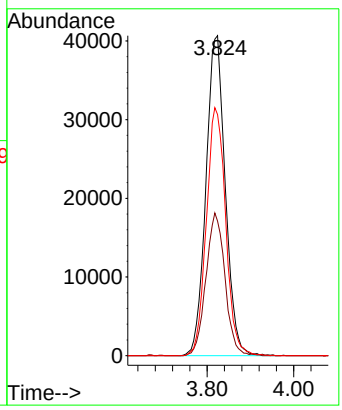
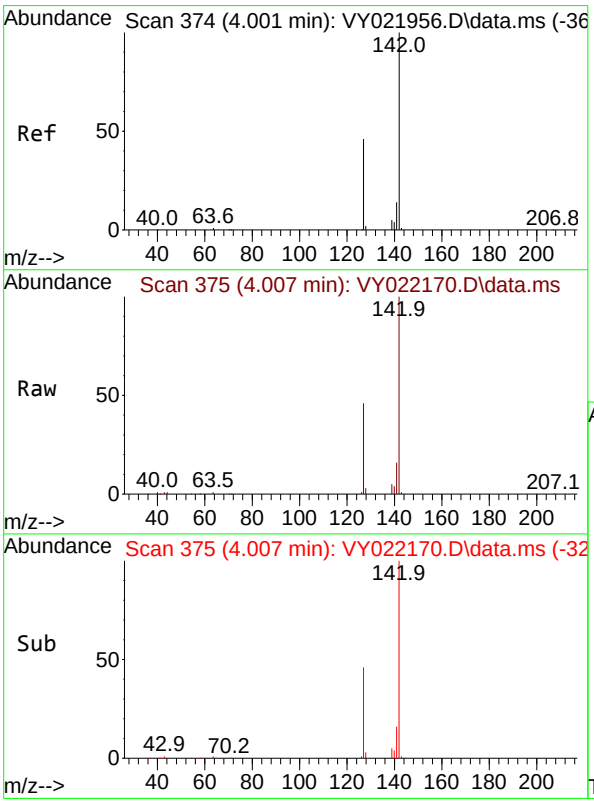
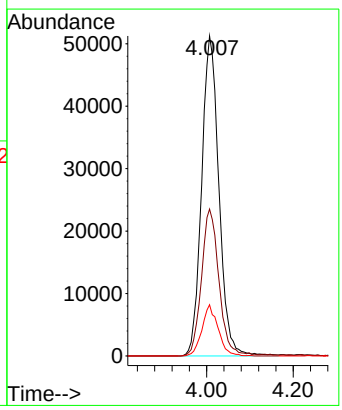


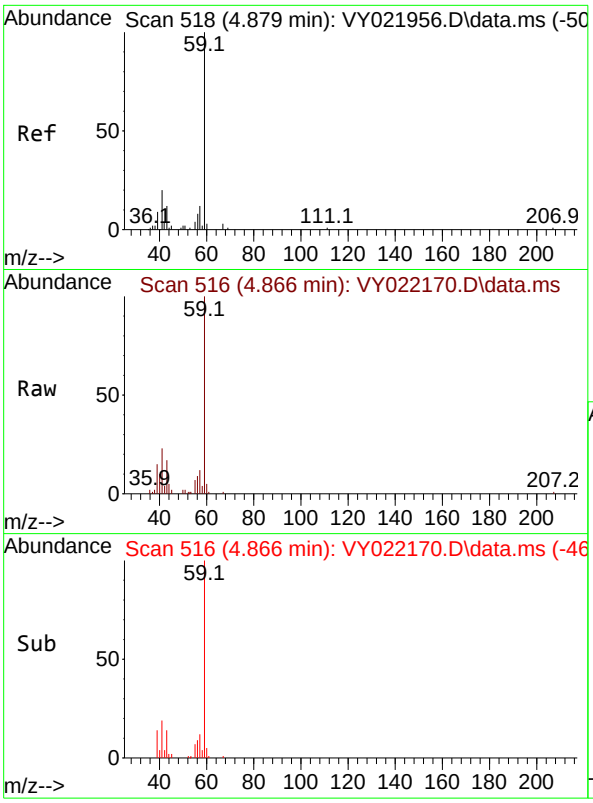


#10
Methyl Iodide
Concen: 48.044 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:142 Resp: 142230

Ion	Ratio	Lower	Upper
142	100		
127	46.4	36.2	54.2
141	15.0	11.7	17.5

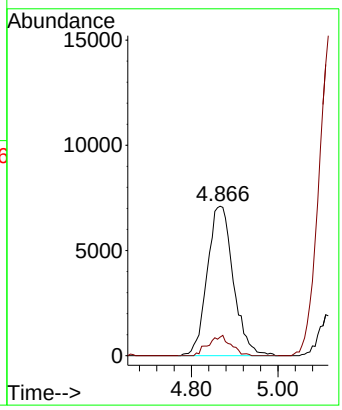




#11
Tert butyl alcohol
Concen: 244.379 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 59 Resp: 2971

Ion	Ratio	Lower	Upper
59	100		
57	11.7	9.3	13.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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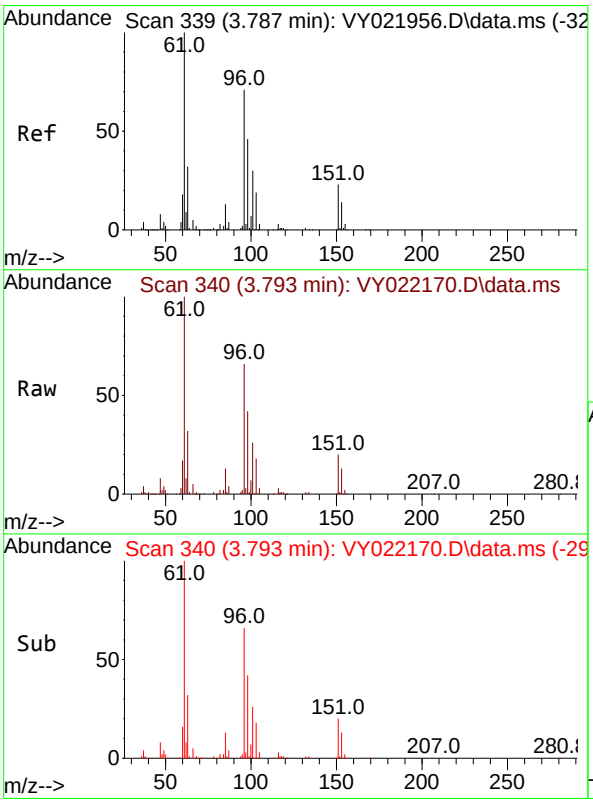
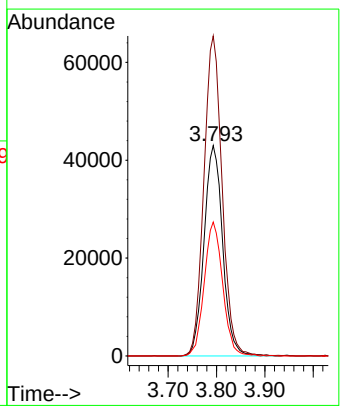
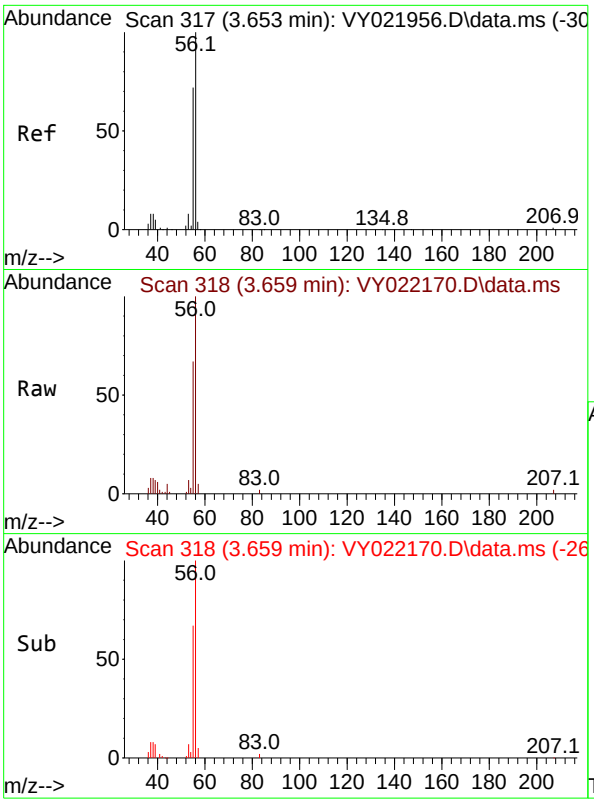


#12
1,1-Dichloroethene
Concen: 48.234 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 96 Resp: 114957

Ion	Ratio	Lower	Upper
96	100		
61	152.1	113.0	169.4
98	63.7	51.4	77.2

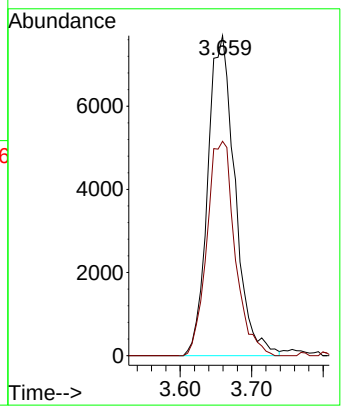




#13
Acrolein
Concen: 93.226 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 56 Resp: 2034

Ion	Ratio	Lower	Upper
56	100		
55	69.0	57.4	86.0



Instrument :
MSVOA_Y
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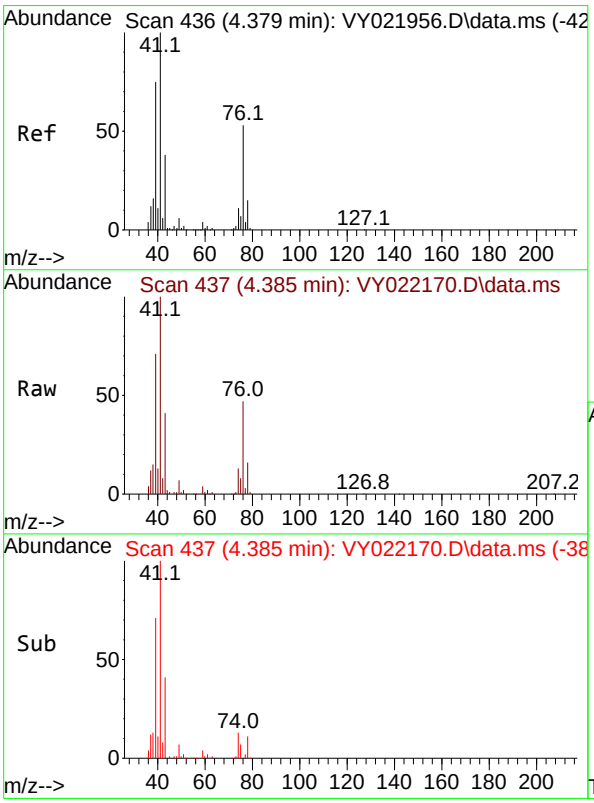
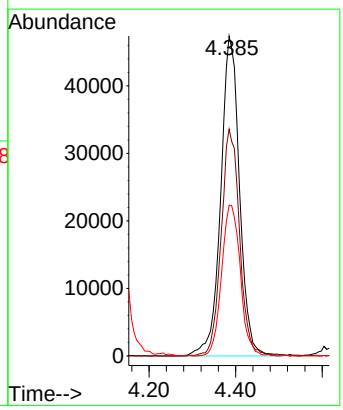
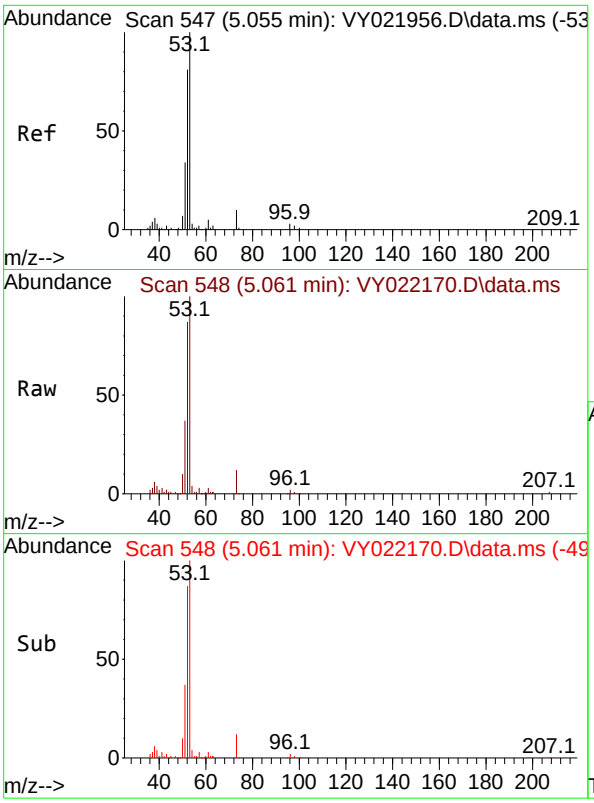


#14
Allyl chloride
Concen: 51.533 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 41 Resp: 143009

Ion	Ratio	Lower	Upper
41	100		
39	69.3	57.2	85.8
76	47.0	39.7	59.5

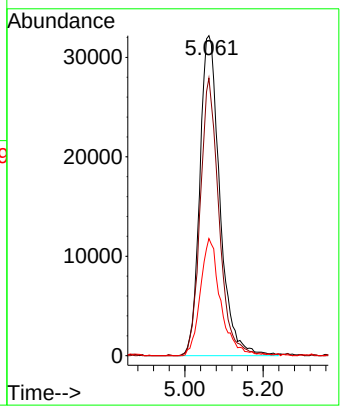




#15
Acrylonitrile
Concen: 254.854 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 53 Resp: 11446

Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.0	97.6
51	36.8	28.9	43.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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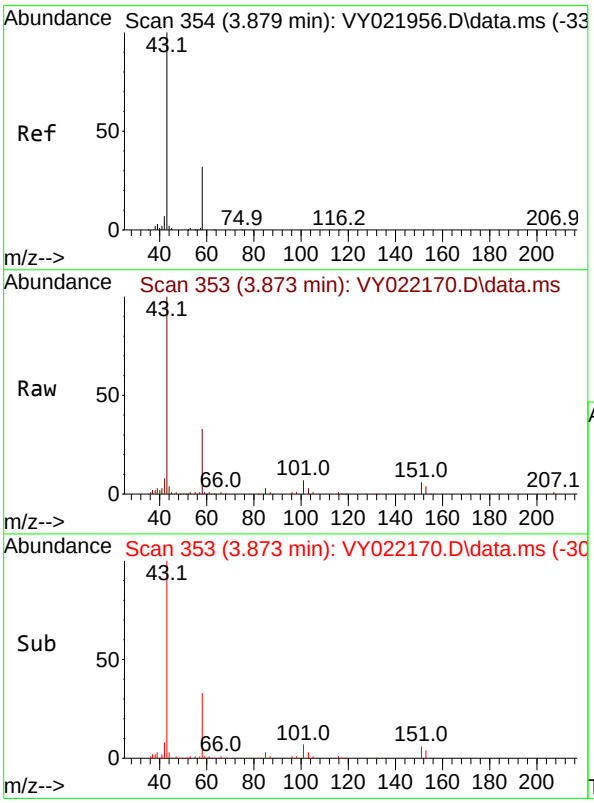
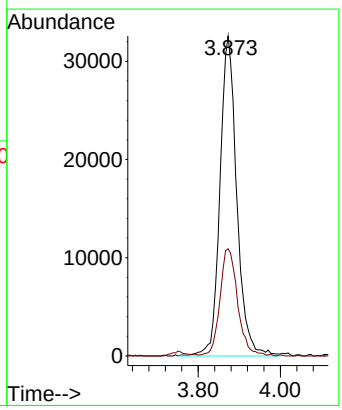
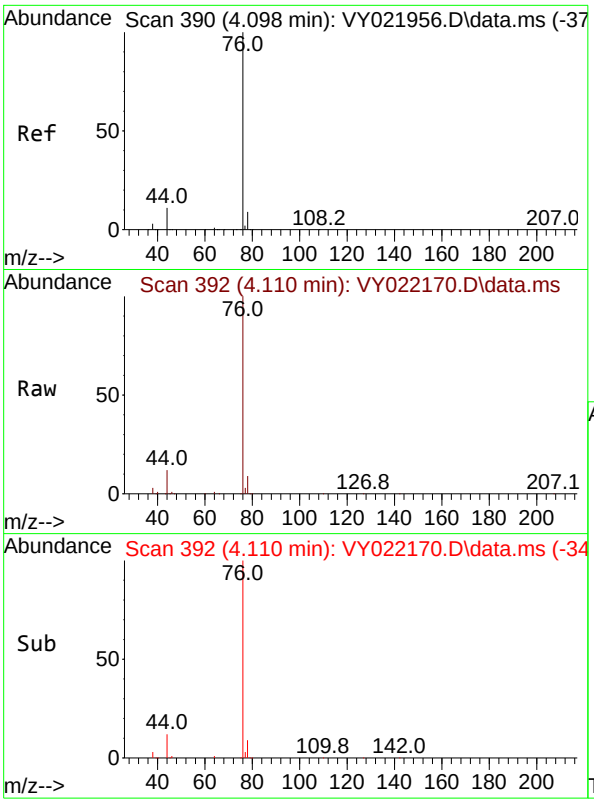


#16
Acetone
Concen: 325.552 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 92493

Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.0	40.4

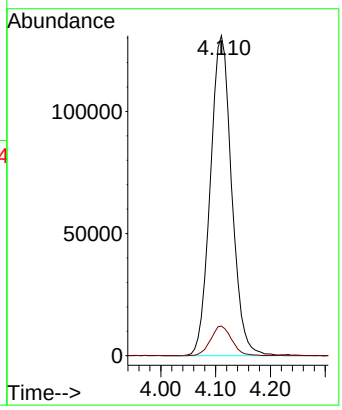




#17
Carbon Disulfide
Concen: 46.612 ug/l
RT: 4.110 min Scan# 3
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 76 Resp: 35421

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.6	11.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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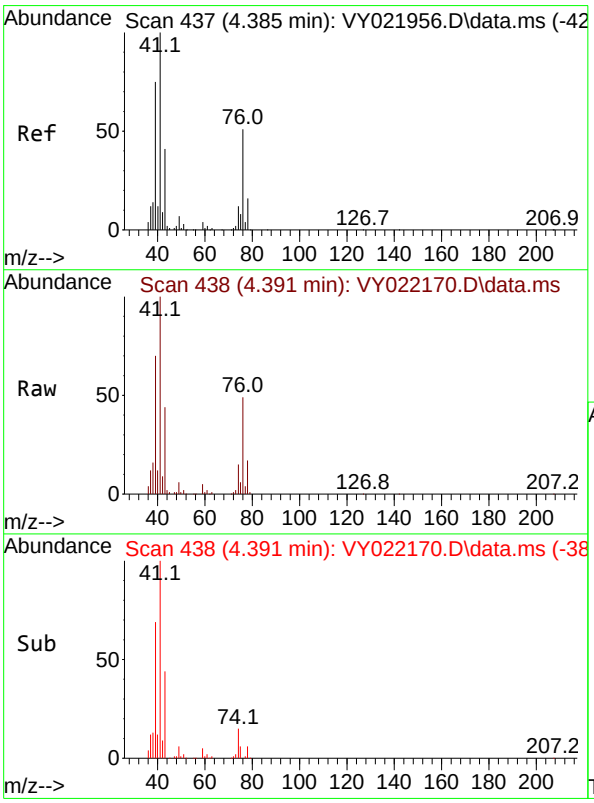
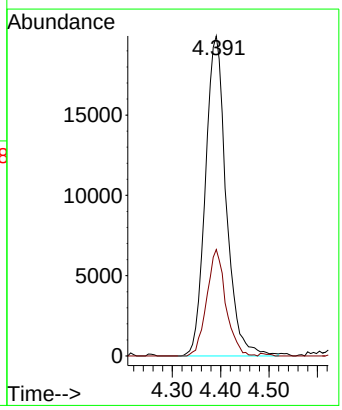
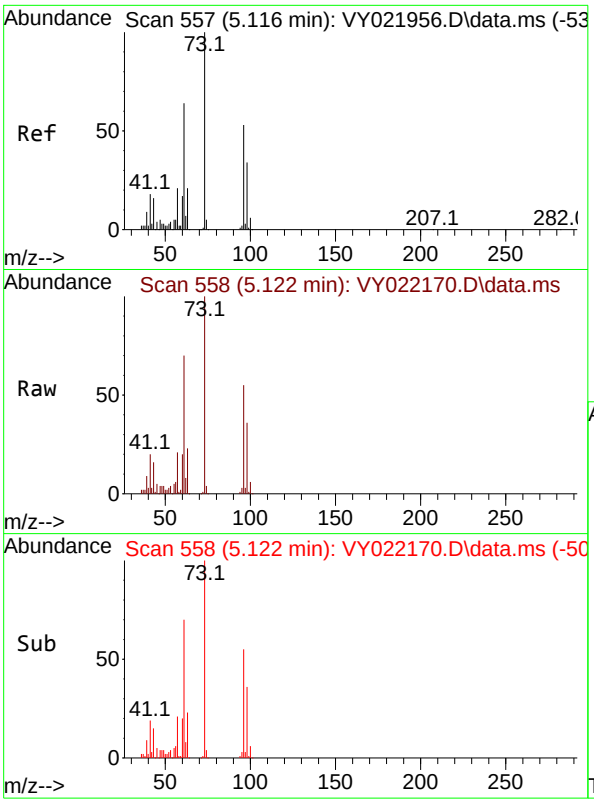


#18
Methyl Acetate
Concen: 57.410 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 59387

Ion	Ratio	Lower	Upper
43	100		
74	30.6	24.2	36.4

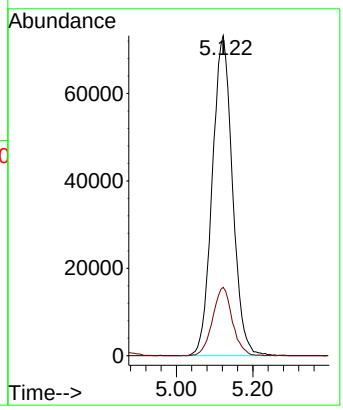




#19
Methyl tert-butyl Ether
Concen: 50.294 ug/l
RT: 5.122 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 73 Resp: 26828

Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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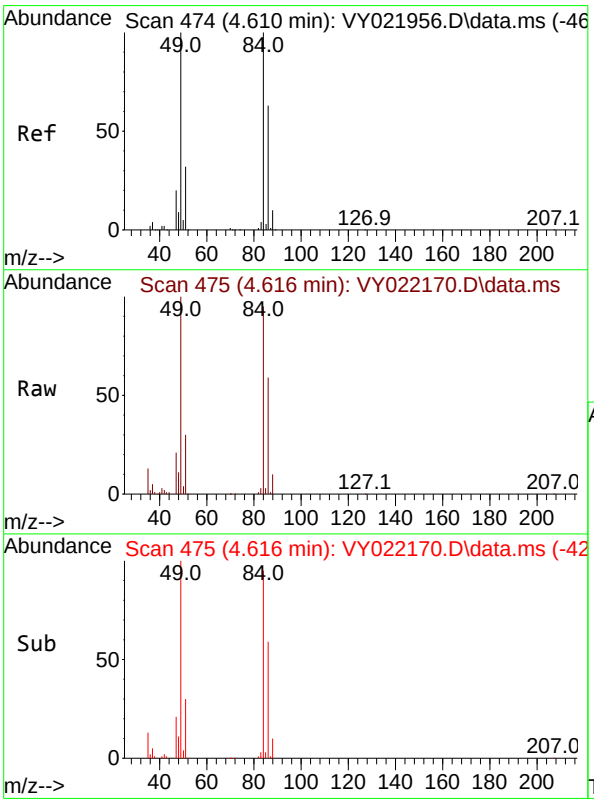
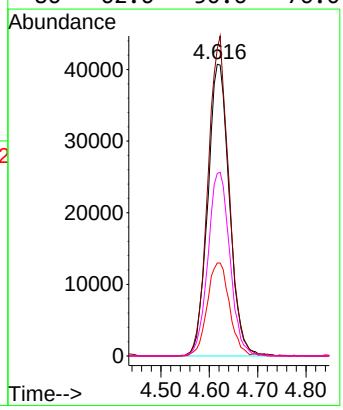
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

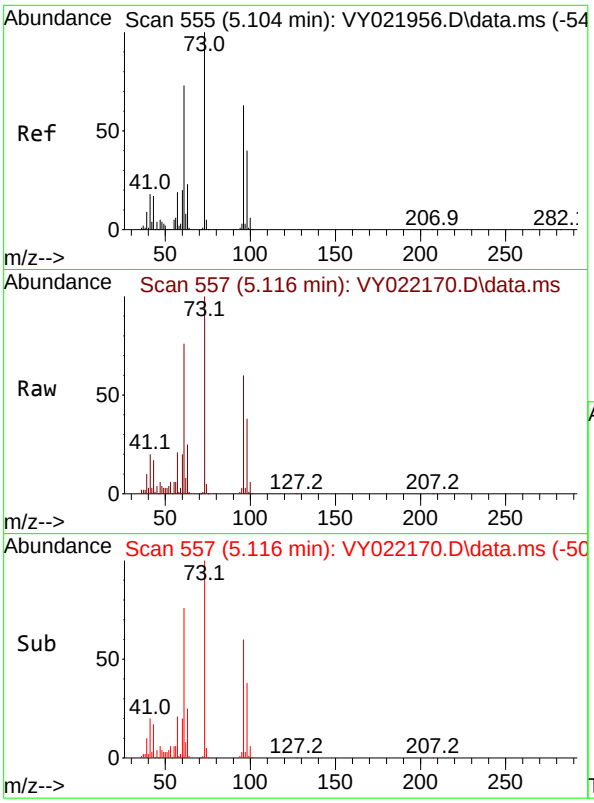


#20
Methylene Chloride
Concen: 45.132 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 84 Resp: 126376

Ion	Ratio	Lower	Upper
84	100		
49	105.3	79.9	119.9
51	31.8	25.4	38.0
86	62.6	50.6	76.0

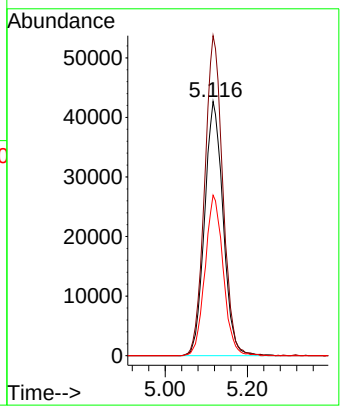




#21
trans-1,2-Dichloroethene
Concen: 49.912 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 96 Resp: 13322

Ion	Ratio	Lower	Upper
96	100		
61	125.9	92.6	138.8
98	63.1	50.2	75.4



Instrument :
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ClientSampleId :
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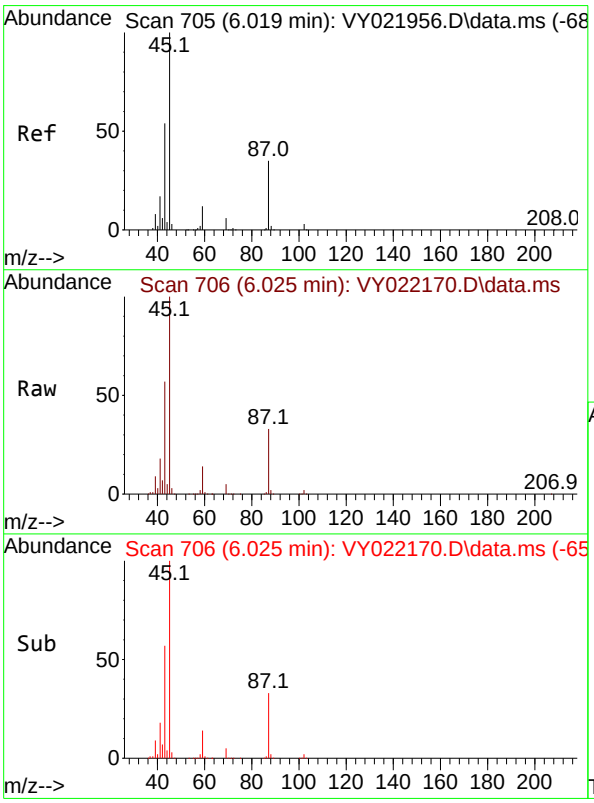
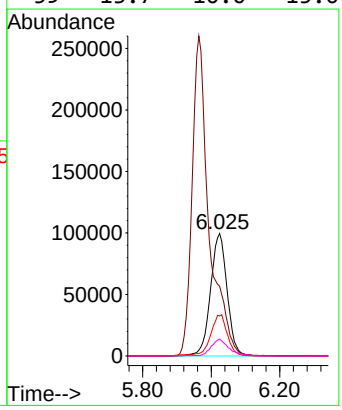
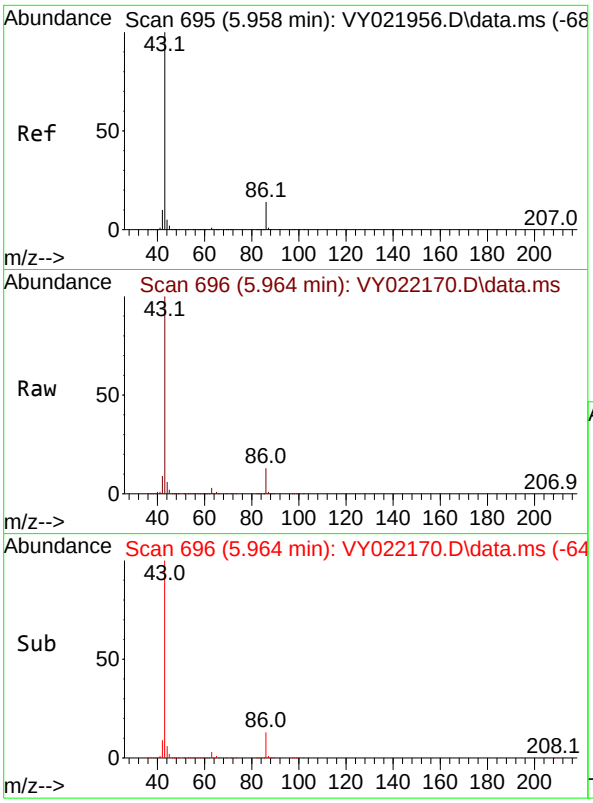


#22
Diisopropyl ether
Concen: 54.103 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 45 Resp: 334127

Ion	Ratio	Lower	Upper
45	100		
43	56.9	43.6	65.4
87	32.8	28.2	42.4
59	13.7	10.0	15.0





#23
Vinyl Acetate
Concen: 268.116 ug/l
RT: 5.964 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 89237

Ion	Ratio	Lower	Upper
43	100		
86	13.2	11.1	16.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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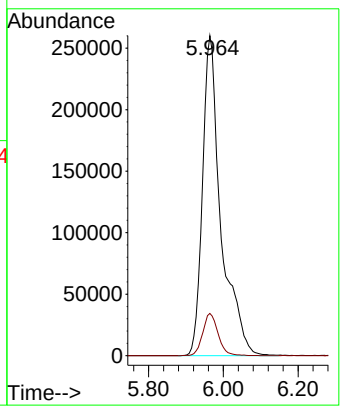
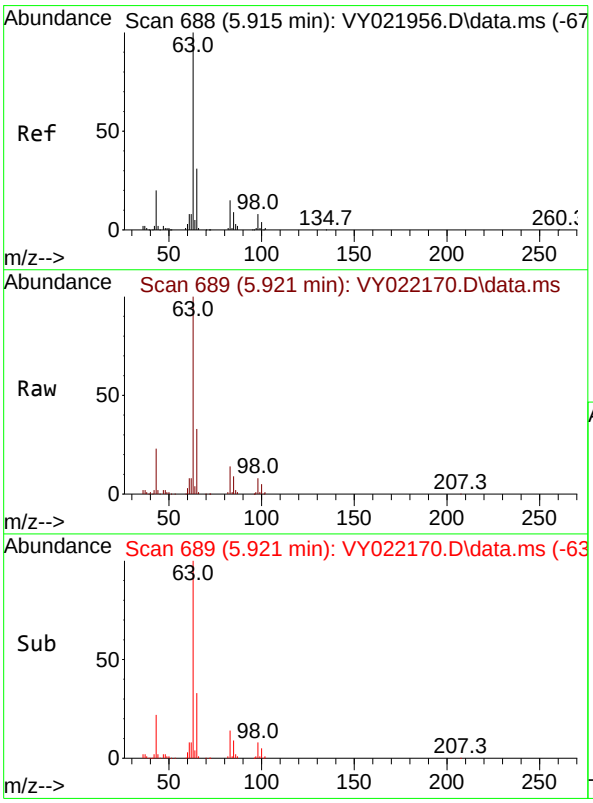
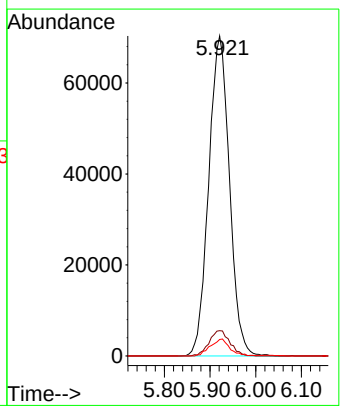


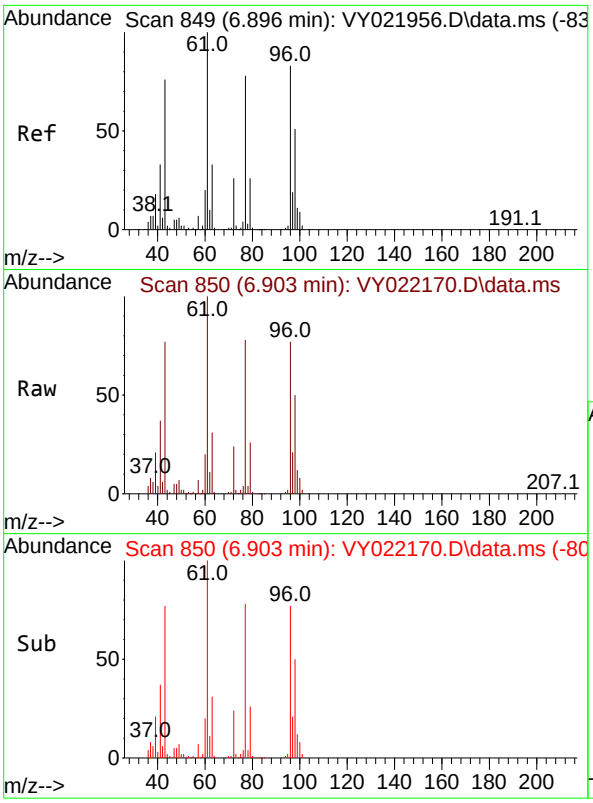


#24
1,1-Dichloroethane
Concen: 51.769 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 63 Resp: 221609

Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	11.9
100	5.1	2.0	6.0





#25
2-Butanone
Concen: 268.255 ug/l
RT: 6.903 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 13541

Ion	Ratio	Lower	Upper
43	100		
72	31.2	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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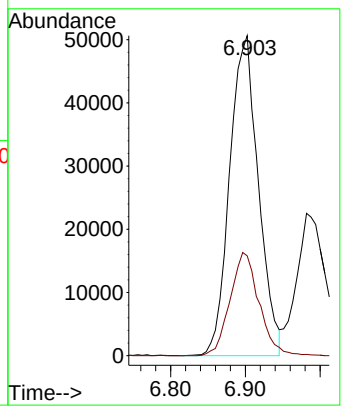
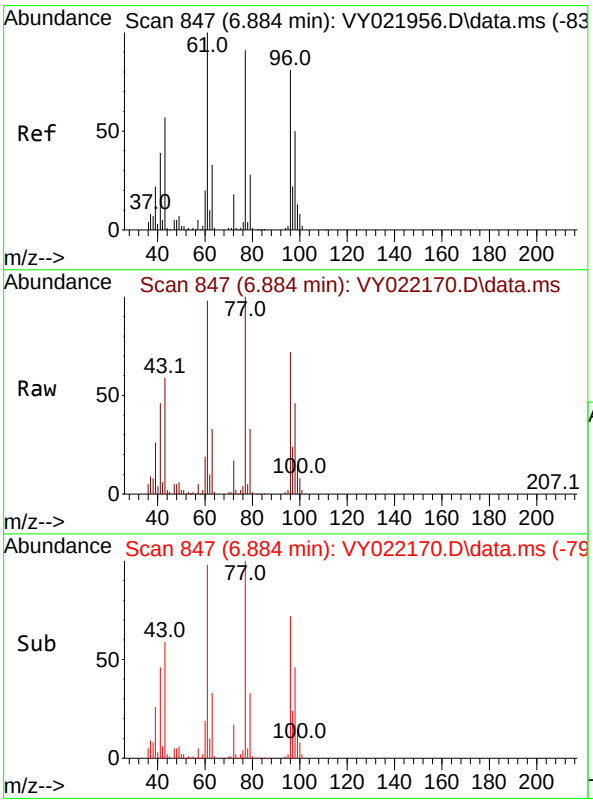
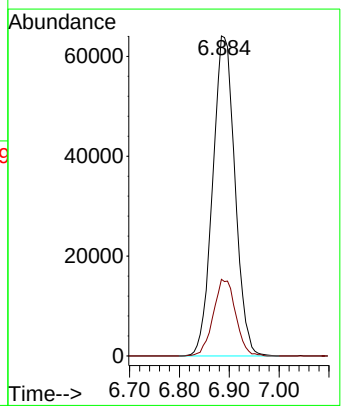


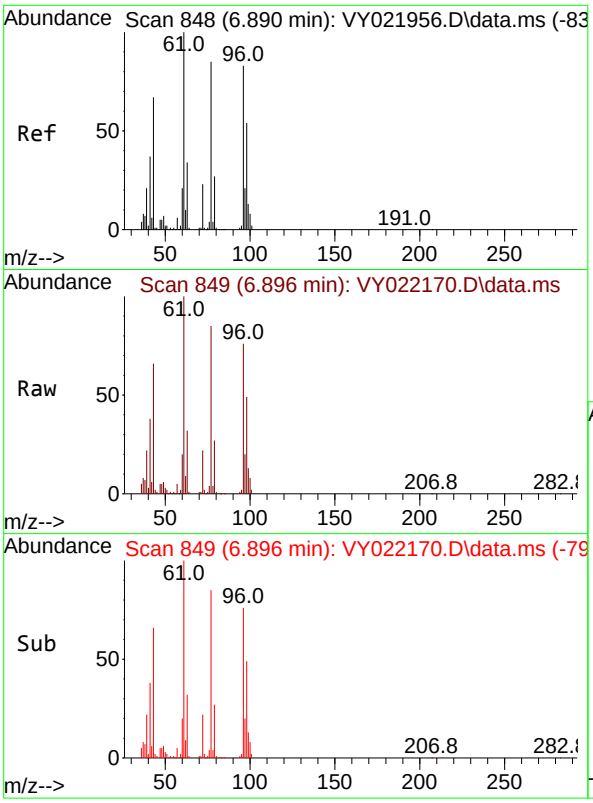


#26
2,2-Dichloropropane
Concen: 53.023 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 77 Resp: 198938

Ion	Ratio	Lower	Upper
77	100		
97	24.1	12.4	37.4

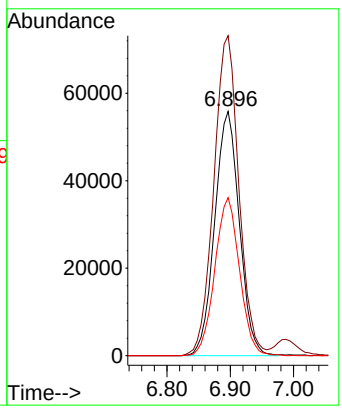




#27
cis-1,2-Dichloroethene
Concen: 50.577 ug/l
RT: 6.896 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 96 Resp: 15094

Ion	Ratio	Lower	Upper
96	100		
61	133.1	0.0	251.4
98	64.8	0.0	128.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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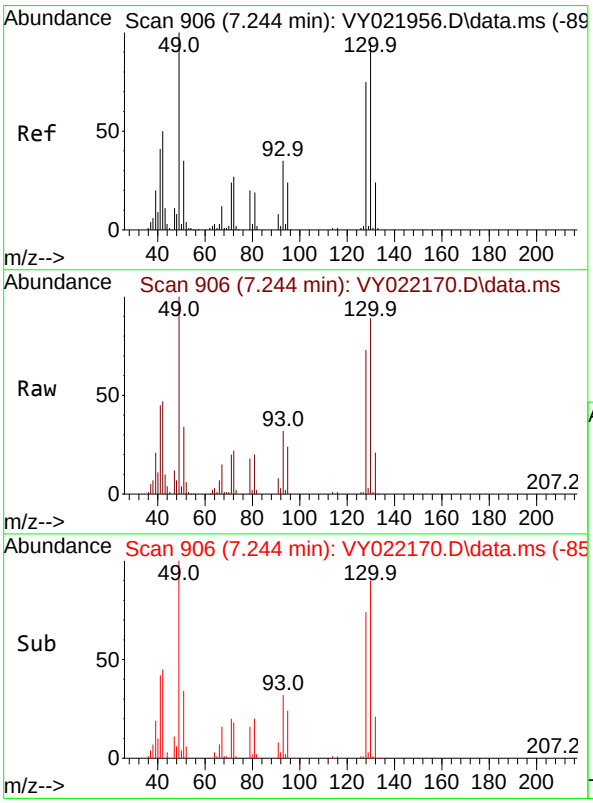
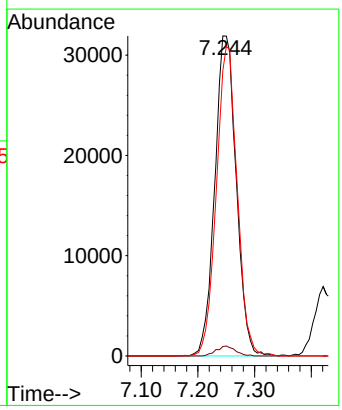
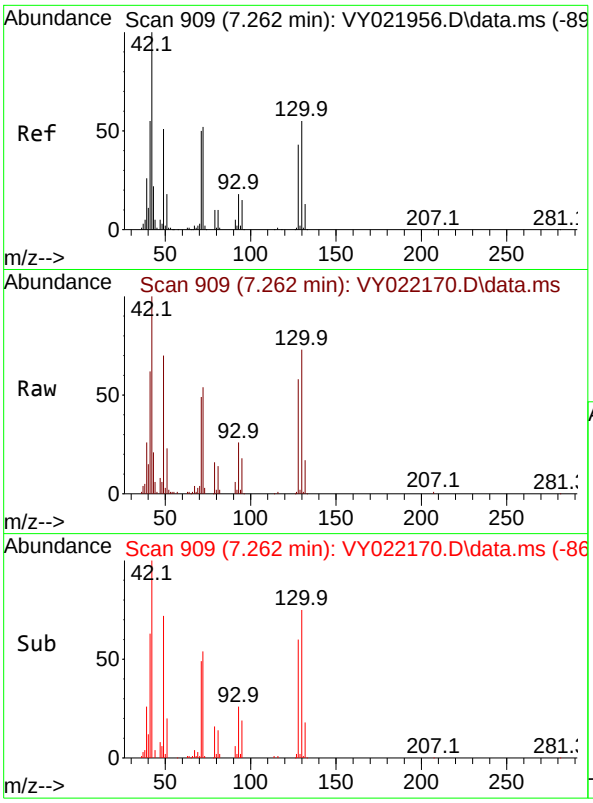


#28
Bromochloromethane
Concen: 50.463 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 49 Resp: 83906

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	93.7	78.2	117.4

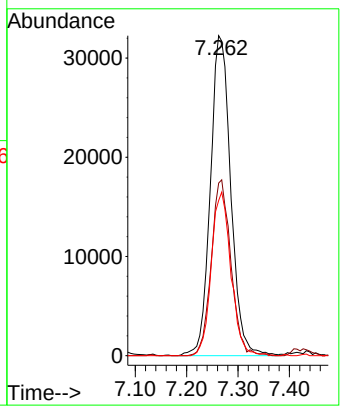




#29
Tetrahydrofuran
Concen: 271.597 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 42 Resp: 8904

Ion	Ratio	Lower	Upper
42	100		
72	52.9	42.6	63.8
71	49.2	40.6	61.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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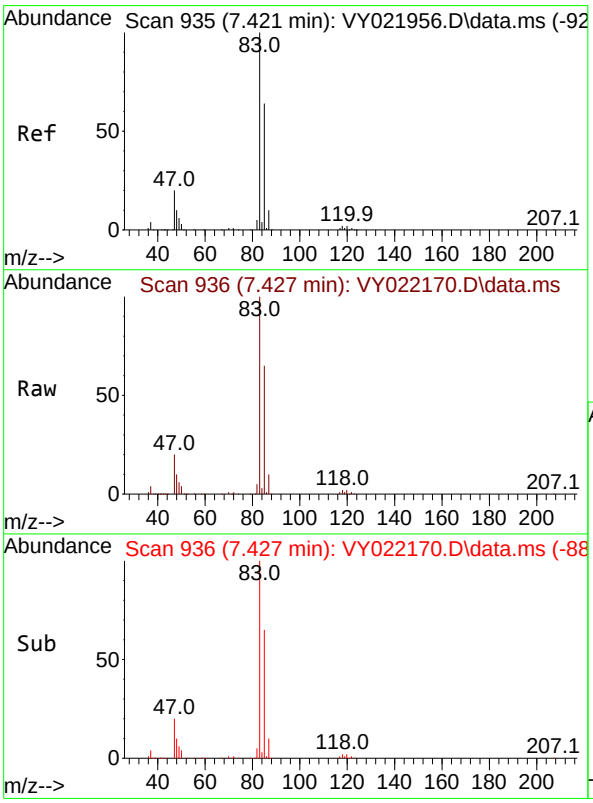
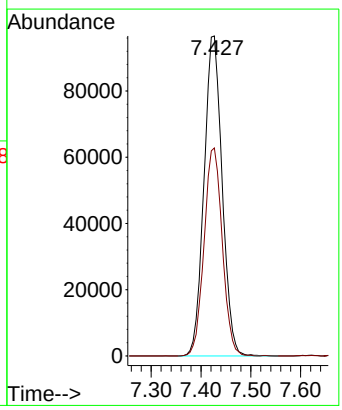
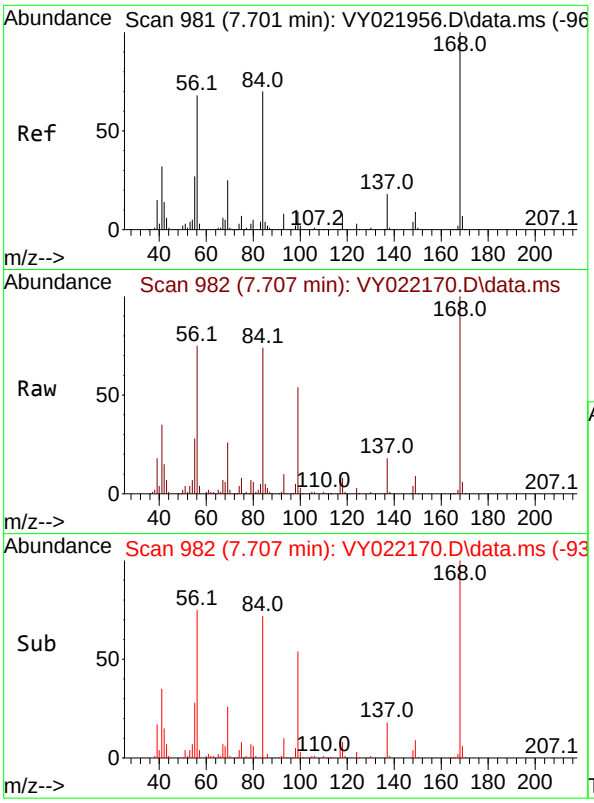


#30
Chloroform
Concen: 51.434 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 83 Resp: 244222

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.3	76.9





#31
Cyclohexane
Concen: 50.801 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 56 Resp: 18596

Ion	Ratio	Lower	Upper
56	100		
69	34.6	29.4	44.2
84	97.4	82.2	123.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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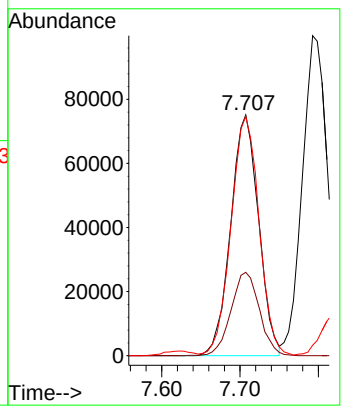
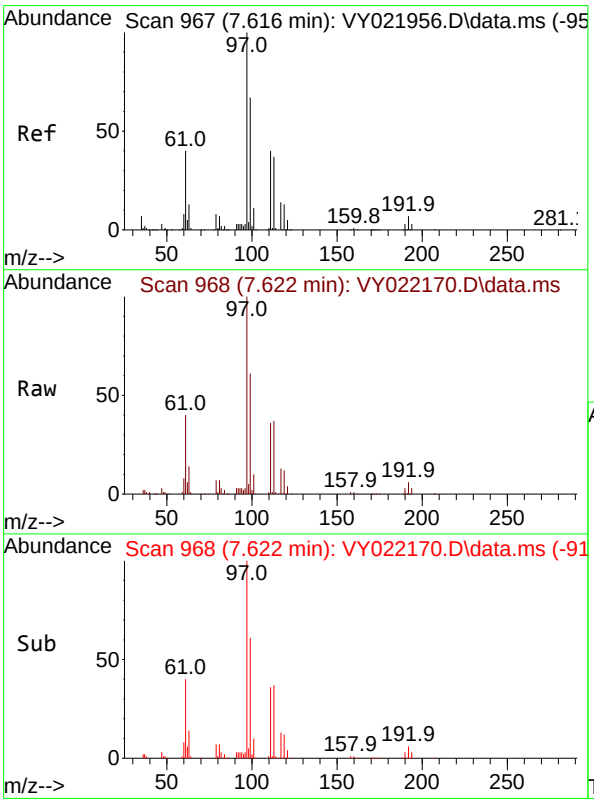
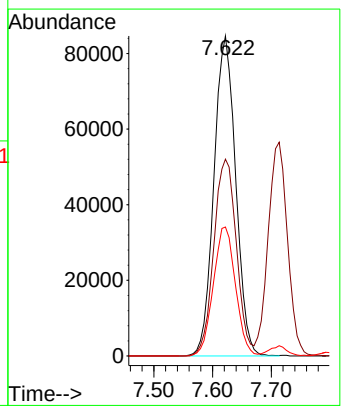


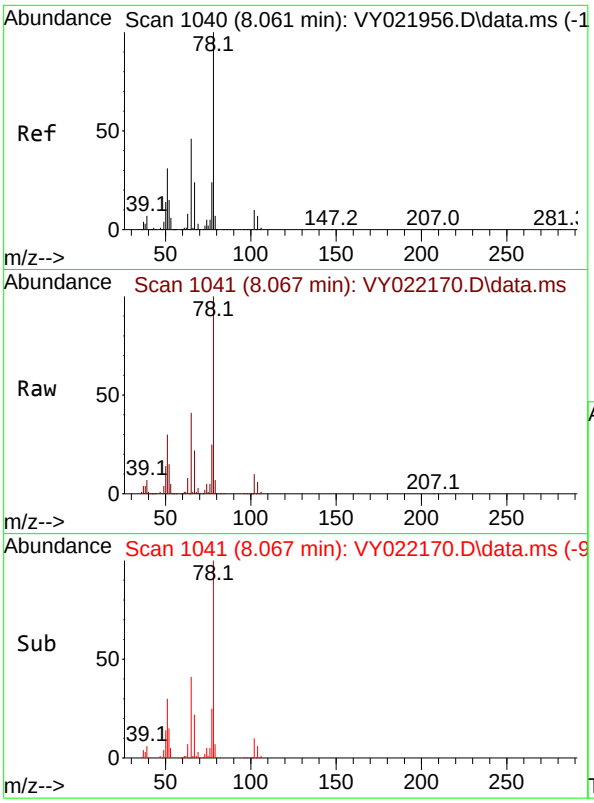


#32
1,1,1-Trichloroethane
Concen: 50.699 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 97 Resp: 217798

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.2
61	41.1	31.4	47.2

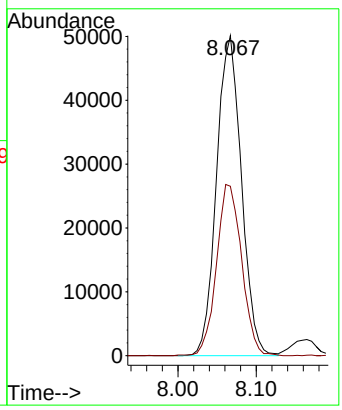




#33
1,2-Dichloroethane-d4
Concen: 50.010 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 65 Resp: 11074

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	105.8



Instrument :
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ClientSampleId :
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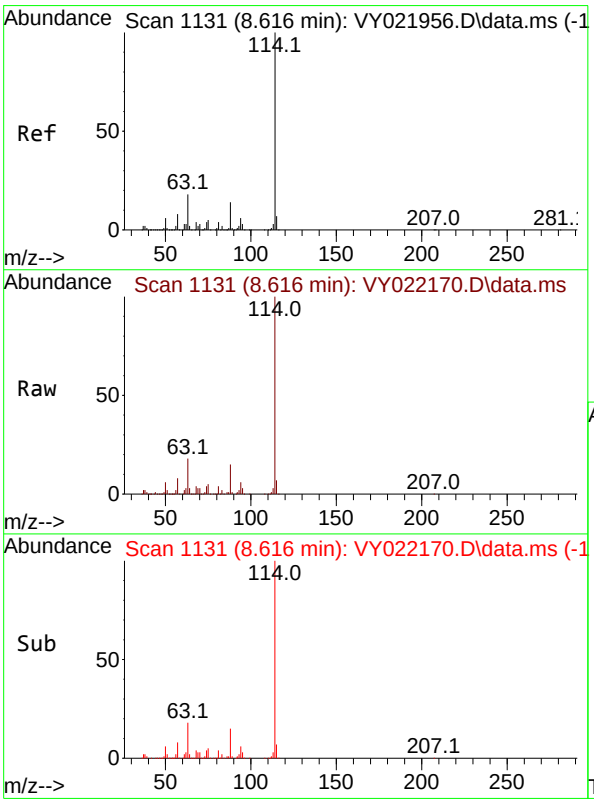
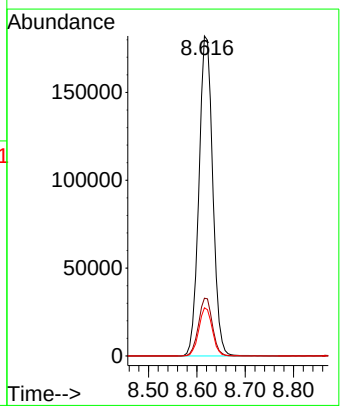
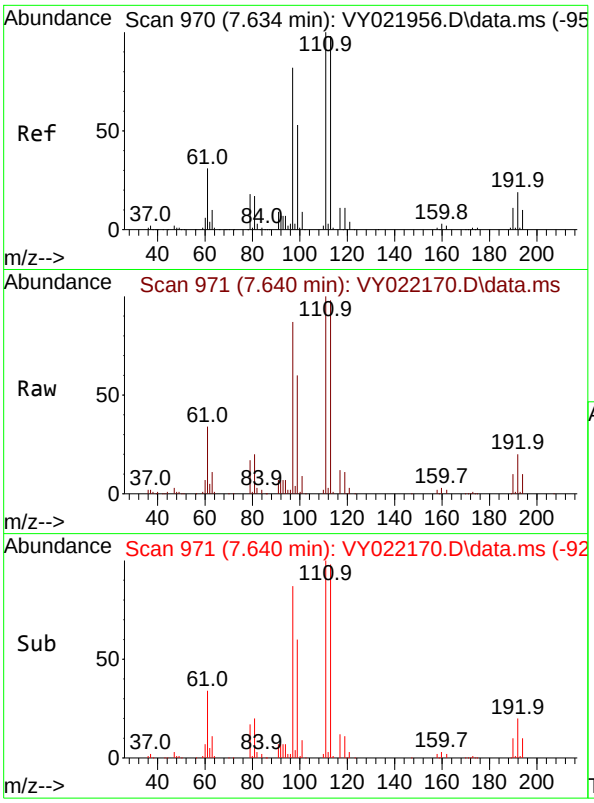


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:114 Resp: 360580

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.4
88	15.1	0.0	28.2

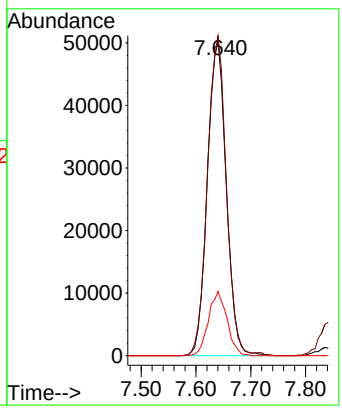




#35
Dibromofluoromethane
Concen: 50.504 ug/l
RT: 7.640 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:113 Resp: 12031

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	20.1	15.6	23.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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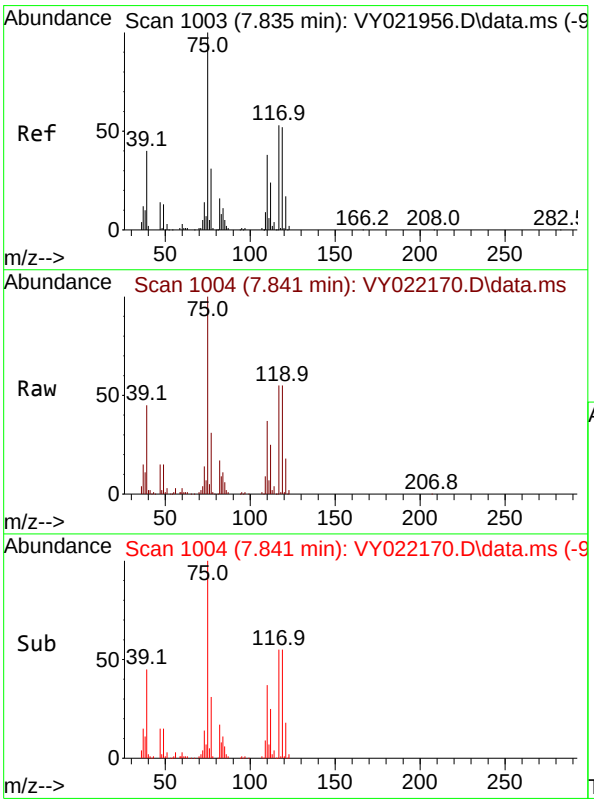
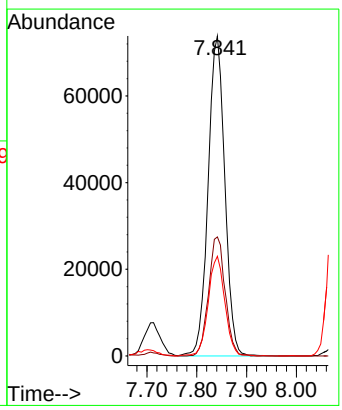
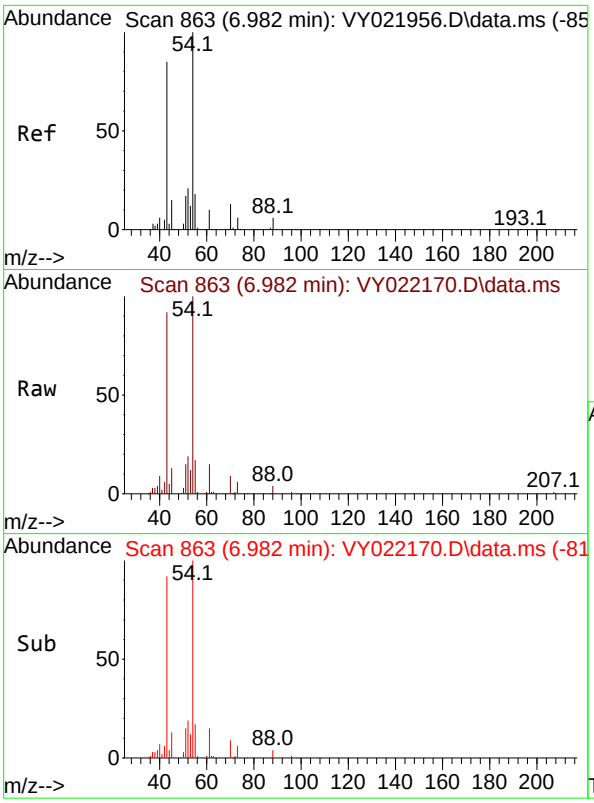


#36
1,1-Dichloropropene
Concen: 53.592 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 171489

Ion	Ratio	Lower	Upper
75	100		
110	37.0	19.1	57.3
77	31.1	25.5	38.3





#37
Ethyl Acetate
Concen: 54.533 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 6267

Ion	Ratio	Lower	Upper
43	100		
61	15.4	13.8	20.6
70	11.5	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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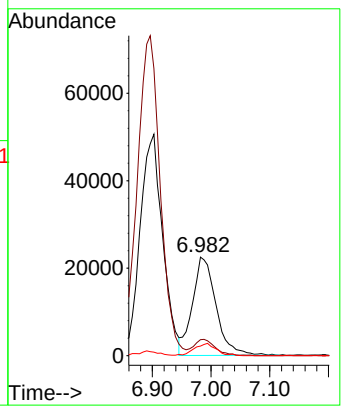
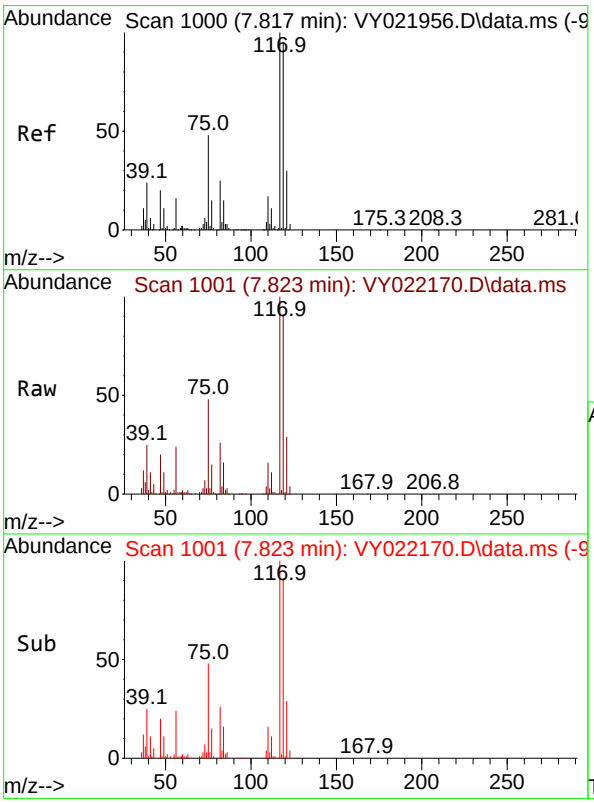
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

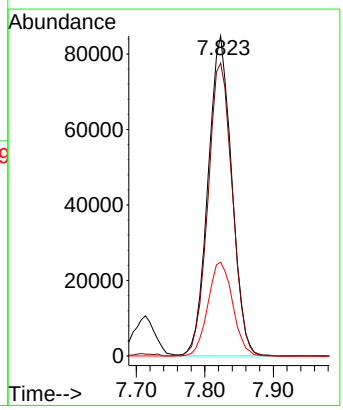


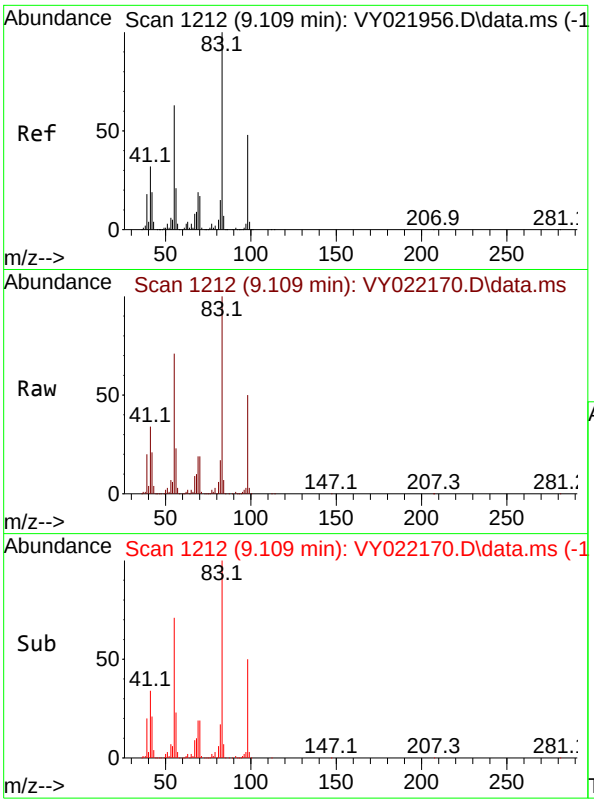


#38
Carbon Tetrachloride
Concen: 53.235 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:117 Resp: 203555

Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.2	114.4
121	29.3	24.0	36.0





#39
Methylcyclohexane
Concen: 53.975 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 83 Resp: 21735

Ion	Ratio	Lower	Upper
83	100		
55	70.7	50.6	75.8
98	49.5	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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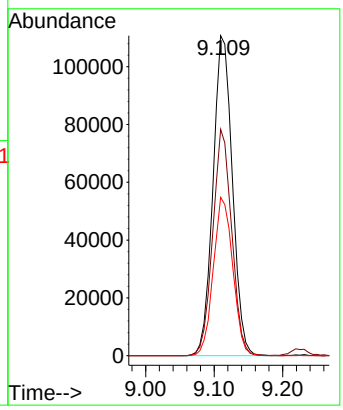
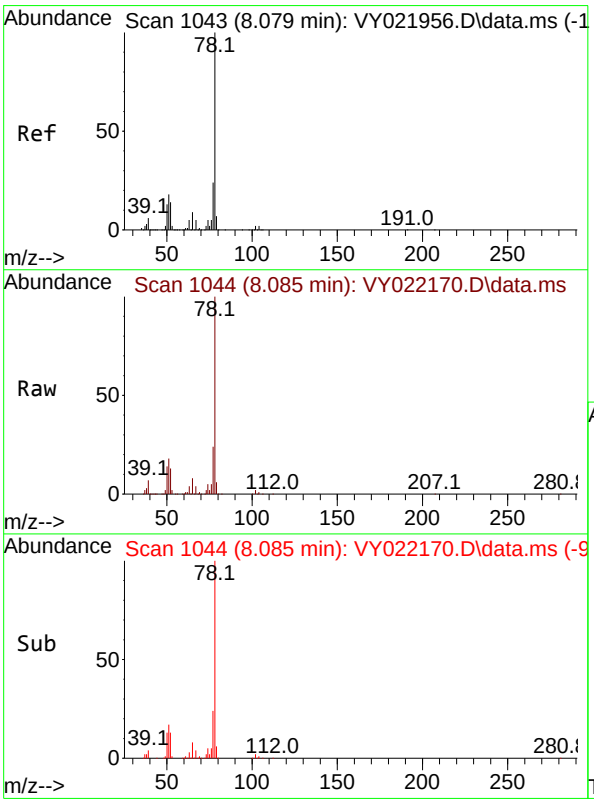
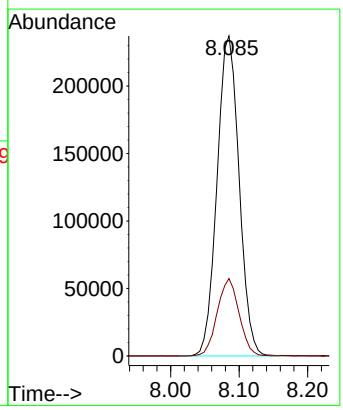


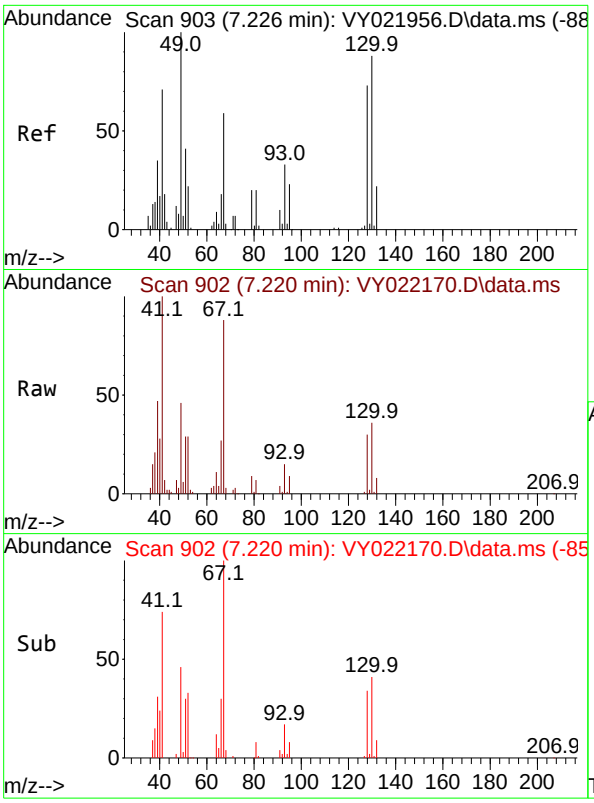


#40
Benzene
Concen: 52.935 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 78 Resp: 529500

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9

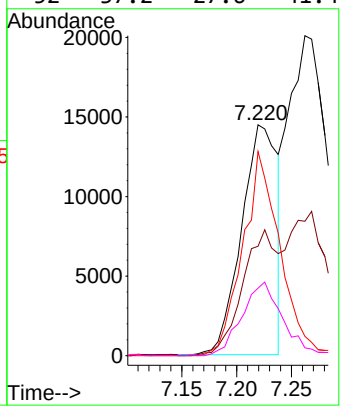




#41
Methacrylonitrile
Concen: 52.375 ug/l
RT: 7.220 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 41 Resp: 3290

Ion	Ratio	Lower	Upper
41	100		
39	52.5	36.6	55.0
67	92.1	72.2	108.4
52	37.2	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
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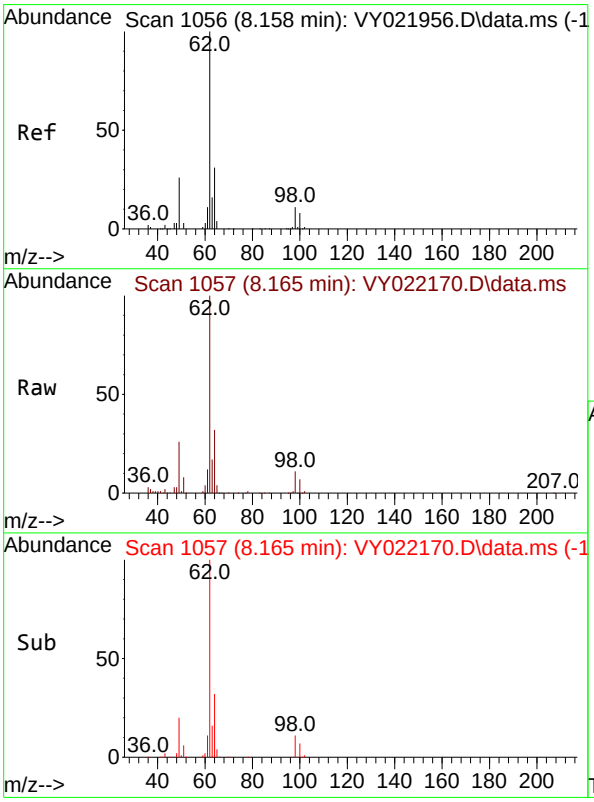
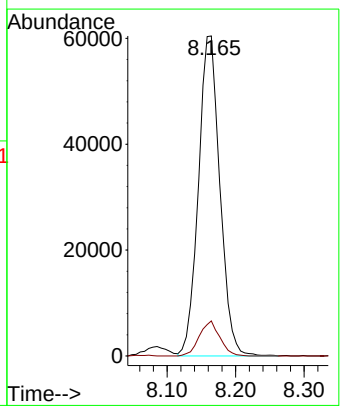
Supervised By :Semsettin Yesilyurt 05/07/2025

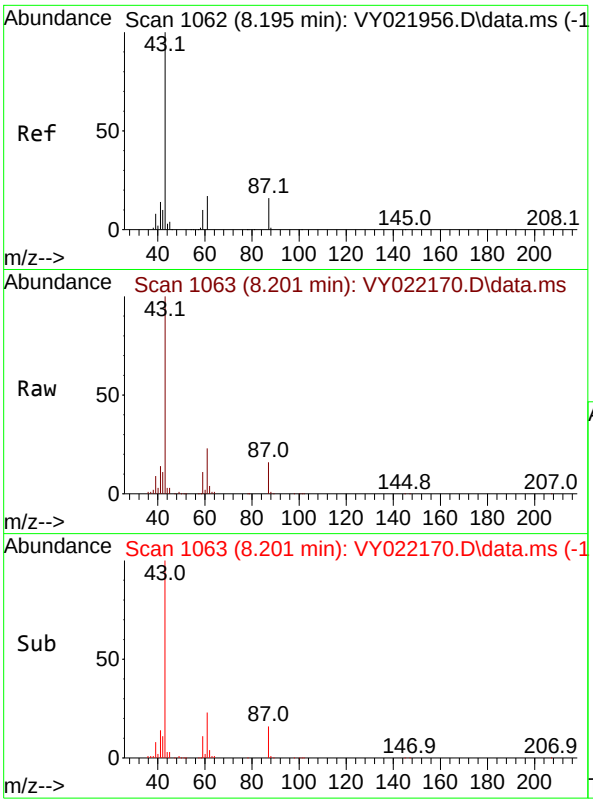


#42
1,2-Dichloroethane
Concen: 53.280 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 62 Resp: 131950

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	22.0

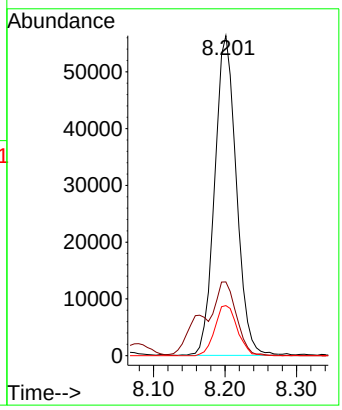




#43
Isopropyl Acetate
Concen: 53.552 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 11819

Ion	Ratio	Lower	Upper
43	100		
61	23.1	18.9	28.3
87	16.3	13.7	20.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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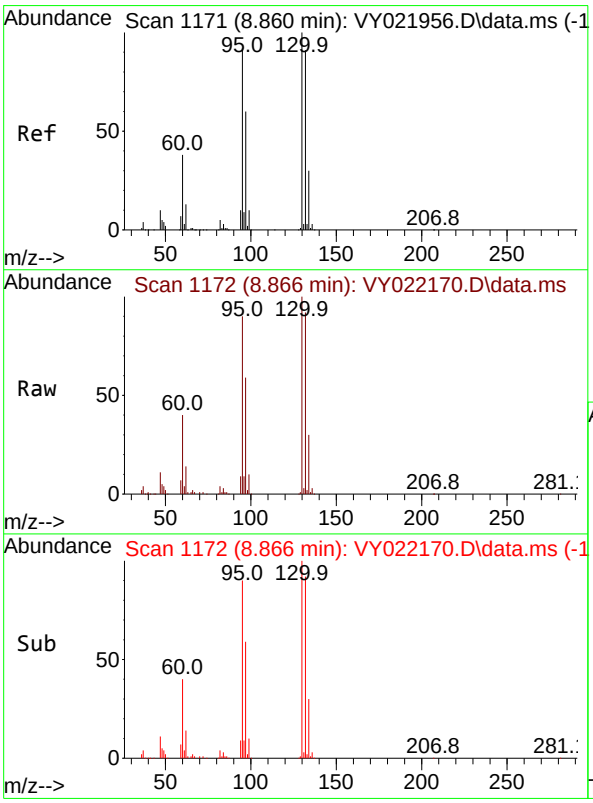
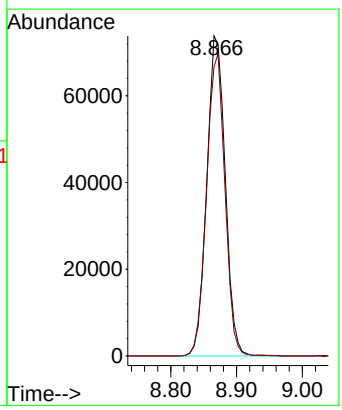
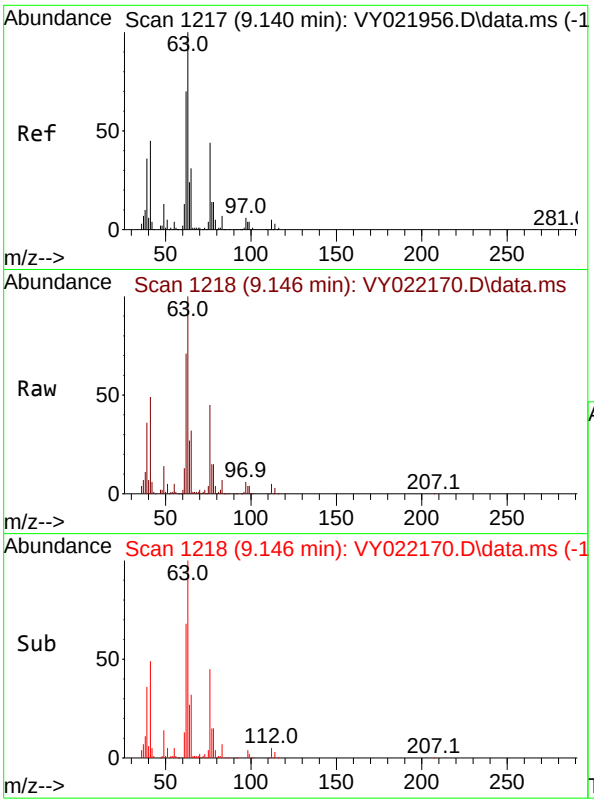


#44
Trichloroethene
Concen: 52.045 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:130 Resp: 144198

Ion	Ratio	Lower	Upper
130	100		
95	90.4	0.0	183.2





#45
1,2-Dichloropropane
Concen: 54.827 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 63 Resp: 12128

Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.2	37.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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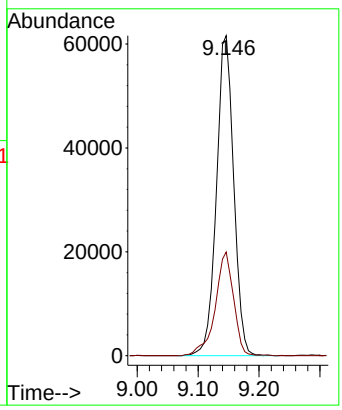
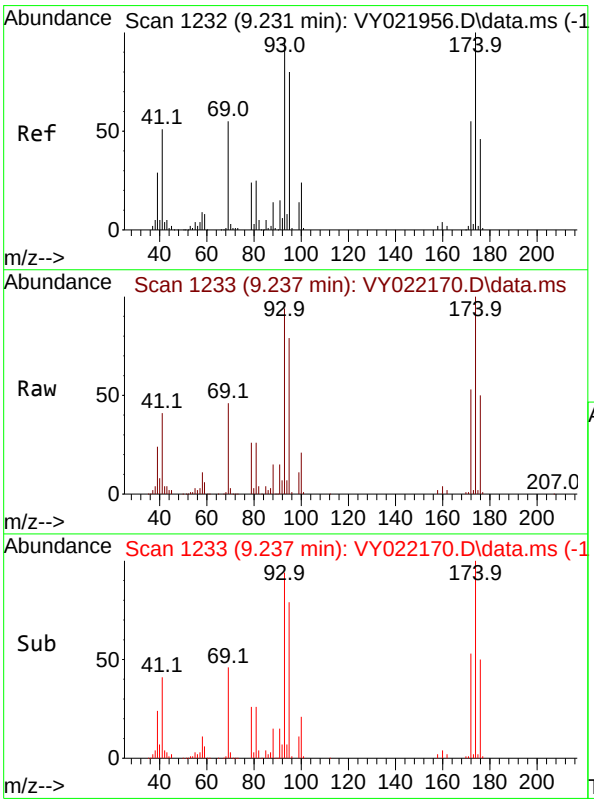
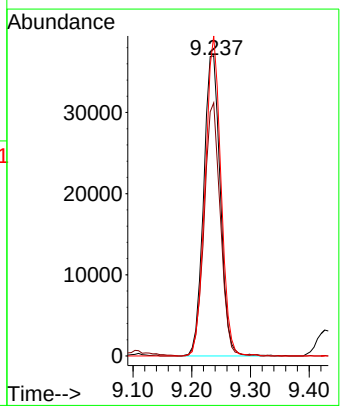


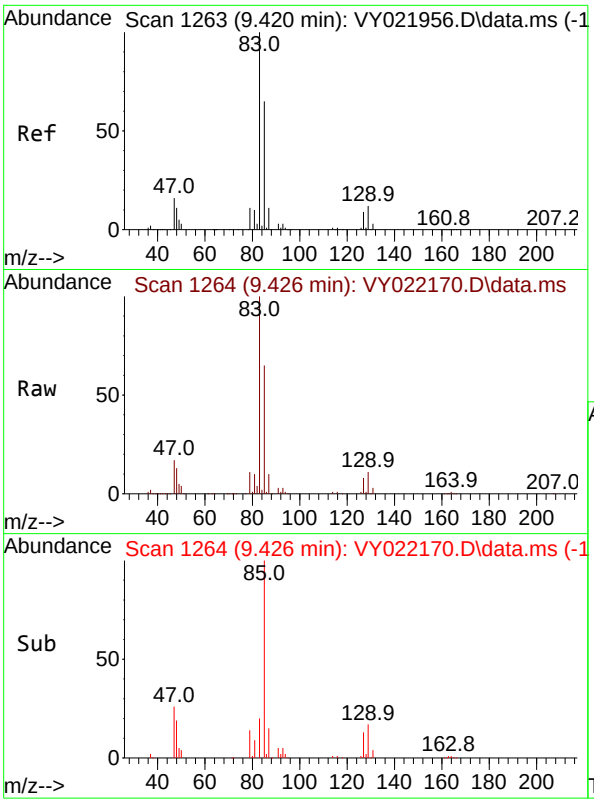


#46
Dibromomethane
Concen: 52.804 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 93 Resp: 73119

Ion	Ratio	Lower	Upper
93	100		
95	81.7	66.7	100.1
174	100.9	84.6	127.0

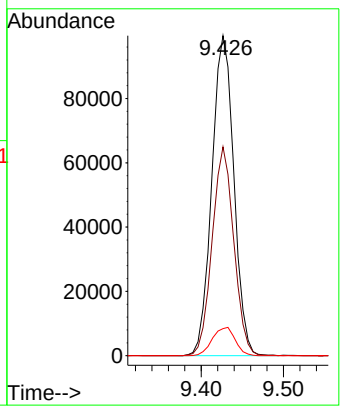




#47
Bromodichloromethane
Concen: 53.477 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 83 Resp: 18499

Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.8	77.8
127	8.4	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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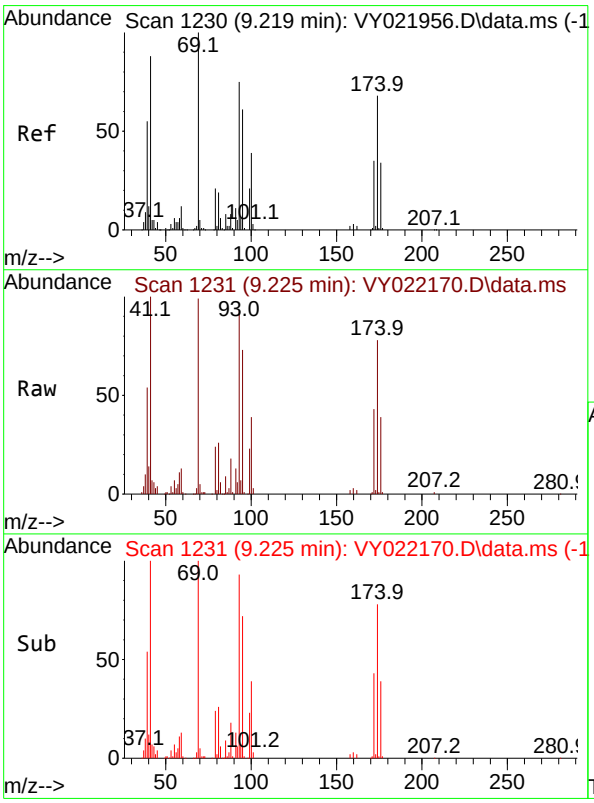
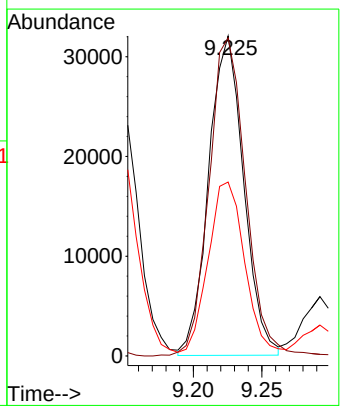
Supervised By :Semsettin Yesilyurt 05/07/2025

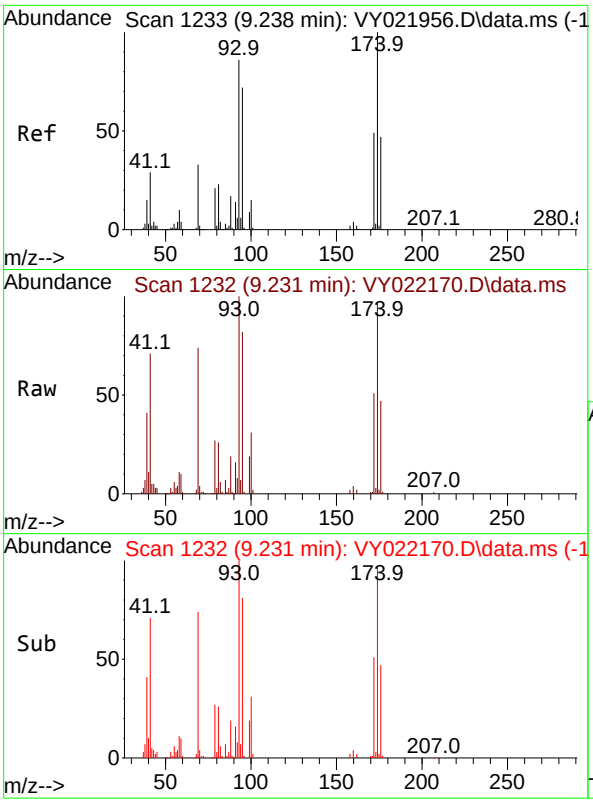


#48
Methyl methacrylate
Concen: 55.686 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 41 Resp: 56815

Ion	Ratio	Lower	Upper
41	100		
69	104.8	85.5	128.3
39	55.0	46.2	69.4





#49
1,4-Dioxane
Concen: 1044.921 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 88 Resp: 1542

Ion	Ratio	Lower	Upper
88	100		
43	26.1	21.3	31.9
58	69.3	50.5	75.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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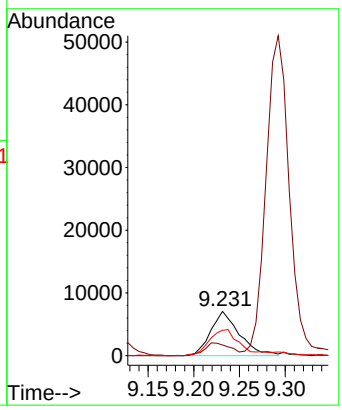
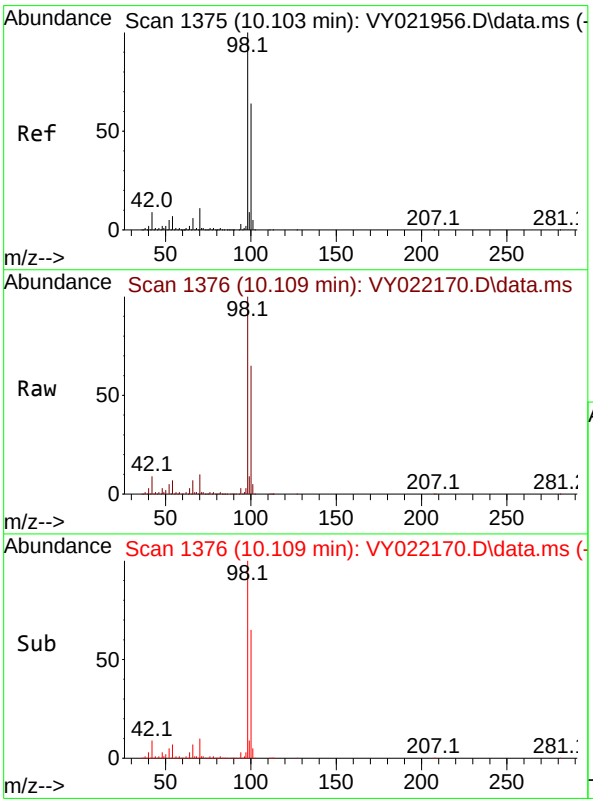
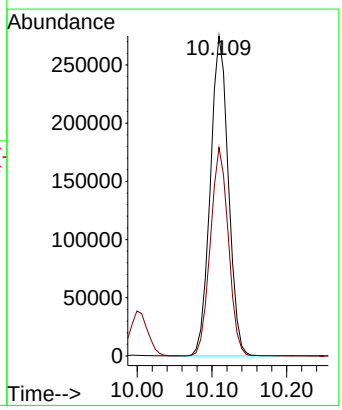


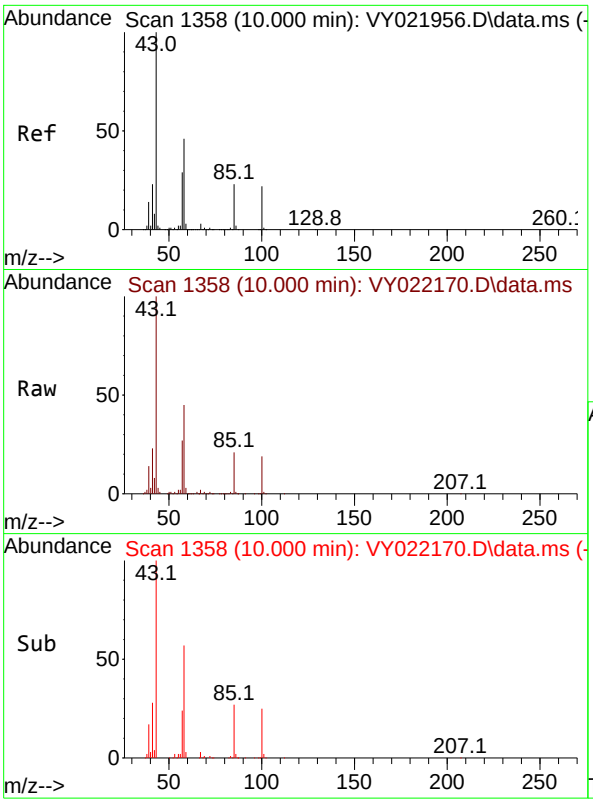


#50
Toluene-d8
Concen: 51.530 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 98 Resp: 462783

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4

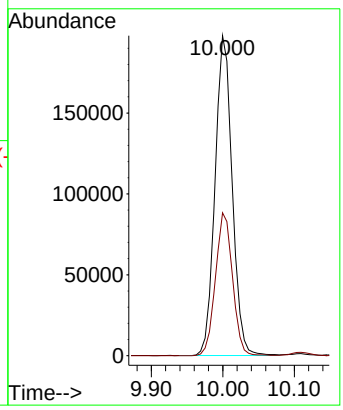




#51
4-Methyl-2-Pentanone
Concen: 284.953 ug/l
RT: 10.000 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 32967

Ion	Ratio	Lower	Upper
43	100		
58	44.5	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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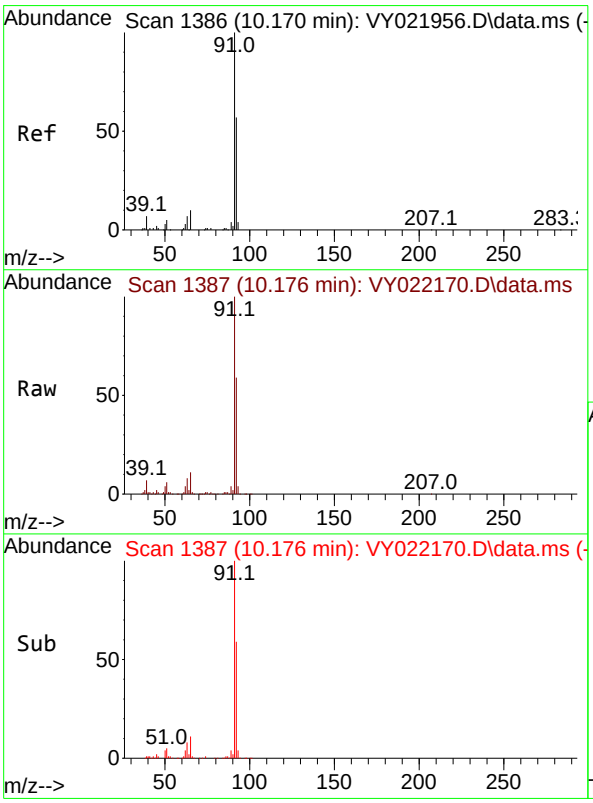
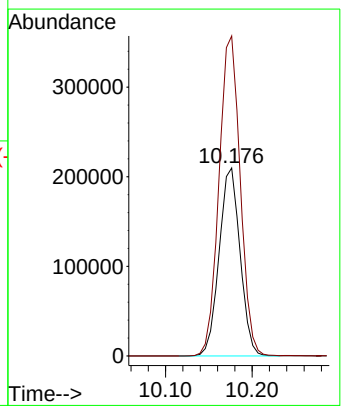
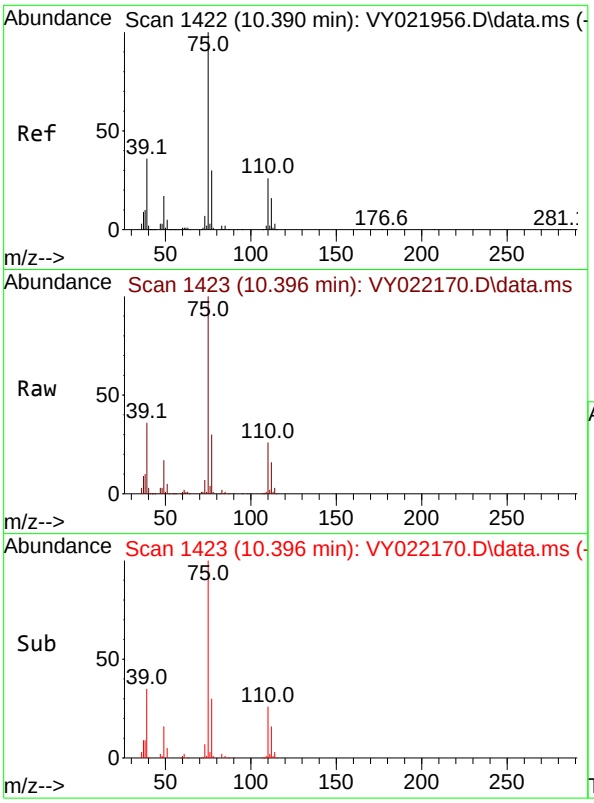


#52
Toluene
Concen: 54.344 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 92 Resp: 351869

Ion	Ratio	Lower	Upper
92	100		
91	173.0	138.6	207.8

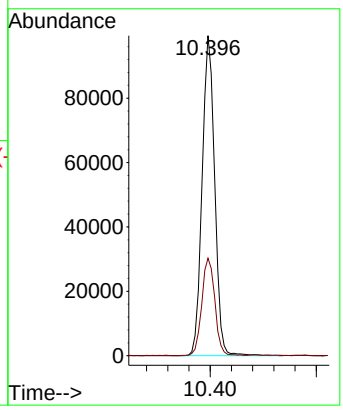




#53
t-1,3-Dichloropropene
Concen: 55.059 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 16337

Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.0	36.0



Instrument :
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ClientSampleId :
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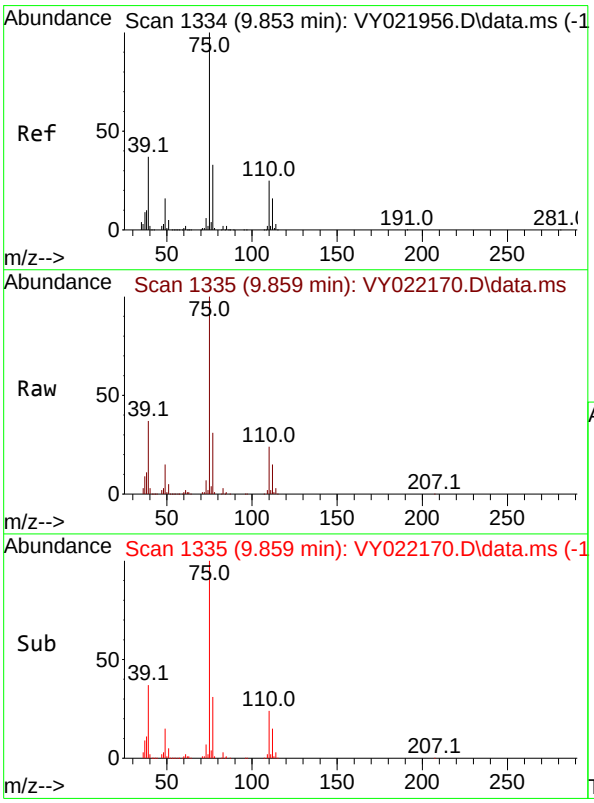
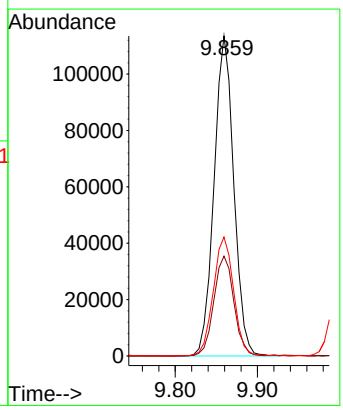
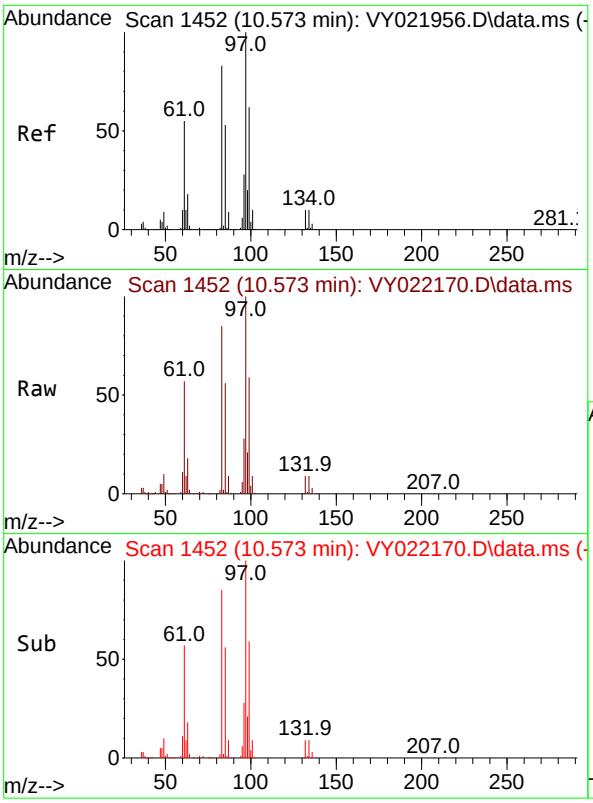


#54
cis-1,3-Dichloropropene
Concen: 53.717 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 189466

Ion	Ratio	Lower	Upper
75	100		
77	31.2	26.6	40.0
39	37.1	29.6	44.4

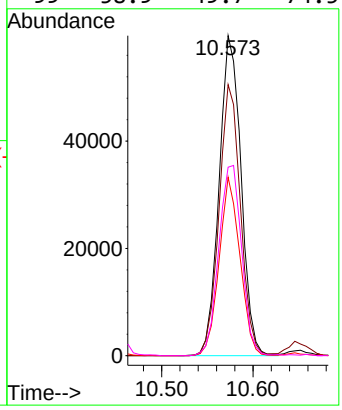




#55
1,1,2-Trichloroethane
Concen: 53.748 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 97 Resp: 9941

Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.7	100.1
85	55.8	42.6	64.0
99	58.9	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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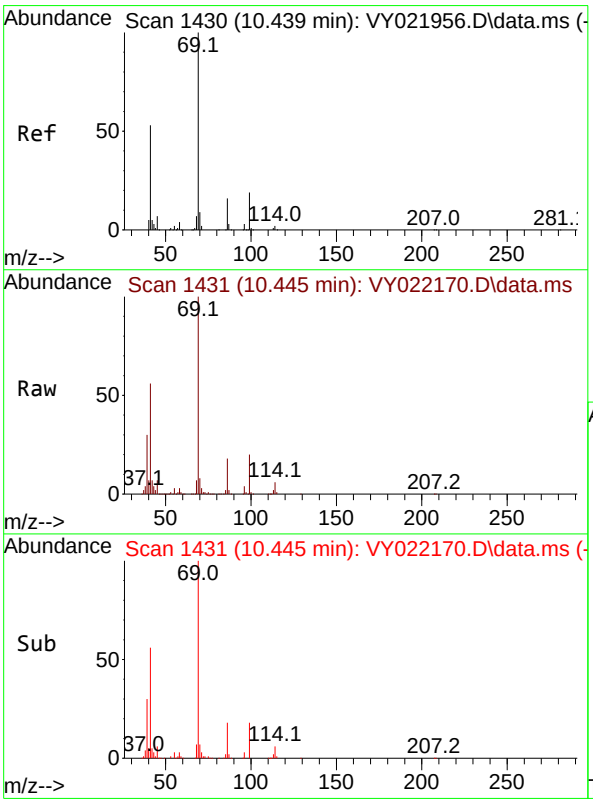
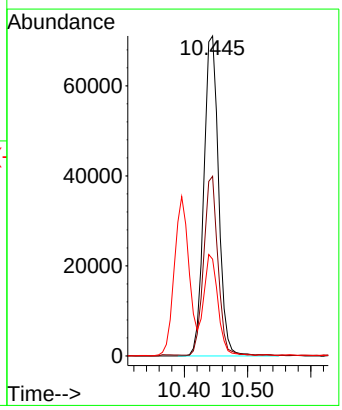
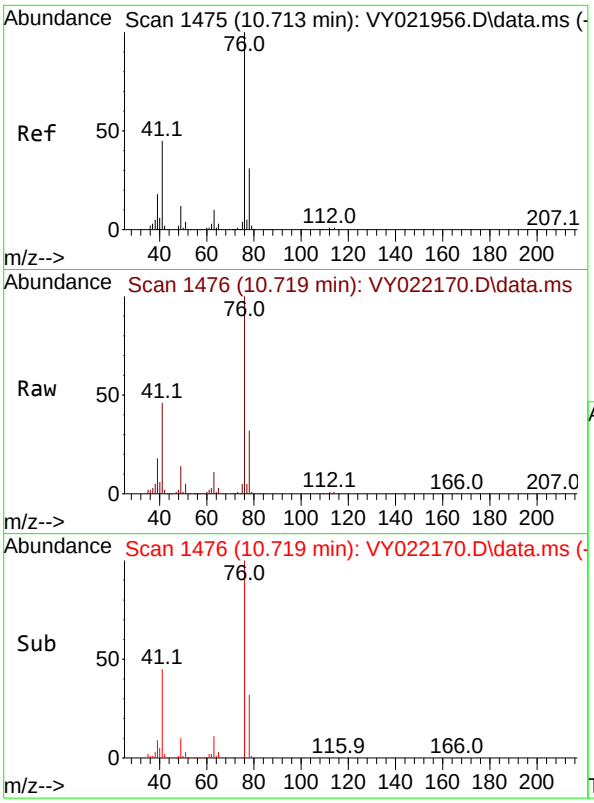


#56
Ethyl methacrylate
Concen: 54.630 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 69 Resp: 115554

Ion	Ratio	Lower	Upper
69	100		
41	53.9	40.7	61.1
39	30.3	23.3	34.9

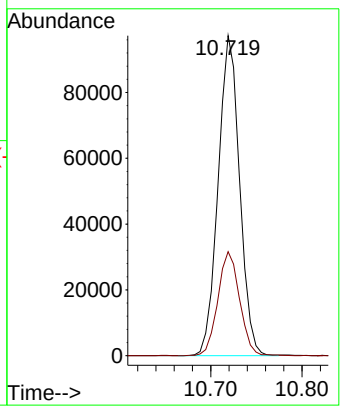




#57
1,3-Dichloropropane
Concen: 53.442 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 76 Resp: 15847

Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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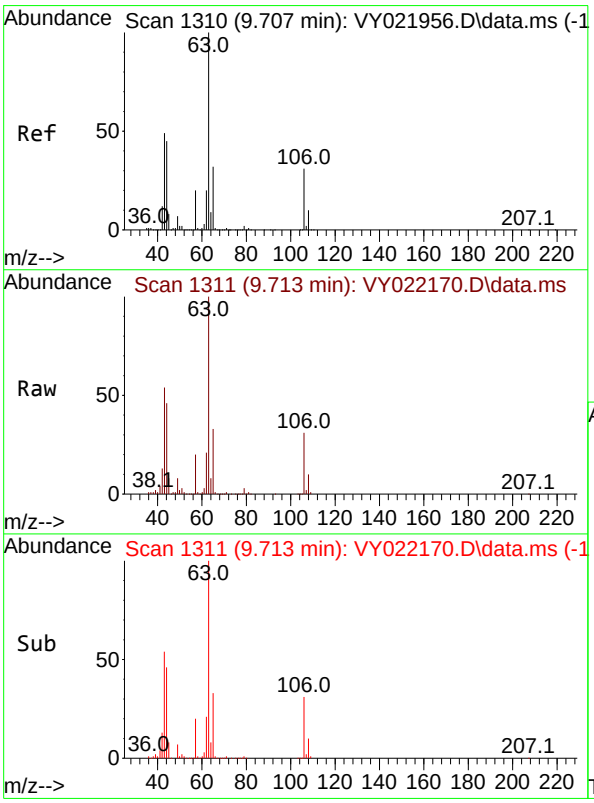
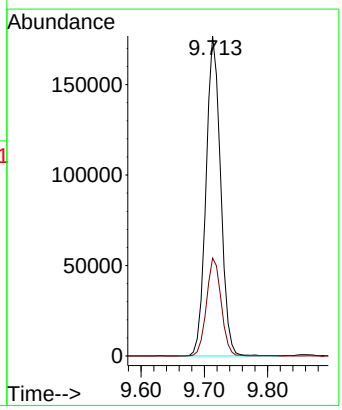
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

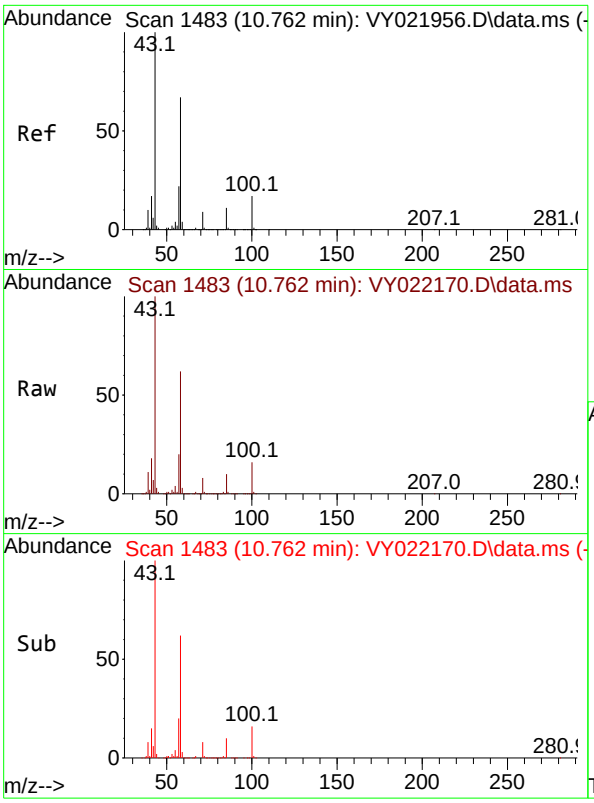


#58
2-Chloroethyl Vinyl ether
Concen: 274.338 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 63 Resp: 283721

Ion	Ratio	Lower	Upper
63	100		
106	30.9	25.3	37.9





#59
2-Hexanone
Concen: 290.152 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 22141

Ion	Ratio	Lower	Upper
43	100		
58	62.3	32.0	96.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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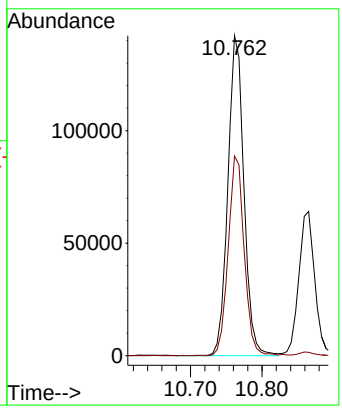
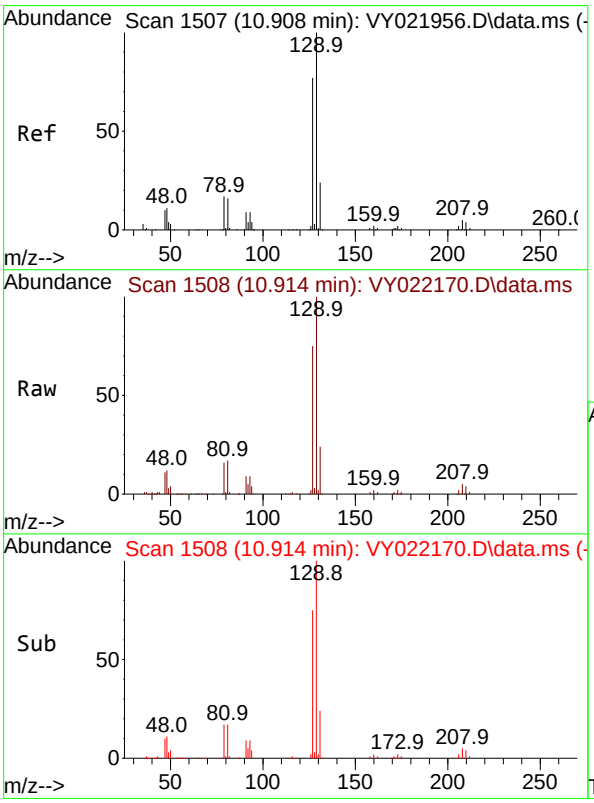
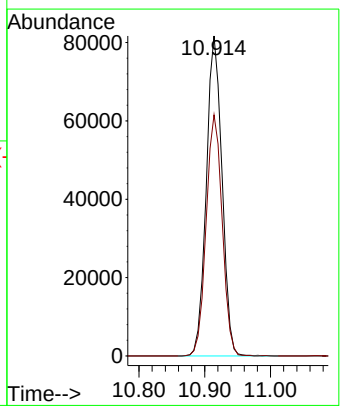


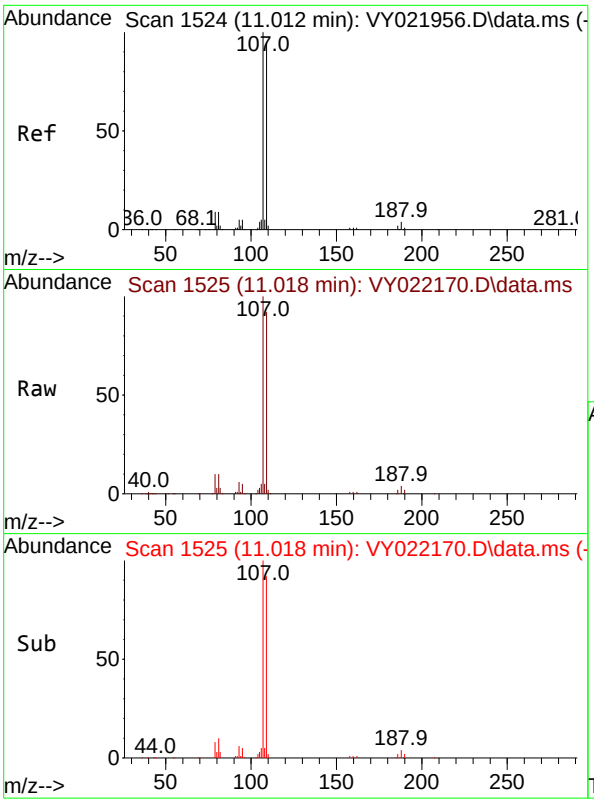


#60
Dibromochloromethane
Concen: 52.935 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:129 Resp: 135560

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.3

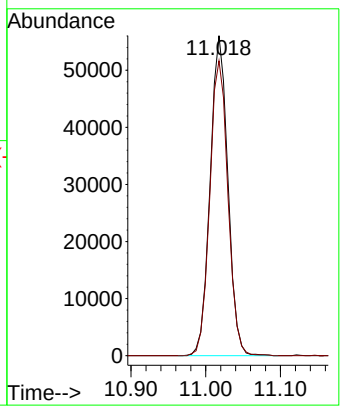




#61
1,2-Dibromoethane
Concen: 52.902 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:107 Resp: 9237

Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.8	113.8



Instrument :
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ClientSampleId :
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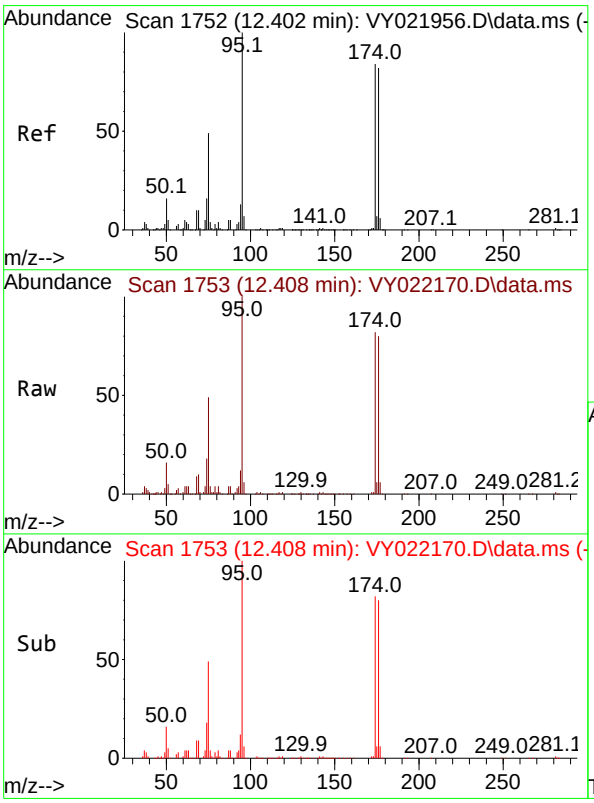
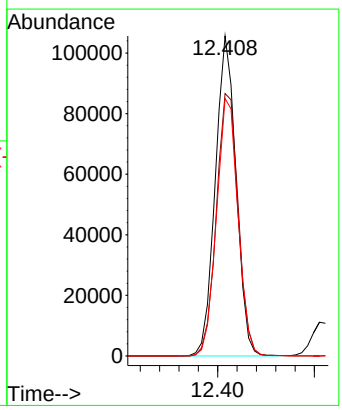
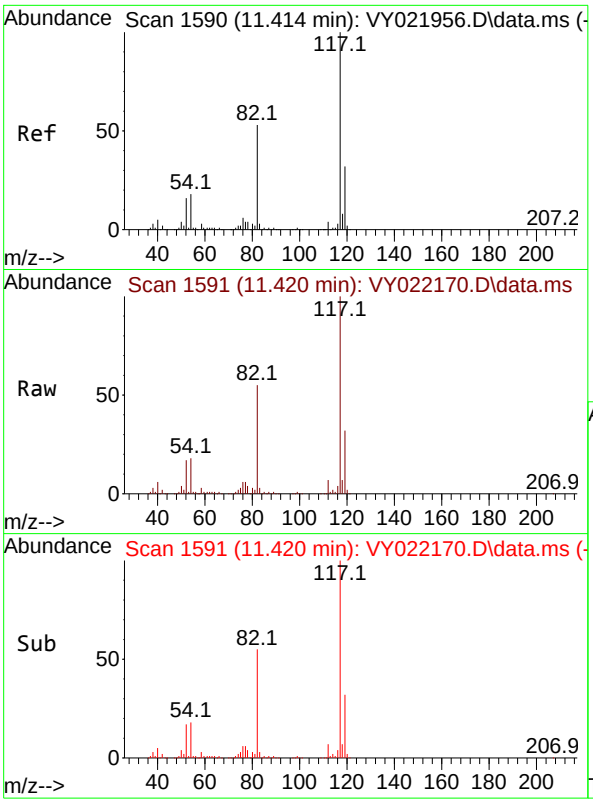


#62
4-Bromofluorobenzene
Concen: 51.992 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 95 Resp: 157189

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	179.0
176	83.3	0.0	171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:117 Resp: 33122

Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.1	63.1
119	32.3	25.7	38.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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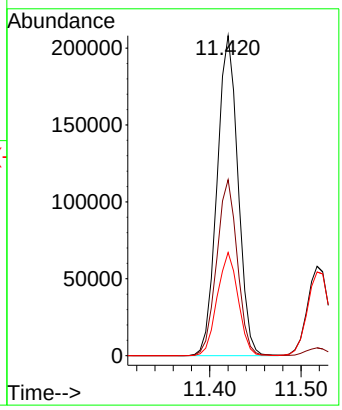
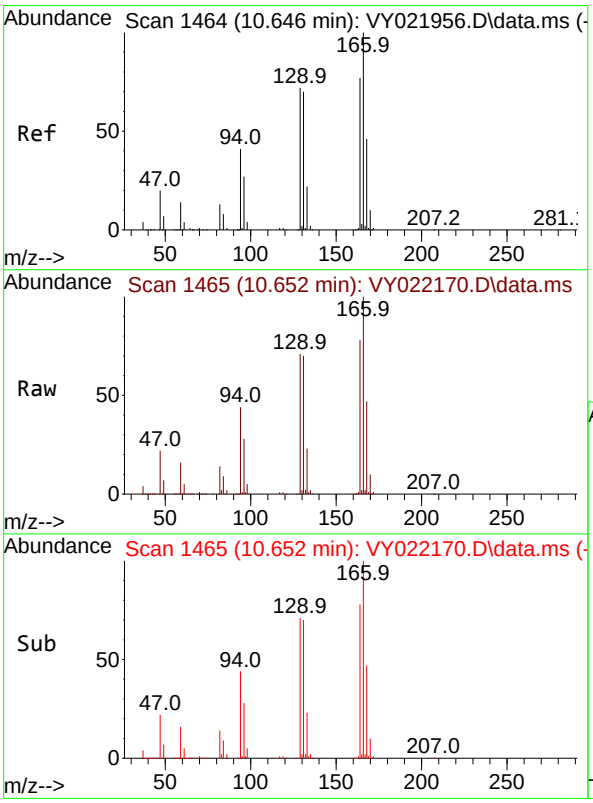
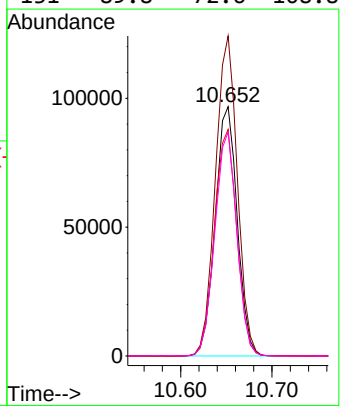


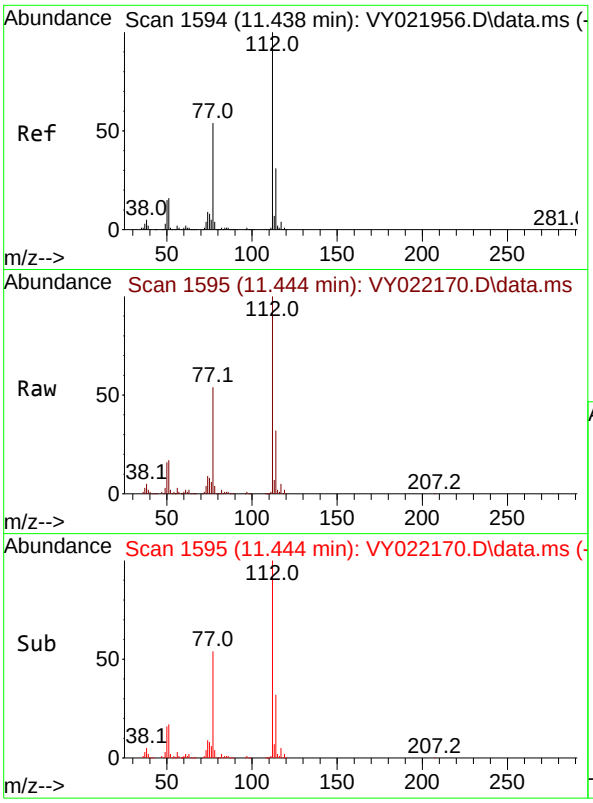


#64
Tetrachloroethene
Concen: 51.922 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:164 Resp: 162239

Ion	Ratio	Lower	Upper
164	100		
166	128.3	103.6	155.4
129	90.9	74.2	111.4
131	89.8	72.6	108.8

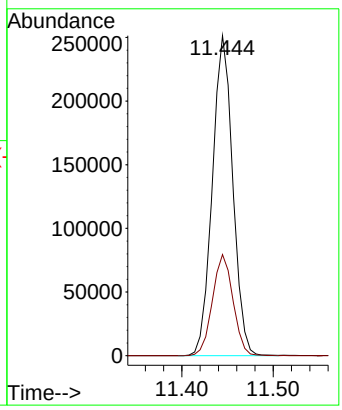




#65
Chlorobenzene
Concen: 52.689 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:112 Resp: 39027

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
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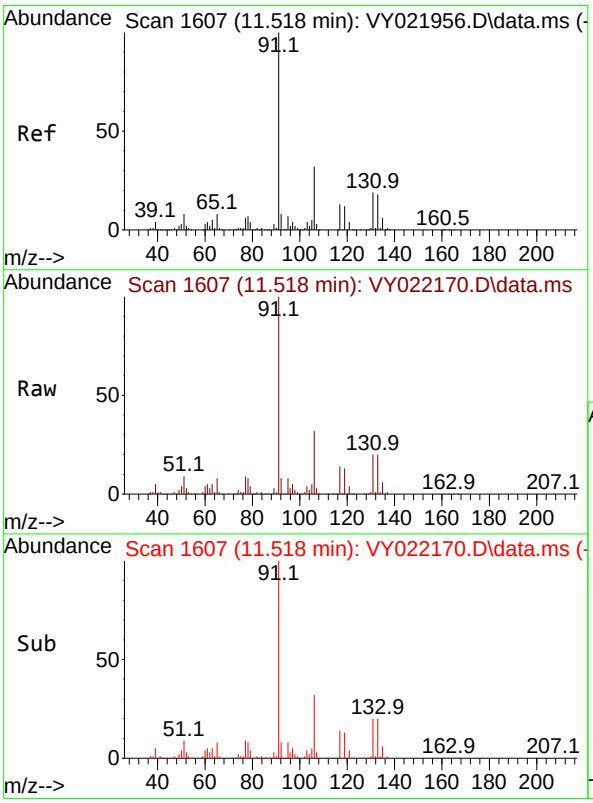
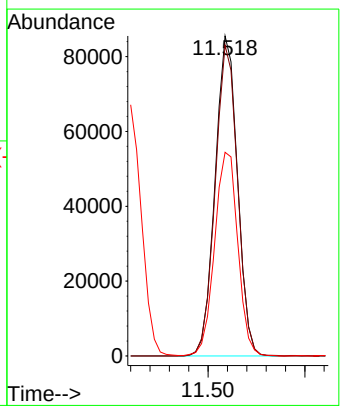
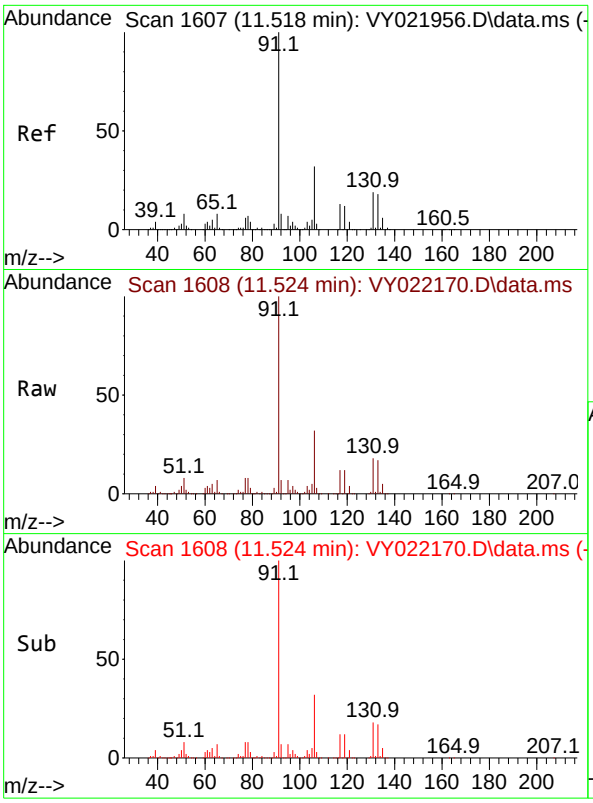


#66
1,1,1,2-Tetrachloroethane
Concen: 52.530 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:131 Resp: 136983

Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.8	143.3
119	66.3	32.4	97.0

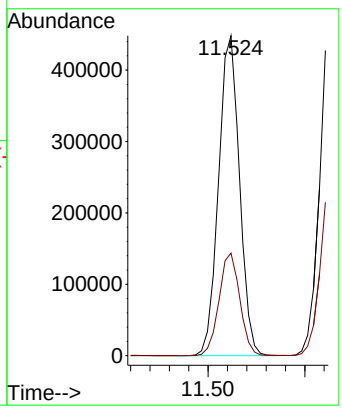




#67
Ethyl Benzene
Concen: 55.508 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 91 Resp: 67257

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.9	38.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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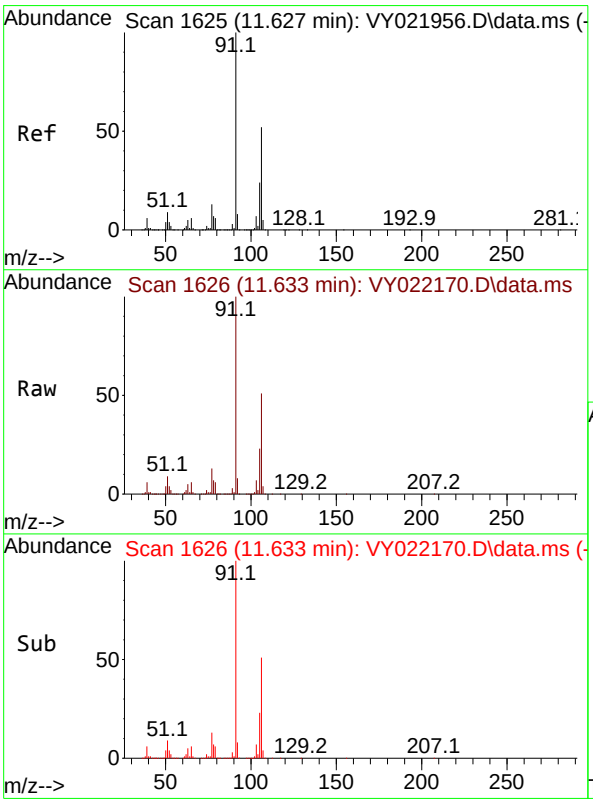
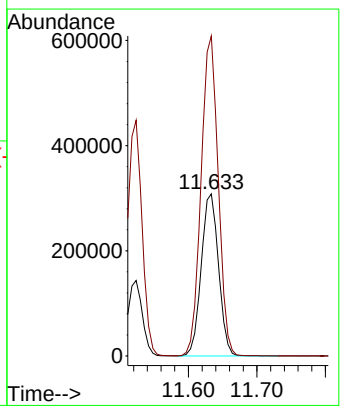
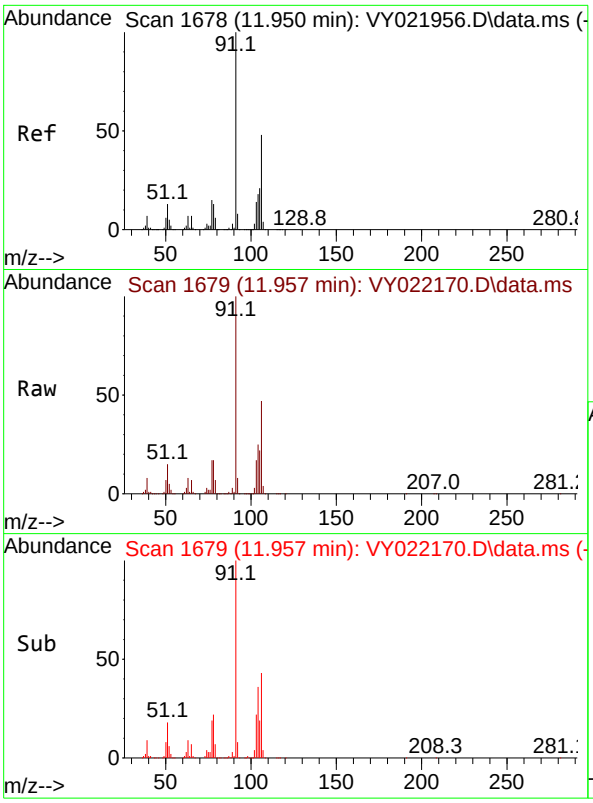


#68
m/p-Xylenes
Concen: 112.277 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:106 Resp: 541347

Ion	Ratio	Lower	Upper
106	100		
91	195.6	156.2	234.2





#69
o-Xylene
Concen: 55.432 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:106 Resp: 24633

Ion	Ratio	Lower	Upper
106	100		
91	208.5	103.0	308.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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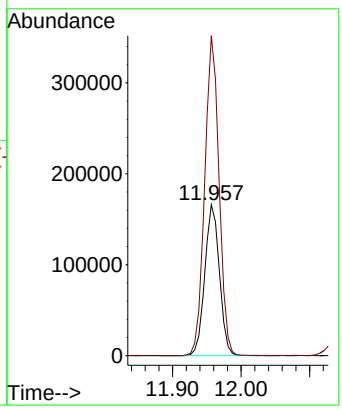
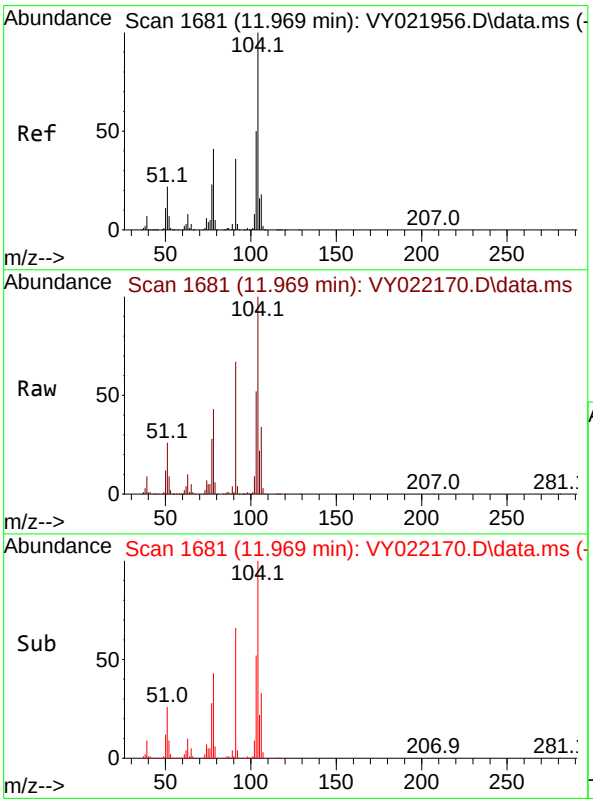
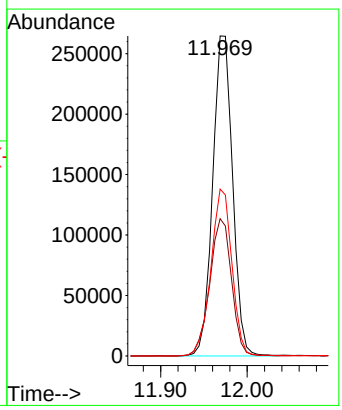


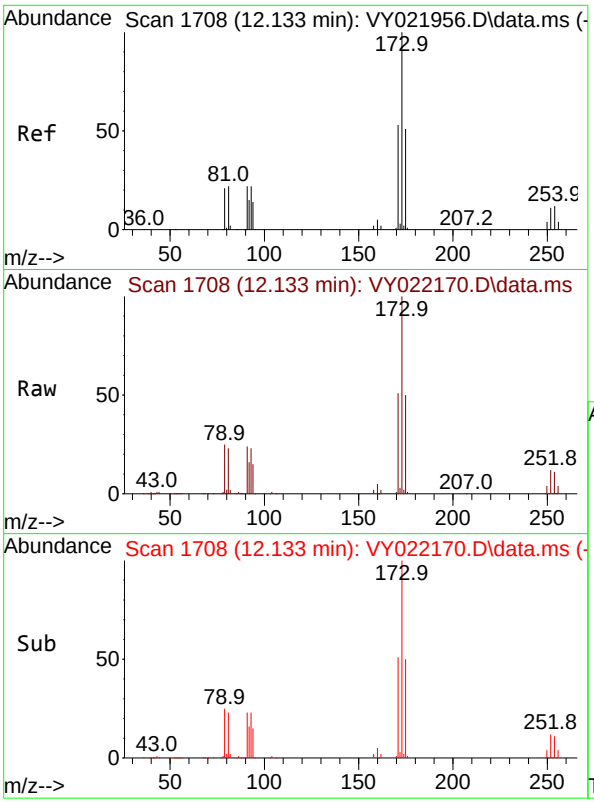


#70
Styrene
Concen: 56.750 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:104 Resp: 423444

Ion	Ratio	Lower	Upper
104	100		
78	46.8	36.6	54.8
103	55.1	43.8	65.8

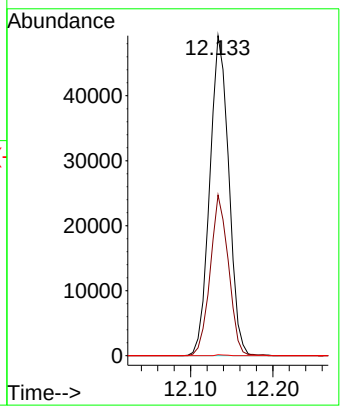




#71
Bromoform
Concen: 52.185 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:173 Resp: 7911

Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.1	0.0	0.0#



Instrument :
MSVOA_Y
ClientSampleId :
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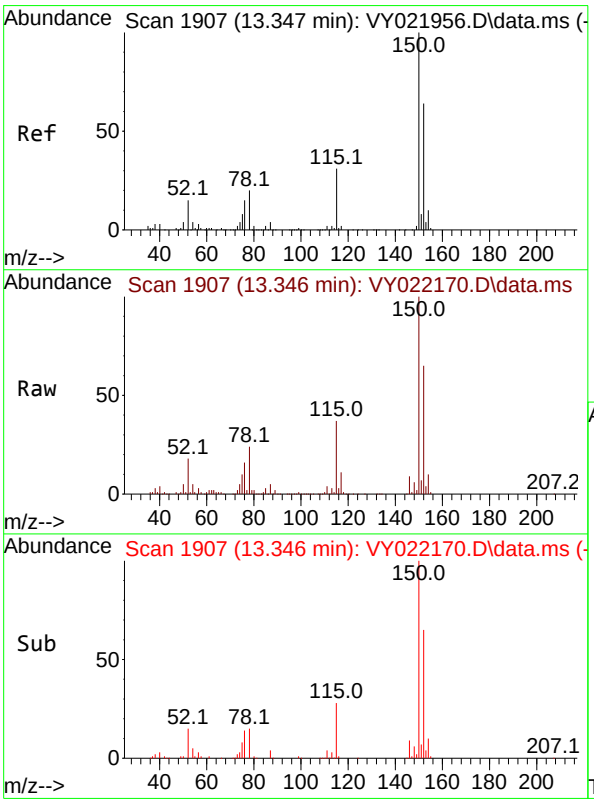
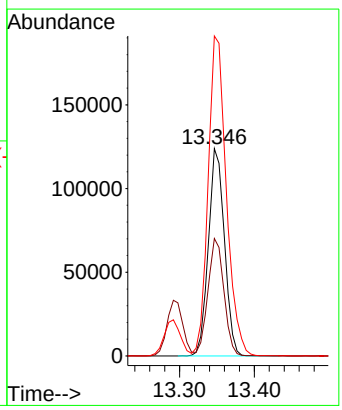
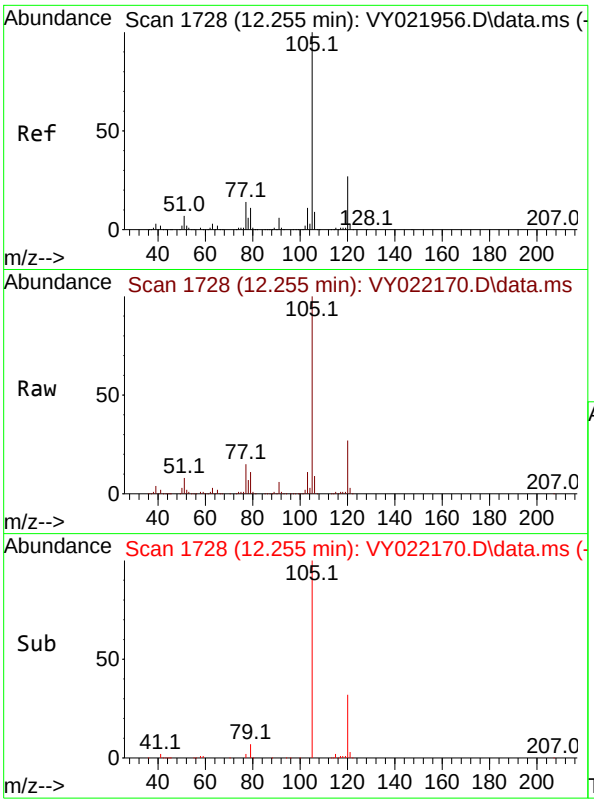


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:152 Resp: 184988

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	174.8	0.0	345.6





#73
Isopropylbenzene
Concen: 52.929 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:105 Resp: 65416

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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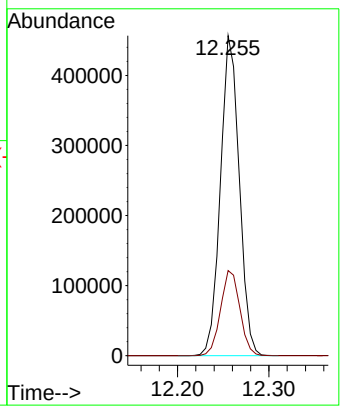
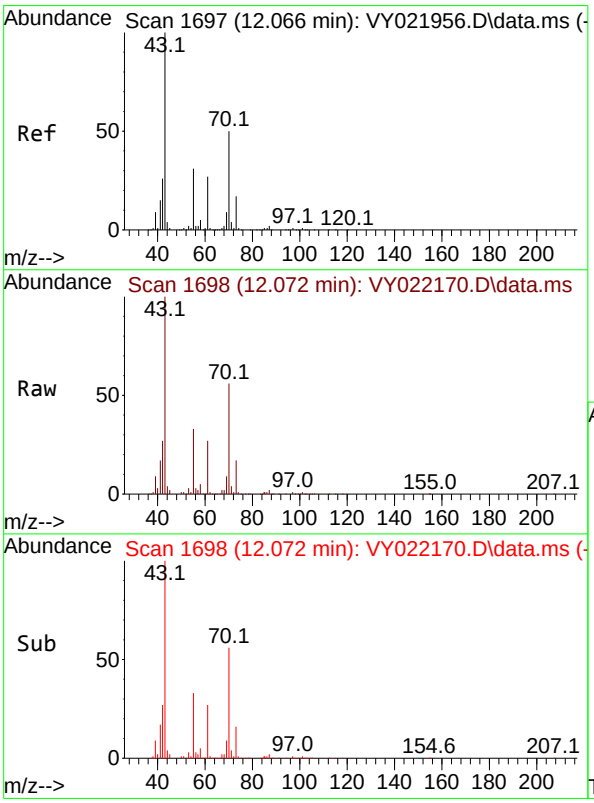
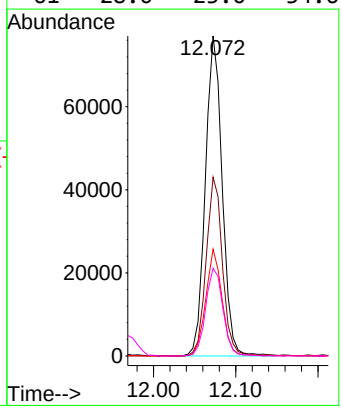


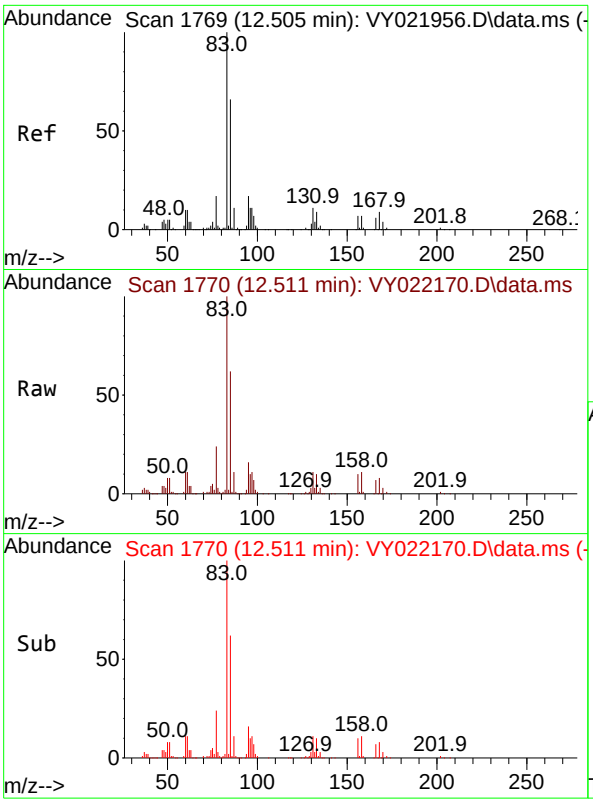


#74
N-amyl acetate
Concen: 51.702 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 43 Resp: 109786

Ion	Ratio	Lower	Upper
43	100		
70	53.9	43.2	64.8
55	32.3	25.7	38.5
61	28.0	23.0	34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.312 ug/l
RT: 12.511 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 83 Resp: 10692

Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	63.8	32.3	96.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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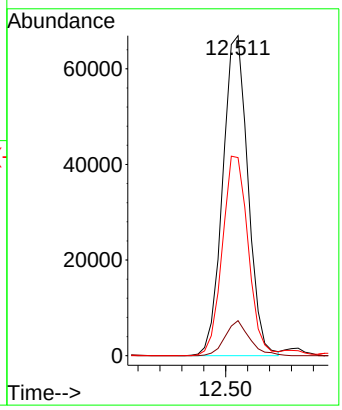
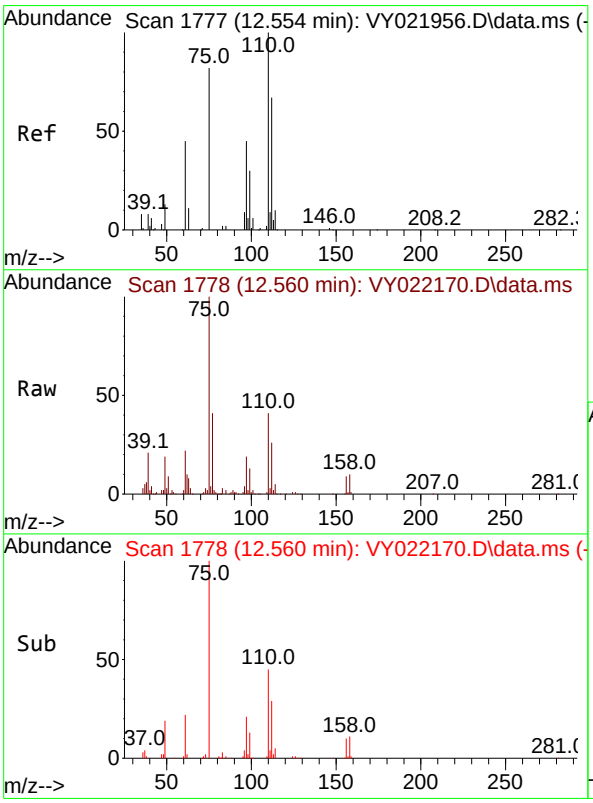
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

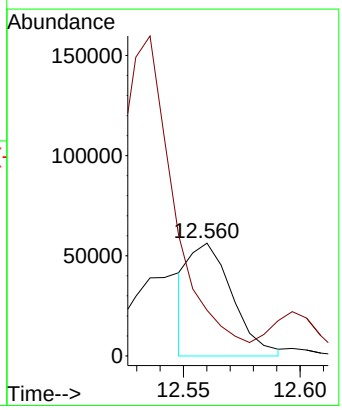


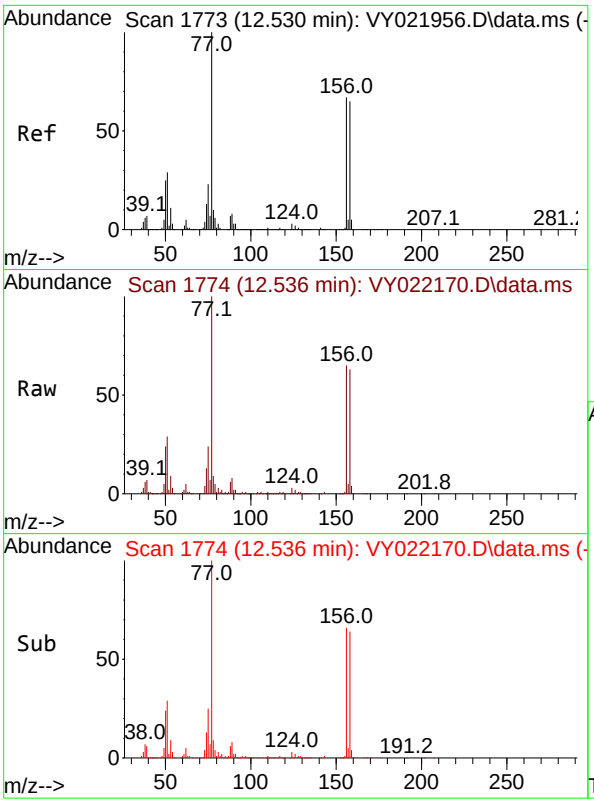


#76
1,2,3-Trichloropropane
Concen: 46.089 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 73028

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

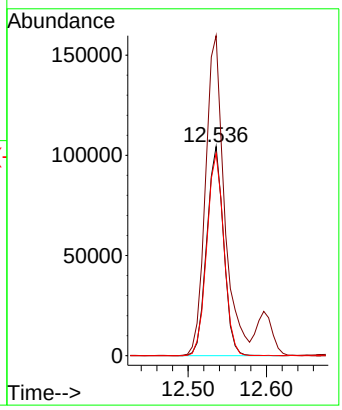




#77
Bromobenzene
Concen: 49.685 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:156 Resp: 15516

Ion	Ratio	Lower	Upper
156	100		
77	172.7	82.7	248.1
158	98.5	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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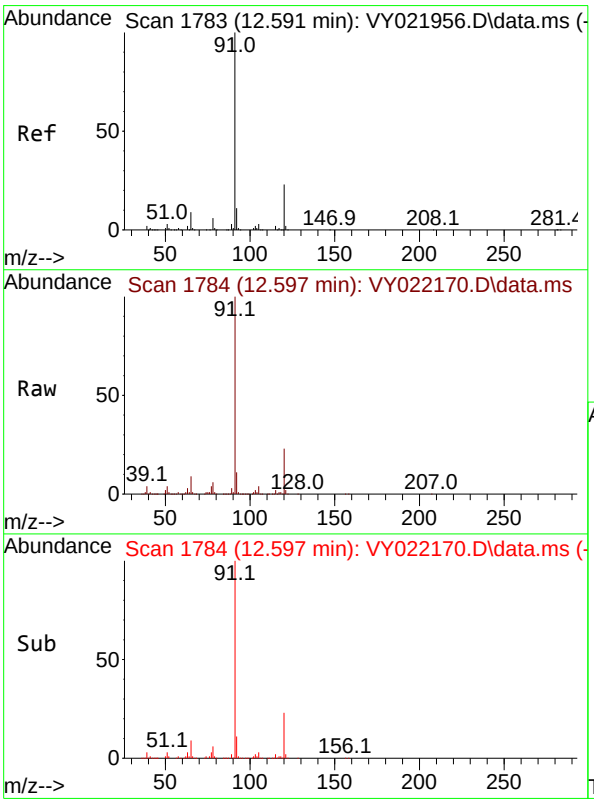
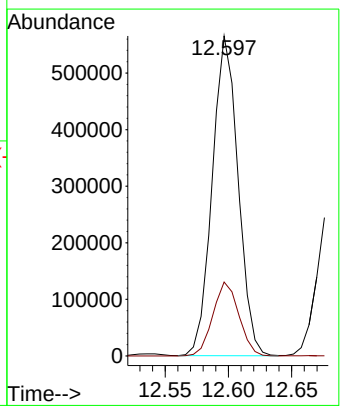
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

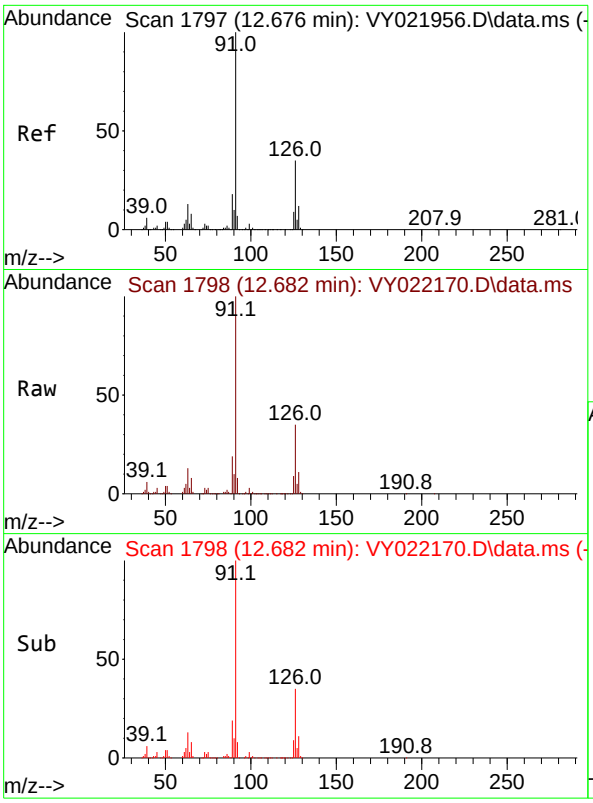


#78
n-propylbenzene
Concen: 54.551 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 91 Resp: 802900

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.9	35.5

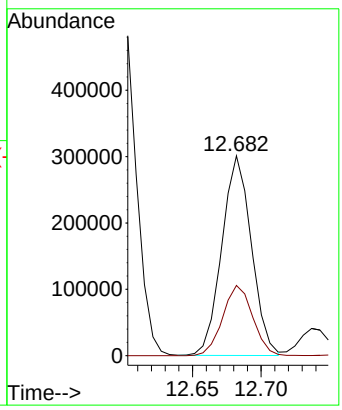




#79
2-Chlorotoluene
Concen: 52.846 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 91 Resp: 45234

Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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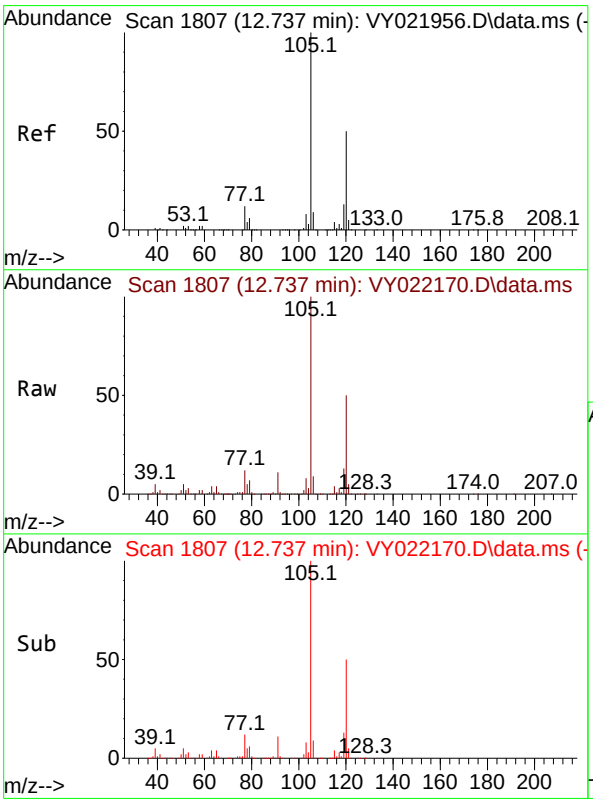
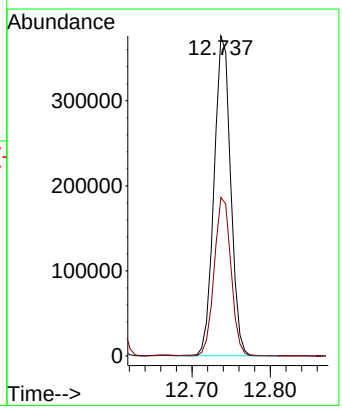
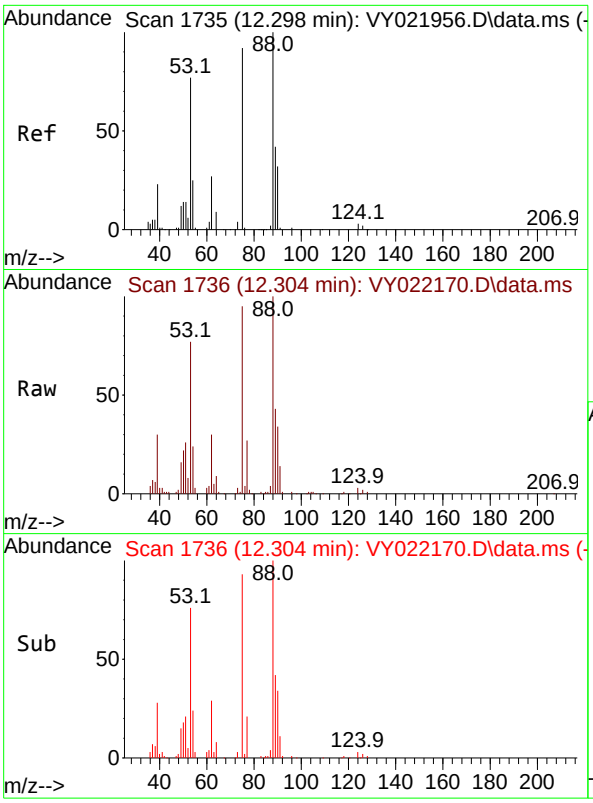


#80
1,3,5-Trimethylbenzene
Concen: 54.357 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:105 Resp: 553534

Ion	Ratio	Lower	Upper
105	100		
120	50.2	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 51.594 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 3394

Ion	Ratio	Lower	Upper
75	100		
53	84.8	66.0	99.0
89	46.5	37.2	55.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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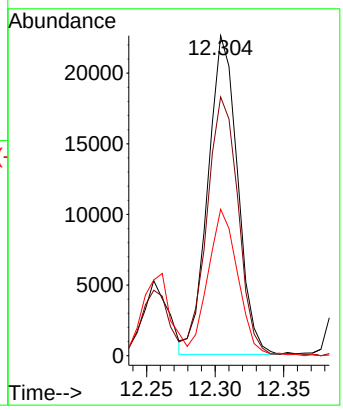
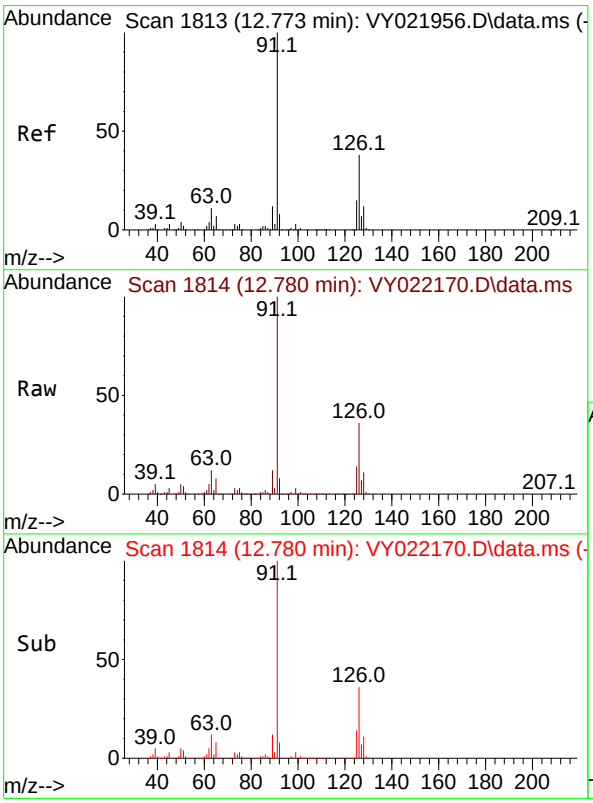
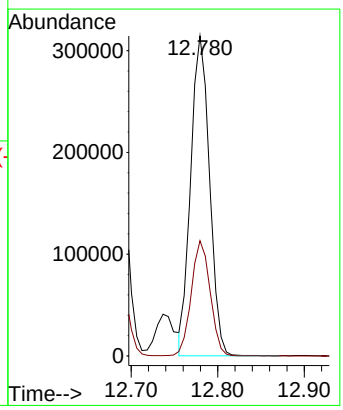


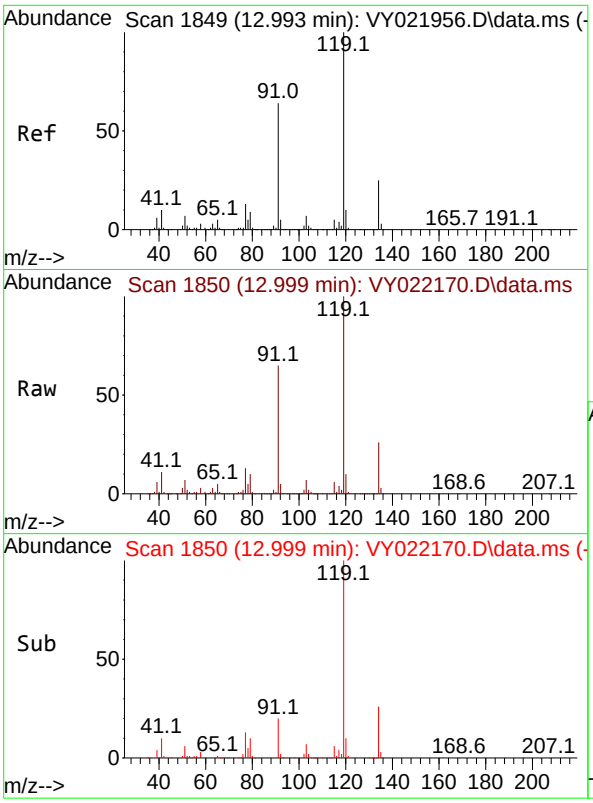


#82
4-Chlorotoluene
Concen: 53.283 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 91 Resp: 474107

Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.9	53.8

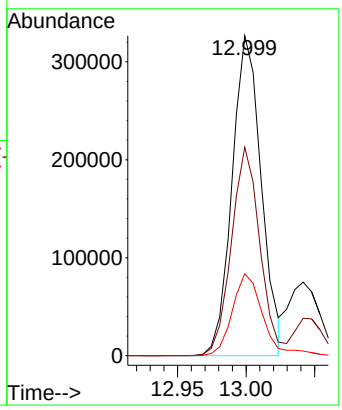




#83
tert-Butylbenzene
Concen: 53.022 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:119 Resp: 48423

Ion	Ratio	Lower	Upper
119	100		
91	63.9	30.3	90.9
134	26.9	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
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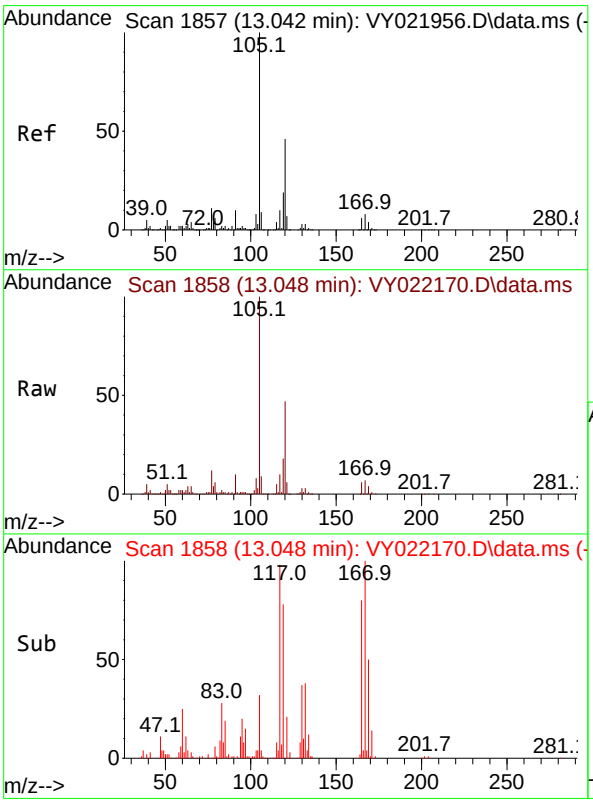
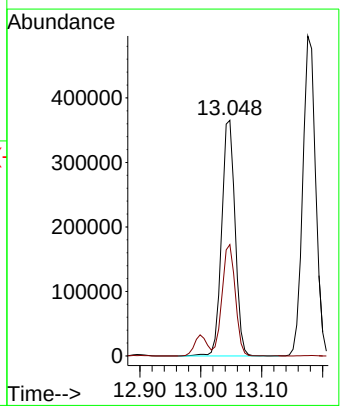
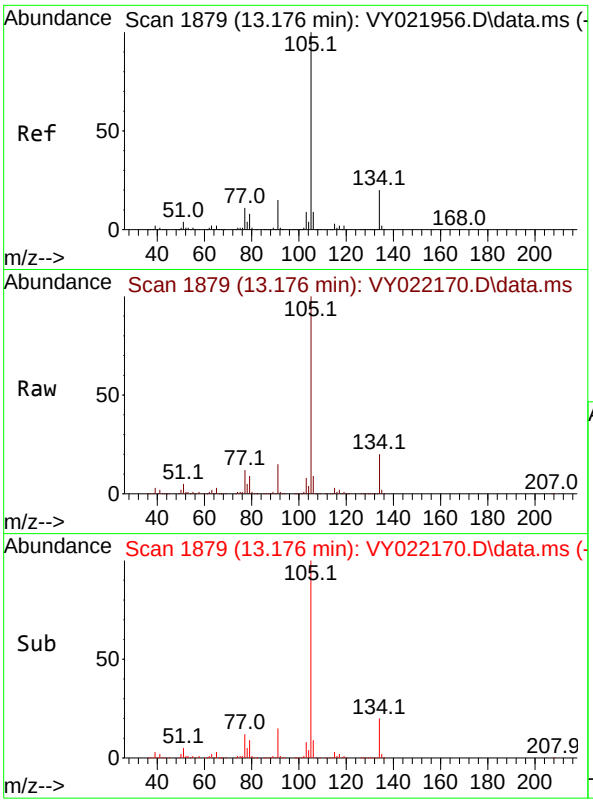


#84
1,2,4-Trimethylbenzene
Concen: 54.747 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:105 Resp: 557633

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0

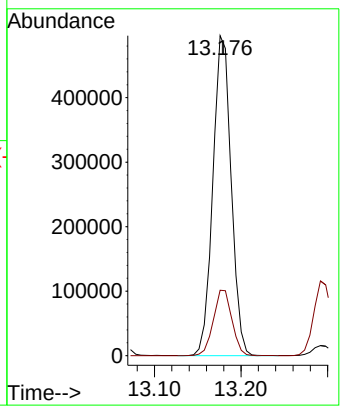




#85
sec-Butylbenzene
Concen: 54.416 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:105 Resp: 72722

Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
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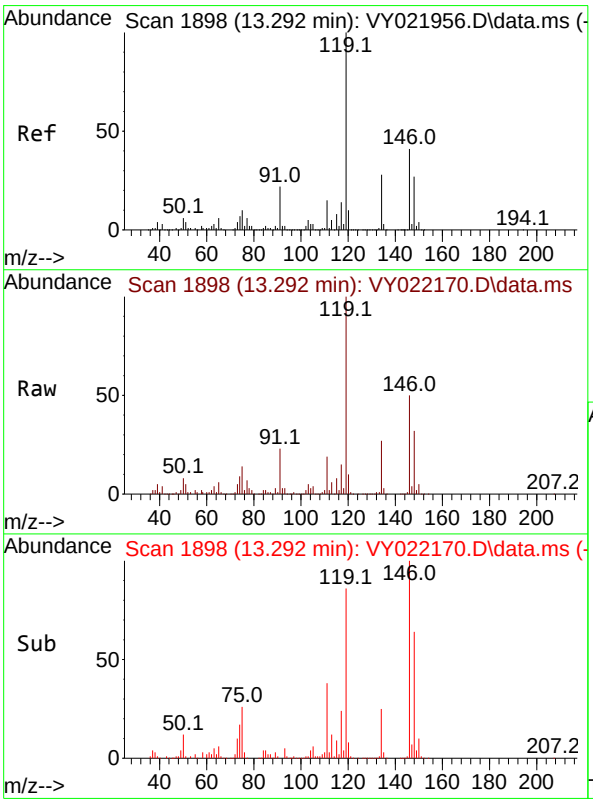
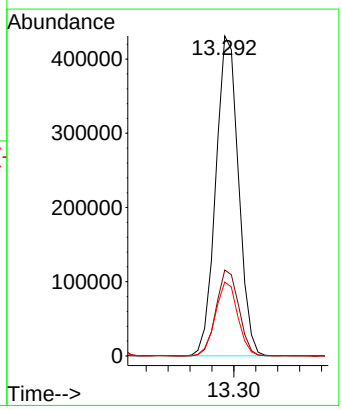
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

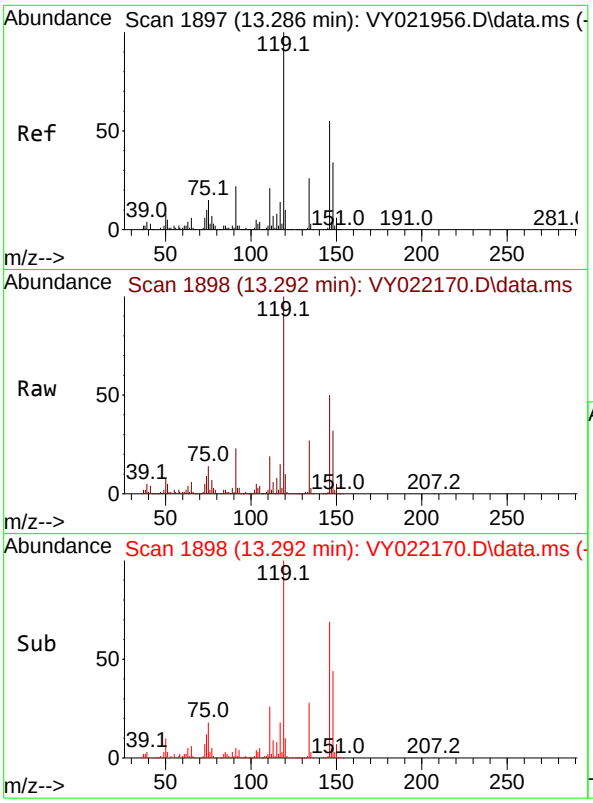


#86
p-Isopropyltoluene
Concen: 54.641 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:119 Resp: 620080

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	22.8	11.0	33.0

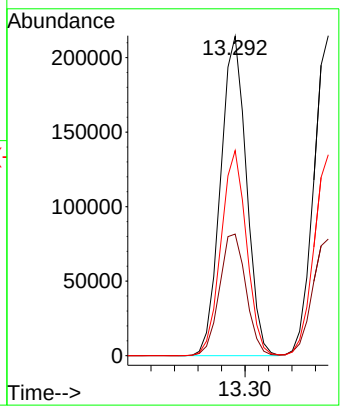




#87
1,3-Dichlorobenzene
Concen: 51.656 ug/l
RT: 13.292 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:146 Resp: 32764

Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.5
148	63.4	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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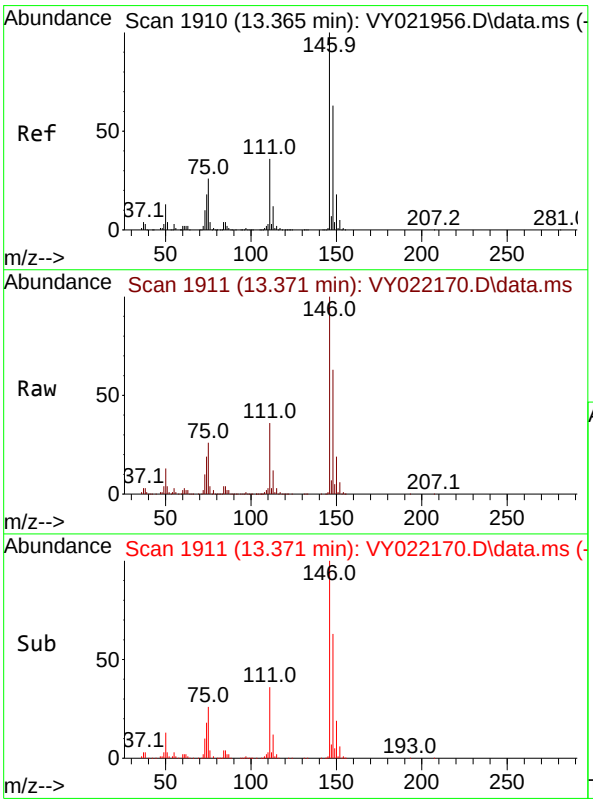
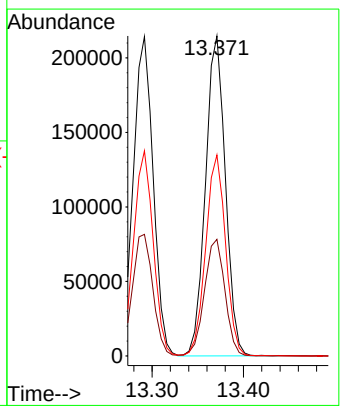
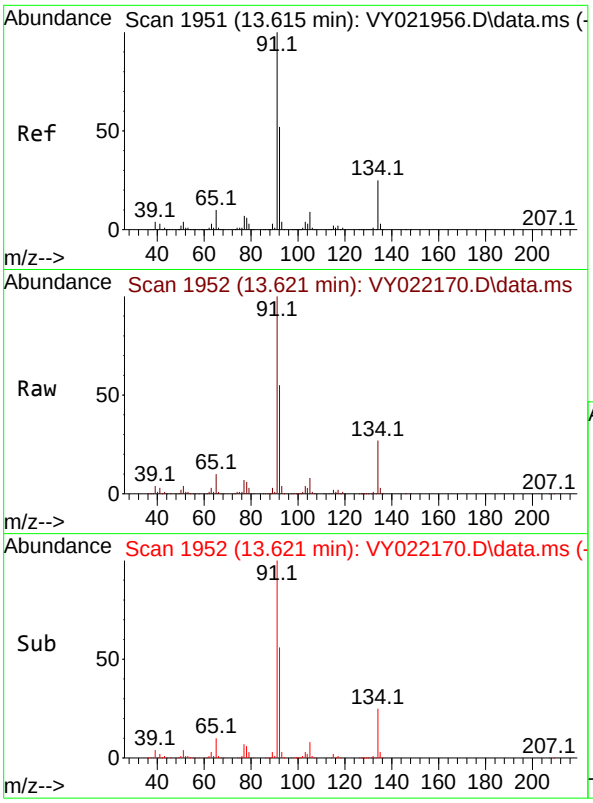


#88
1,4-Dichlorobenzene
Concen: 51.473 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:146 Resp: 323350

Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.2	57.6
148	63.0	32.0	96.0

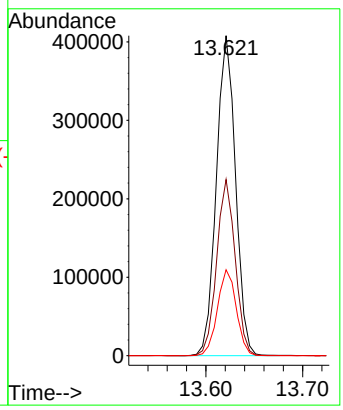




#89
n-Butylbenzene
Concen: 55.231 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 91 Resp: 56022

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.5	79.5
134	26.5	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
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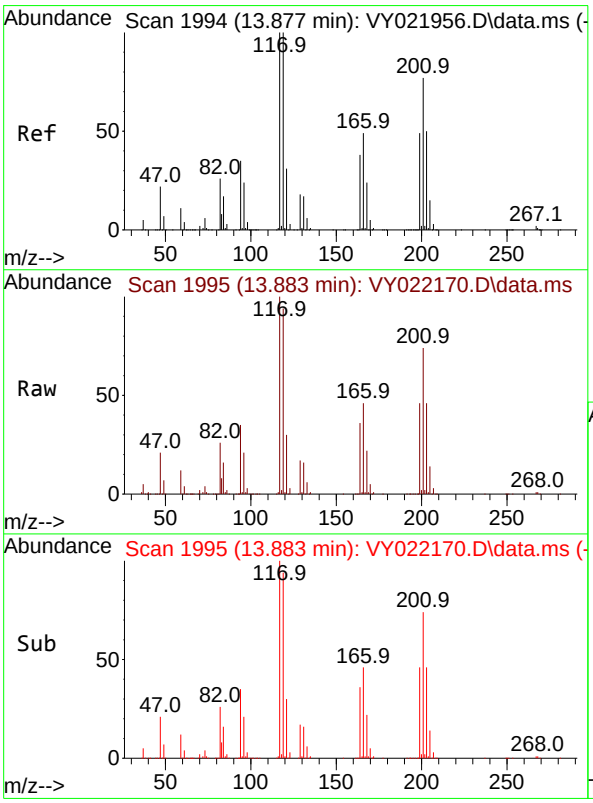
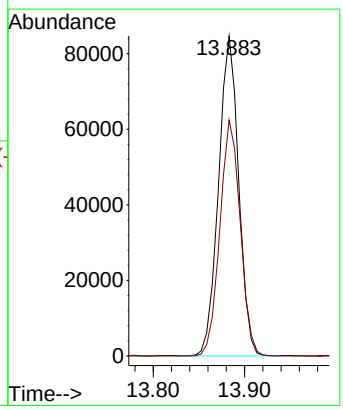
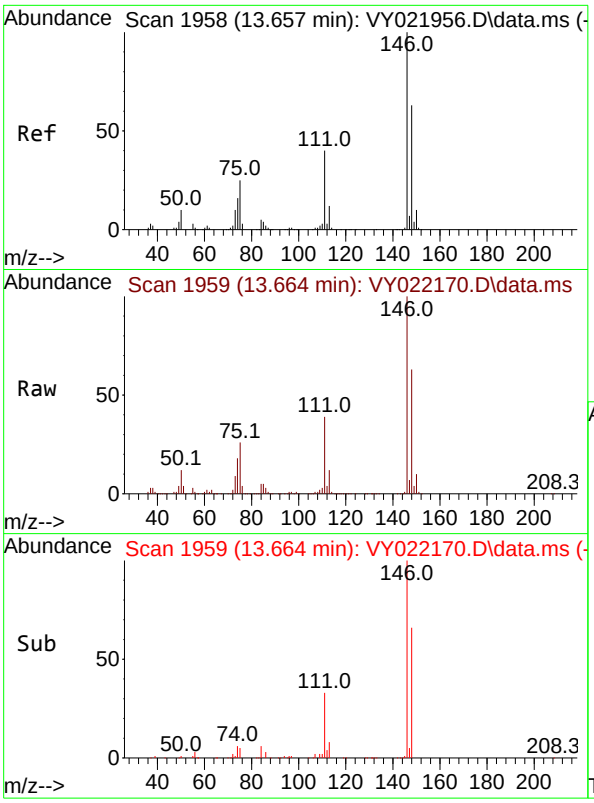


#90
Hexachloroethane
Concen: 51.967 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:117 Resp: 129569

Ion	Ratio	Lower	Upper
117	100		
201	74.7	38.7	116.1

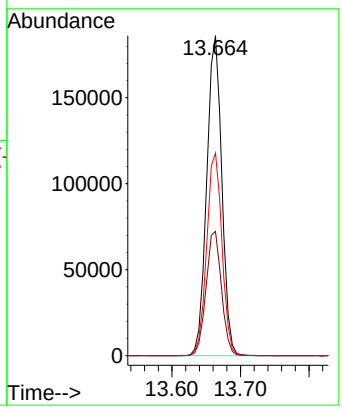




#91
1,2-Dichlorobenzene
Concen: 51.452 ug/l
RT: 13.664 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:146 Resp: 28464

Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.7	59.1
148	64.2	32.1	96.3



Instrument :
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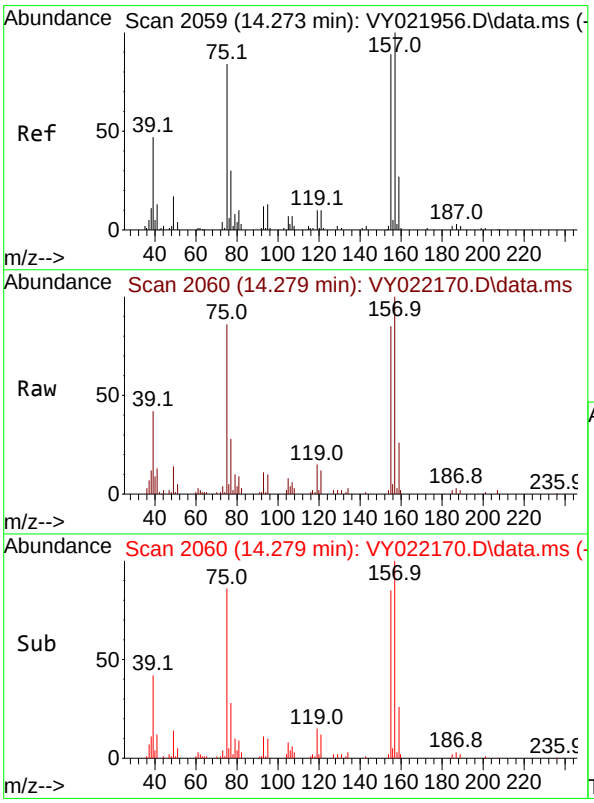
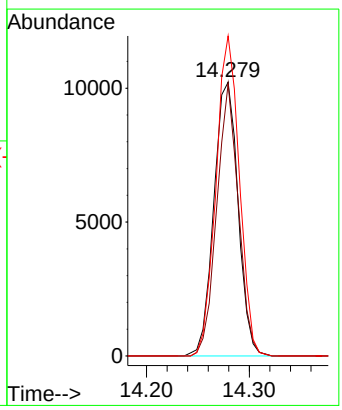
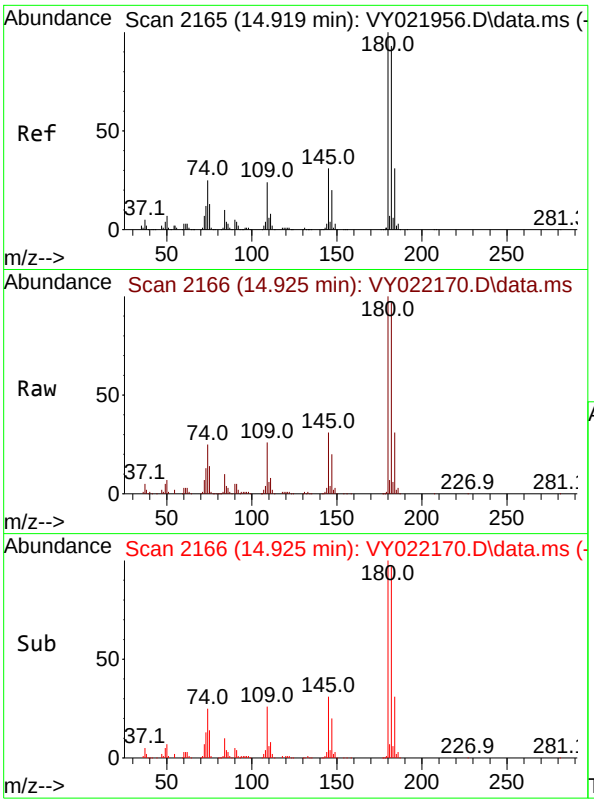


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.369 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion: 75 Resp: 16698

Ion	Ratio	Lower	Upper
75	100		
155	88.9	50.7	152.3
157	113.1	62.6	187.8





#93
1,2,4-Trichlorobenzene
Concen: 50.198 ug/l
RT: 14.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:180 Resp: 15736

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.1	141.4
145	30.4	15.0	45.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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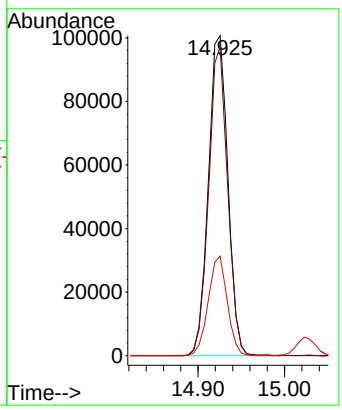
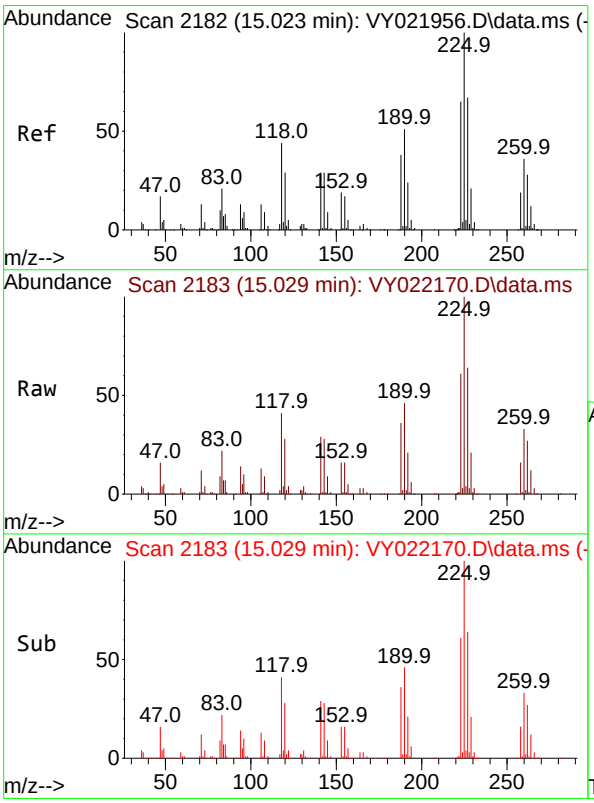
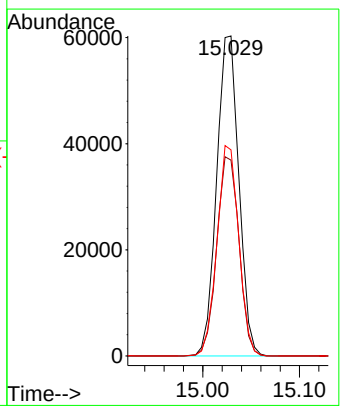


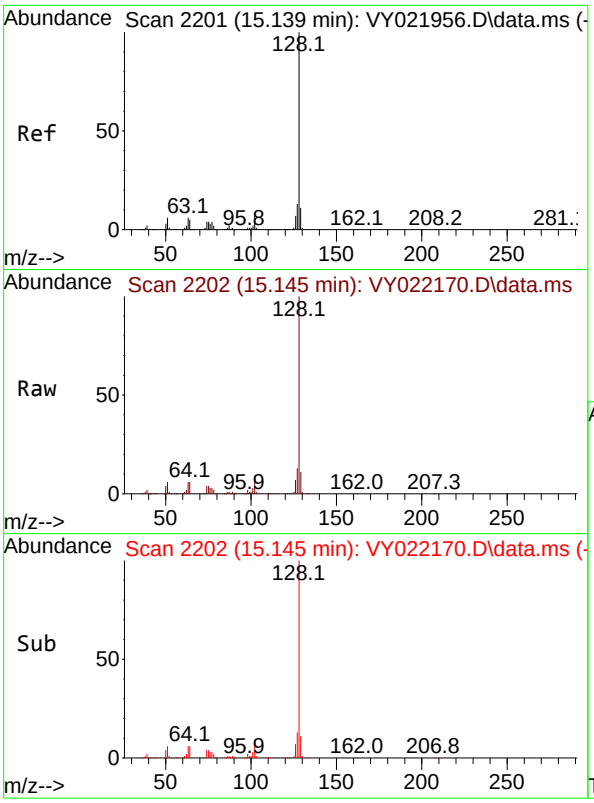


#94
Hexachlorobutadiene
Concen: 49.746 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:225 Resp: 95951

Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.9	95.5
227	64.4	32.3	96.9

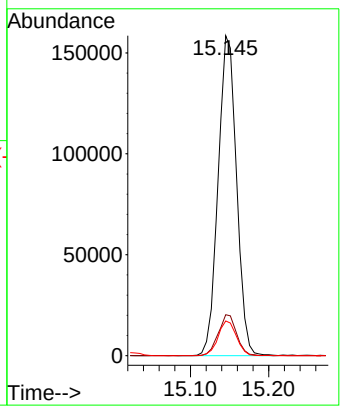




#95
Naphthalene
Concen: 49.892 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:128 Resp: 25982

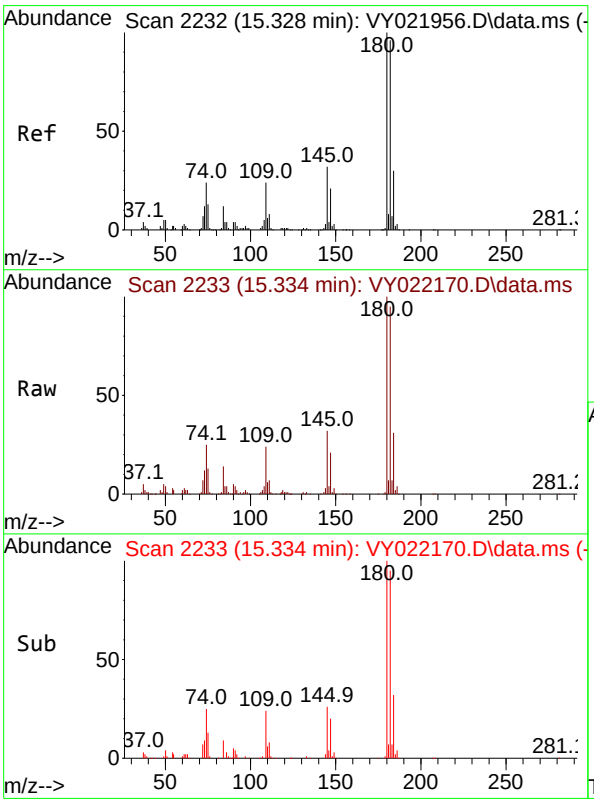
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

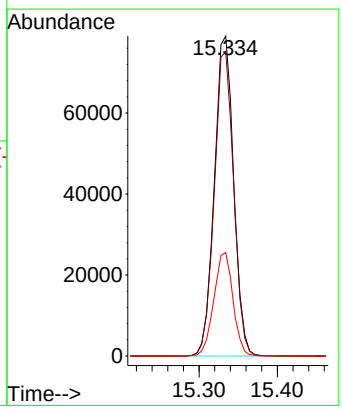
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.992 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY022170.D
Acq: 06 May 2025 09:14

Tgt Ion:180 Resp: 135284

Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.4
145	32.1	16.0	48.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	75	0.00
2	T	Dichlorodifluoromethane	0.426	0.377	11.5	72	0.00
3	P	Chloromethane	0.607	0.572	5.8	71	0.01
4	C	Vinyl Chloride	0.745	0.766	-2.8#	78	0.01
5	T	Bromomethane	0.642	0.588	8.4	74	0.00
6	T	Chloroethane	0.508	0.522	-2.8	79	0.00
7	T	Trichlorofluoromethane	0.983	0.948	3.6	74	0.01
8	T	Diethyl Ether	0.256	0.240	6.3	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.533	0.526	1.3	80	0.01
10	T	Methyl Iodide	0.617	0.593	3.9	70	0.00
11	T	Tert butyl alcohol	0.025	0.025	0.0	71	-0.01
12	CM	1,1-Dichloroethene	0.497	0.479	3.6#	76	0.00
13	T	Acrolein	0.046	0.017	63.0#	30#	0.00
14	T	Allyl chloride	0.579	0.597	-3.1	80	0.00
15	T	Acrylonitrile	0.094	0.095	-1.1	76	0.00
16	T	Acetone	0.070	0.077	-10.0	91	0.00
17	T	Carbon Disulfide	1.585	1.477	6.8	74	0.01
18	T	Methyl Acetate	0.216	0.248	-14.8	83	0.00
19	T	Methyl tert-butyl Ether	1.113	1.119	-0.5	74	0.00
20	T	Methylene Chloride	0.584	0.527	9.8	74	0.00
21	T	trans-1,2-Dichloroethene	0.557	0.556	0.2	78	0.01
22	T	Diisopropyl ether	1.288	1.394	-8.2	81	0.00
23	T	Vinyl Acetate	0.694	0.744	-7.2	78	0.00
24	P	1,1-Dichloroethane	0.893	0.924	-3.5	81	0.00
25	T	2-Butanone	0.105	0.113	-7.6	80	0.00
26	T	2,2-Dichloropropane	0.782	0.830	-6.1	83	0.00
27	T	cis-1,2-Dichloroethene	0.622	0.630	-1.3	77	0.00
28	T	Bromochloromethane	0.347	0.350	-0.9	76	0.00
29	T	Tetrahydrofuran	0.068	0.074	-8.8	76	0.00
30	C	Chloroform	0.990	1.019	-2.9#	79	0.00
31	T	Cyclohexane	0.763	0.776	-1.7	82	0.00
32	T	1,1,1-Trichloroethane	0.896	0.908	-1.3	79	0.00
33	S	1,2-Dichloroethane-d4	0.462	0.462	0.0	74	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35	S	Dibromofluoromethane	0.330	0.334	-1.2	73	0.00
36	T	1,1-Dichloropropene	0.444	0.476	-7.2	81	0.00
37	T	Ethyl Acetate	0.159	0.174	-9.4	78	0.00
38	T	Carbon Tetrachloride	0.530	0.565	-6.6	80	0.00
39	T	Methylcyclohexane	0.558	0.603	-8.1	79	0.00
40	TM	Benzene	1.387	1.468	-5.8	79	0.00
41	T	Methacrylonitrile	0.087	0.091	-4.6	72	0.00
42	TM	1,2-Dichloroethane	0.343	0.366	-6.7	79	0.00
43	T	Isopropyl Acetate	0.306	0.328	-7.2	76	0.00
44	TM	Trichloroethene	0.384	0.400	-4.2	79	0.00
45	C	1,2-Dichloropropane	0.307	0.336	-9.4#	81	0.00
46	T	Dibromomethane	0.192	0.203	-5.7	78	0.00
47	T	Bromodichloromethane	0.480	0.513	-6.9	79	0.00
48	T	Methyl methacrylate	0.141	0.158	-12.1	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	0.002	0.002	0.0	76	0.00
50	S	Toluene-d8	1.245	1.283	-3.1	73	0.00
51	T	4-Methyl-2-Pentanone	0.160	0.183	-14.4	77	0.00
52	CM	Toluene	0.898	0.976	-8.7#	79	0.00
53	T	t-1,3-Dichloropropene	0.411	0.453	-10.2	78	0.00
54	T	cis-1,3-Dichloropropene	0.489	0.525	-7.4	78	0.00
55	T	1,1,2-Trichloroethane	0.256	0.276	-7.8	78	0.00
56	T	Ethyl methacrylate	0.293	0.320	-9.2	73	0.00
57	T	1,3-Dichloropropane	0.411	0.439	-6.8	78	0.00
58	T	2-Chloroethyl Vinyl ether	0.143	0.157	-9.8	71	0.00
59	T	2-Hexanone	0.106	0.123	-16.0	77	0.00
60	T	Dibromochloromethane	0.355	0.376	-5.9	77	0.00
61	T	1,2-Dibromoethane	0.242	0.256	-5.8	77	0.00
62	S	4-Bromofluorobenzene	0.419	0.436	-4.1	74	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
64	T	Tetrachloroethene	0.472	0.490	-3.8	78	0.00
65	PM	Chlorobenzene	1.118	1.178	-5.4	79	0.00
66	T	1,1,1,2-Tetrachloroethane	0.394	0.414	-5.1	77	0.00
67	C	Ethyl Benzene	1.829	2.031	-11.0#	80	0.00
68	T	m/p-Xylenes	0.728	0.817	-12.2	80	0.00
69	T	o-Xylene	0.671	0.744	-10.9	78	0.00
70	T	Styrene	1.126	1.278	-13.5	79	0.00
71	P	Bromoform	0.229	0.239	-4.4	75	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73	T	Isopropylbenzene	3.341	3.536	-5.8	80	0.00
74	T	N-amyl acetate	0.574	0.593	-3.3	75	0.00
75	P	1,1,2,2-Tetrachloroethane	0.563	0.578	-2.7	79	0.00
76	T	1,2,3-Trichloropropane	0.428	0.395	7.7	73	0.00
77	T	Bromobenzene	0.844	0.839	0.6	76	0.00
78	T	n-propylbenzene	3.978	4.340	-9.1	82	0.00
79	T	2-Chlorotoluene	2.314	2.445	-5.7	81	0.00
80	T	1,3,5-Trimethylbenzene	2.752	2.992	-8.7	80	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.184	-3.4	78	0.00
82	T	4-Chlorotoluene	2.405	2.563	-6.6	81	0.00
83	T	tert-Butylbenzene	2.468	2.618	-6.1	79	0.00
84	T	1,2,4-Trimethylbenzene	2.753	3.014	-9.5	81	0.00
85	T	sec-Butylbenzene	3.612	3.931	-8.8	82	0.00
86	T	p-Isopropyltoluene	3.067	3.352	-9.3	82	0.00
87	T	1,3-Dichlorobenzene	1.714	1.771	-3.3	81	0.00
88	T	1,4-Dichlorobenzene	1.698	1.748	-2.9	81	0.00
89	T	n-Butylbenzene	2.742	3.028	-10.4	83	0.00
90	T	Hexachloroethane	0.674	0.700	-3.9	83	0.00
91	T	1,2-Dichlorobenzene	1.495	1.539	-2.9	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.090	0.0	81	0.00
93	T	1,2,4-Trichlorobenzene	0.847	0.851	-0.5	78	0.00
94	T	Hexachlorobutadiene	0.521	0.519	0.4	81	0.00
95	T	Naphthalene	1.408	1.405	0.2	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.731	0.0	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	75	0.00
2	T	Dichlorodifluoromethane	50.000	44.239	11.5	72	0.00
3	P	Chloromethane	50.000	47.167	5.7	71	0.01
4	C	Vinyl Chloride	50.000	51.350	-2.7#	78	0.01
5	T	Bromomethane	50.000	45.776	8.4	74	0.00
6	T	Chloroethane	50.000	51.436	-2.9	79	0.00
7	T	Trichlorofluoromethane	50.000	48.240	3.5	74	0.01
8	T	Diethyl Ether	50.000	46.976	6.0	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.329	1.3	80	0.01
10	T	Methyl Iodide	50.000	48.044	3.9	70	0.00
11	T	Tert butyl alcohol	250.000	244.379	2.2	71	-0.01
12	CM	1,1-Dichloroethene	50.000	48.234	3.5#	76	0.00
13	T	Acrolein	250.000	93.226	62.7#	30	0.00
14	T	Allyl chloride	50.000	51.533	-3.1	80	0.00
15	T	Acrylonitrile	250.000	254.854	-1.9	76	0.00
16	T	Acetone	250.000	325.552	-30.2#	91	0.00
17	T	Carbon Disulfide	50.000	46.612	6.8	74	0.01
18	T	Methyl Acetate	50.000	57.410	-14.8	83	0.00
19	T	Methyl tert-butyl Ether	50.000	50.294	-0.6	74	0.00
20	T	Methylene Chloride	50.000	45.132	9.7	74	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.912	0.2	78	0.01
22	T	Diisopropyl ether	50.000	54.103	-8.2	81	0.00
23	T	Vinyl Acetate	250.000	268.116	-7.2	78	0.00
24	P	1,1-Dichloroethane	50.000	51.769	-3.5	81	0.00
25	T	2-Butanone	250.000	268.255	-7.3	80	0.00
26	T	2,2-Dichloropropane	50.000	53.023	-6.0	83	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.577	-1.2	77	0.00
28	T	Bromochloromethane	50.000	50.463	-0.9	76	0.00
29	T	Tetrahydrofuran	250.000	271.597	-8.6	76	0.00
30	C	Chloroform	50.000	51.434	-2.9#	79	0.00
31	T	Cyclohexane	50.000	50.801	-1.6	82	0.00
32	T	1,1,1-Trichloroethane	50.000	50.699	-1.4	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.010	-0.0	74	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	50.504	-1.0	73	0.00
36	T	1,1-Dichloropropene	50.000	53.592	-7.2	81	0.00
37	T	Ethyl Acetate	50.000	54.533	-9.1	78	0.00
38	T	Carbon Tetrachloride	50.000	53.235	-6.5	80	0.00
39	T	Methylcyclohexane	50.000	53.975	-8.0	79	0.00
40	TM	Benzene	50.000	52.935	-5.9	79	0.00
41	T	Methacrylonitrile	50.000	52.375	-4.8	72	0.00
42	TM	1,2-Dichloroethane	50.000	53.280	-6.6	79	0.00
43	T	Isopropyl Acetate	50.000	53.552	-7.1	76	0.00
44	TM	Trichloroethene	50.000	52.045	-4.1	79	0.00
45	C	1,2-Dichloropropane	50.000	54.827	-9.7#	81	0.00
46	T	Dibromomethane	50.000	52.804	-5.6	78	0.00
47	T	Bromodichloromethane	50.000	53.477	-7.0	79	0.00
48	T	Methyl methacrylate	50.000	55.686	-11.4	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	1044.921	-4.5	76	0.00
50	S	Toluene-d8	50.000	51.530	-3.1	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	284.953	-14.0	77	0.00
52	CM	Toluene	50.000	54.344	-8.7#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	55.059	-10.1	78	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.717	-7.4	78	0.00
55	T	1,1,2-Trichloroethane	50.000	53.748	-7.5	78	0.00
56	T	Ethyl methacrylate	50.000	54.630	-9.3	73	0.00
57	T	1,3-Dichloropropane	50.000	53.442	-6.9	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.338	-9.7	71	0.00
59	T	2-Hexanone	250.000	290.152	-16.1	77	0.00
60	T	Dibromochloromethane	50.000	52.935	-5.9	77	0.00
61	T	1,2-Dibromoethane	50.000	52.902	-5.8	77	0.00
62	S	4-Bromofluorobenzene	50.000	51.992	-4.0	74	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	51.922	-3.8	78	0.00
65	PM	Chlorobenzene	50.000	52.689	-5.4	79	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.530	-5.1	77	0.00
67	C	Ethyl Benzene	50.000	55.508	-11.0#	80	0.00
68	T	m/p-Xylenes	100.000	112.277	-12.3	80	0.00
69	T	o-Xylene	50.000	55.432	-10.9	78	0.00
70	T	Styrene	50.000	56.750	-13.5	79	0.00
71	P	Bromoform	50.000	52.185	-4.4	75	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73	T	Isopropylbenzene	50.000	52.929	-5.9	80	0.00
74	T	N-amyl acetate	50.000	51.702	-3.4	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.312	-2.6	79	0.00
76	T	1,2,3-Trichloropropane	50.000	46.089	7.8	73	0.00
77	T	Bromobenzene	50.000	49.685	0.6	76	0.00
78	T	n-propylbenzene	50.000	54.551	-9.1	82	0.00
79	T	2-Chlorotoluene	50.000	52.846	-5.7	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.357	-8.7	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.594	-3.2	78	0.00
82	T	4-Chlorotoluene	50.000	53.283	-6.6	81	0.00
83	T	tert-Butylbenzene	50.000	53.022	-6.0	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.747	-9.5	81	0.00
85	T	sec-Butylbenzene	50.000	54.416	-8.8	82	0.00
86	T	p-Isopropyltoluene	50.000	54.641	-9.3	82	0.00
87	T	1,3-Dichlorobenzene	50.000	51.656	-3.3	81	0.00
88	T	1,4-Dichlorobenzene	50.000	51.473	-2.9	81	0.00
89	T	n-Butylbenzene	50.000	55.231	-10.5	83	0.00
90	T	Hexachloroethane	50.000	51.967	-3.9	83	0.00
91	T	1,2-Dichlorobenzene	50.000	51.452	-2.9	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.369	-0.7	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.198	-0.4	78	0.00
94	T	Hexachlorobutadiene	50.000	49.746	0.5	81	0.00
95	T	Naphthalene	50.000	49.892	0.2	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022170.D
Acq On : 06 May 2025 09:14
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 04:30:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 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	49.992	0.0	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

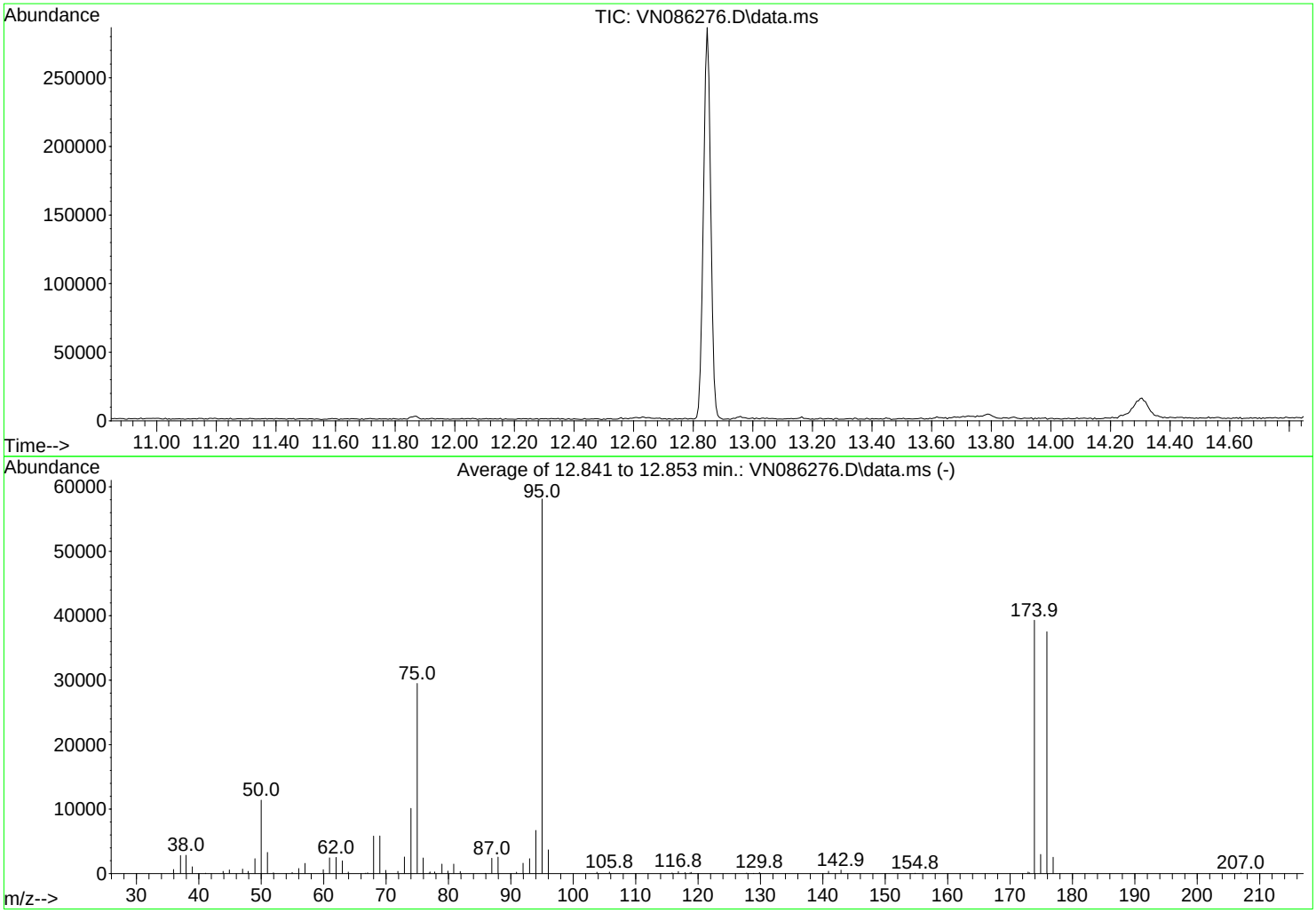
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
Data File : VN086276.D
Acq On : 15 Apr 2025 10:47
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

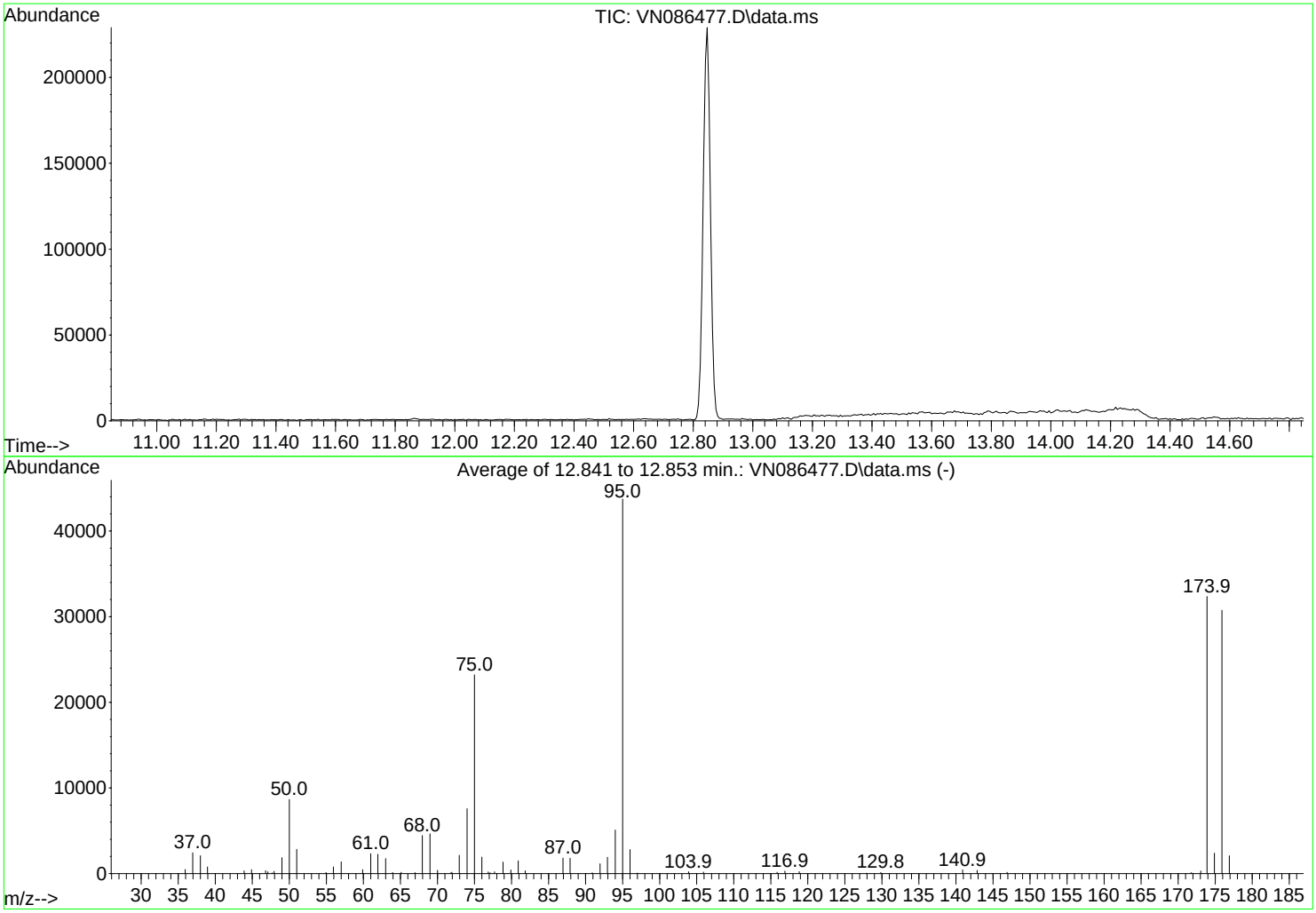
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.6	11398	PASS
75	95	30	60	50.8	29499	PASS
95	95	100	100	100.0	58112	PASS
96	95	5	9	6.3	3682	PASS
173	174	0.00	2	0.6	240	PASS
174	95	50	100	67.6	39296	PASS
175	174	5	9	7.6	2977	PASS
176	174	95	101	95.5	37528	PASS
177	176	5	9	6.7	2533	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086477.D
Acq On : 05 May 2025 10:23
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025



AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1843

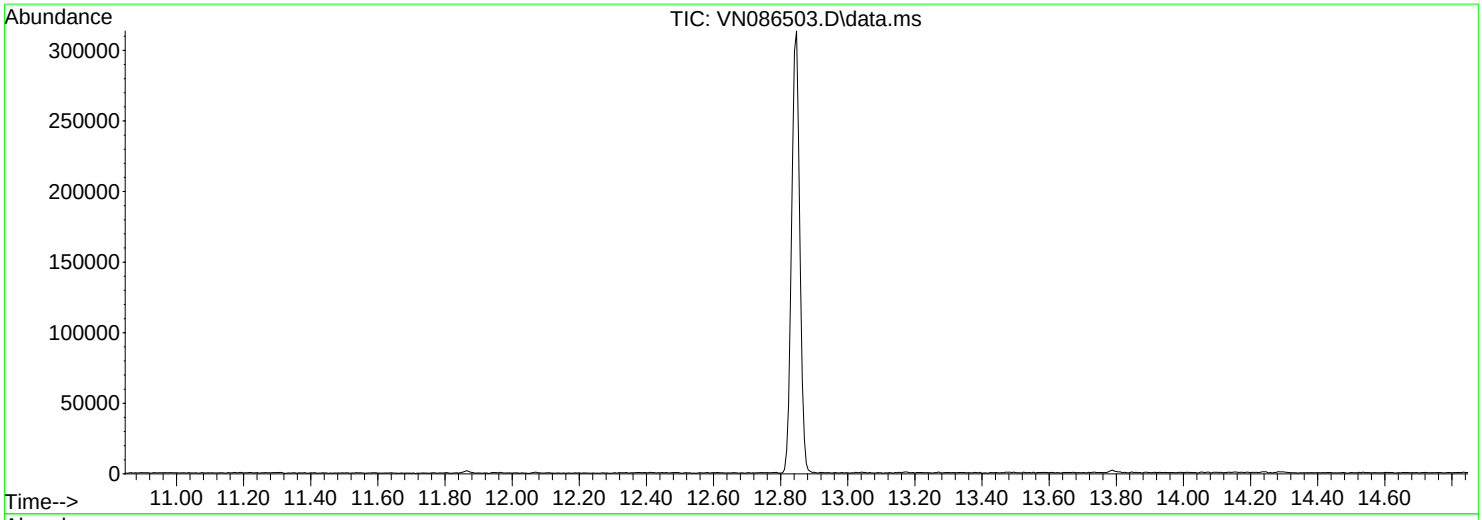
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	8661	PASS
75	95	30	60	53.1	23221	PASS
95	95	100	100	100.0	43739	PASS
96	95	5	9	6.4	2801	PASS
173	174	0.00	2	1.0	319	PASS
174	95	50	100	74.0	32349	PASS
175	174	5	9	7.4	2398	PASS
176	174	95	101	95.0	30739	PASS
177	176	5	9	6.8	2079	PASS

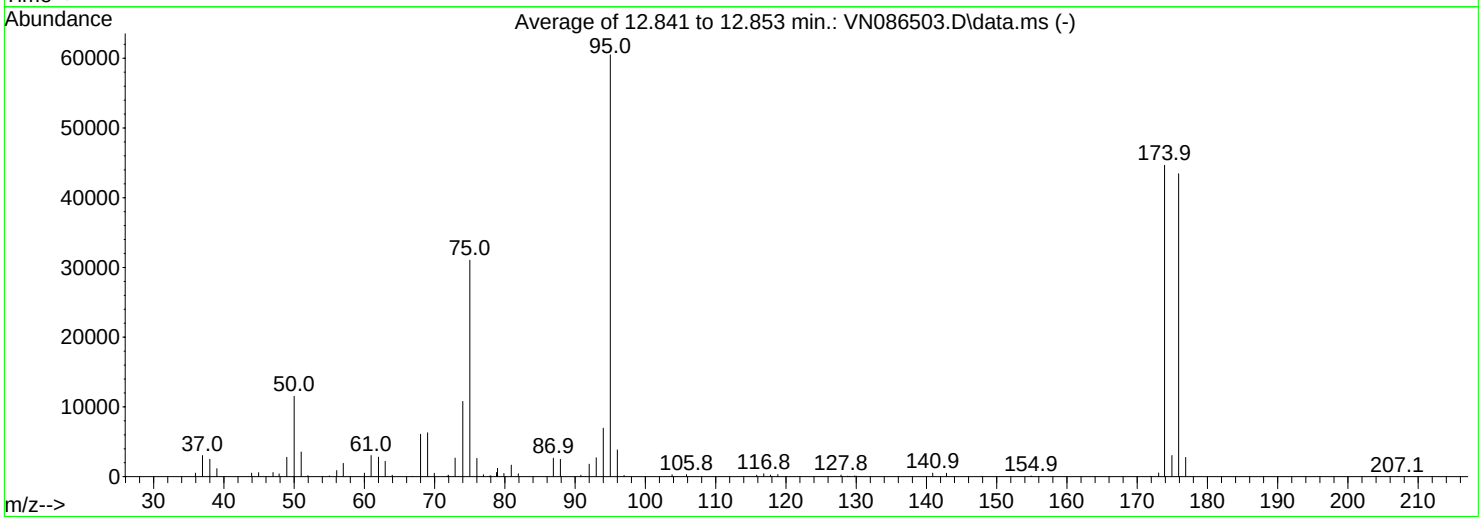
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086503.D
Acq On : 06 May 2025 09:13
Operator : JC\MD
Sample : BFB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Title : SW846 8260
Last Update : Wed Apr 16 04:19:23 2025





AutoFind: Scans 1851, 1852, 1853; Background Corrected with Scan 1842

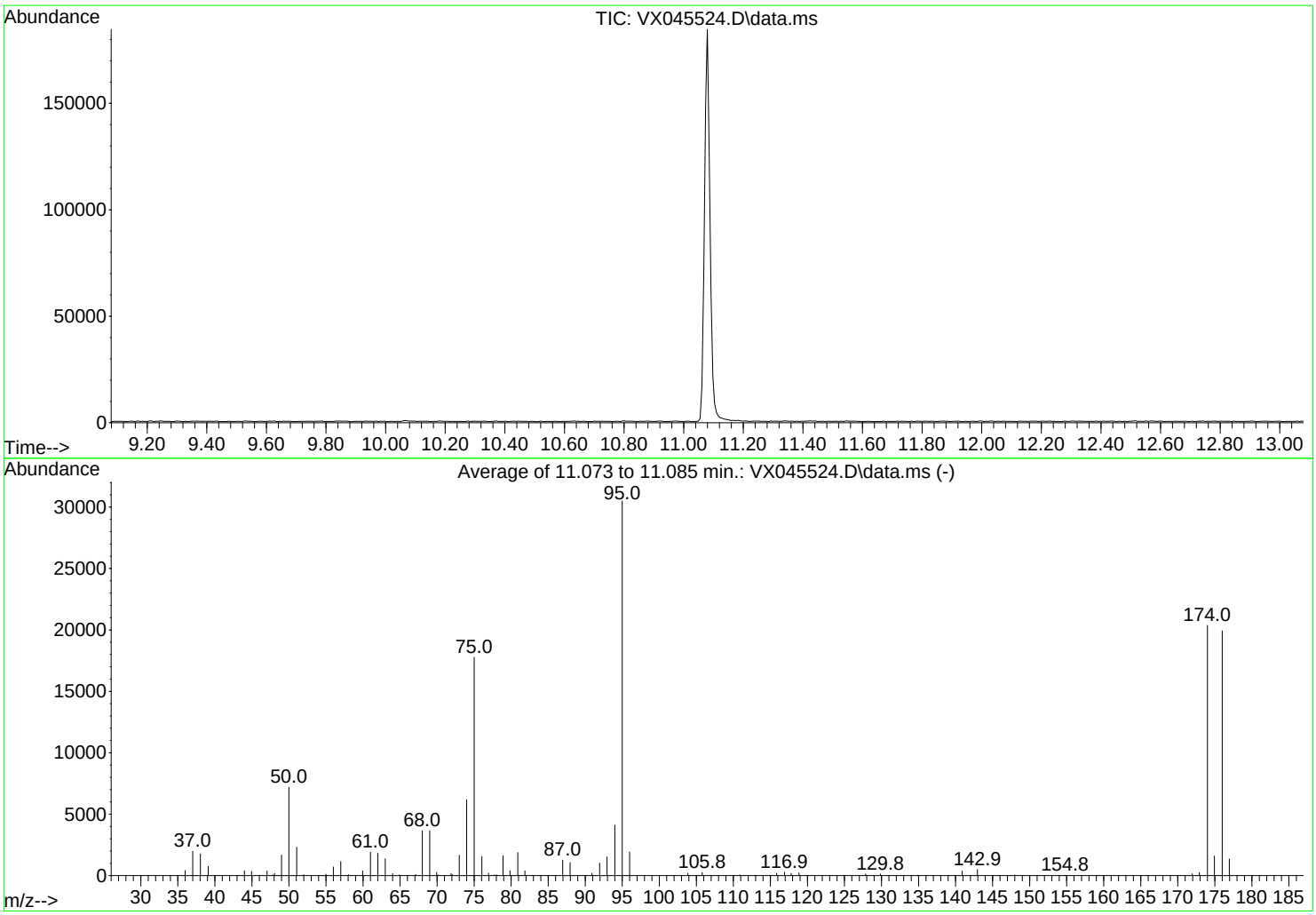
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	11520	PASS
75	95	30	60	51.3	31056	PASS
95	95	100	100	100.0	60491	PASS
96	95	5	9	6.3	3832	PASS
173	174	0.00	2	1.2	539	PASS
174	95	50	100	73.8	44659	PASS
175	174	5	9	6.8	3021	PASS
176	174	95	101	97.3	43437	PASS
177	176	5	9	6.3	2756	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
Data File : VX045524.D
Acq On : 01 Apr 2025 16:15
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\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.6	7184	PASS
75	95	30	60	58.2	17768	PASS
95	95	100	100	100.0	30504	PASS
96	95	5	9	6.3	1916	PASS
173	174	0.00	2	1.2	253	PASS
174	95	50	100	66.8	20365	PASS
175	174	5	9	7.8	1596	PASS
176	174	95	101	97.8	19923	PASS
177	176	5	9	6.8	1352	PASS

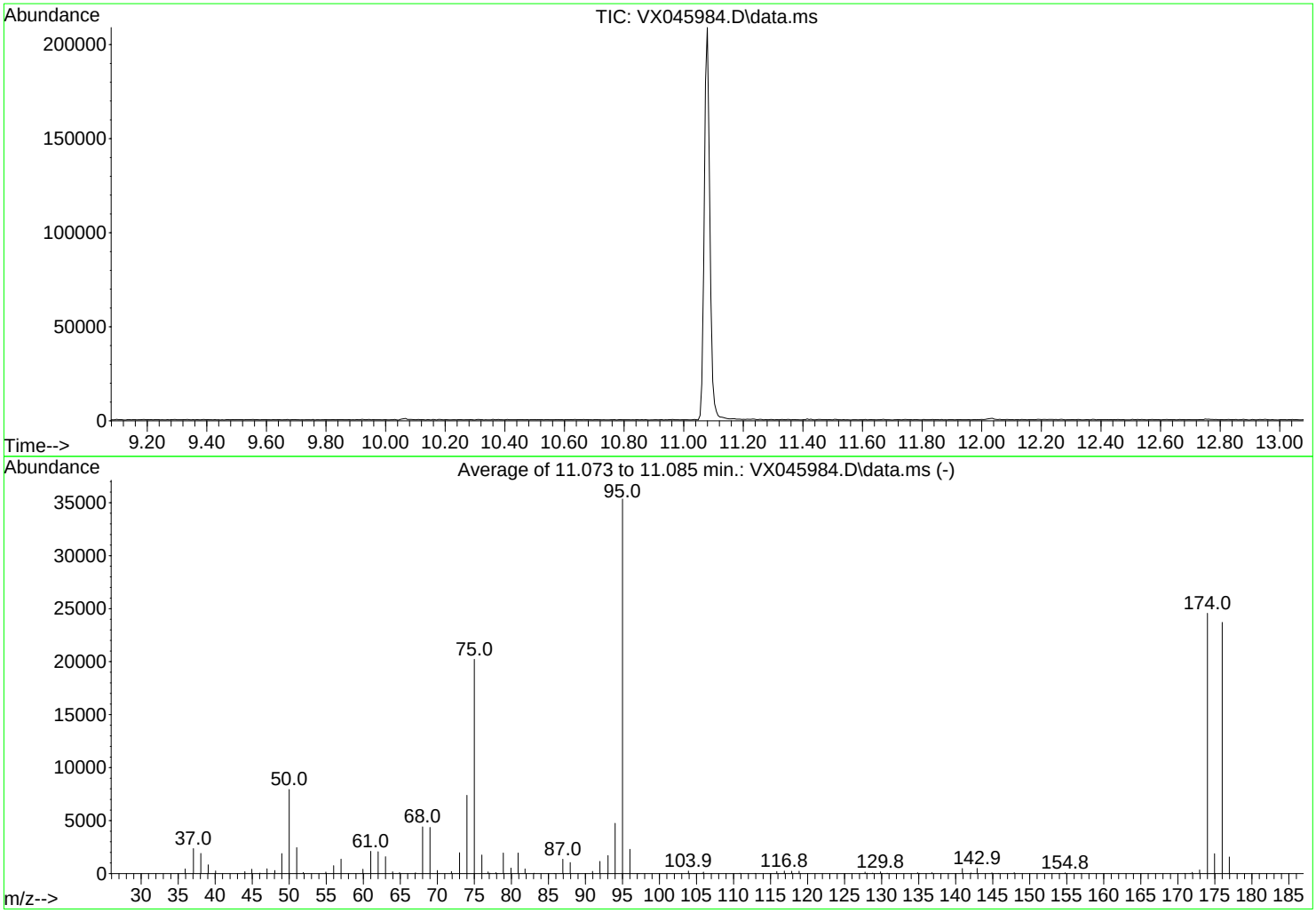
Sample Results: **VX045984.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045984.D
Acq On : 30 Apr 2025 09:32
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\82X040225W.M
Title : SW846 8260
Last Update : Wed Apr 02 03:11:43 2025



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

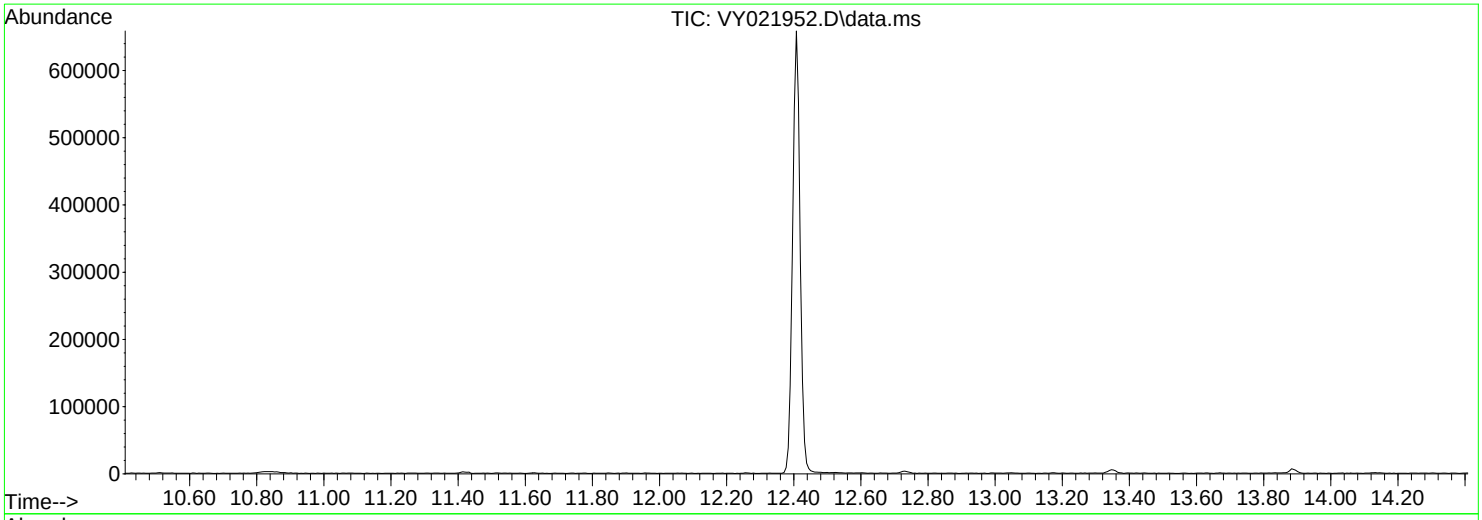
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.5	7942	PASS
75	95	30	60	57.2	20221	PASS
95	95	100	100	100.0	35349	PASS
96	95	5	9	6.5	2291	PASS
173	174	0.00	2	1.4	345	PASS
174	95	50	100	69.5	24563	PASS
175	174	5	9	7.7	1882	PASS
176	174	95	101	96.5	23704	PASS
177	176	5	9	6.6	1575	PASS

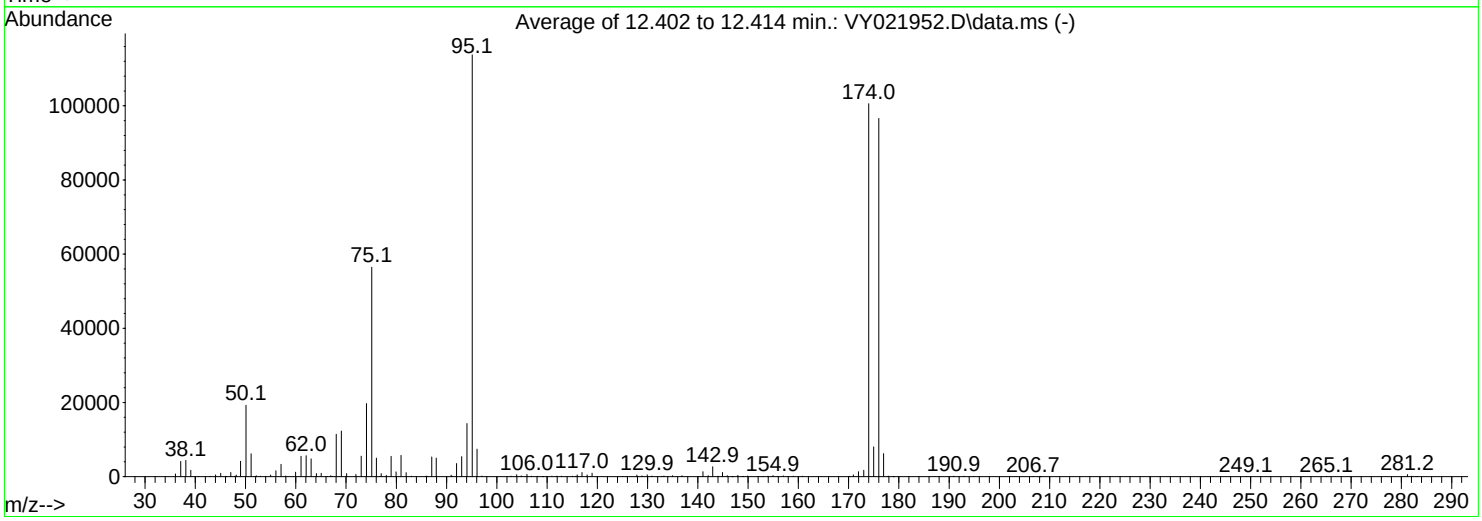
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
Data File : VY021952.D
Acq On : 22 Apr 2025 11:33
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Title : SW846 8260
Last Update : Wed Apr 23 02:30:30 2025





AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1743

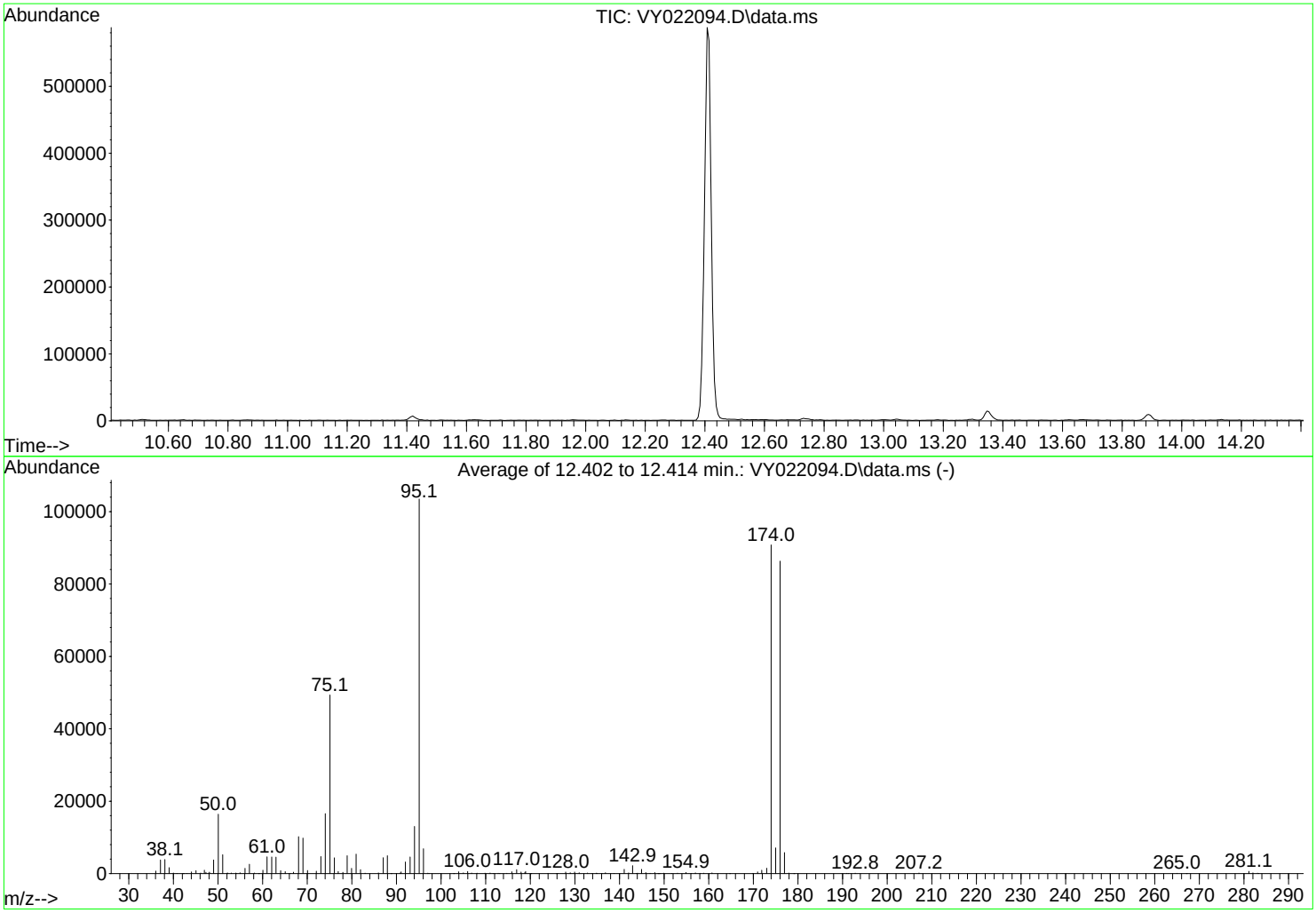
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.9	19237	PASS
75	95	30	60	49.7	56504	PASS
95	95	100	100	100.0	113749	PASS
96	95	5	9	6.5	7410	PASS
173	174	0.00	2	1.7	1741	PASS
174	95	50	100	88.4	100587	PASS
175	174	5	9	8.0	8046	PASS
176	174	95	101	96.1	96621	PASS
177	176	5	9	6.4	6205	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022094.D
Acq On : 01 May 2025 08:20
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Title : SW846 8260
Last Update : Wed Apr 23 02:30:30 2025



AutoFind: Scans 1752, 1753, 1754; Background Corrected with Scan 1744

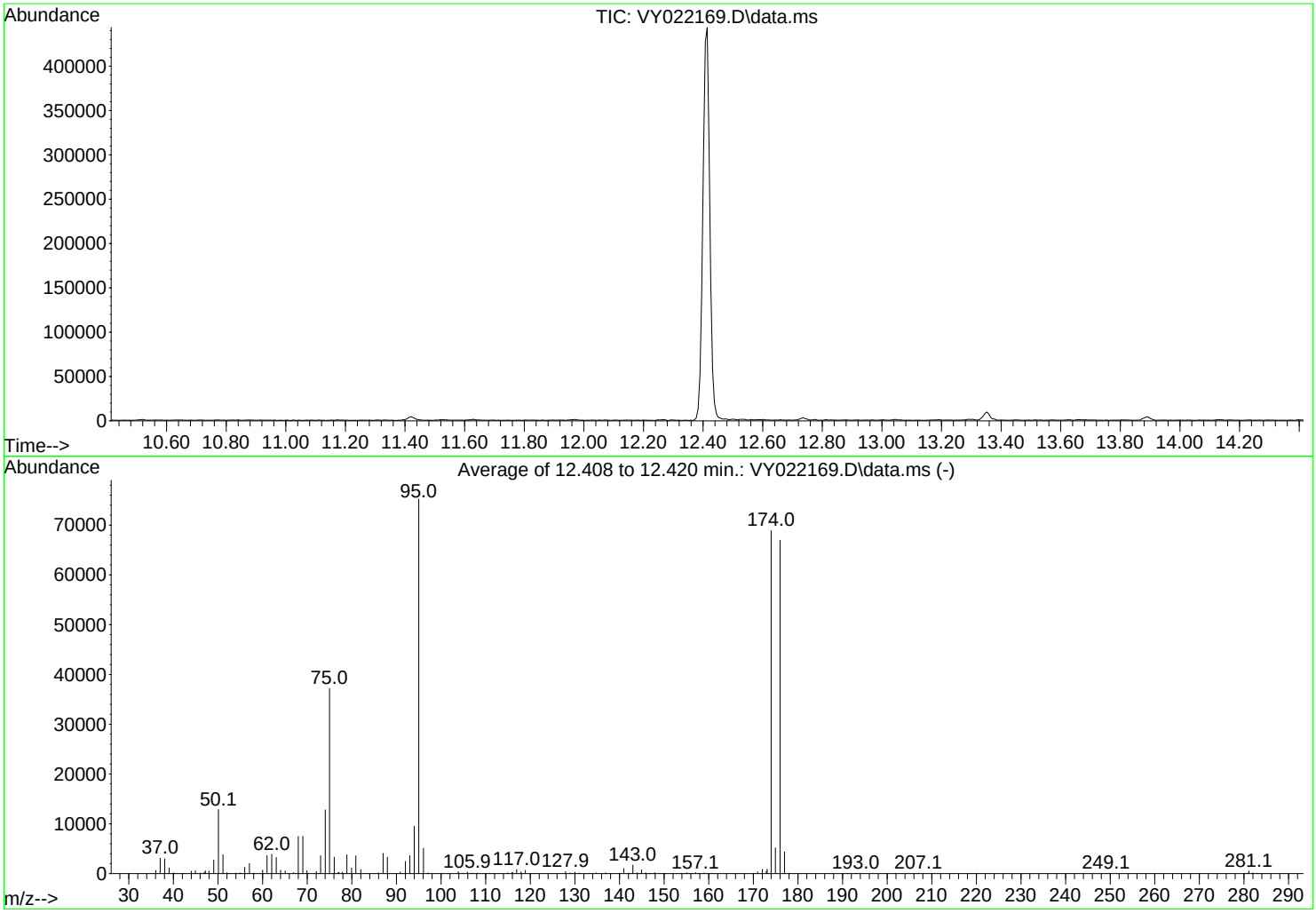
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.8	16401	PASS
75	95	30	60	47.7	49328	PASS
95	95	100	100	100.0	103483	PASS
96	95	5	9	6.6	6869	PASS
173	174	0.00	2	1.7	1510	PASS
174	95	50	100	87.7	90792	PASS
175	174	5	9	7.8	7092	PASS
176	174	95	101	95.1	86309	PASS
177	176	5	9	6.8	5827	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022169.D
Acq On : 06 May 2025 08:00
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Title : SW846 8260
Last Update : Wed Apr 23 02:30:30 2025



AutoFind: Scans 1753, 1754, 1755; Background Corrected with Scan 1744

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.1	12878	PASS
75	95	30	60	49.4	37192	PASS
95	95	100	100	100.0	75248	PASS
96	95	5	9	6.8	5094	PASS
173	174	0.00	2	1.3	927	PASS
174	95	50	100	91.6	68904	PASS
175	174	5	9	7.5	5160	PASS
176	174	95	101	97.2	66941	PASS
177	176	5	9	6.5	4380	PASS

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VN0505MBL01	SDG No.:	Q1914
Lab Sample ID:	VN0505MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086479.D	1		05/05/25 12:13	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	500	U	79.0	500	ug/Kg
108-88-3	Toluene	500	U	78.0	500	ug/Kg
100-41-4	Ethyl Benzene	500	U	67.0	500	ug/Kg
1330-20-7	Total Xylenes	1500	U	202	1500	ug/Kg
98-82-8	Isopropylbenzene	500	U	78.0	500	ug/Kg
103-65-1	n-propylbenzene	500	U	73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	500	U	82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	500	U	67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	500	U	64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	500	U	66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	500	U	62.0	500	ug/Kg
104-51-8	n-Butylbenzene	500	U	150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	60.5		70 - 134	121%	SPK: 50
2037-26-5	Toluene-d8	51.1		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.6		38 - 136	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	157000	8.224			
540-36-3	1,4-Difluorobenzene	299000	9.1			
3114-55-4	Chlorobenzene-d5	278000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	117000	13.788			

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_N\Data\VN050525\
Data File : VN086479.D
Acq On : 05 May 2025 12:13
Operator : JC\MD
Sample : VN0505MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBL01

Quant Time: May 06 01:43:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	156968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110140	48.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.780%			
35) Dibromofluoromethane	8.165	113	83915	60.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.020%			
50) Toluene-d8	10.565	98	378837	51.111	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.220%			
62) 4-Bromofluorobenzene	12.847	95	131288	48.562	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.120%			

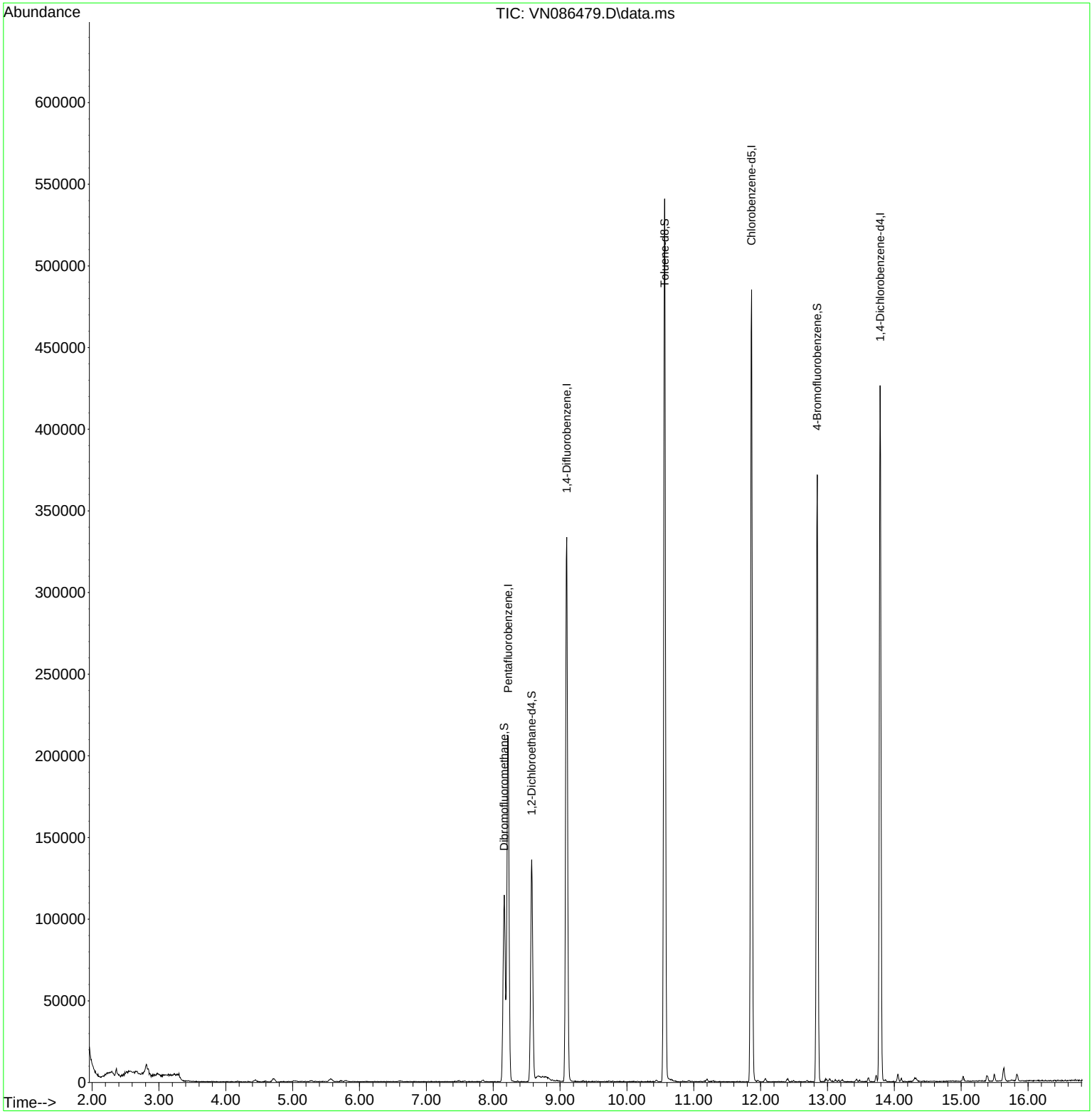
Target Compounds Qvalue

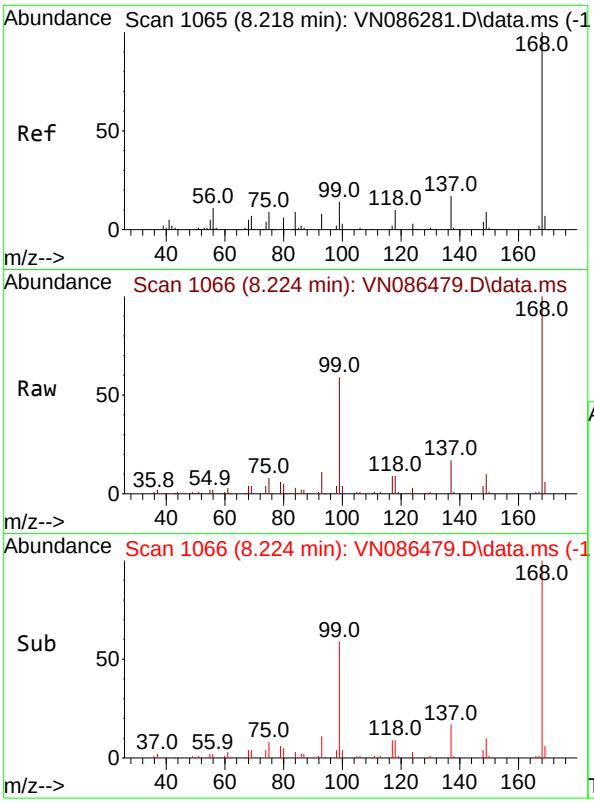
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086479.D
Acq On : 05 May 2025 12:13
Operator : JC\MD
Sample : VN0505MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBL01

Quant Time: May 06 01:43:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



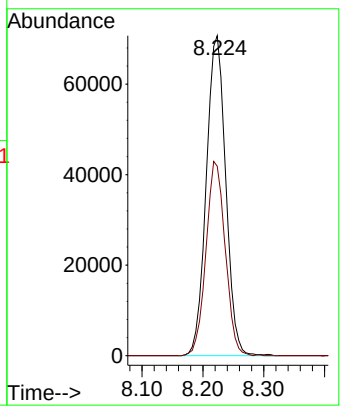


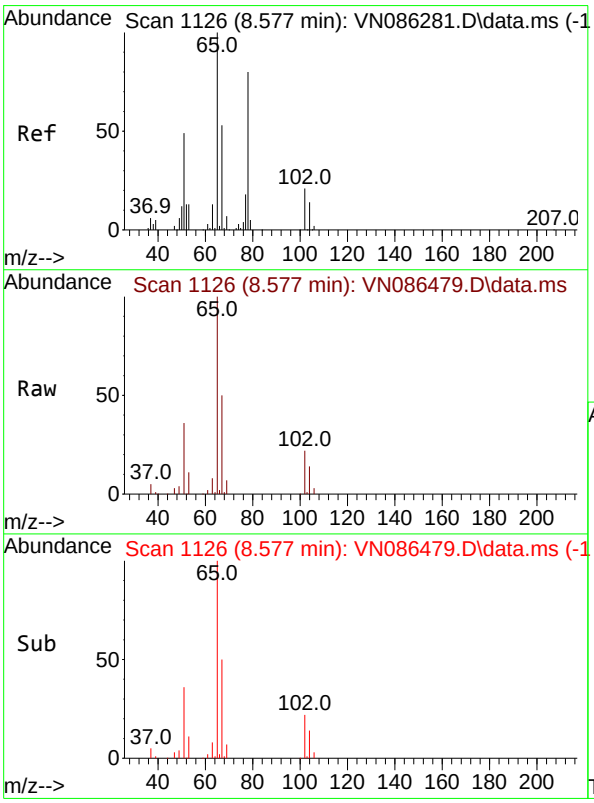
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086479.D
Acq: 05 May 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBL01

Tgt Ion:168 Resp: 156968

Ion	Ratio	Lower	Upper
168	100		
99	59.2	52.5	78.7

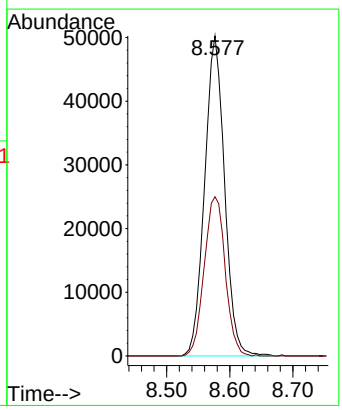


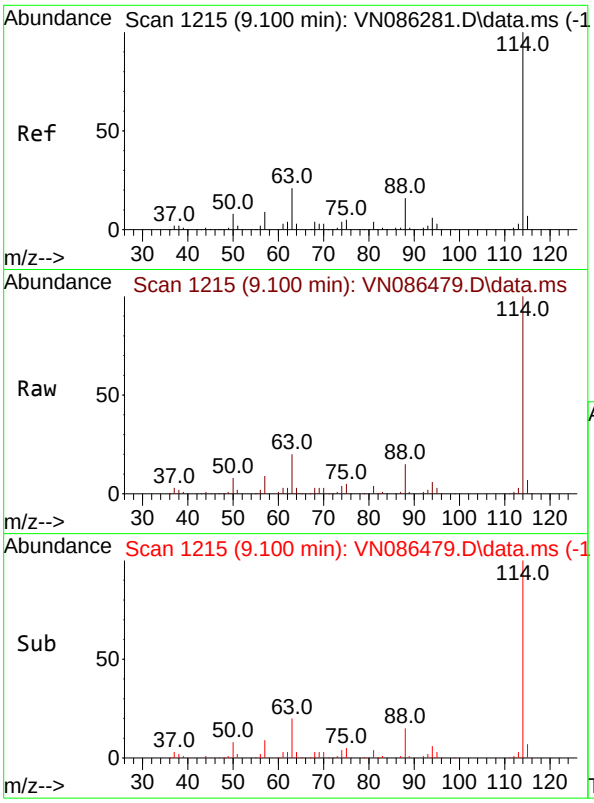


#33
1,2-Dichloroethane-d4
Concen: 48.388 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086479.D
Acq: 05 May 2025 12:13

Tgt Ion: 65 Resp: 110140

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.0



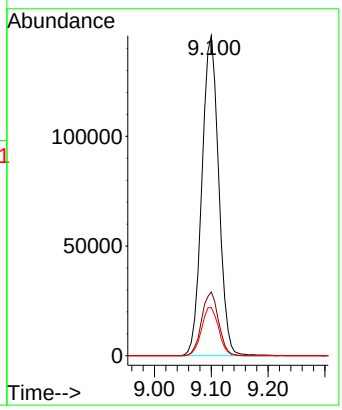


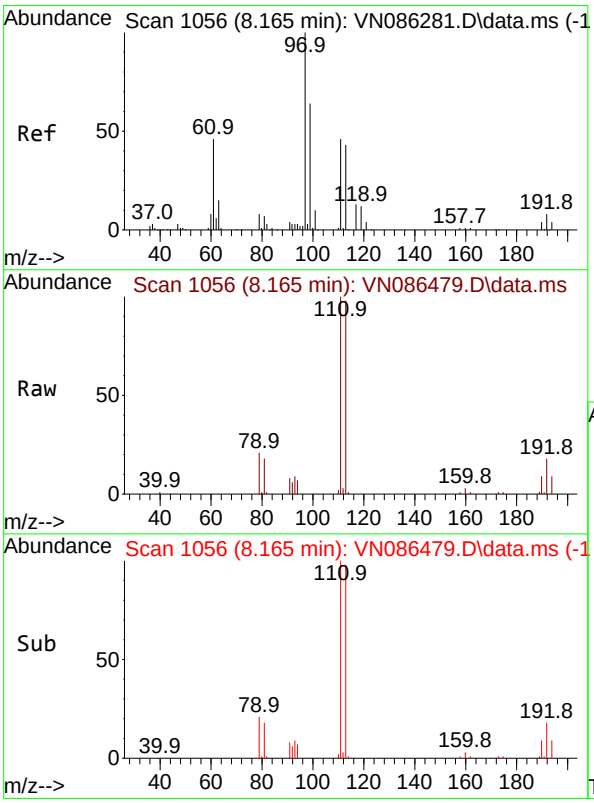
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086479.D
Acq: 05 May 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBL01

Tgt Ion:114 Resp: 298822

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	15.1	0.0	31.8

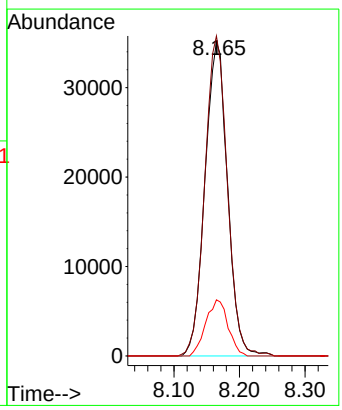


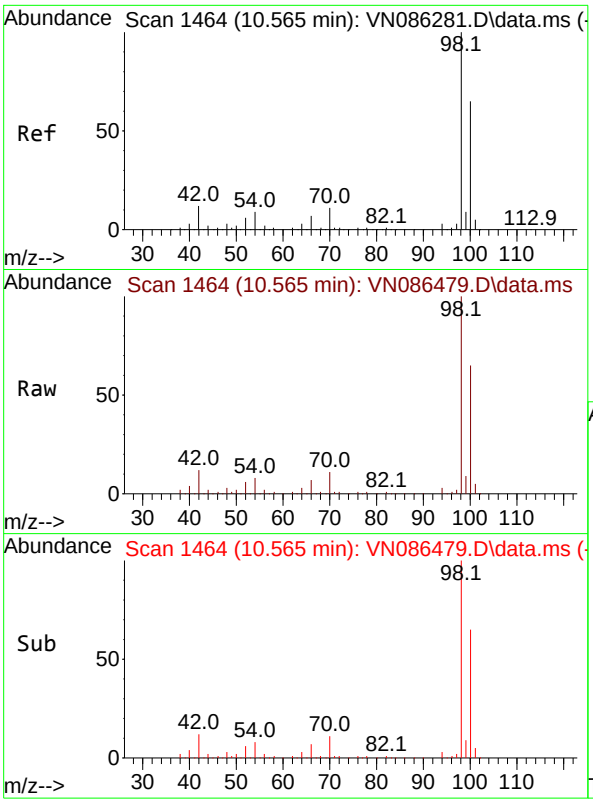


#35
Dibromofluoromethane
Concen: 60.507 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086479.D
Acq: 05 May 2025 12:13

Tgt Ion:113 Resp: 83915

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.4	125.0
192	17.6	13.7	20.5



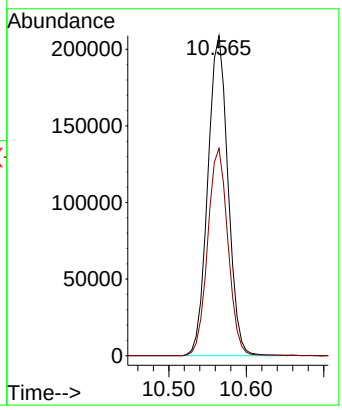


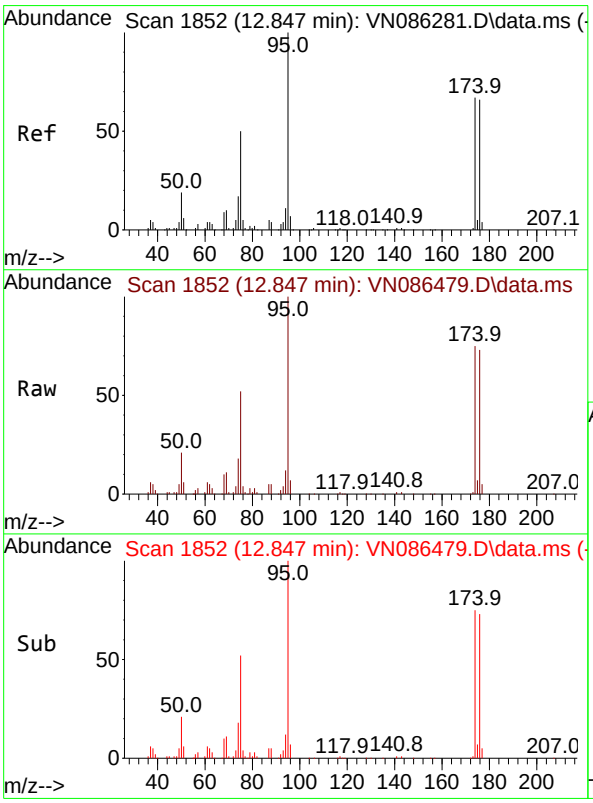
#50
Toluene-d8
Concen: 51.111 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086479.D
Acq: 05 May 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBL01

Tgt Ion: 98 Resp: 378837

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.5	78.7

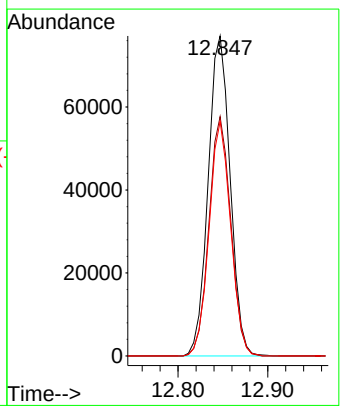


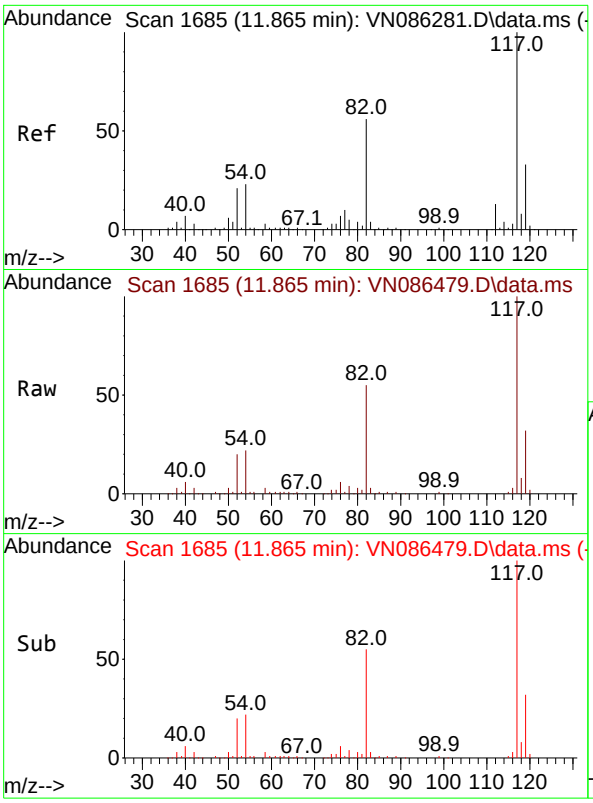


#62
4-Bromofluorobenzene
Concen: 48.562 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086479.D
Acq: 05 May 2025 12:13

Tgt Ion: 95 Resp: 131288

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	133.4
176	71.7	0.0	129.2



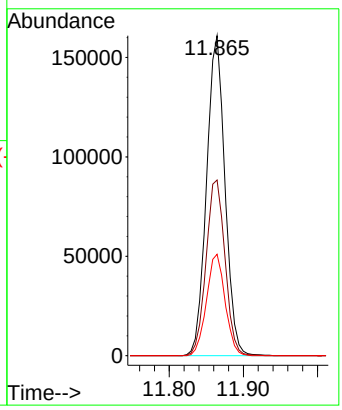


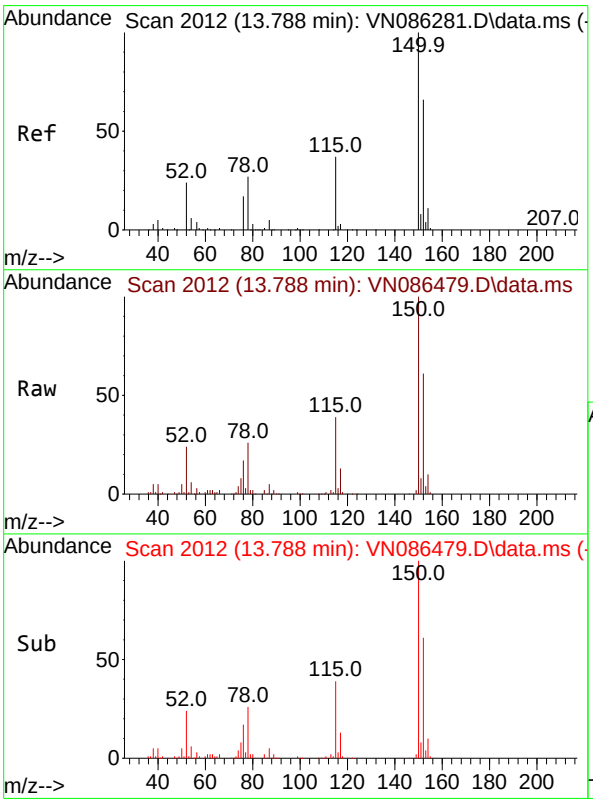
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086479.D
Acq: 05 May 2025 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBL01

Tgt Ion:117 Resp: 277824

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.7	67.1
119	31.7	26.4	39.6

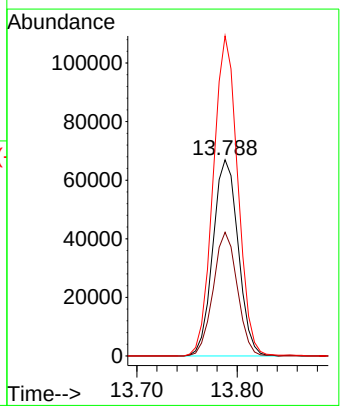




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086479.D
Acq: 05 May 2025 12:13

Tgt Ion:152 Resp: 117072

Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.9	95.9
150	159.0	0.0	352.0



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VN0506MBL01	SDG No.:	Q1914
Lab Sample ID:	VN0506MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086505.D	1		05/06/25 11:11	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	500	U	79.0	500	ug/Kg
108-88-3	Toluene	500	U	78.0	500	ug/Kg
100-41-4	Ethyl Benzene	500	U	67.0	500	ug/Kg
1330-20-7	Total Xylenes	1500	U	202	1500	ug/Kg
98-82-8	Isopropylbenzene	500	U	78.0	500	ug/Kg
103-65-1	n-propylbenzene	500	U	73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	500	U	82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	500	U	67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	500	U	64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	500	U	66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	500	U	62.0	500	ug/Kg
104-51-8	n-Butylbenzene	500	U	150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.9		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	60.6		70 - 134	121%	SPK: 50
2037-26-5	Toluene-d8	50.7		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		38 - 136	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	195000	8.224			
540-36-3	1,4-Difluorobenzene	361000	9.1			
3114-55-4	Chlorobenzene-d5	339000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	142000	13.788			

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_N\Data\VN050625\
Data File : VN086505.D
Acq On : 06 May 2025 11:11
Operator : JC\MD
Sample : VN0506MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBL01

Quant Time: May 07 02:53:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	194854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132474	46.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.760%			
35) Dibromofluoromethane	8.165	113	101375	60.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.120%			
50) Toluene-d8	10.565	98	453908	50.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.460%			
62) 4-Bromofluorobenzene	12.847	95	158981	48.717	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.440%			

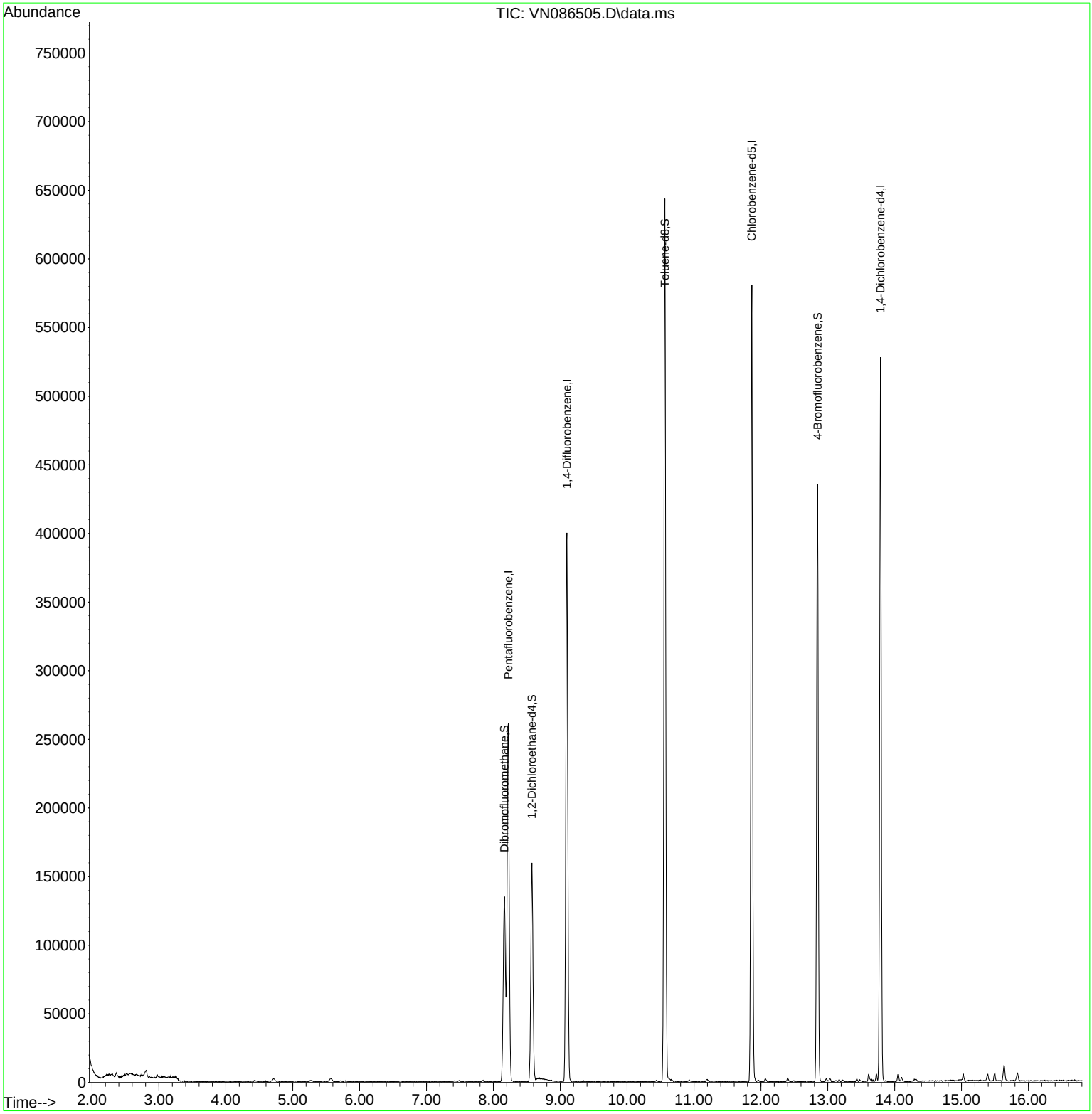
Target Compounds Qvalue

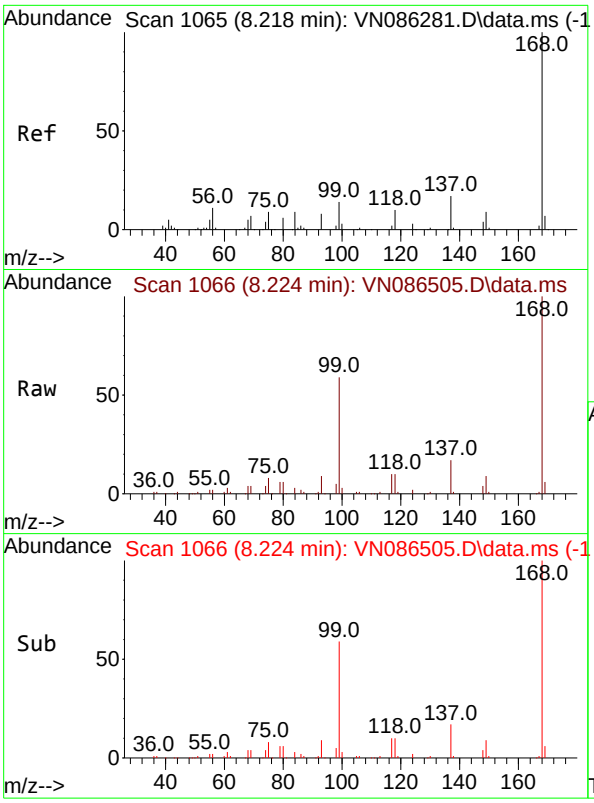
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086505.D
Acq On : 06 May 2025 11:11
Operator : JC\MD
Sample : VN0506MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBL01

Quant Time: May 07 02:53:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



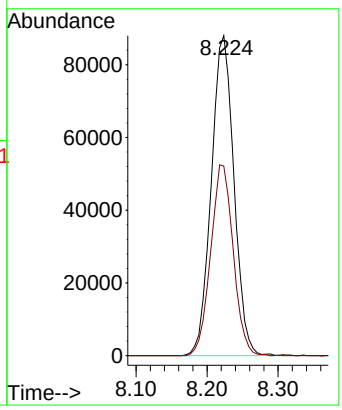


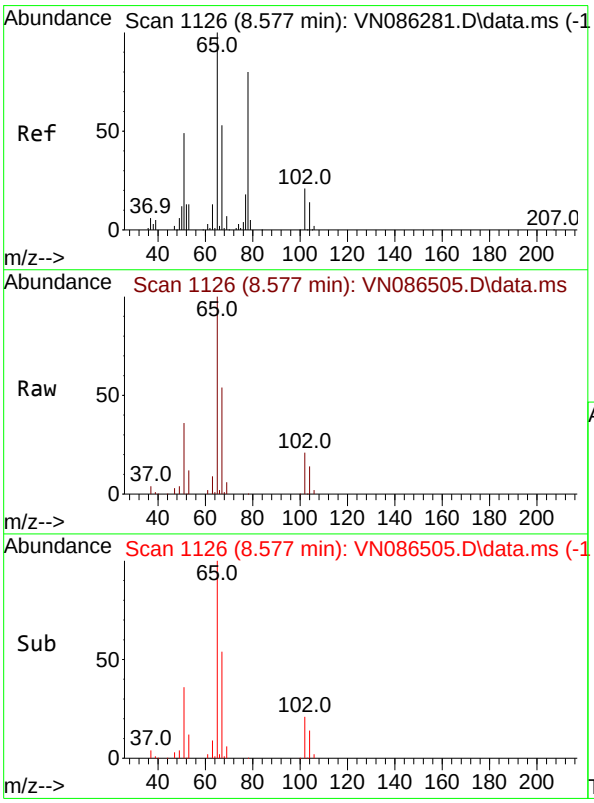
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086505.D
Acq: 06 May 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBL01

Tgt Ion:168 Resp: 194854

Ion	Ratio	Lower	Upper
168	100		
99	59.3	52.5	78.7

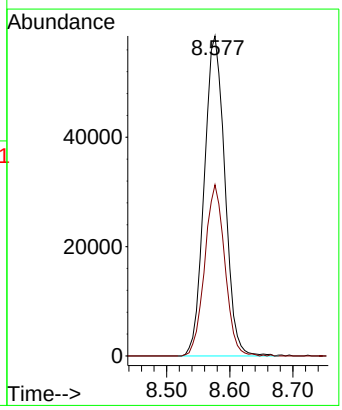


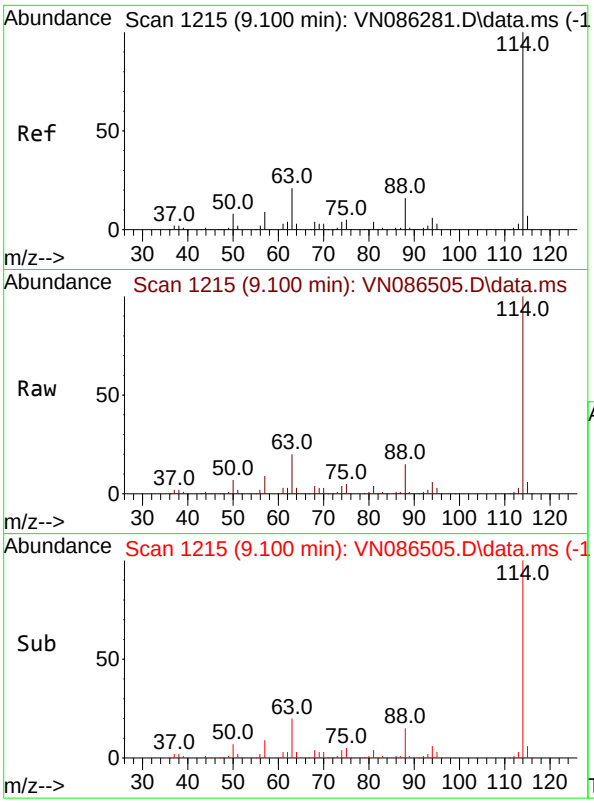


#33
1,2-Dichloroethane-d4
Concen: 46.884 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086505.D
Acq: 06 May 2025 11:11

Tgt Ion: 65 Resp: 132474

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.0



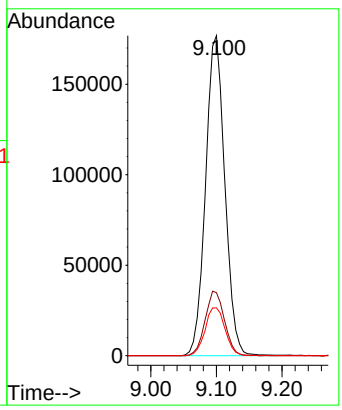


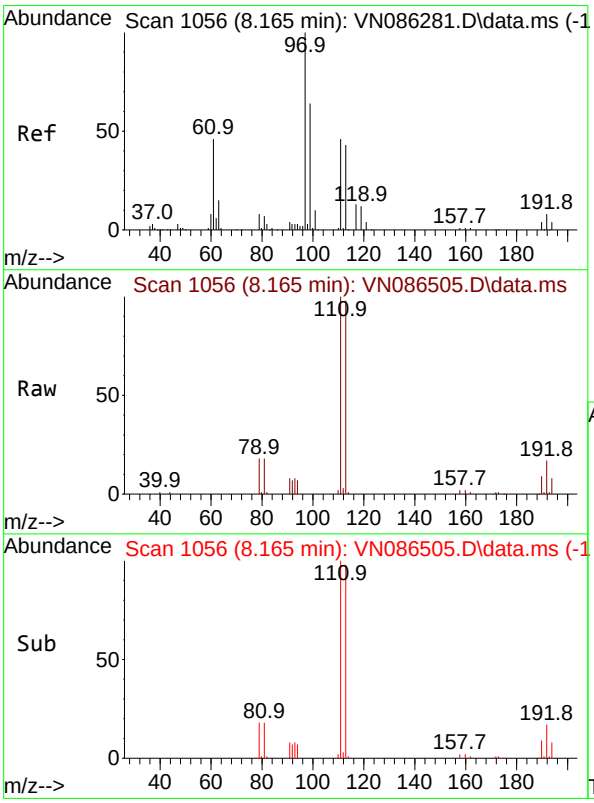
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086505.D
Acq: 06 May 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBL01

Tgt Ion:114 Resp: 360705

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.6
88	14.9	0.0	31.8

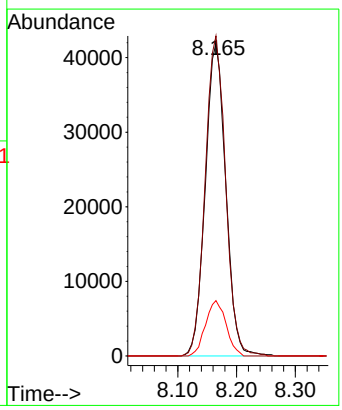


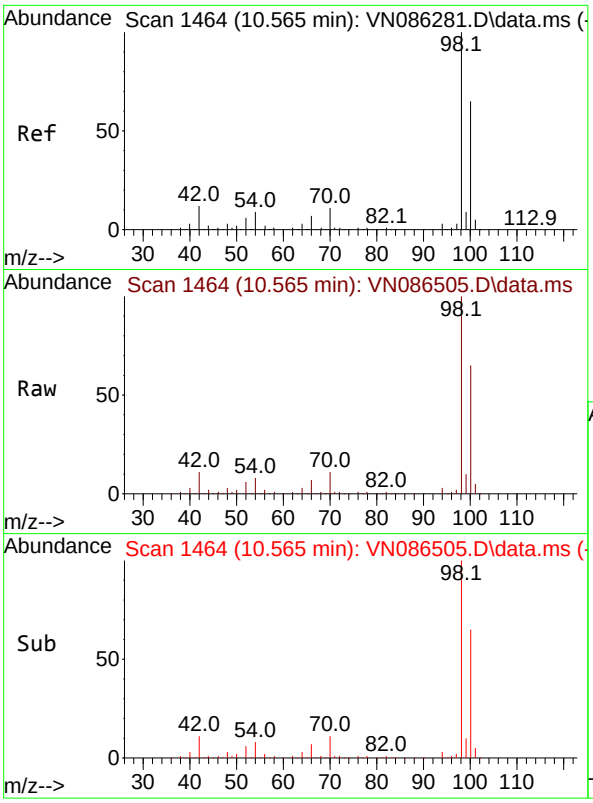


#35
Dibromofluoromethane
Concen: 60.556 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086505.D
Acq: 06 May 2025 11:11

Tgt Ion:113 Resp: 101375

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	17.8	13.7	20.5



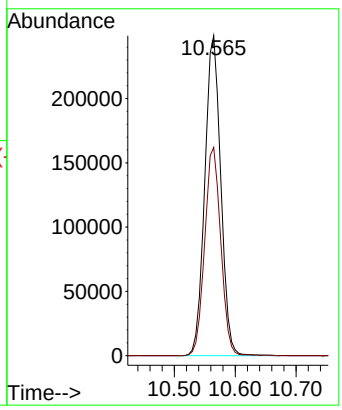


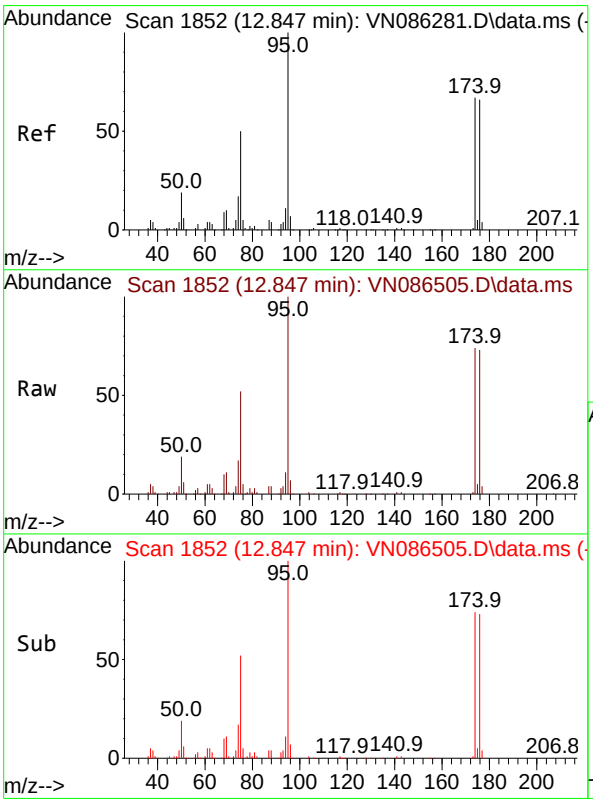
#50
Toluene-d8
Concen: 50.733 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086505.D
Acq: 06 May 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBL01

Tgt Ion: 98 Resp: 453908

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.5	78.7

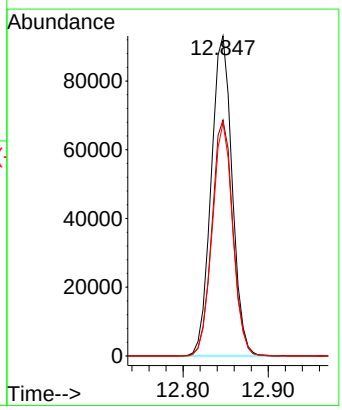


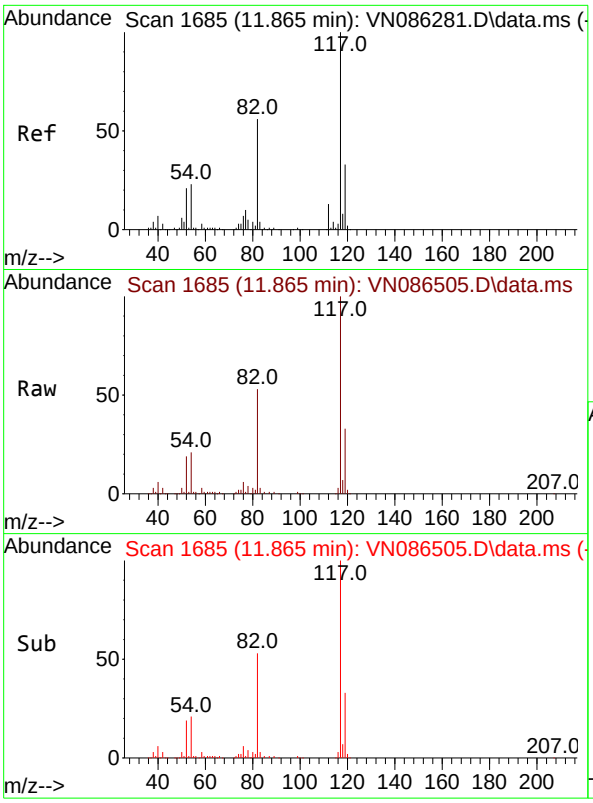


#62
4-Bromofluorobenzene
Concen: 48.717 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086505.D
Acq: 06 May 2025 11:11

Tgt Ion: 95 Resp: 158981

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	133.4
176	71.1	0.0	129.2



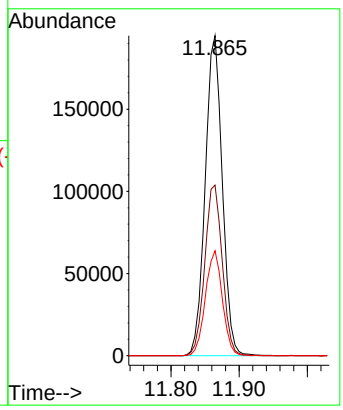


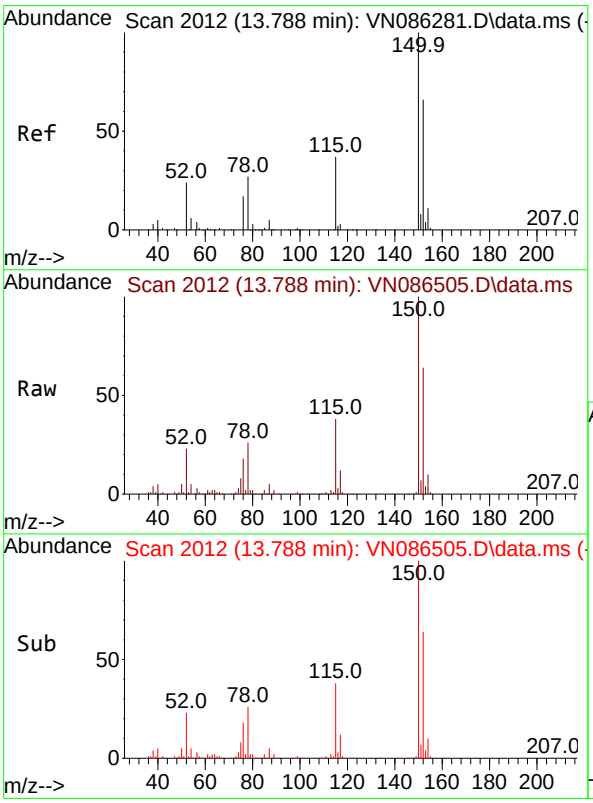
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086505.D
Acq: 06 May 2025 11:11

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBL01

Tgt Ion:117 Resp: 339328

Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.7	67.1
119	32.8	26.4	39.6

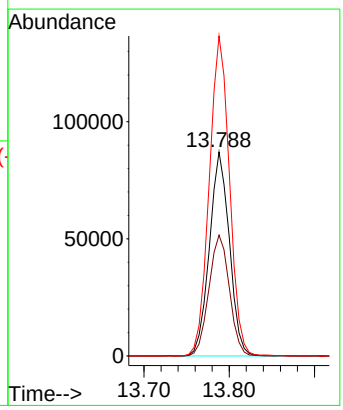




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086505.D
Acq: 06 May 2025 11:11

Tgt Ion:152 Resp: 141530

Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.9	95.9
150	159.0	0.0	352.0



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VX0430WBL01	SDG No.:	Q1914
Lab Sample ID:	VX0430WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045987.D	1		04/30/25 10:55	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	1.00	U	0.15	1.00	ug/L
108-88-3	Toluene	1.00	U	0.14	1.00	ug/L
100-41-4	Ethyl Benzene	1.00	U	0.13	1.00	ug/L
1330-20-7	Total Xylenes	3.00	U	0.36	3.00	ug/L
98-82-8	Isopropylbenzene	1.00	U	0.12	1.00	ug/L
103-65-1	n-propylbenzene	1.00	U	0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	1.00	U	0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	1.00	U	0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.00	U	0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	1.00	U	0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	1.00	U	0.13	1.00	ug/L
104-51-8	n-Butylbenzene	1.00	U	0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.3		74 - 125	113%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		75 - 124	105%	SPK: 50
2037-26-5	Toluene-d8	50.4		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62300	5.544			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	116000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	49800	12.018			

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\VX043025\
Data File : VX045987.D
Acq On : 30 Apr 2025 10:55
Operator : JC/MD
Sample : VX0430WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Quant Time: May 01 03:35:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	62274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64126	56.309	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	5.379	113	46693	52.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.100%			
50) Toluene-d8	8.647	98	156289	50.392	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	58679	51.942	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.880%			

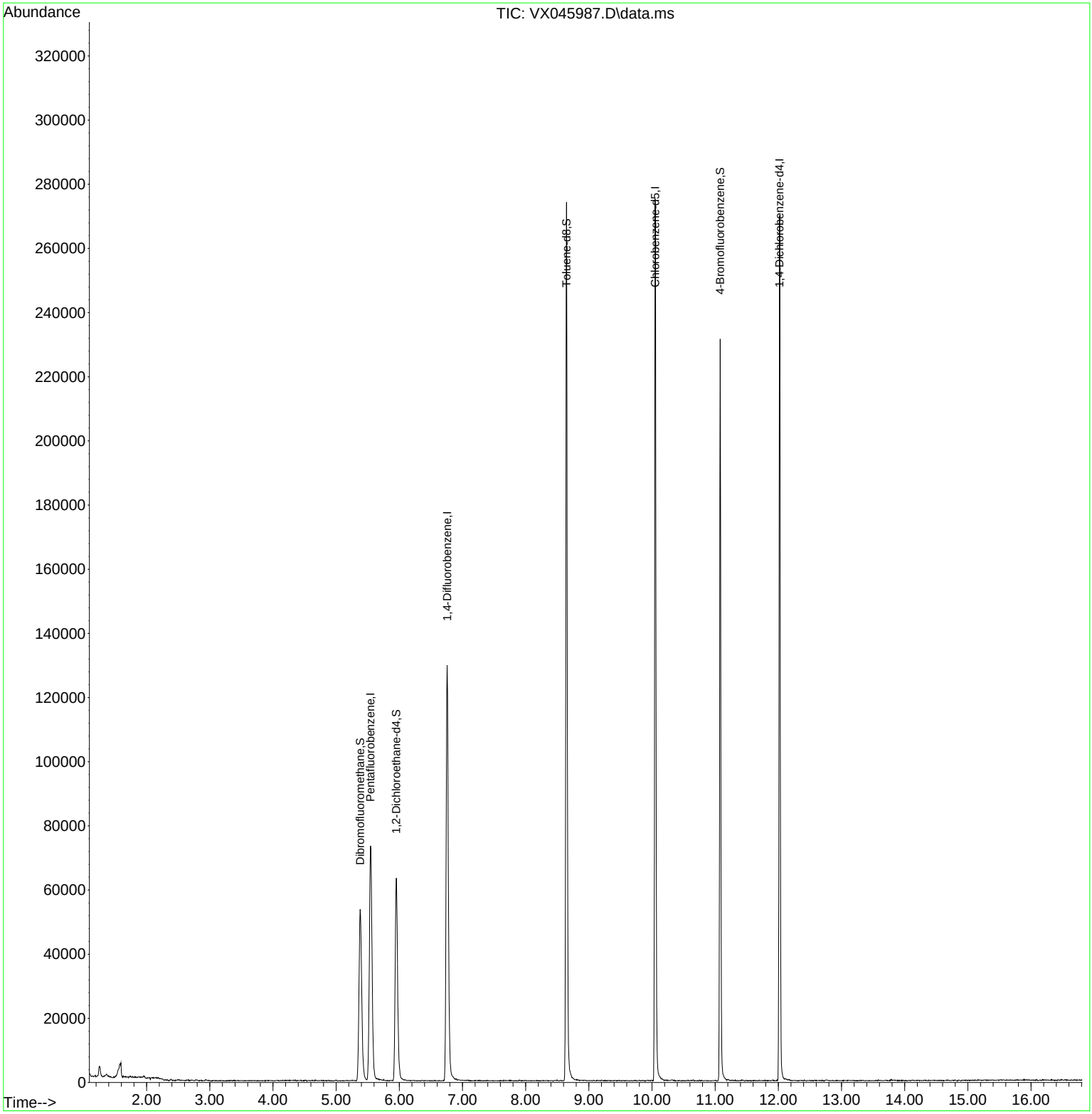
Target Compounds Qvalue

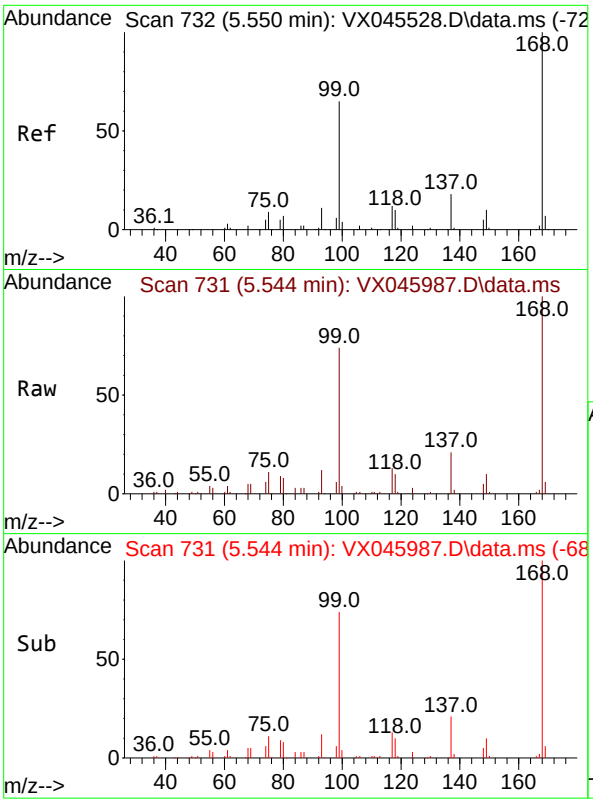
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045987.D
Acq On : 30 Apr 2025 10:55
Operator : JC/MD
Sample : VX0430WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Quant Time: May 01 03:35:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



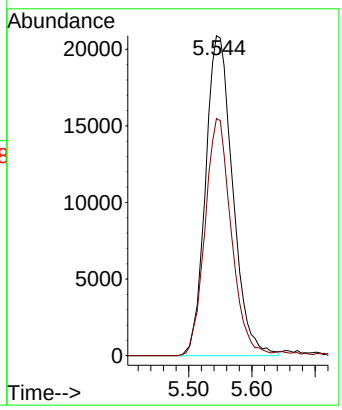


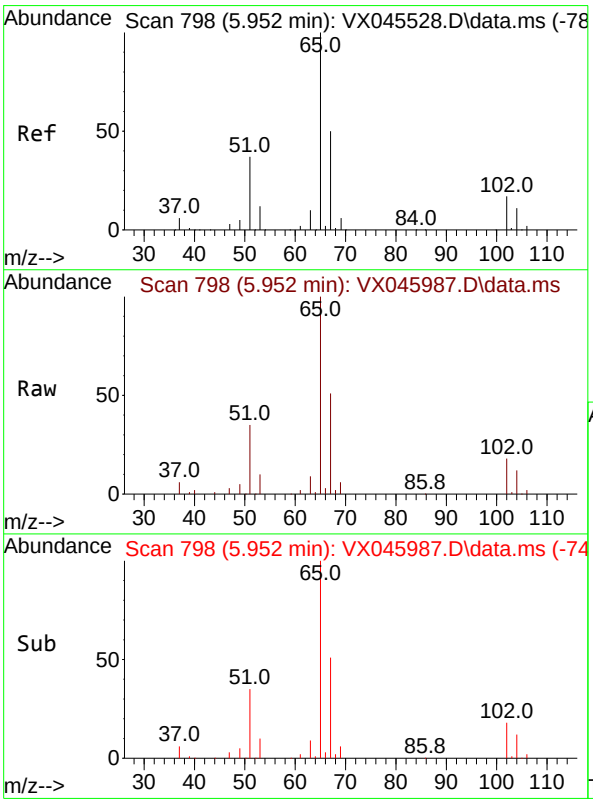
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion:168 Resp: 62274

Ion	Ratio	Lower	Upper
168	100		
99	74.1	52.3	78.5

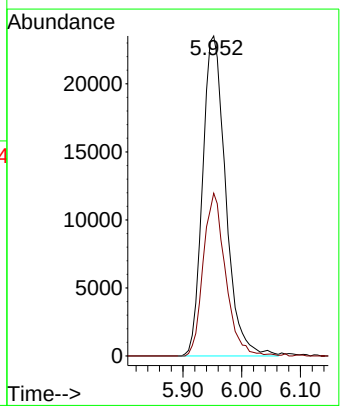


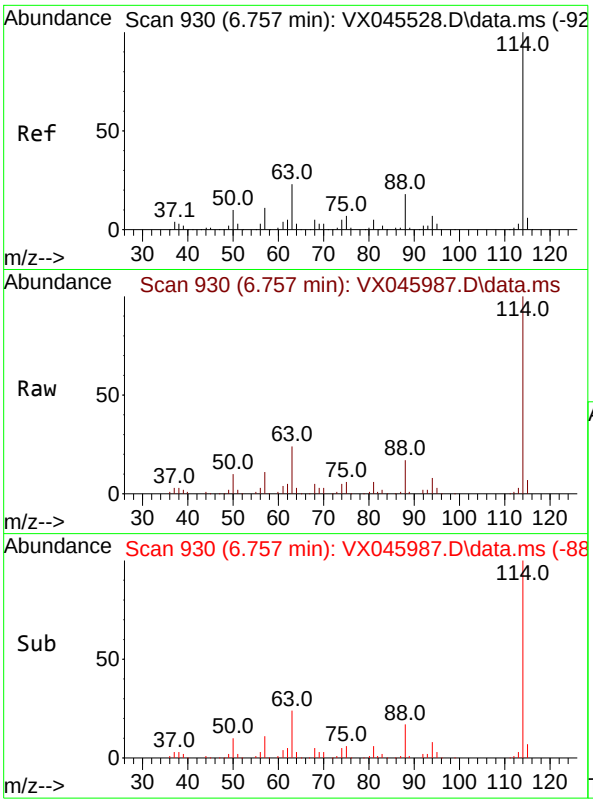


#33
1,2-Dichloroethane-d4
Concen: 56.309 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 65 Resp: 64126

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0



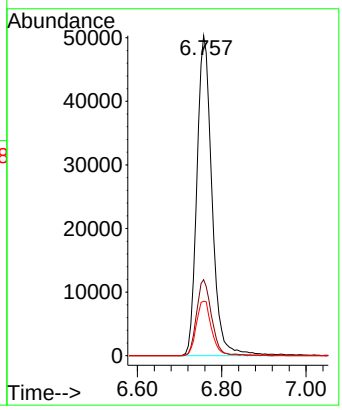


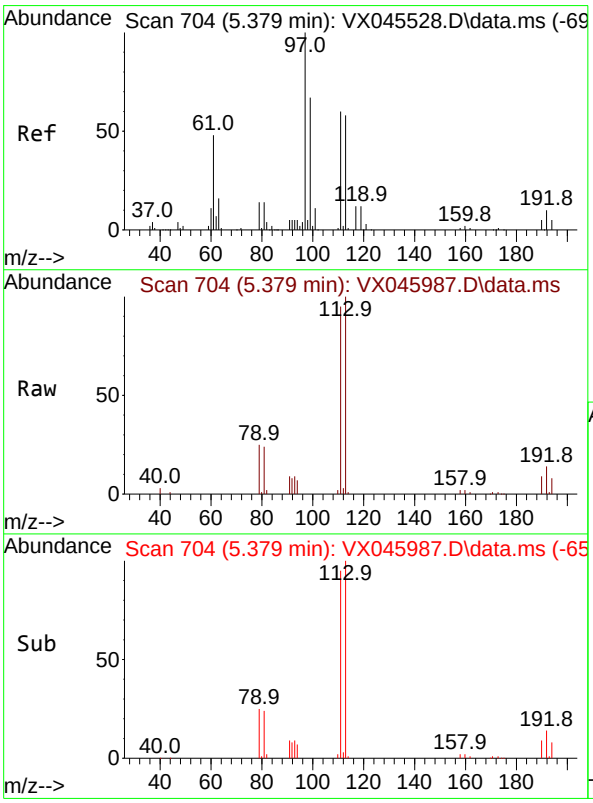
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion:114 Resp: 125239

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	46.8
88	17.0	0.0	35.4

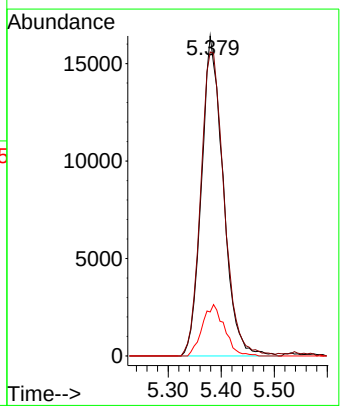


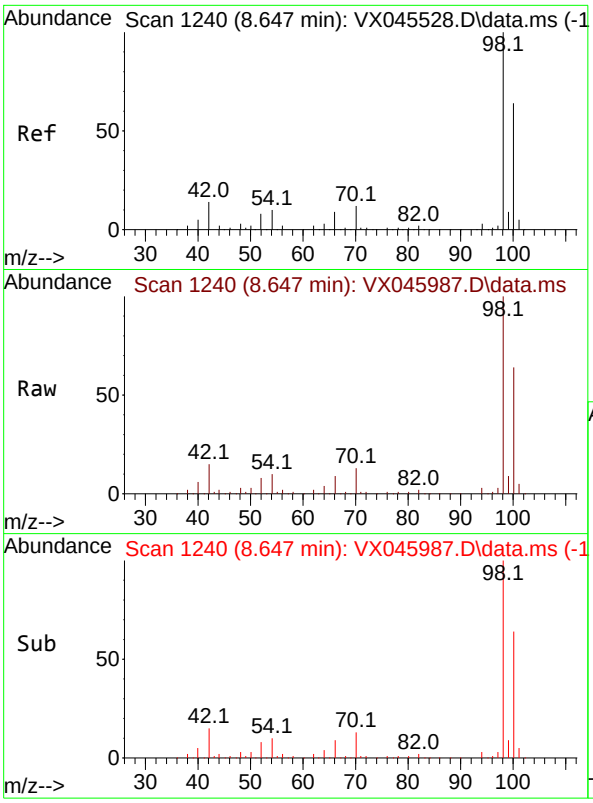


#35
Dibromofluoromethane
Concen: 52.548 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion:113 Resp: 46693

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	16.4	13.8	20.6



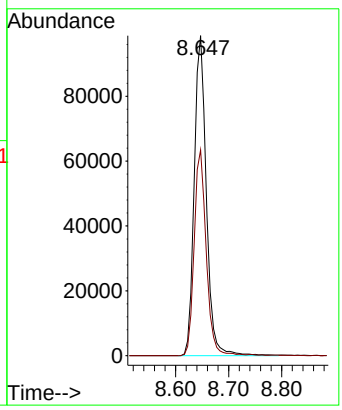


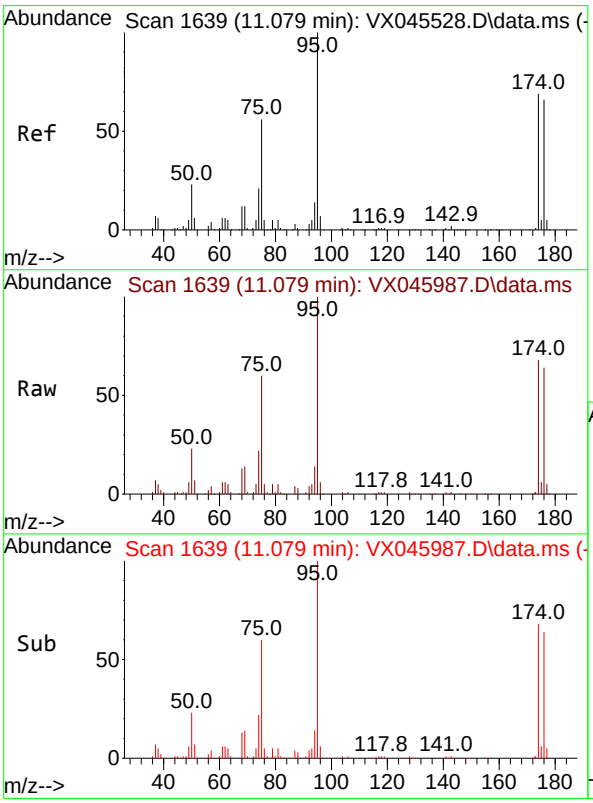
#50
Toluene-d8
Concen: 50.392 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion: 98 Resp: 156289

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.2	78.4

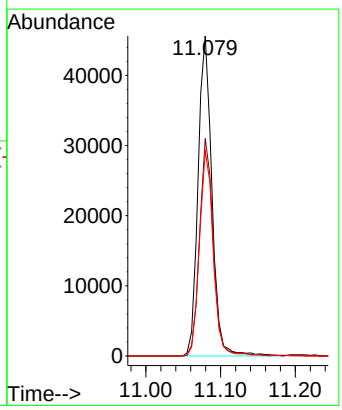


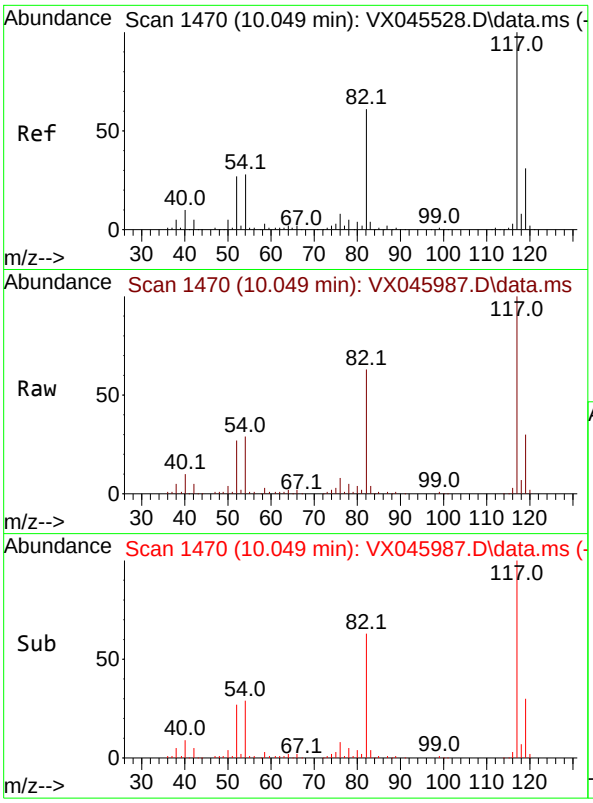


#62
4-Bromofluorobenzene
Concen: 51.942 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion: 95 Resp: 58679

Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	135.8
176	63.7	0.0	131.4



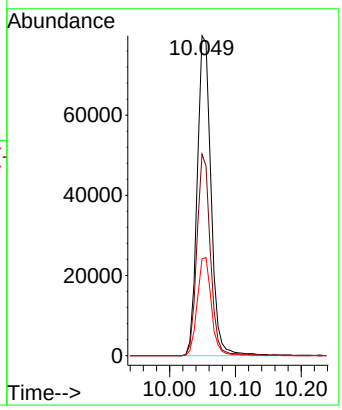


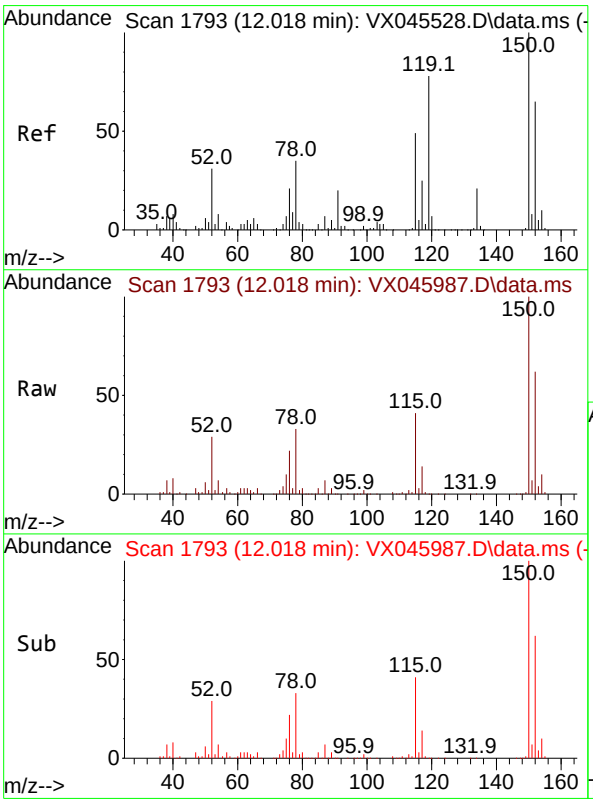
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBL01

Tgt Ion:117 Resp: 116463

Ion	Ratio	Lower	Upper
117	100		
82	63.0	49.2	73.8
119	30.3	25.1	37.7

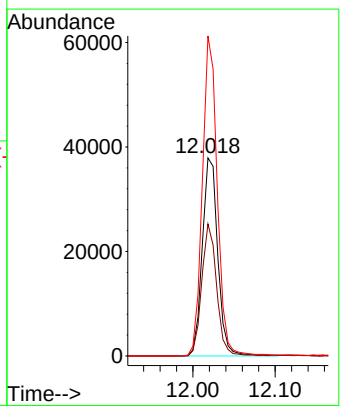




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045987.D
Acq: 30 Apr 2025 10:55

Tgt Ion:152 Resp: 49781

Ion	Ratio	Lower	Upper
152	100		
115	63.9	46.9	140.7
150	155.8	0.0	349.4



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VY0501SBL01	SDG No.:	Q1914
Lab Sample ID:	VY0501SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022096.D	1		05/01/25 10:11	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	5.00	U	0.79	5.00	ug/Kg
108-88-3	Toluene	5.00	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	5.00	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	15.0	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	5.00	U	0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	5.00	U	0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	5.00	U	0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	5.00	U	0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	5.00	U	0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	5.00	U	1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.2		63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	47.8		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		38 - 136	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	318000	7.707			
540-36-3	1,4-Difluorobenzene	586000	8.615			
3114-55-4	Chlorobenzene-d5	509000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	180000	13.346			

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_Y\Data\VY050125\
Data File : VY022096.D
Acq On : 01 May 2025 10:11
Operator : SY/MD
Sample : VY0501SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

Quant Time: May 01 12:53:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

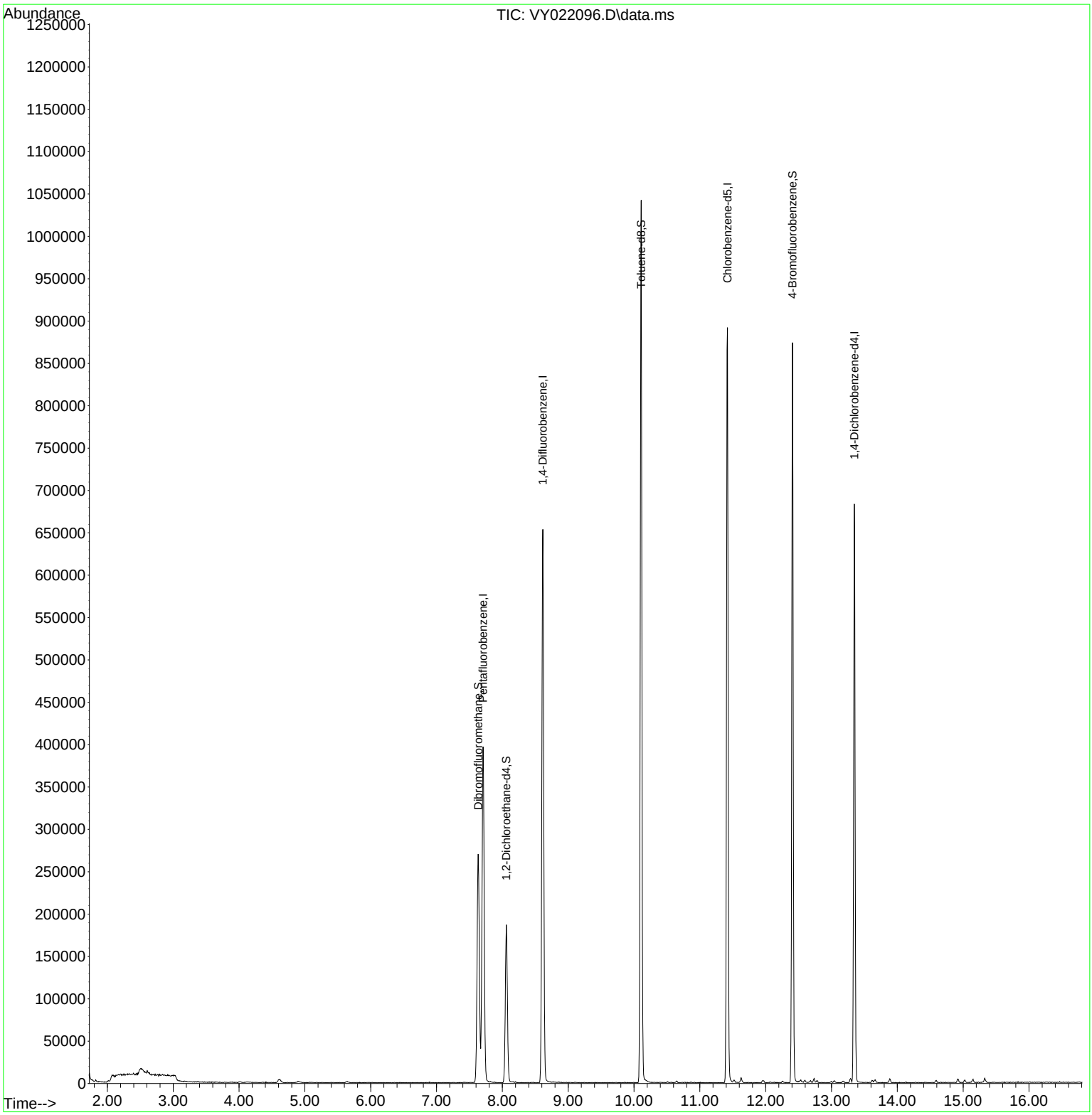
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	317996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	585580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	508953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	144517	49.201	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.400%			
35) Dibromofluoromethane	7.634	113	195715	50.590	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.180%			
50) Toluene-d8	10.109	98	696910	47.783	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.560%			
62) 4-Bromofluorobenzene	12.407	95	260745	53.107	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.220%			
Target Compounds						Qvalue

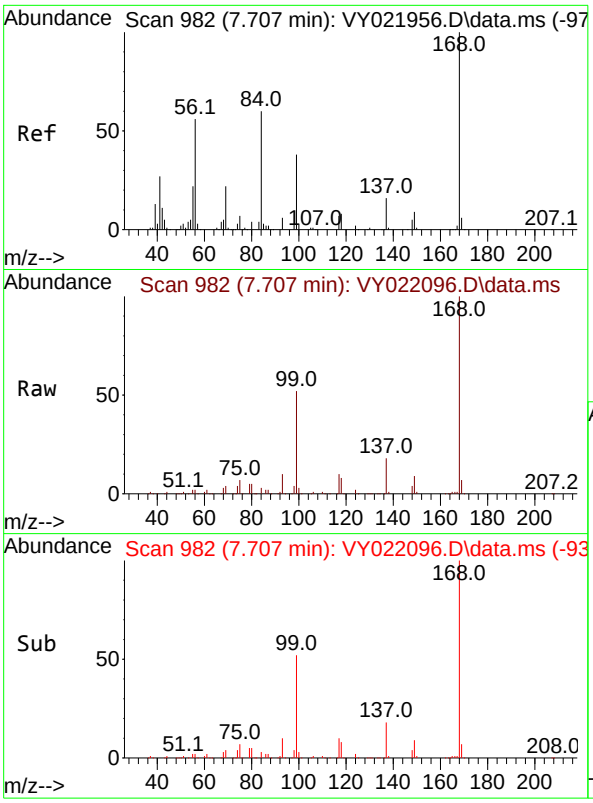
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022096.D
Acq On : 01 May 2025 10:11
Operator : SY/MD
Sample : VY0501SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

Quant Time: May 01 12:53:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



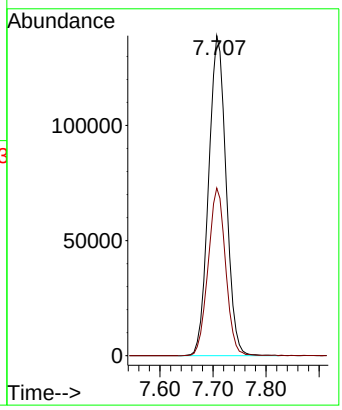


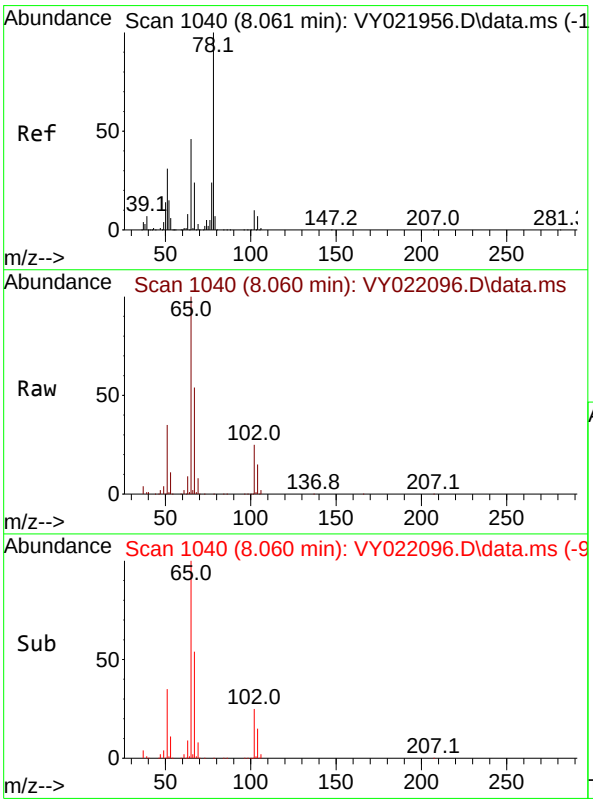
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

Tgt Ion:168 Resp: 317996

Ion	Ratio	Lower	Upper
168	100		
99	52.4	43.1	64.7

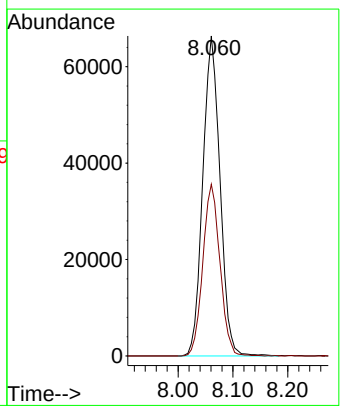


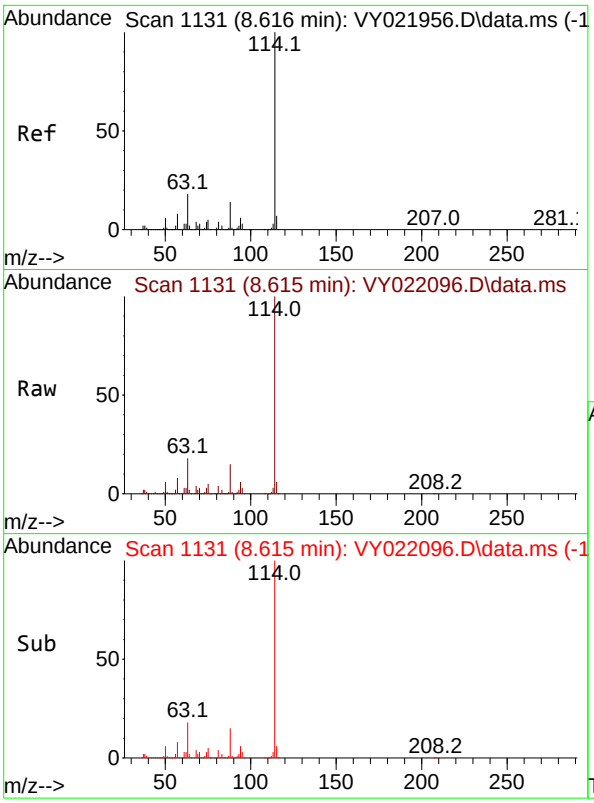


#33
1,2-Dichloroethane-d4
Concen: 49.201 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Tgt Ion: 65 Resp: 144517

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	105.8



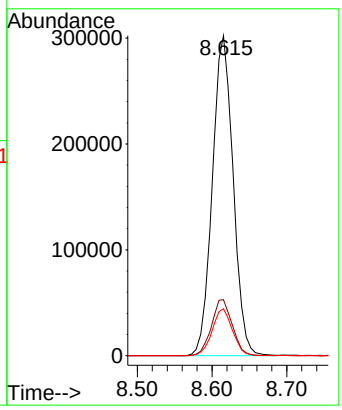


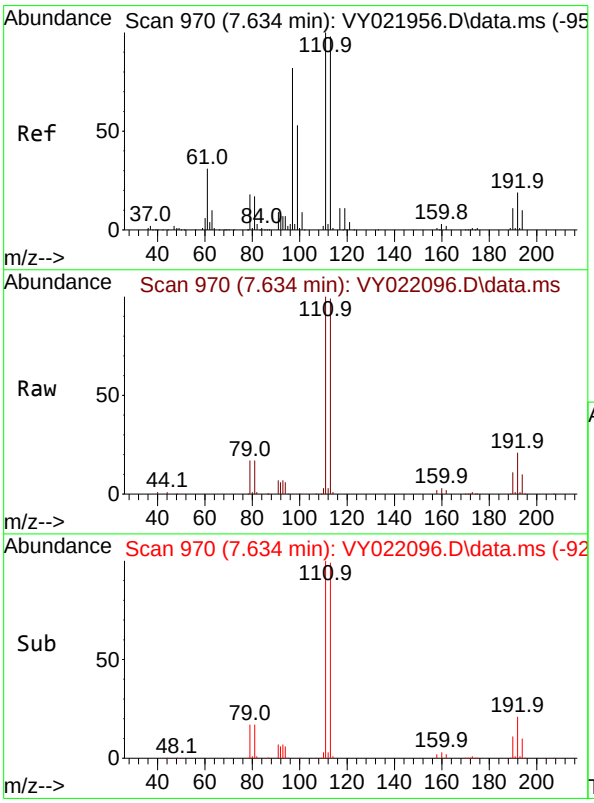
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

Tgt Ion:114 Resp: 585580

Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.4
88	14.7	0.0	28.2

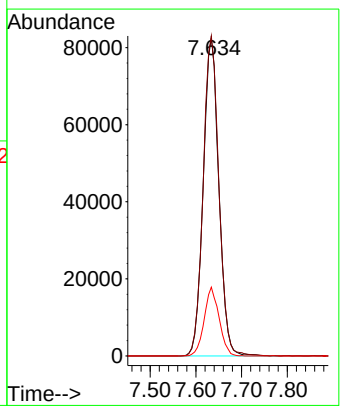


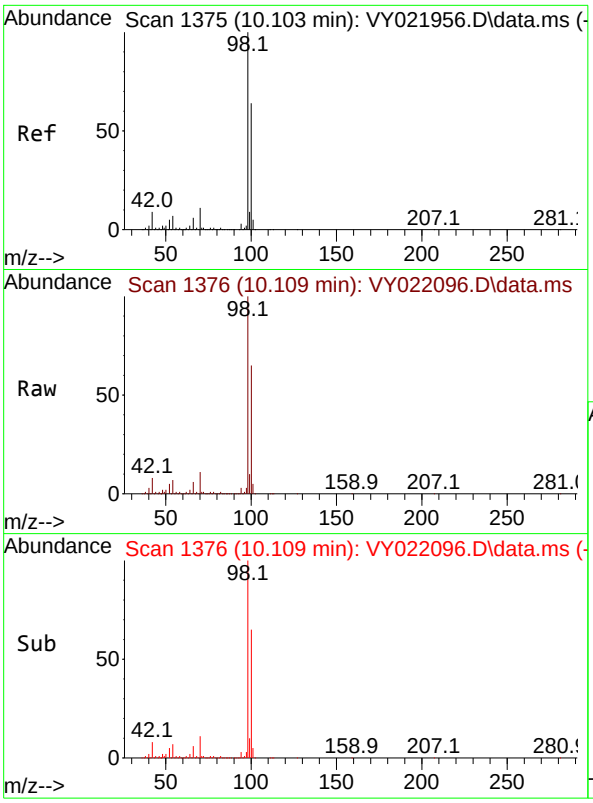


#35
Dibromofluoromethane
Concen: 50.590 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Tgt Ion:113 Resp: 195715

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	20.6	15.6	23.4



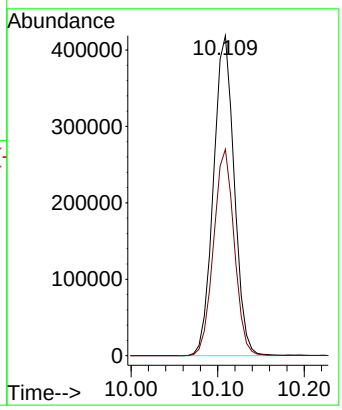


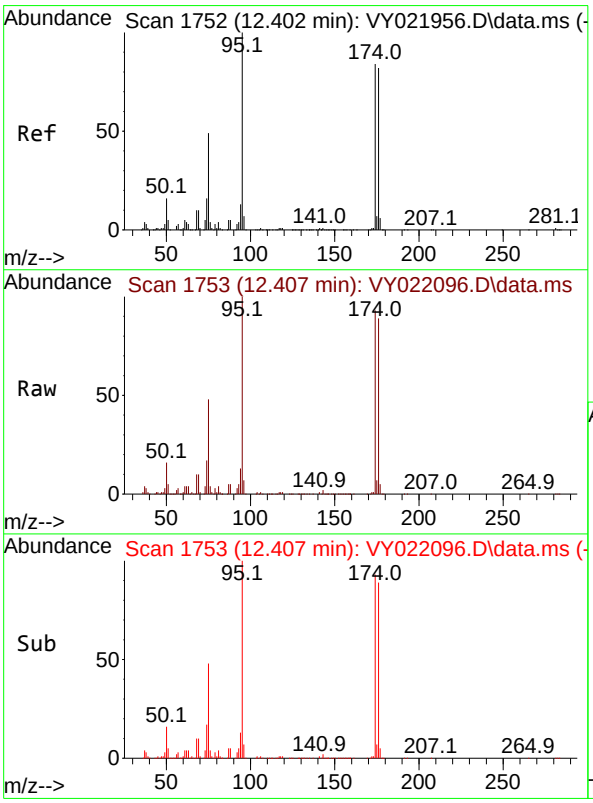
#50
Toluene-d8
Concen: 47.783 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

Tgt Ion: 98 Resp: 696910

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4

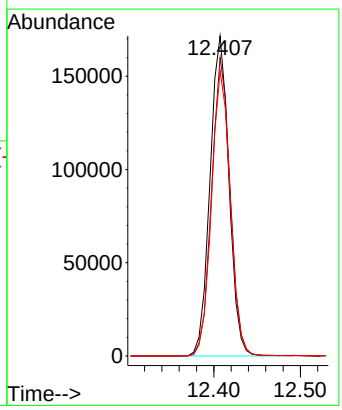


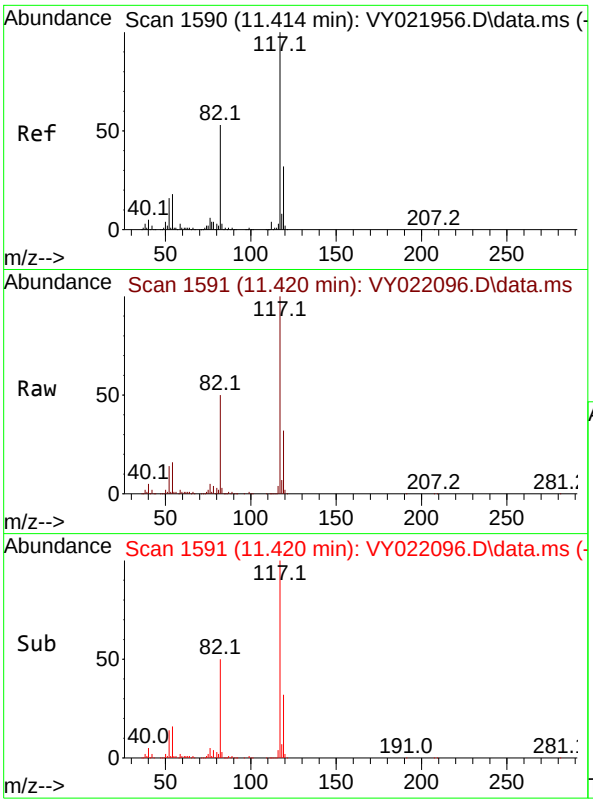


#62
4-Bromofluorobenzene
Concen: 53.107 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Tgt Ion: 95 Resp: 260745

Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	179.0
176	88.4	0.0	171.8



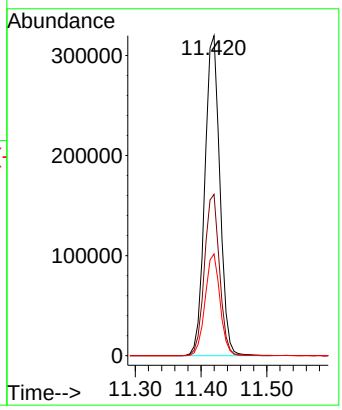


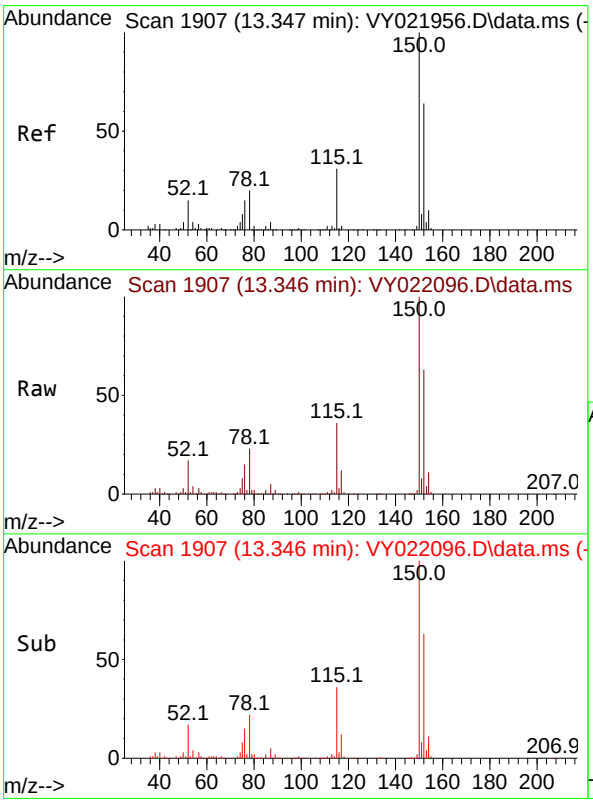
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBL01

Tgt Ion:117 Resp: 508953

Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.1	63.1
119	31.8	25.7	38.5

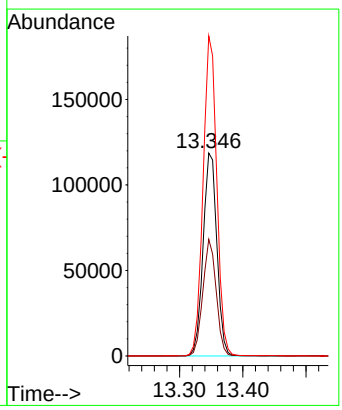




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022096.D
Acq: 01 May 2025 10:11

Tgt Ion:152 Resp: 180066

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.0	84.0
150	156.0	0.0	345.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VY0506SBL01	SDG No.:	Q1914
Lab Sample ID:	VY0506SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022171.D	1		05/06/25 09:45	VY050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	5.00	U	0.79	5.00	ug/Kg
108-88-3	Toluene	5.00	U	0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	5.00	U	0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	15.0	U	2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	5.00	U	0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	5.00	U	0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.00	U	0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	5.00	U	0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.00	U	0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	5.00	U	0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	5.00	U	0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	5.00	U	1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.3		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	48.2		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.8		38 - 136	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	251000	7.713			
540-36-3	1,4-Difluorobenzene	481000	8.616			
3114-55-4	Chlorobenzene-d5	416000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	147000	13.346			

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_Y\Data\VY050625\
Data File : VY022171.D
Acq On : 06 May 2025 09:45
Operator : SY/MD
Sample : VY0506SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Quant Time: May 07 04:31:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

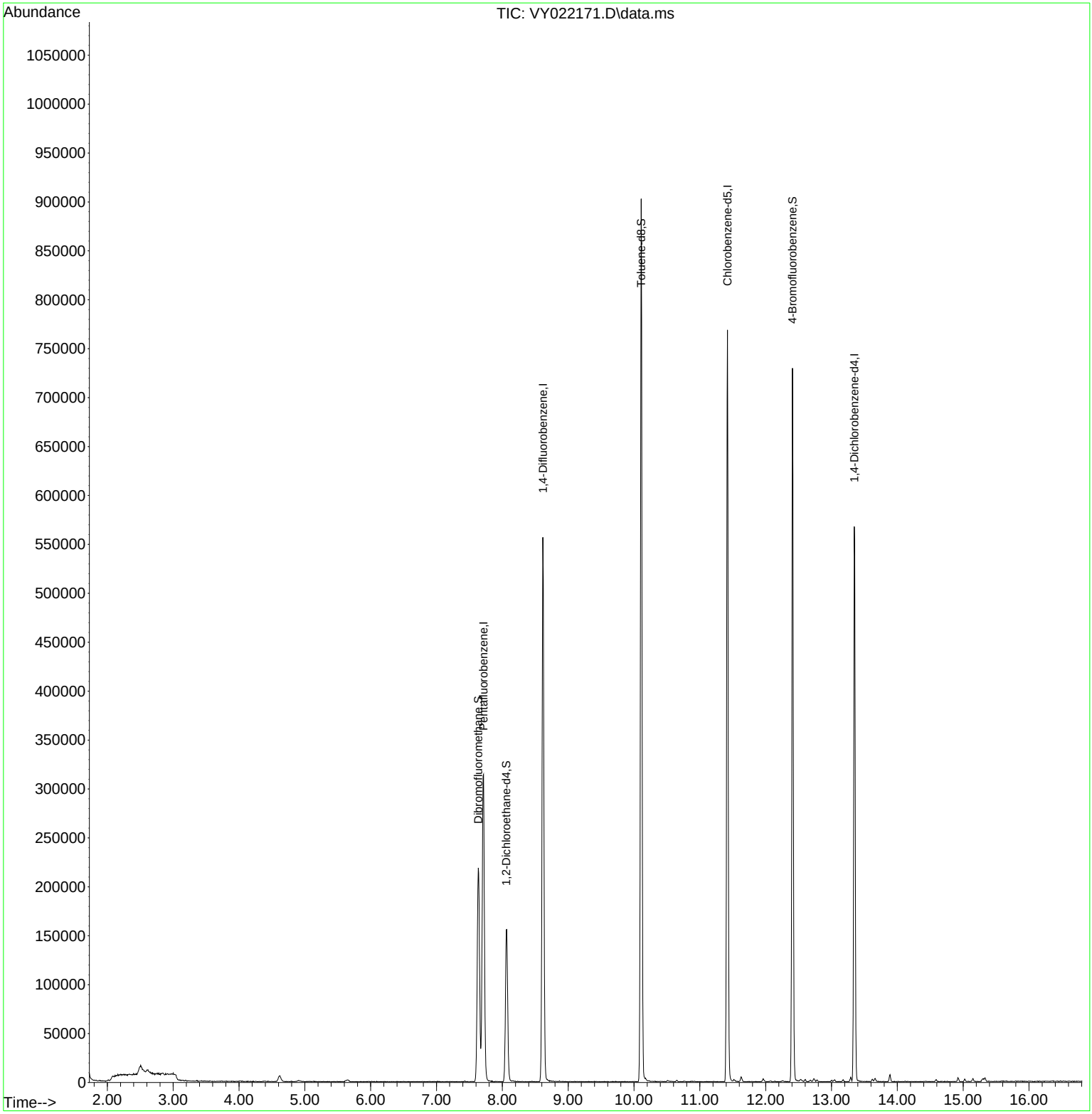
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	251073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	481164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	415589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	146510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128290	55.319	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.640%			
35) Dibromofluoromethane	7.634	113	161153	50.696	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.400%			
50) Toluene-d8	10.109	98	577687	48.204	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.400%			
62) 4-Bromofluorobenzene	12.408	95	217188	53.835	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.660%			
Target Compounds						Qvalue

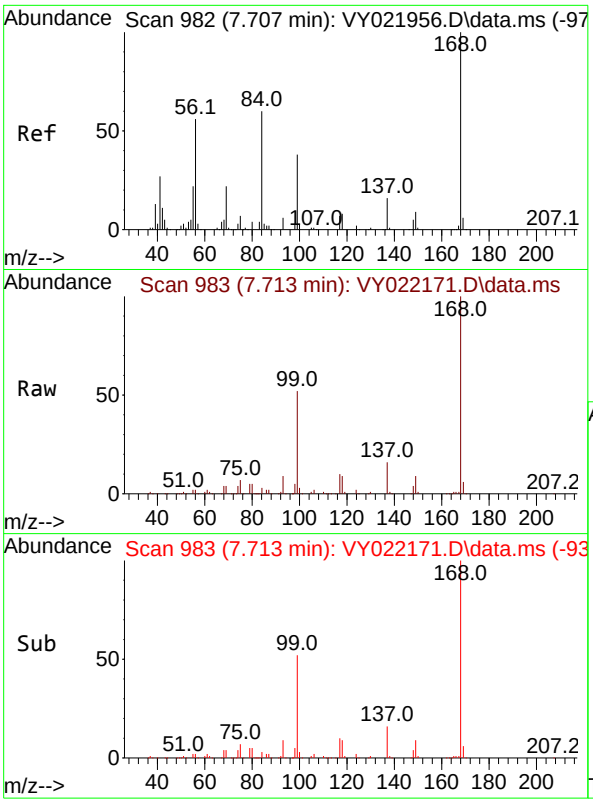
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022171.D
Acq On : 06 May 2025 09:45
Operator : SY/MD
Sample : VY0506SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Quant Time: May 07 04:31:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration



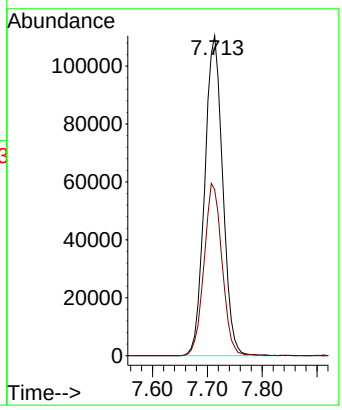


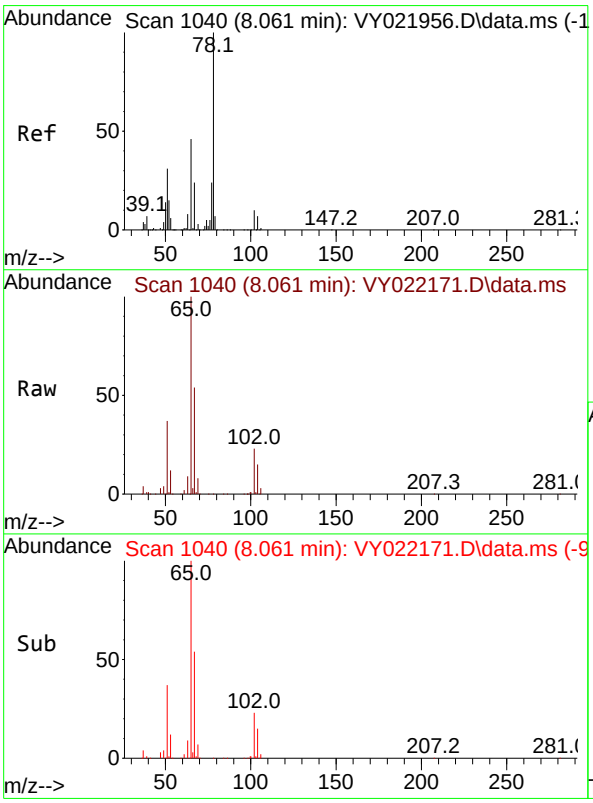
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Tgt Ion:168 Resp: 251073

Ion	Ratio	Lower	Upper
168	100		
99	51.9	43.1	64.7

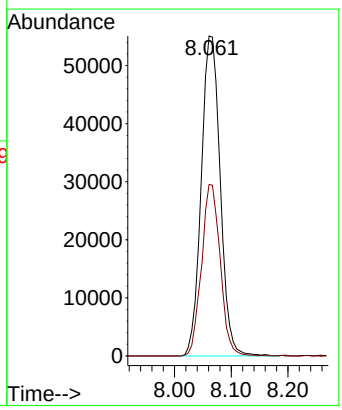


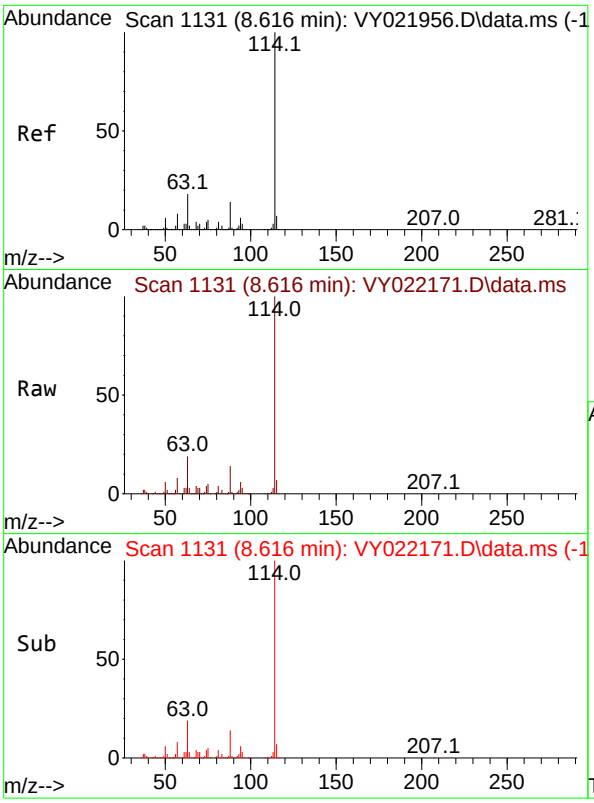


#33
1,2-Dichloroethane-d4
Concen: 55.319 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion: 65 Resp: 128290

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.8



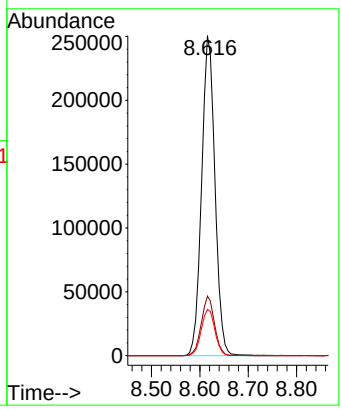


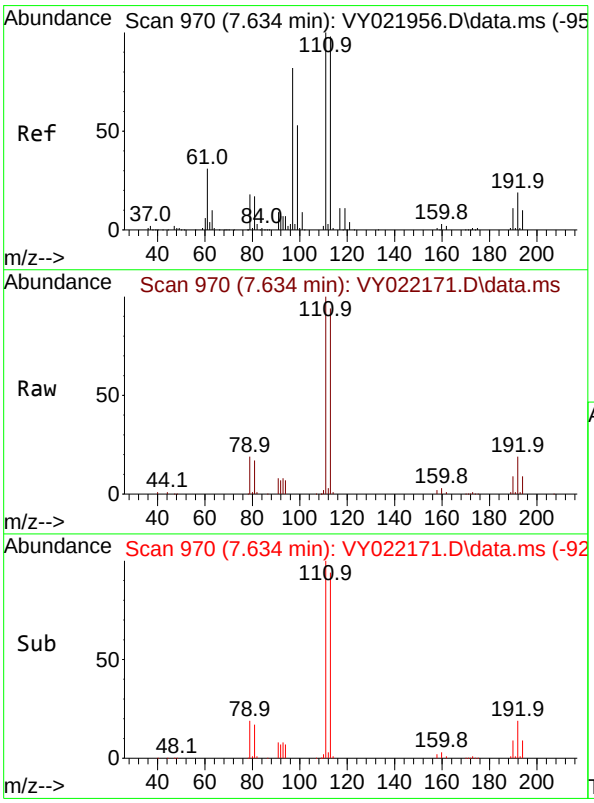
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Tgt Ion:114 Resp: 481164

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	35.4
88	14.5	0.0	28.2

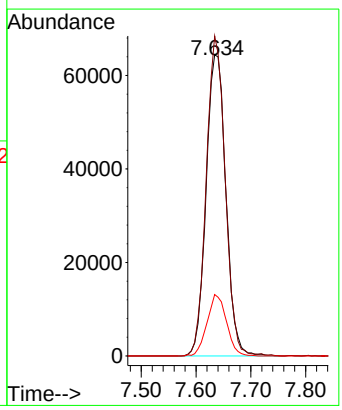


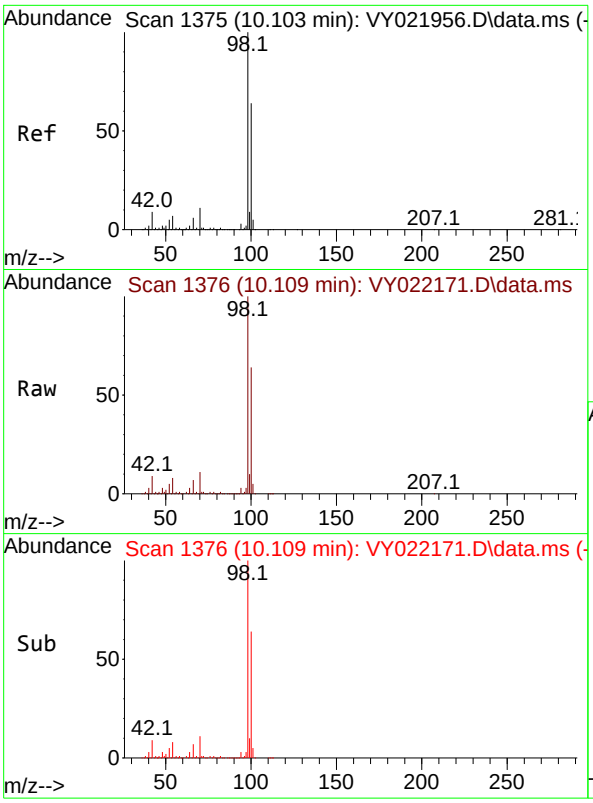


#35
Dibromofluoromethane
Concen: 50.696 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion:113 Resp: 161153

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	20.1	15.6	23.4



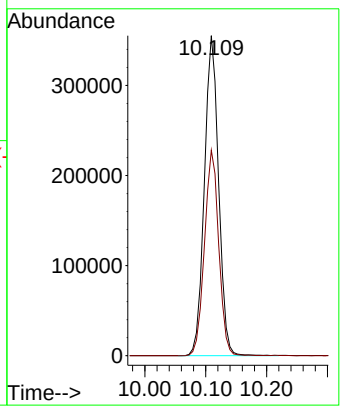


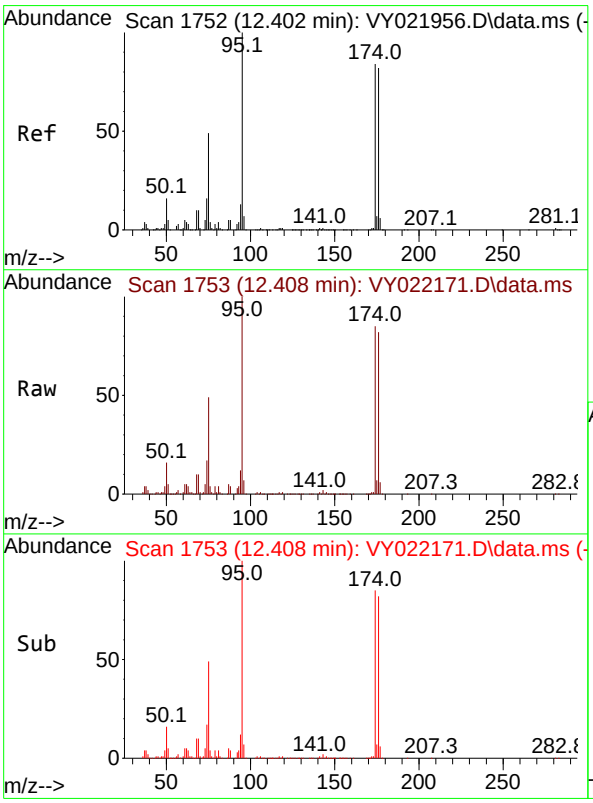
#50
Toluene-d8
Concen: 48.204 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Tgt Ion: 98 Resp: 577687

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

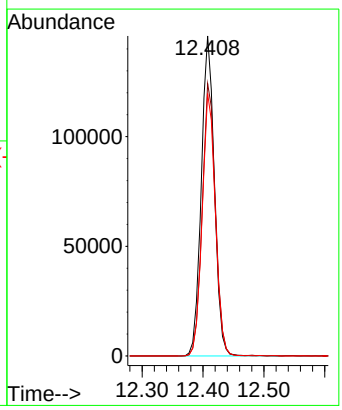


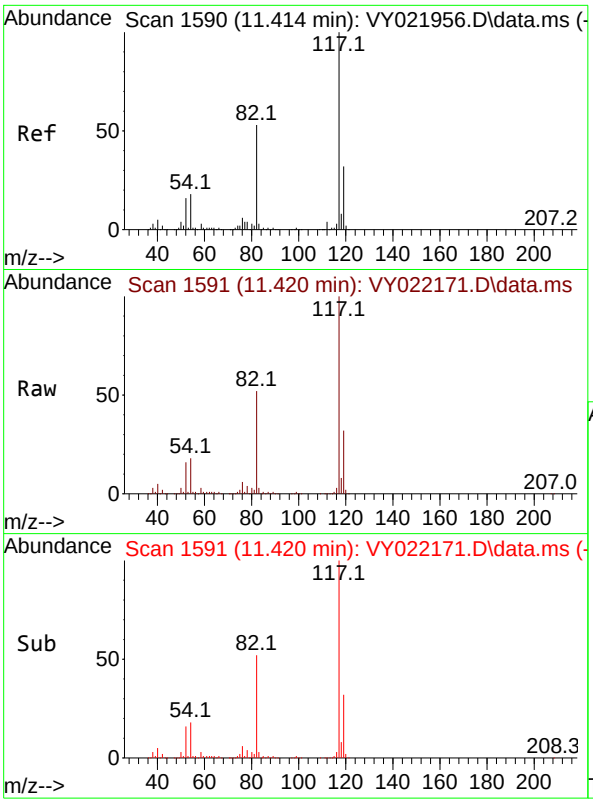


#62
4-Bromofluorobenzene
Concen: 53.835 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion: 95 Resp: 217188

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	179.0
176	82.9	0.0	171.8



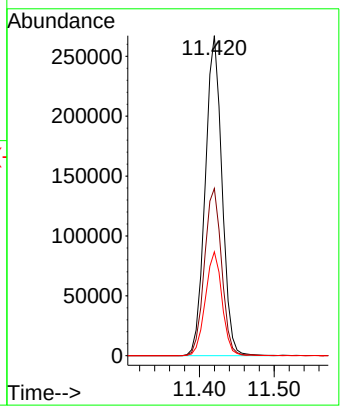


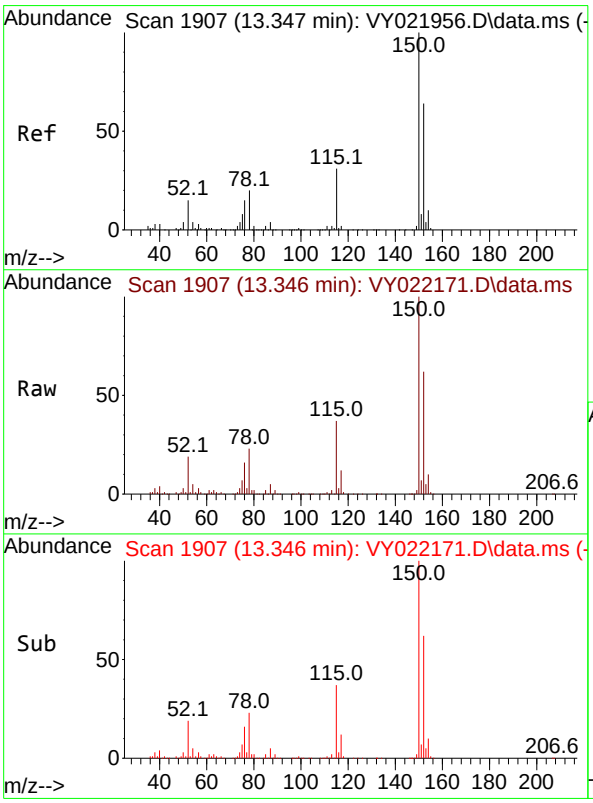
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBL01

Tgt Ion:117 Resp: 415589

Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.4	25.7	38.5

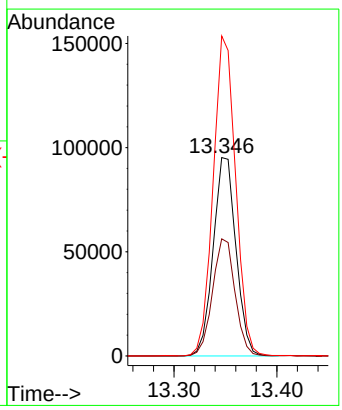




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022171.D
Acq: 06 May 2025 09:45

Tgt Ion:152 Resp: 146510

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.0	84.0
150	158.9	0.0	345.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VN0505MBS01	SDG No.:	Q1914
Lab Sample ID:	VN0505MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086491.D	1		05/05/25 17:13	VN050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	2000		79.0	500	ug/Kg
108-88-3	Toluene	2000		78.0	500	ug/Kg
100-41-4	Ethyl Benzene	2100		67.0	500	ug/Kg
1330-20-7	Total Xylenes	6100		202	1500	ug/Kg
98-82-8	Isopropylbenzene	1900		78.0	500	ug/Kg
103-65-1	n-propylbenzene	1900		73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	2000		82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	2000		67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2000		64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	2000		66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	2000		62.0	500	ug/Kg
104-51-8	n-Butylbenzene	1900		150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.4		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	57.3		70 - 134	115%	SPK: 50
2037-26-5	Toluene-d8	50.8		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		38 - 136	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	174000	8.224			
540-36-3	1,4-Difluorobenzene	324000	9.1			
3114-55-4	Chlorobenzene-d5	294000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.788			

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_N\Data\VN050525\
Data File : VN086491.D
Acq On : 05 May 2025 17:13
Operator : JC\MD
Sample : VN0505MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 06 01:46:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	174392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	323563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130104	51.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	8.165	113	86050	57.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.600%			
50) Toluene-d8	10.565	98	407923	50.826	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.660%			
62) 4-Bromofluorobenzene	12.847	95	150202	51.310	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	44543	21.547	ug/l	96
3) Chloromethane	2.359	50	59896	19.935	ug/l	100
4) Vinyl Chloride	2.512	62	57590	20.086	ug/l	100
5) Bromomethane	2.959	94	31279	24.254	ug/l	100
6) Chloroethane	3.118	64	37234	19.404	ug/l	97
7) Trichlorofluoromethane	3.495	101	66522	20.946	ug/l	99
8) Diethyl Ether	3.959	74	26911	19.410	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	39674	20.650	ug/l	98
10) Methyl Iodide	4.589	142	49175	23.281	ug/l	98
11) Tert butyl alcohol	5.518	59	43369	93.993	ug/l	100
12) 1,1-Dichloroethene	4.342	96	39810	19.395	ug/l	98
13) Acrolein	4.183	56	22436	94.919	ug/l	98
14) Allyl chloride	5.030	41	65646	17.991	ug/l	97
15) Acrylonitrile	5.718	53	107773	94.486	ug/l	99
16) Acetone	4.424	43	90063	99.575	ug/l	98
17) Carbon Disulfide	4.712	76	105148	17.109	ug/l	97
18) Methyl Acetate	5.024	43	52056	17.149	ug/l	96
19) Methyl tert-butyl Ether	5.795	73	146305	19.391	ug/l	95
20) Methylene Chloride	5.277	84	47392	20.272	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	42054	19.597	ug/l	93
22) Diisopropyl ether	6.671	45	141369	17.810	ug/l	97
23) Vinyl Acetate	6.600	43	515118	92.835	ug/l	97
24) 1,1-Dichloroethane	6.565	63	80332	19.181	ug/l	97
25) 2-Butanone	7.477	43	141686	90.012	ug/l	96
26) 2,2-Dichloropropane	7.489	77	66100	17.627	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	53341	20.027	ug/l	94
28) Bromochloromethane	7.812	49	33538	18.886	ug/l	89
29) Tetrahydrofuran	7.841	42	93763	89.078	ug/l	95
30) Chloroform	7.965	83	82657	20.091	ug/l	96
31) Cyclohexane	8.253	56	73846	18.019	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	70453	20.018	ug/l	98
36) 1,1-Dichloropropene	8.365	75	58349	19.454	ug/l	99
37) Ethyl Acetate	7.553	43	58336	18.474	ug/l	100
38) Carbon Tetrachloride	8.359	117	58441	20.460	ug/l	98
39) Methylcyclohexane	9.594	83	66279	18.591	ug/l	96
40) Benzene	8.600	78	189893	19.760	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086491.D
Acq On : 05 May 2025 17:13
Operator : JC\MD
Sample : VN0505MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 06 01:46:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	30742	16.798	ug/l		91
42) 1,2-Dichloroethane	8.665	62	62197	20.296	ug/l		99
43) Isopropyl Acetate	8.683	43	111105	18.158	ug/l		99
44) Trichloroethene	9.347	130	47059	20.660	ug/l		91
45) 1,2-Dichloropropane	9.618	63	44946	19.107	ug/l		96
46) Dibromomethane	9.706	93	31240	20.843	ug/l		95
47) Bromodichloromethane	9.883	83	66389	20.509	ug/l		96
48) Methyl methacrylate	9.677	41	49116	17.712	ug/l		95
49) 1,4-Dioxane	9.694	88	18848	399.585	ug/l		95
51) 4-Methyl-2-Pentanone	10.441	43	305173	94.377	ug/l		99
52) Toluene	10.630	92	121786	20.310	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	68916	19.072	ug/l		99
54) cis-1,3-Dichloropropene	10.312	75	74892	18.870	ug/l		98
55) 1,1,2-Trichloroethane	11.012	97	44752	20.743	ug/l		99
56) Ethyl methacrylate	10.871	69	73957	18.649	ug/l		97
57) 1,3-Dichloropropane	11.159	76	77843	20.336	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	156596	83.197	ug/l		97
59) 2-Hexanone	11.194	43	228224	95.155	ug/l		100
60) Dibromochloromethane	11.353	129	49609	20.940	ug/l		99
61) 1,2-Dibromoethane	11.465	107	45714	21.000	ug/l		100
64) Tetrachloroethene	11.100	164	48146	21.289	ug/l		94
65) Chlorobenzene	11.888	112	134455	20.492	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.959	131	44341	20.485	ug/l		100
67) Ethyl Benzene	11.959	91	243976	20.606	ug/l		99
68) m/p-Xylenes	12.065	106	182606	41.161	ug/l		97
69) o-Xylene	12.394	106	89754	20.458	ug/l		97
70) Styrene	12.406	104	146108	19.987	ug/l		99
71) Bromoform	12.576	173	32058	19.671	ug/l	#	99
73) Isopropylbenzene	12.694	105	218515	19.432	ug/l		98
74) N-amyl acetate	12.488	43	94007	16.792	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	63276	19.570	ug/l		100
76) 1,2,3-Trichloropropane	12.988	75	61399m	18.926	ug/l		
77) Bromobenzene	12.976	156	53295	21.389	ug/l		91
78) n-propylbenzene	13.029	91	256242	19.337	ug/l		100
79) 2-Chlorotoluene	13.124	91	160710	19.382	ug/l		98
80) 1,3,5-Trimethylbenzene	13.171	105	181334	19.702	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	23223	17.192	ug/l		96
82) 4-Chlorotoluene	13.218	91	158679	19.265	ug/l		97
83) tert-Butylbenzene	13.435	119	157263	19.719	ug/l		97
84) 1,2,4-Trimethylbenzene	13.476	105	184046	19.645	ug/l		100
85) sec-Butylbenzene	13.612	105	216273	19.551	ug/l		100
86) p-Isopropyltoluene	13.723	119	178716	19.601	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	95175	20.319	ug/l		97
88) 1,4-Dichlorobenzene	13.806	146	95409	20.223	ug/l		100
89) n-Butylbenzene	14.053	91	152279	18.842	ug/l		99
90) Hexachloroethane	14.329	117	28745	18.743	ug/l		96
91) 1,2-Dichlorobenzene	14.100	146	92093	20.279	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11468	17.590	ug/l		90
93) 1,2,4-Trichlorobenzene	15.388	180	41192	18.943	ug/l		99
94) Hexachlorobutadiene	15.500	225	15115	18.414	ug/l		98
95) Naphthalene	15.635	128	388428	50.390	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	39310	19.094	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086491.D
Acq On : 05 May 2025 17:13
Operator : JC\MD
Sample : VN0505MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 06 01:46:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086491.D
Acq On : 05 May 2025 17:13
Operator : JC\MD
Sample : VN0505MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 06 01:46:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations APPROVED

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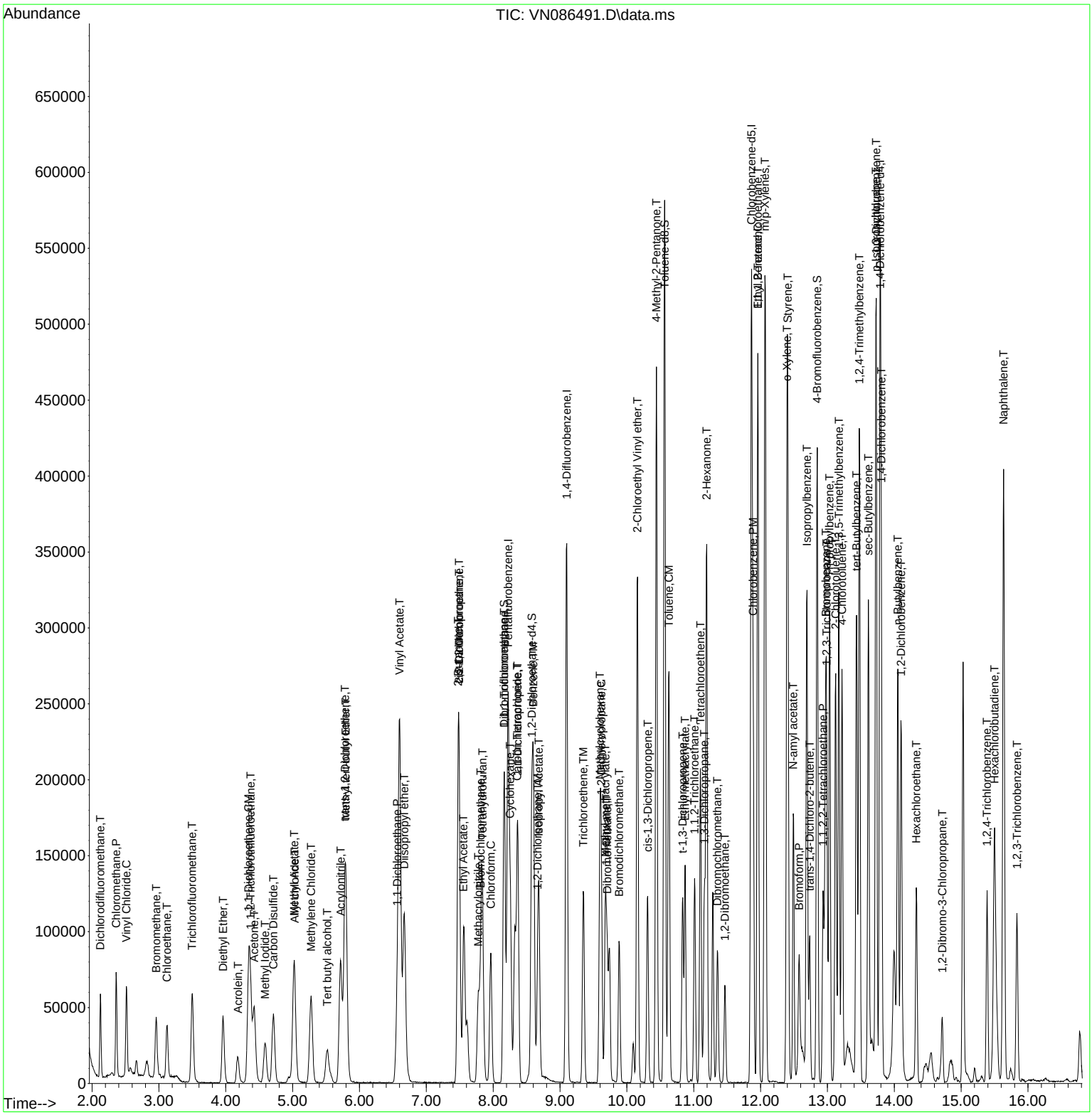
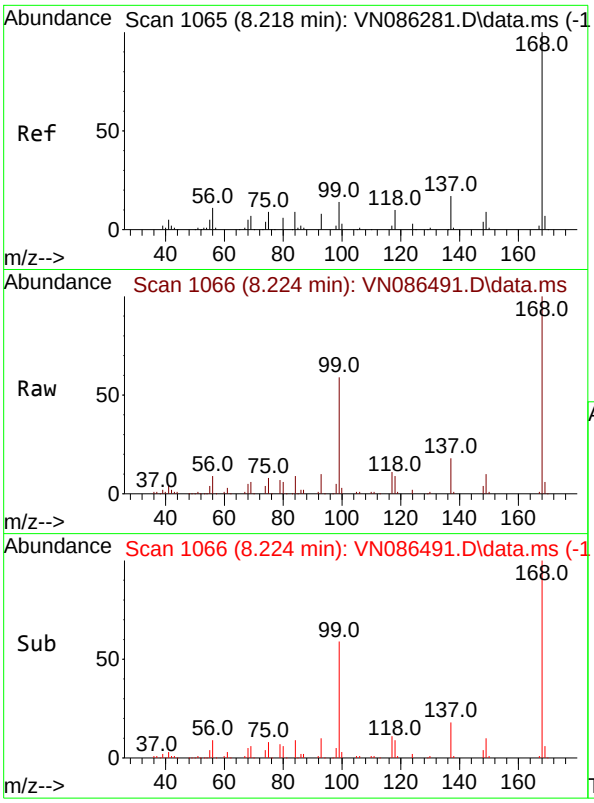
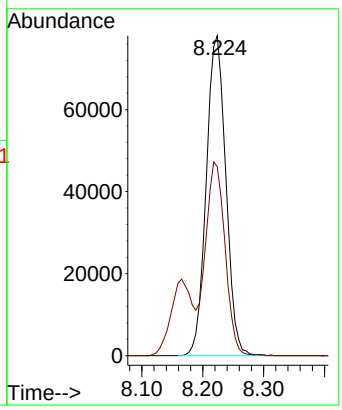




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:168 Resp: 17439

Ion	Ratio	Lower	Upper
168	100		
99	59.1	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

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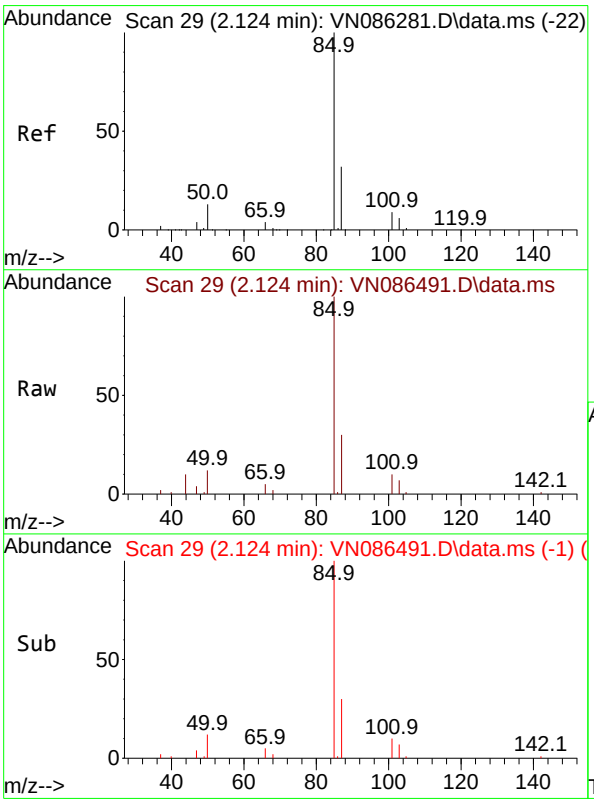
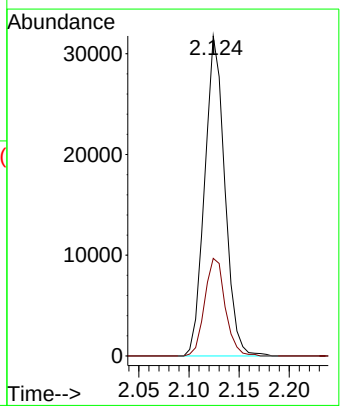
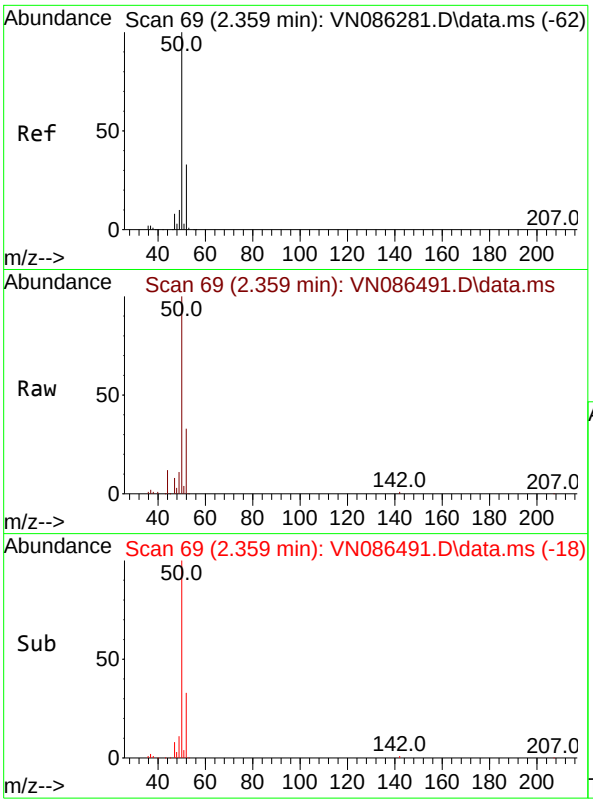


#2
Dichlorodifluoromethane
Concen: 21.547 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 85 Resp: 44543

Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.3	48.8

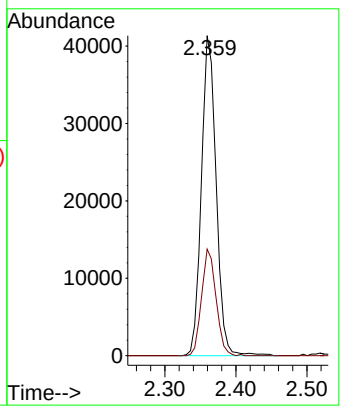




#3
Chloromethane
Concen: 19.935 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 50 Resp: 5989

Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

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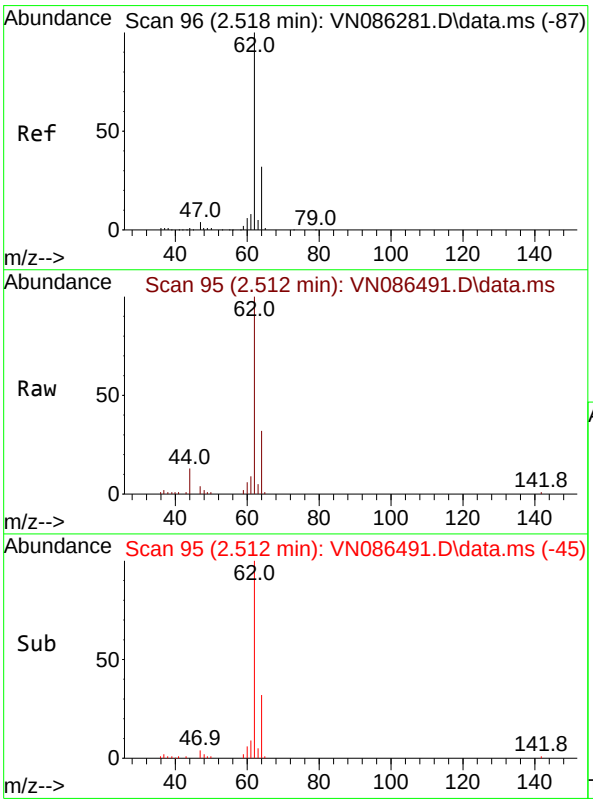
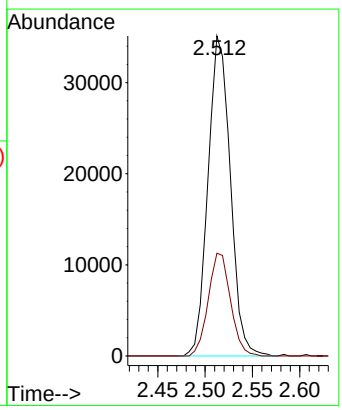
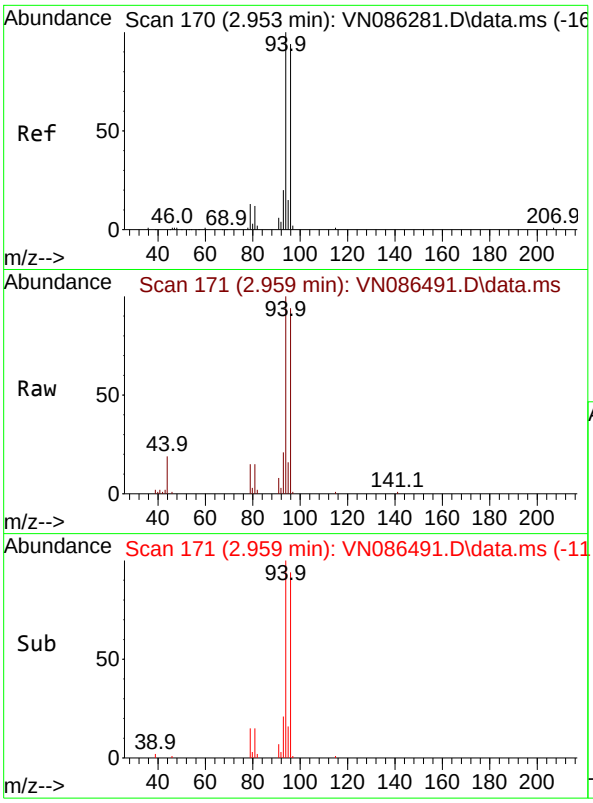


#4
Vinyl Chloride
Concen: 20.086 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 62 Resp: 57590

Ion	Ratio	Lower	Upper
62	100		
64	32.1	25.6	38.4

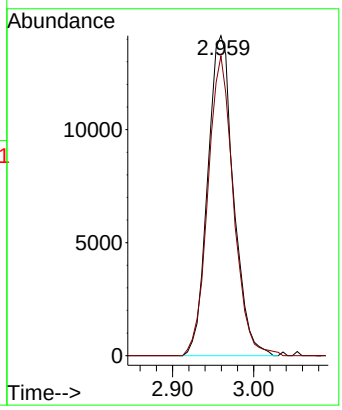




#5
Bromomethane
Concen: 24.254 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 94 Resp: 3127

Ion	Ratio	Lower	Upper
94	100		
96	93.7	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

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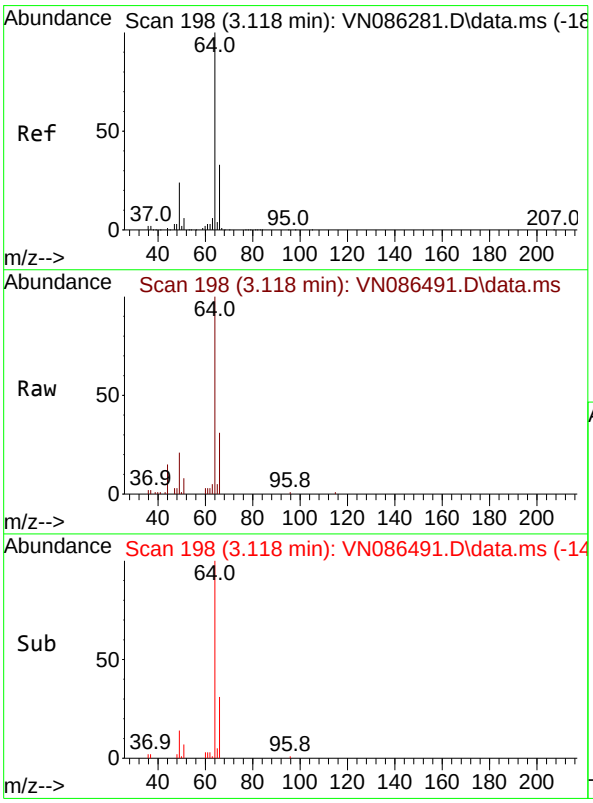
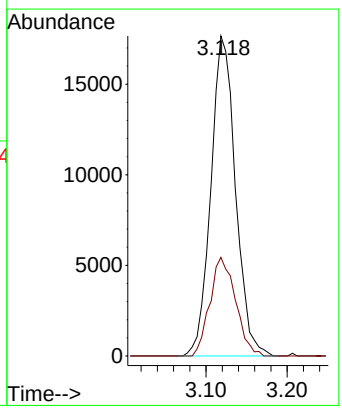
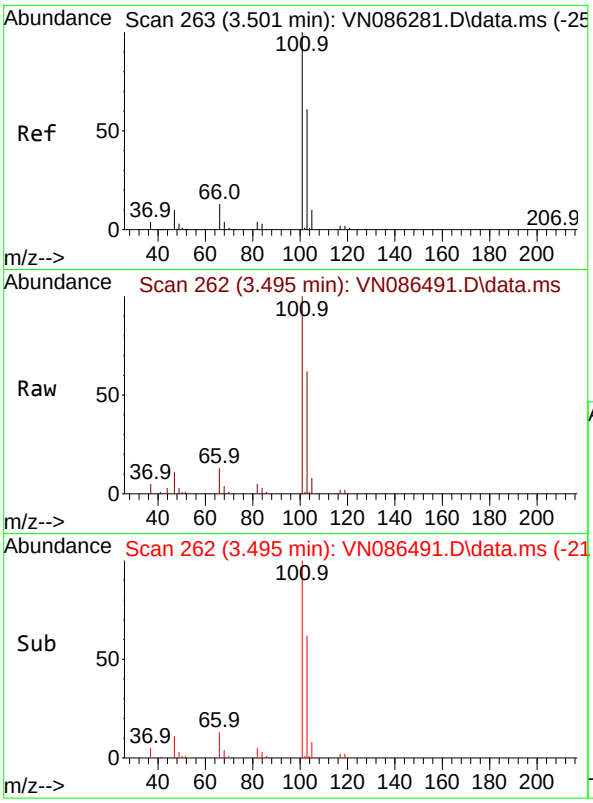


#6
Chloroethane
Concen: 19.404 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 64 Resp: 37234

Ion	Ratio	Lower	Upper
64	100		
66	30.8	26.2	39.2





#7
Trichlorofluoromethane
Concen: 20.946 ug/l
RT: 3.495 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:101 Resp: 6652

Ion	Ratio	Lower	Upper
101	100		
103	62.1	49.2	73.8

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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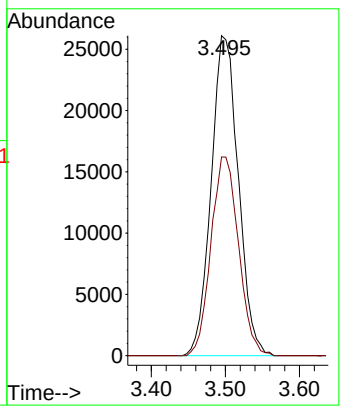
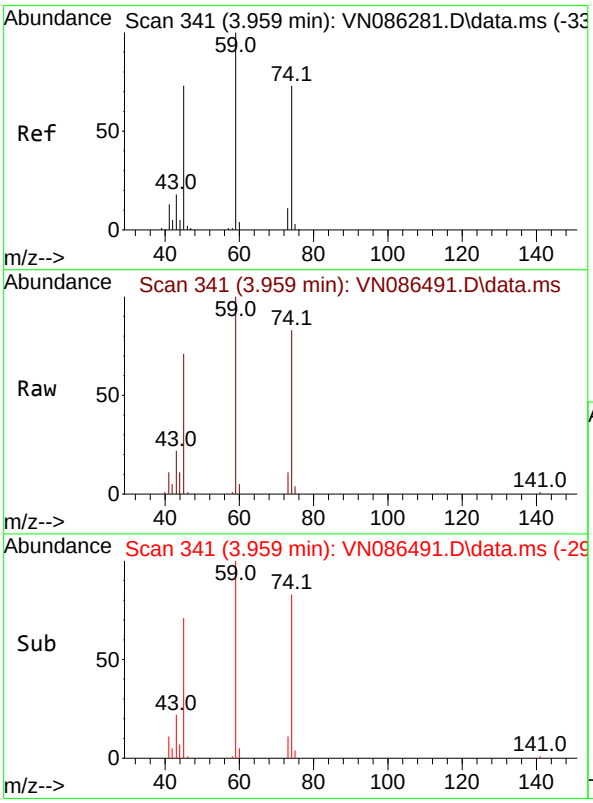
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

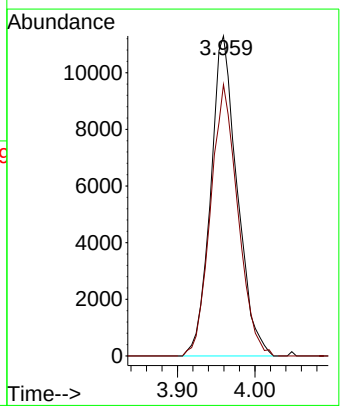


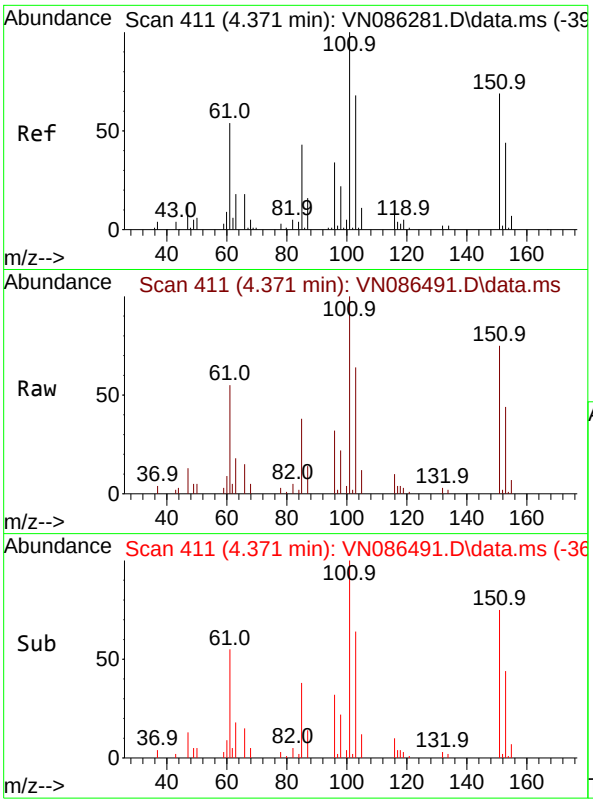


#8
Diethyl Ether
Concen: 19.410 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 74 Resp: 26911

Ion	Ratio	Lower	Upper
74	100		
45	87.1	48.0	144.2

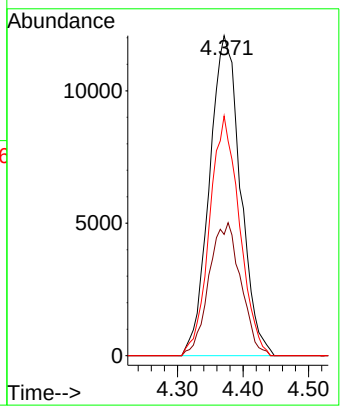




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.650 ug/l
RT: 4.371 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:101 Resp: 3967

Ion	Ratio	Lower	Upper
101	100		
85	42.7	34.7	52.1
151	72.2	56.1	84.1



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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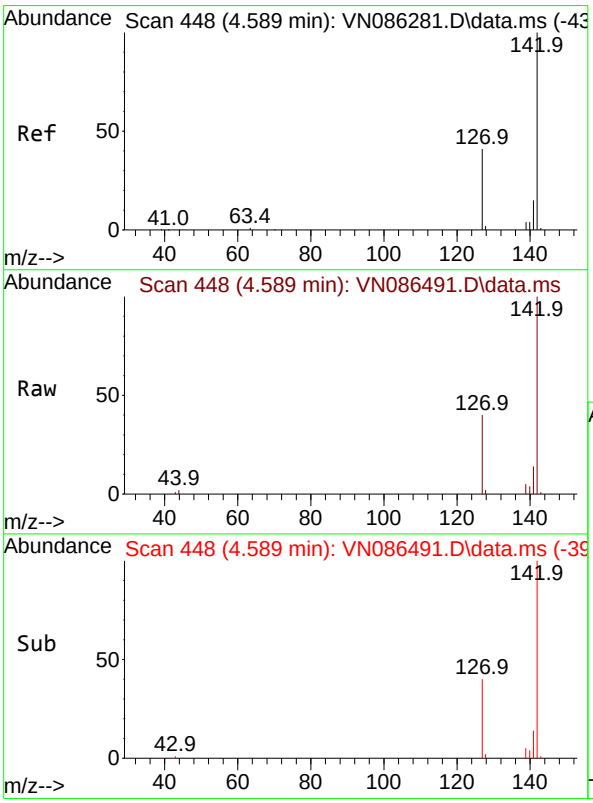
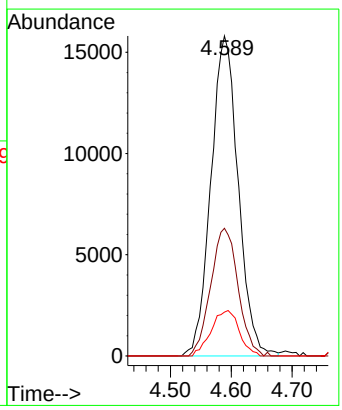
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

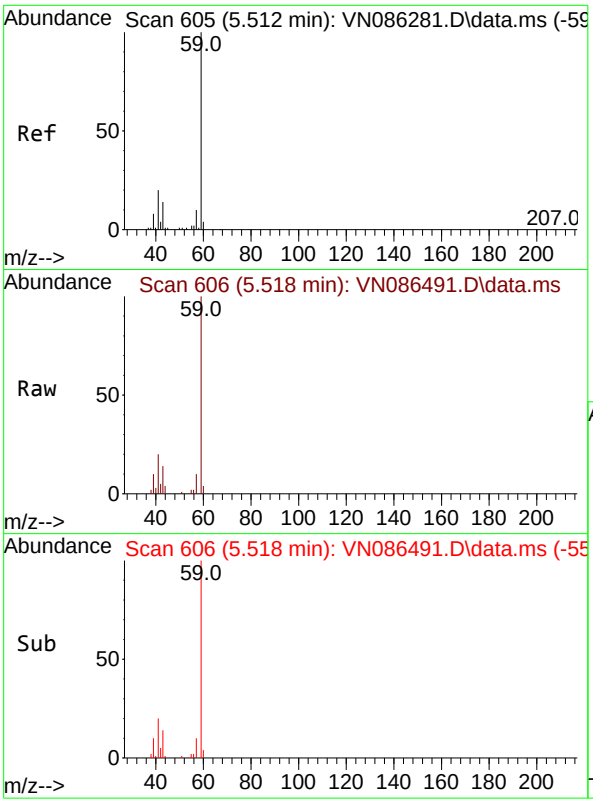


#10
Methyl Iodide
Concen: 23.281 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:142 Resp: 49175

Ion	Ratio	Lower	Upper
142	100		
127	39.9	32.7	49.1
141	13.7	11.7	17.5





#11
Tert butyl alcohol
Concen: 93.993 ug/l
RT: 5.518 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 59 Resp: 4336

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.3	12.5

Instrument :
MSVOA_N
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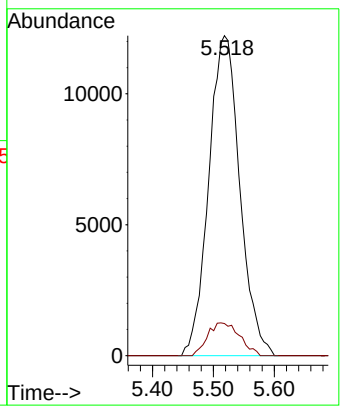
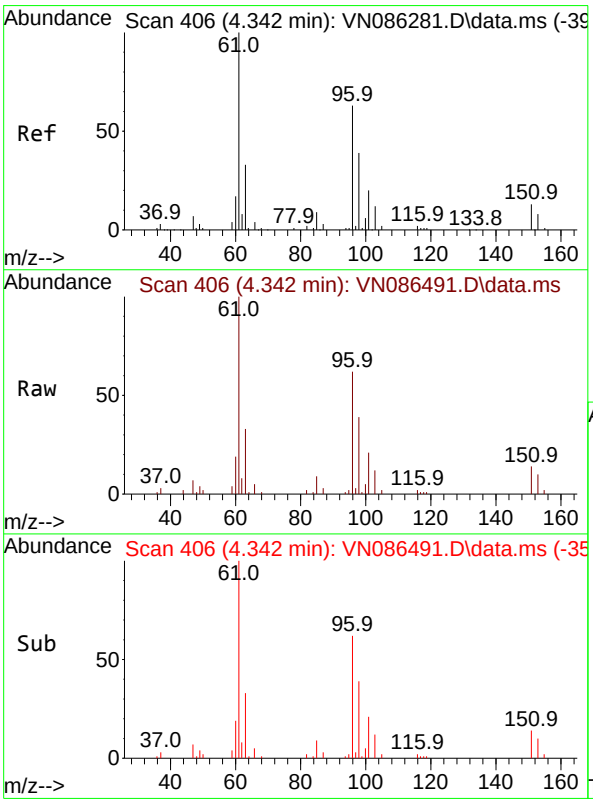
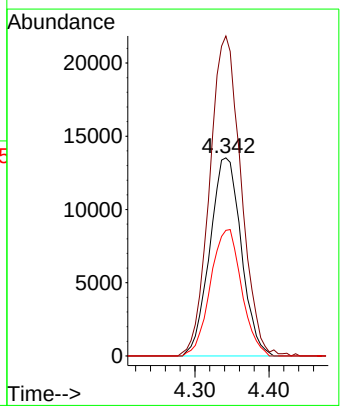


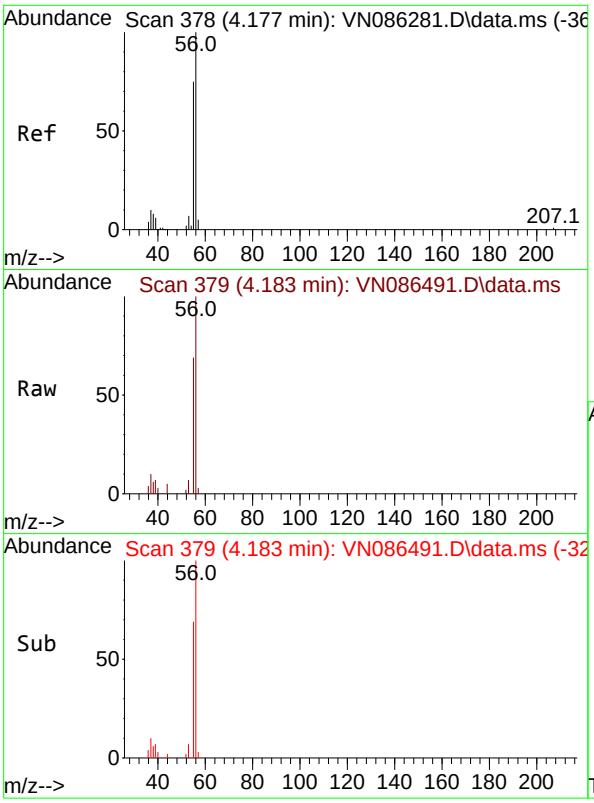


#12
1,1-Dichloroethene
Concen: 19.395 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 96 Resp: 39810

Ion	Ratio	Lower	Upper
96	100		
61	161.5	126.6	189.8
98	63.4	49.6	74.4

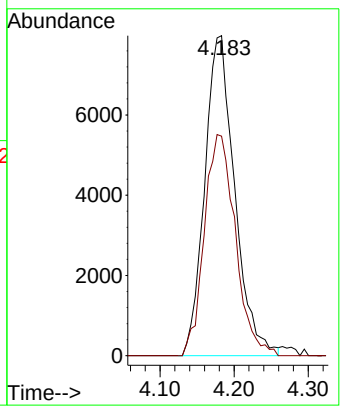




#13
Acrolein
Concen: 94.919 ug/l
RT: 4.183 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 56 Resp: 2243

Ion	Ratio	Lower	Upper
56	100		
55	71.6	58.5	87.7



Instrument :
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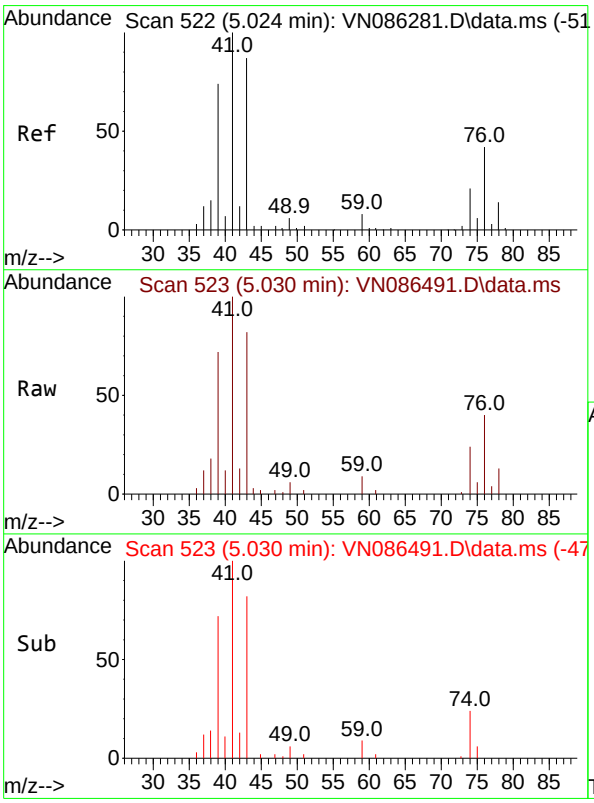
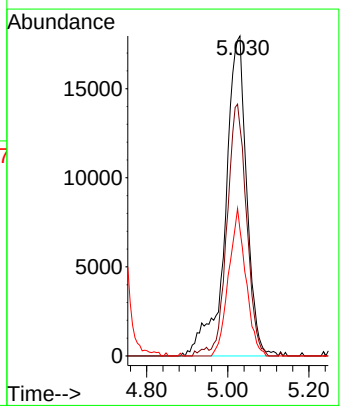
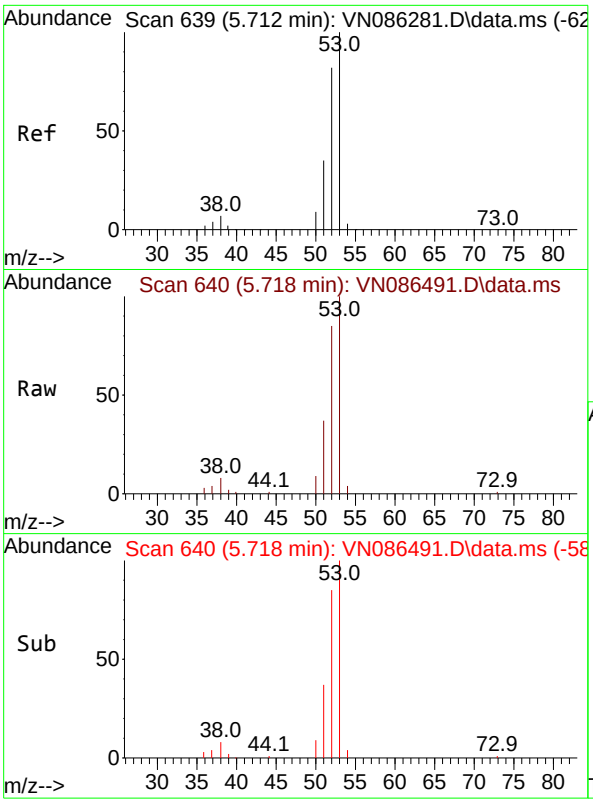


#14
Allyl chloride
Concen: 17.991 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 41 Resp: 65646

Ion	Ratio	Lower	Upper
41	100		
39	71.0	59.2	88.8
76	37.1	31.2	46.8





#15
Acrylonitrile
Concen: 94.486 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 53 Resp: 10777

Ion	Ratio	Lower	Upper
53	100		
52	83.1	65.5	98.3
51	36.6	28.6	42.8

Instrument :
MSVOA_N
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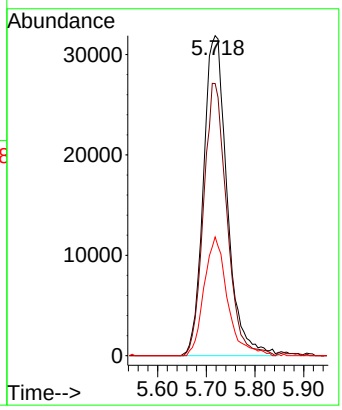
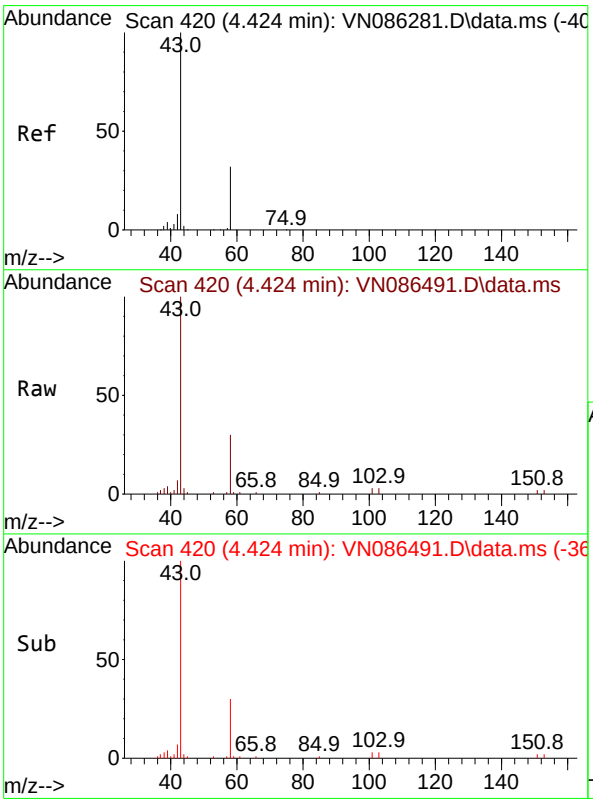
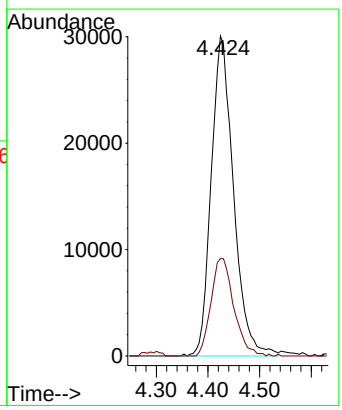


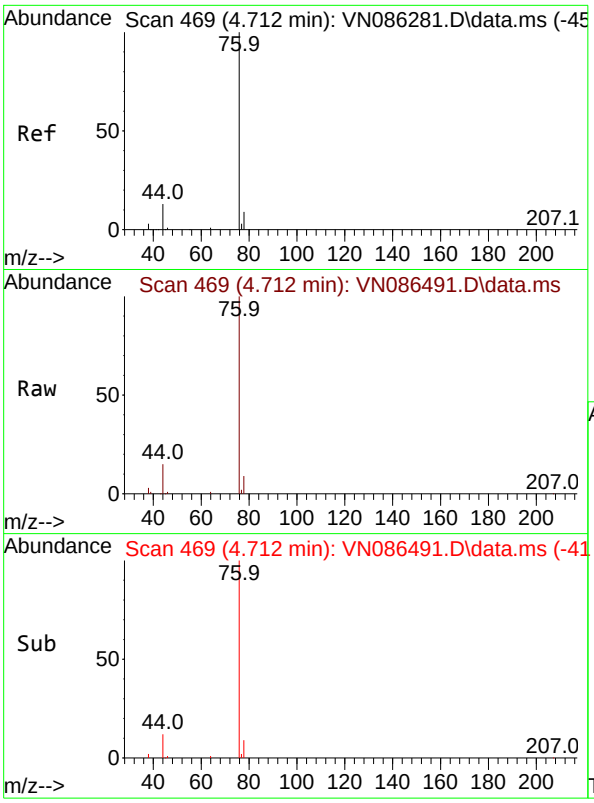


#16
Acetone
Concen: 99.575 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 90063

Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.3	37.9

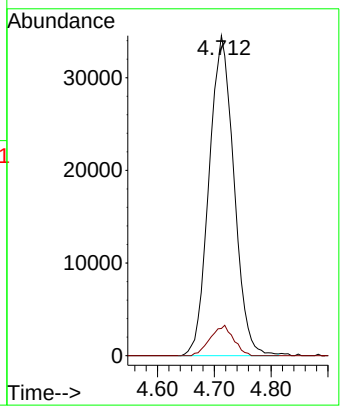




#17
Carbon Disulfide
Concen: 17.109 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 76 Resp: 10514

Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.6	11.4



Instrument :
MSVOA_N
ClientSampleId :
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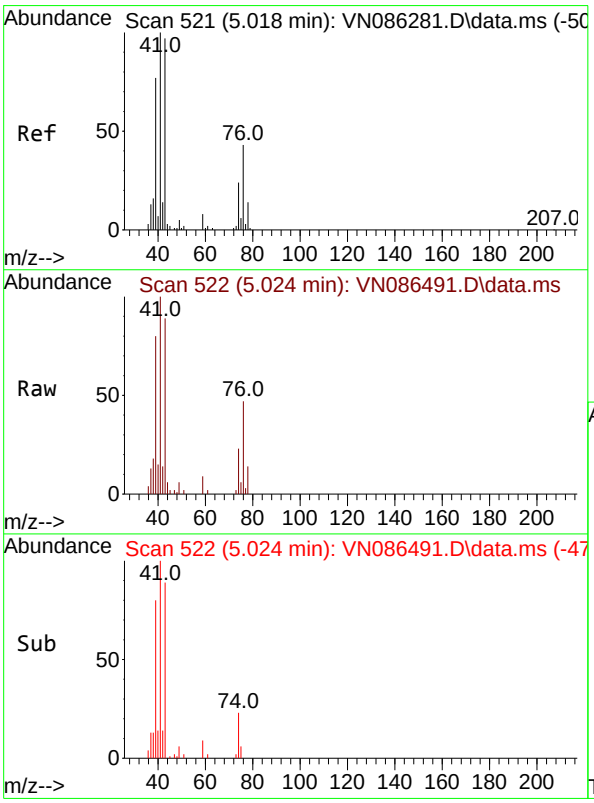
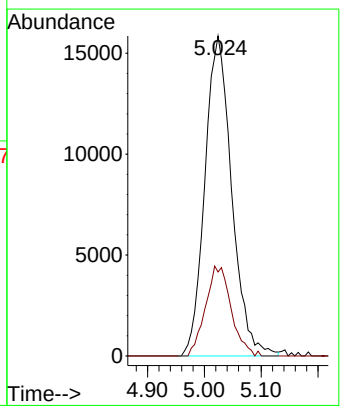
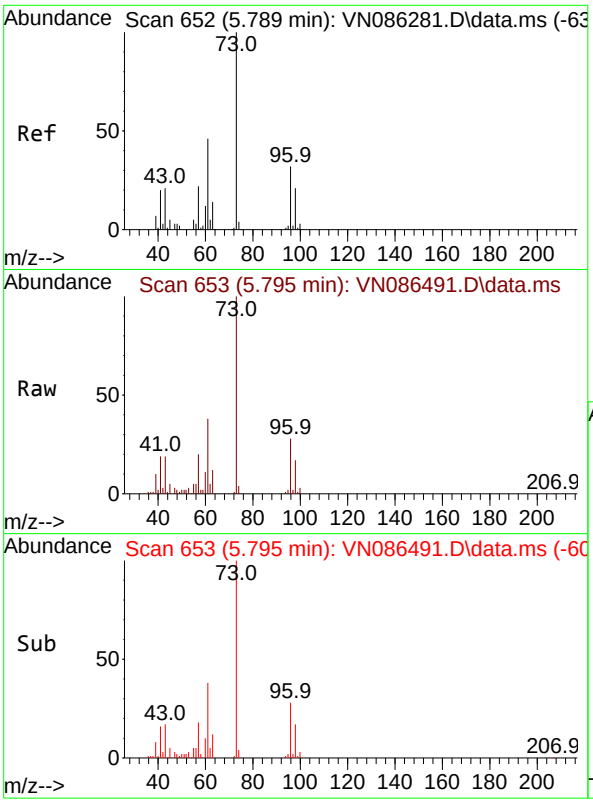


#18
Methyl Acetate
Concen: 17.149 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 52056

Ion	Ratio	Lower	Upper
43	100		
74	26.8	19.8	29.6

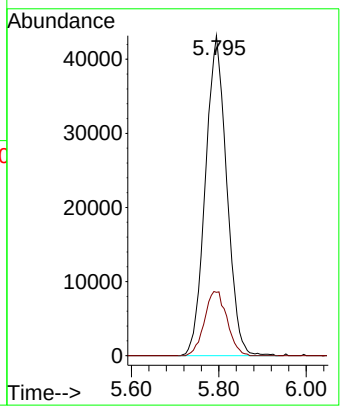




#19
Methyl tert-butyl Ether
Concen: 19.391 ug/l
RT: 5.795 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 73 Resp: 14630

Ion	Ratio	Lower	Upper
73	100		
57	19.8	17.6	26.4



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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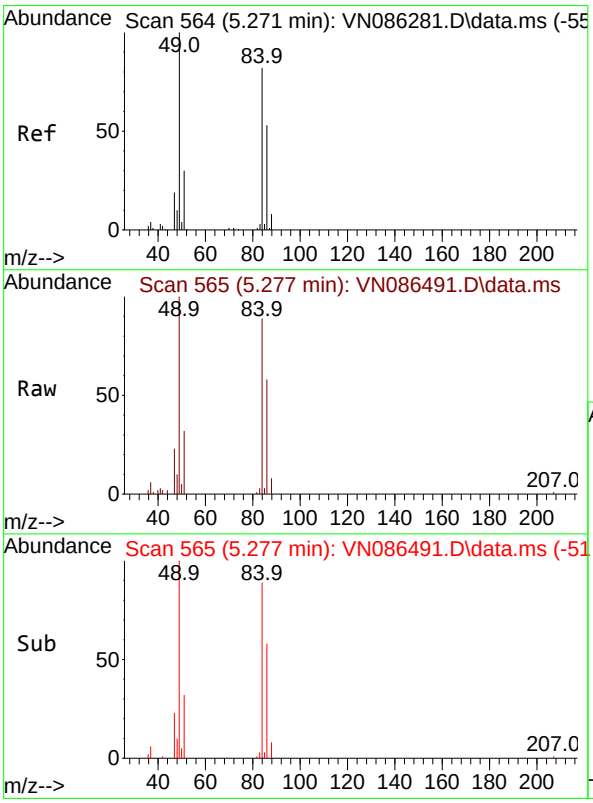
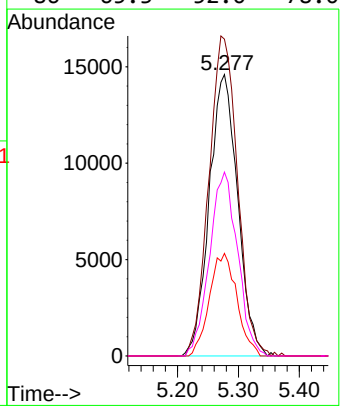
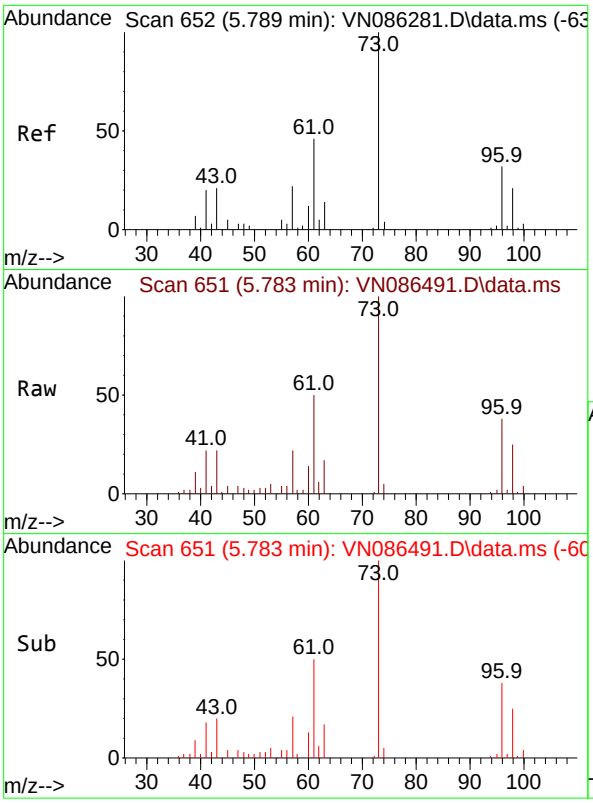


#20
Methylene Chloride
Concen: 20.272 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 84 Resp: 47392

Ion	Ratio	Lower	Upper
84	100		
49	112.6	98.2	147.2
51	36.4	29.8	44.6
86	65.3	52.0	78.0

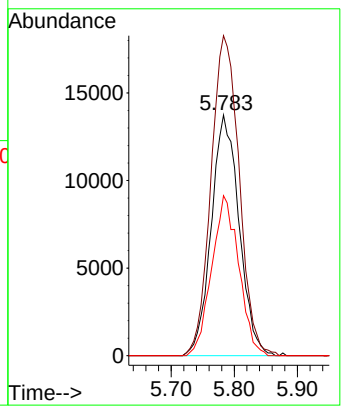




#21
trans-1,2-Dichloroethene
Concen: 19.597 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 96 Resp: 4205

Ion	Ratio	Lower	Upper
96	100		
61	133.0	114.6	171.8
98	66.5	51.2	76.8



Instrument :
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ClientSampleId :
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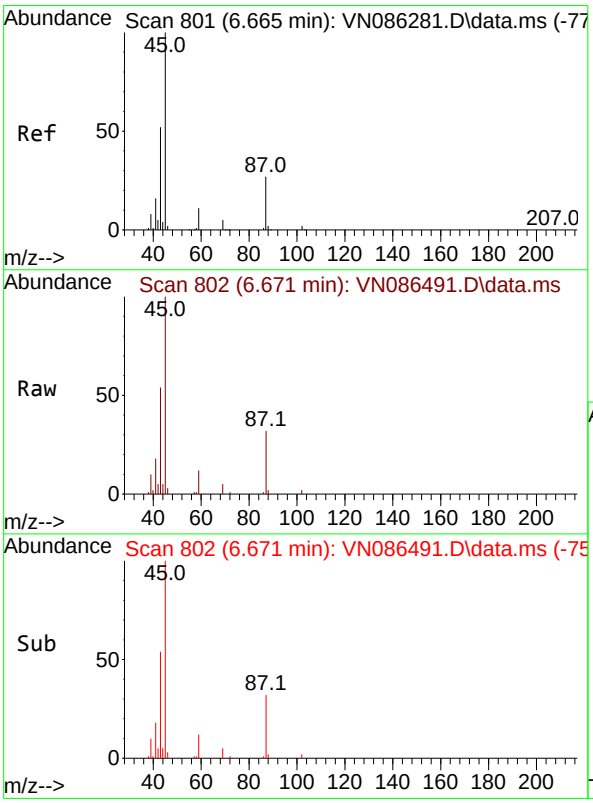
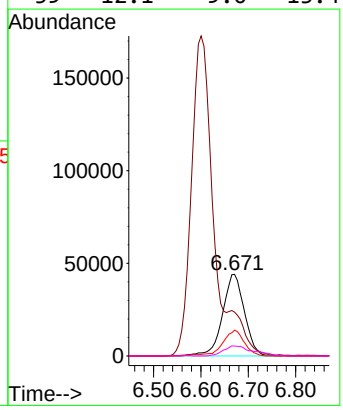
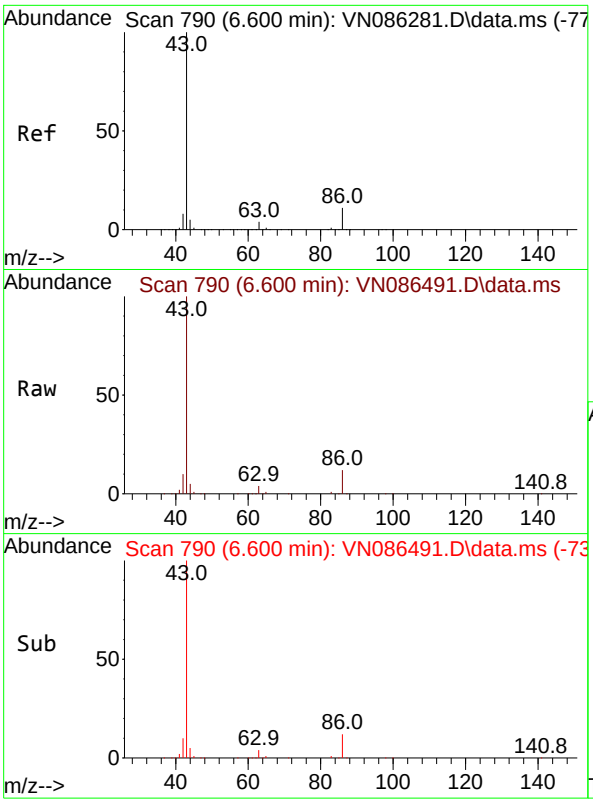


#22
Diisopropyl ether
Concen: 17.810 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 45 Resp: 141369

Ion	Ratio	Lower	Upper
45	100		
43	52.2	41.8	62.8
87	31.6	21.6	32.4
59	12.1	9.0	13.4

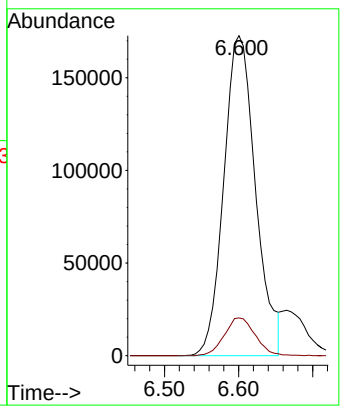




#23
Vinyl Acetate
Concen: 92.835 ug/l
RT: 6.600 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 51511

Ion	Ratio	Lower	Upper
43	100		
86	11.8	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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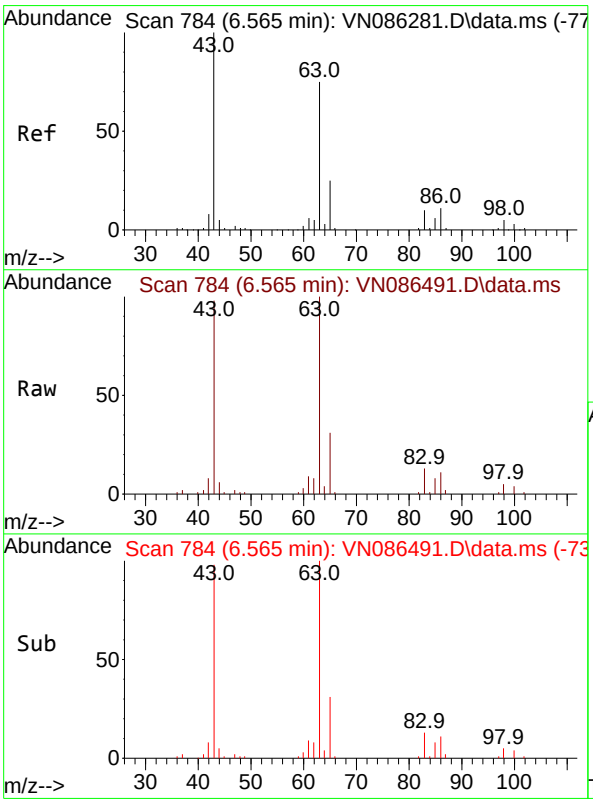
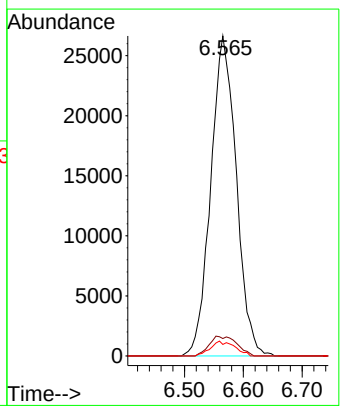
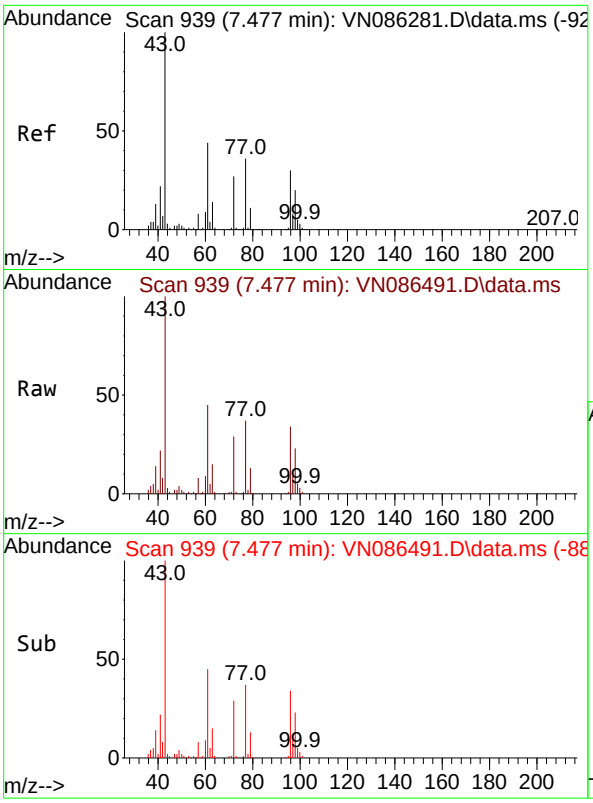


#24
1,1-Dichloroethane
Concen: 19.181 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 63 Resp: 80332

Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.4	10.2
100	3.6	2.1	6.5

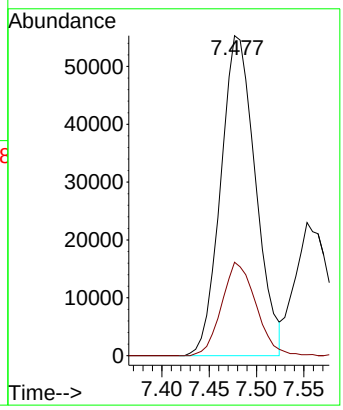




#25
2-Butanone
Concen: 90.012 ug/l
RT: 7.477 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 14168

Ion	Ratio	Lower	Upper
43	100		
72	29.2	21.7	32.5



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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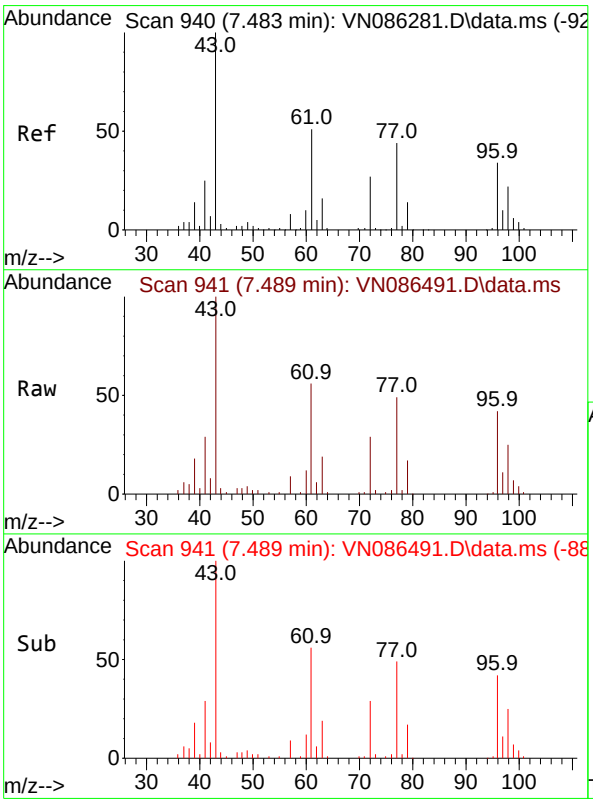
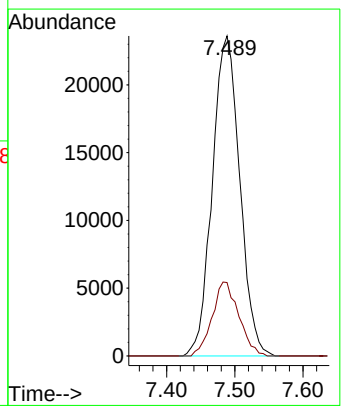
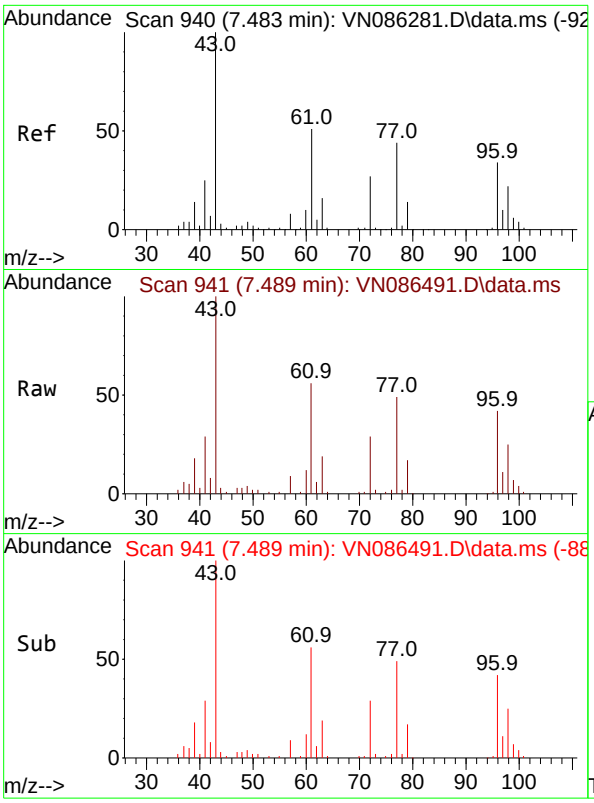


#26
2,2-Dichloropropane
Concen: 17.627 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 77 Resp: 66100

Ion	Ratio	Lower	Upper
77	100		
97	22.4	11.2	33.5





#27
cis-1,2-Dichloroethene
Concen: 20.027 ug/l
RT: 7.489 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 96 Resp: 5334

Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	299.0
98	64.5	0.0	129.6

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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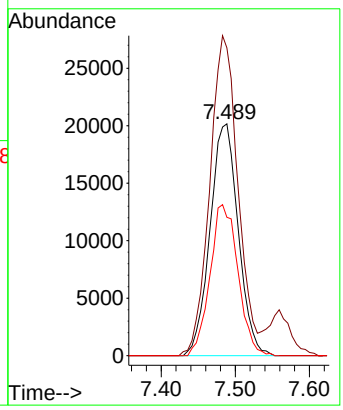
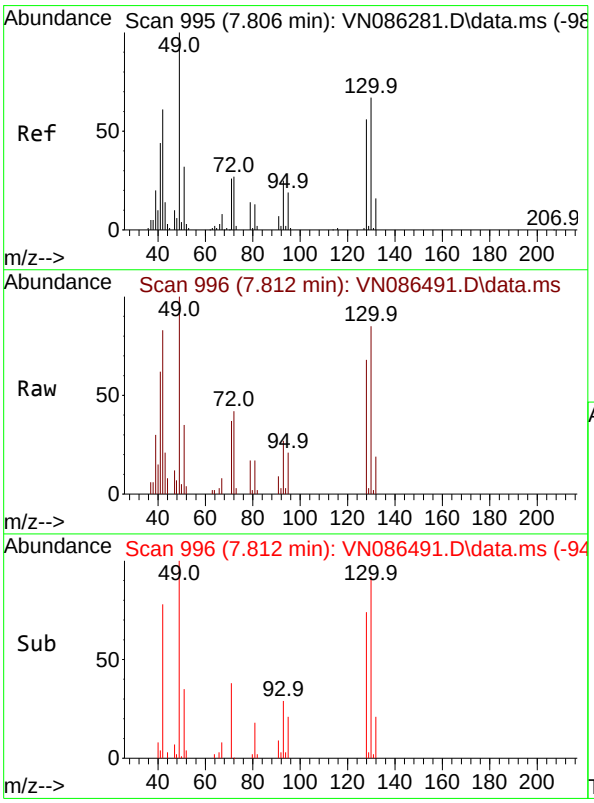
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

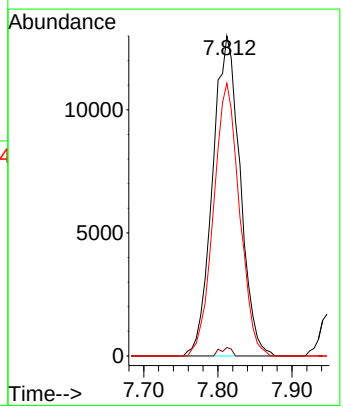


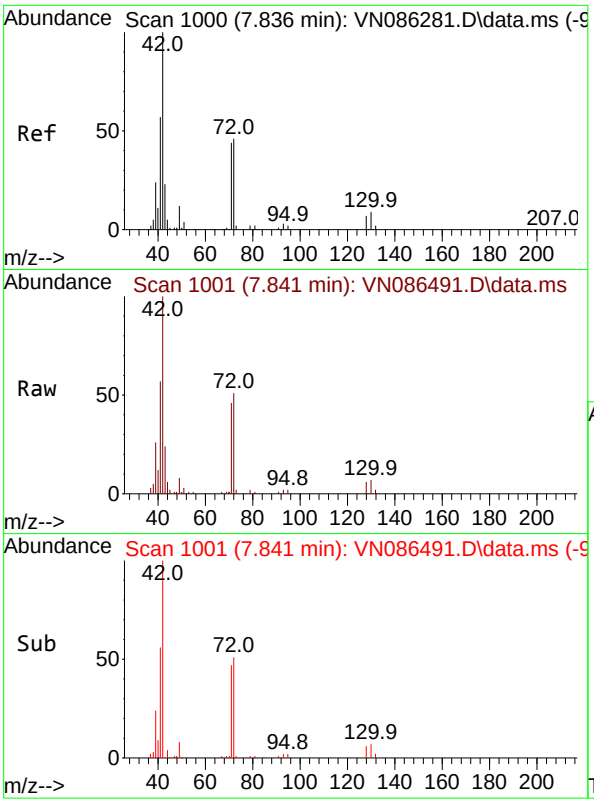


#28
Bromochloromethane
Concen: 18.886 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 49 Resp: 33538

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.4
130	80.4	57.1	85.7





#29
Tetrahydrofuran
Concen: 89.078 ug/l
RT: 7.841 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 42 Resp: 9376

Ion	Ratio	Lower	Upper
42	100		
72	48.6	36.2	54.4
71	45.7	34.0	51.0

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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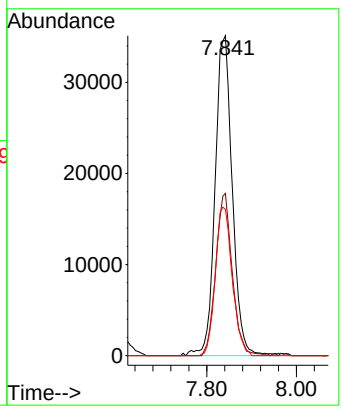
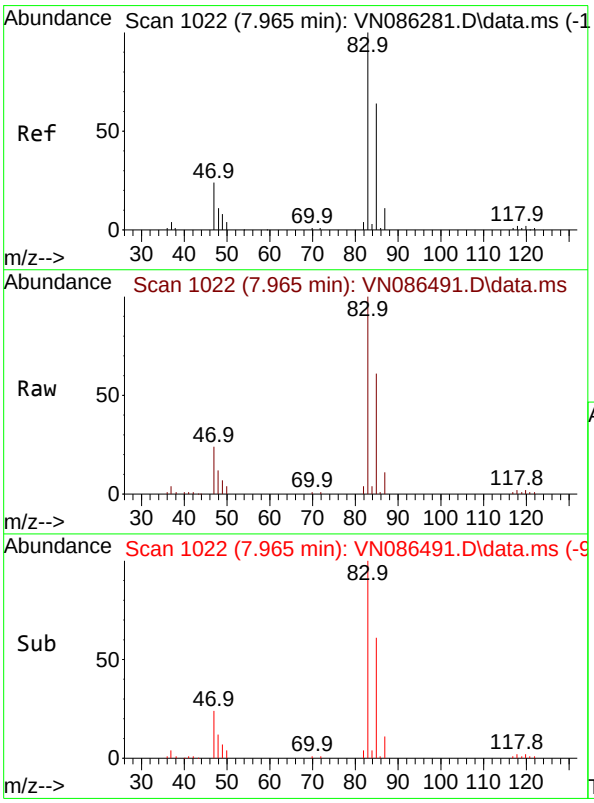
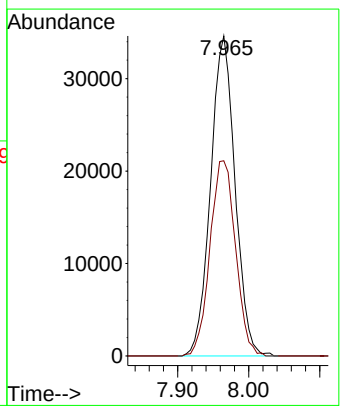


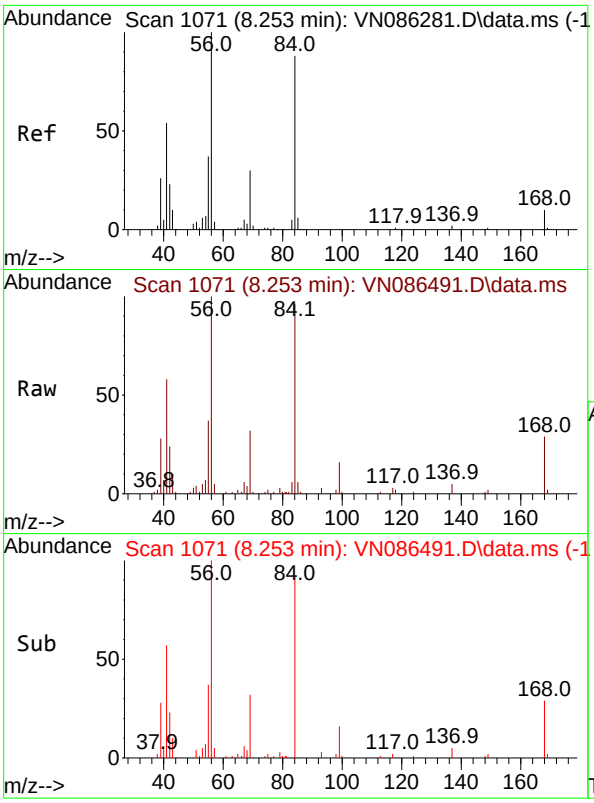


#30
Chloroform
Concen: 20.091 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 83 Resp: 82657

Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.5	77.3

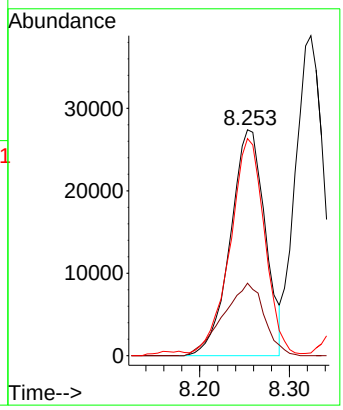




#31
Cyclohexane
Concen: 18.019 ug/l
RT: 8.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 56 Resp: 7384

Ion	Ratio	Lower	Upper
56	100		
69	32.1	24.2	36.2
84	94.2	70.3	105.5



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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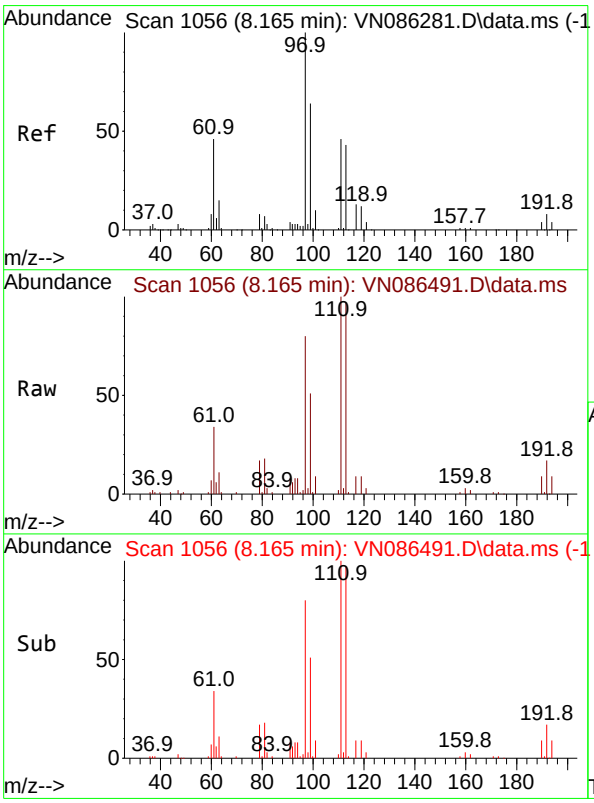
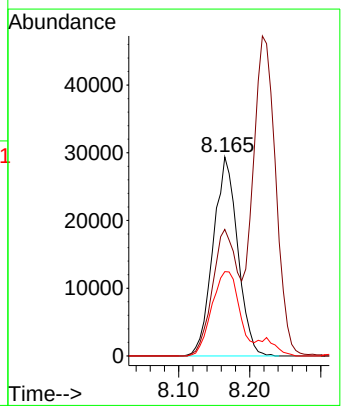
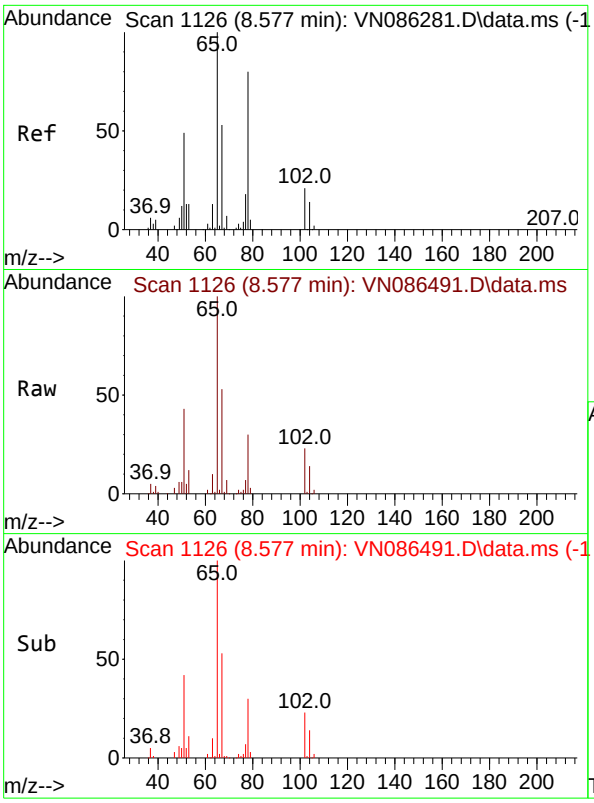


#32
1,1,1-Trichloroethane
Concen: 20.018 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 97 Resp: 70453

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.7	79.1
61	48.1	39.5	59.3





#33
1,2-Dichloroethane-d4
Concen: 51.448 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 65 Resp: 13010

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	106.0

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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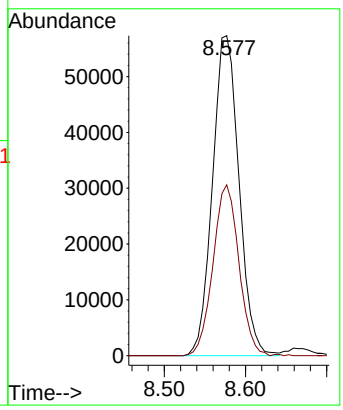
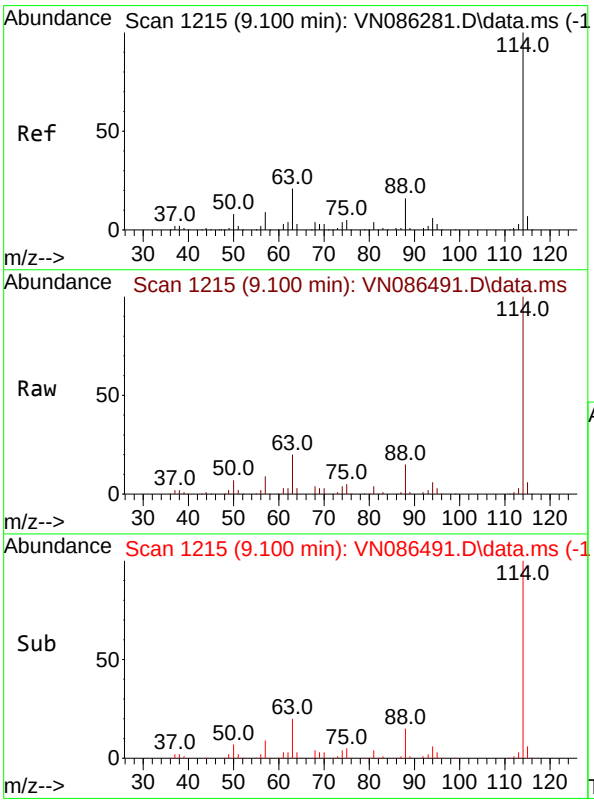
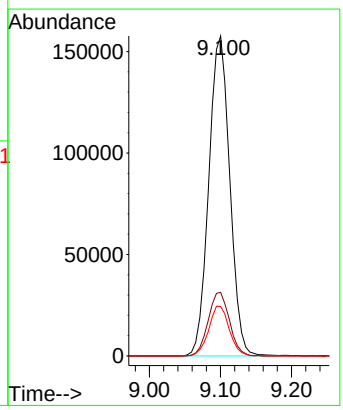


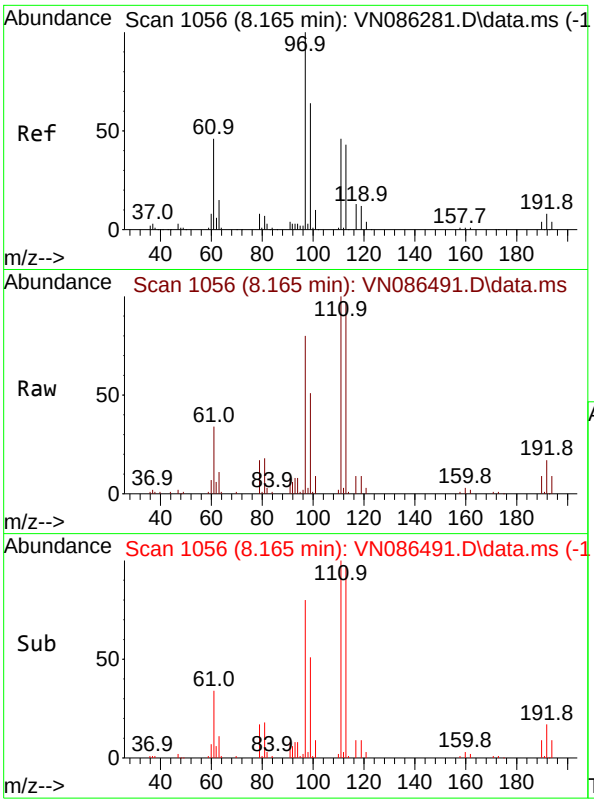


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:114 Resp: 323563

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	15.4	0.0	31.8

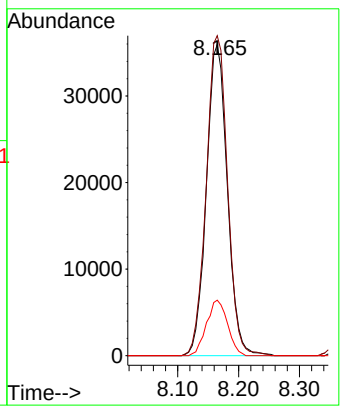




#35
Dibromofluoromethane
Concen: 57.302 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:113 Resp: 8605

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.4	125.0
192	17.9	13.7	20.5



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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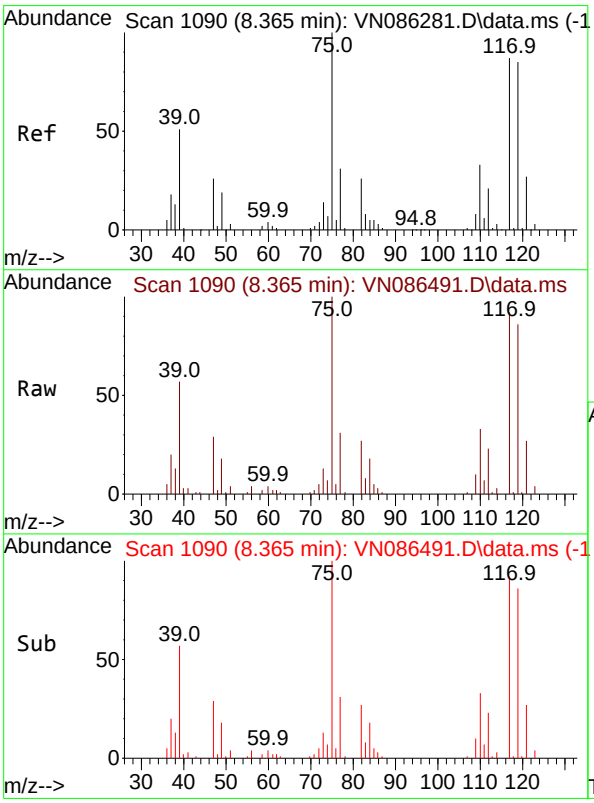
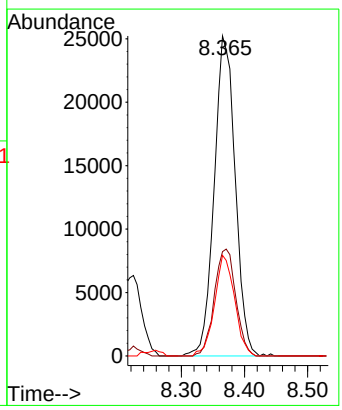
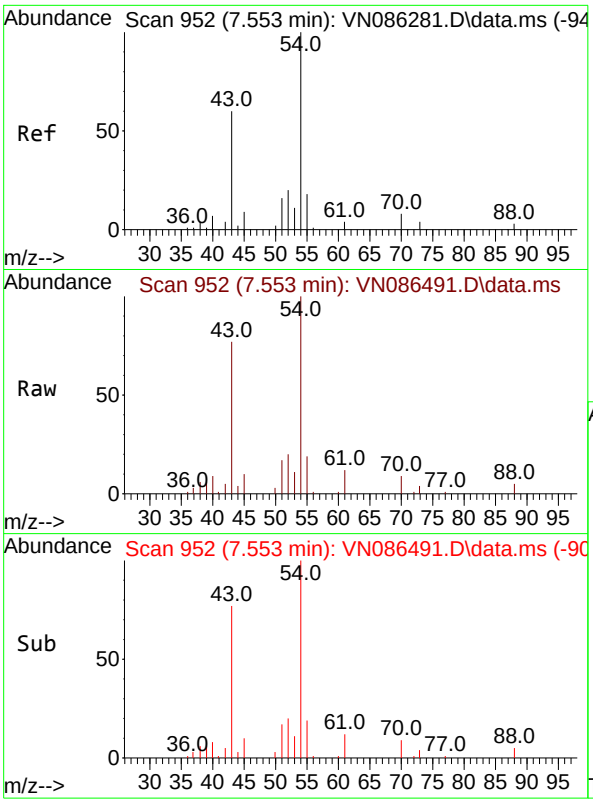


#36
1,1-Dichloropropene
Concen: 19.454 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 75 Resp: 58349

Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.8	50.4
77	30.0	24.9	37.3

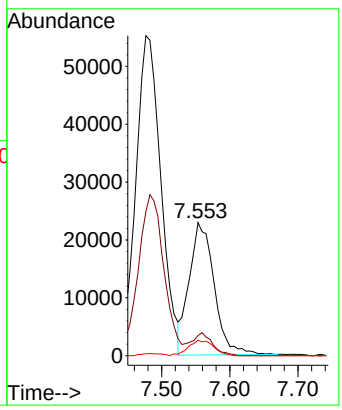




#37
Ethyl Acetate
Concen: 18.474 ug/l
RT: 7.553 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 5833

Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.1	16.7
70	11.6	9.2	13.8



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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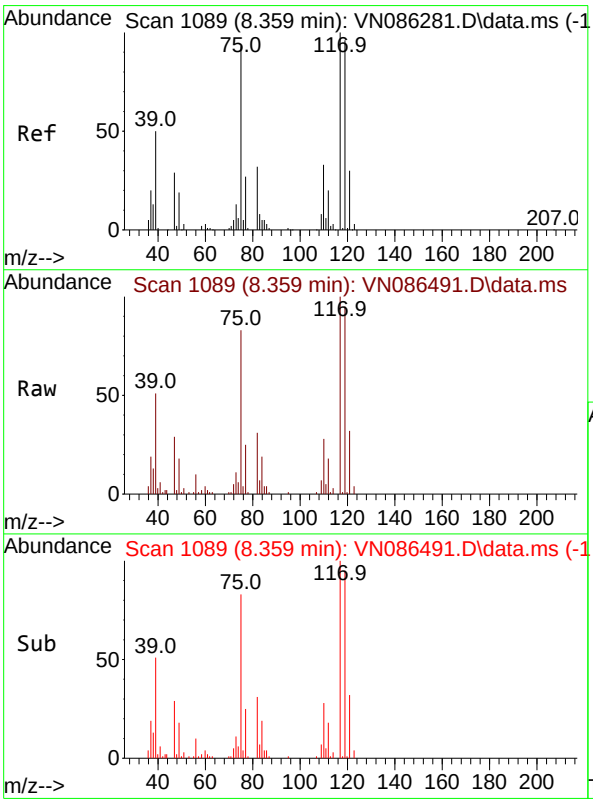
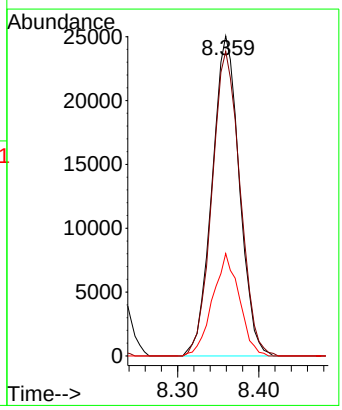
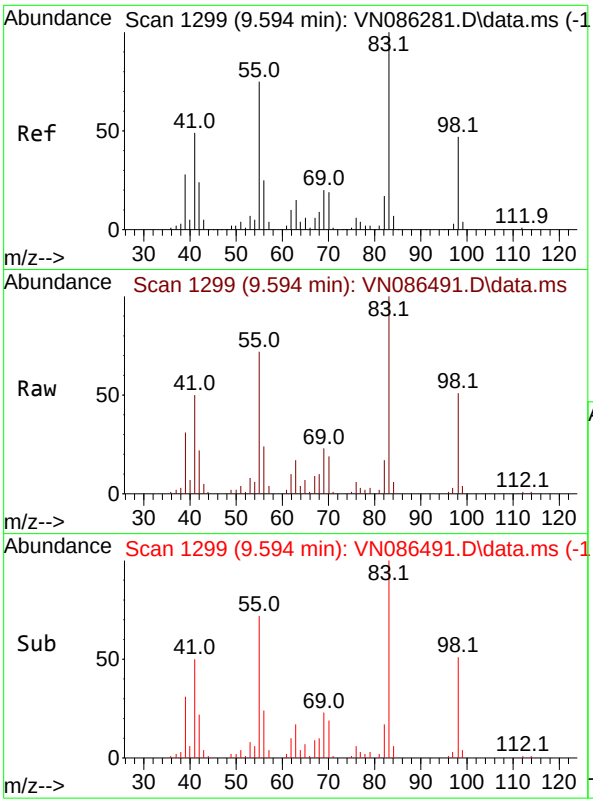


#38
Carbon Tetrachloride
Concen: 20.460 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:117 Resp: 58441

Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.8	115.2
121	32.0	23.8	35.8

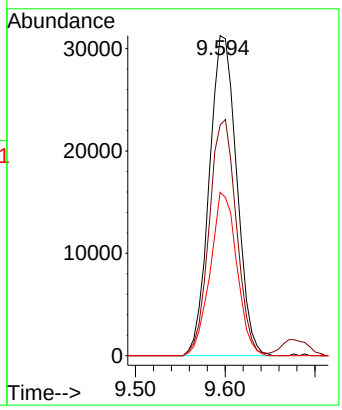




#39
Methylcyclohexane
Concen: 18.591 ug/l
RT: 9.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 83 Resp: 6627

Ion	Ratio	Lower	Upper
83	100		
55	72.1	59.8	89.8
98	51.1	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
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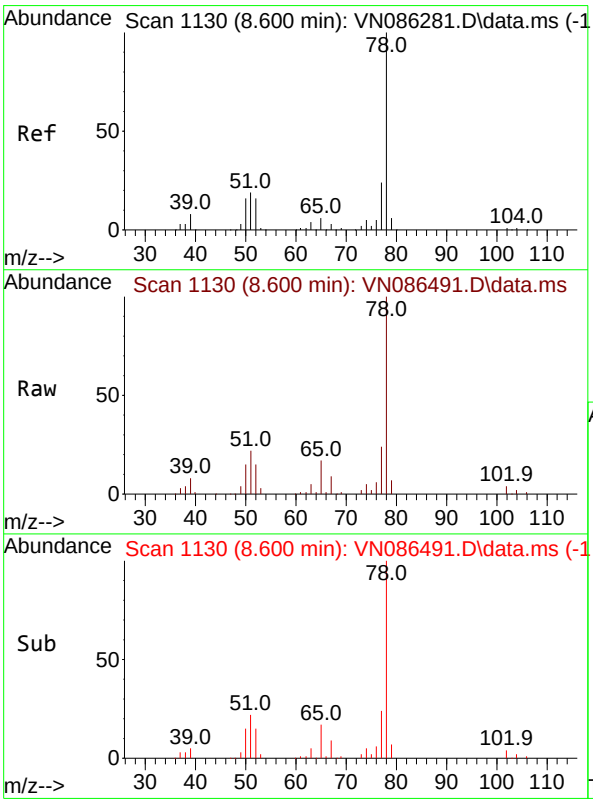
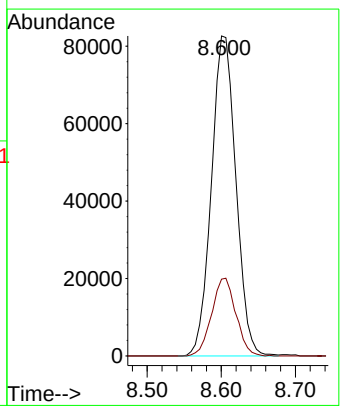
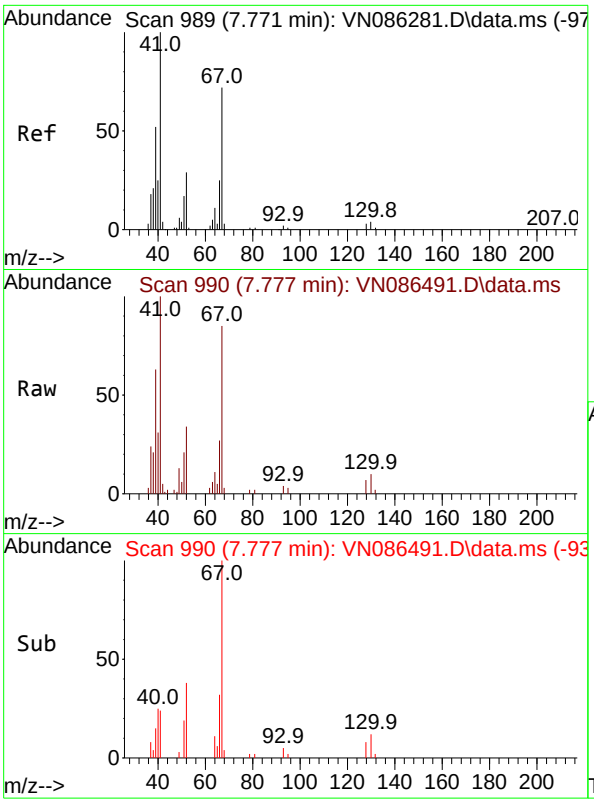


#40
Benzene
Concen: 19.760 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 78 Resp: 189893

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2

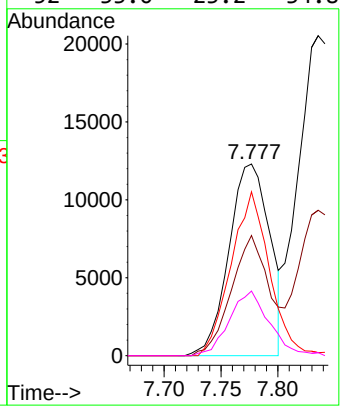




#41
Methacrylonitrile
Concen: 16.798 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 41 Resp: 3074

Ion	Ratio	Lower	Upper
41	100		
39	60.2	43.0	64.4
67	80.7	58.8	88.2
52	33.0	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
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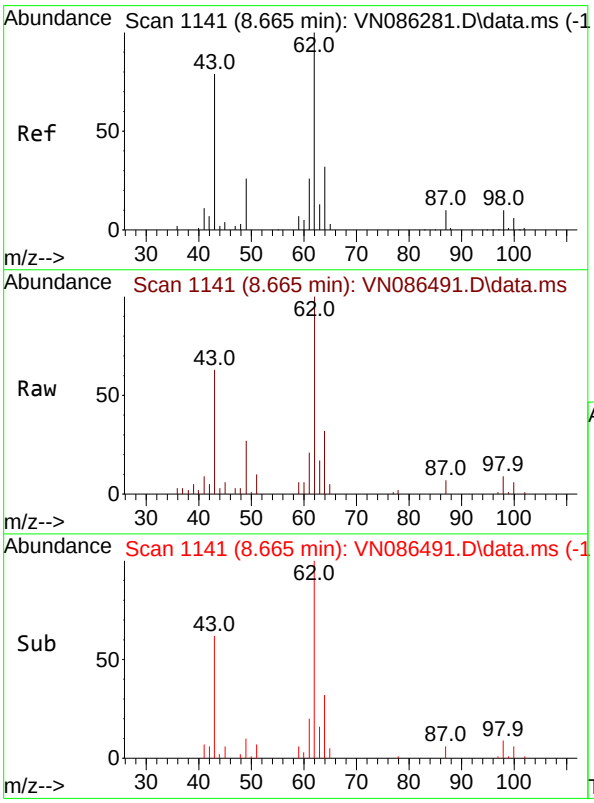
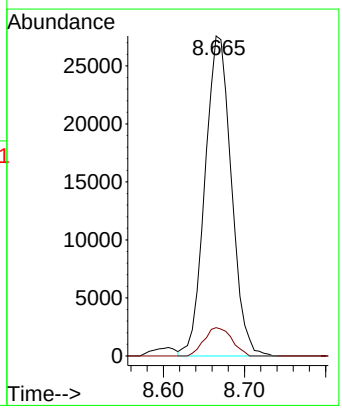
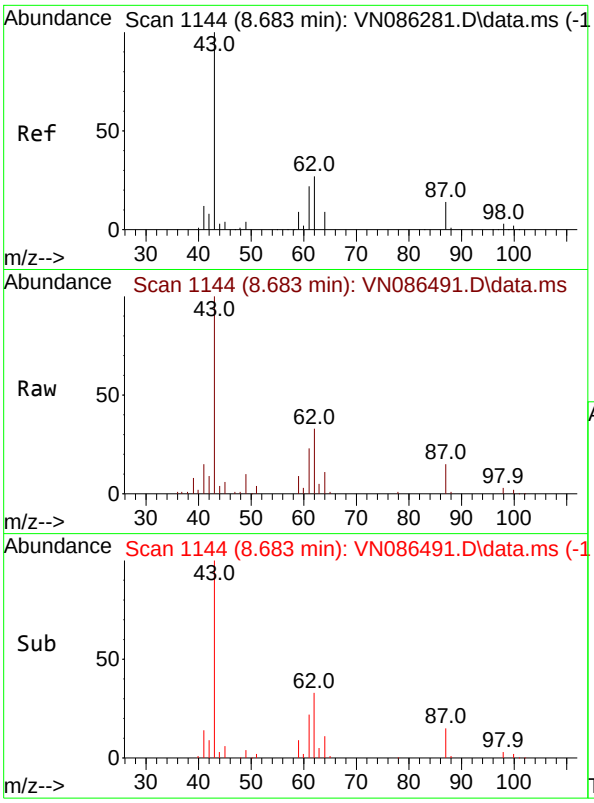


#42
1,2-Dichloroethane
Concen: 20.296 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 62 Resp: 62197

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





#43
Isopropyl Acetate
Concen: 18.158 ug/l
RT: 8.683 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 11110

Ion	Ratio	Lower	Upper
43	100		
61	24.7	20.5	30.7
87	13.0	10.5	15.7

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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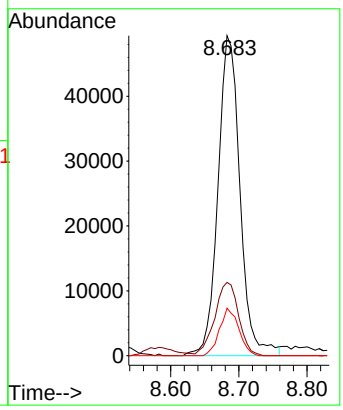
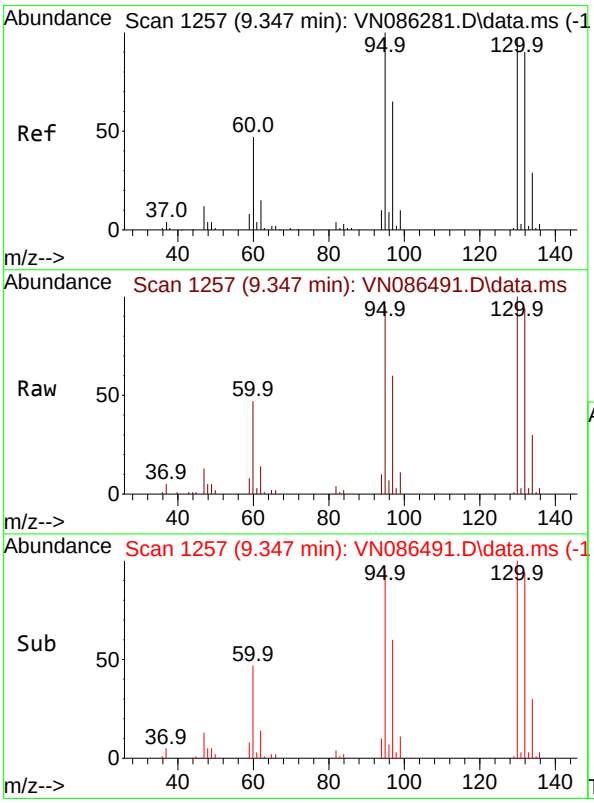
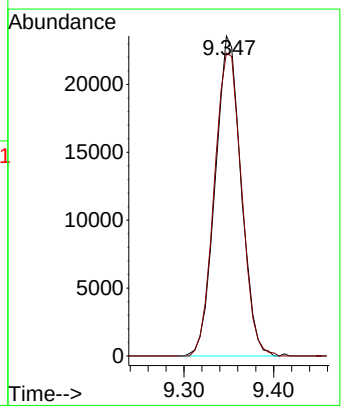


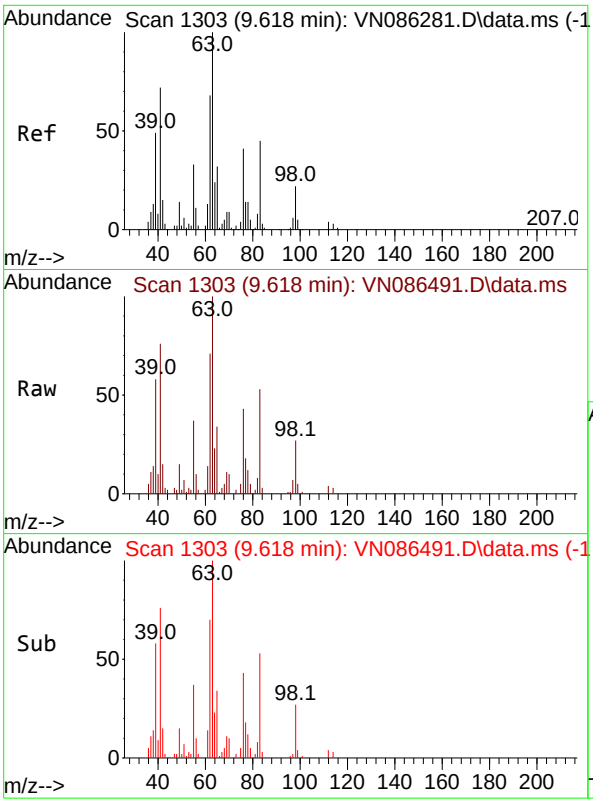


#44
Trichloroethene
Concen: 20.660 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:130 Resp: 47059

Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	207.2





#45
1,2-Dichloropropane
Concen: 19.107 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 63 Resp: 4494

Ion	Ratio	Lower	Upper
63	100		
65	33.8	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
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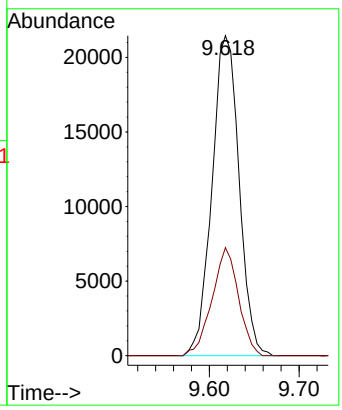
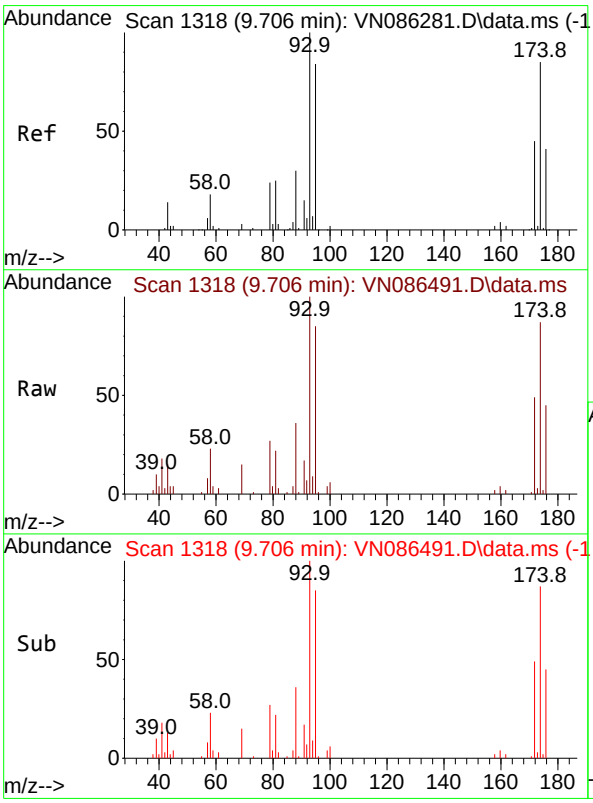
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

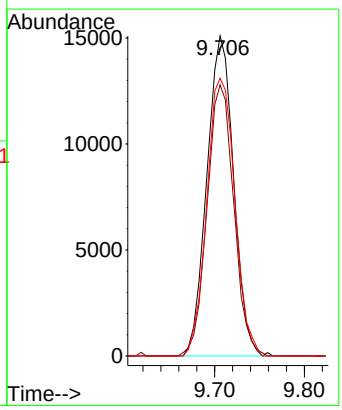


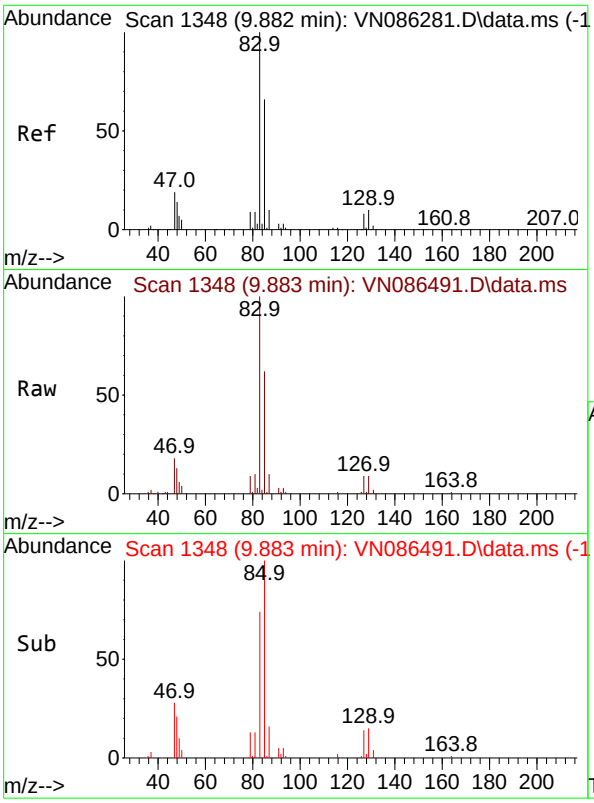


#46
Dibromomethane
Concen: 20.843 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 93 Resp: 31240

Ion	Ratio	Lower	Upper
93	100		
95	84.8	66.2	99.4
174	91.1	67.8	101.6

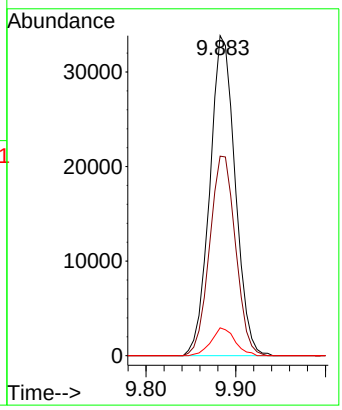




#47
Bromodichloromethane
Concen: 20.509 ug/l
RT: 9.883 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 83 Resp: 6638

Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.6	78.8
127	8.7	6.1	9.1



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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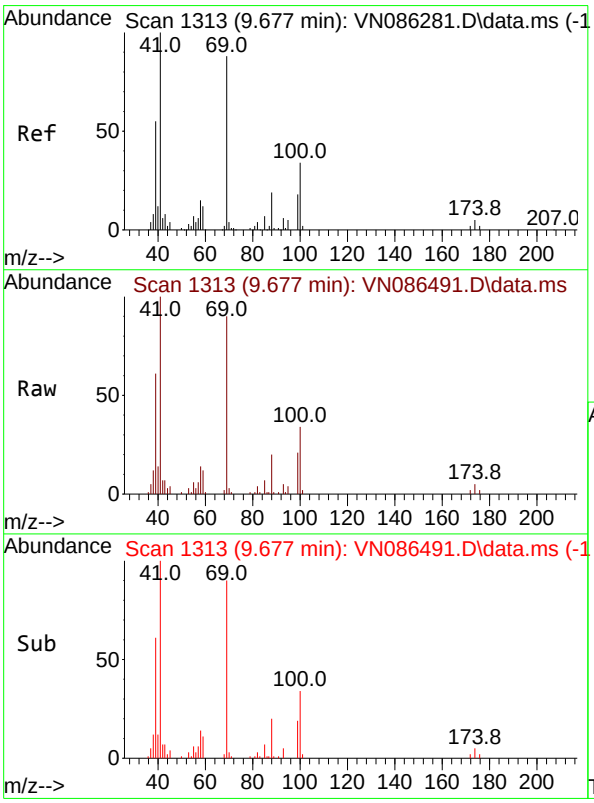
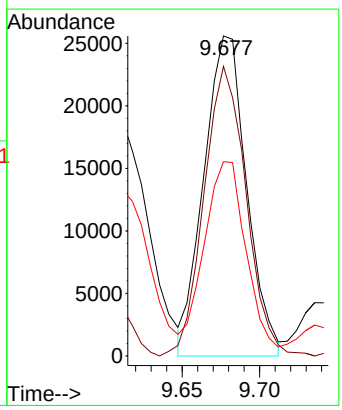
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

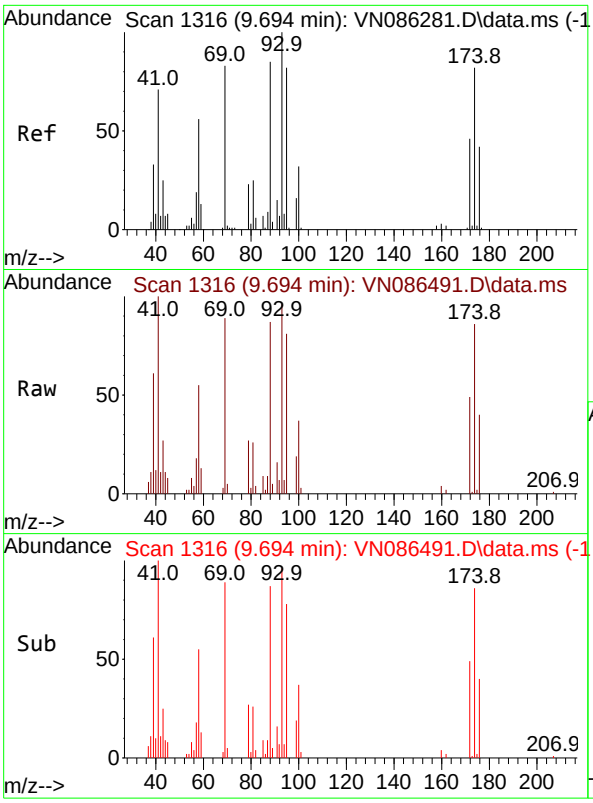


#48
Methyl methacrylate
Concen: 17.712 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 41 Resp: 49116

Ion	Ratio	Lower	Upper
41	100		
69	89.1	68.2	102.2
39	60.3	45.2	67.8

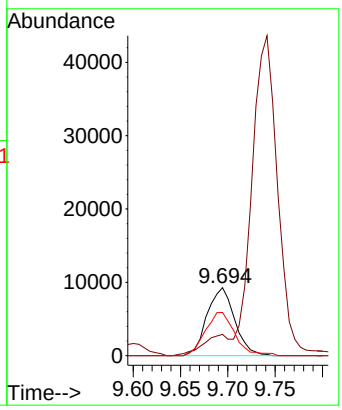




#49
1,4-Dioxane
Concen: 399.585 ug/l
RT: 9.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 88 Resp: 1884

Ion	Ratio	Lower	Upper
88	100		
43	32.5	23.8	35.8
58	68.0	57.4	86.2



Instrument :
MSVOA_N
ClientSampleId :
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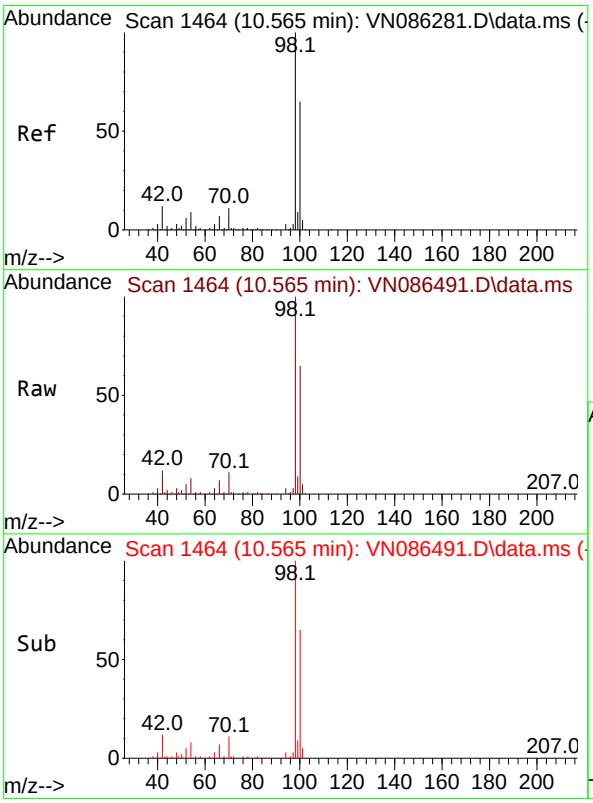
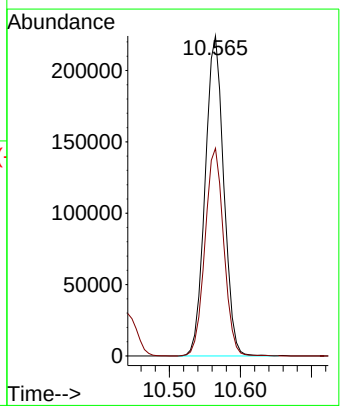
Supervised By :Mahesh Dadoda 05/06/2025

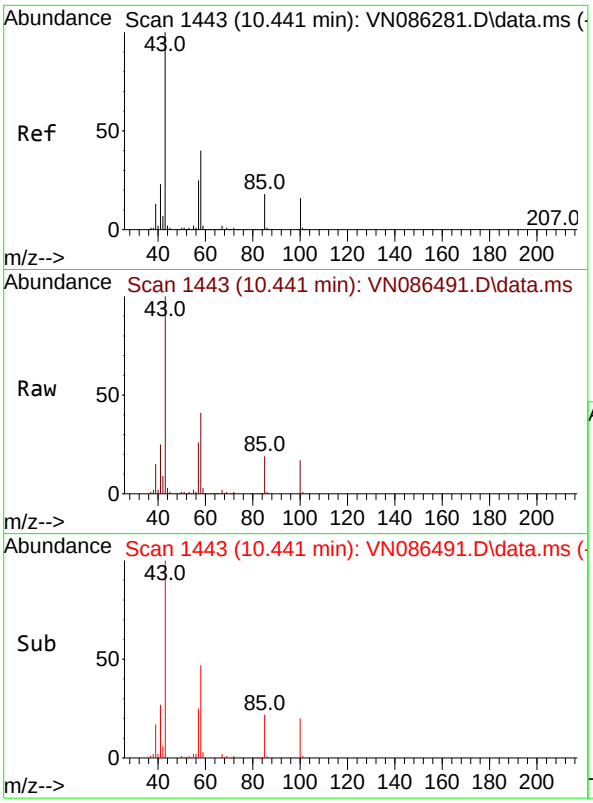


#50
Toluene-d8
Concen: 50.826 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 98 Resp: 407923

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.5	78.7

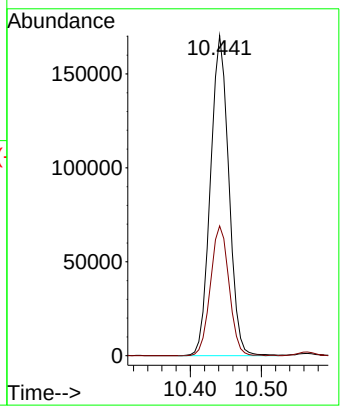




#51
4-Methyl-2-Pentanone
Concen: 94.377 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 30517

Ion	Ratio	Lower	Upper
43	100		
58	41.1	32.2	48.4



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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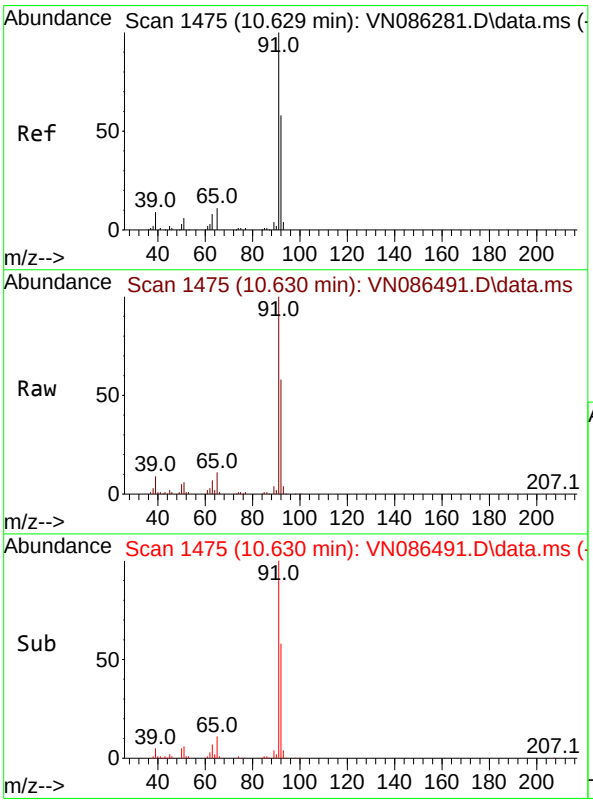
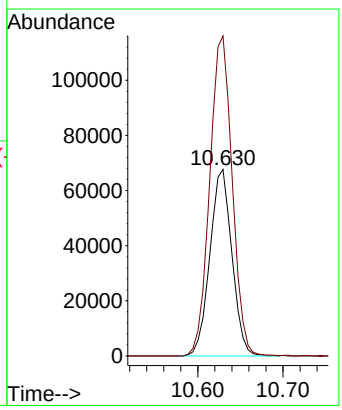
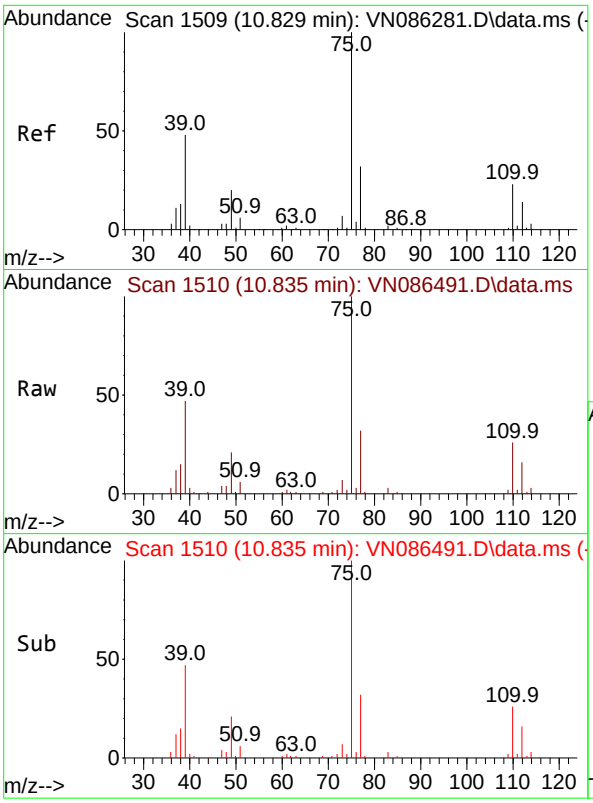


#52
Toluene
Concen: 20.310 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 92 Resp: 121786

Ion	Ratio	Lower	Upper
92	100		
91	175.0	137.3	205.9

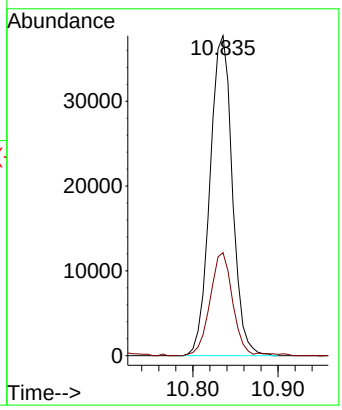




#53
t-1,3-Dichloropropene
Concen: 19.072 ug/l
RT: 10.835 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 75 Resp: 6891

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.0



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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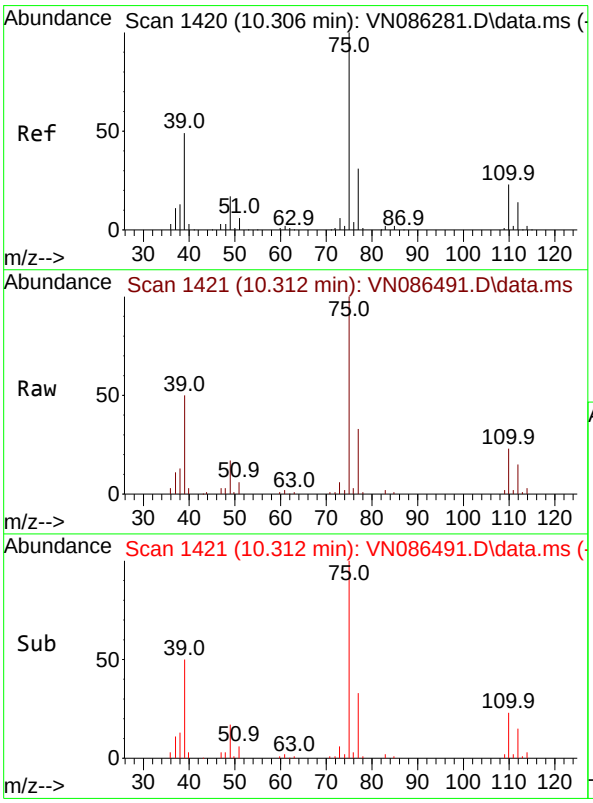
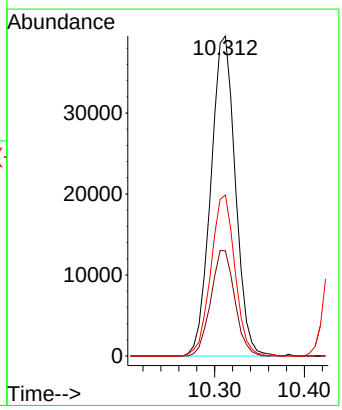
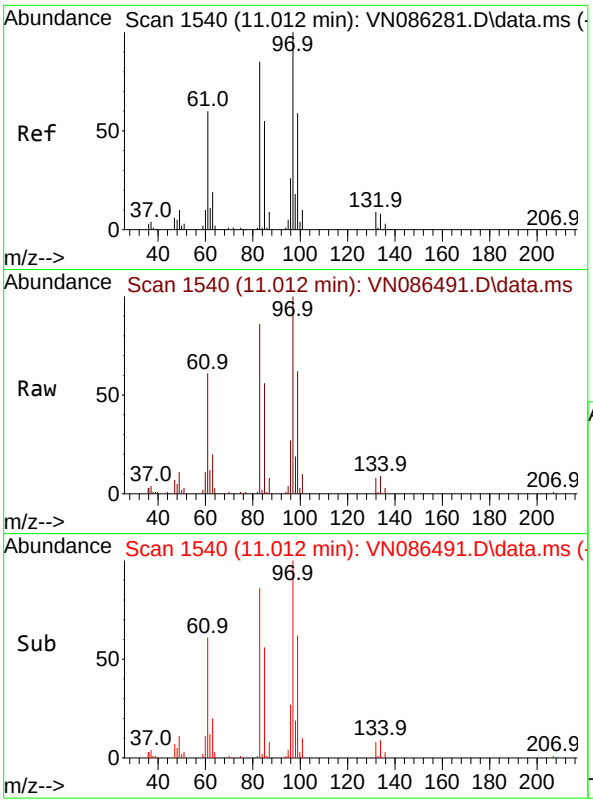


#54
cis-1,3-Dichloropropene
Concen: 18.870 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 75 Resp: 74892

Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.2	37.8
39	50.3	39.3	58.9

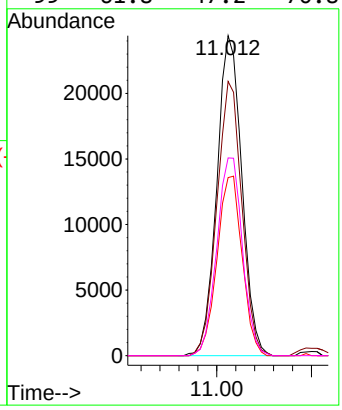




#55
1,1,2-Trichloroethane
Concen: 20.743 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 97 Resp: 4475

Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.4	102.6
85	55.7	43.9	65.9
99	61.8	47.2	70.8



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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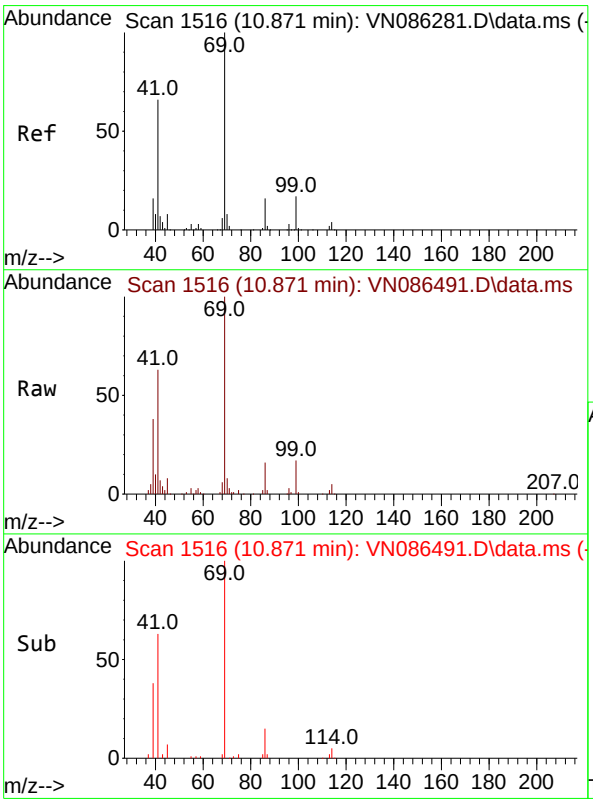
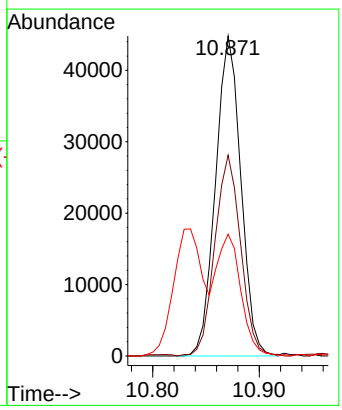
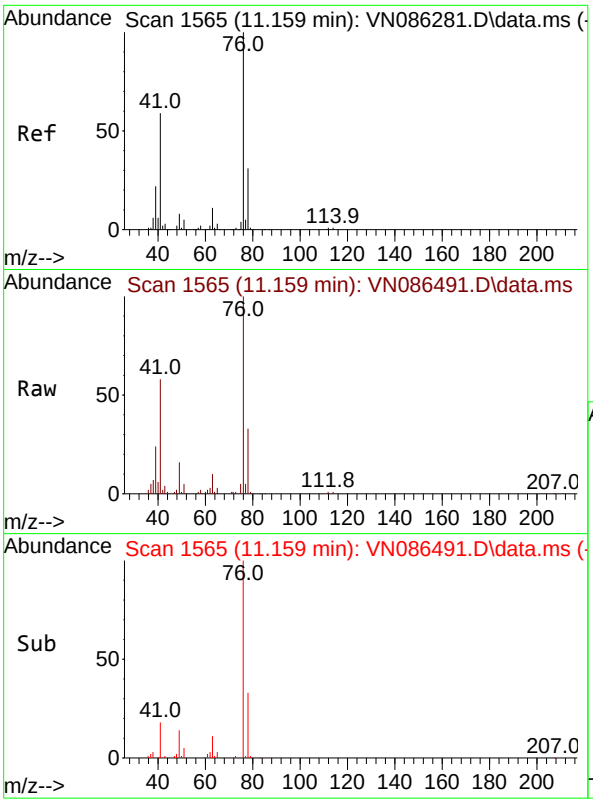


#56
Ethyl methacrylate
Concen: 18.649 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 69 Resp: 73957

Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.7	77.5
39	36.7	26.3	39.5

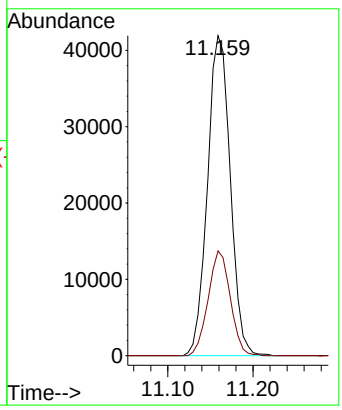




#57
1,3-Dichloropropane
Concen: 20.336 ug/l
RT: 11.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 76 Resp: 7784

Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.6	38.4



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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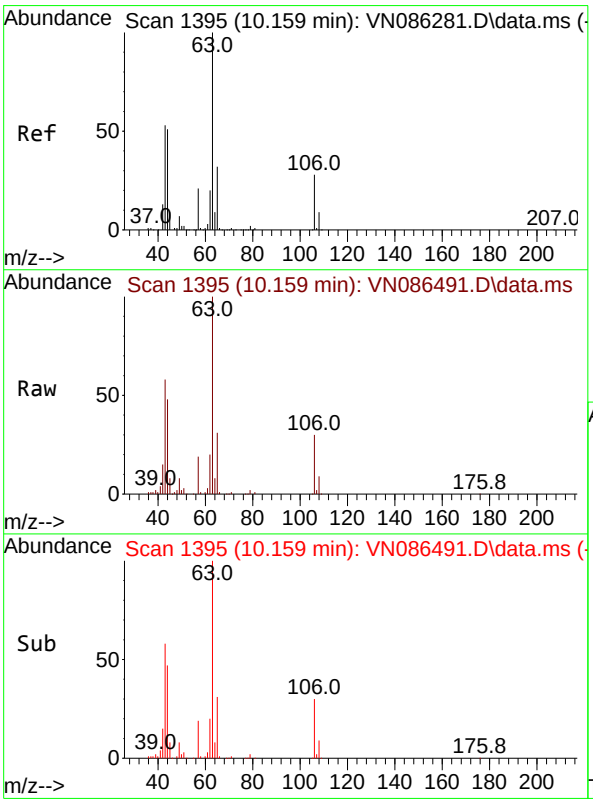
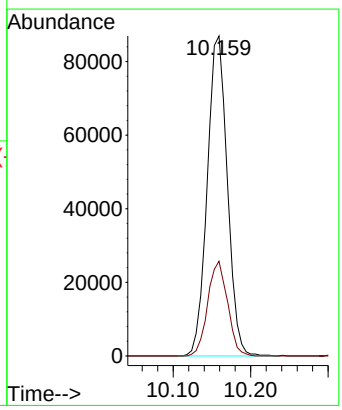
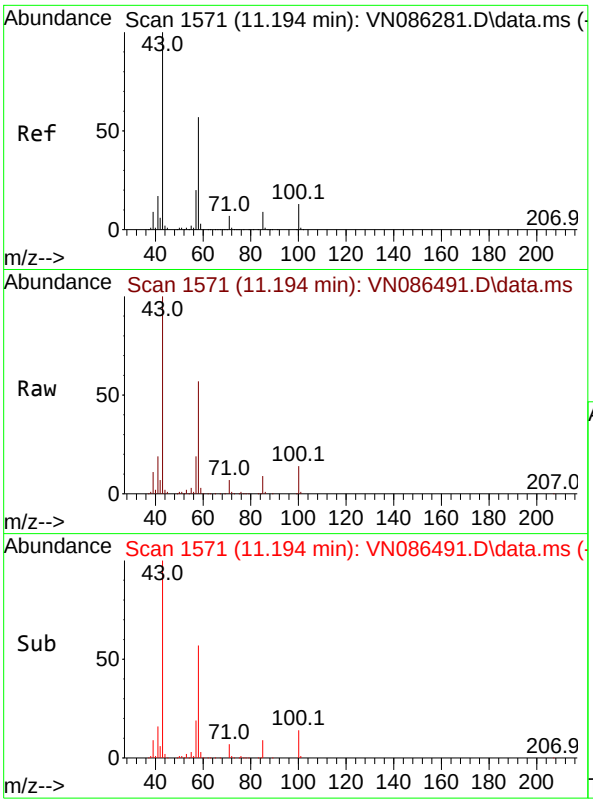


#58
2-Chloroethyl Vinyl ether
Concen: 83.197 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 63 Resp: 156596

Ion	Ratio	Lower	Upper
63	100		
106	29.2	22.2	33.2





#59
2-Hexanone
Concen: 95.155 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 22822

Ion	Ratio	Lower	Upper
43	100		
58	56.6	28.3	85.0

Instrument :
MSVOA_N
ClientSampleId :
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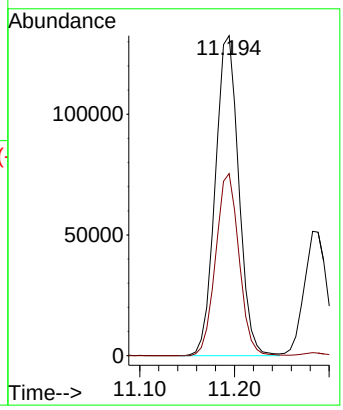
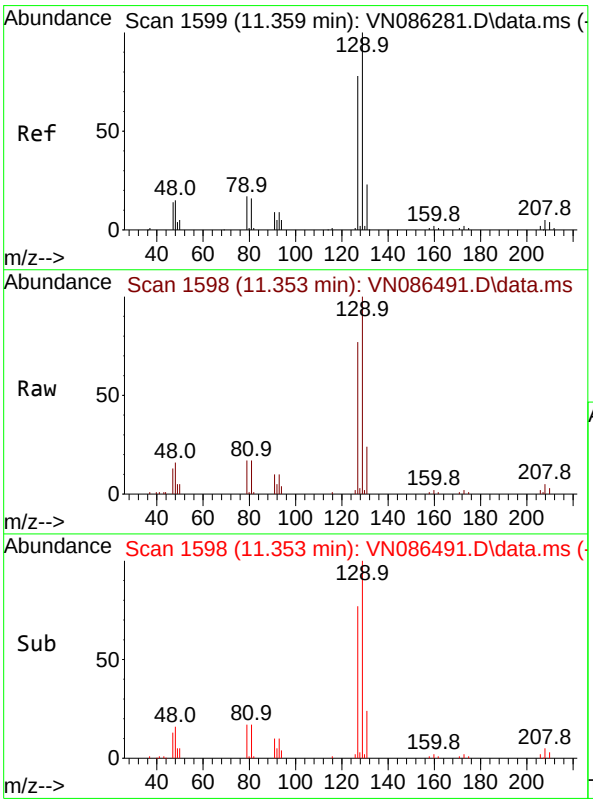
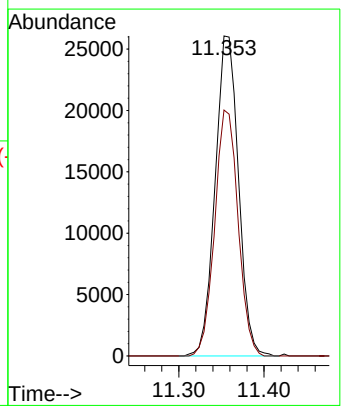


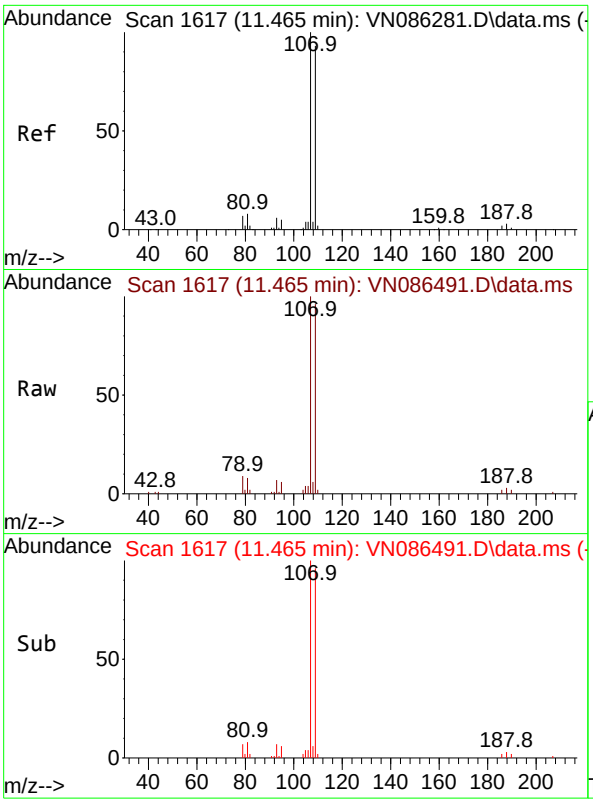


#60
Dibromochloromethane
Concen: 20.940 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:129 Resp: 49609

Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.7	116.1





#61
1,2-Dibromoethane
Concen: 21.000 ug/l
RT: 11.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:107 Resp: 4571

Ion	Ratio	Lower	Upper
107	100		
109	94.6	75.4	113.0

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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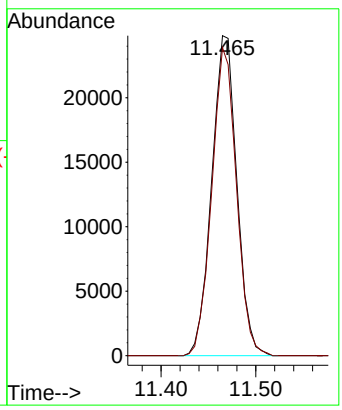
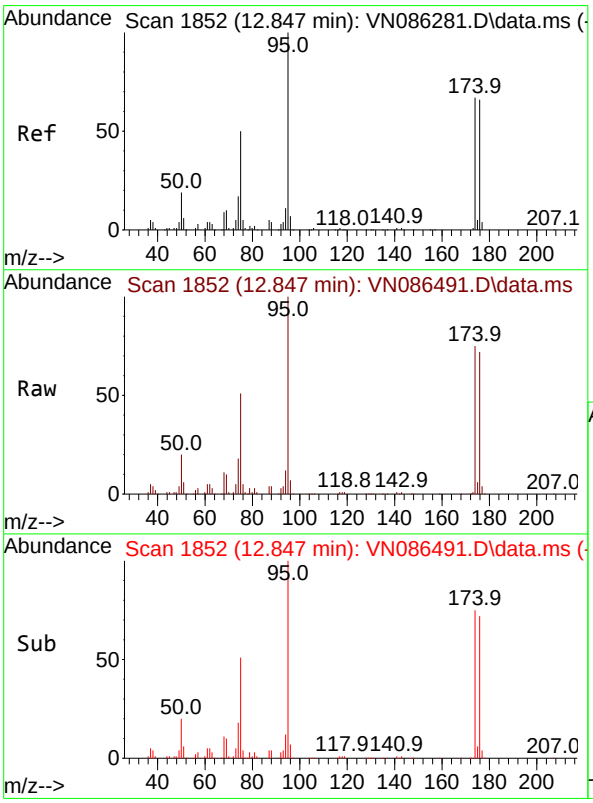
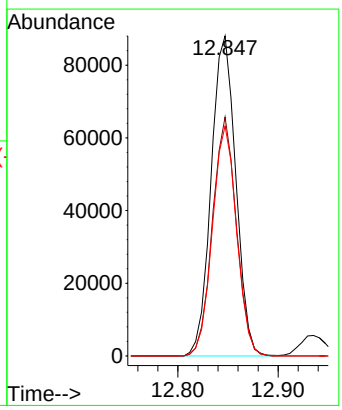


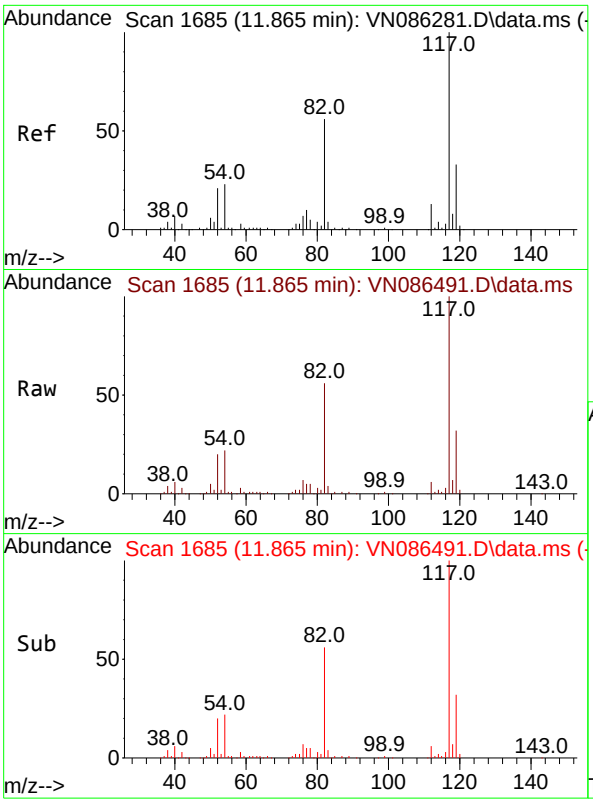


#62
4-Bromofluorobenzene
Concen: 51.310 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 95 Resp: 150202

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	133.4
176	70.4	0.0	129.2

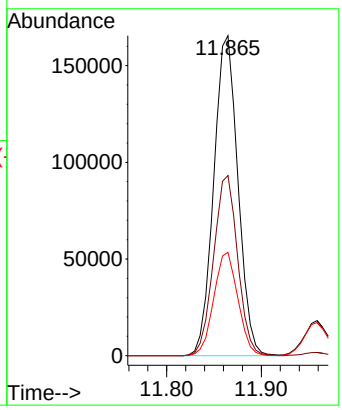




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:117 Resp: 29400

Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.7	67.1
119	32.3	26.4	39.6



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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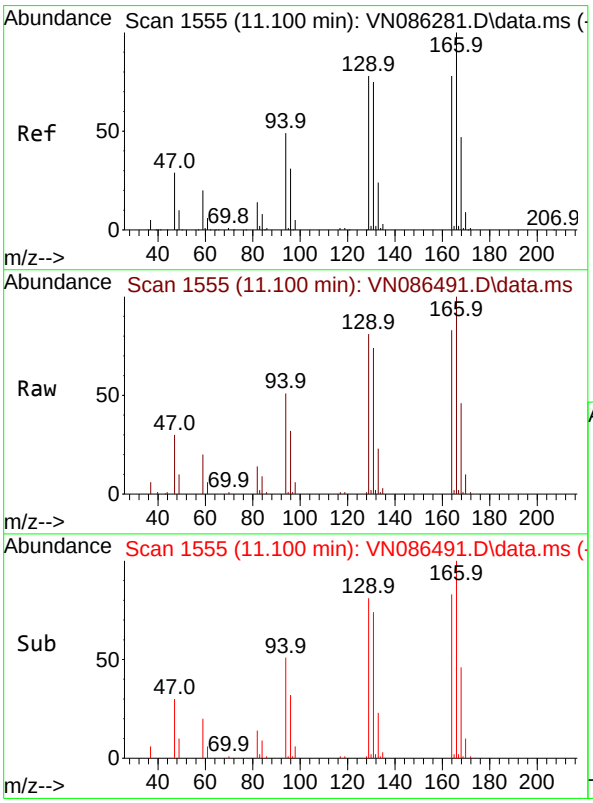
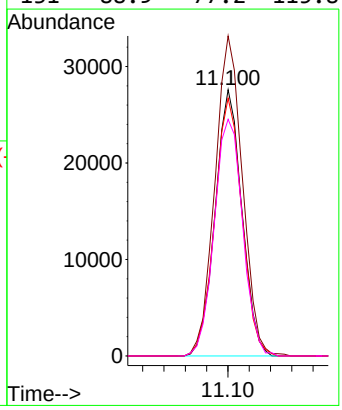
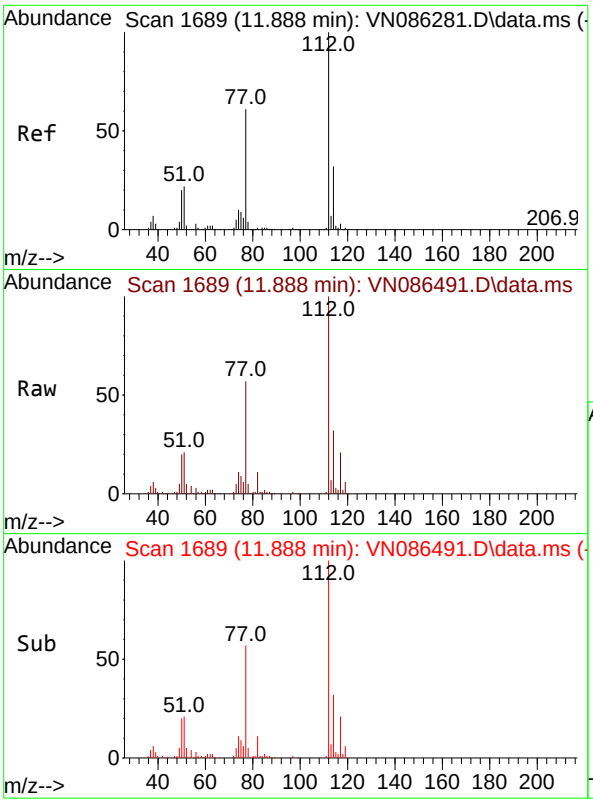


#64
Tetrachloroethene
Concen: 21.289 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:164 Resp: 48146

Ion	Ratio	Lower	Upper
164	100		
166	120.2	103.0	154.4
129	96.8	80.1	120.1
131	88.9	77.2	115.8

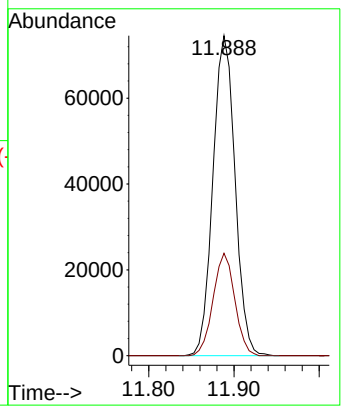




#65
Chlorobenzene
Concen: 20.492 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:112 Resp: 13445

Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.0



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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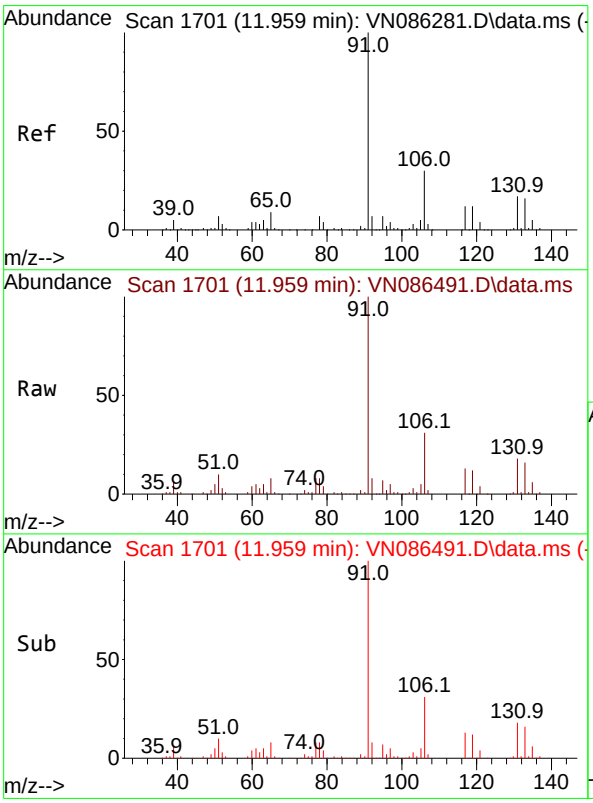
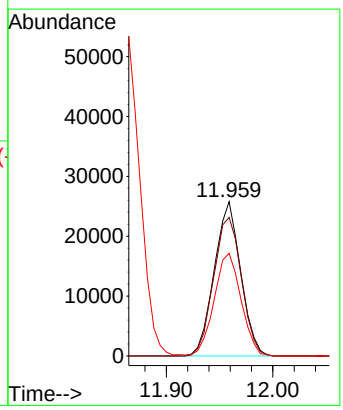
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

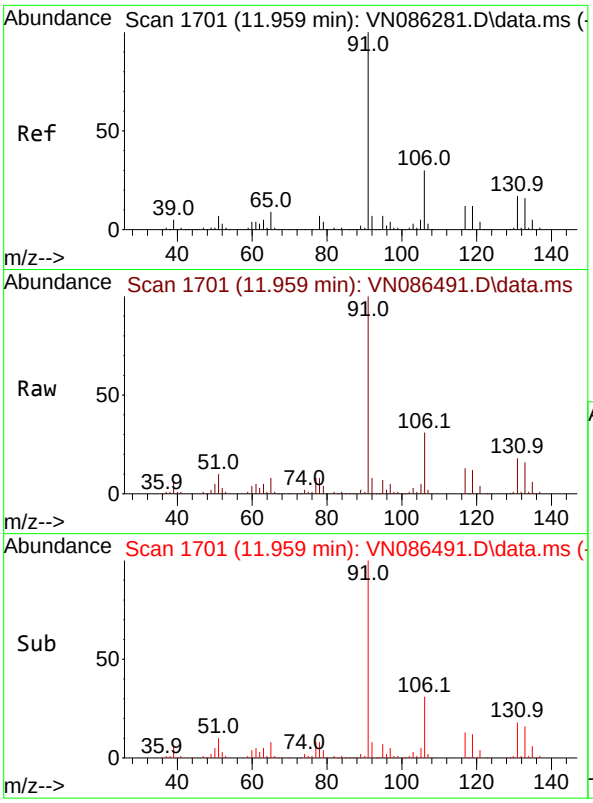


#66
1,1,1,2-Tetrachloroethane
Concen: 20.485 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:131 Resp: 44341

Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.1	141.3
119	67.8	33.8	101.4

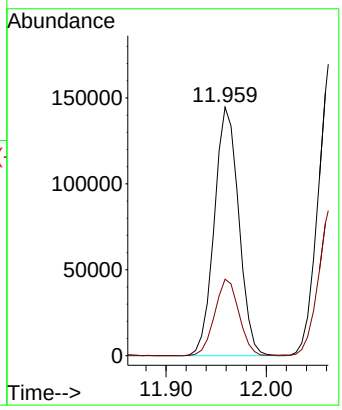




#67
Ethyl Benzene
Concen: 20.606 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 91 Resp: 24397

Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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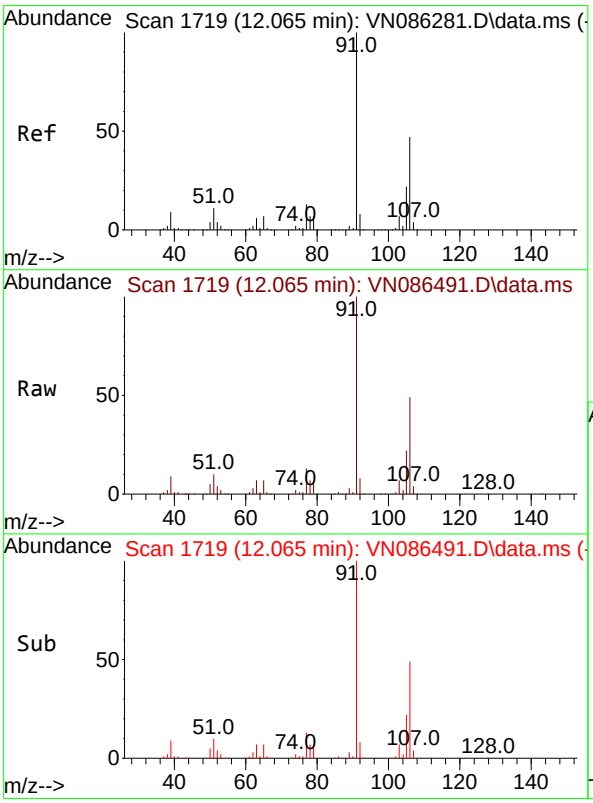
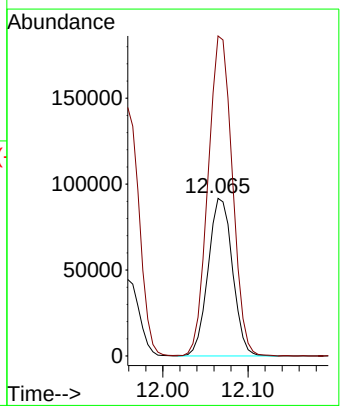
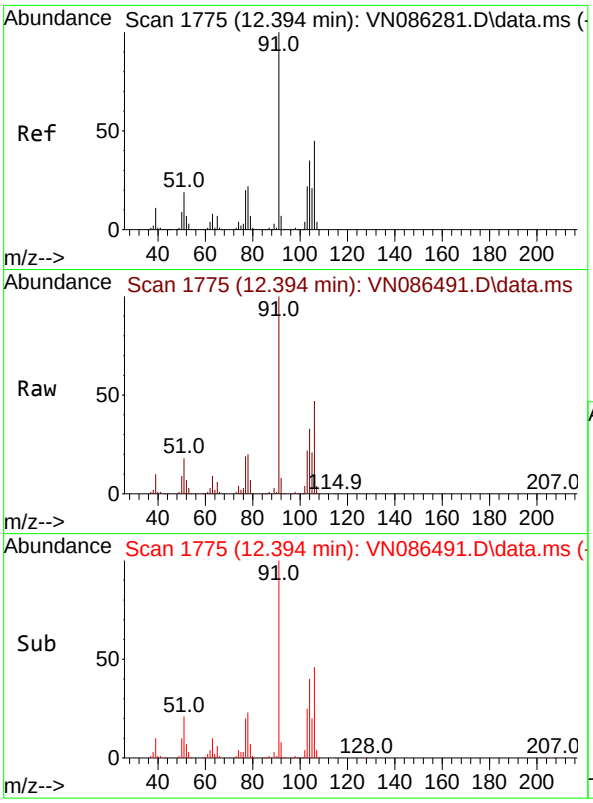


#68
m/p-Xylenes
Concen: 41.161 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:106 Resp: 182606

Ion	Ratio	Lower	Upper
106	100		
91	202.7	166.5	249.7





#69
o-Xylene
Concen: 20.458 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:106 Resp: 8975

Ion	Ratio	Lower	Upper
106	100		
91	214.2	109.7	329.0

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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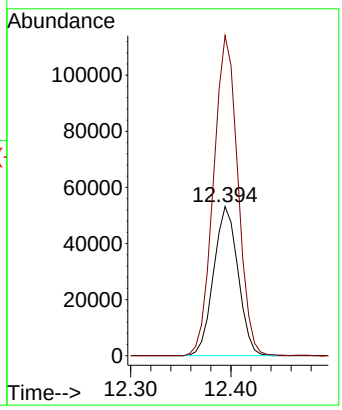
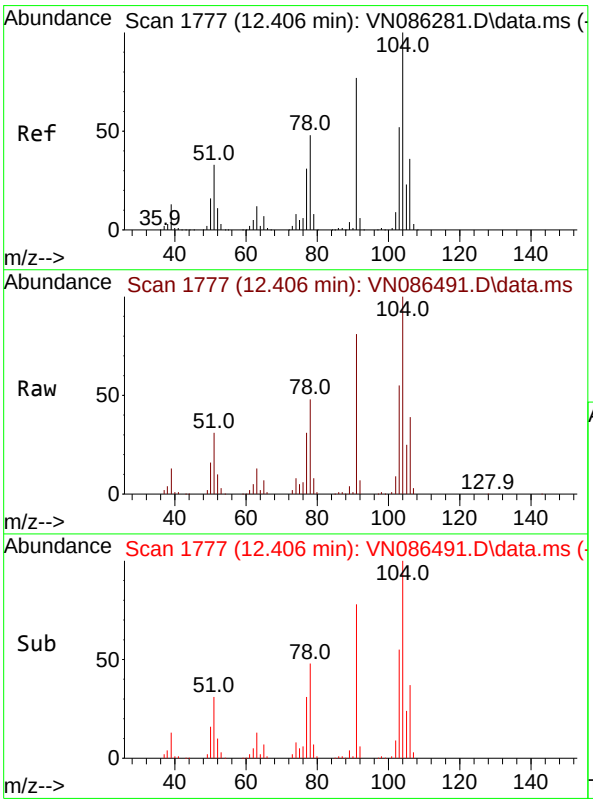
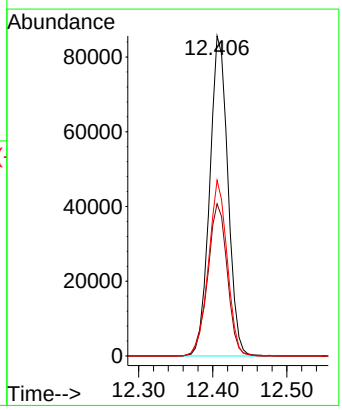


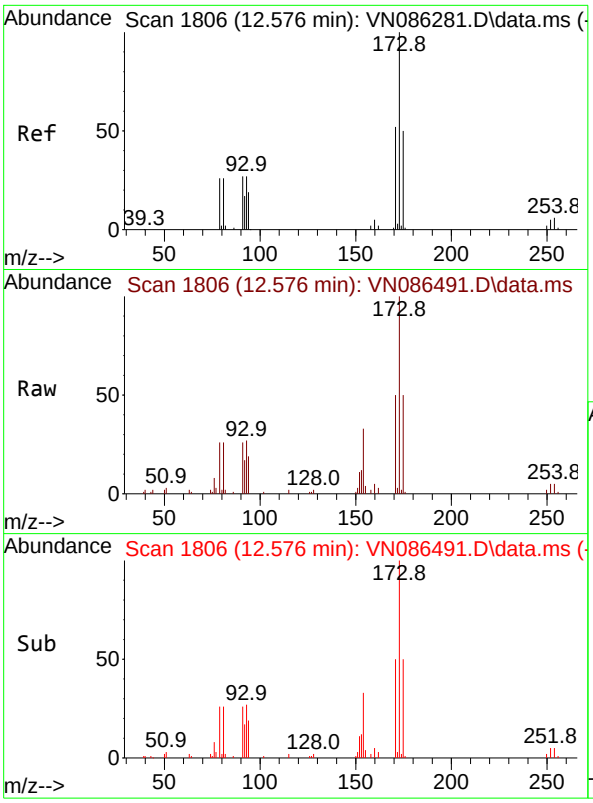


#70
Styrene
Concen: 19.987 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:104 Resp: 146108

Ion	Ratio	Lower	Upper
104	100		
78	51.0	40.6	61.0
103	56.4	43.6	65.4

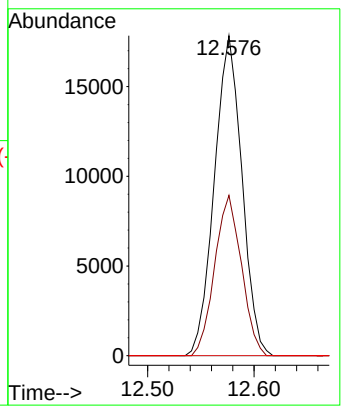




#71
Bromoform
Concen: 19.671 ug/l
RT: 12.576 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:173 Resp: 3205

Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
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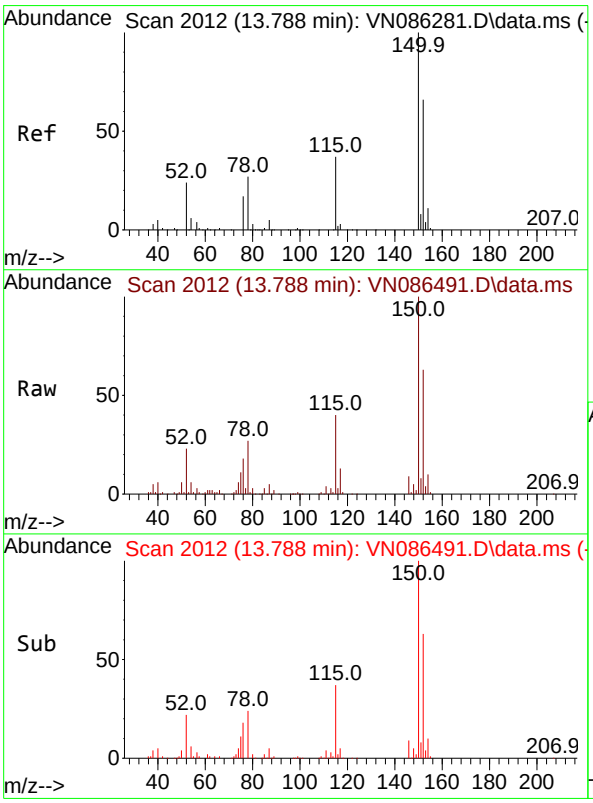
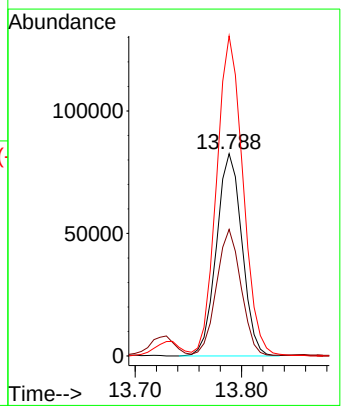
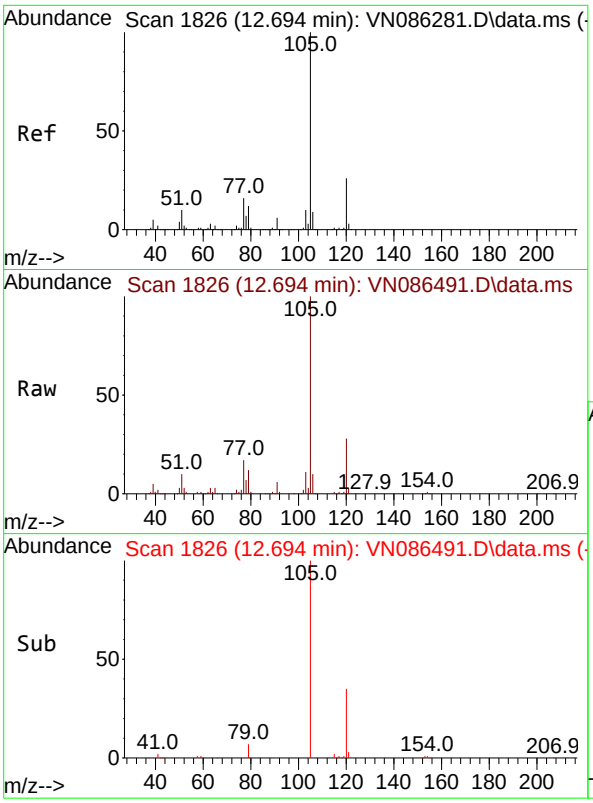


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:152 Resp: 137470

Ion	Ratio	Lower	Upper
152	100		
115	59.6	31.9	95.9
150	163.6	0.0	352.0

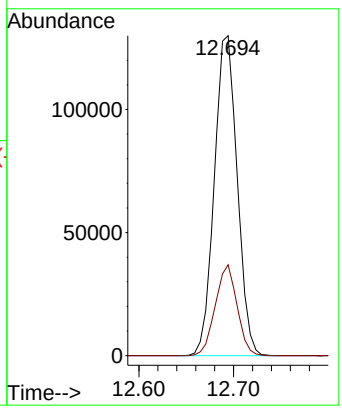




#73
Isopropylbenzene
Concen: 19.432 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:105 Resp: 21851

Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.1	39.3



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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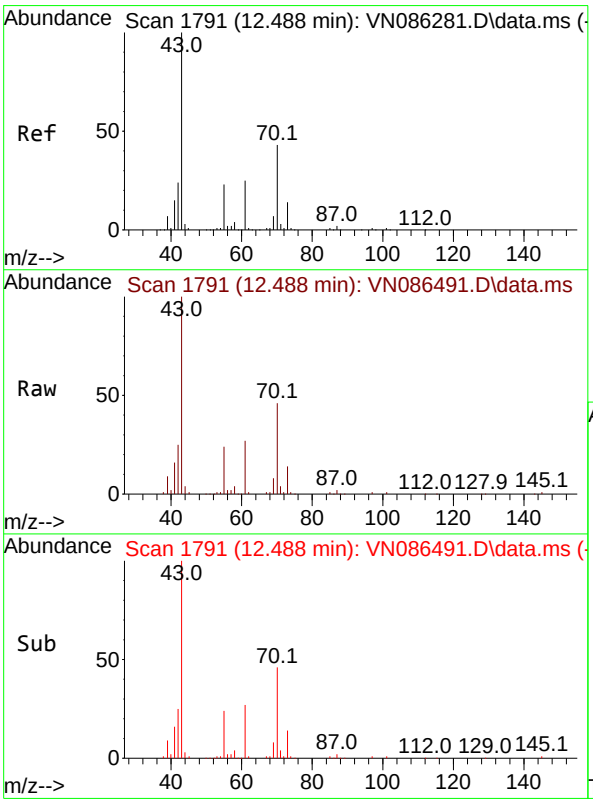
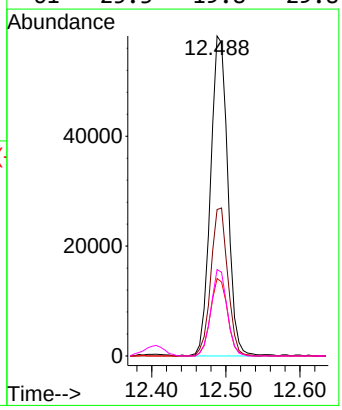
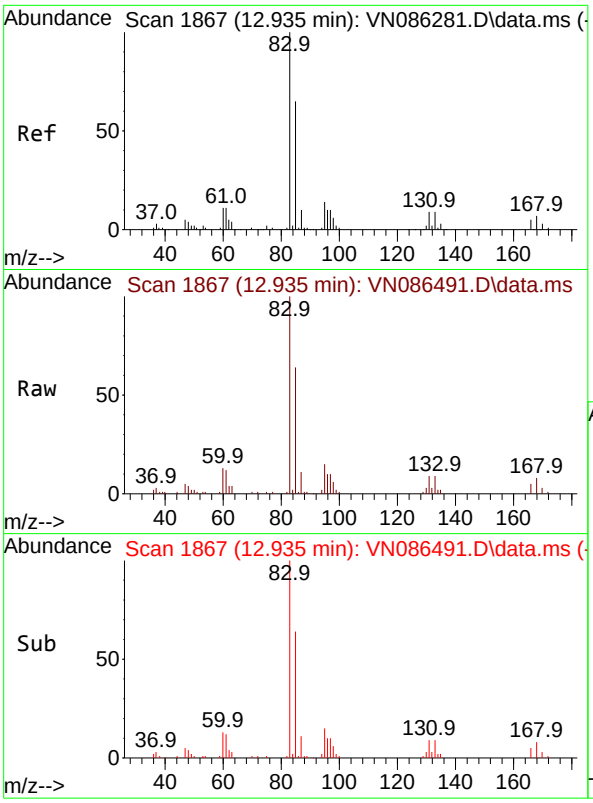


#74
N-amyl acetate
Concen: 16.792 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 43 Resp: 94007

Ion	Ratio	Lower	Upper
43	100		
70	45.3	35.0	52.4
55	23.9	19.0	28.4
61	25.3	19.8	29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.570 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 83 Resp: 6327

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.7	14.1
85	65.1	32.7	98.1

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
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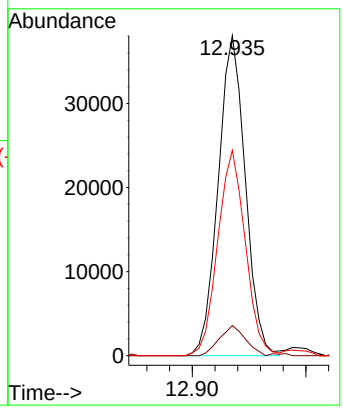
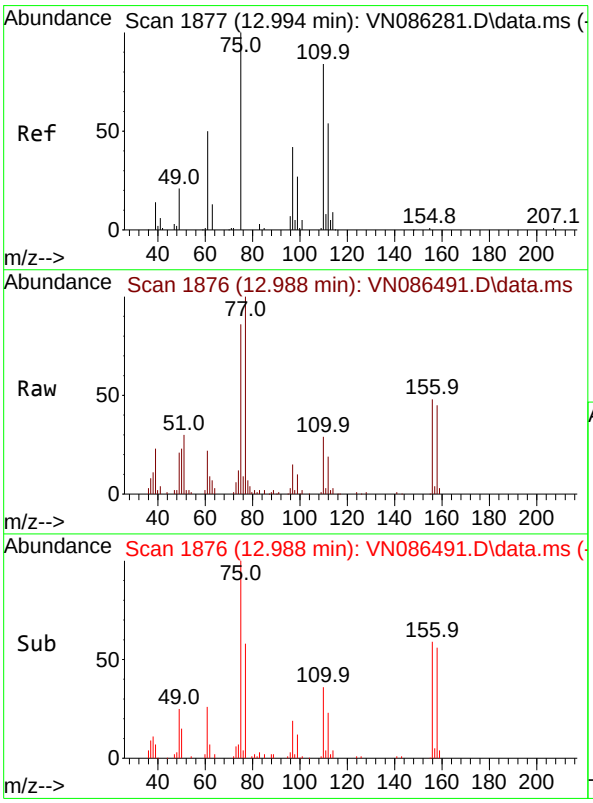
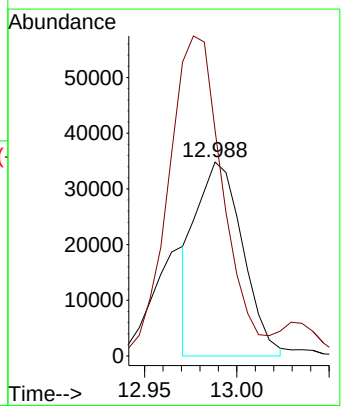


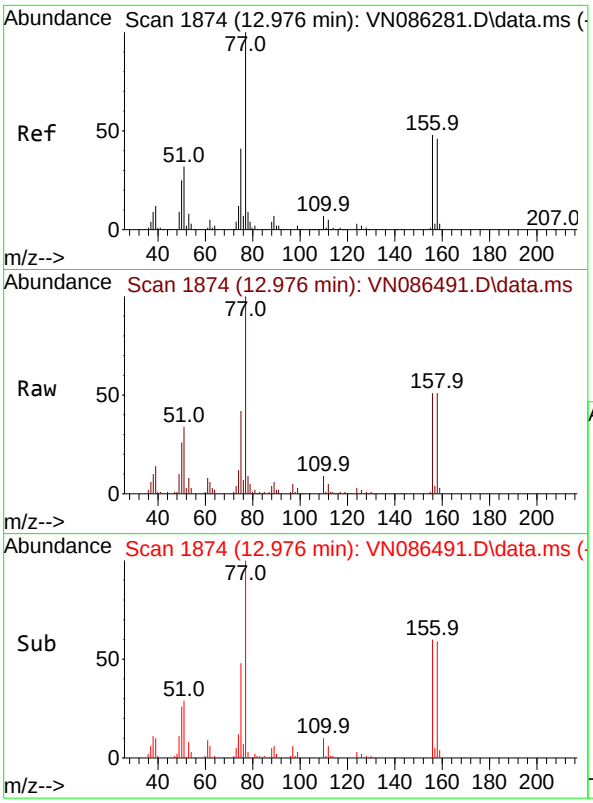


#76
1,2,3-Trichloropropane
Concen: 18.926 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 75 Resp: 61399

Ion	Ratio	Lower	Upper
75	100		
77	192.1	98.8	296.4

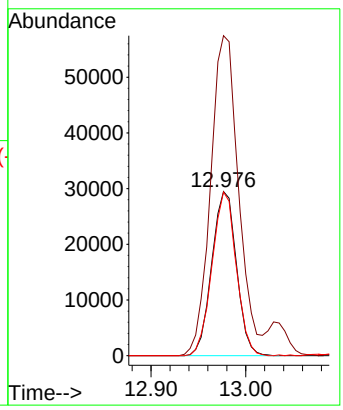




#77
Bromobenzene
Concen: 21.389 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:156 Resp: 5329

Ion	Ratio	Lower	Upper
156	100		
77	221.3	121.1	363.1
158	97.9	47.9	143.6



Instrument :
MSVOA_N
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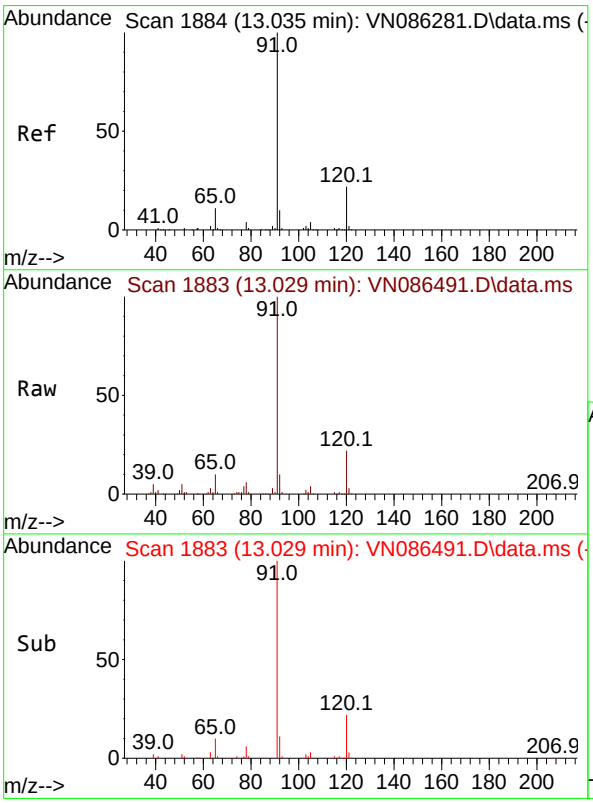
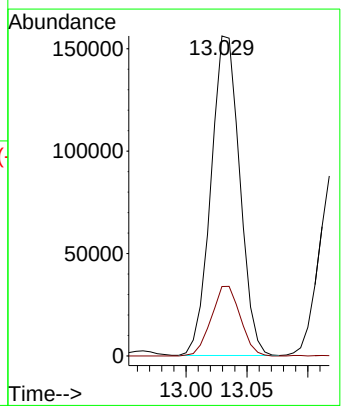
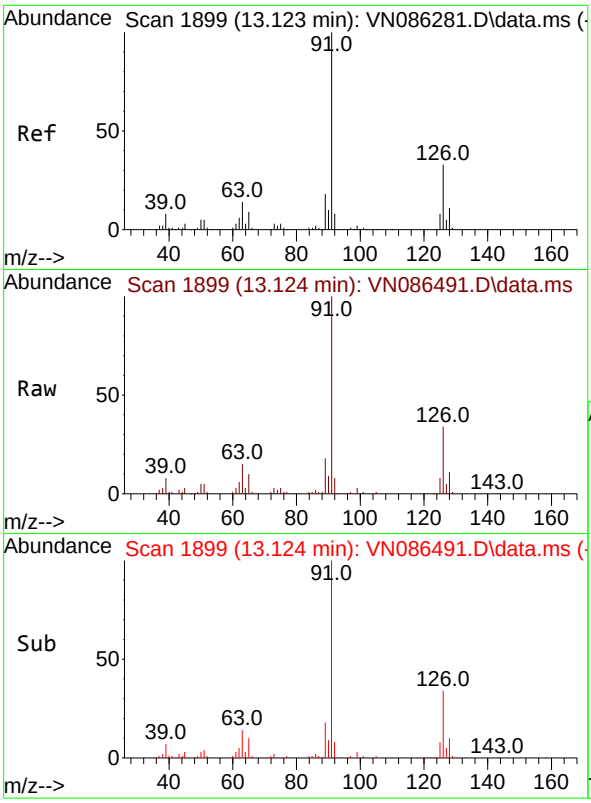


#78
n-propylbenzene
Concen: 19.337 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 91 Resp: 256242

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3

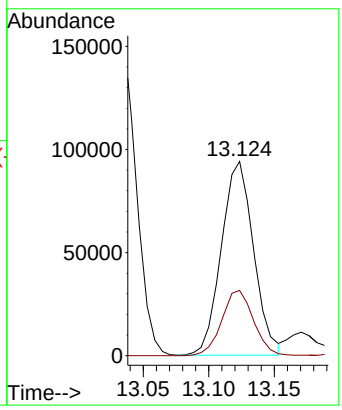




#79
2-Chlorotoluene
Concen: 19.382 ug/l
RT: 13.124 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 91 Resp: 16071

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.1	48.2



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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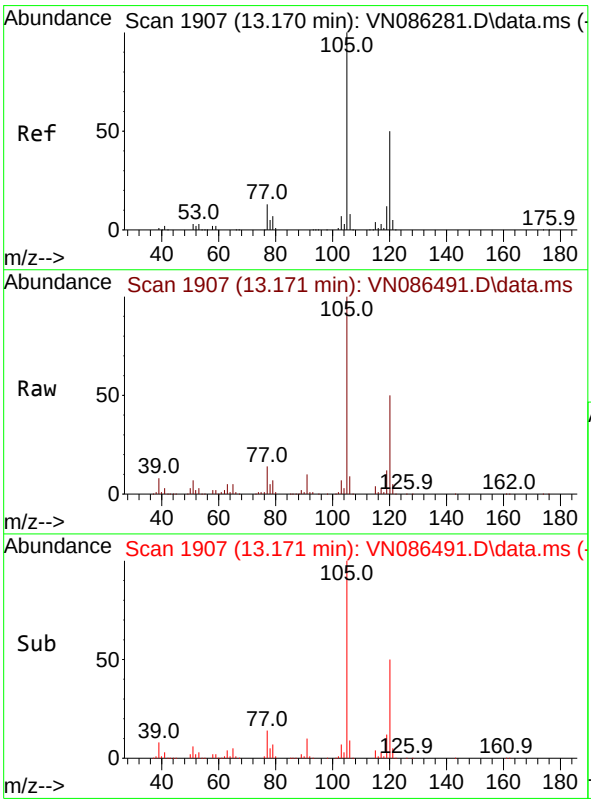
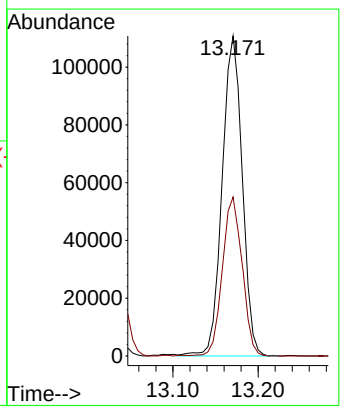
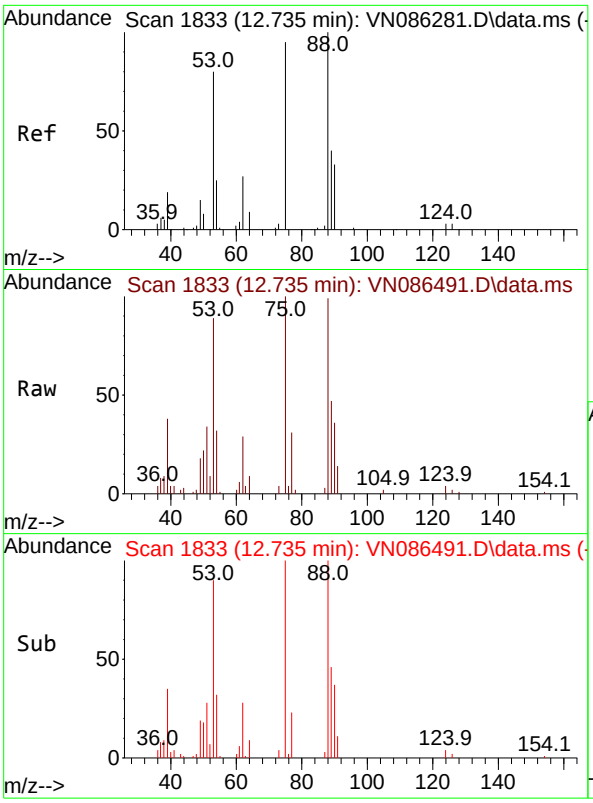


#80
1,3,5-Trimethylbenzene
Concen: 19.702 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:105 Resp: 181334

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.192 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 75 Resp: 2322

Ion	Ratio	Lower	Upper
75	100		
53	93.4	79.2	118.8
89	43.5	35.7	53.5

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

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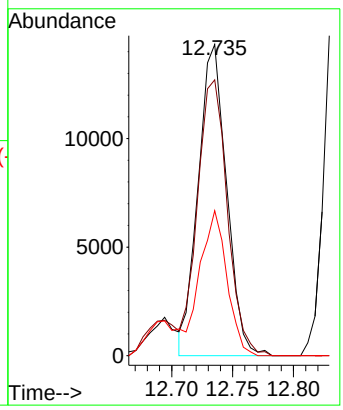
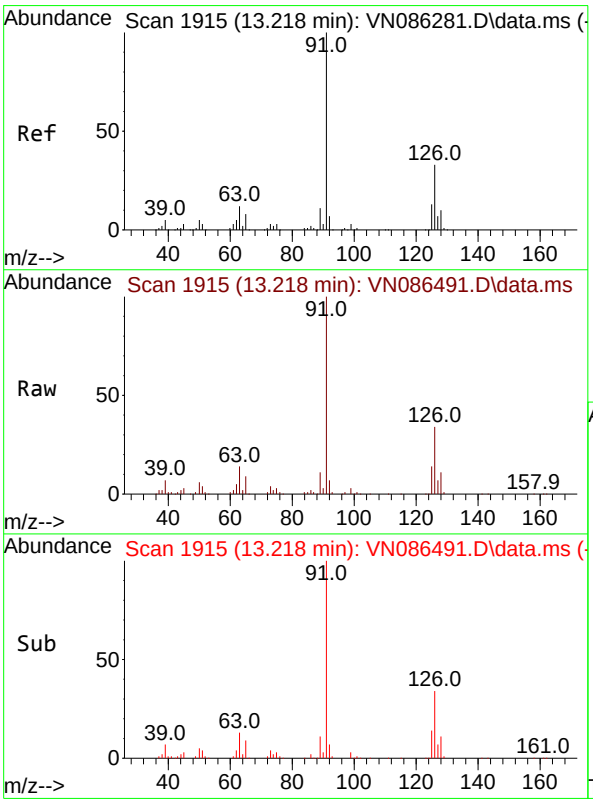
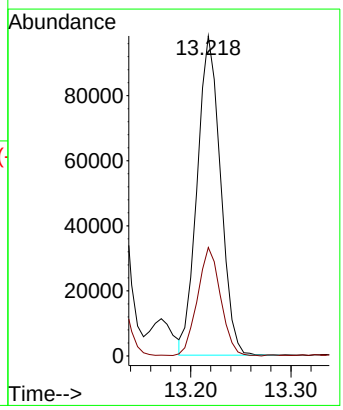


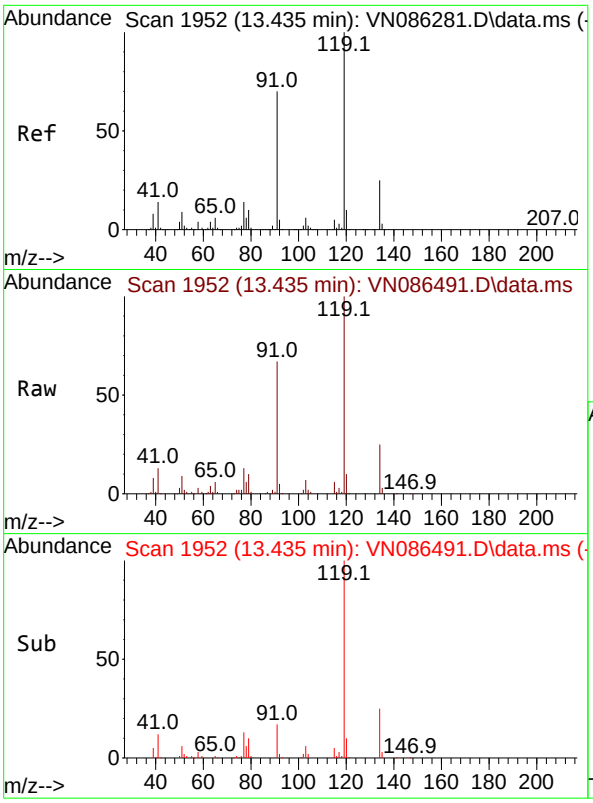


#82
4-Chlorotoluene
Concen: 19.265 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 91 Resp: 158679

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.2	48.6





#83
tert-Butylbenzene
Concen: 19.719 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

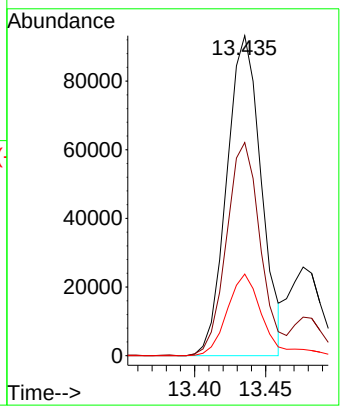
Tgt Ion:119 Resp: 15726

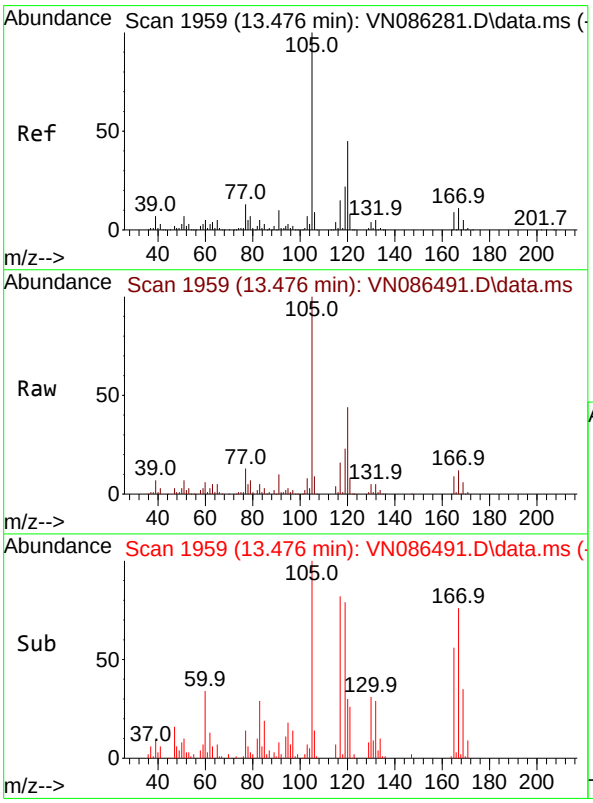
Ion	Ratio	Lower	Upper
119	100		
91	66.1	34.4	103.3
134	26.4	13.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

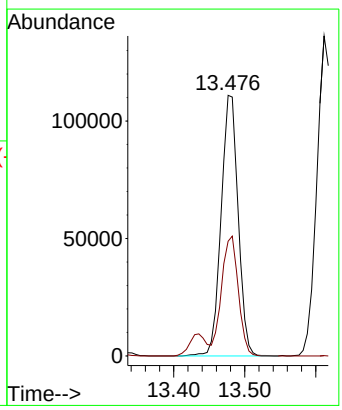


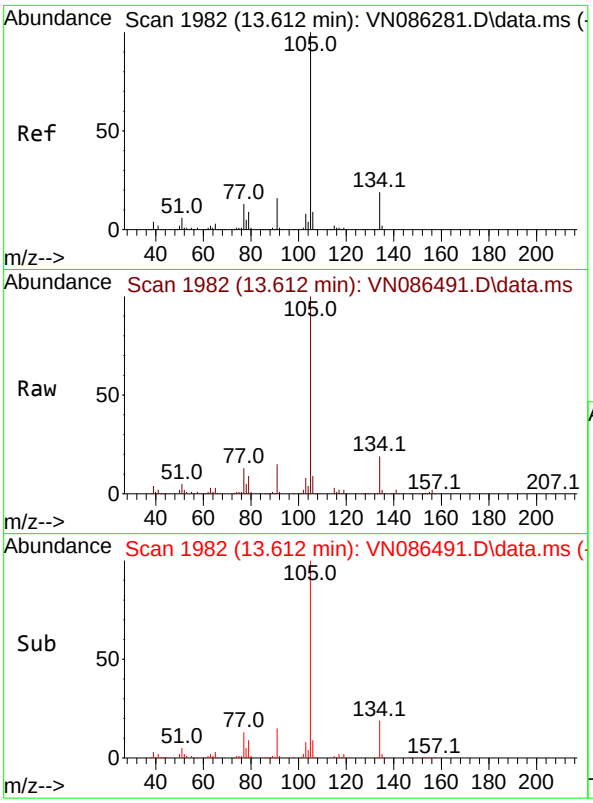


#84
1,2,4-Trimethylbenzene
Concen: 19.645 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:105 Resp: 184046

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.3

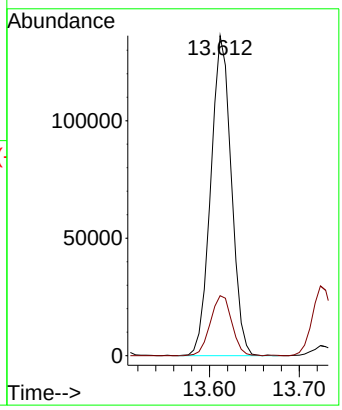




#85
sec-Butylbenzene
Concen: 19.551 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:105 Resp: 21627

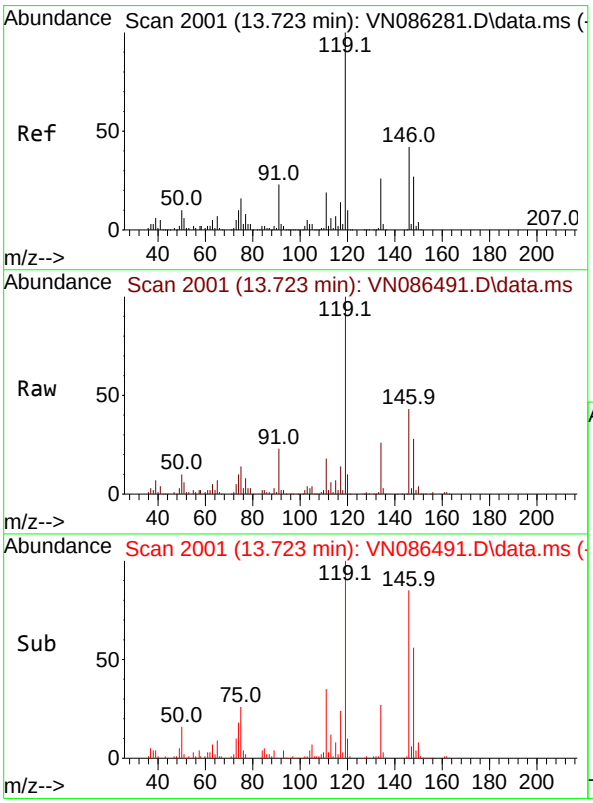
Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.7	29.1



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

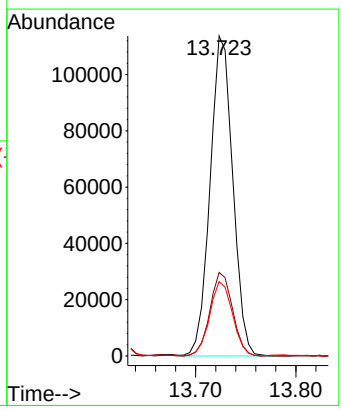
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

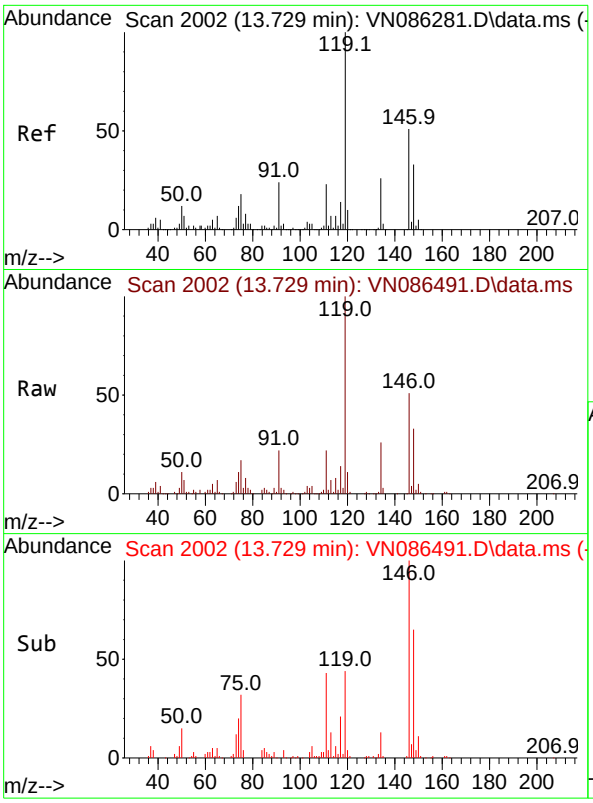


#86
p-Isopropyltoluene
Concen: 19.601 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:119 Resp: 178716

Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.1
91	23.5	11.9	35.9

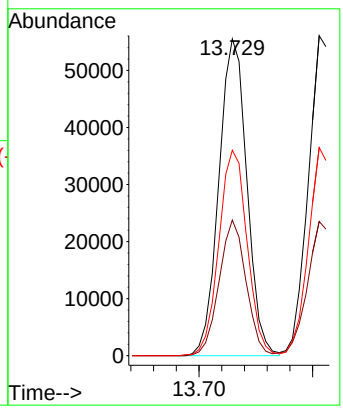




#87
1,3-Dichlorobenzene
Concen: 20.319 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:146 Resp: 9517

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.9	65.7
148	65.5	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
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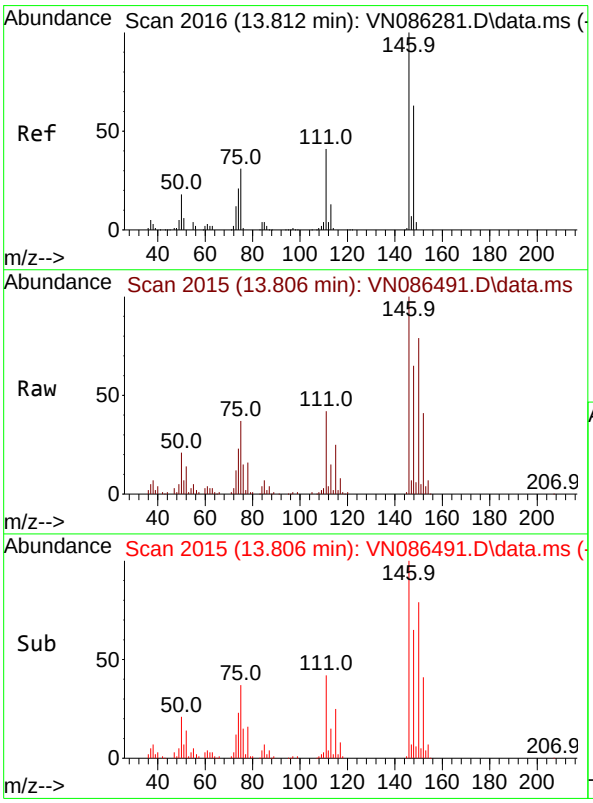
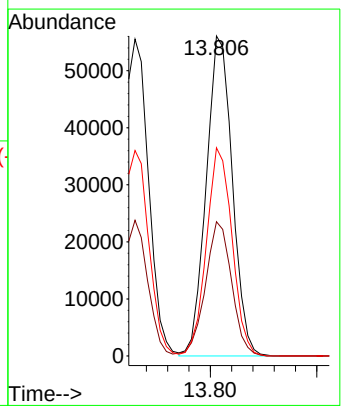
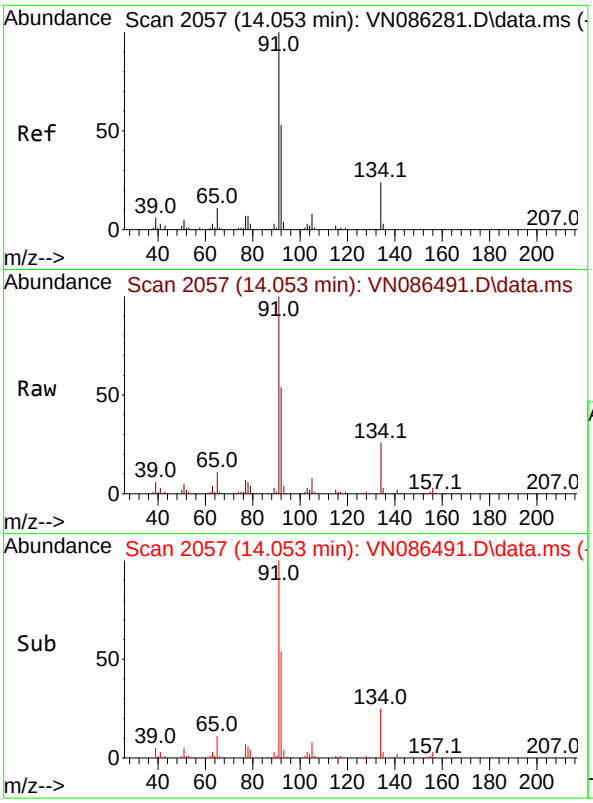


#88
1,4-Dichlorobenzene
Concen: 20.223 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:146 Resp: 95409

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	64.1	31.9	95.9

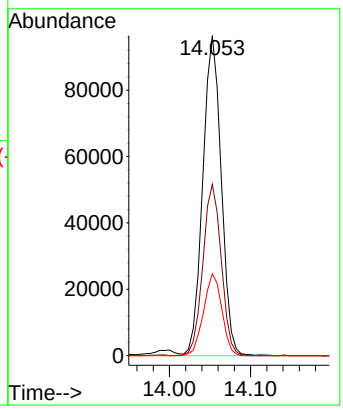




#89
n-Butylbenzene
Concen: 18.842 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 91 Resp: 15227

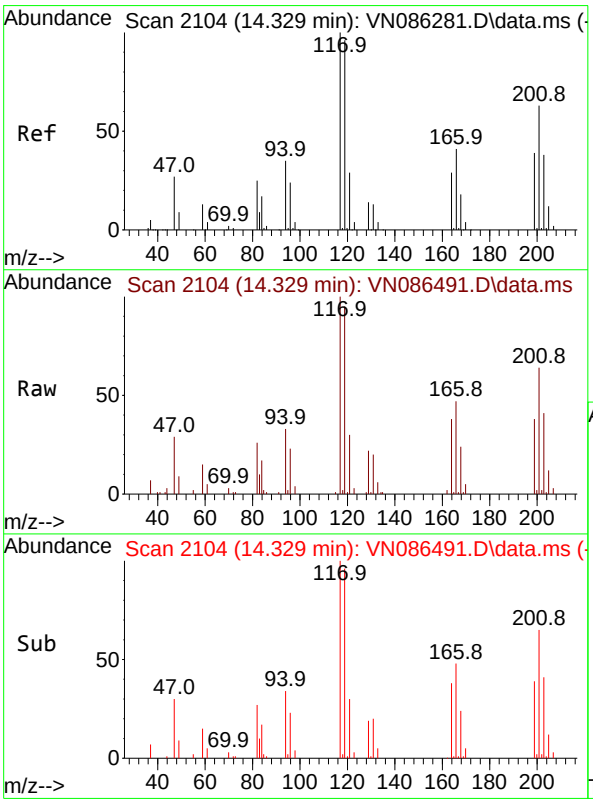
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.4
134	25.4	12.2	36.6



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

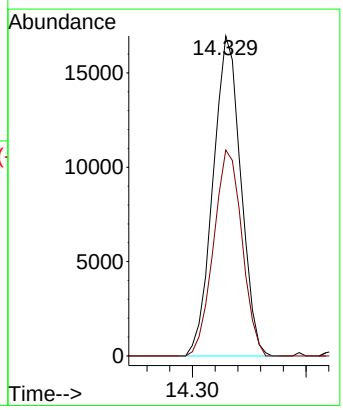
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

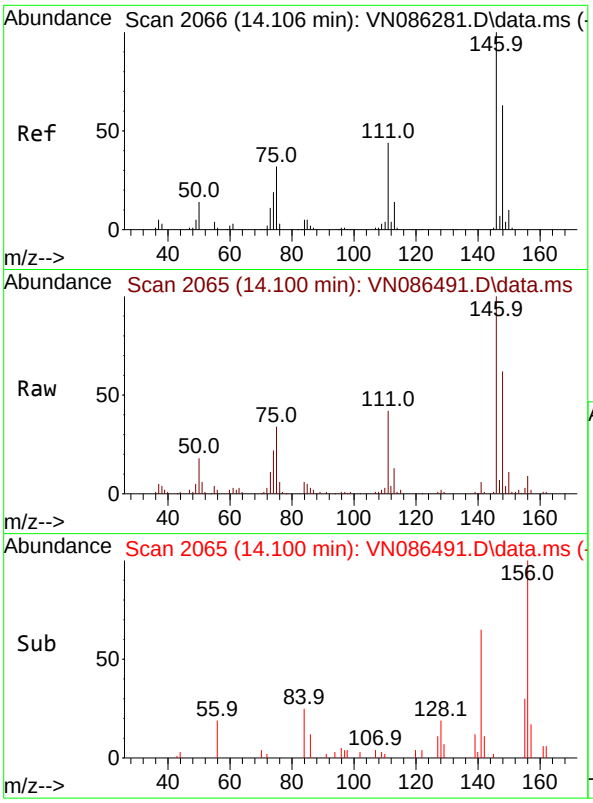


#90
Hexachloroethane
Concen: 18.743 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:117 Resp: 28745

Ion	Ratio	Lower	Upper
117	100		
201	66.0	31.4	94.2

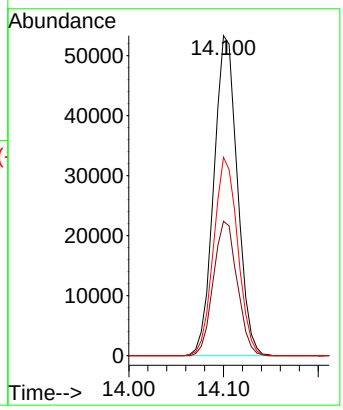




#91
1,2-Dichlorobenzene
Concen: 20.279 ug/l
RT: 14.100 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:146 Resp: 9209

Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.4	67.0
148	63.5	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/06/2025
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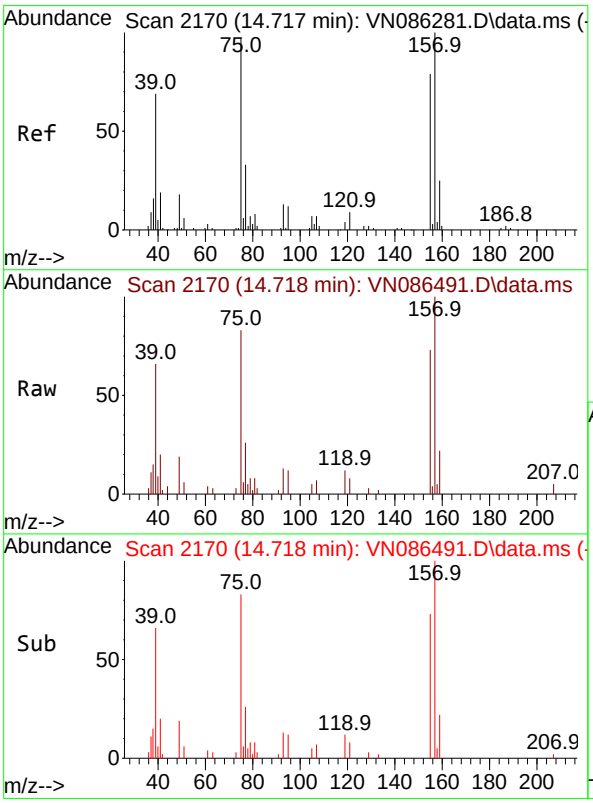
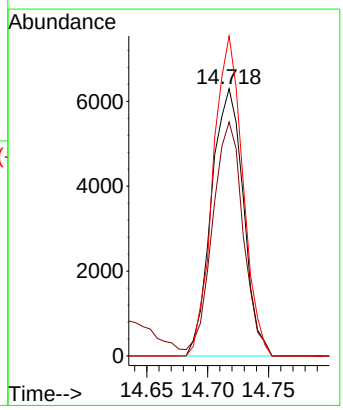
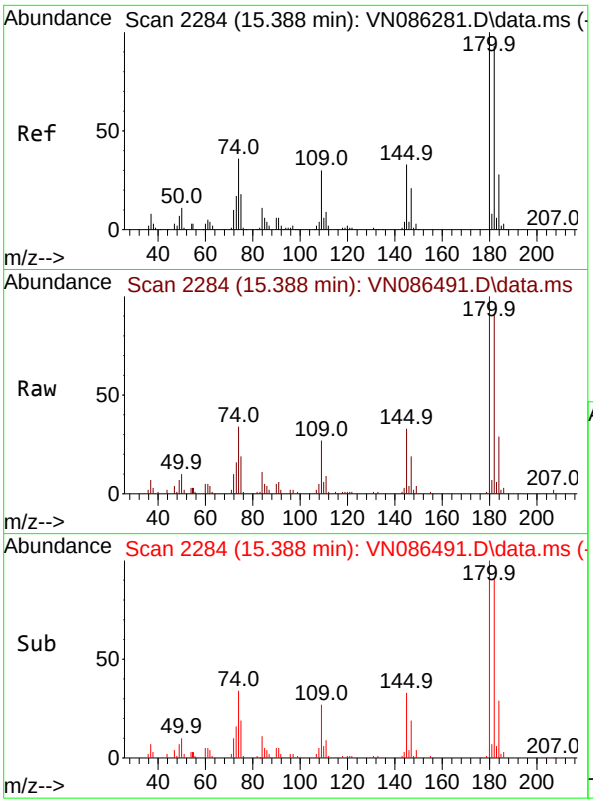


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.590 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion: 75 Resp: 11468

Ion	Ratio	Lower	Upper
75	100		
155	84.2	40.3	120.9
157	111.9	49.0	147.2





#93
1,2,4-Trichlorobenzene
Concen: 18.943 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

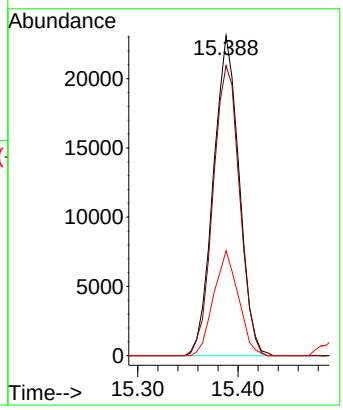
Tgt Ion:180 Resp: 4119

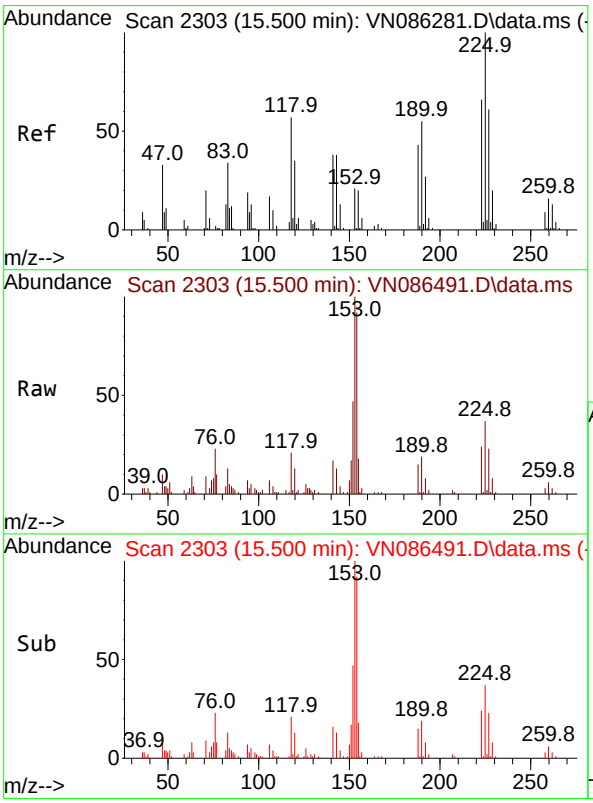
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.0	141.0
145	31.6	16.4	49.1

Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025

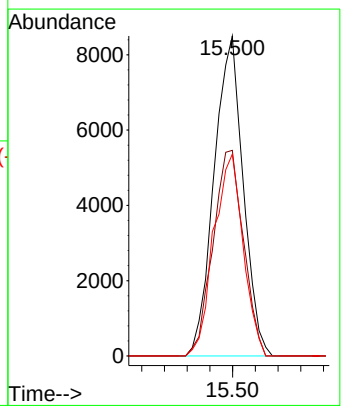


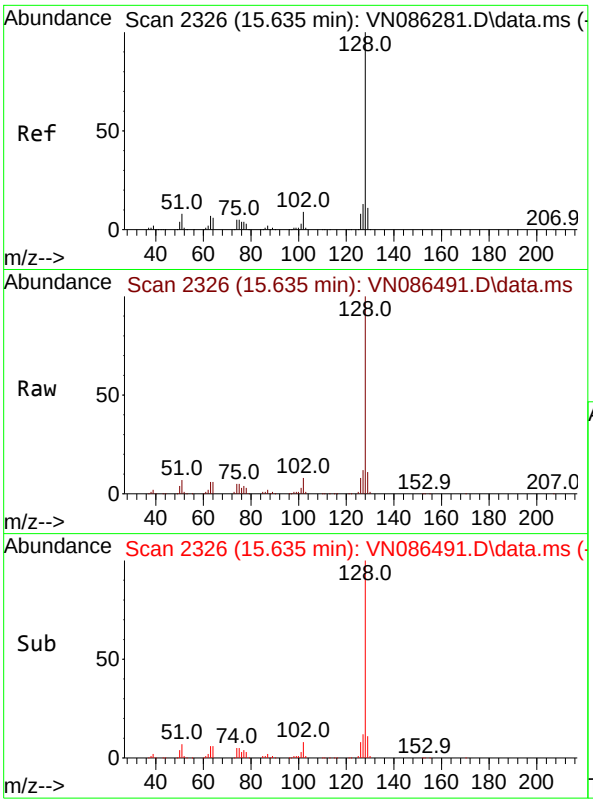


#94
Hexachlorobutadiene
Concen: 18.414 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:225 Resp: 15115

Ion	Ratio	Lower	Upper
225	100		
223	67.4	32.8	98.3
227	63.5	31.4	94.0

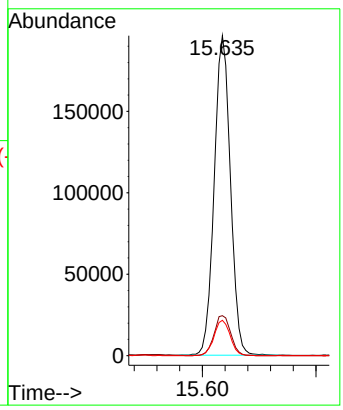




#95
Naphthalene
Concen: 50.390 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:128 Resp: 38842

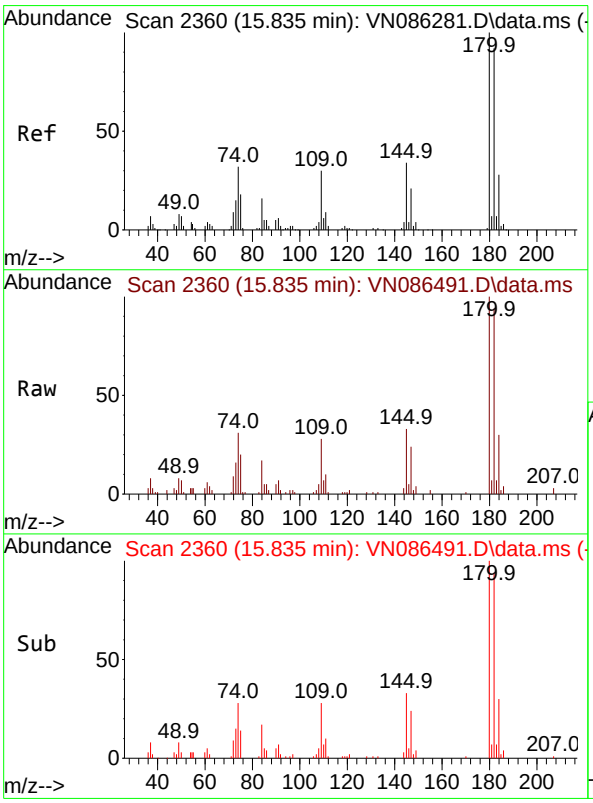
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VN0505MBS01

Manual Integrations
APPROVED

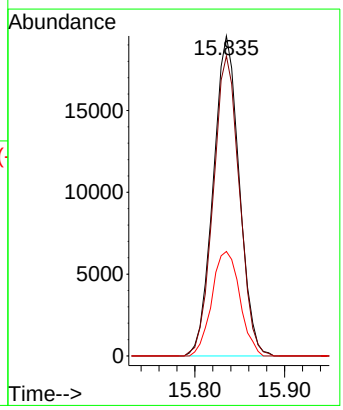
Reviewed By :John Carlone 05/06/2025
Supervised By :Mahesh Dadoda 05/06/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.094 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086491.D
Acq: 05 May 2025 17:13

Tgt Ion:180 Resp: 39310

Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	142.0
145	35.1	17.2	51.5



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VN0506MBS01	SDG No.:	Q1914
Lab Sample ID:	VN0506MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086515.D	1		05/06/25 15:23	VN050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	1800		79.0	500	ug/Kg
108-88-3	Toluene	1900		78.0	500	ug/Kg
100-41-4	Ethyl Benzene	1900		67.0	500	ug/Kg
1330-20-7	Total Xylenes	5800		202	1500	ug/Kg
98-82-8	Isopropylbenzene	1900		78.0	500	ug/Kg
103-65-1	n-propylbenzene	1800		73.0	500	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1900		82.0	500	ug/Kg
98-06-6	tert-Butylbenzene	1900		67.0	500	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1900		64.0	500	ug/Kg
135-98-8	sec-Butylbenzene	1900		66.0	500	ug/Kg
99-87-6	p-Isopropyltoluene	1900		62.0	500	ug/Kg
104-51-8	n-Butylbenzene	1700		150	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.6		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	57.7		70 - 134	115%	SPK: 50
2037-26-5	Toluene-d8	50.2		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.2		38 - 136	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	8.224			
540-36-3	1,4-Difluorobenzene	335000	9.1			
3114-55-4	Chlorobenzene-d5	293000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	131000	13.788			

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_N\Data\VN050625\
Data File : VN086515.D
Acq On : 06 May 2025 15:23
Operator : JC\MD
Sample : VN0506MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 02:55:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	186931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131666	48.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.140%			
35) Dibromofluoromethane	8.165	113	89652	57.703	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.400%			
50) Toluene-d8	10.565	98	417017	50.221	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.847	95	142861	47.169	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	37722	17.023	ug/l	99
3) Chloromethane	2.359	50	47570	14.771	ug/l	100
4) Vinyl Chloride	2.518	62	48679	15.840	ug/l	99
5) Bromomethane	2.959	94	28857	20.875	ug/l	94
6) Chloroethane	3.124	64	33294	16.187	ug/l	96
7) Trichlorofluoromethane	3.501	101	63968	18.791	ug/l	99
8) Diethyl Ether	3.959	74	24936	16.779	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	38925	18.902	ug/l	99
10) Methyl Iodide	4.589	142	45616	20.148	ug/l	97
11) Tert butyl alcohol	5.512	59	41804	84.524	ug/l	97
12) 1,1-Dichloroethene	4.342	96	37558	17.071	ug/l	97
13) Acrolein	4.177	56	25741	102.726	ug/l	95
14) Allyl chloride	5.018	41	54227	13.865	ug/l	91
15) Acrylonitrile	5.718	53	102769	84.055	ug/l	100
16) Acetone	4.430	43	84780	86.735	ug/l	99
17) Carbon Disulfide	4.712	76	98094	14.890	ug/l	98
18) Methyl Acetate	5.024	43	50791	15.610	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	139071	17.196	ug/l	95
20) Methylene Chloride	5.277	84	45402	18.118	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	41035	17.840	ug/l	90
22) Diisopropyl ether	6.665	45	132768	15.605	ug/l	95
23) Vinyl Acetate	6.600	43	485911	81.697	ug/l	98
24) 1,1-Dichloroethane	6.565	63	76514	17.044	ug/l	98
25) 2-Butanone	7.483	43	134623	79.788	ug/l	94
26) 2,2-Dichloropropane	7.483	77	67580	16.813	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	50669	17.748	ug/l	95
28) Bromochloromethane	7.812	49	33407	17.551	ug/l	85
29) Tetrahydrofuran	7.836	42	89191	79.051	ug/l	94
30) Chloroform	7.959	83	81472	18.475	ug/l	98
31) Cyclohexane	8.253	56	69881	15.908	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	71397	18.926	ug/l	95
36) 1,1-Dichloropropene	8.371	75	56250	18.126	ug/l	98
37) Ethyl Acetate	7.559	43	55641	17.031	ug/l	99
38) Carbon Tetrachloride	8.359	117	59000	19.964	ug/l	99
39) Methylcyclohexane	9.600	83	63530	17.224	ug/l	96
40) Benzene	8.600	78	182406	18.346	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086515.D
Acq On : 06 May 2025 15:23
Operator : JC\MD
Sample : VN0506MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 02:55:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.777	41	29311	15.480	ug/l		91
42) 1,2-Dichloroethane	8.671	62	60715	19.149	ug/l		100
43) Isopropyl Acetate	8.683	43	110687	17.407	ug/l		98
44) Trichloroethene	9.347	130	46102	19.563	ug/l		96
45) 1,2-Dichloropropane	9.618	63	42544	17.481	ug/l		97
46) Dibromomethane	9.706	93	30758	19.835	ug/l		95
47) Bromodichloromethane	9.882	83	63533	18.970	ug/l		97
48) Methyl methacrylate	9.677	41	45829	15.974	ug/l		93
49) 1,4-Dioxane	9.688	88	17877	366.317	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.441	43	294698	88.088	ug/l		99
52) Toluene	10.629	92	117697	18.971	ug/l		98
53) t-1,3-Dichloropropene	10.835	75	67999	18.188	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	71768	17.477	ug/l		97
55) 1,1,2-Trichloroethane	11.012	97	43240	19.372	ug/l		98
56) Ethyl methacrylate	10.871	69	71193	17.352	ug/l		98
57) 1,3-Dichloropropane	11.159	76	74092	18.709	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.159	63	142910	73.385	ug/l		95
59) 2-Hexanone	11.194	43	215334	86.777	ug/l		100
60) Dibromochloromethane	11.353	129	47427	19.349	ug/l		100
61) 1,2-Dibromoethane	11.465	107	44506	19.761	ug/l		99
64) Tetrachloroethene	11.100	164	44136	19.563	ug/l		92
65) Chlorobenzene	11.888	112	127286	19.446	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	43186	19.999	ug/l		99
67) Ethyl Benzene	11.959	91	221649	18.765	ug/l		100
68) m/p-Xylenes	12.071	106	169269	38.246	ug/l		96
69) o-Xylene	12.394	106	85449	19.523	ug/l		94
70) Styrene	12.406	104	137352	18.834	ug/l		99
71) Bromoform	12.576	173	30798	18.943	ug/l	#	99
73) Isopropylbenzene	12.694	105	207336	19.277	ug/l		100
74) N-amyl acetate	12.488	43	87445	16.331	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.935	83	61023	19.732	ug/l		98
76) 1,2,3-Trichloropropane	12.988	75	62840m	20.252	ug/l		
77) Bromobenzene	12.976	156	49109	20.606	ug/l		89
78) n-propylbenzene	13.035	91	234190	18.477	ug/l		99
79) 2-Chlorotoluene	13.123	91	149382	18.835	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	165809	18.835	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	24481	18.948	ug/l		87
82) 4-Chlorotoluene	13.218	91	146156	18.552	ug/l		98
83) tert-Butylbenzene	13.435	119	145403	19.062	ug/l		97
84) 1,2,4-Trimethylbenzene	13.476	105	168561	18.811	ug/l		100
85) sec-Butylbenzene	13.612	105	197232	18.641	ug/l		98
86) p-Isopropyltoluene	13.723	119	162051	18.582	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	89107	19.890	ug/l		97
88) 1,4-Dichlorobenzene	13.806	146	88706	19.658	ug/l		98
89) n-Butylbenzene	14.053	91	134002	17.335	ug/l		98
90) Hexachloroethane	14.329	117	26821	18.284	ug/l		96
91) 1,2-Dichlorobenzene	14.100	146	85298	19.638	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.712	75	11486	18.420	ug/l		97
93) 1,2,4-Trichlorobenzene	15.388	180	39203	18.849	ug/l		99
94) Hexachlorobutadiene	15.500	225	15090	19.220	ug/l		97
95) Naphthalene	15.635	128	135759	18.413	ug/l		100
96) 1,2,3-Trichlorobenzene	15.835	180	38632	19.619	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086515.D
Acq On : 06 May 2025 15:23
Operator : JC\MD
Sample : VN0506MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 02:55:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086515.D
Acq On : 06 May 2025 15:23
Operator : JC\MD
Sample : VN0506MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 07 02:55:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations APPROVED

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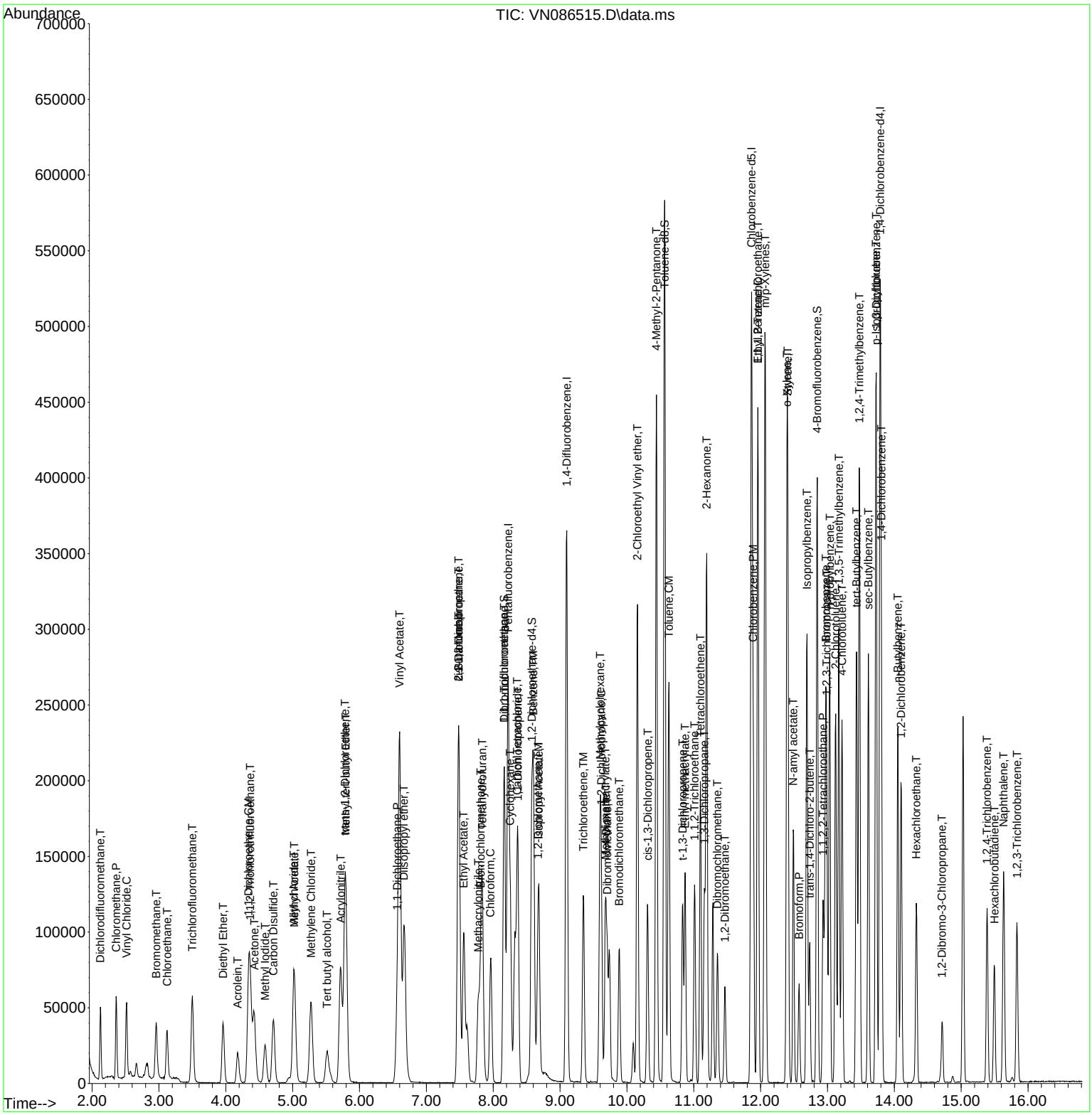
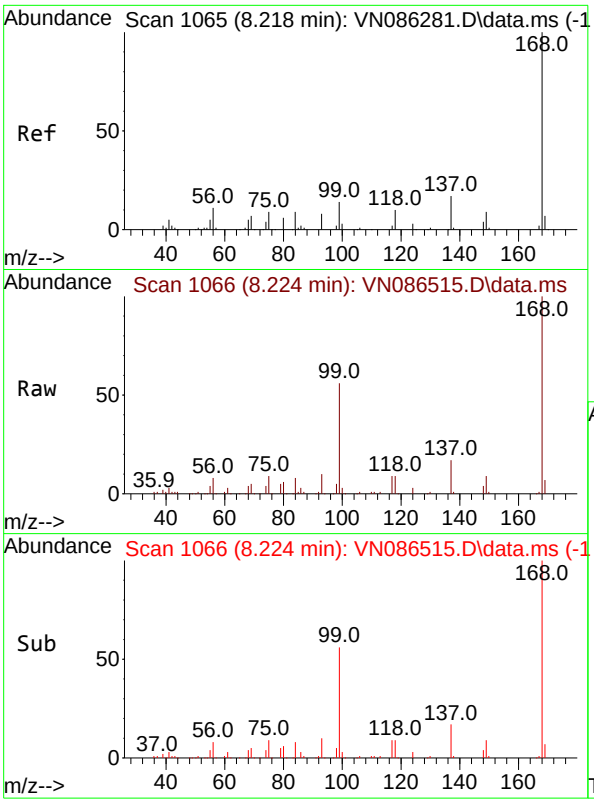
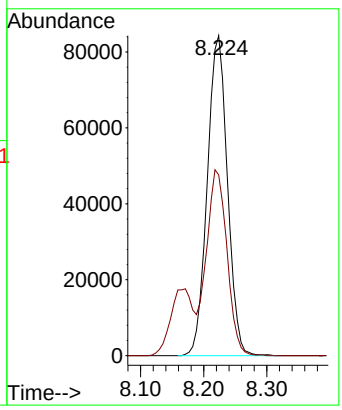




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:168 Resp: 18693

Ion	Ratio	Lower	Upper
168	100		
99	56.5	52.5	78.7



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
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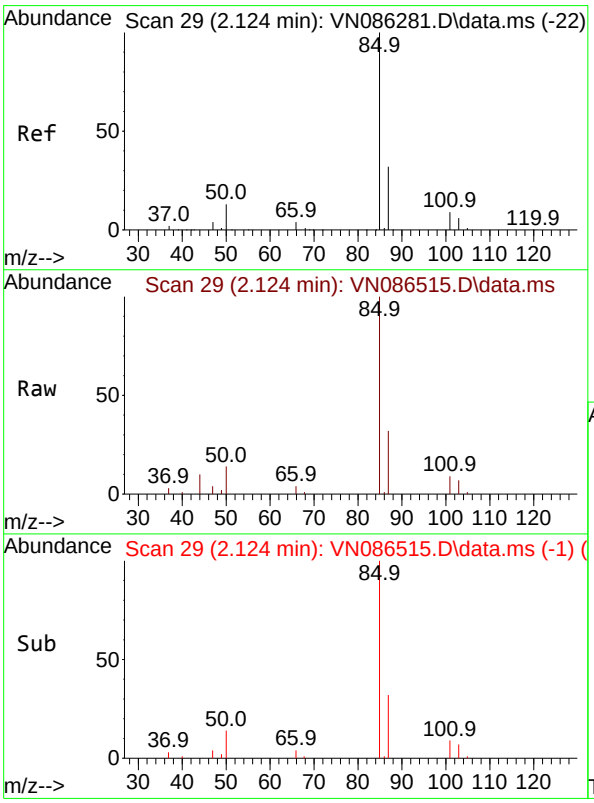
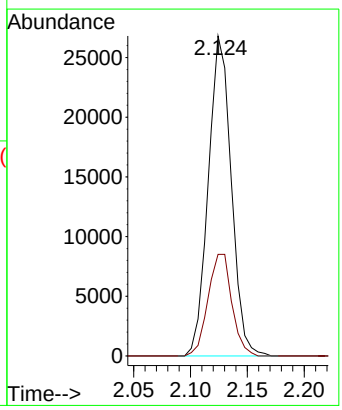
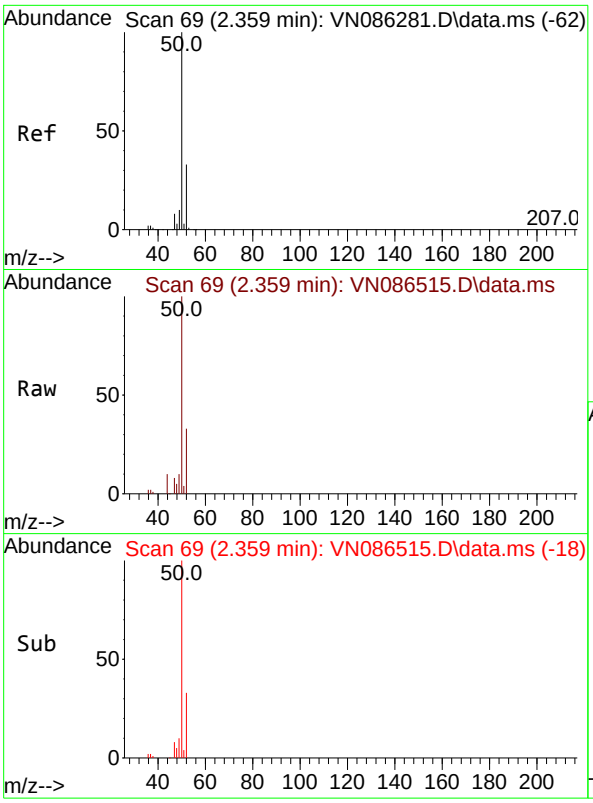


#2
Dichlorodifluoromethane
Concen: 17.023 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 85 Resp: 37722

Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.3	48.8

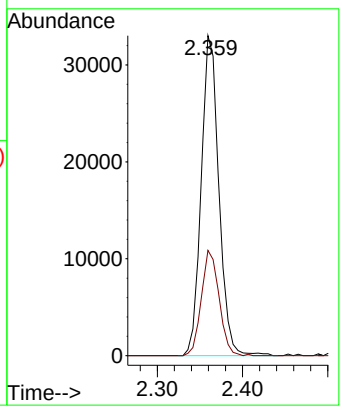




#3
Chloromethane
Concen: 14.771 ug/l
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 50 Resp: 4757

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.5	39.7



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
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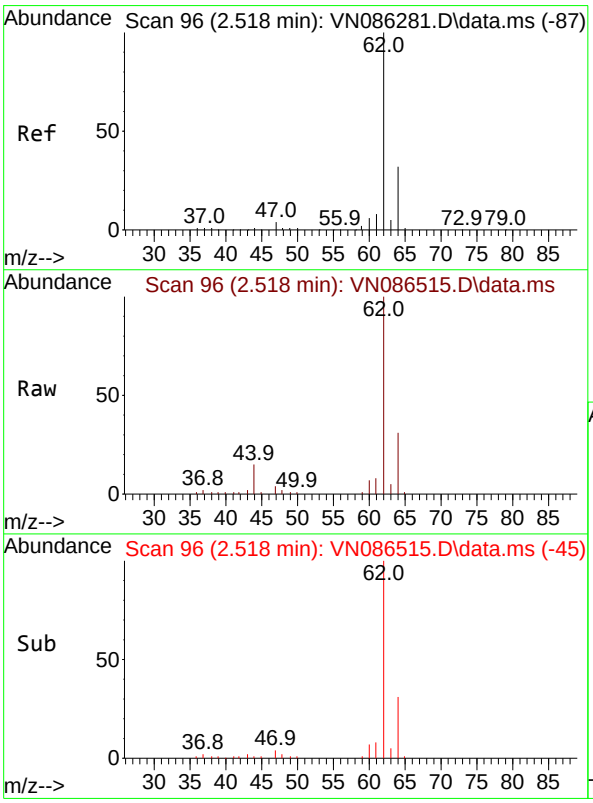
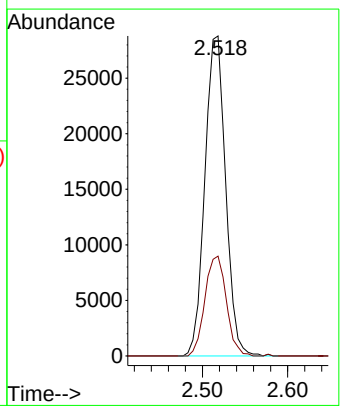
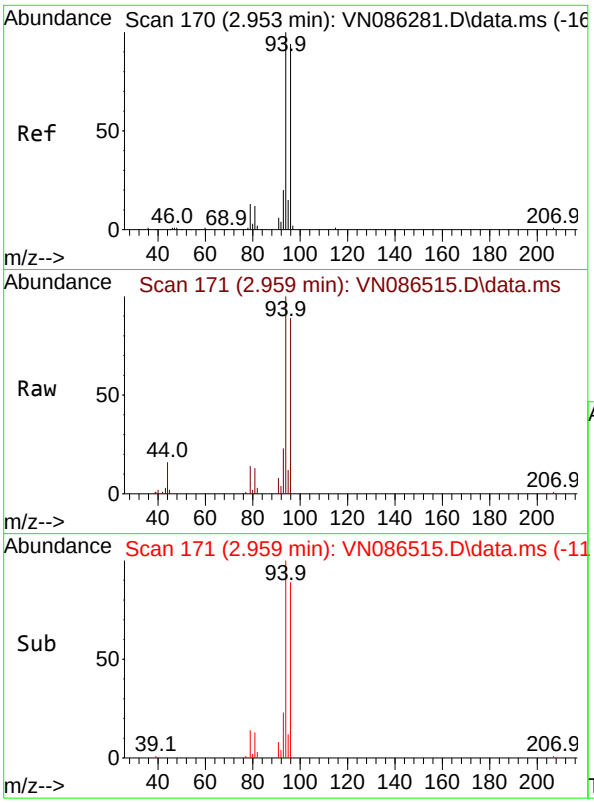


#4
Vinyl Chloride
Concen: 15.840 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 62 Resp: 48679

Ion	Ratio	Lower	Upper
62	100		
64	31.2	25.6	38.4

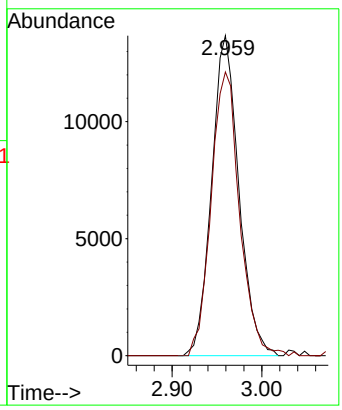




#5
Bromomethane
Concen: 20.875 ug/l
RT: 2.959 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 94 Resp: 2885

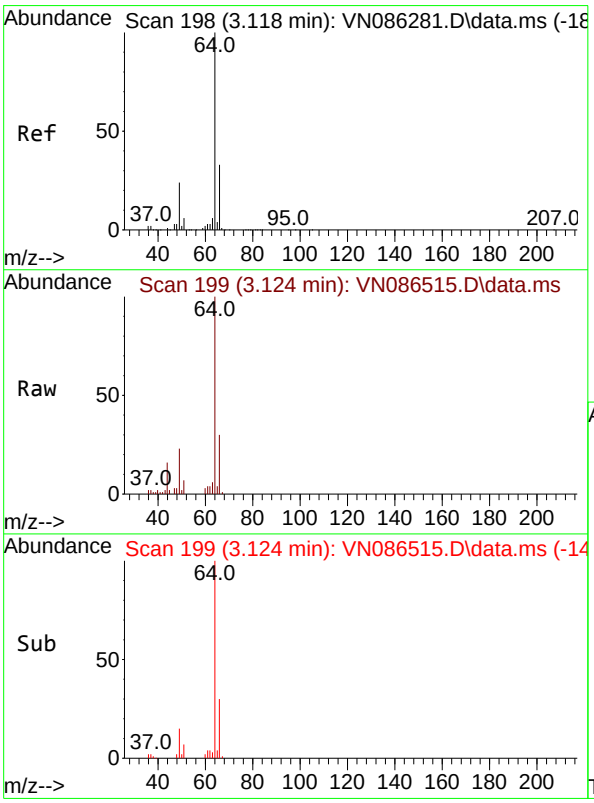
Ion	Ratio	Lower	Upper
94	100		
96	88.6	75.2	112.8



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

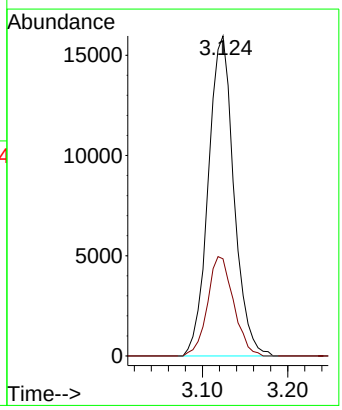
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

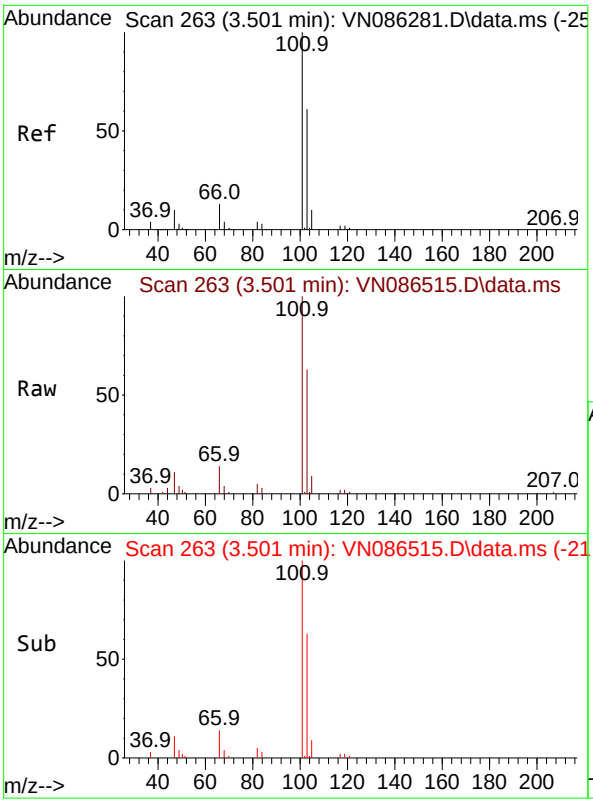


#6
Chloroethane
Concen: 16.187 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 64 Resp: 33294

Ion	Ratio	Lower	Upper
64	100		
66	30.4	26.2	39.2

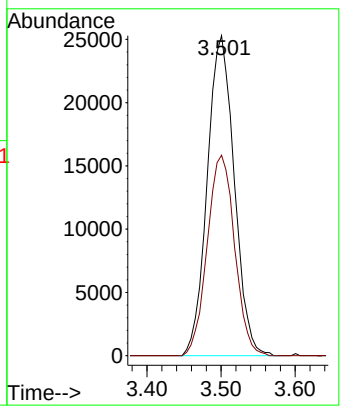




#7
Trichlorofluoromethane
Concen: 18.791 ug/l
RT: 3.501 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:101 Resp: 6396

Ion	Ratio	Lower	Upper
101	100		
103	62.6	49.2	73.8



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations APPROVED

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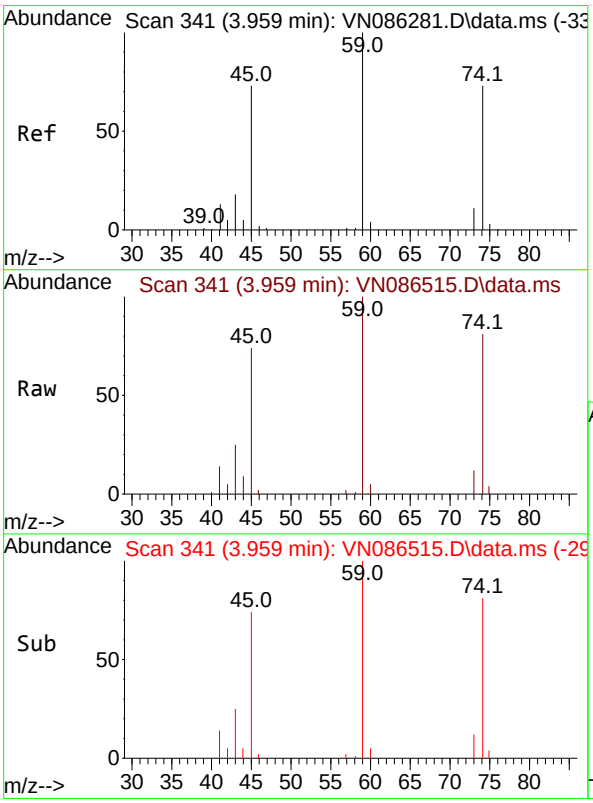
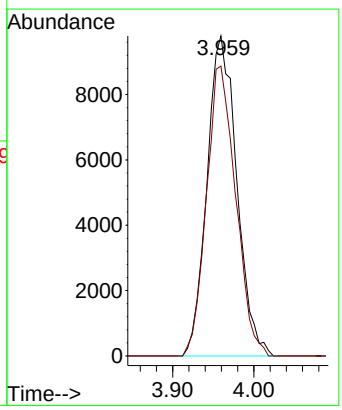
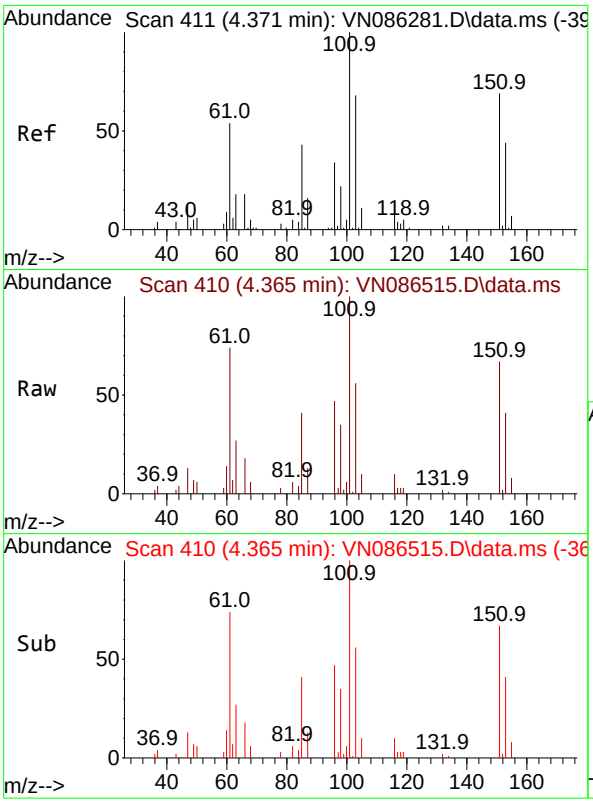


#8
Diethyl Ether
Concen: 16.779 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 74 Resp: 24936

Ion	Ratio	Lower	Upper
74	100		
45	88.9	48.0	144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.902 ug/l
RT: 4.365 min Scan# 4
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:101 Resp: 3892

Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.7	52.1
151	71.6	56.1	84.1

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

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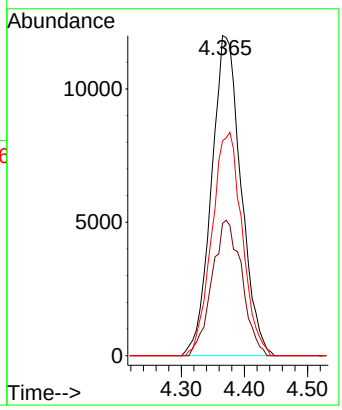
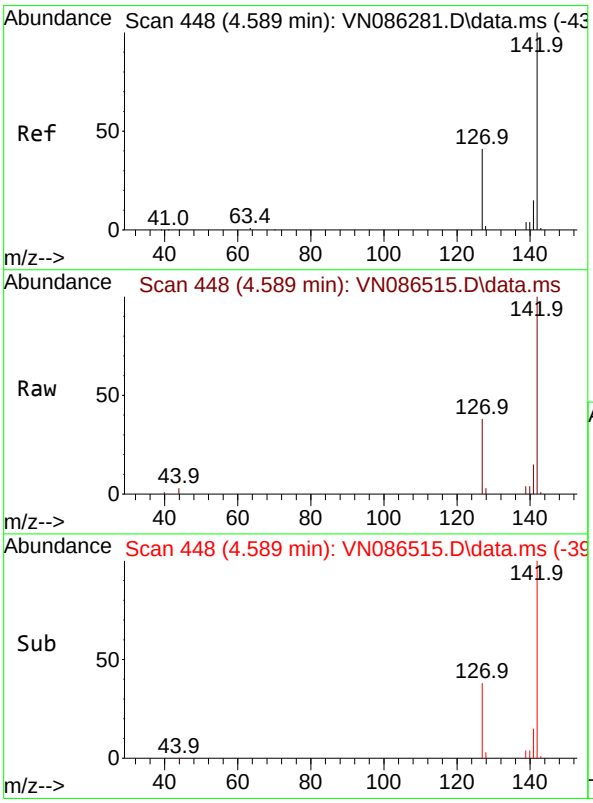
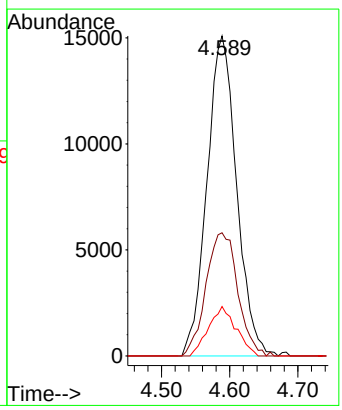


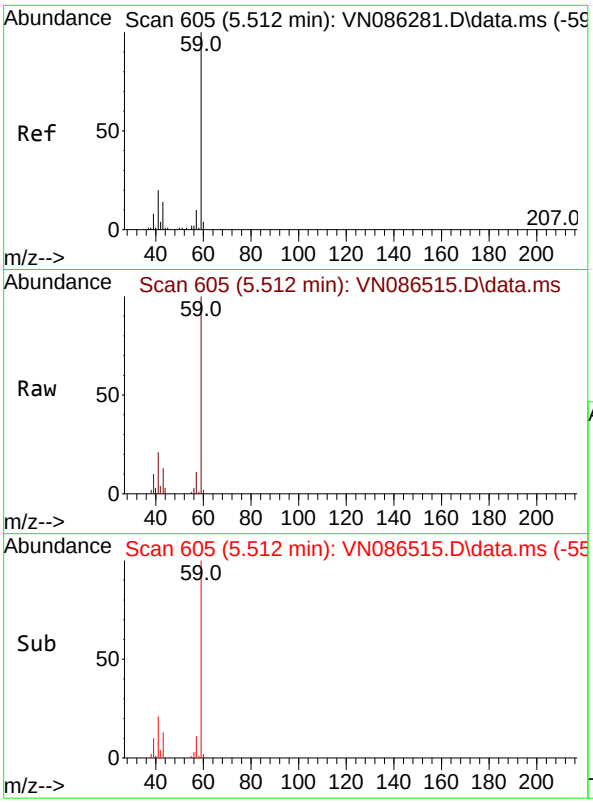


#10
Methyl Iodide
Concen: 20.148 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:142 Resp: 45616

Ion	Ratio	Lower	Upper
142	100		
127	38.5	32.7	49.1
141	15.4	11.7	17.5

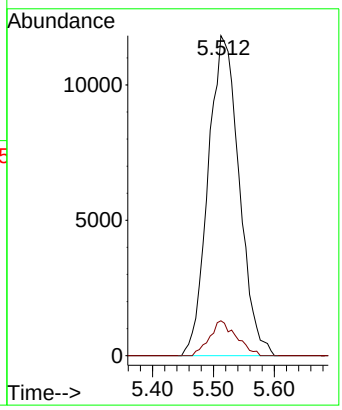




#11
Tert butyl alcohol
Concen: 84.524 ug/l
RT: 5.512 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 59 Resp: 4180

Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.3	12.5



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

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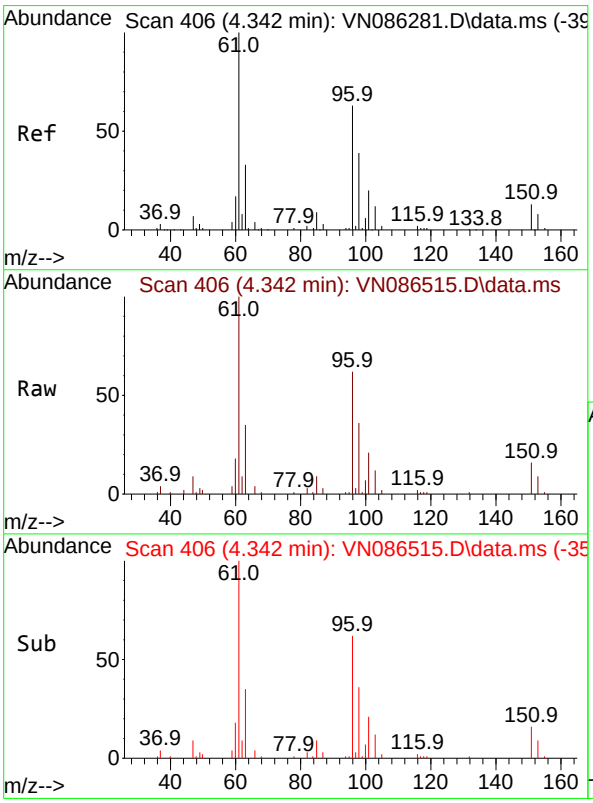
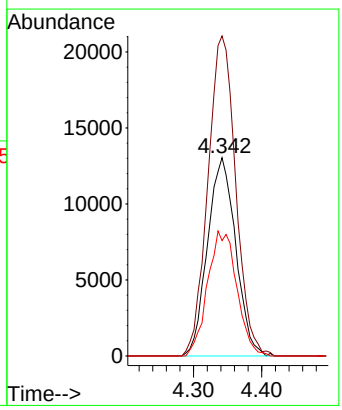
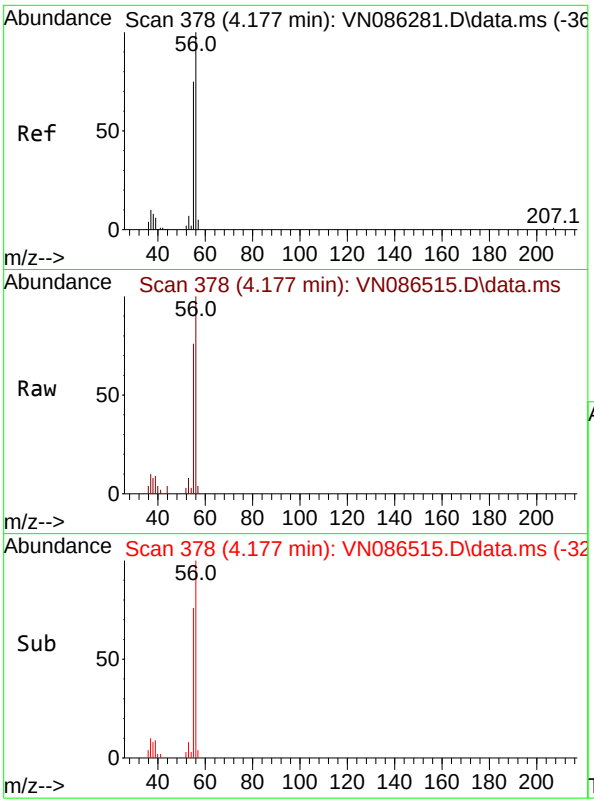


#12
1,1-Dichloroethene
Concen: 17.071 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 96 Resp: 37558

Ion	Ratio	Lower	Upper
96	100		
61	161.4	126.6	189.8
98	58.2	49.6	74.4

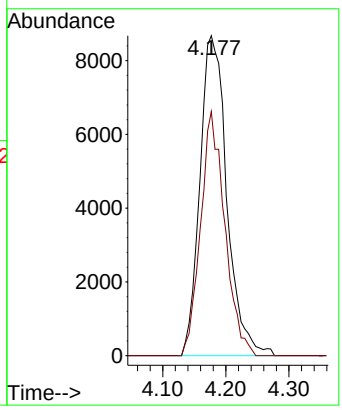




#13
Acrolein
Concen: 102.726 ug/l
RT: 4.177 min Scan# 3
Delta R.T. -0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 56 Resp: 2574

Ion	Ratio	Lower	Upper
56	100		
55	68.5	58.5	87.7



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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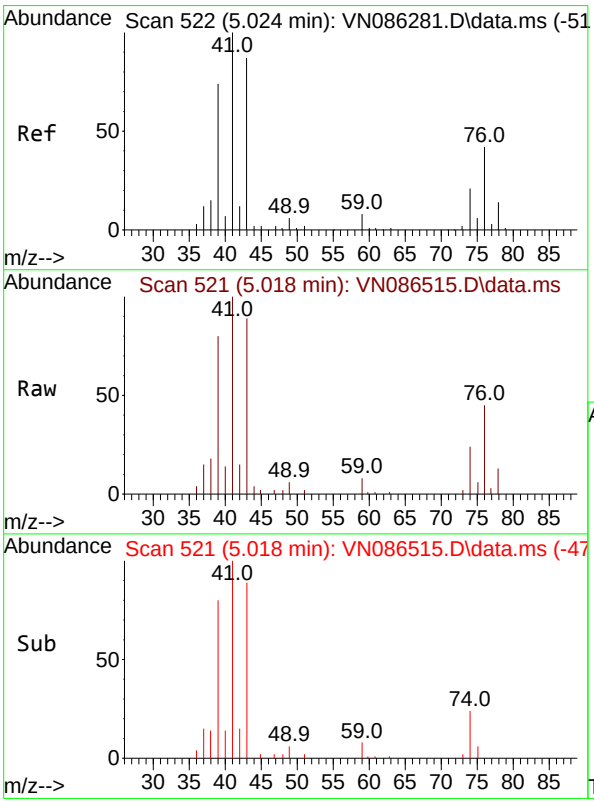
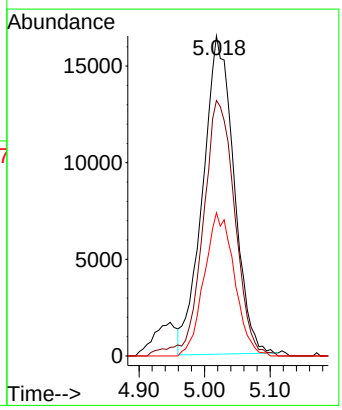
Supervised By :Mahesh Dadoda 05/07/2025

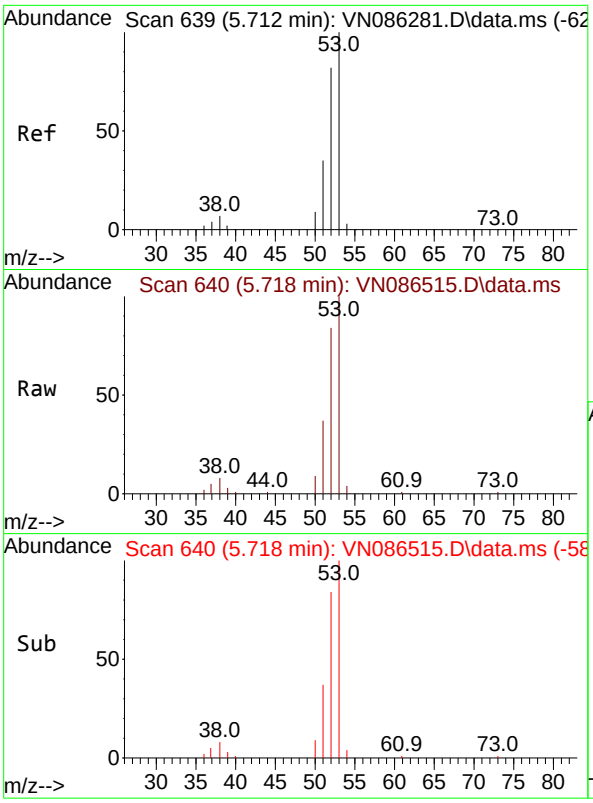


#14
Allyl chloride
Concen: 13.865 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 41 Resp: 54227

Ion	Ratio	Lower	Upper
41	100		
39	82.3	59.2	88.8
76	43.7	31.2	46.8

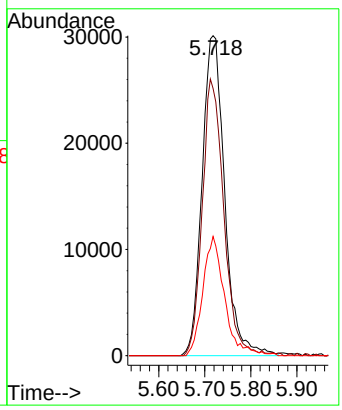




#15
Acrylonitrile
Concen: 84.055 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 53 Resp: 10276

Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.5	98.3
51	35.9	28.6	42.8



Instrument :
MSVOA_N
ClientSampleId :
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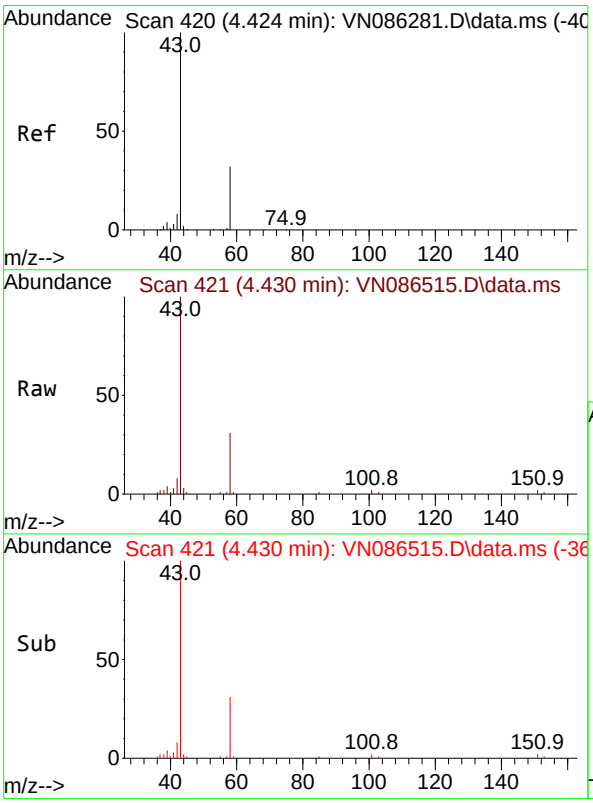
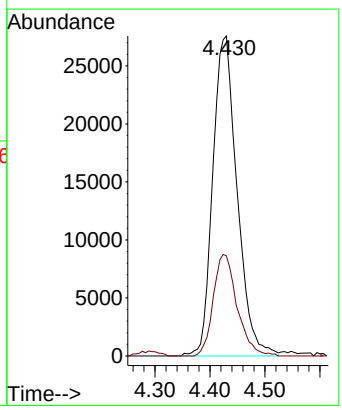
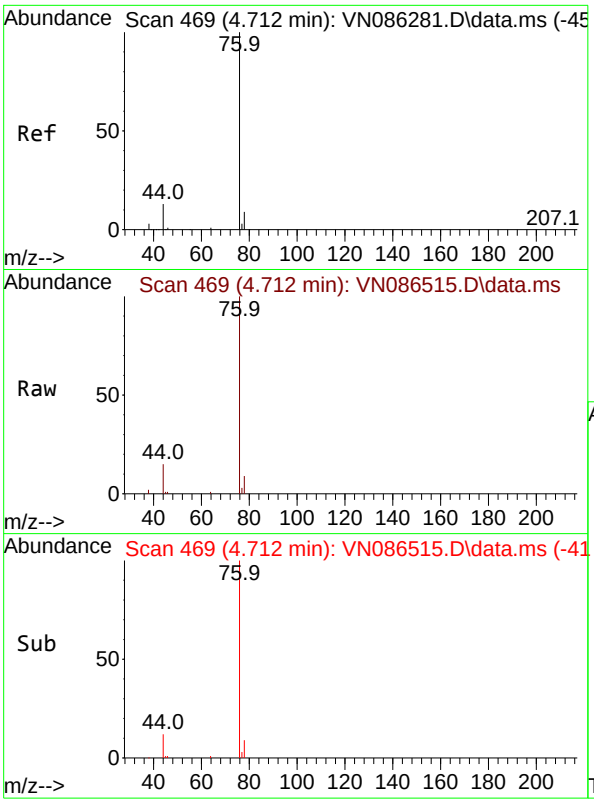


#16
Acetone
Concen: 86.735 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 84780

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.3	37.9

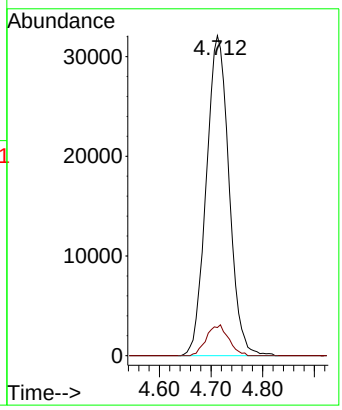




#17
Carbon Disulfide
Concen: 14.890 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 76 Resp: 9809

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4



Instrument :
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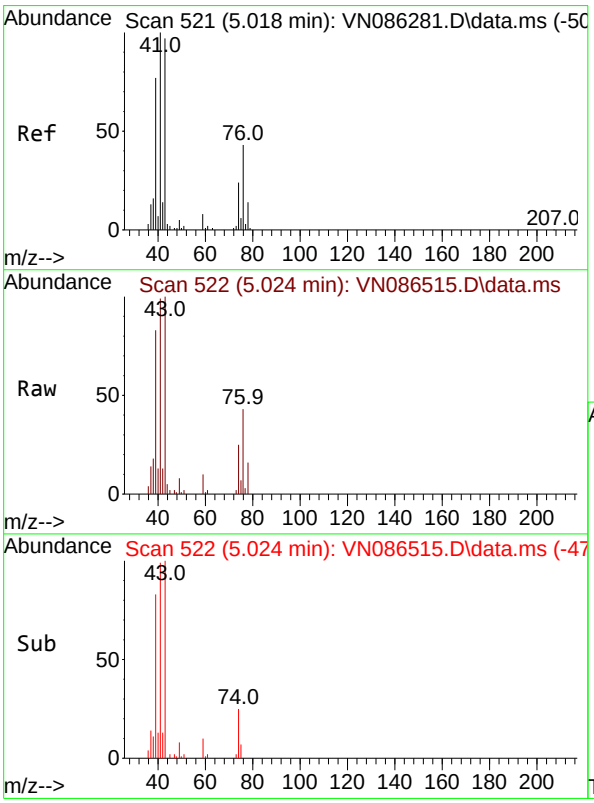
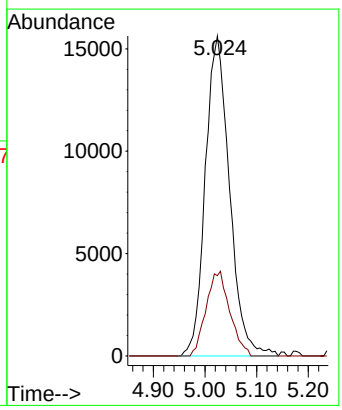
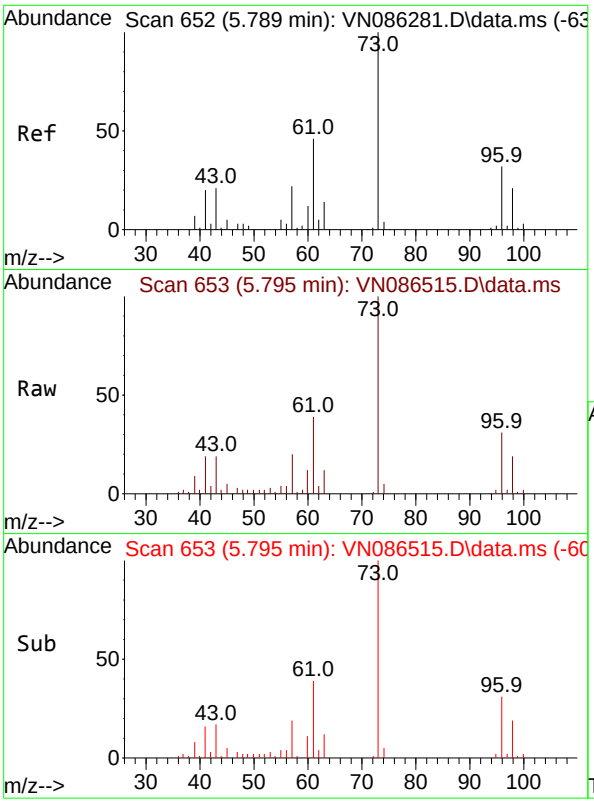


#18
Methyl Acetate
Concen: 15.610 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 50791

Ion	Ratio	Lower	Upper
43	100		
74	25.9	19.8	29.6

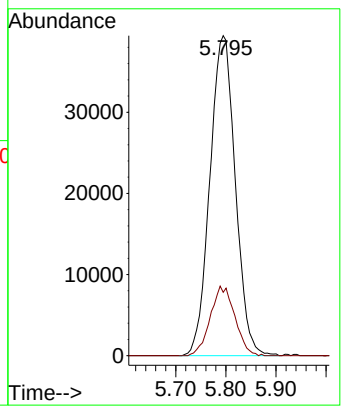




#19
Methyl tert-butyl Ether
Concen: 17.196 ug/l
RT: 5.795 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 73 Resp: 13907

Ion	Ratio	Lower	Upper
73	100		
57	19.8	17.6	26.4



Instrument :
MSVOA_N
ClientSampleId :
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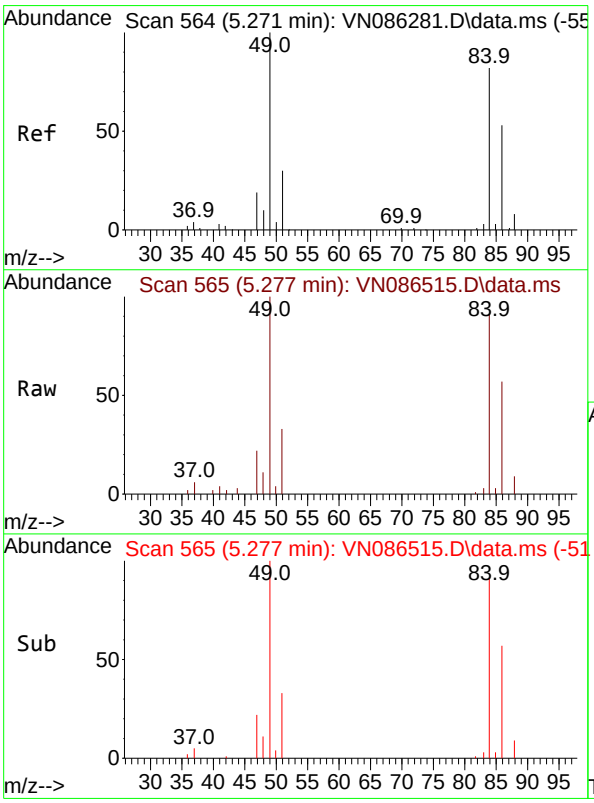
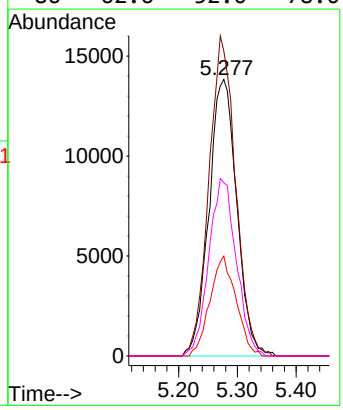
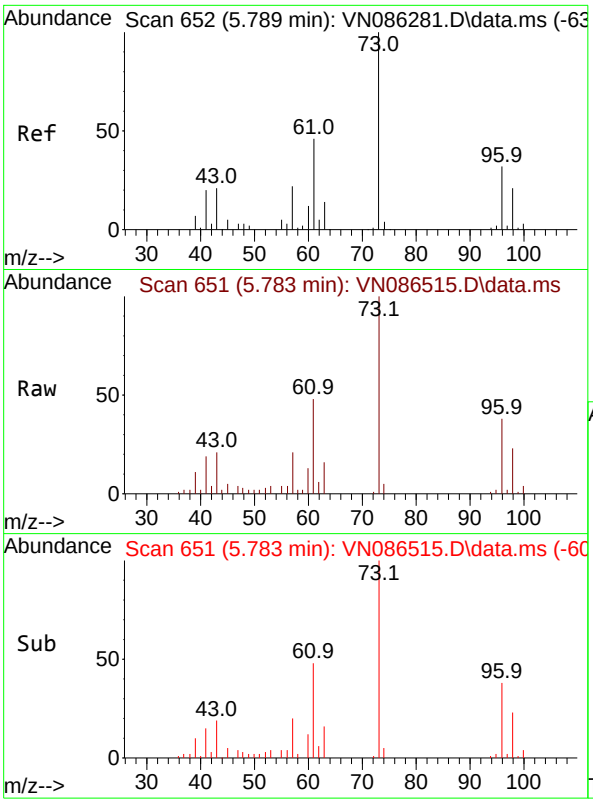


#20
Methylene Chloride
Concen: 18.118 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 84 Resp: 45402

Ion	Ratio	Lower	Upper
84	100		
49	110.2	98.2	147.2
51	36.1	29.8	44.6
86	62.6	52.0	78.0

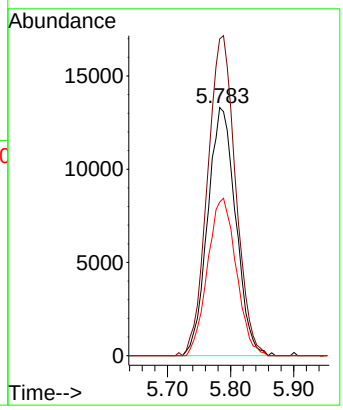




#21
trans-1,2-Dichloroethene
Concen: 17.840 ug/l
RT: 5.783 min Scan# 6
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 96 Resp: 4103

Ion	Ratio	Lower	Upper
96	100		
61	127.7	114.6	171.8
98	61.9	51.2	76.8



Instrument :
MSVOA_N
ClientSampleId :
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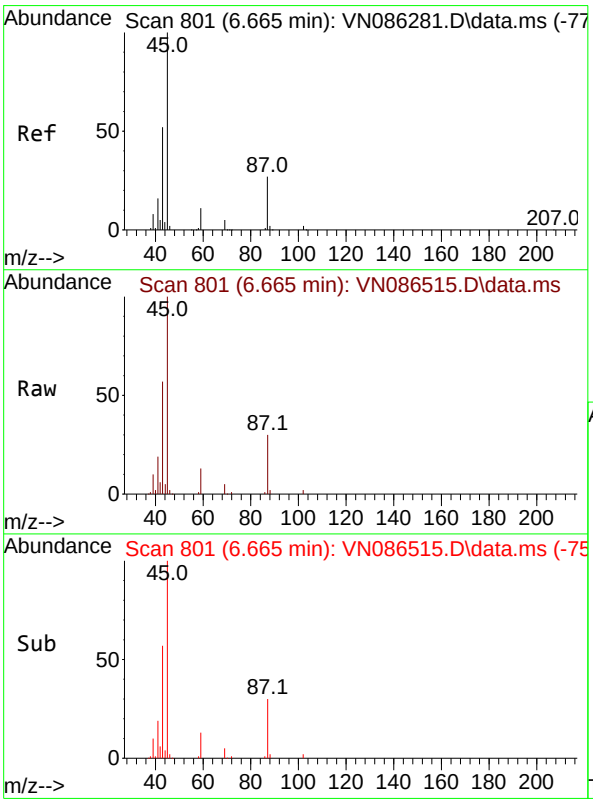
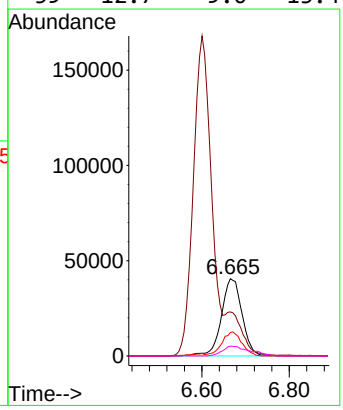
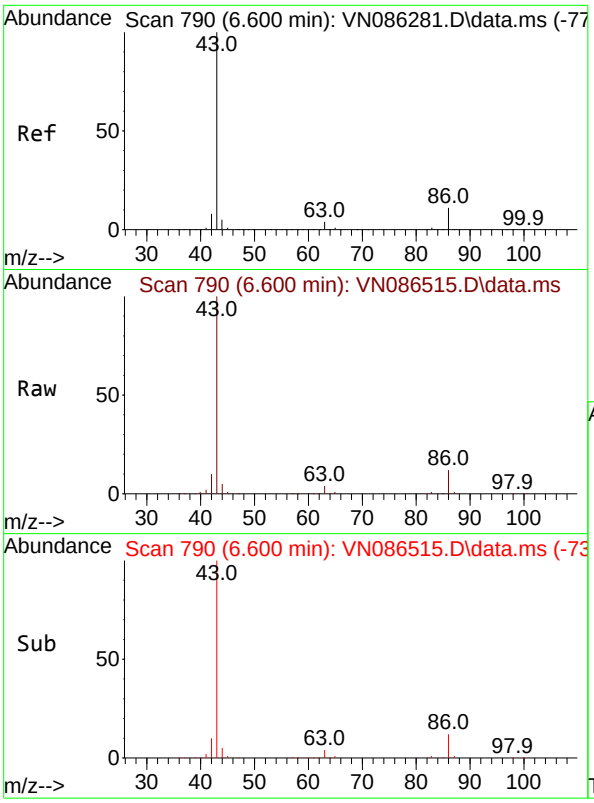


#22
Diisopropyl ether
Concen: 15.605 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 45 Resp: 132768

Ion	Ratio	Lower	Upper
45	100		
43	55.9	41.8	62.8
87	30.4	21.6	32.4
59	12.7	9.0	13.4





#23
Vinyl Acetate
Concen: 81.697 ug/l
RT: 6.600 min Scan# 7
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 48591

Ion	Ratio	Lower	Upper
43	100		
86	11.5	8.6	13.0

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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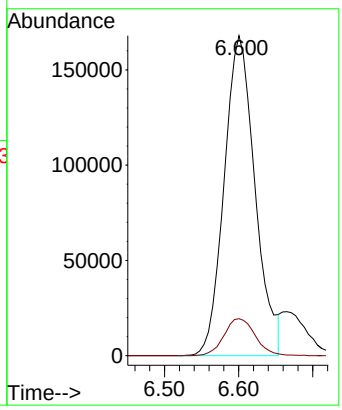
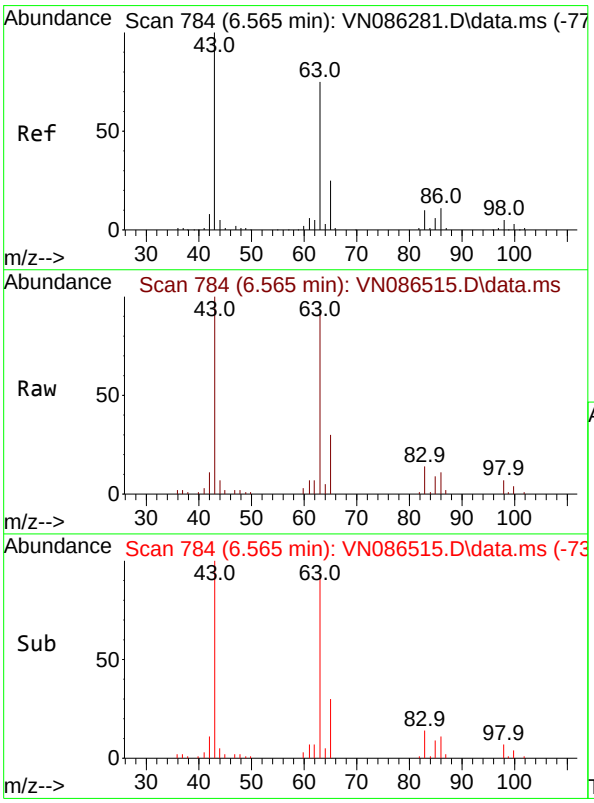
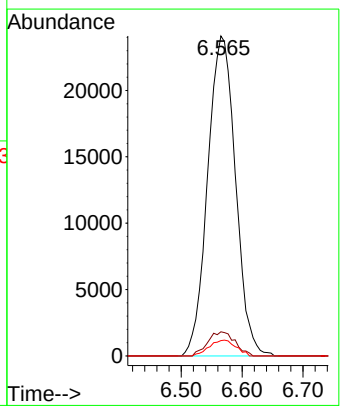


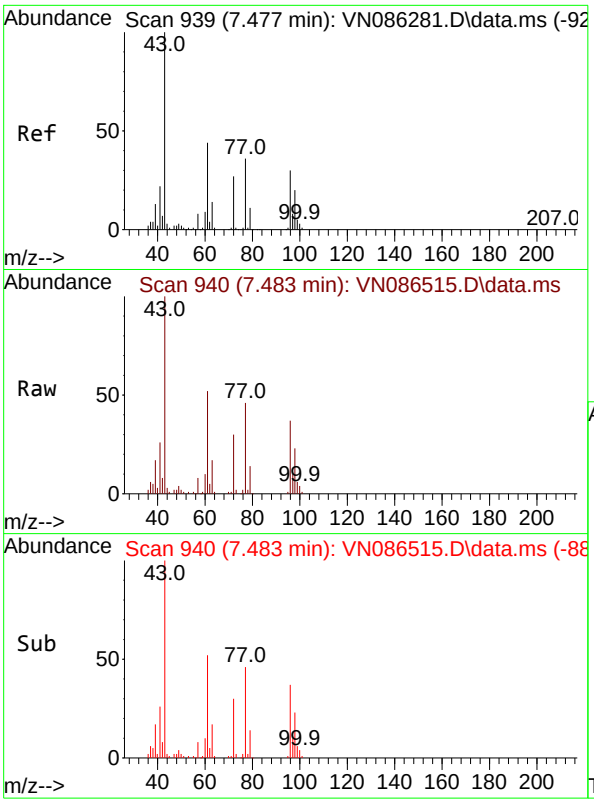


#24
1,1-Dichloroethane
Concen: 17.044 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 63 Resp: 76514

Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.4	10.2
100	4.8	2.1	6.5





#25
2-Butanone
Concen: 79.788 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 13462

Ion	Ratio	Lower	Upper
43	100		
72	30.3	21.7	32.5

Instrument :
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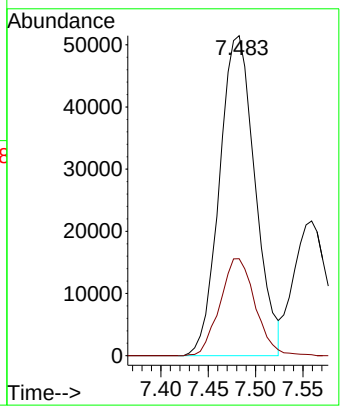
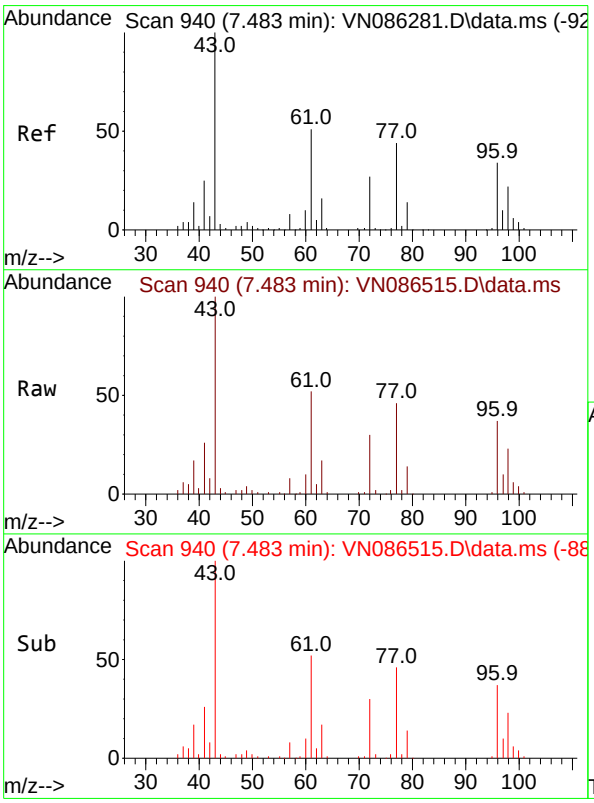
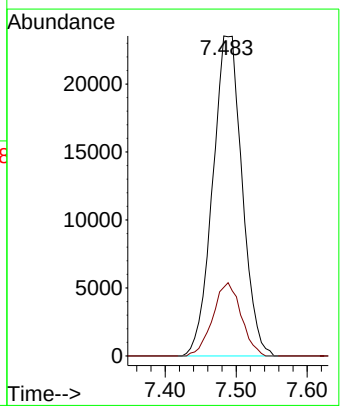


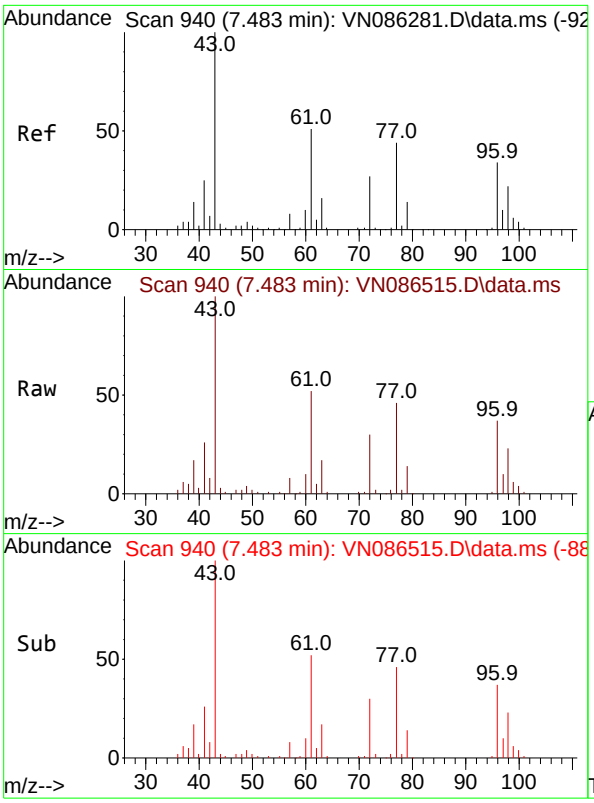


#26
2,2-Dichloropropane
Concen: 16.813 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 77 Resp: 67580

Ion	Ratio	Lower	Upper
77	100		
97	22.1	11.2	33.5





#27
cis-1,2-Dichloroethene
Concen: 17.748 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 96 Resp: 5066

Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	299.0
98	64.9	0.0	129.6

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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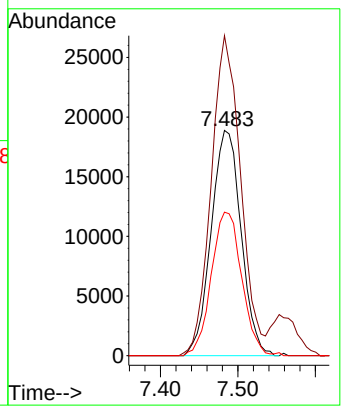
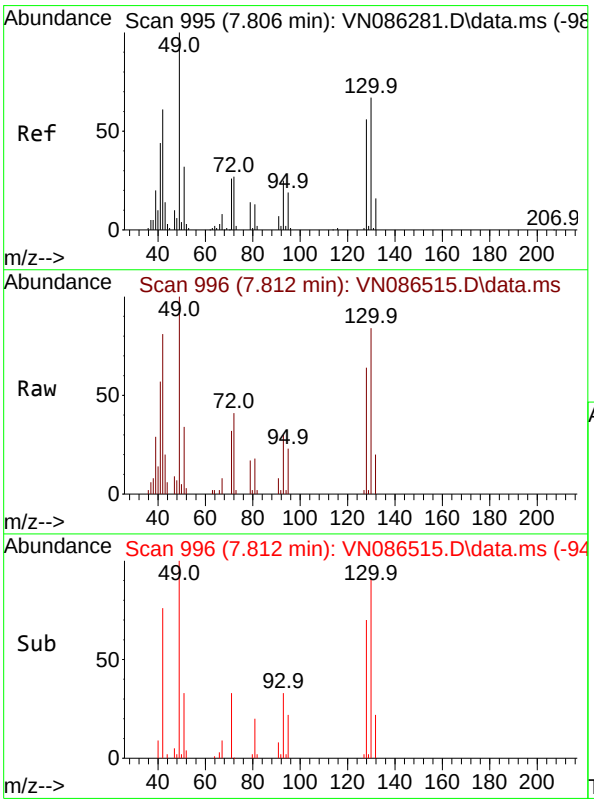
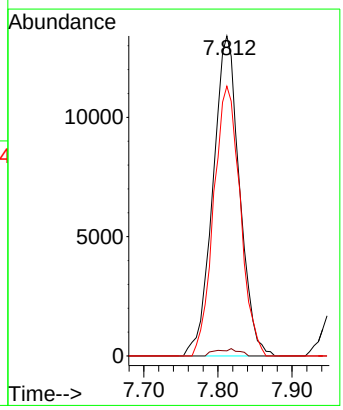


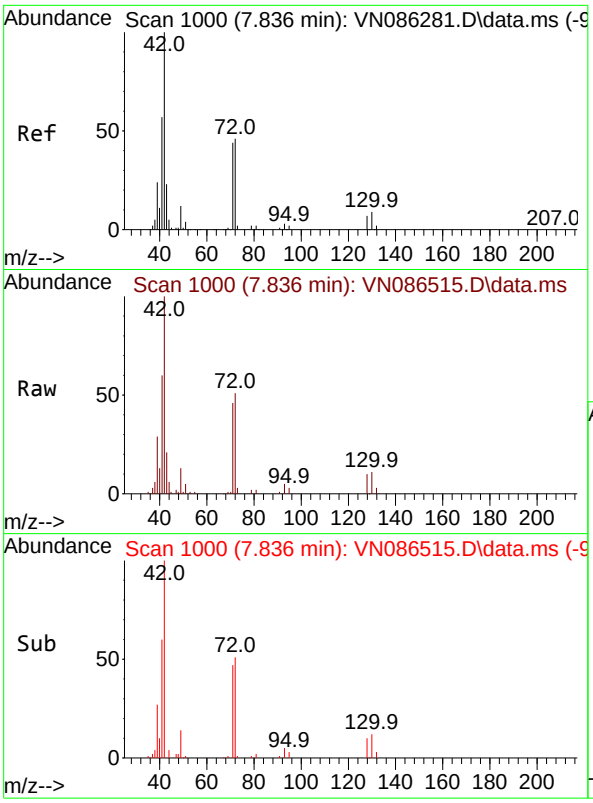


#28
Bromochloromethane
Concen: 17.551 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 49 Resp: 33407

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.4
130	83.8	57.1	85.7

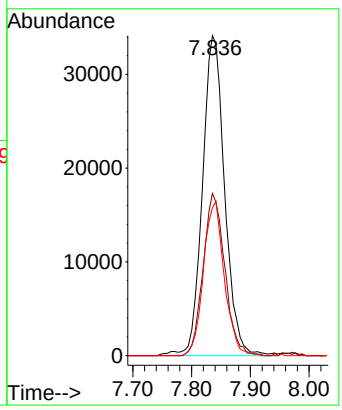




#29
Tetrahydrofuran
Concen: 79.051 ug/l
RT: 7.836 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 42 Resp: 8919

Ion	Ratio	Lower	Upper
42	100		
72	49.7	36.2	54.4
71	45.5	34.0	51.0



Instrument :
MSVOA_N
ClientSampleId :
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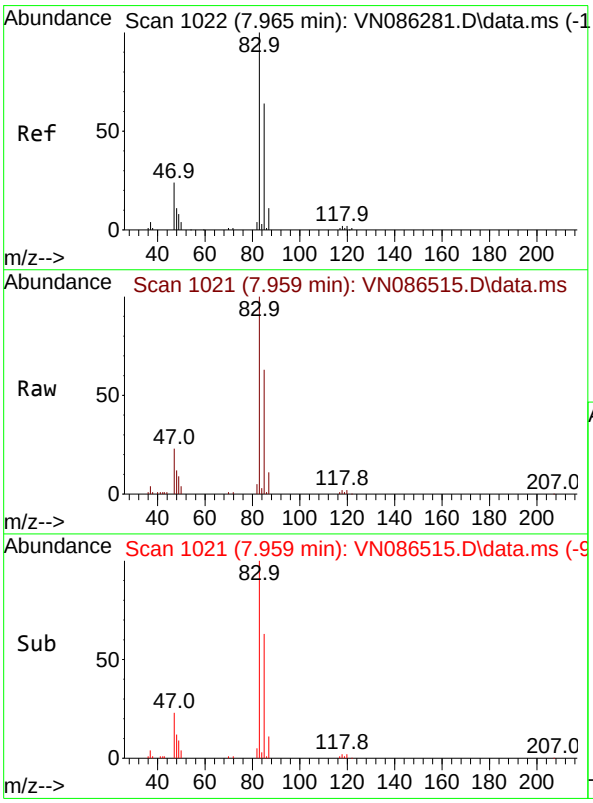
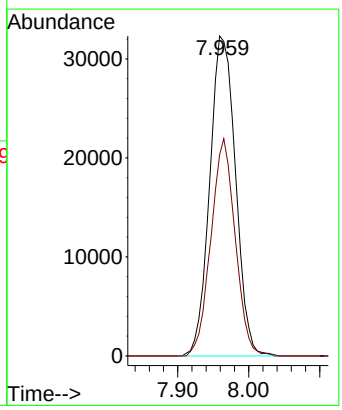
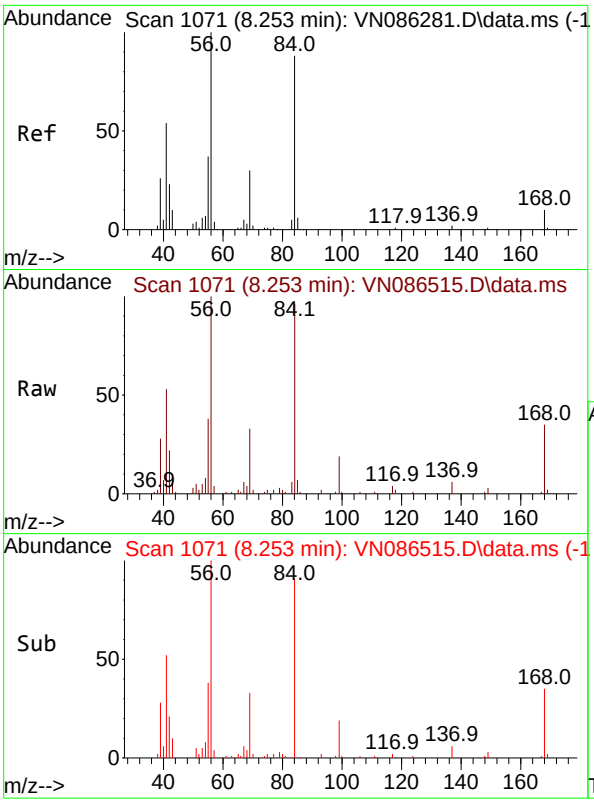


#30
Chloroform
Concen: 18.475 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 83 Resp: 81472

Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.5	77.3

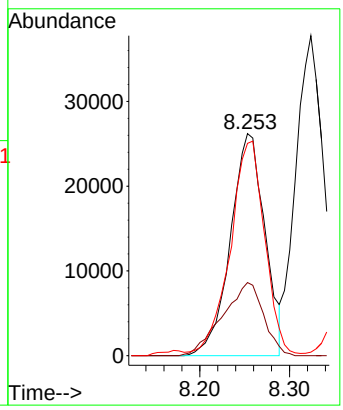




#31
Cyclohexane
Concen: 15.908 ug/l
RT: 8.253 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 56 Resp: 6988

Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.2	36.2
84	93.5	70.3	105.5



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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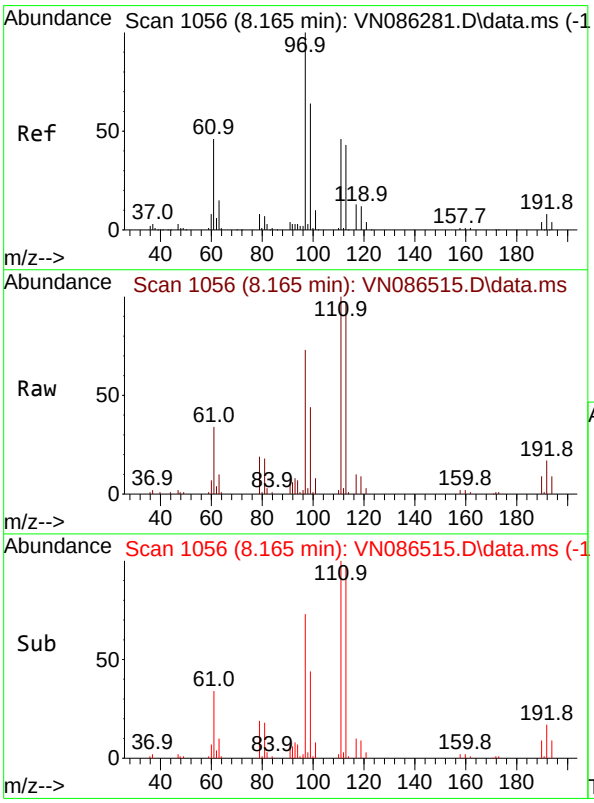
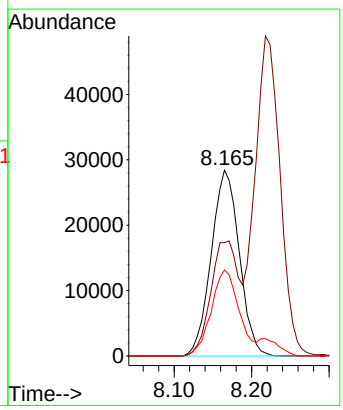
Supervised By :Mahesh Dadoda 05/07/2025

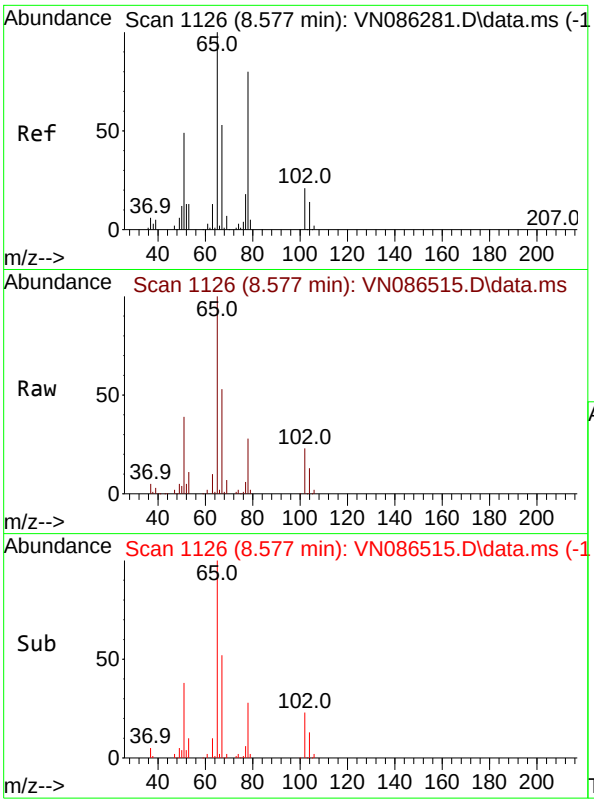


#32
1,1,1-Trichloroethane
Concen: 18.926 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 97 Resp: 71397

Ion	Ratio	Lower	Upper
97	100		
99	62.3	52.7	79.1
61	46.2	39.5	59.3

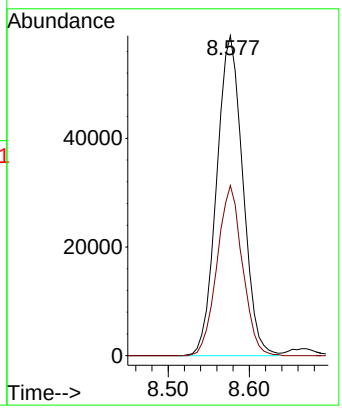




#33
1,2-Dichloroethane-d4
Concen: 48.573 ug/l
RT: 8.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 65 Resp: 13166

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.0



Instrument :
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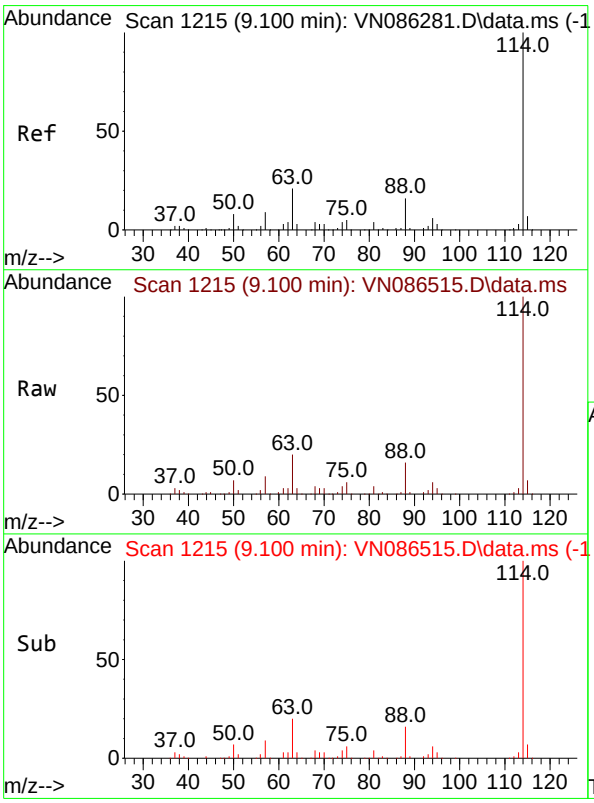
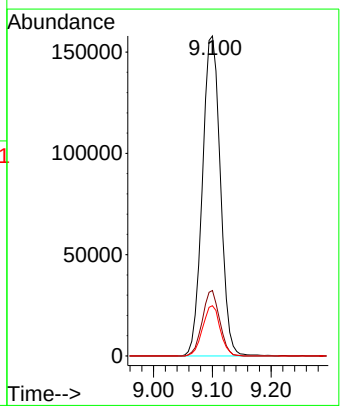
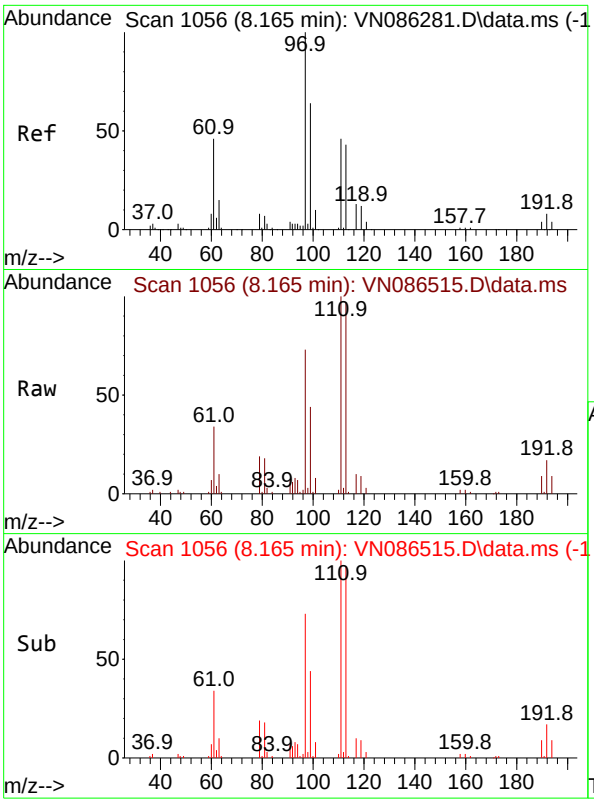


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:114 Resp: 334765

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.6
88	15.7	0.0	31.8

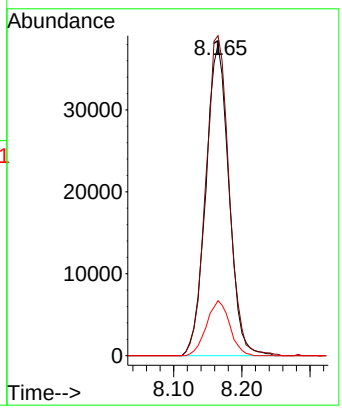




#35
Dibromofluoromethane
Concen: 57.703 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:113 Resp: 8965

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.0
192	17.7	13.7	20.5



Instrument :
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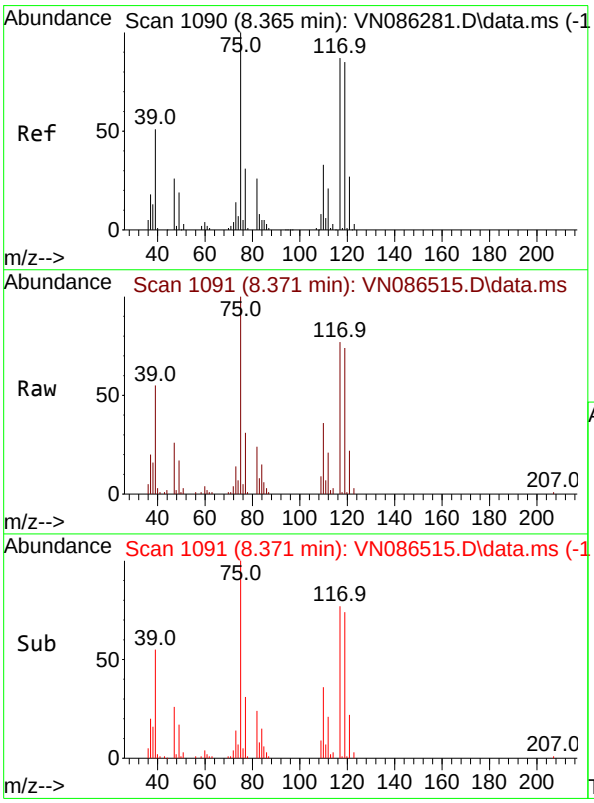
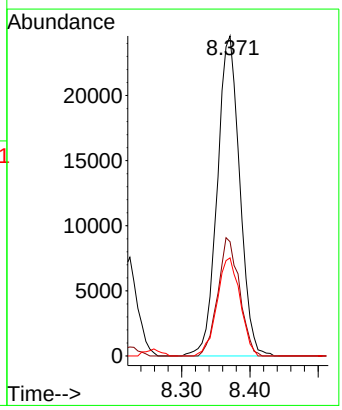
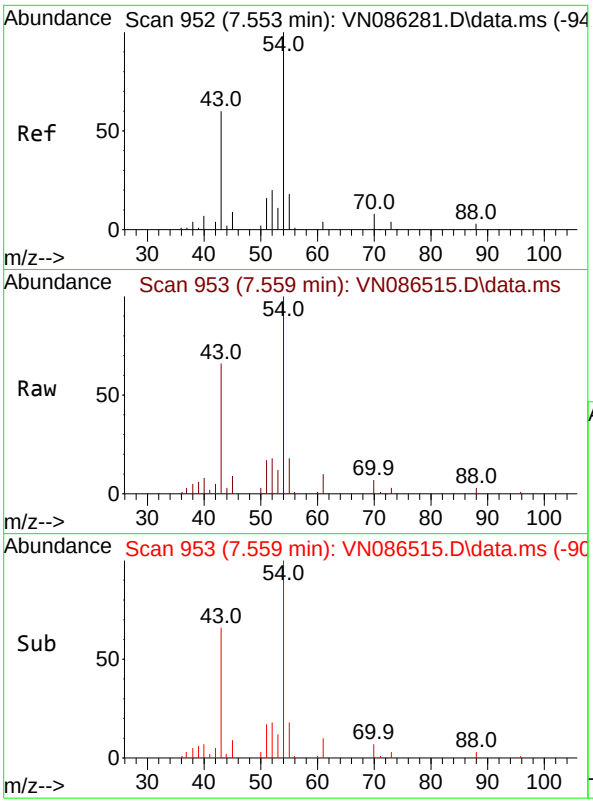


#36
1,1-Dichloropropene
Concen: 18.126 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 75 Resp: 56250

Ion	Ratio	Lower	Upper
75	100		
110	35.7	16.8	50.4
77	31.6	24.9	37.3

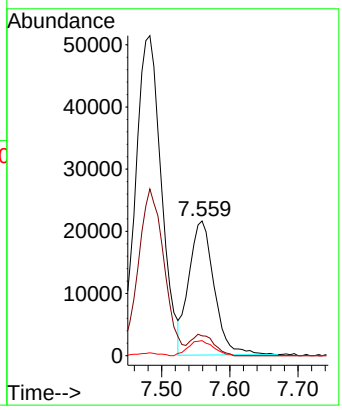




#37
Ethyl Acetate
Concen: 17.031 ug/l
RT: 7.559 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 5564

Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.1	16.7
70	11.1	9.2	13.8



Instrument :
MSVOA_N
ClientSampleId :
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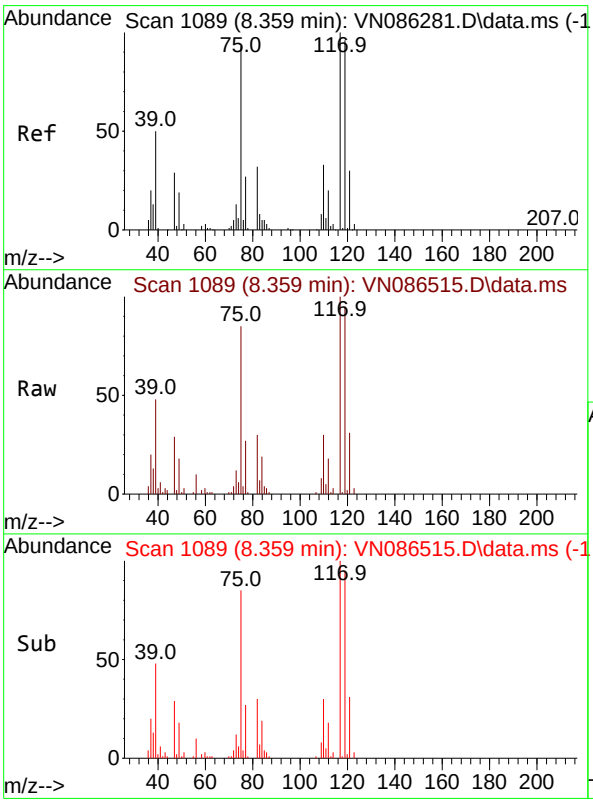
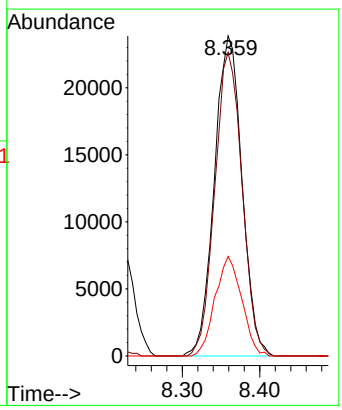
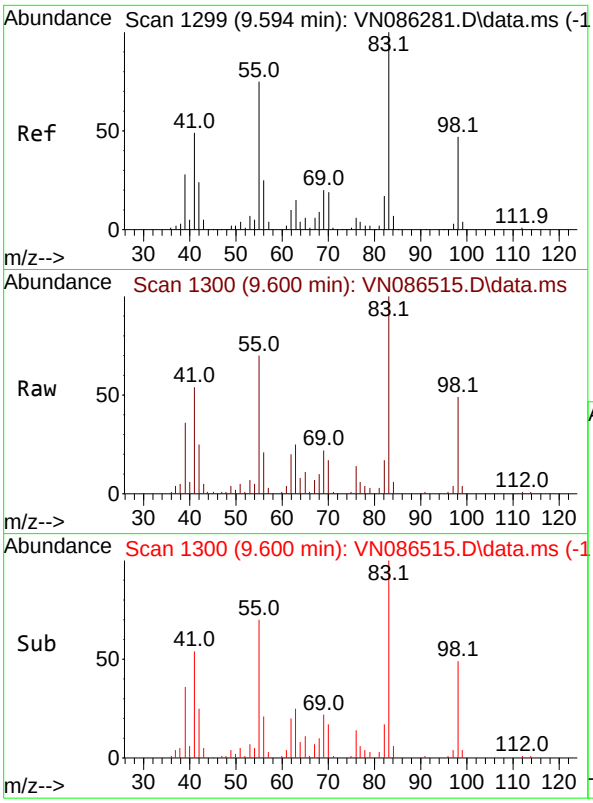


#38
Carbon Tetrachloride
Concen: 19.964 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:117 Resp: 59000

Ion	Ratio	Lower	Upper
117	100		
119	94.9	76.8	115.2
121	31.1	23.8	35.8

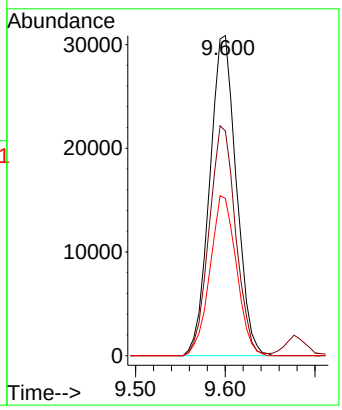




#39
Methylcyclohexane
Concen: 17.224 ug/l
RT: 9.600 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 83 Resp: 6353

Ion	Ratio	Lower	Upper
83	100		
55	70.2	59.8	89.8
98	49.2	37.9	56.9



Instrument :
MSVOA_N
ClientSampleId :
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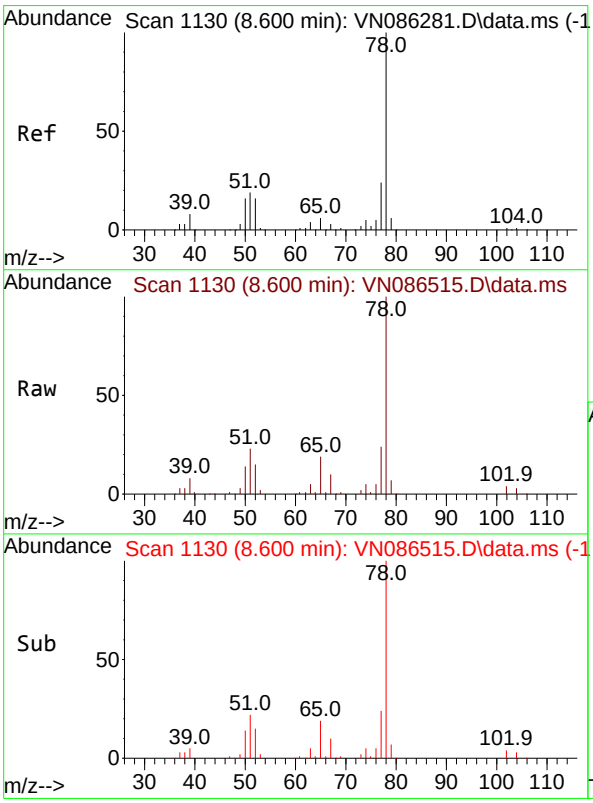
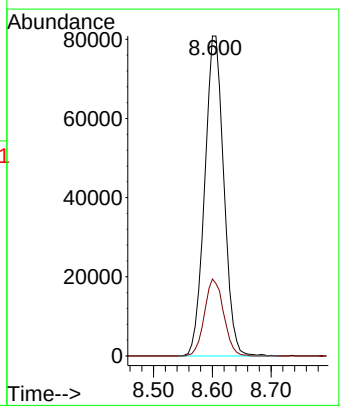
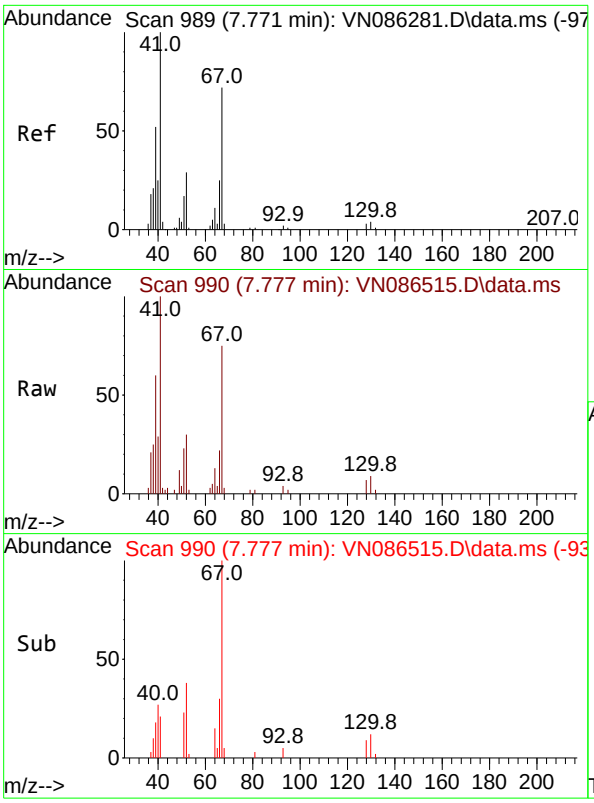


#40
Benzene
Concen: 18.346 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 78 Resp: 182406

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2

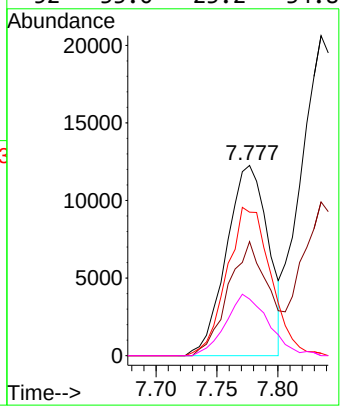




#41
Methacrylonitrile
Concen: 15.480 ug/l
RT: 7.777 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 41 Resp: 2931

Ion	Ratio	Lower	Upper
41	100		
39	59.9	43.0	64.4
67	82.0	58.8	88.2
52	33.0	23.2	34.8



Instrument :
MSVOA_N
ClientSampleId :
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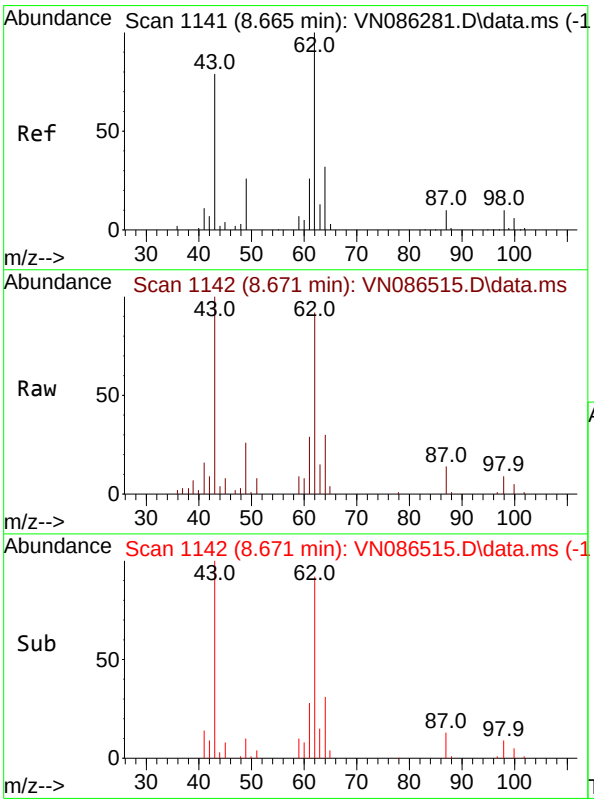
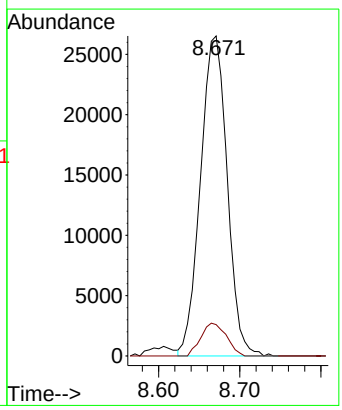
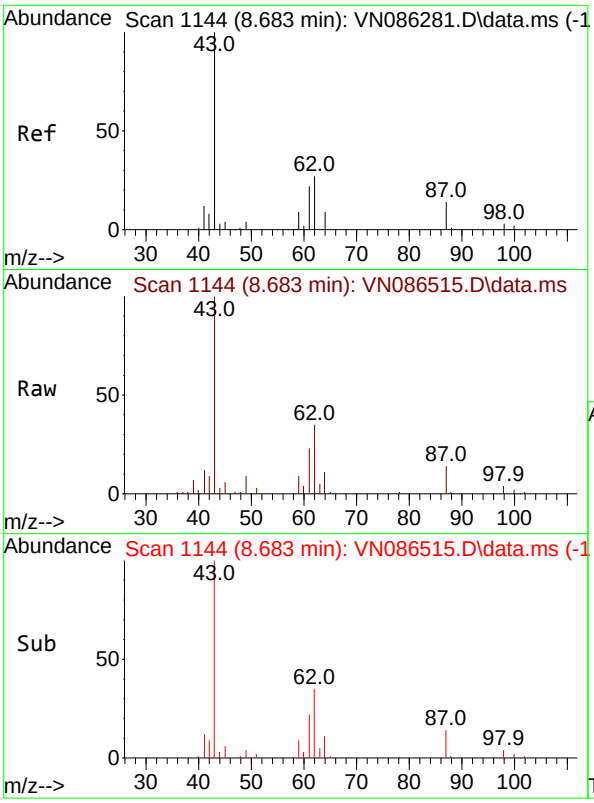


#42
1,2-Dichloroethane
Concen: 19.149 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 62 Resp: 60715

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2





#43
Isopropyl Acetate
Concen: 17.407 ug/l
RT: 8.683 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 11068

Ion	Ratio	Lower	Upper
43	100		
61	24.2	20.5	30.7
87	13.1	10.5	15.7

Instrument :
MSVOA_N
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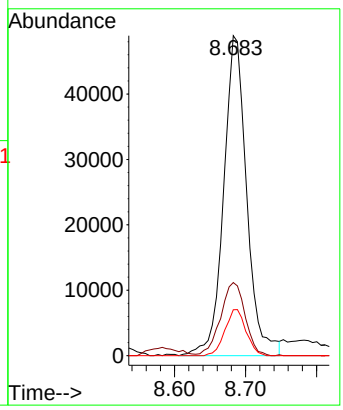
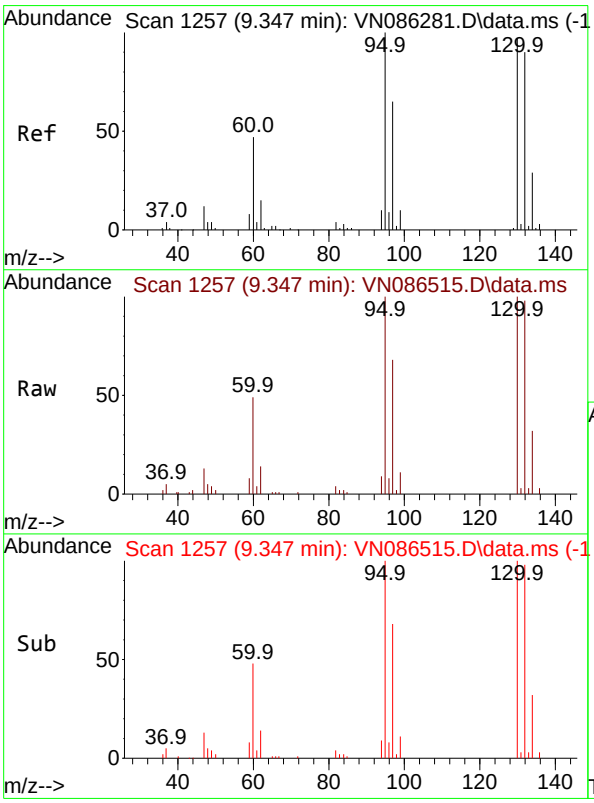
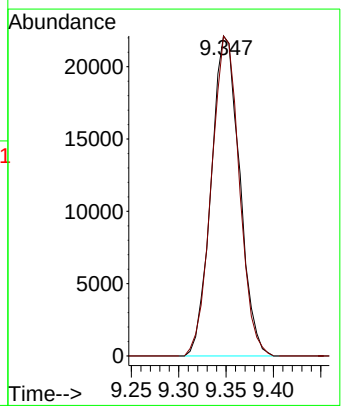


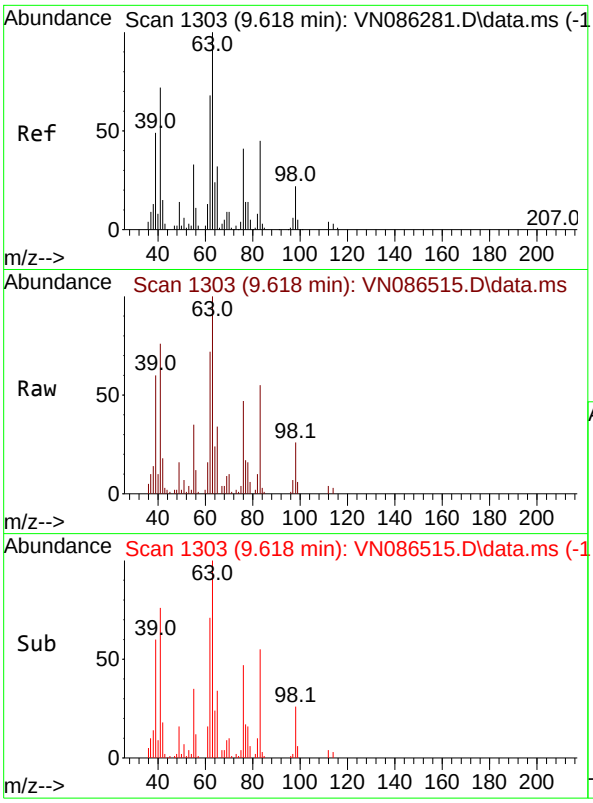


#44
Trichloroethene
Concen: 19.563 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:130 Resp: 46102

Ion	Ratio	Lower	Upper
130	100		
95	99.9	0.0	207.2





#45
1,2-Dichloropropane
Concen: 17.481 ug/l
RT: 9.618 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 63 Resp: 4254

Ion	Ratio	Lower	Upper
63	100		
65	33.6	25.4	38.2

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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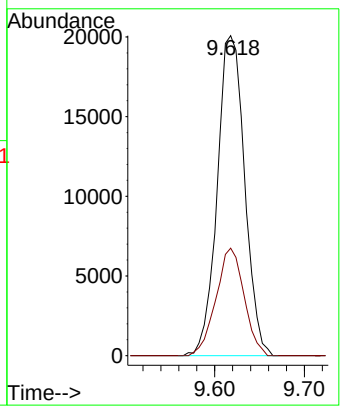
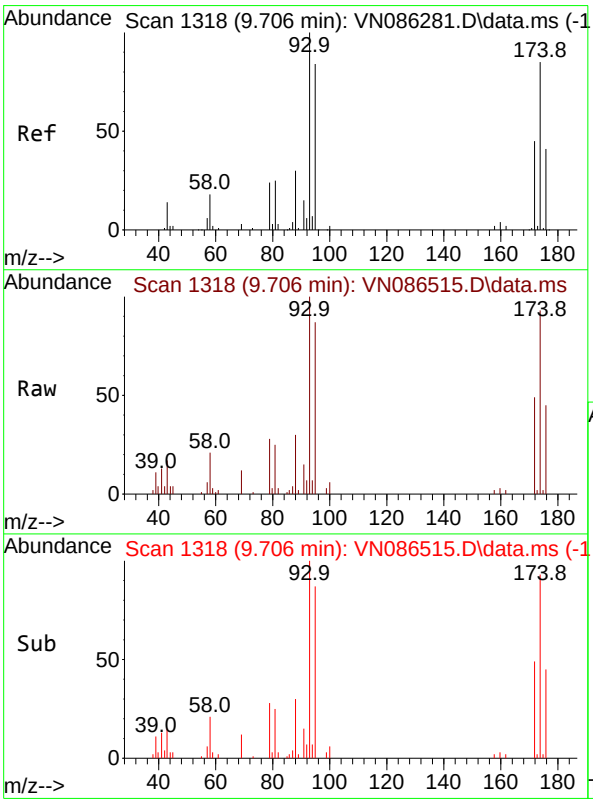
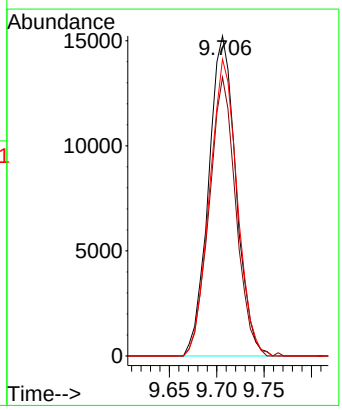


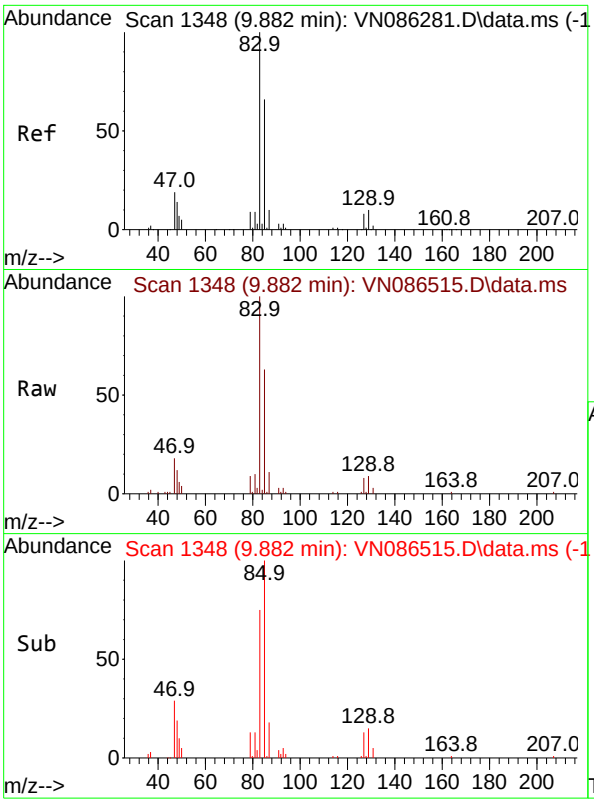


#46
Dibromomethane
Concen: 19.835 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 93 Resp: 30758

Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.2	99.4
174	93.1	67.8	101.6

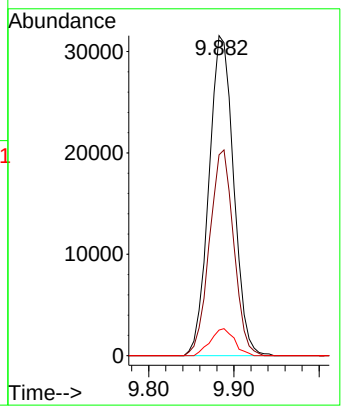




#47
Bromodichloromethane
Concen: 18.970 ug/l
RT: 9.882 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 83 Resp: 6353

Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.6	78.8
127	8.0	6.1	9.1



Instrument :
MSVOA_N
ClientSampleId :
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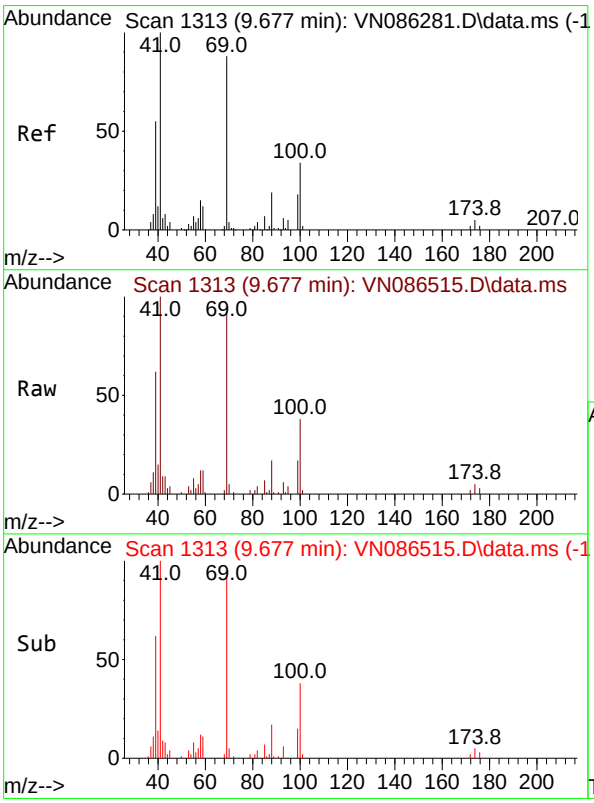
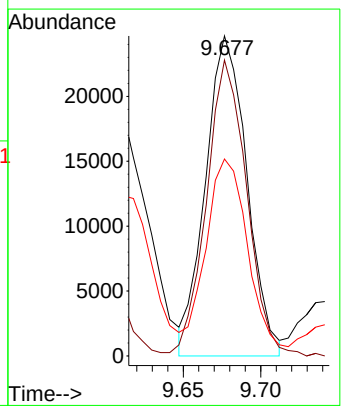
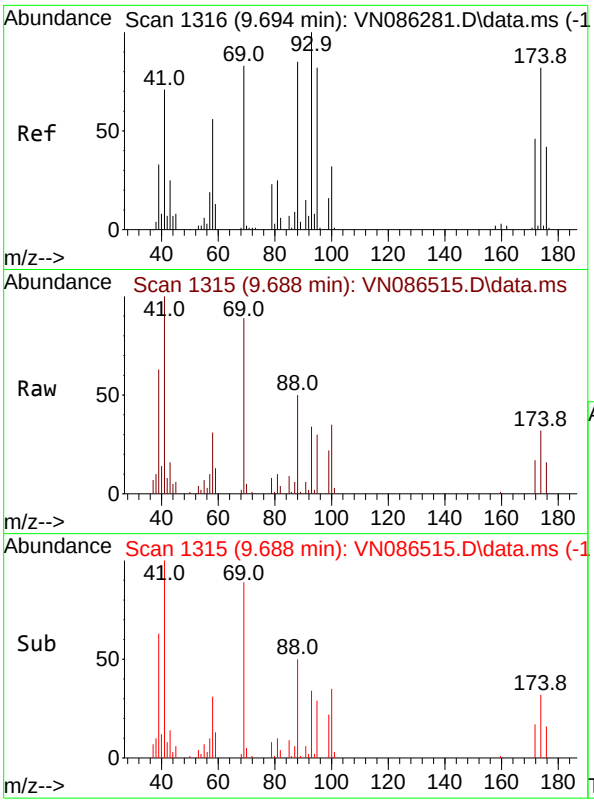


#48
Methyl methacrylate
Concen: 15.974 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 41 Resp: 45829

Ion	Ratio	Lower	Upper
41	100		
69	90.1	68.2	102.2
39	63.5	45.2	67.8





#49
1,4-Dioxane
Concen: 366.317 ug/l
RT: 9.688 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 88 Resp: 1787

Ion	Ratio	Lower	Upper
88	100		
43	21.0	23.8	35.8
58	66.0	57.4	86.2

Instrument :
MSVOA_N
ClientSampleId :
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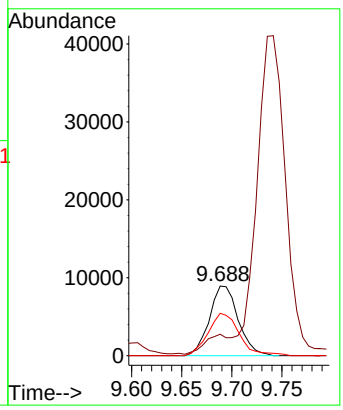
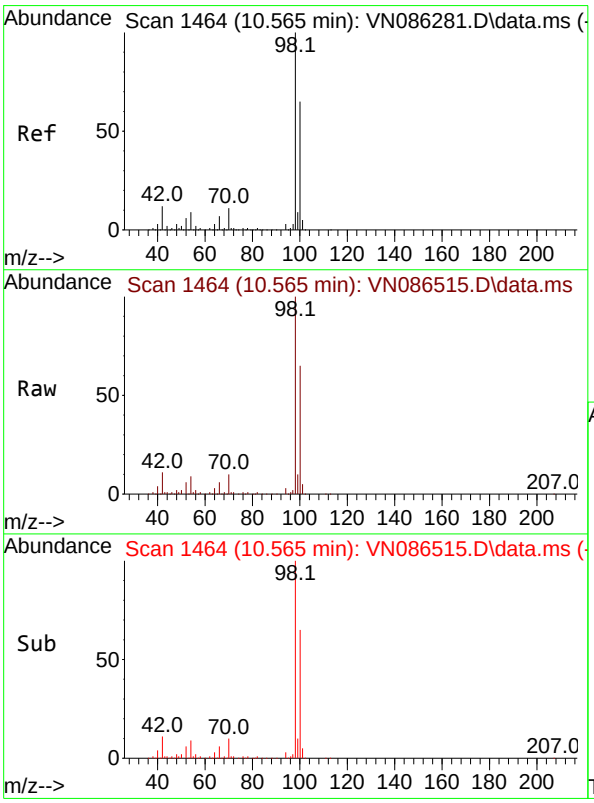
Supervised By :Mahesh Dadoda 05/07/2025

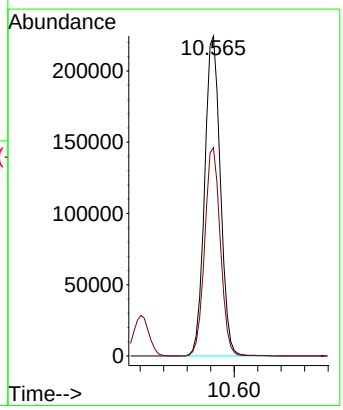


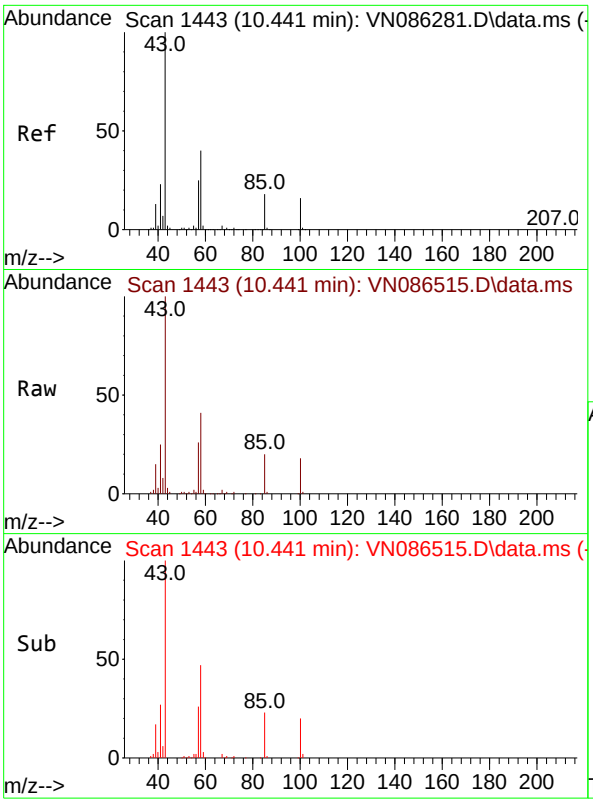


#50
Toluene-d8
Concen: 50.221 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 98 Resp: 417017

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.5	78.7

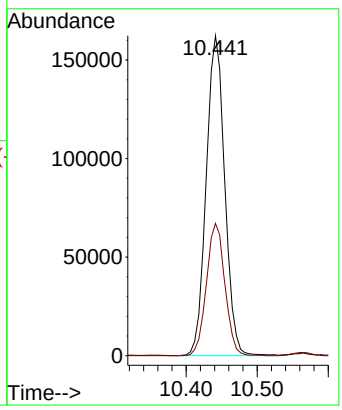




#51
4-Methyl-2-Pentanone
Concen: 88.088 ug/l
RT: 10.441 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 29469

Ion	Ratio	Lower	Upper
43	100		
58	41.1	32.2	48.4



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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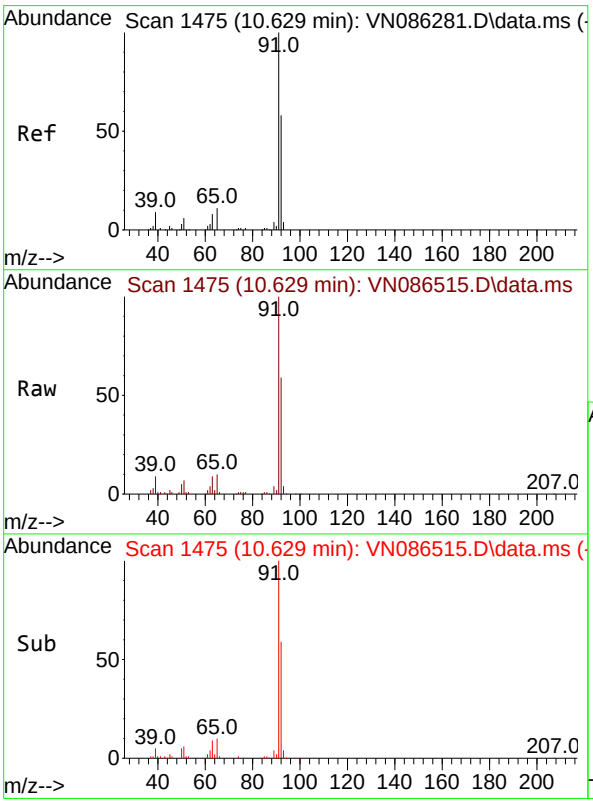
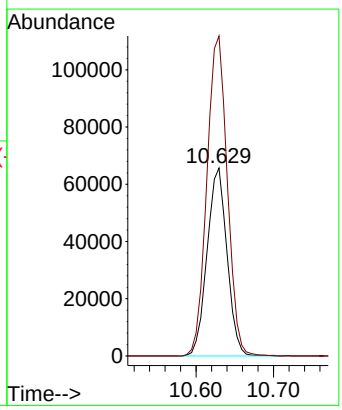
Supervised By :Mahesh Dadoda 05/07/2025

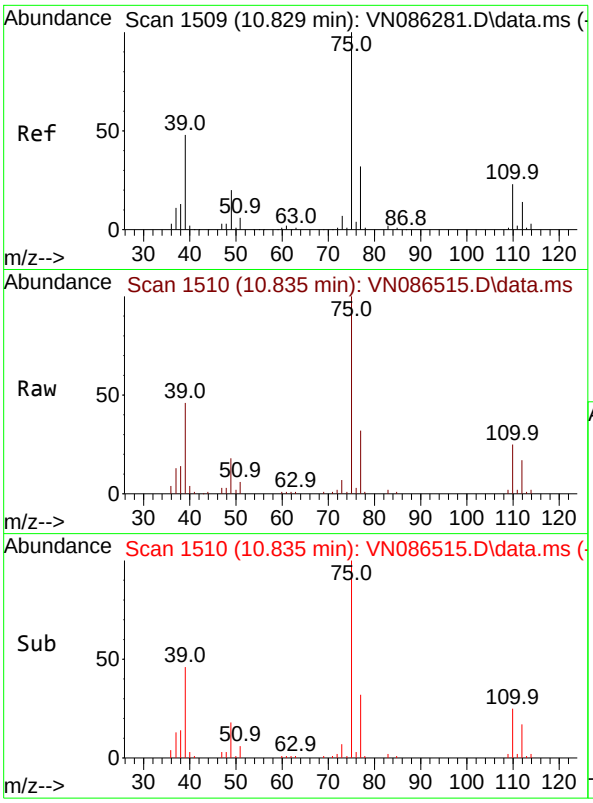


#52
Toluene
Concen: 18.971 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 92 Resp: 117697

Ion	Ratio	Lower	Upper
92	100		
91	174.4	137.3	205.9

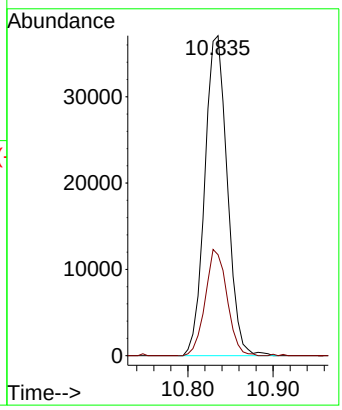




#53
t-1,3-Dichloropropene
Concen: 18.188 ug/l
RT: 10.835 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 75 Resp: 6799

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.0



Instrument :
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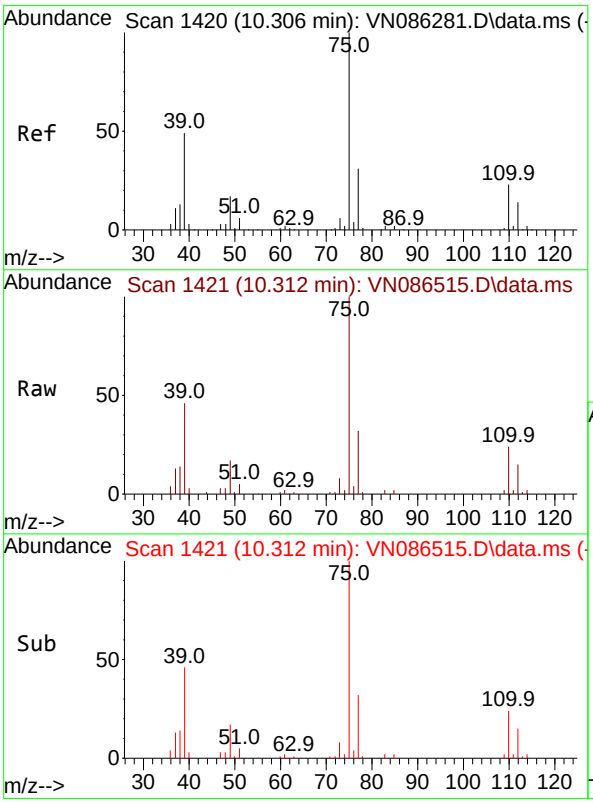
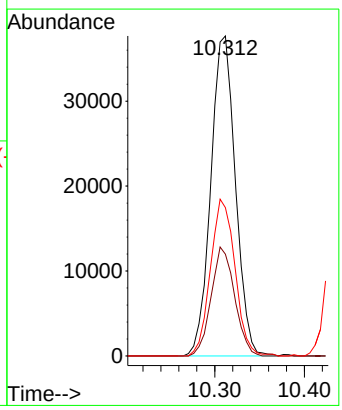
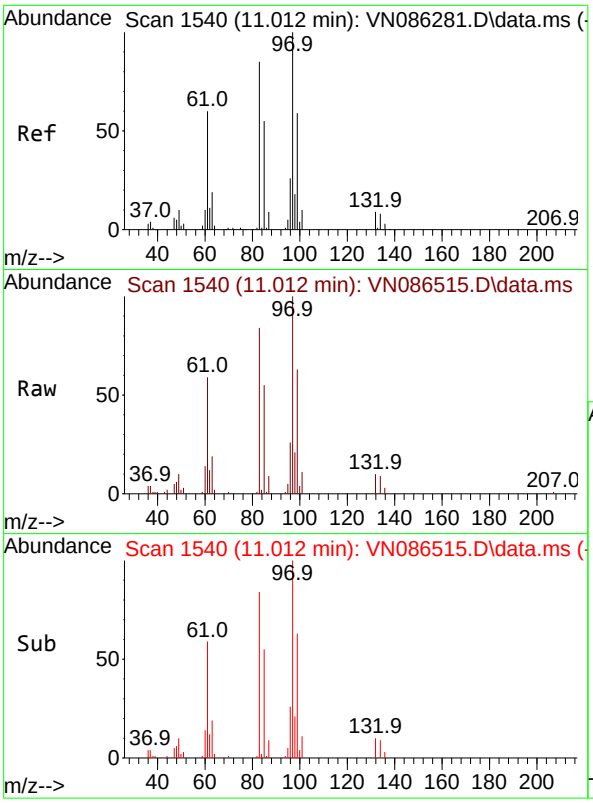


#54
cis-1,3-Dichloropropene
Concen: 17.477 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 75 Resp: 71768

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.2	37.8
39	46.4	39.3	58.9

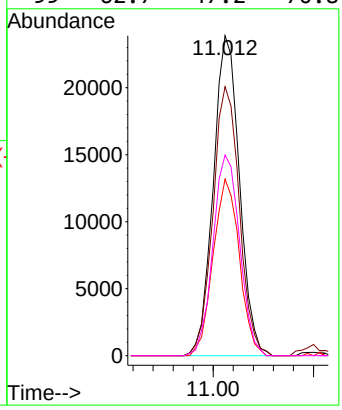




#55
1,1,2-Trichloroethane
Concen: 19.372 ug/l
RT: 11.012 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 97 Resp: 4324

Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.4	102.6
85	55.2	43.9	65.9
99	62.7	47.2	70.8



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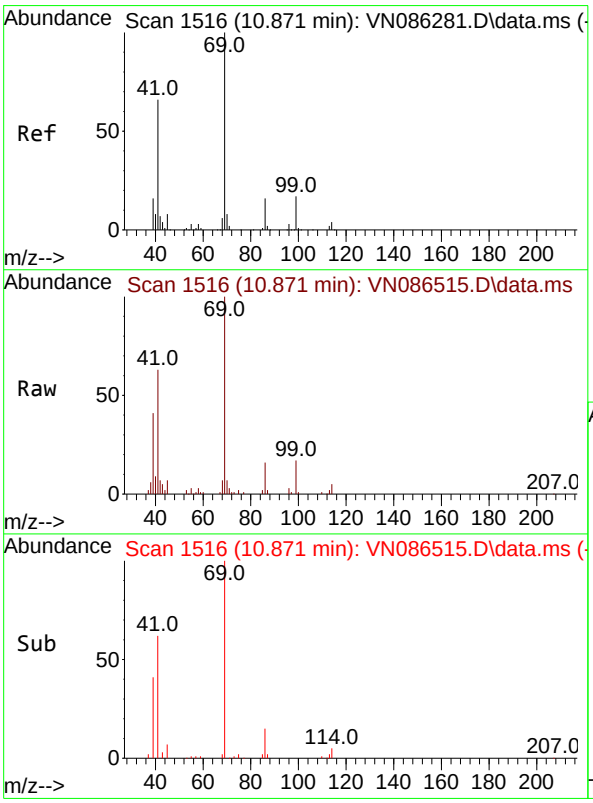
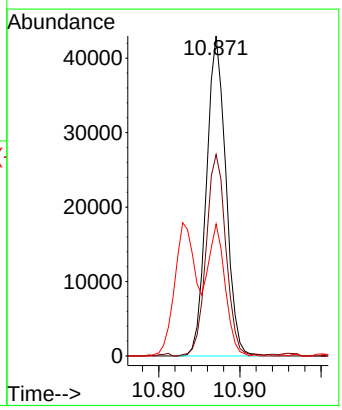
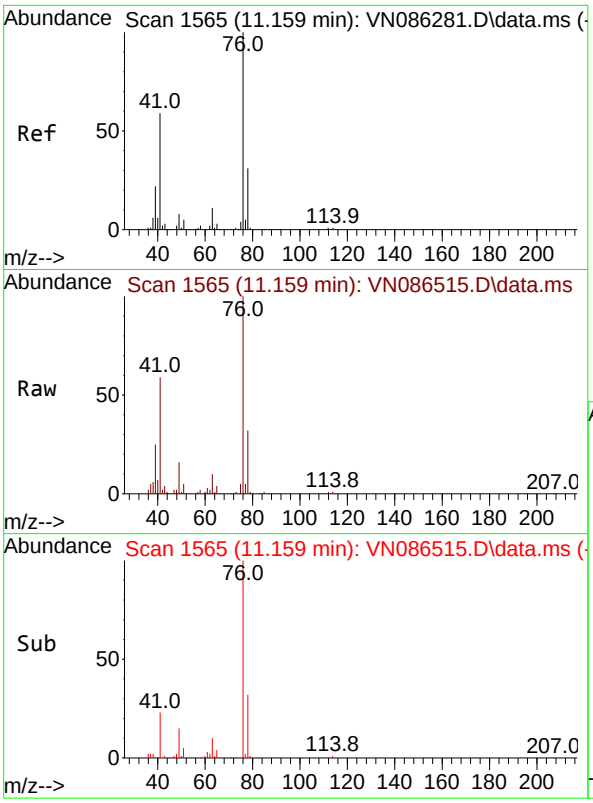


#56
Ethyl methacrylate
Concen: 17.352 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 69 Resp: 71193

Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.7	77.5
39	36.6	26.3	39.5

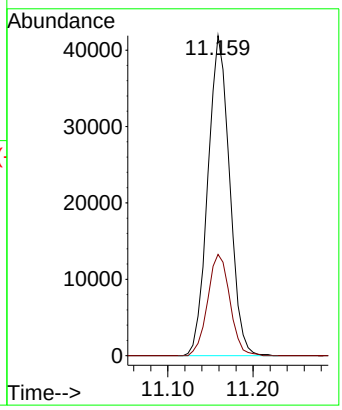




#57
1,3-Dichloropropane
Concen: 18.709 ug/l
RT: 11.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 76 Resp: 7409

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.6	38.4



Instrument :
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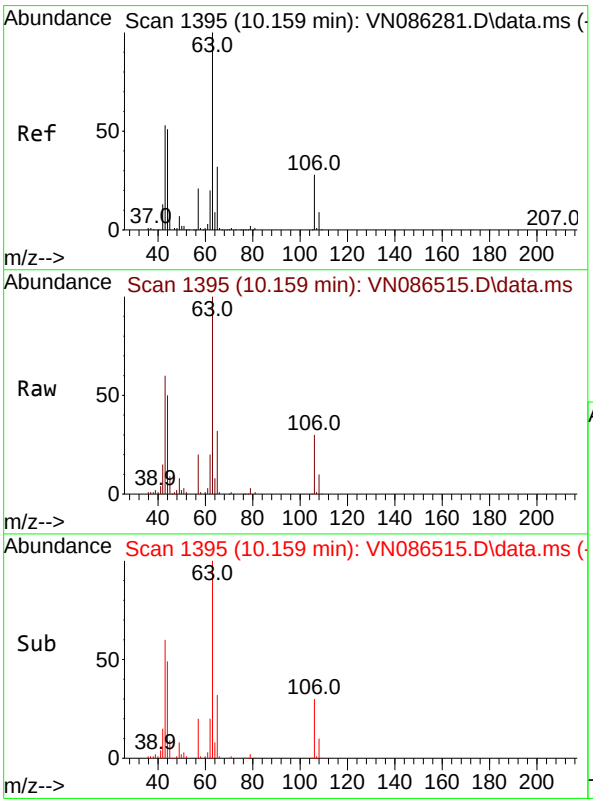
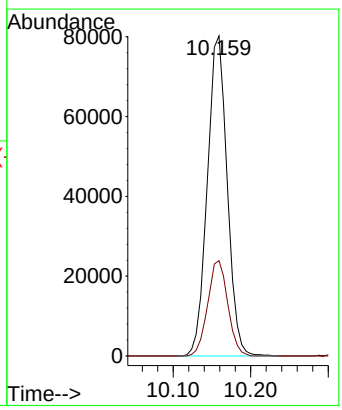
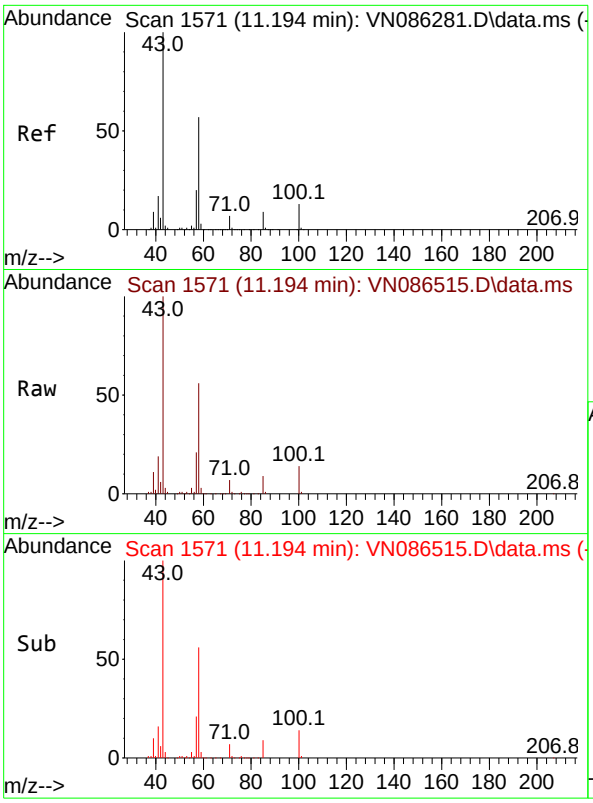


#58
2-Chloroethyl Vinyl ether
Concen: 73.385 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 63 Resp: 142910

Ion	Ratio	Lower	Upper
63	100		
106	30.1	22.2	33.2

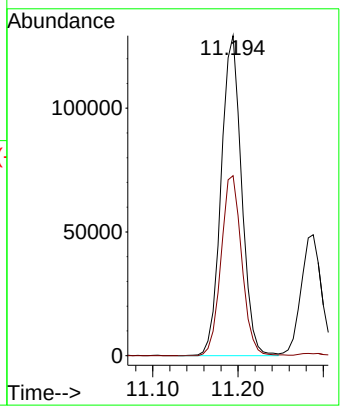




#59
2-Hexanone
Concen: 86.777 ug/l
RT: 11.194 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 21533

Ion	Ratio	Lower	Upper
43	100		
58	57.0	28.3	85.0



Instrument :
MSVOA_N
ClientSampleId :
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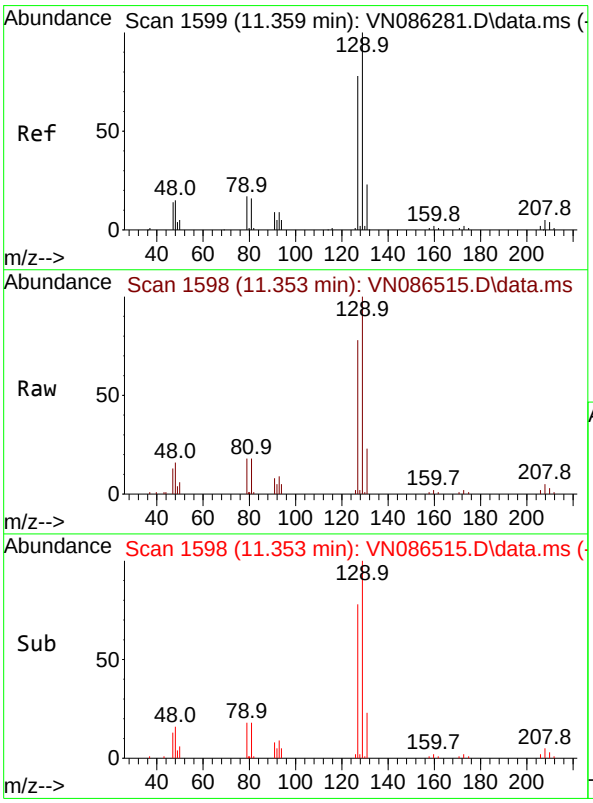
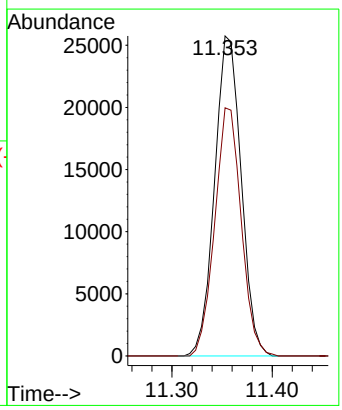
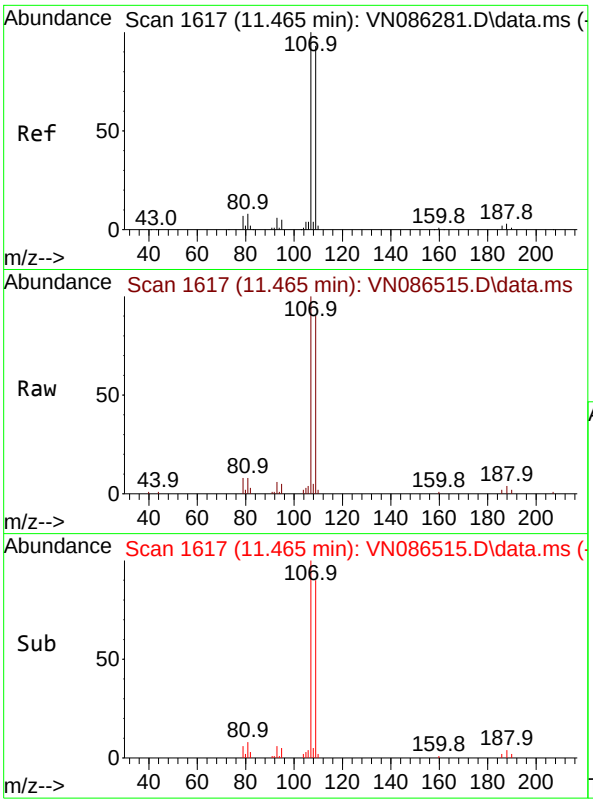


#60
Dibromochloromethane
Concen: 19.349 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:129 Resp: 47427

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.7	116.1

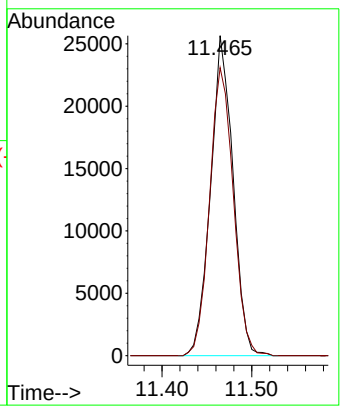




#61
1,2-Dibromoethane
Concen: 19.761 ug/l
RT: 11.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:107 Resp: 4450

Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.4	113.0



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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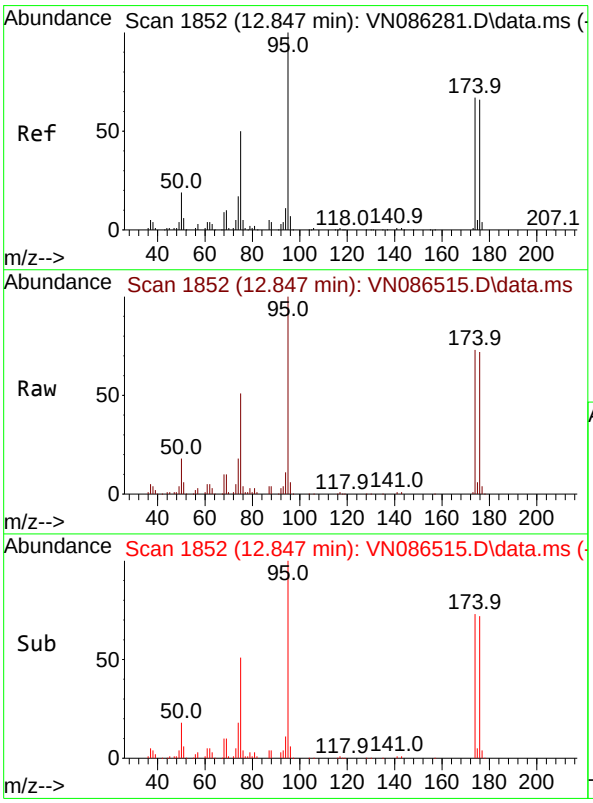
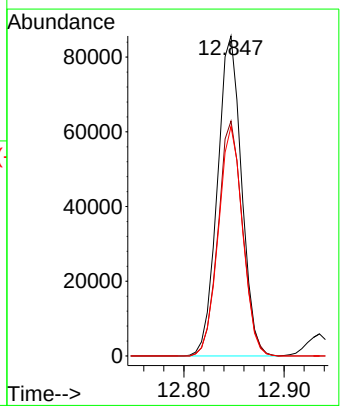
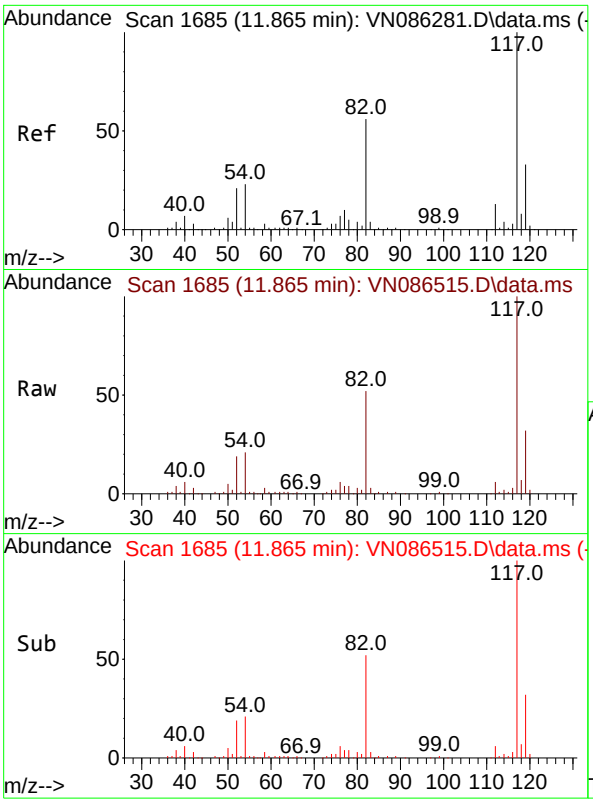


#62
4-Bromofluorobenzene
Concen: 47.169 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 95 Resp: 142861

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	133.4
176	72.1	0.0	129.2

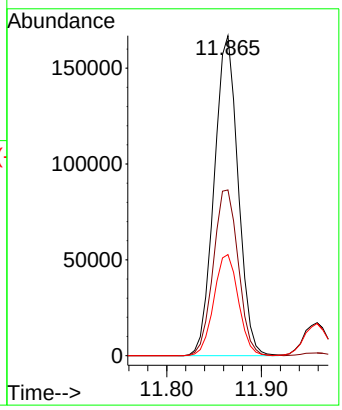




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:117 Resp: 29330

Ion	Ratio	Lower	Upper
117	100		
82	51.8	44.7	67.1
119	31.6	26.4	39.6



Instrument :
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ClientSampleId :
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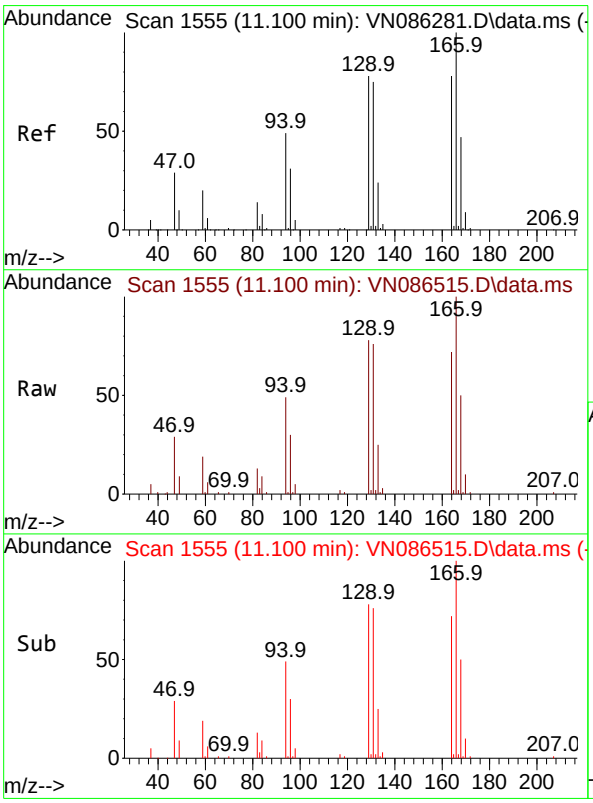
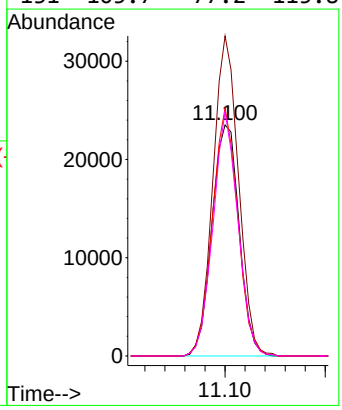
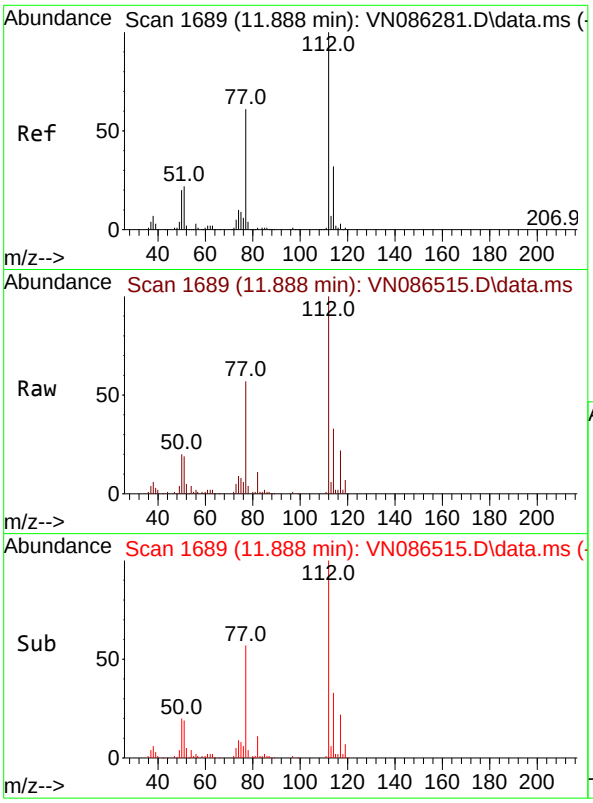


#64
Tetrachloroethene
Concen: 19.563 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:164 Resp: 44136

Ion	Ratio	Lower	Upper
164	100		
166	138.5	103.0	154.4
129	107.4	80.1	120.1
131	105.7	77.2	115.8

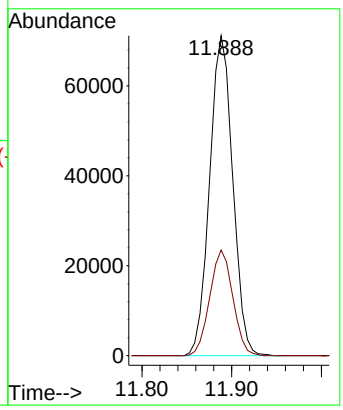




#65
Chlorobenzene
Concen: 19.446 ug/l
RT: 11.888 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:112 Resp: 12728

Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.4	38.0



Instrument :
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ClientSampleId :
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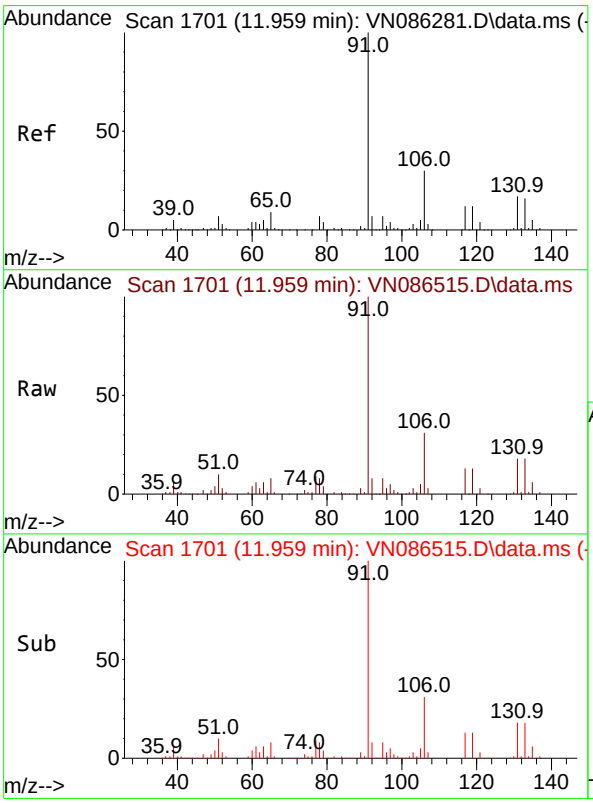
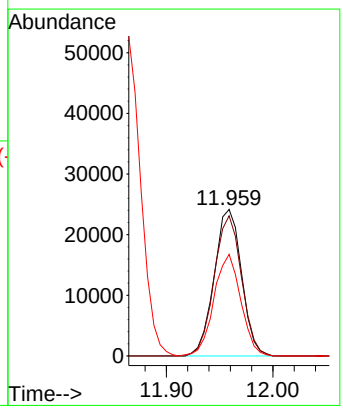
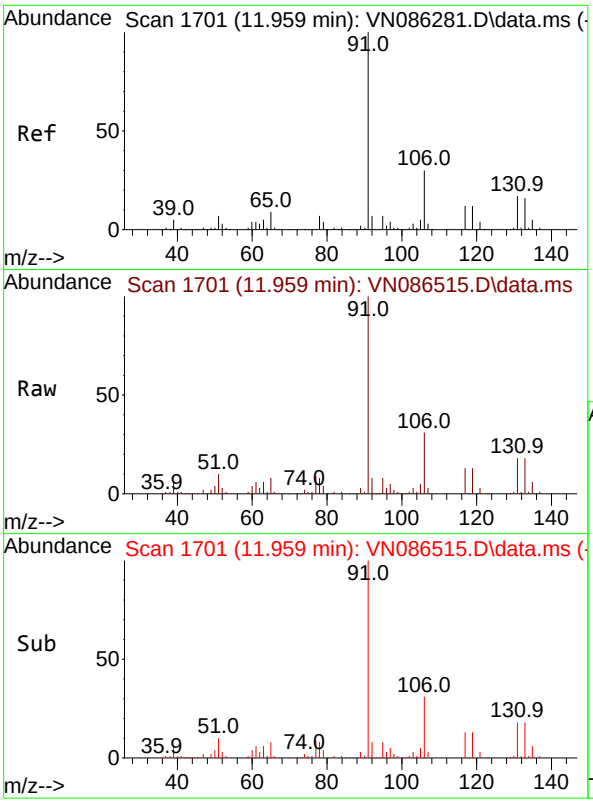


#66
1,1,1,2-Tetrachloroethane
Concen: 19.999 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:131 Resp: 43186

Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.1	141.3
119	68.0	33.8	101.4

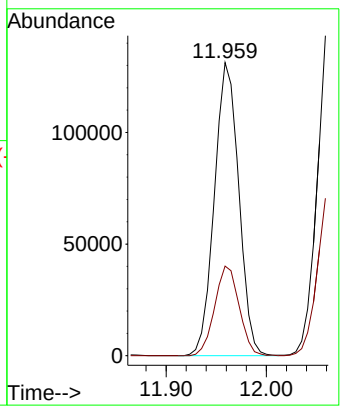




#67
Ethyl Benzene
Concen: 18.765 ug/l
RT: 11.959 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 91 Resp: 22164

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.3	36.5



Instrument :
MSVOA_N
ClientSampleId :
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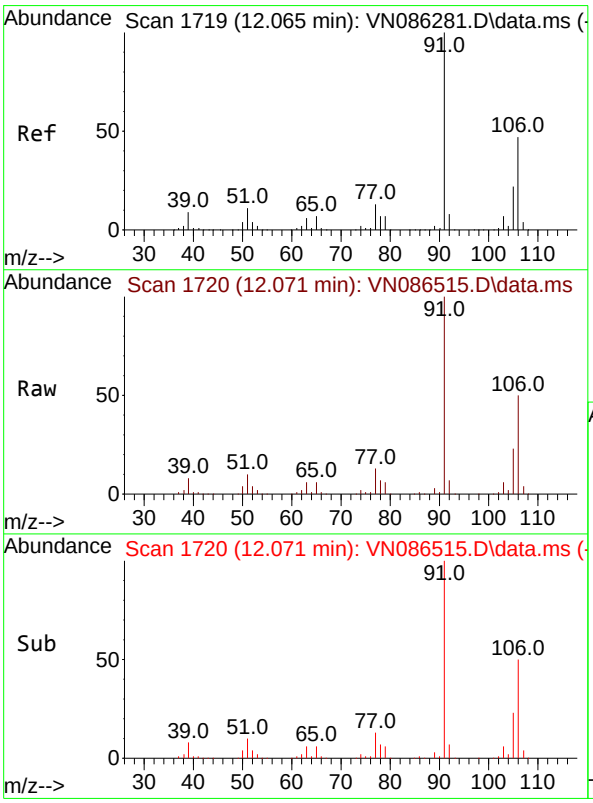
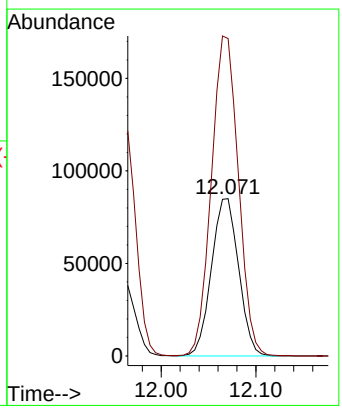
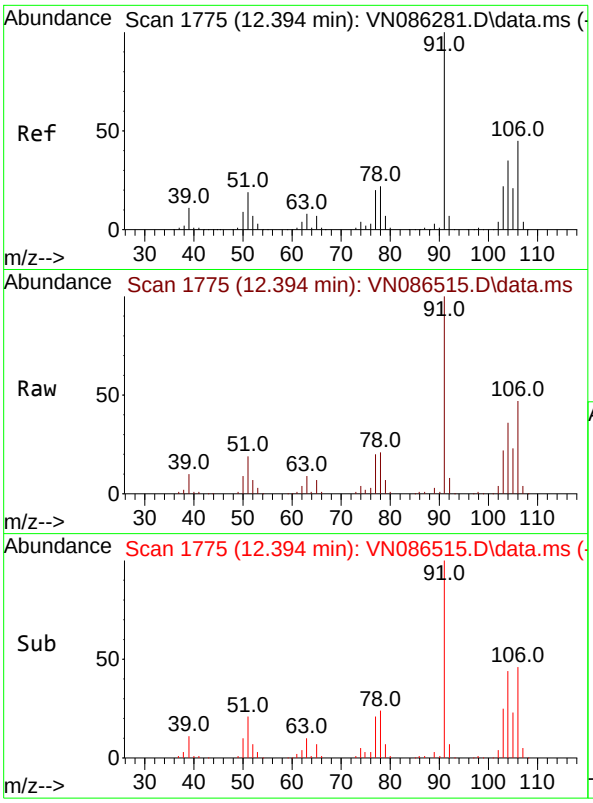


#68
m/p-Xylenes
Concen: 38.246 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:106 Resp: 169269

Ion	Ratio	Lower	Upper
106	100		
91	202.6	166.5	249.7

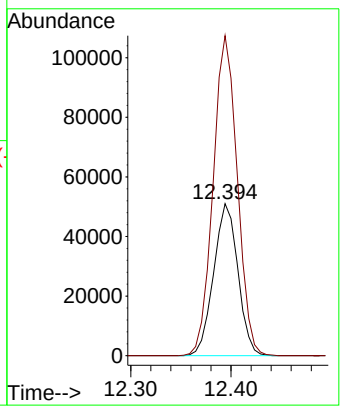




#69
o-Xylene
Concen: 19.523 ug/l
RT: 12.394 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:106 Resp: 8544

Ion	Ratio	Lower	Upper
106	100		
91	210.0	109.7	329.0



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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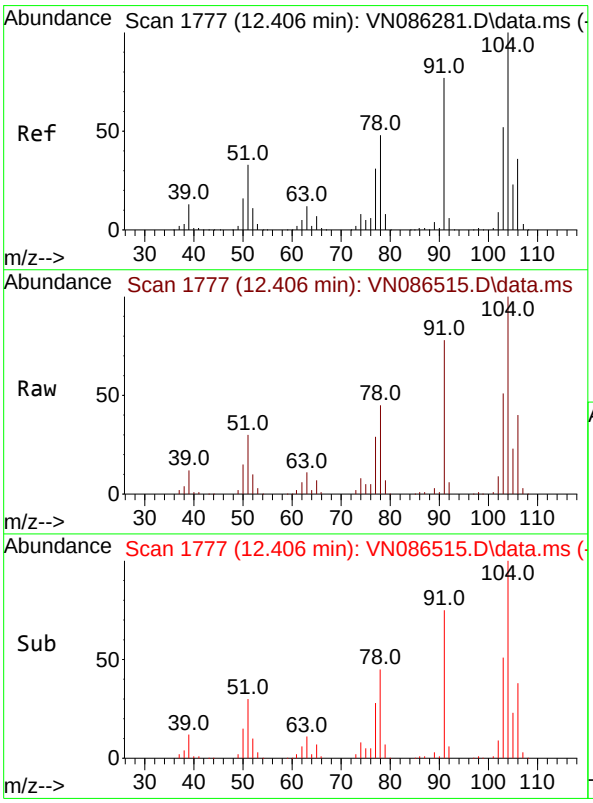
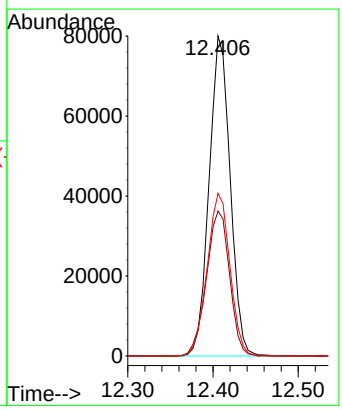
Supervised By :Mahesh Dadoda 05/07/2025

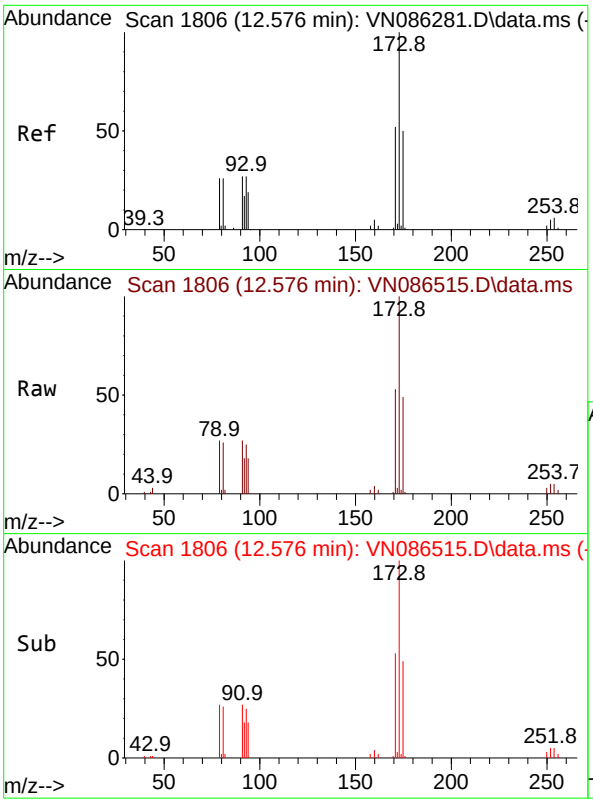


#70
Styrene
Concen: 18.834 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:104 Resp: 137352

Ion	Ratio	Lower	Upper
104	100		
78	49.7	40.6	61.0
103	54.9	43.6	65.4

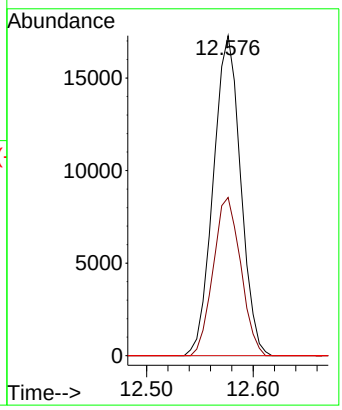




#71
Bromoform
Concen: 18.943 ug/l
RT: 12.576 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:173 Resp: 3079

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.6	73.6
254	0.0	0.0	0.0



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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Reviewed By :John Carlone 05/07/2025
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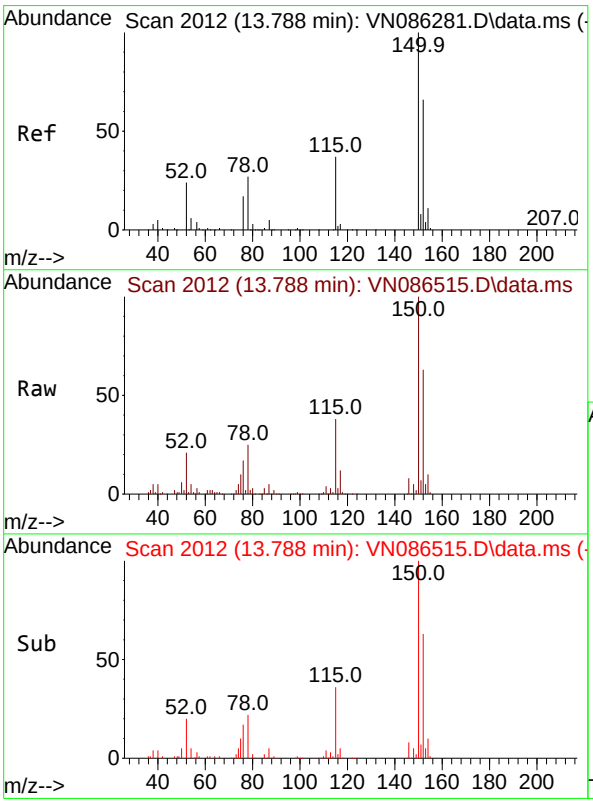
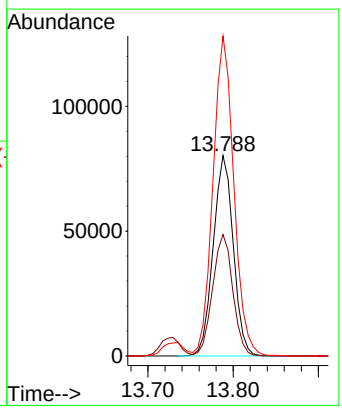
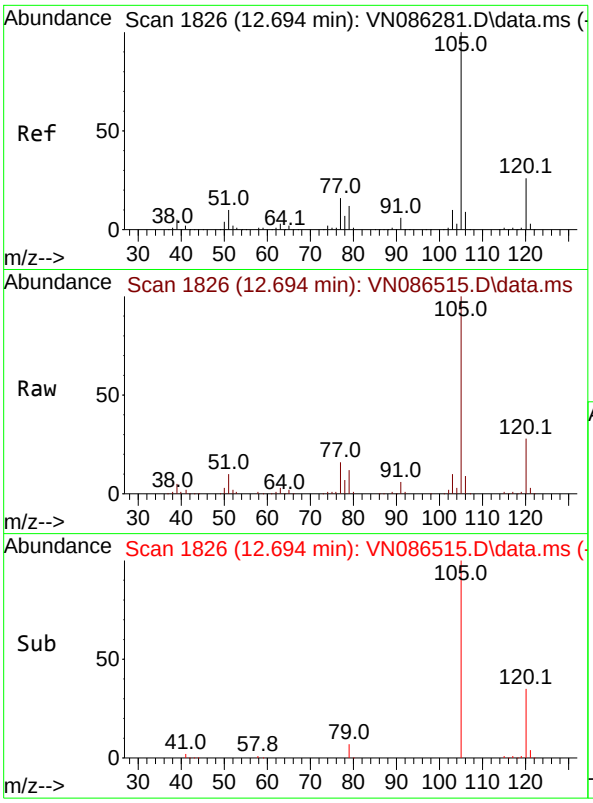


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:152 Resp: 131486

Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.9	95.9
150	165.5	0.0	352.0





#73
Isopropylbenzene
Concen: 19.277 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:105 Resp: 20733

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
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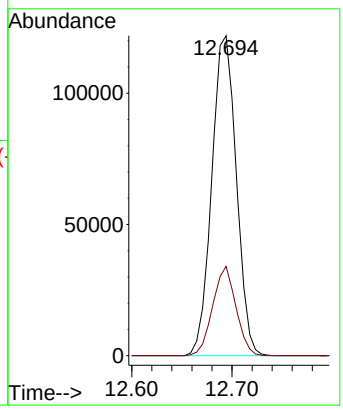
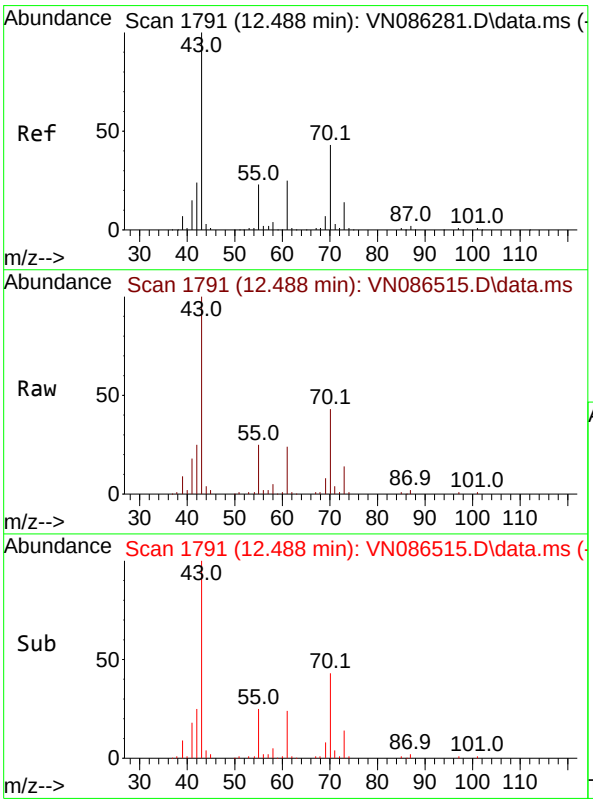
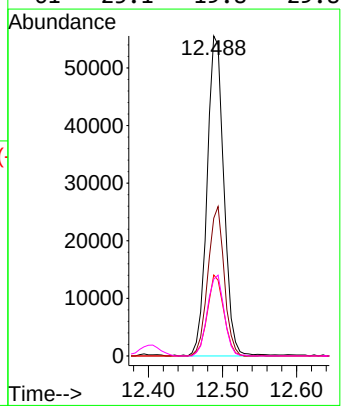


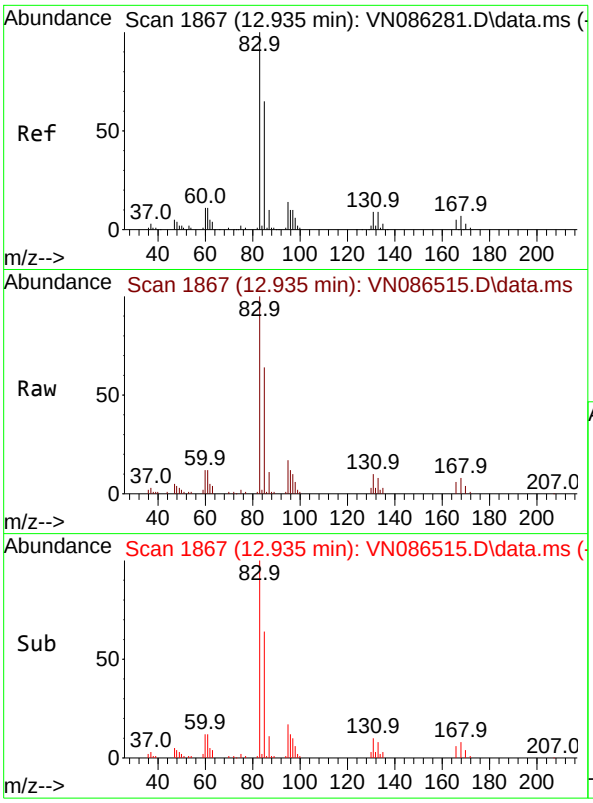


#74
N-amyl acetate
Concen: 16.331 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 43 Resp: 87445

Ion	Ratio	Lower	Upper
43	100		
70	45.0	35.0	52.4
55	24.8	19.0	28.4
61	25.1	19.8	29.8

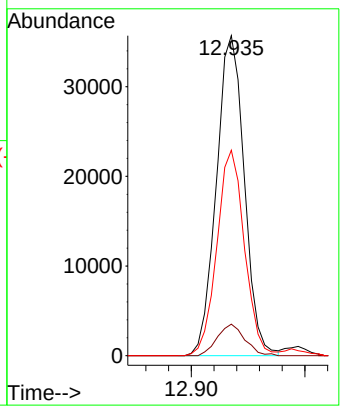




#75
1,1,2,2-Tetrachloroethane
Concen: 19.732 ug/l
RT: 12.935 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 83 Resp: 6102

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.7	14.1
85	63.3	32.7	98.1



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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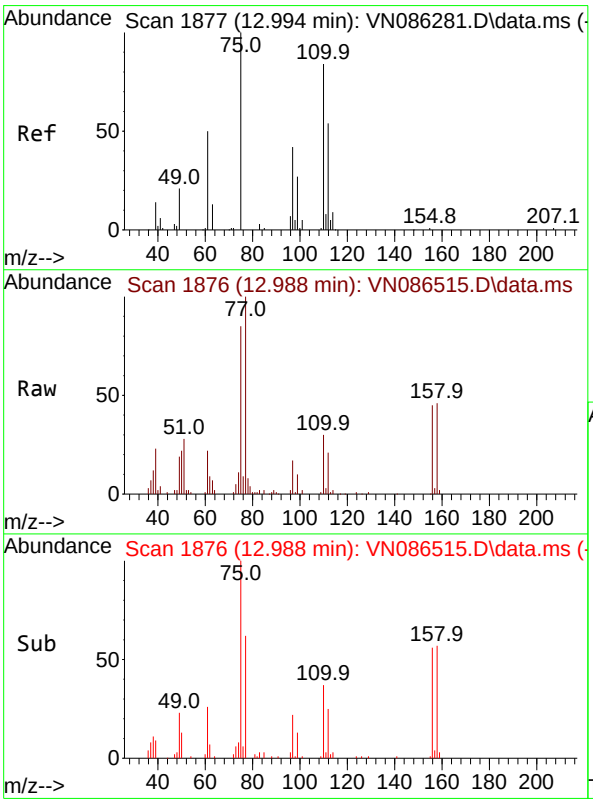
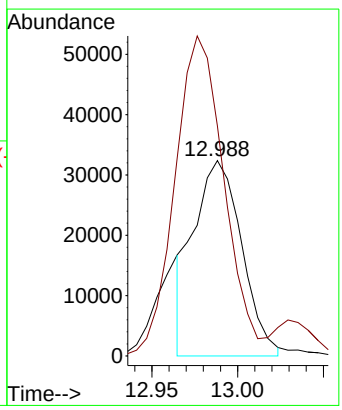
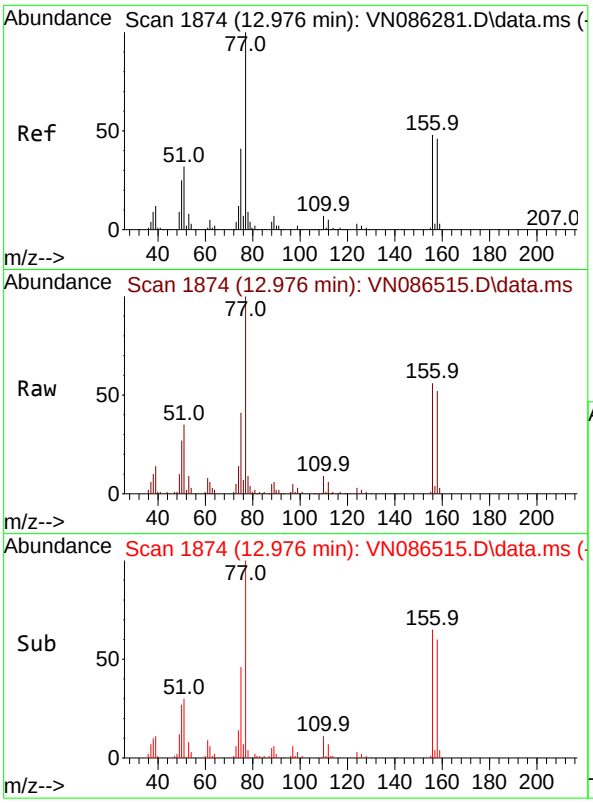


#76
1,2,3-Trichloropropane
Concen: 20.252 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 75 Resp: 62840

Ion	Ratio	Lower	Upper
75	100		
77	169.3	98.8	296.4

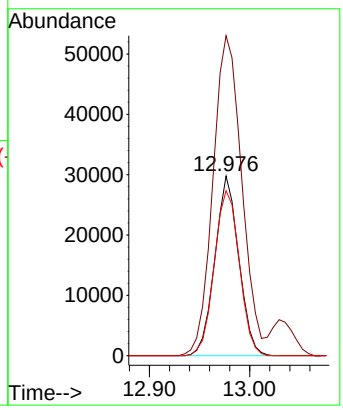




#77
Bromobenzene
Concen: 20.606 ug/l
RT: 12.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:156 Resp: 4910

Ion	Ratio	Lower	Upper
156	100		
77	216.6	121.1	363.1
158	96.5	47.9	143.6



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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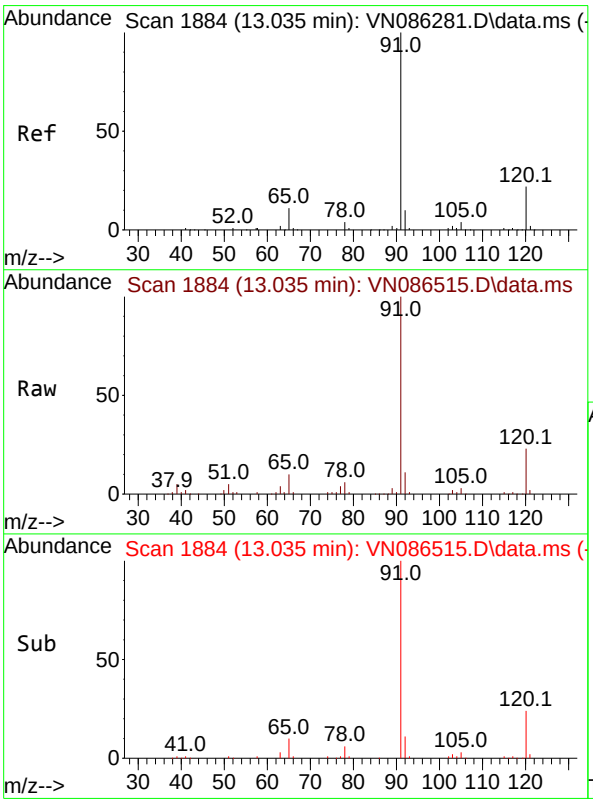
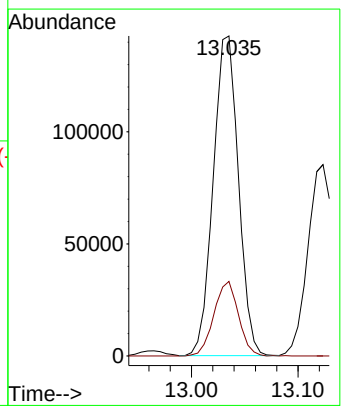
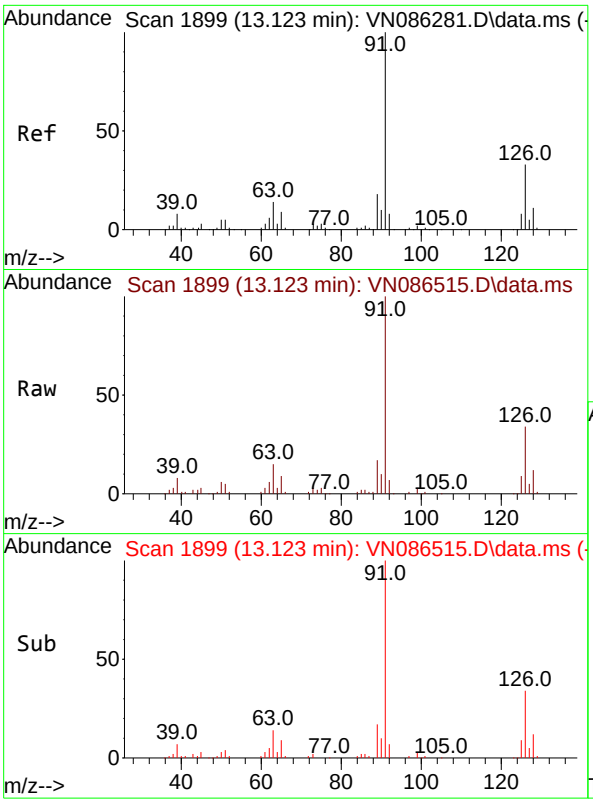


#78
n-propylbenzene
Concen: 18.477 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 91 Resp: 234190

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.1	33.3

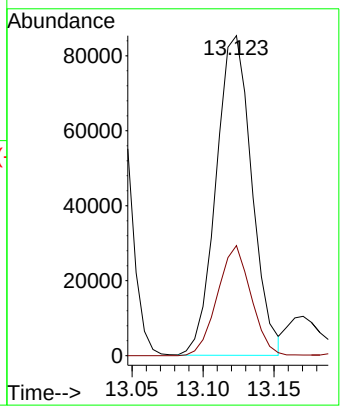




#79
2-Chlorotoluene
Concen: 18.835 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 91 Resp: 14938

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.1	48.2



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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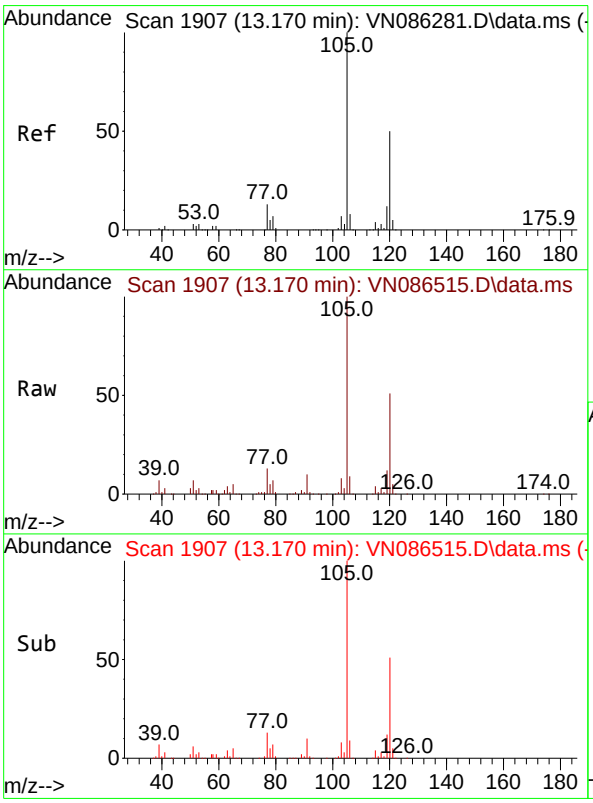
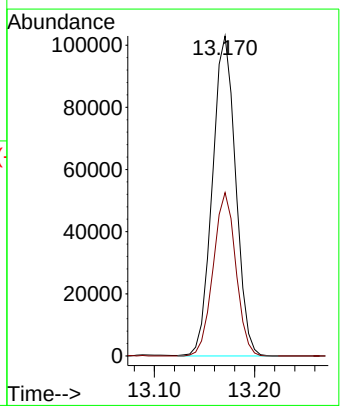
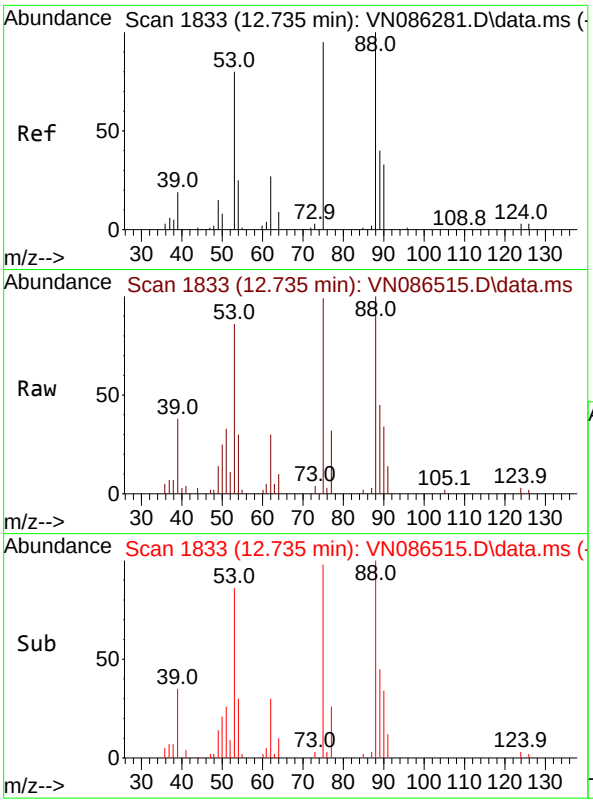


#80
1,3,5-Trimethylbenzene
Concen: 18.835 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:105 Resp: 165809

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.5	73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 18.948 ug/l
RT: 12.735 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 75 Resp: 2448

Ion	Ratio	Lower	Upper
75	100		
53	82.8	79.2	118.8
89	41.5	35.7	53.5

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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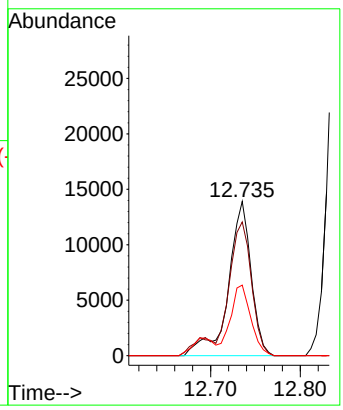
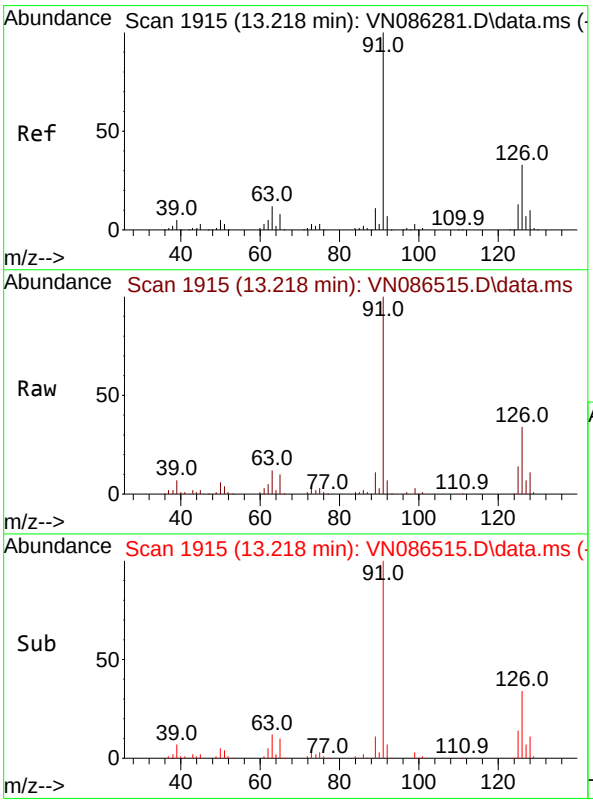
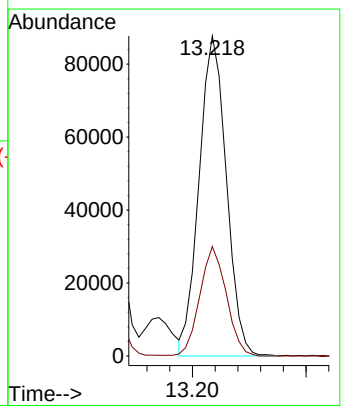


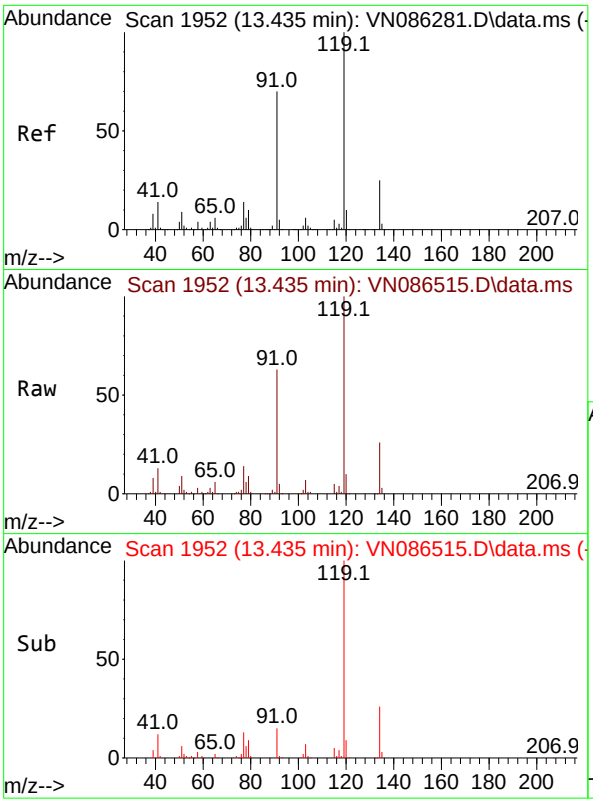


#82
4-Chlorotoluene
Concen: 18.552 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 91 Resp: 146156

Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.2	48.6





#83
tert-Butylbenzene
Concen: 19.062 ug/l
RT: 13.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:119 Resp: 14540

Ion	Ratio	Lower	Upper
119	100		
91	65.2	34.4	103.3
134	26.3	13.0	39.0

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
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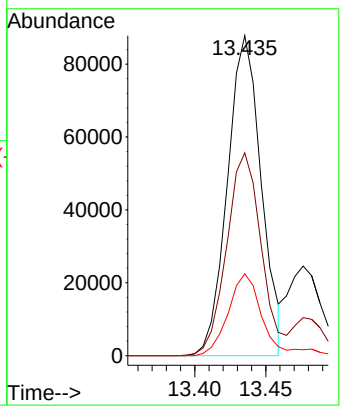
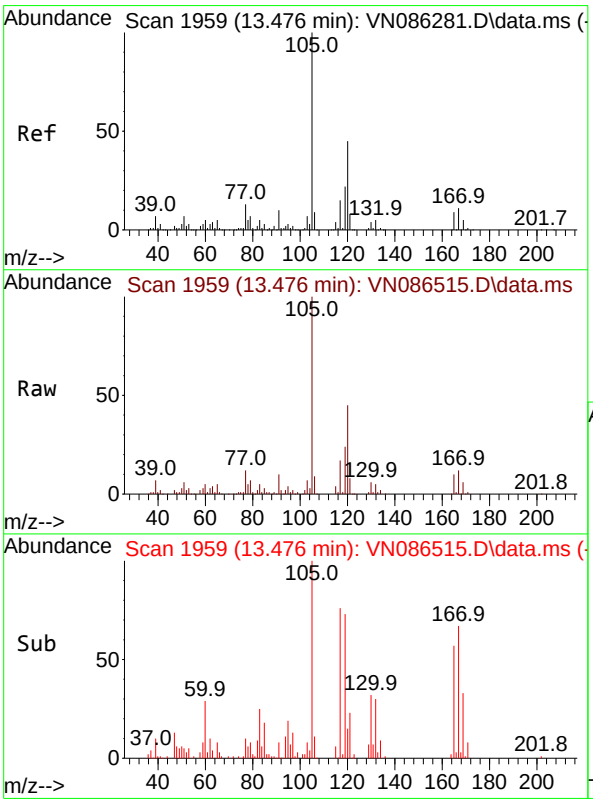
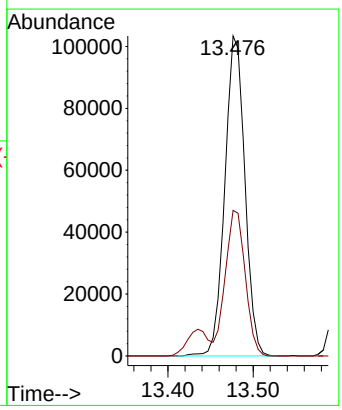


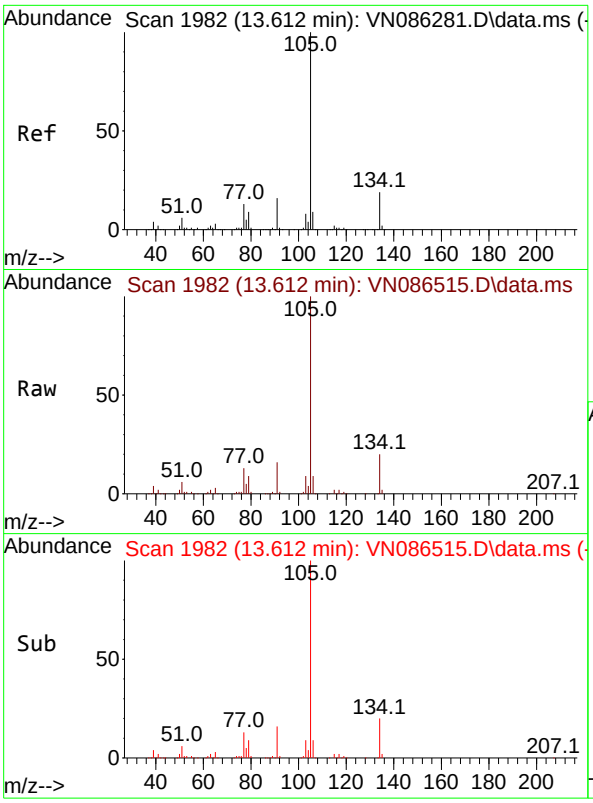


#84
1,2,4-Trimethylbenzene
Concen: 18.811 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:105 Resp: 168561

Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.4	67.3





#85
sec-Butylbenzene
Concen: 18.641 ug/l
RT: 13.612 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:105 Resp: 19723

Ion	Ratio	Lower	Upper
105	100		
134	20.5	9.7	29.1

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

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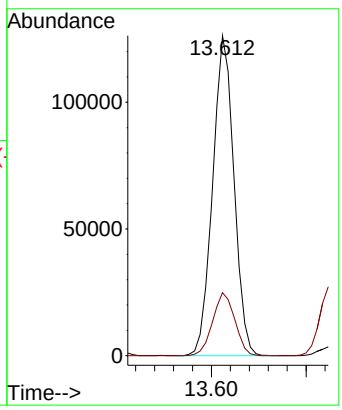
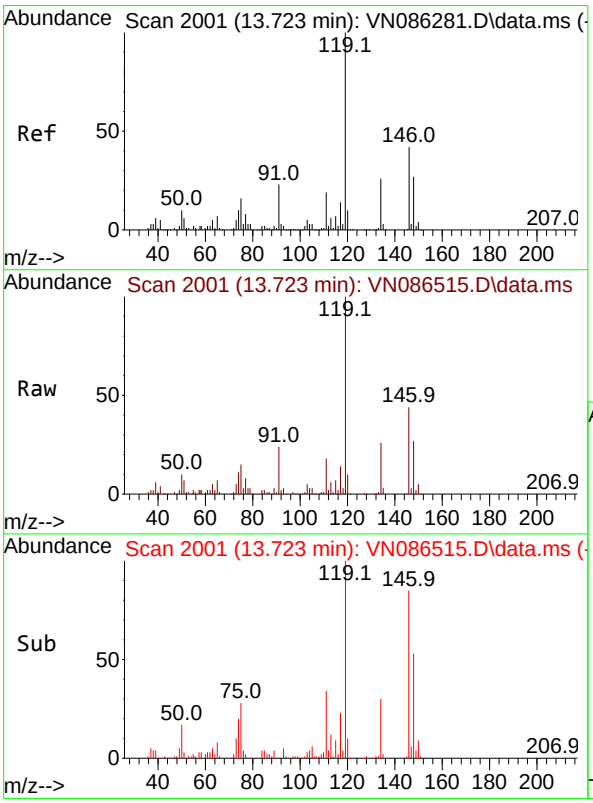
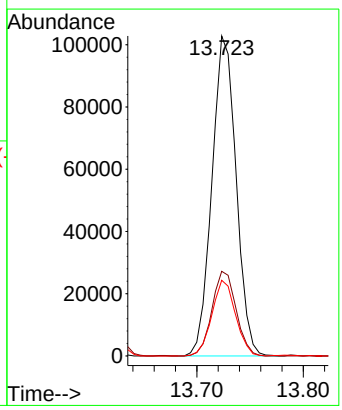


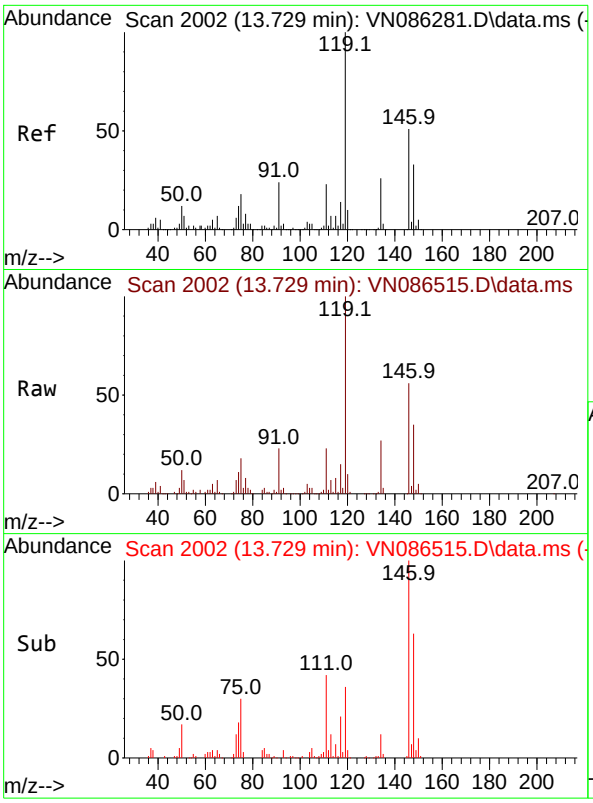


#86
p-Isopropyltoluene
Concen: 18.582 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:119 Resp: 162051

Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.1
91	23.2	11.9	35.9

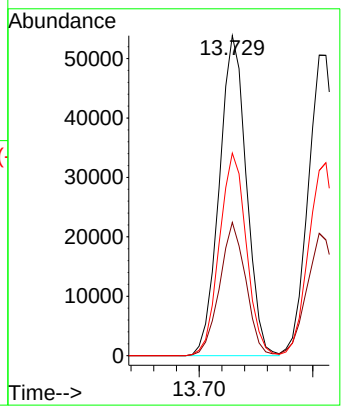




#87
1,3-Dichlorobenzene
Concen: 19.890 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:146 Resp: 8910

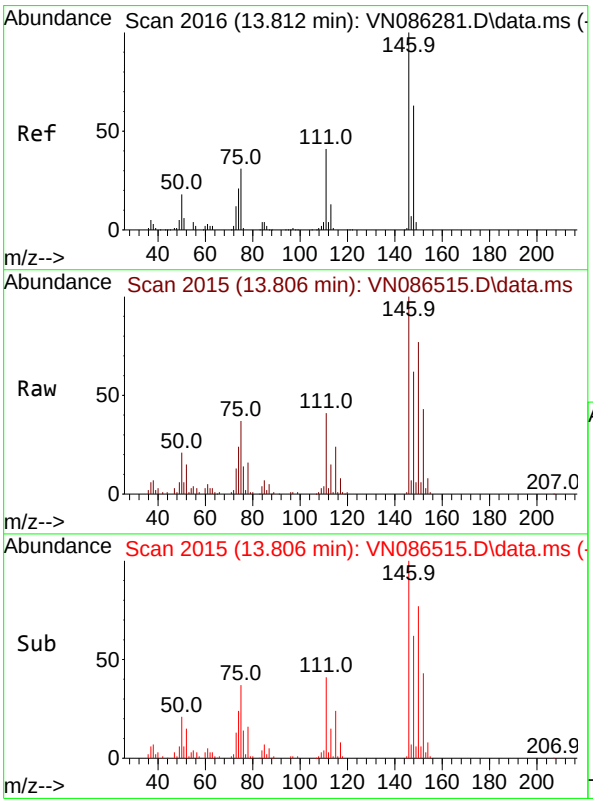
Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.9	65.7
148	63.0	31.9	95.5



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

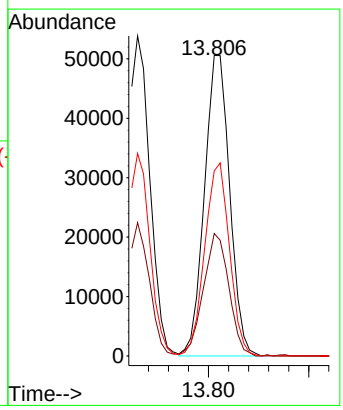
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

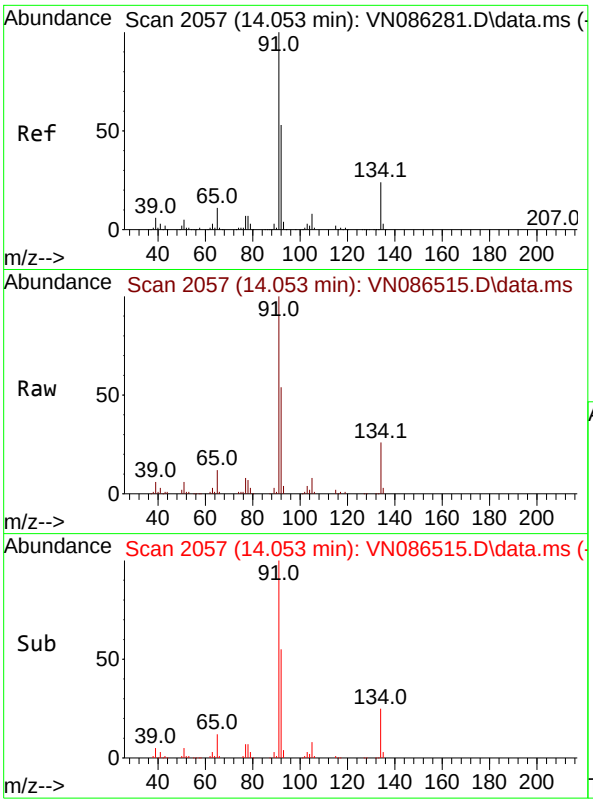


#88
1,4-Dichlorobenzene
Concen: 19.658 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:146 Resp: 88706

Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	63.9
148	63.0	31.9	95.9





#89
n-Butylbenzene
Concen: 17.335 ug/l
RT: 14.053 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

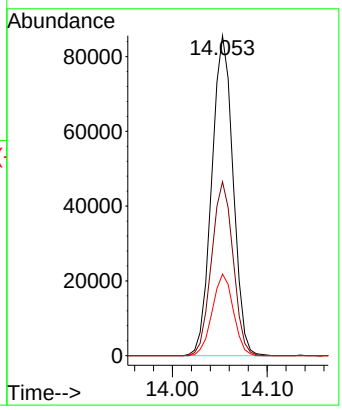
Tgt Ion: 91 Resp: 13400

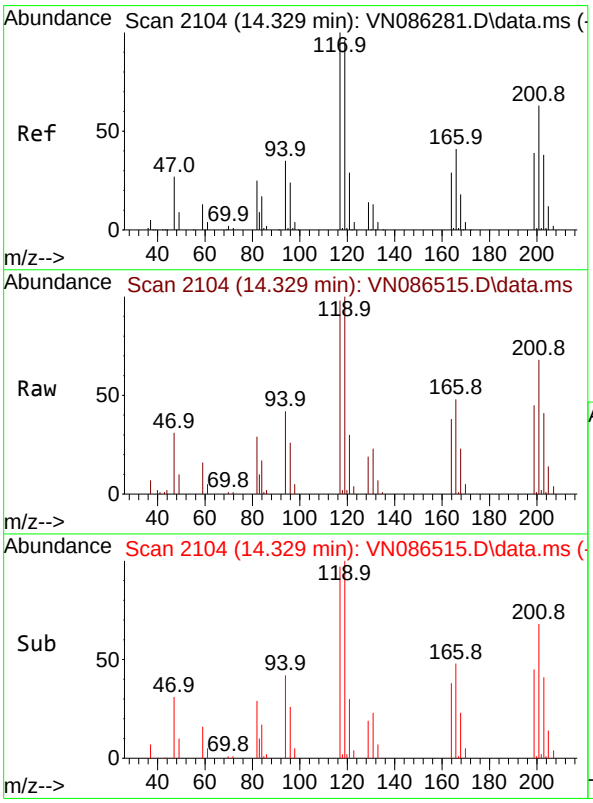
Ion	Ratio	Lower	Upper
91	100		
92	54.7	26.8	80.4
134	25.1	12.2	36.6

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

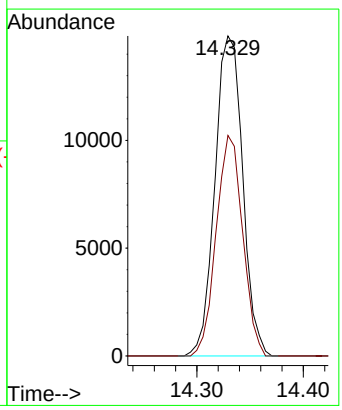


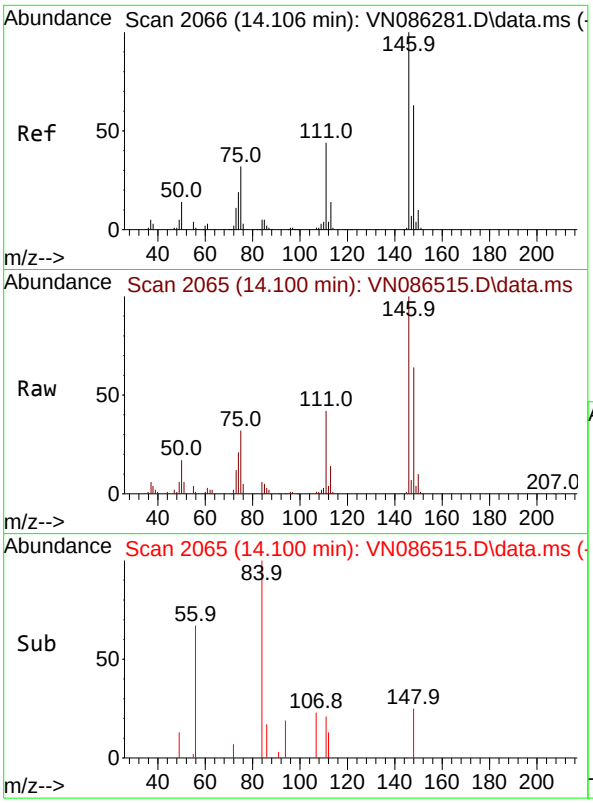


#90
Hexachloroethane
Concen: 18.284 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:117 Resp: 26821

Ion	Ratio	Lower	Upper
117	100		
201	65.8	31.4	94.2

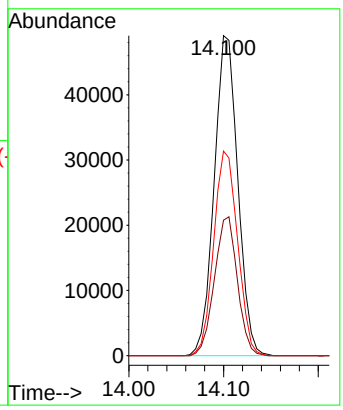




#91
1,2-Dichlorobenzene
Concen: 19.638 ug/l
RT: 14.100 min Scan# 2
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:146 Resp: 8529

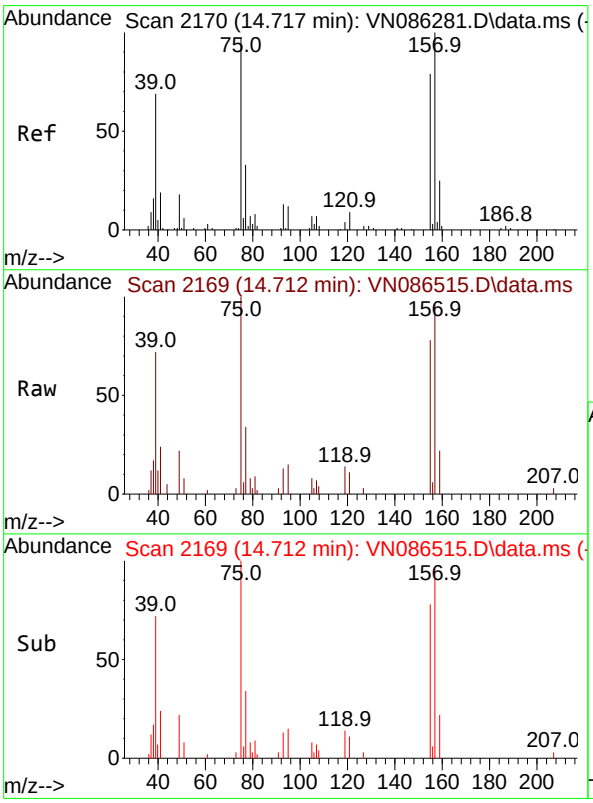
Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.4	67.0
148	64.4	31.8	95.4



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

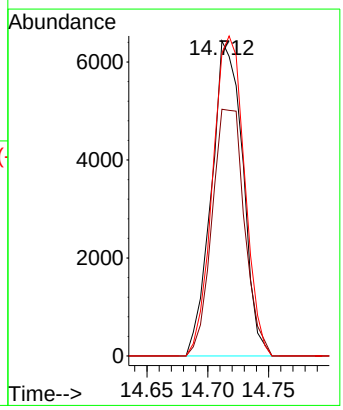
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

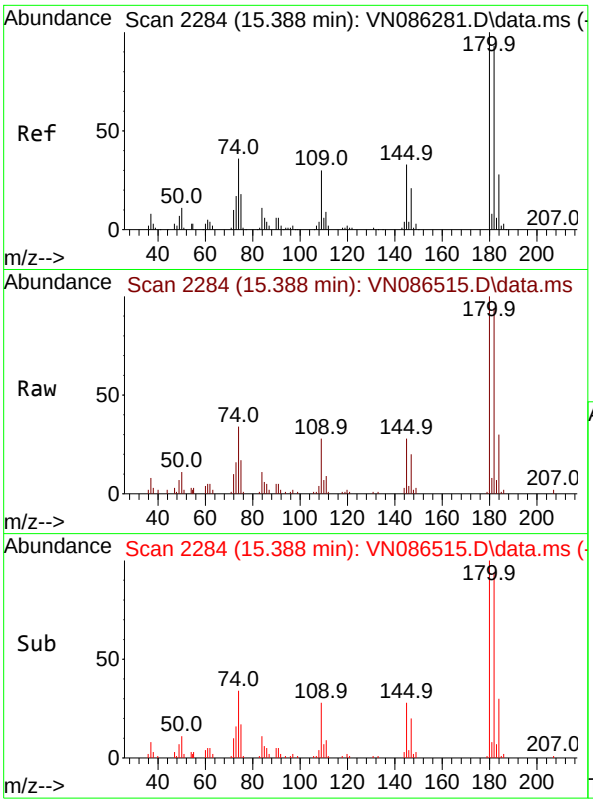


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.420 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion: 75 Resp: 11486

Ion	Ratio	Lower	Upper
75	100		
155	81.3	40.3	120.9
157	103.1	49.0	147.2





#93
1,2,4-Trichlorobenzene
Concen: 18.849 ug/l
RT: 15.388 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

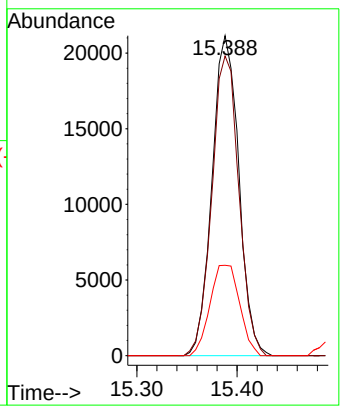
Tgt Ion:180 Resp: 3920

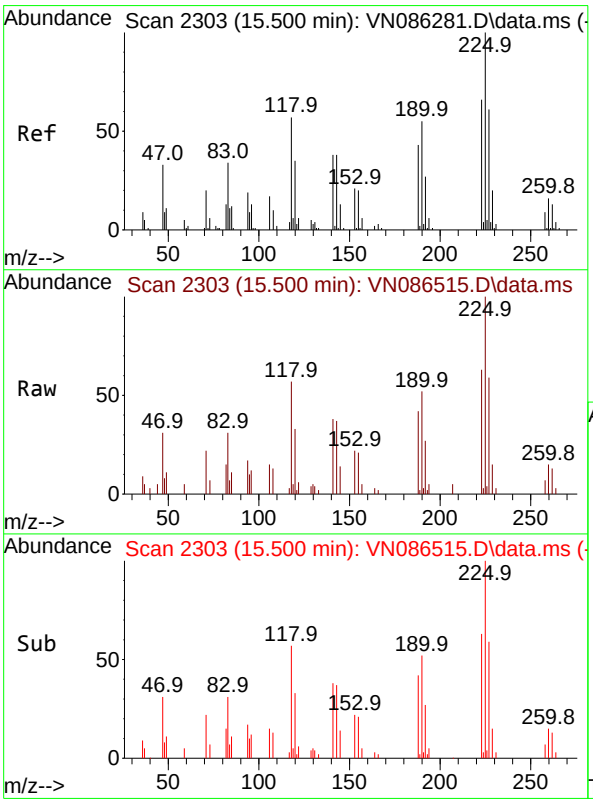
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.0	141.0
145	31.3	16.4	49.1

Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

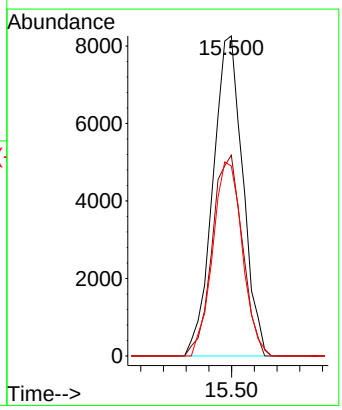


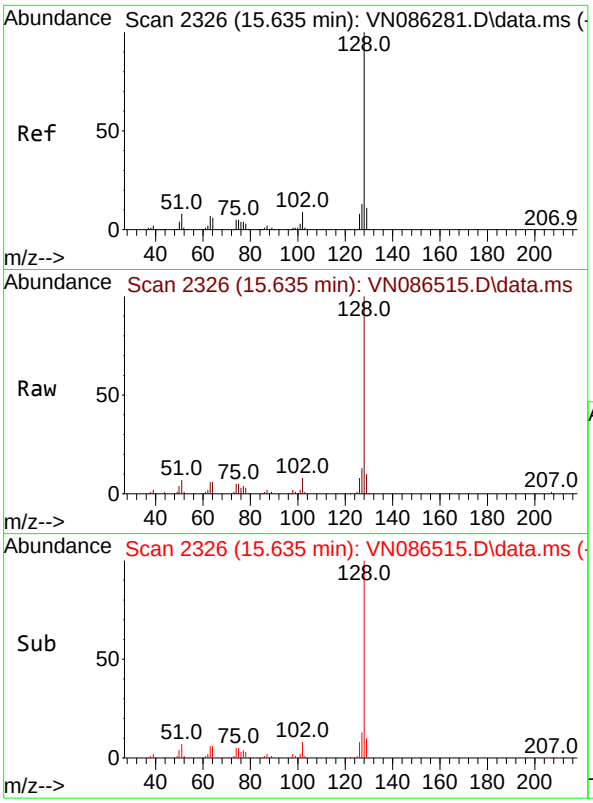


#94
Hexachlorobutadiene
Concen: 19.220 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:225 Resp: 15090

Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.8	98.3
227	60.3	31.4	94.0

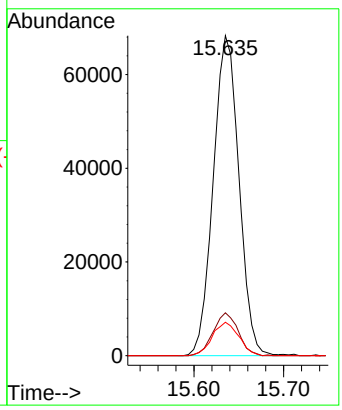




#95
Naphthalene
Concen: 18.413 ug/l
RT: 15.635 min Scan# 2
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:128 Resp: 13575

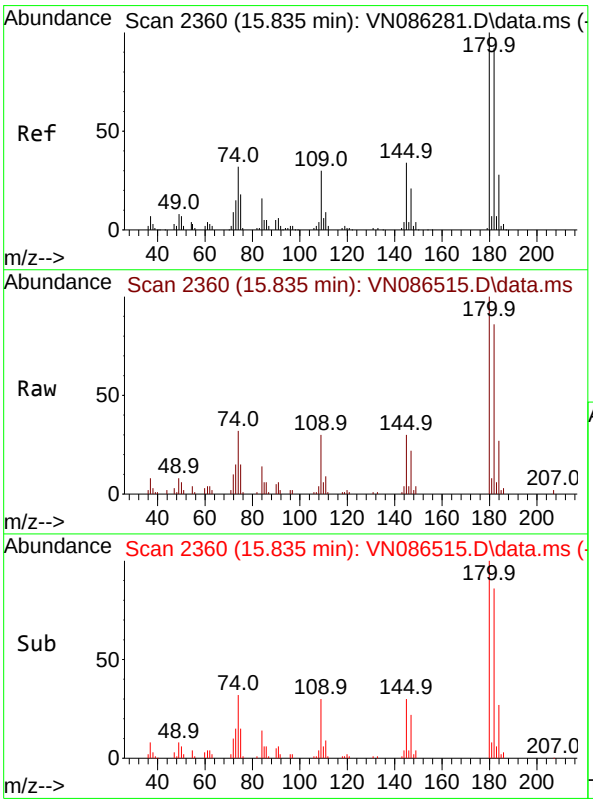
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.6	13.0



Instrument :
MSVOA_N
ClientSampleId :
VN0506MBS01

Manual Integrations APPROVED

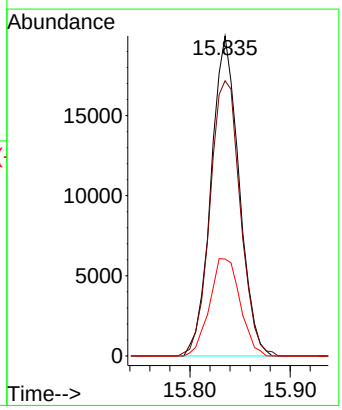
Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.619 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086515.D
Acq: 06 May 2025 15:23

Tgt Ion:180 Resp: 38632

Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.3	142.0
145	33.2	17.2	51.5



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VX0430WBS01	SDG No.:	Q1914
Lab Sample ID:	VX0430WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045988.D	1		04/30/25 11:19	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	20.2		0.15	1.00	ug/L
108-88-3	Toluene	20.2		0.14	1.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	1.00	ug/L
1330-20-7	Total Xylenes	63.5		0.36	3.00	ug/L
98-82-8	Isopropylbenzene	20.7		0.12	1.00	ug/L
103-65-1	n-propylbenzene	20.3		0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	21.1		0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	21.2		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.7		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	21.2		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.9		0.13	1.00	ug/L
104-51-8	n-Butylbenzene	20.1		0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	52.1		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		77 - 121	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	79600	5.544			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	123000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58100	12.018			

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\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations APPROVED
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Quant Time: May 01 03:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	79591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79431	54.573	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.140%			
35) Dibromofluoromethane	5.379	113	55572	56.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.080%			
50) Toluene-d8	8.647	98	178715	52.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.180%			
62) 4-Bromofluorobenzene	11.079	95	69575	55.677	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.360%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	20655	17.353	ug/l	98
3) Chloromethane	1.307	50	20162	16.488	ug/l	98
4) Vinyl Chloride	1.374	62	19329	17.272	ug/l	97
5) Bromomethane	1.593	94	9557	18.011	ug/l	99
6) Chloroethane	1.672	64	11560	19.470	ug/l	98
7) Trichlorofluoromethane	1.874	101	33075	19.820	ug/l	98
8) Diethyl Ether	2.136	74	11018	19.666	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	19906	20.357	ug/l	98
10) Methyl Iodide	2.447	142	22014	18.049	ug/l	95
11) Tert butyl alcohol	2.977	59	23070	117.939	ug/l	100
12) 1,1-Dichloroethene	2.313	96	17690	18.514	ug/l	97
13) Acrolein	2.233	56	24514	91.006	ug/l	100
14) Allyl chloride	2.654	41	36647	20.214	ug/l	98
15) Acrylonitrile	3.062	53	67478	109.282	ug/l	99
16) Acetone	2.386	43	65143	108.994	ug/l	100
17) Carbon Disulfide	2.502	76	31903	13.519	ug/l	98
18) Methyl Acetate	2.703	43	41651	30.268	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	71425	21.369	ug/l	98
20) Methylene Chloride	2.782	84	22667	20.258	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	18566	19.019	ug/l	95
22) Diisopropyl ether	3.757	45	74999	21.001	ug/l #	85
23) Vinyl Acetate	3.721	43	305569	99.034	ug/l	98
24) 1,1-Dichloroethane	3.605	63	41234	20.416	ug/l	98
25) 2-Butanone	4.556	43	98463	112.545	ug/l	99
26) 2,2-Dichloropropane	4.471	77	30457	23.341	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24129	20.289	ug/l	98
28) Bromochloromethane	4.897	49	21912	22.451	ug/l	98
29) Tetrahydrofuran	5.007	42	59403	104.729	ug/l	98
30) Chloroform	5.086	83	44895	21.603	ug/l	98
31) Cyclohexane	5.464	56	31971	17.906	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	37155	21.129	ug/l	99
36) 1,1-Dichloropropene	5.684	75	26313	19.828	ug/l	99
37) Ethyl Acetate	4.721	43	35233	21.067	ug/l	99
38) Carbon Tetrachloride	5.672	117	31212	21.762	ug/l	98
39) Methylcyclohexane	7.379	83	31558	19.400	ug/l	96
40) Benzene	6.031	78	81782	20.178	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 03:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21012	23.812	ug/l		97
42) 1,2-Dichloroethane	6.086	62	38214	22.828	ug/l		100
43) Isopropyl Acetate	6.342	43	55624	21.945	ug/l		99
44) Trichloroethene	7.123	130	19172	19.902	ug/l		100
45) 1,2-Dichloropropane	7.428	63	22110	21.864	ug/l		95
46) Dibromomethane	7.580	93	16648	21.445	ug/l		97
47) Bromodichloromethane	7.818	83	34537	22.278	ug/l		98
48) Methyl methacrylate	7.696	41	28745	21.964	ug/l		98
49) 1,4-Dioxane	7.659	88	11623	490.868	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	198681	118.239	ug/l		99
52) Toluene	8.714	92	49625	20.234	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	27493	19.886	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	31316	21.496	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	21829	22.336	ug/l		96
56) Ethyl methacrylate	9.116	69	33224	21.967	ug/l		99
57) 1,3-Dichloropropane	9.305	76	37096	21.798	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	82278	107.537	ug/l		100
59) 2-Hexanone	9.427	43	145801	117.173	ug/l		97
60) Dibromochloromethane	9.519	129	23829	22.366	ug/l		97
61) 1,2-Dibromoethane	9.610	107	21647	21.881	ug/l		99
64) Tetrachloroethene	9.269	164	16523	19.003	ug/l		97
65) Chlorobenzene	10.079	112	56077	21.309	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19738	21.604	ug/l		99
67) Ethyl Benzene	10.189	91	97246	20.633	ug/l		99
68) m/p-Xylenes	10.299	106	72902	42.527	ug/l		98
69) o-Xylene	10.640	106	35400	20.963	ug/l		97
70) Styrene	10.653	104	59894	21.489	ug/l		99
71) Bromoform	10.799	173	14723	21.582	ug/l	#	97
73) Isopropylbenzene	10.957	105	96591	20.743	ug/l		99
74) N-amyl acetate	10.842	43	46784	21.003	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36005	22.010	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30299m	21.367	ug/l		
77) Bromobenzene	11.195	156	22344	20.767	ug/l		97
78) n-propylbenzene	11.305	91	109148	20.349	ug/l		100
79) 2-Chlorotoluene	11.360	91	70063	20.433	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	81280	21.108	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8077	19.331	ug/l		93
82) 4-Chlorotoluene	11.451	91	78533	20.541	ug/l		99
83) tert-Butylbenzene	11.713	119	80806	21.196	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	80186	20.747	ug/l		100
85) sec-Butylbenzene	11.890	105	99095	21.163	ug/l		100
86) p-Isopropyltoluene	12.006	119	80817	20.935	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	39864	20.354	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	39715	20.002	ug/l		97
89) n-Butylbenzene	12.329	91	67323	20.111	ug/l		99
90) Hexachloroethane	12.536	117	15013	22.629	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	41948	21.543	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8244	24.098	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	21969	20.269	ug/l		99
94) Hexachlorobutadiene	13.725	225	9928	21.256	ug/l		98
95) Naphthalene	13.774	128	82567	20.470	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	23750	20.926	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 03:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

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\VX043025\
Data File : VX045988.D
Acq On : 30 Apr 2025 11:19
Operator : JC/MD
Sample : VX0430WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 01 03:35:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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Instrument :
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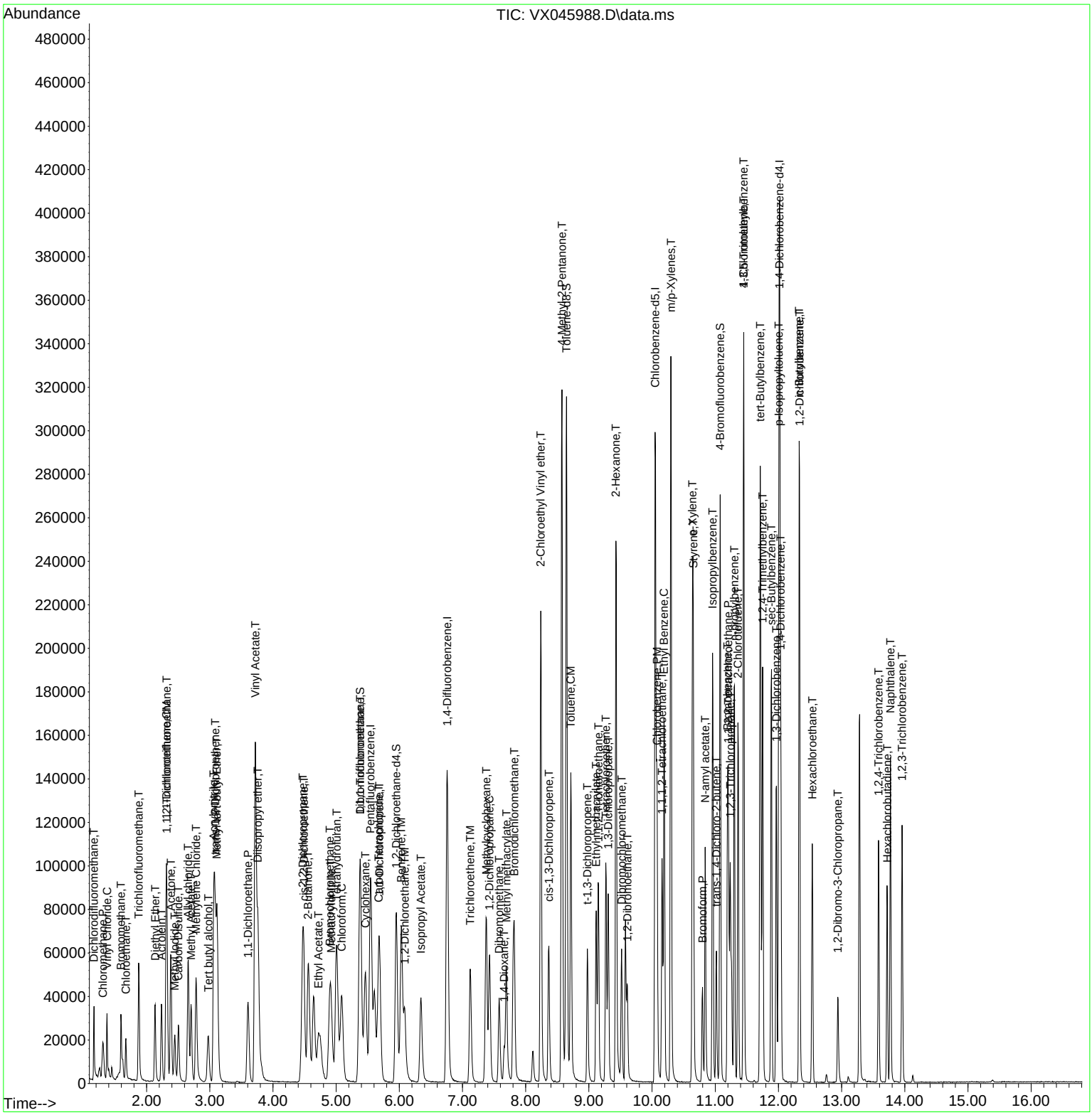
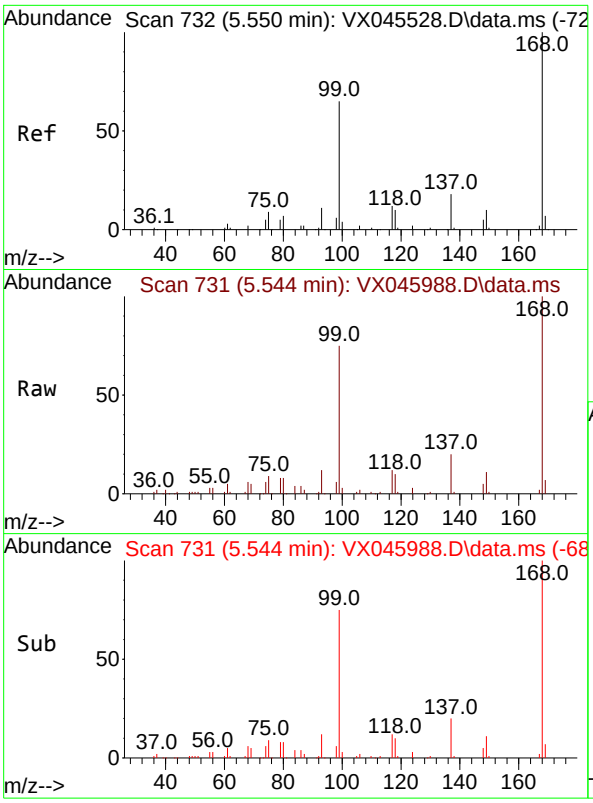
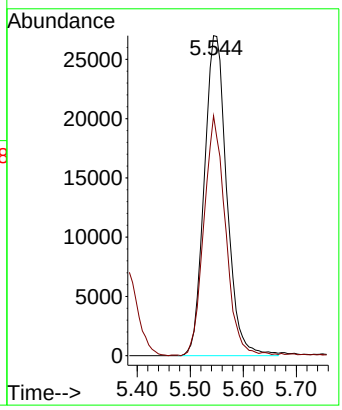




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:168 Resp: 7959

Ion	Ratio	Lower	Upper
168	100		
99	74.7	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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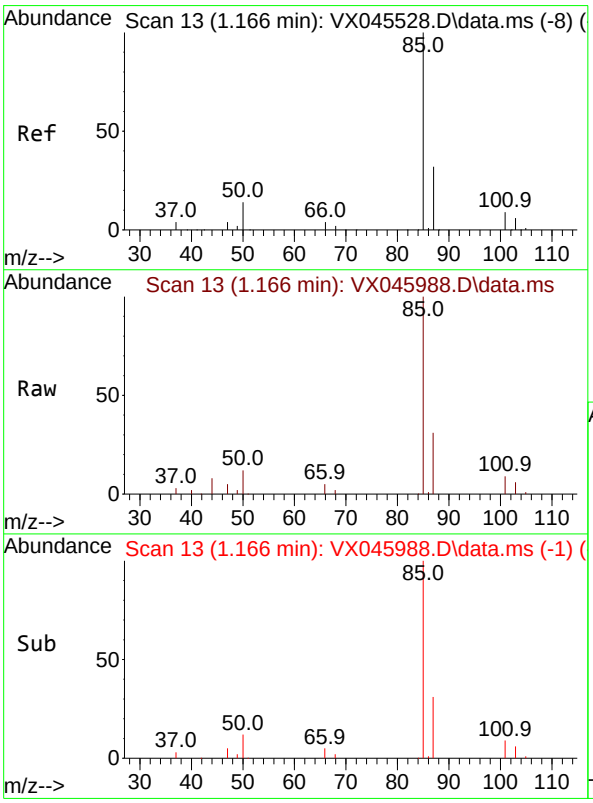
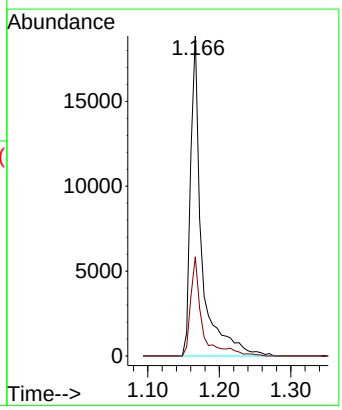
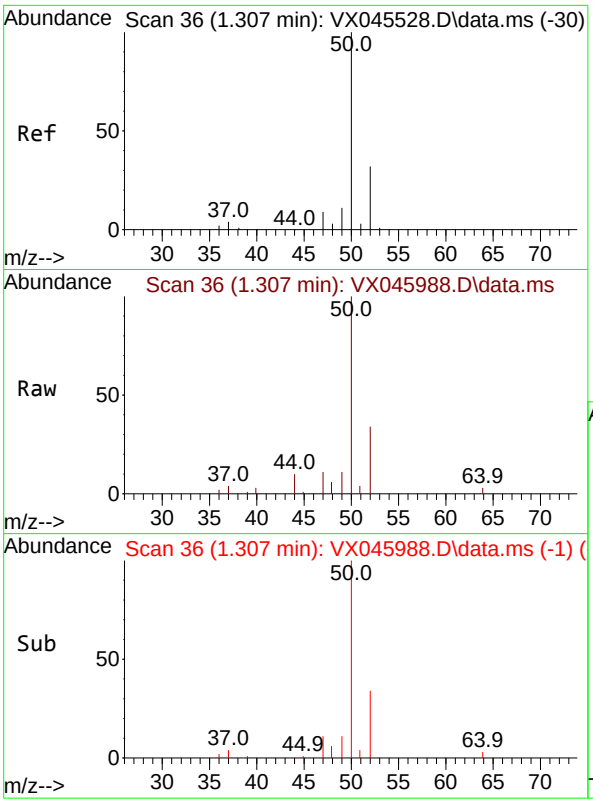


#2
Dichlorodifluoromethane
Concen: 17.353 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 85 Resp: 20655

Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.1	48.2

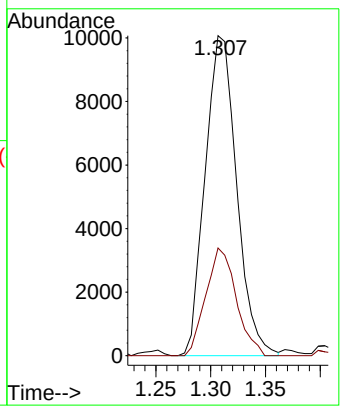




#3
Chloromethane
Concen: 16.488 ug/l
RT: 1.307 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 50 Resp: 2016

Ion	Ratio	Lower	Upper
50	100		
52	33.6	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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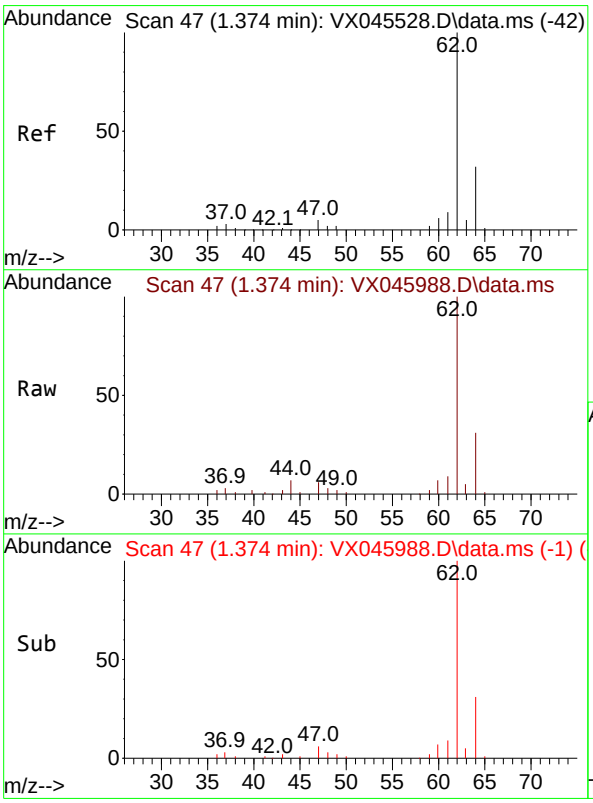
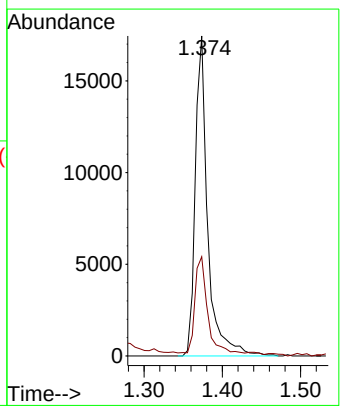
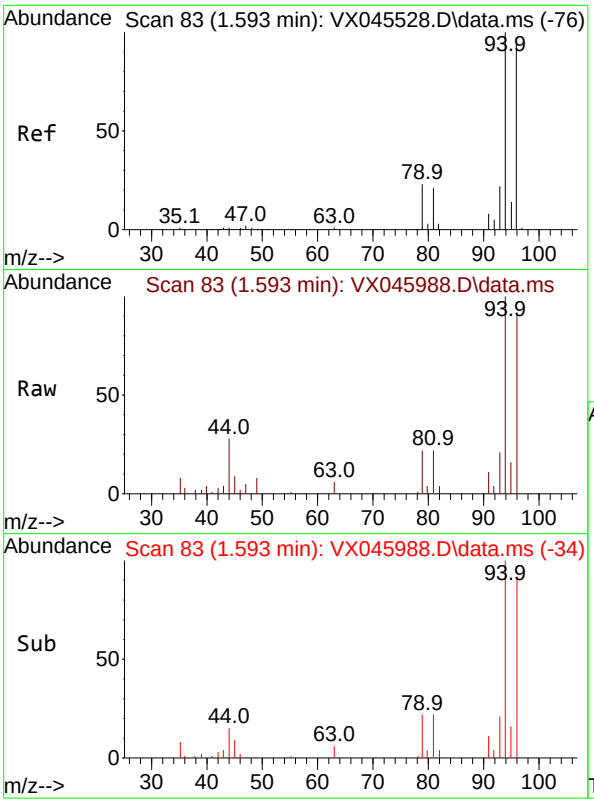


#4
Vinyl Chloride
Concen: 17.272 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 62 Resp: 19329

Ion	Ratio	Lower	Upper
62	100		
64	30.4	25.5	38.3

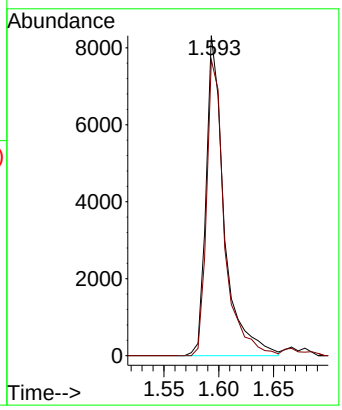




#5
Bromomethane
Concen: 18.011 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 94 Resp: 955

Ion	Ratio	Lower	Upper
94	100		
96	92.4	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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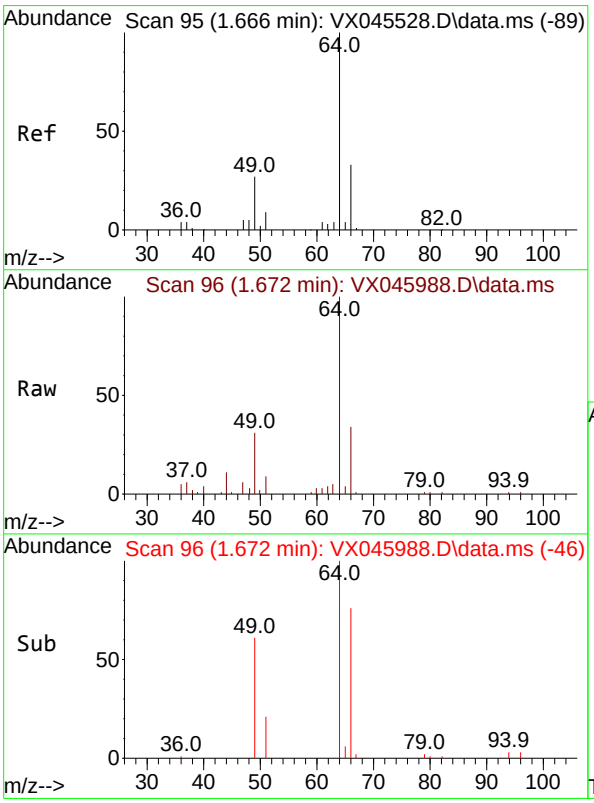
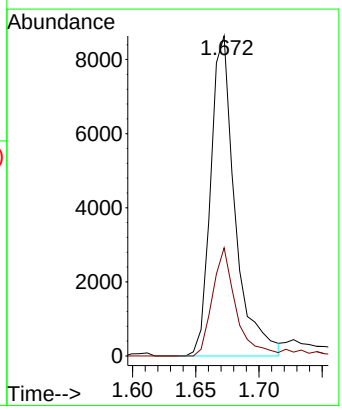
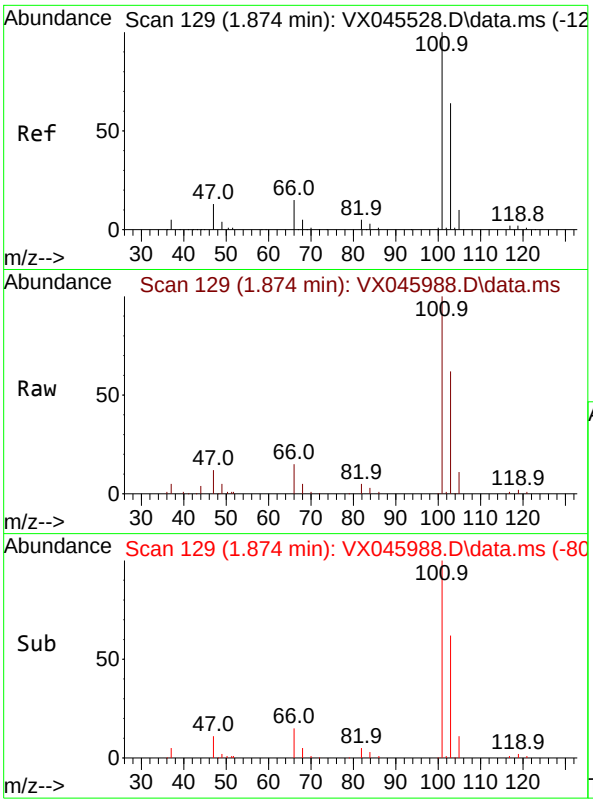


#6
Chloroethane
Concen: 19.470 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 64 Resp: 11560

Ion	Ratio	Lower	Upper
64	100		
66	33.8	26.3	39.5





#7
Trichlorofluoromethane
Concen: 19.820 ug/l
RT: 1.874 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:101 Resp: 3307

Ion	Ratio	Lower	Upper
101	100		
103	62.2	51.1	76.7

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations
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Reviewed By :John Carlone 05/02/2025
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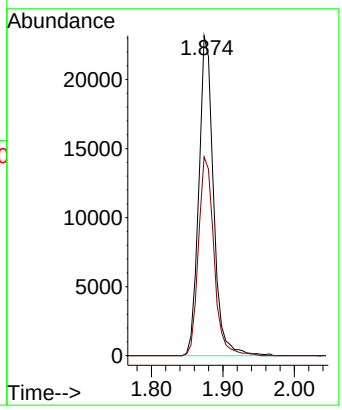
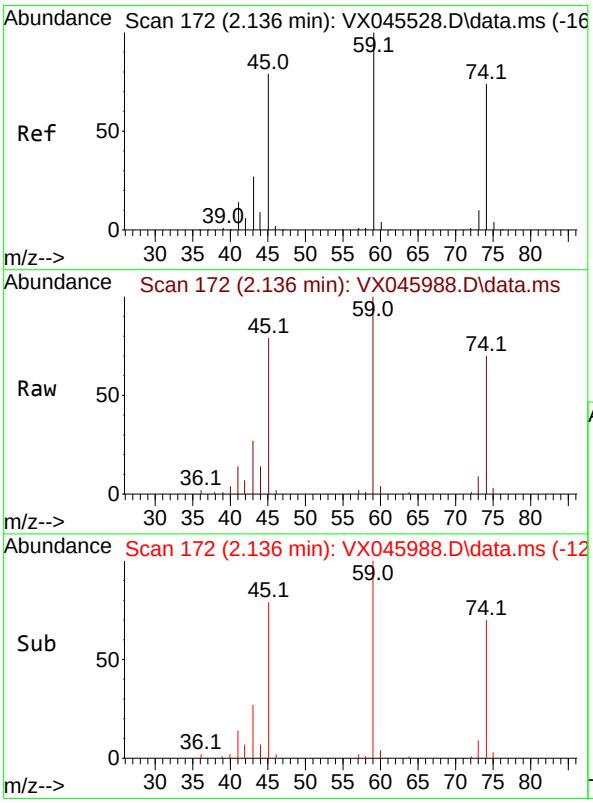
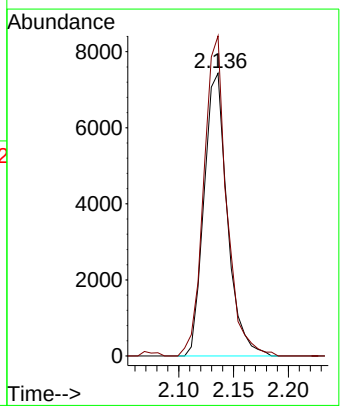


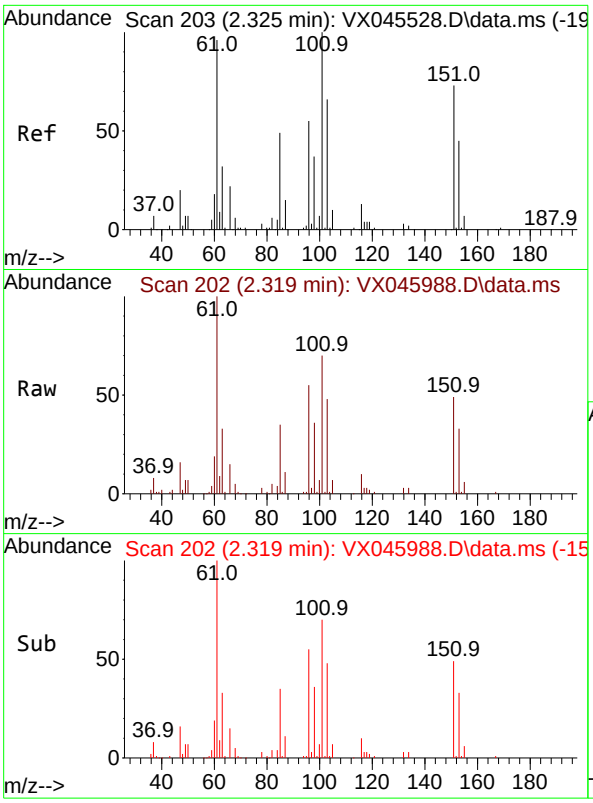


#8
Diethyl Ether
Concen: 19.666 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 74 Resp: 11018

Ion	Ratio	Lower	Upper
74	100		
45	110.7	53.0	159.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.357 ug/l
RT: 2.319 min Scan# 2(
Delta R.T. -0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:101 Resp: 1990(

Ion	Ratio	Lower	Upper
101	100		
85	48.5	38.9	58.3
151	69.6	57.5	86.3

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations
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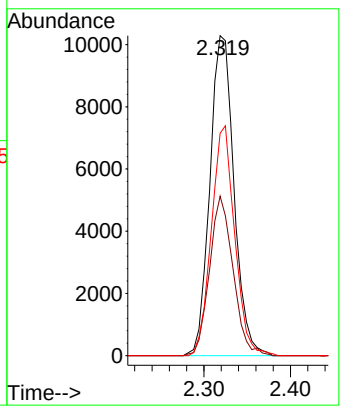
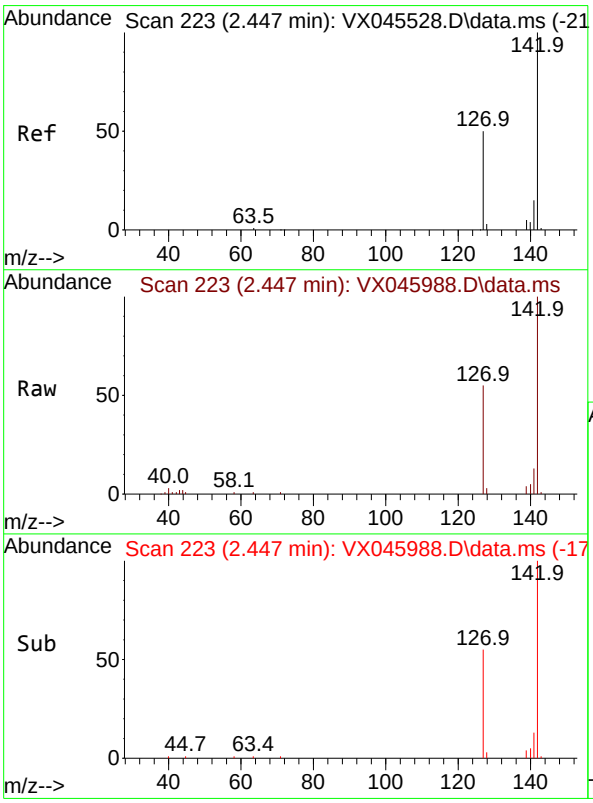
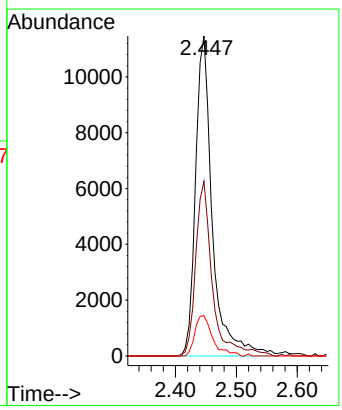


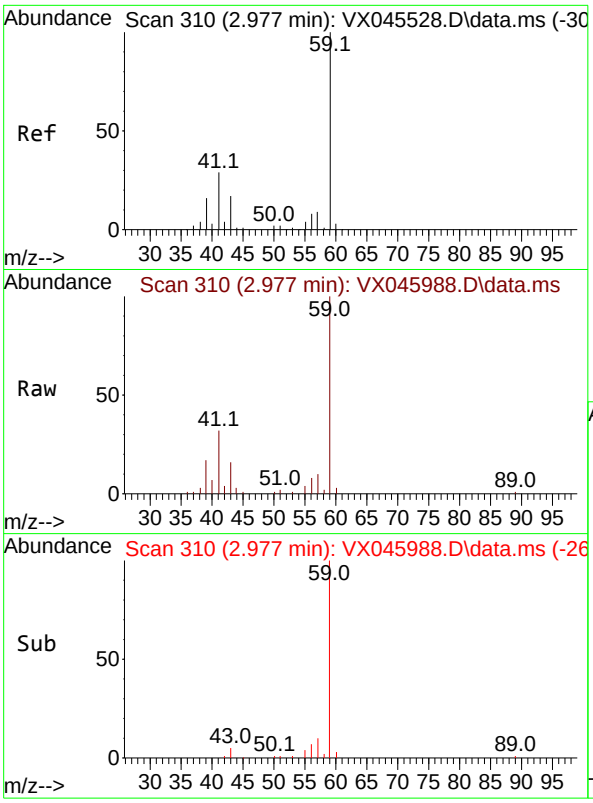


#10
Methyl Iodide
Concen: 18.049 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:142 Resp: 22014

Ion	Ratio	Lower	Upper
142	100		
127	54.1	40.2	60.4
141	13.3	11.7	17.5

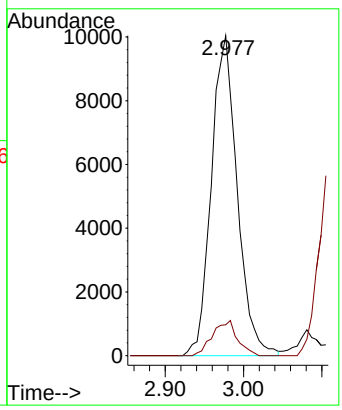




#11
Tert butyl alcohol
Concen: 117.939 ug/l
RT: 2.977 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 59 Resp: 2307

Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations
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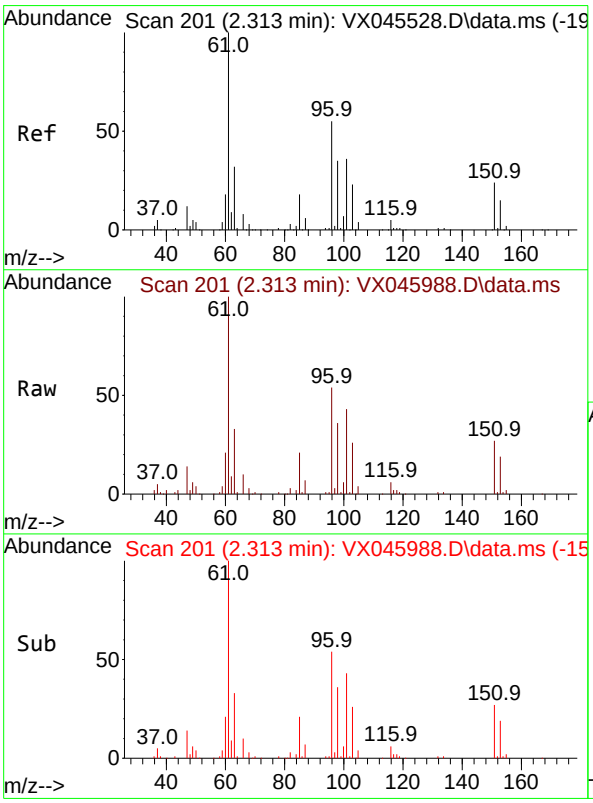
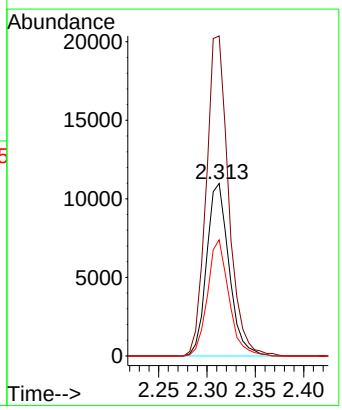
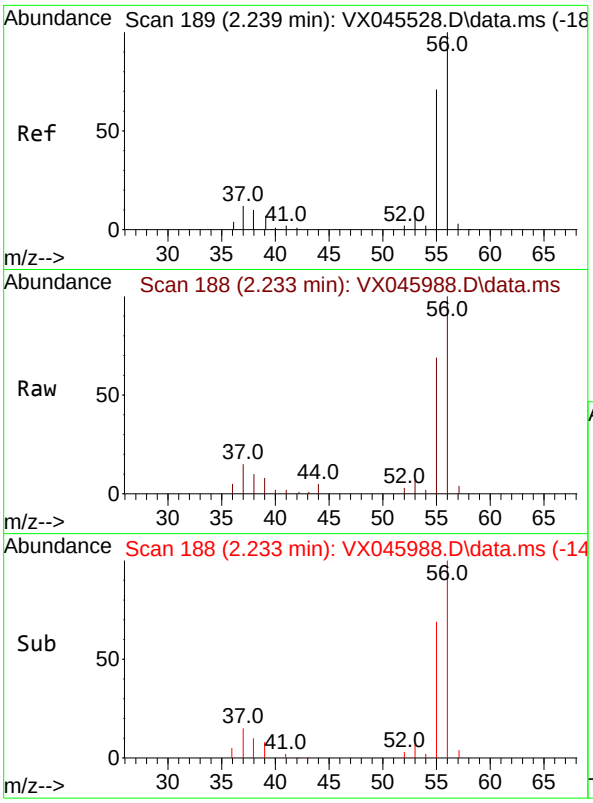


#12
1,1-Dichloroethene
Concen: 18.514 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 96 Resp: 17690

Ion	Ratio	Lower	Upper
96	100		
61	185.5	145.7	218.5
98	67.4	51.6	77.4

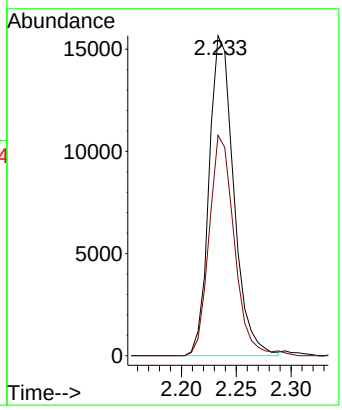




#13
Acrolein
Concen: 91.006 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 56 Resp: 2451

Ion	Ratio	Lower	Upper
56	100		
55	70.3	56.2	84.2



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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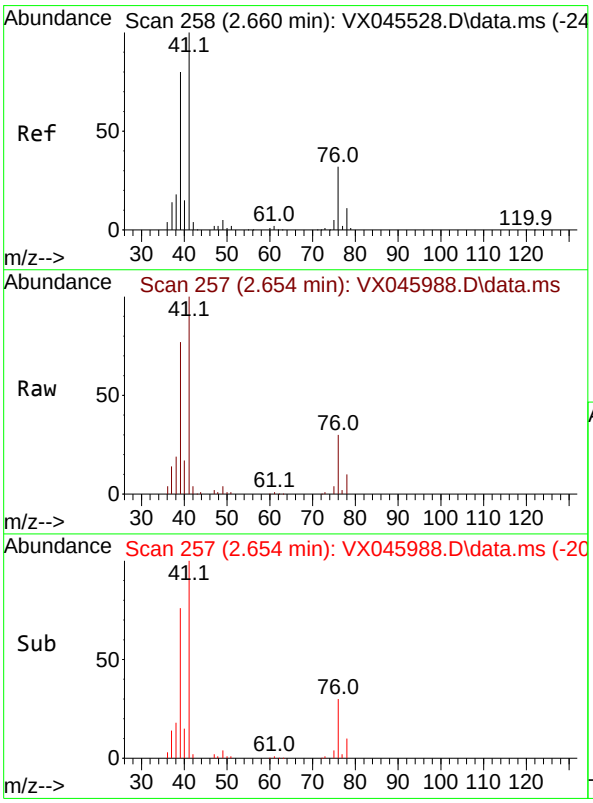
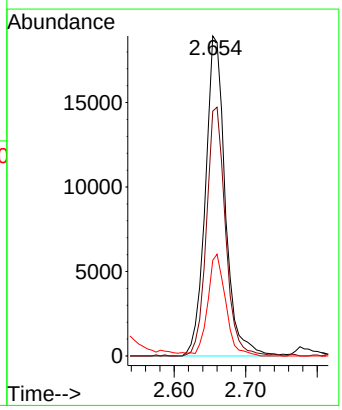
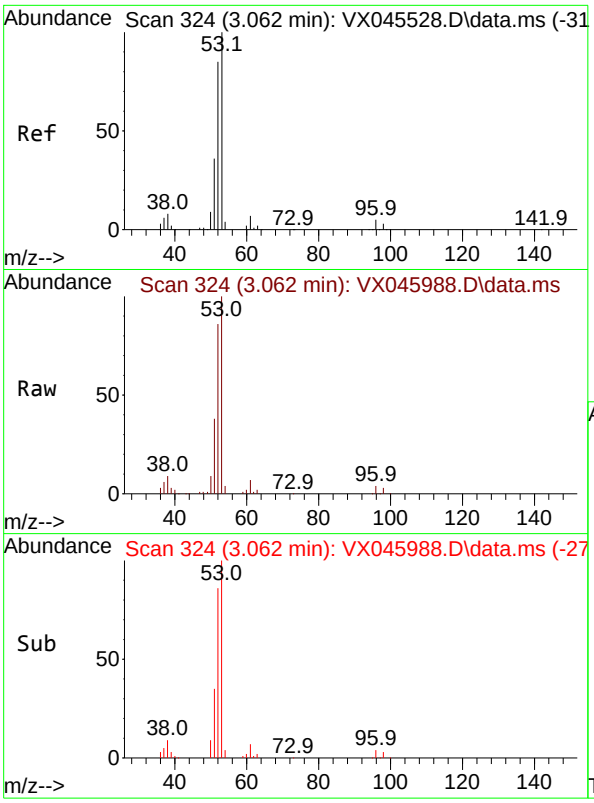


#14
Allyl chloride
Concen: 20.214 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 41 Resp: 36647

Ion	Ratio	Lower	Upper
41	100		
39	74.3	60.2	90.2
76	28.8	24.6	36.8





#15
Acrylonitrile
Concen: 109.282 ug/l
RT: 3.062 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 53 Resp: 6747

Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.4	101.2
51	37.9	29.9	44.9

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations
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Reviewed By :John Carlone 05/02/2025
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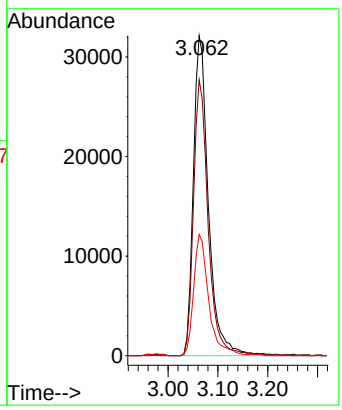
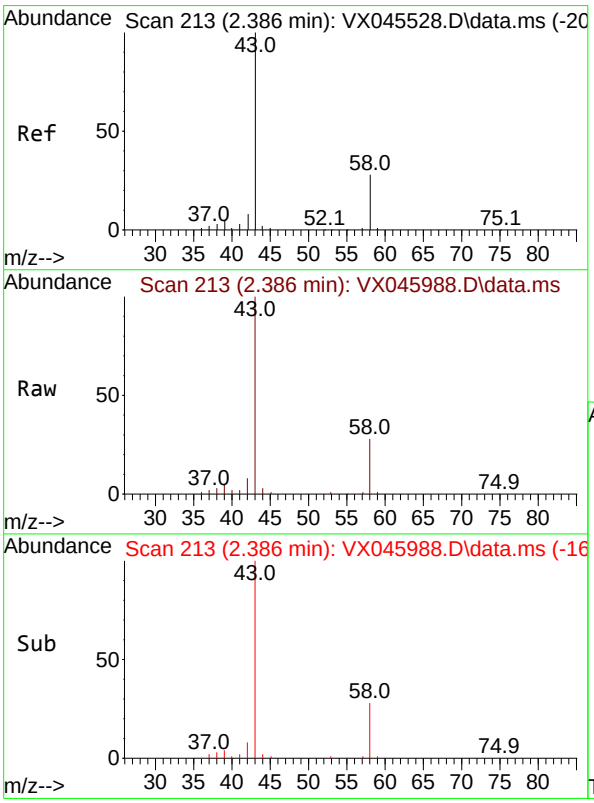
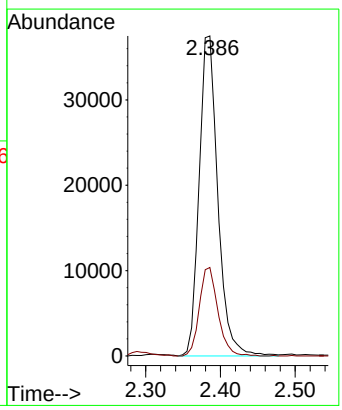


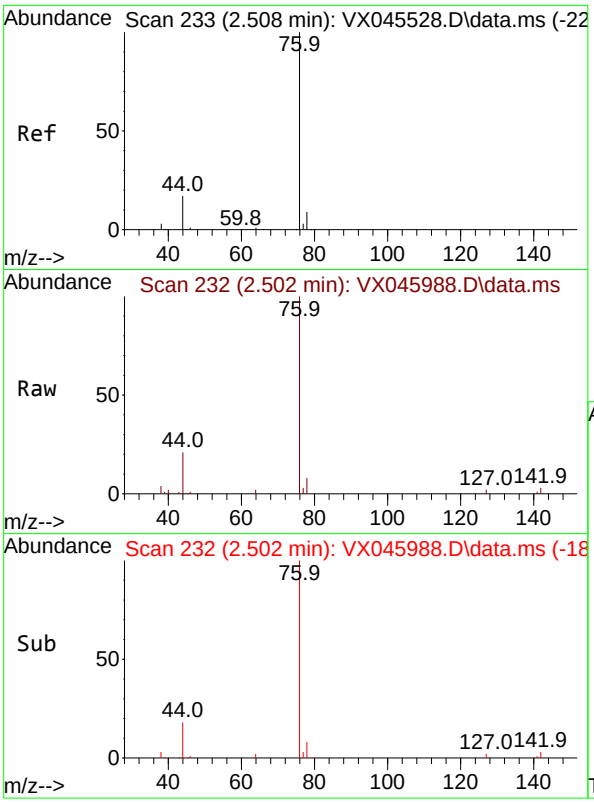


#16
Acetone
Concen: 108.994 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 65143

Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.3	33.5

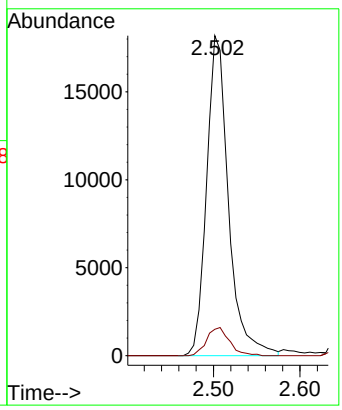




#17
Carbon Disulfide
Concen: 13.519 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 76 Resp: 3190

Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.0	10.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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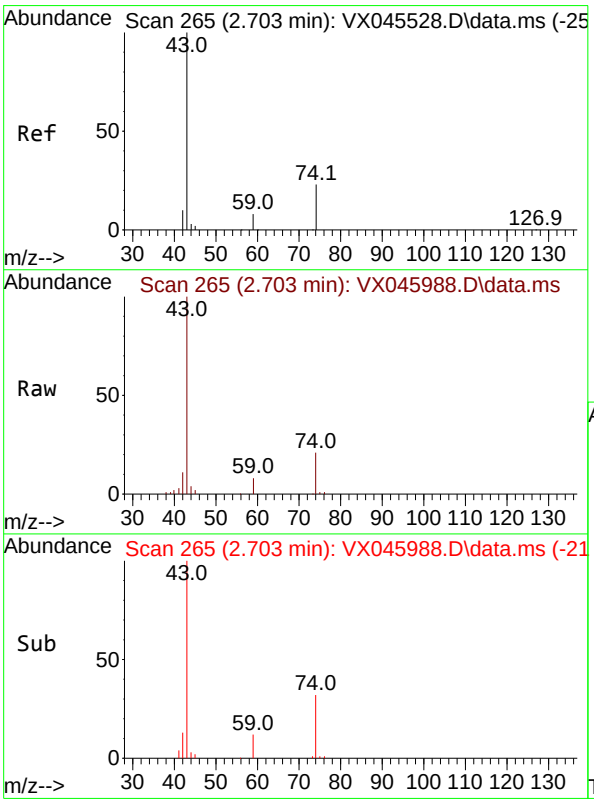
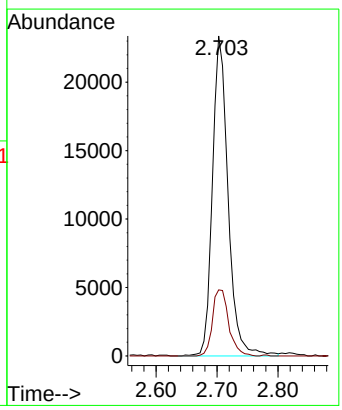
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

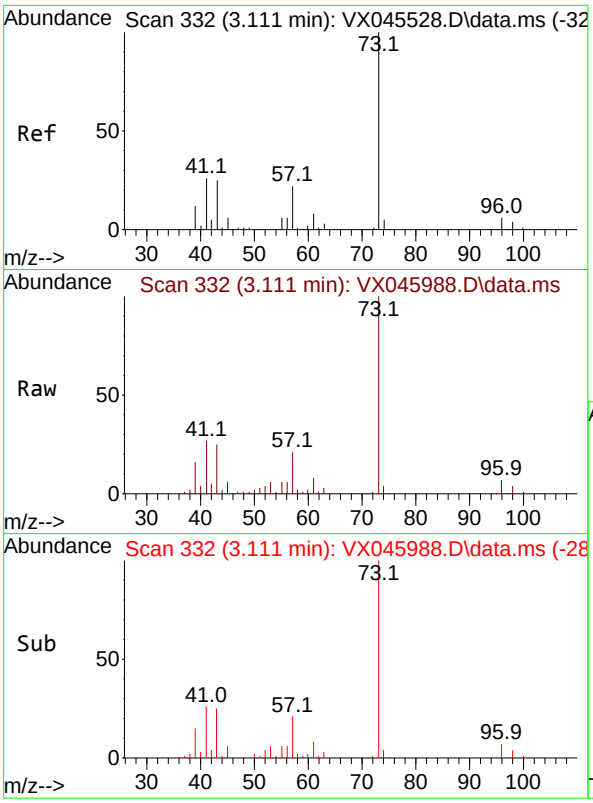


#18
Methyl Acetate
Concen: 30.268 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 41651

Ion	Ratio	Lower	Upper
43	100		
74	21.5	17.5	26.3

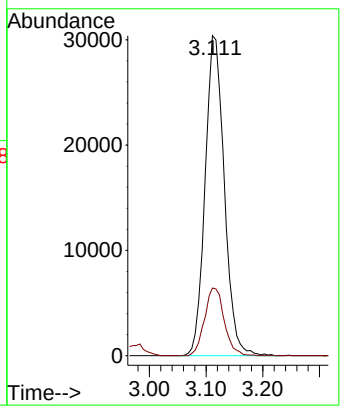




#19
Methyl tert-butyl Ether
Concen: 21.369 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 73 Resp: 7142

Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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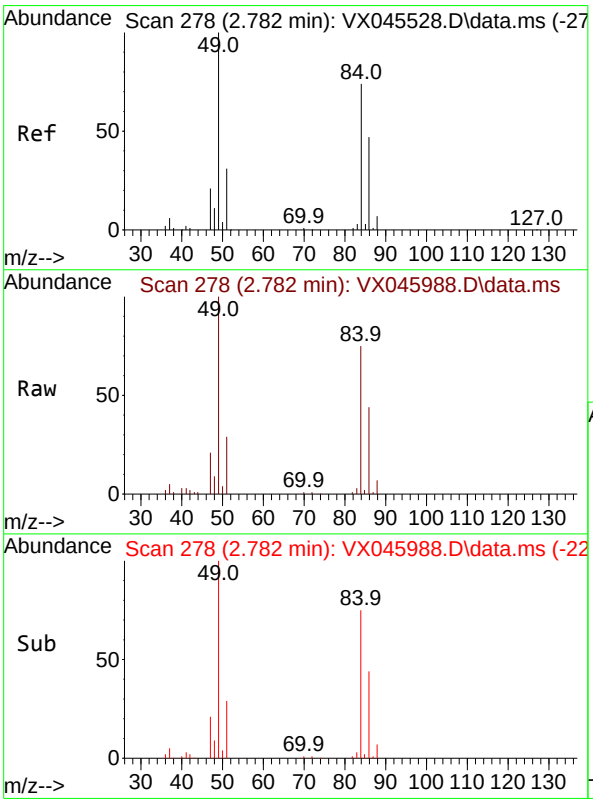
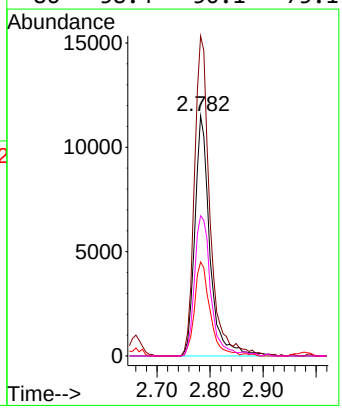
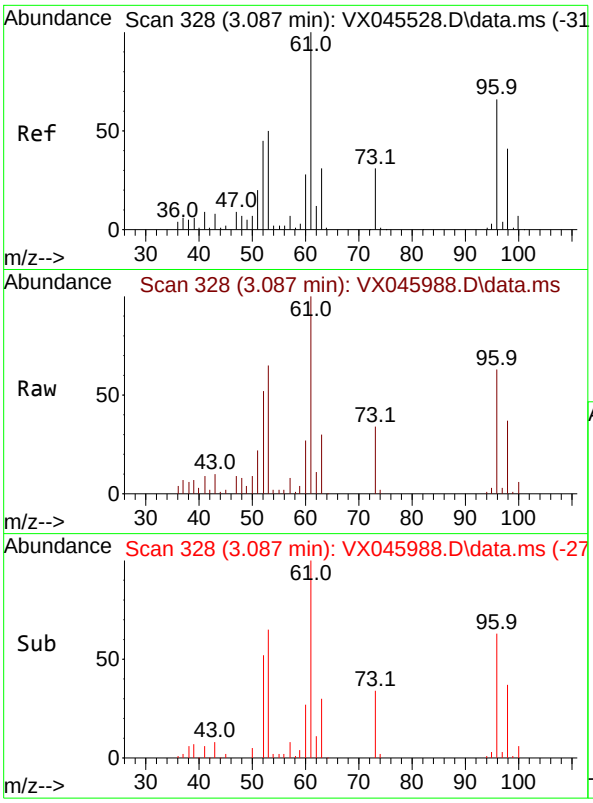


#20
Methylene Chloride
Concen: 20.258 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 84 Resp: 22667

Ion	Ratio	Lower	Upper
84	100		
49	133.2	107.5	161.3
51	39.1	33.0	49.6
86	58.4	50.1	75.1

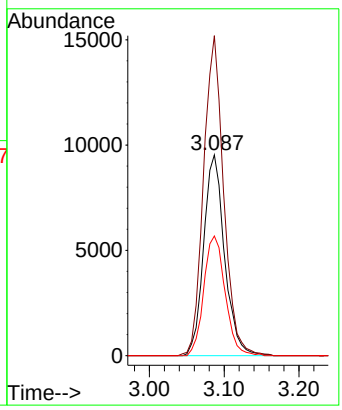




#21
trans-1,2-Dichloroethene
Concen: 19.019 ug/l
RT: 3.087 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 96 Resp: 1856

Ion	Ratio	Lower	Upper
96	100		
61	159.4	121.0	181.6
98	59.6	49.7	74.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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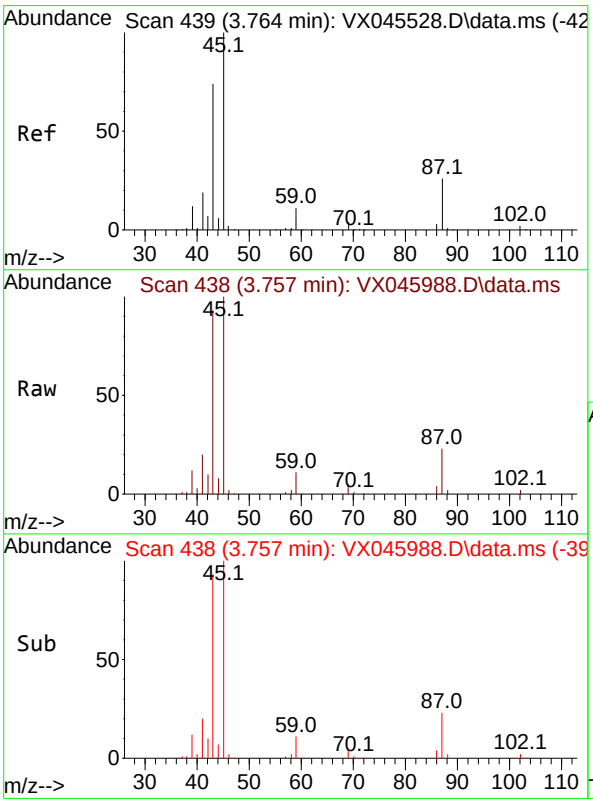
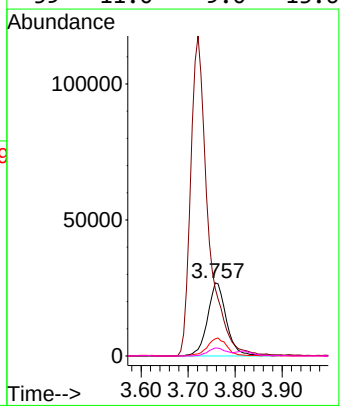
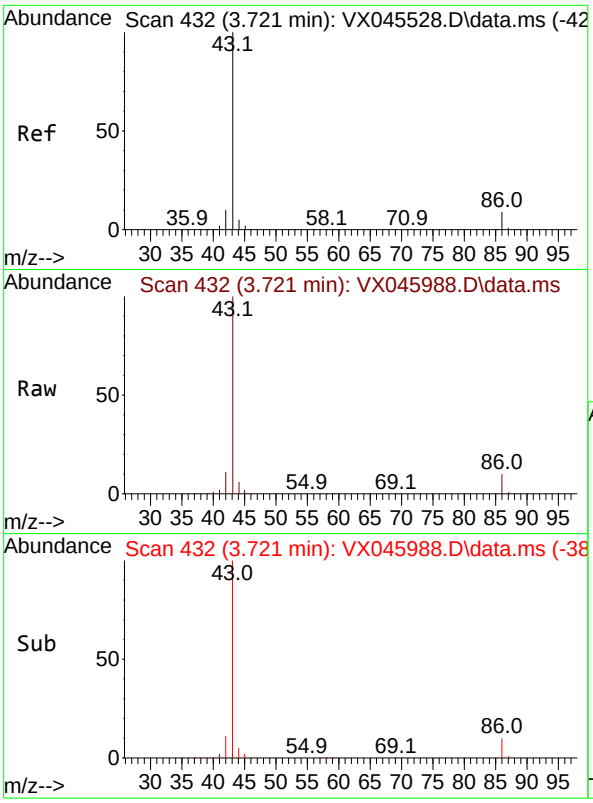


#22
Diisopropyl ether
Concen: 21.001 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 45 Resp: 74999

Ion	Ratio	Lower	Upper
45	100		
43	92.0	59.3	88.9#
87	23.5	20.4	30.6
59	11.0	9.0	13.6





#23
Vinyl Acetate
Concen: 99.034 ug/l
RT: 3.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 30556

Ion	Ratio	Lower	Upper
43	100		
86	10.1	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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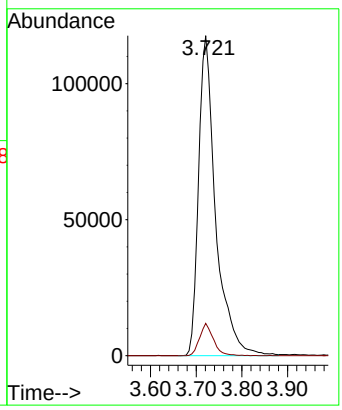
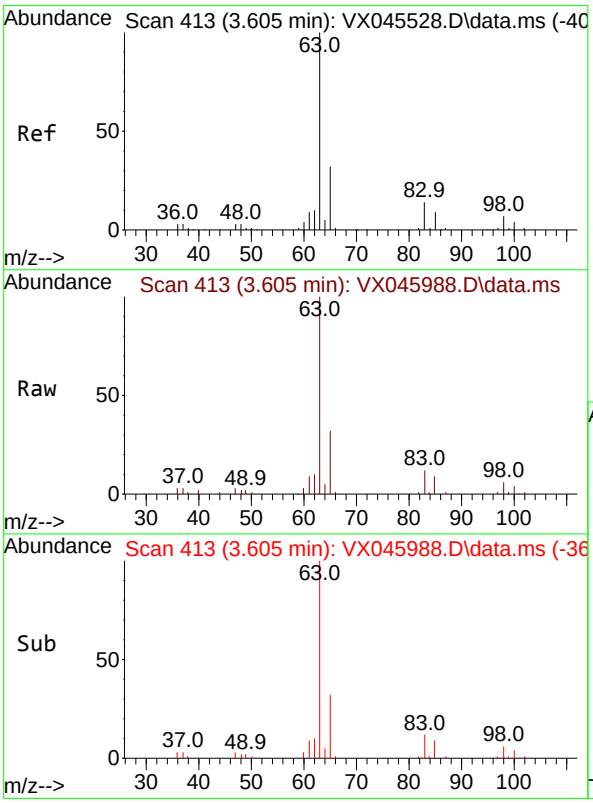
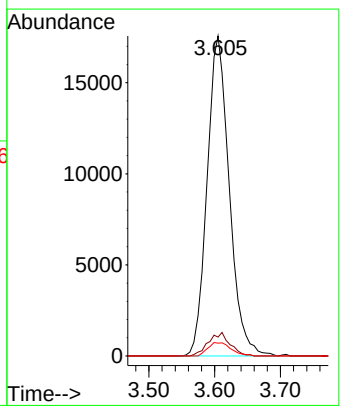


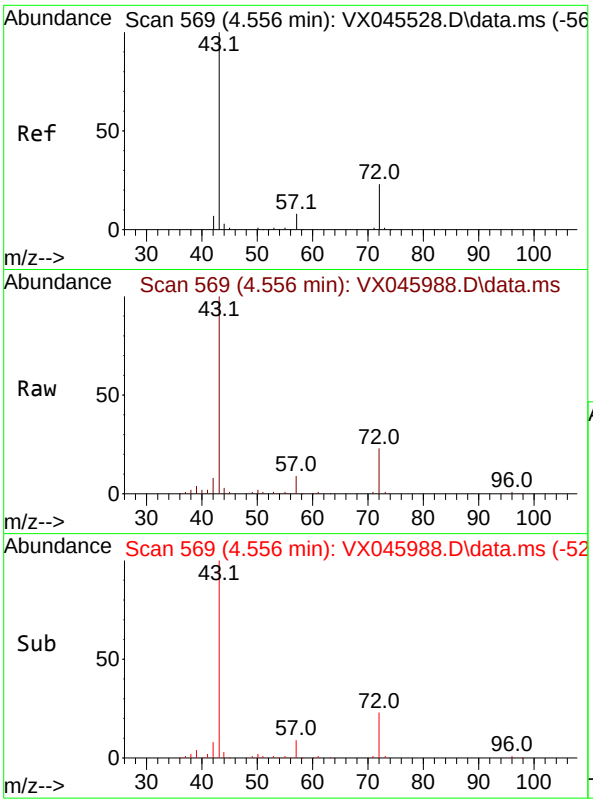


#24
1,1-Dichloroethane
Concen: 20.416 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 63 Resp: 41234

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.4	10.1
100	4.0	2.2	6.6





#25
2-Butanone
Concen: 112.545 ug/l
RT: 4.556 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 9846

Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.6	28.0

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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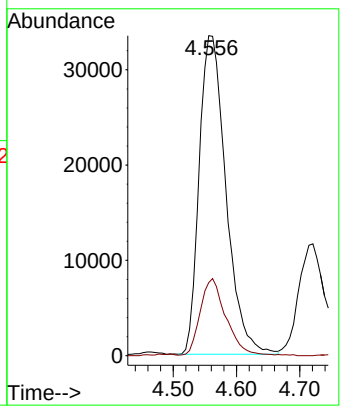
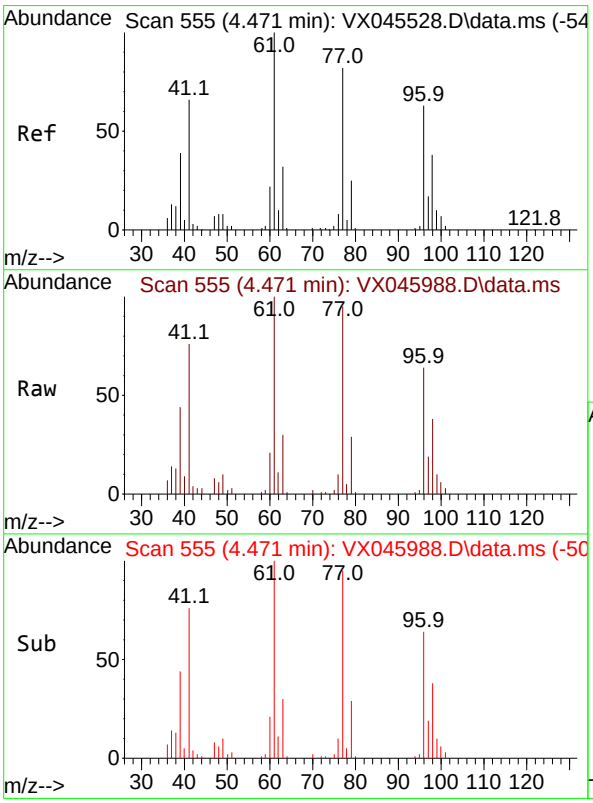
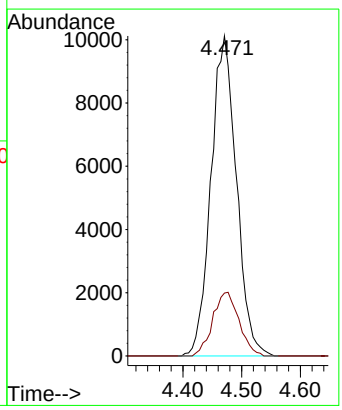


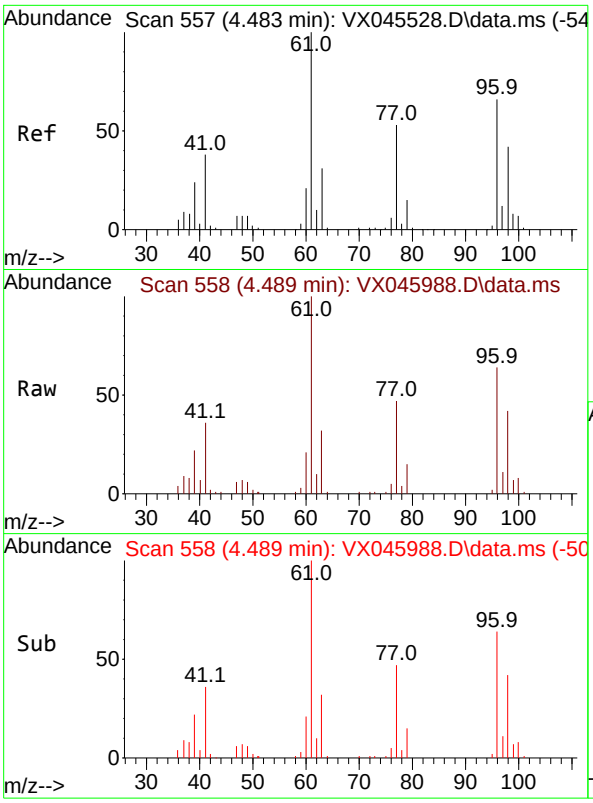


#26
2,2-Dichloropropane
Concen: 23.341 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 77 Resp: 30457

Ion	Ratio	Lower	Upper
77	100		
97	20.5	10.6	31.8

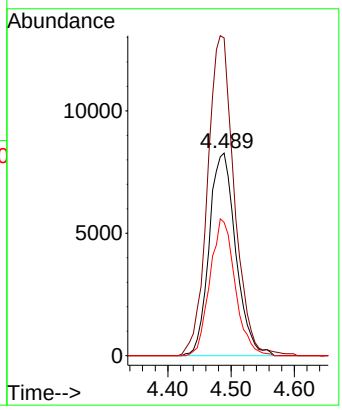




#27
cis-1,2-Dichloroethene
Concen: 20.289 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 96 Resp: 2412

Ion	Ratio	Lower	Upper
96	100		
61	159.0	0.0	313.2
98	63.9	0.0	126.4



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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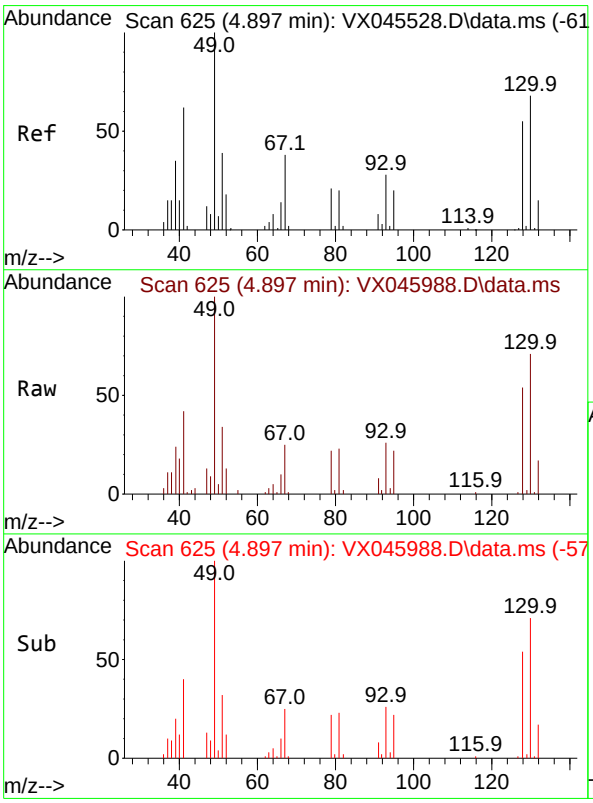
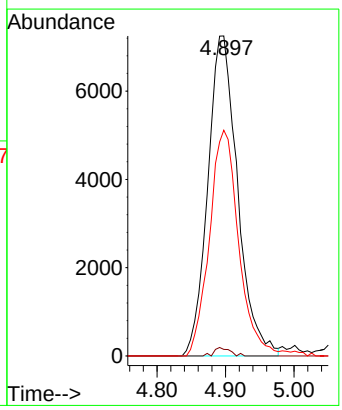
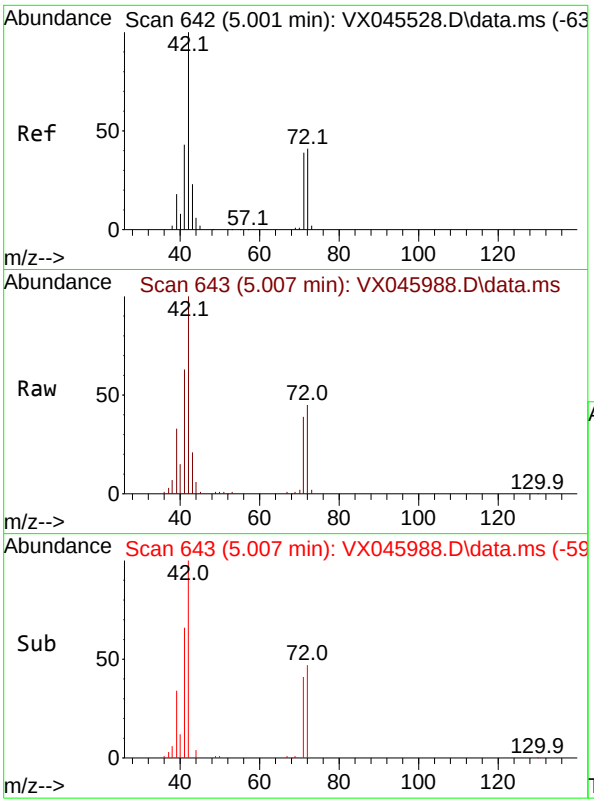


#28
Bromochloromethane
Concen: 22.451 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 49 Resp: 21912

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.8
130	70.0	54.6	81.8

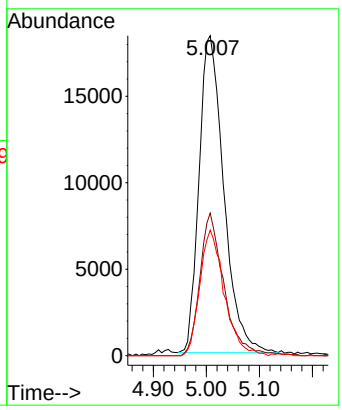




#29
Tetrahydrofuran
Concen: 104.729 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 42 Resp: 5940

Ion	Ratio	Lower	Upper
42	100		
72	43.8	33.4	50.0
71	39.2	31.4	47.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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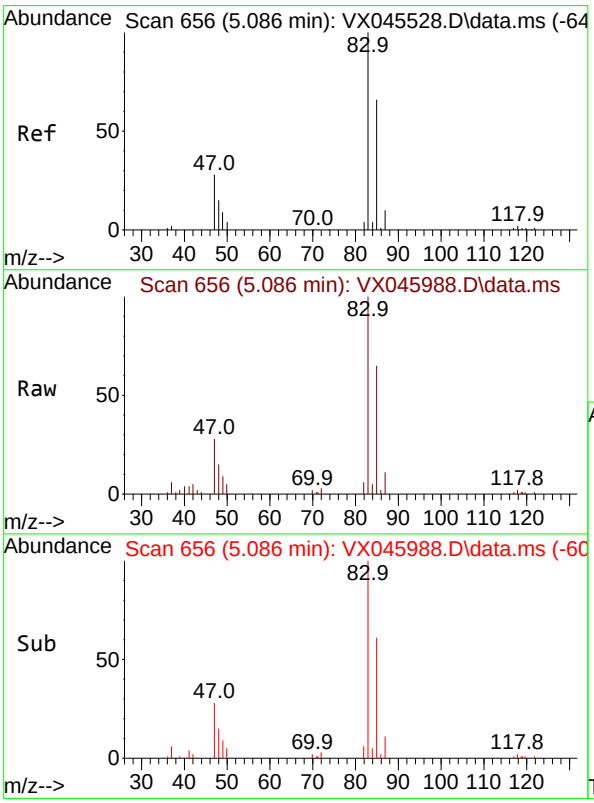
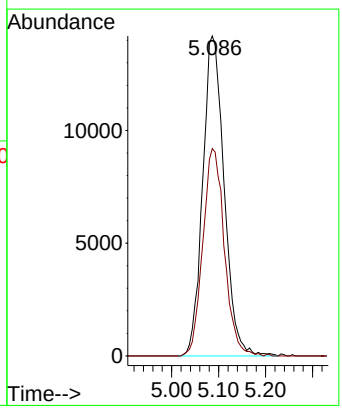
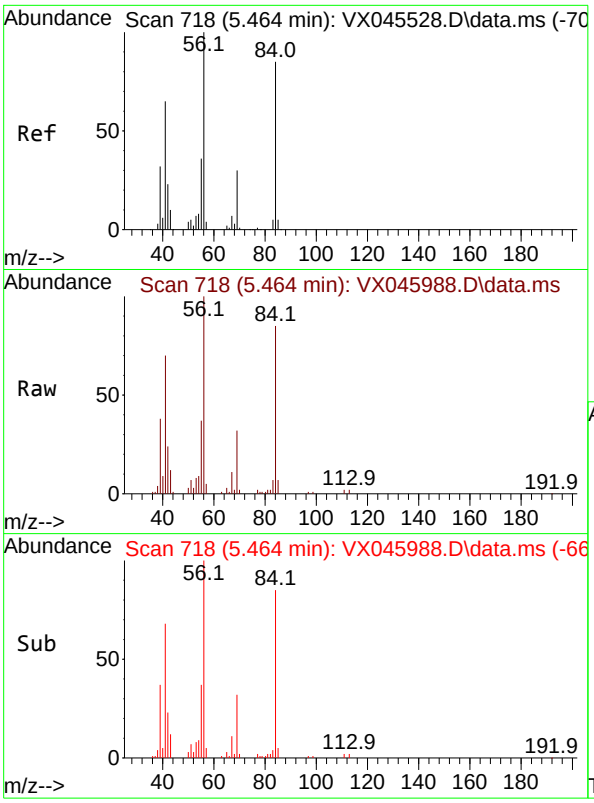


#30
Chloroform
Concen: 21.603 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 83 Resp: 44895

Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.8	79.2

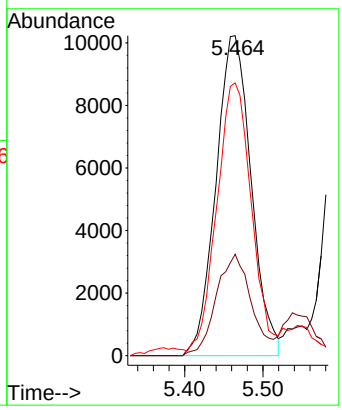




#31
Cyclohexane
Concen: 17.906 ug/l
RT: 5.464 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 56 Resp: 3197

Ion	Ratio	Lower	Upper
56	100		
69	31.7	23.6	35.4
84	83.3	67.7	101.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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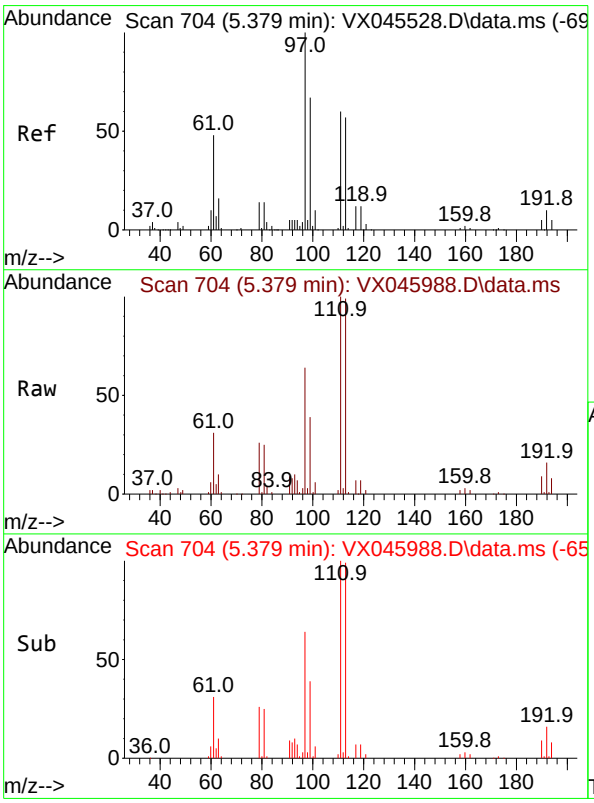
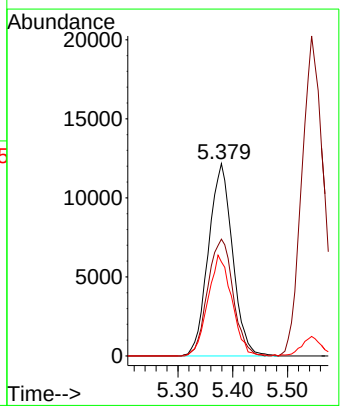
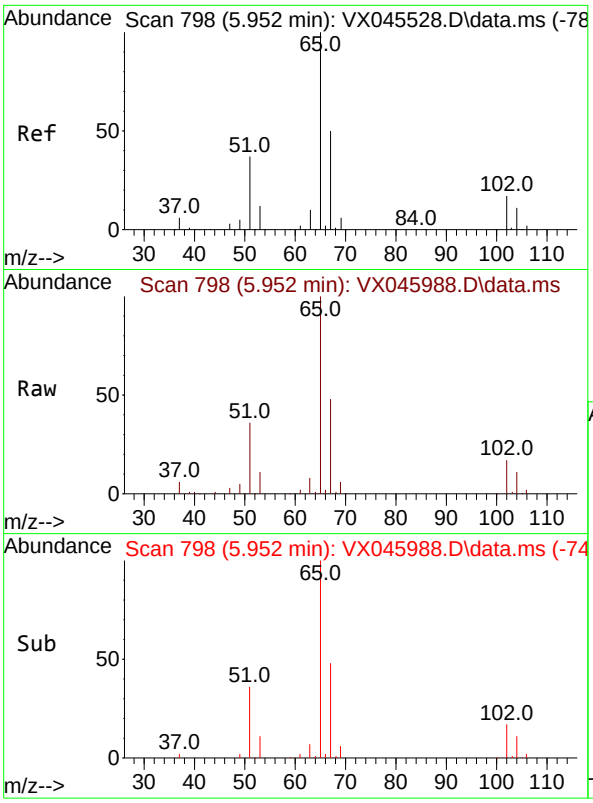


#32
1,1,1-Trichloroethane
Concen: 21.129 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 97 Resp: 37155

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	52.0	41.0	61.4

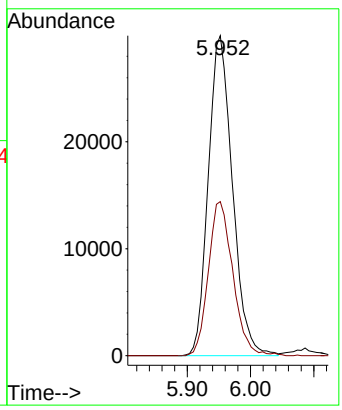




#33
1,2-Dichloroethane-d4
Concen: 54.573 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 65 Resp: 7943

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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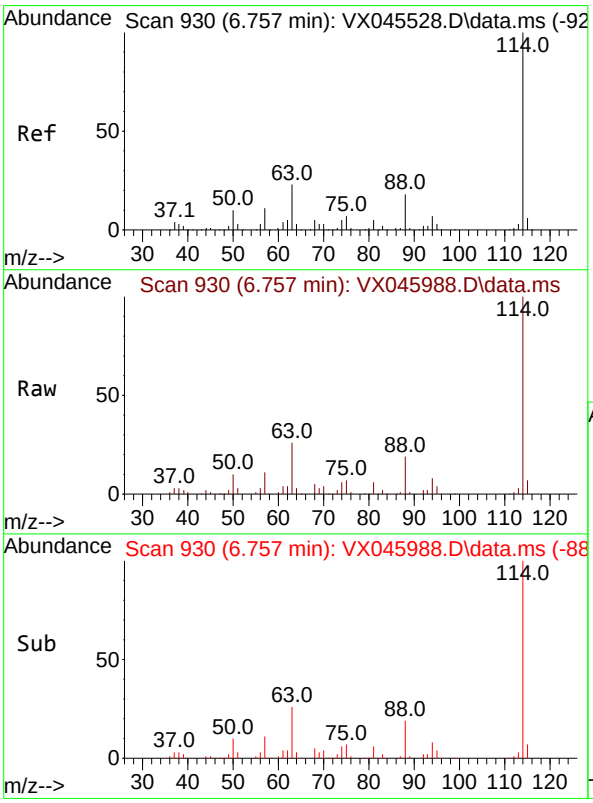
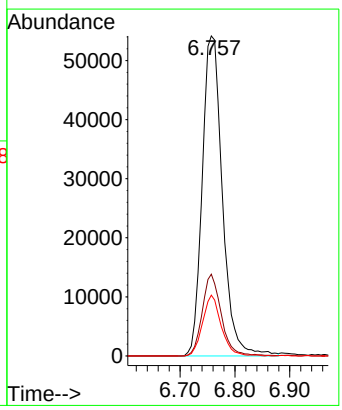
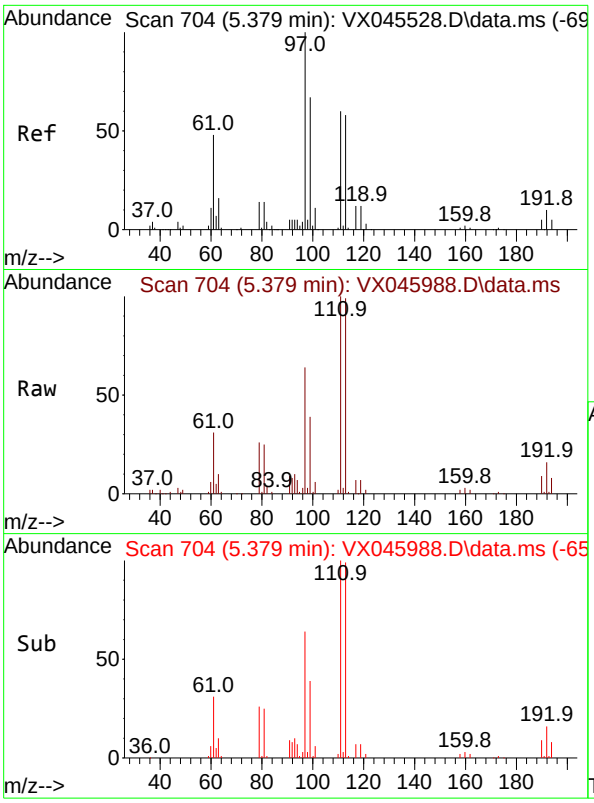


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:114 Resp: 138531

Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	46.8
88	19.0	0.0	35.4

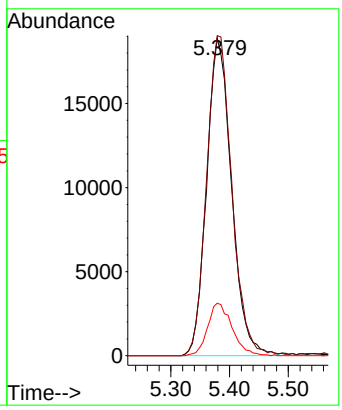




#35
Dibromofluoromethane
Concen: 56.540 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:113 Resp: 5557

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.6
192	16.3	13.8	20.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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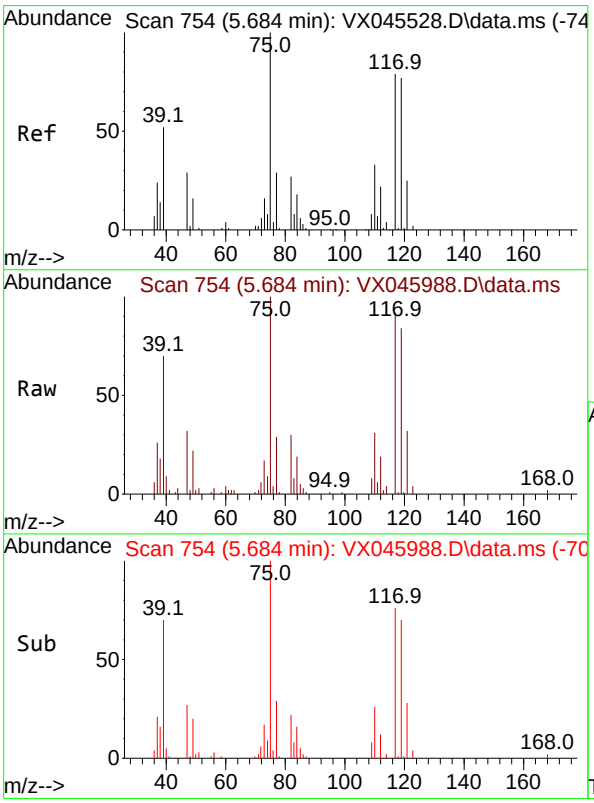
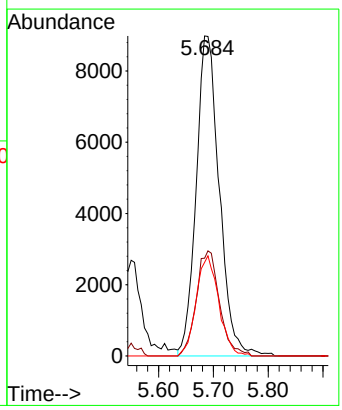
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

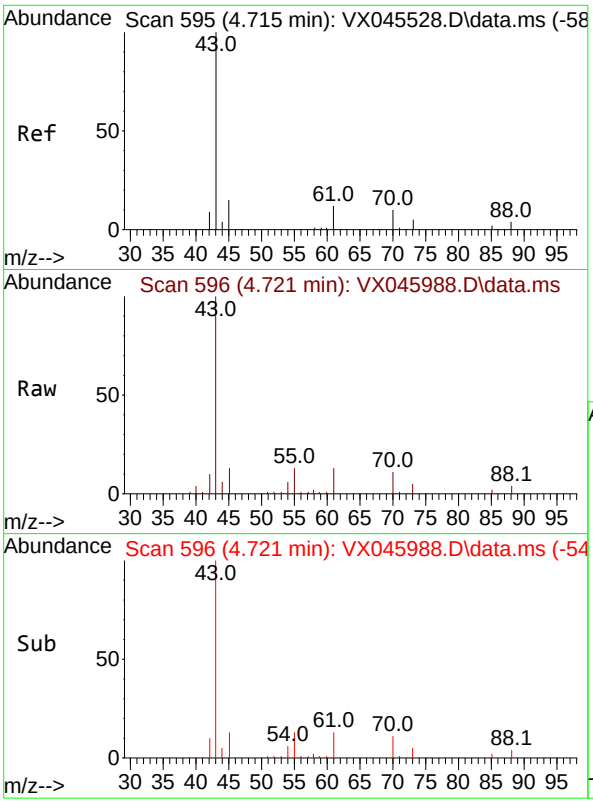


#36
1,1-Dichloropropene
Concen: 19.828 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 75 Resp: 26313

Ion	Ratio	Lower	Upper
75	100		
110	32.9	16.9	50.6
77	30.6	25.0	37.4

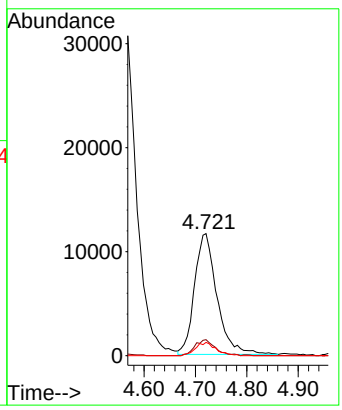




#37
Ethyl Acetate
Concen: 21.067 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 3523

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.9	14.9
70	10.1	7.5	11.3



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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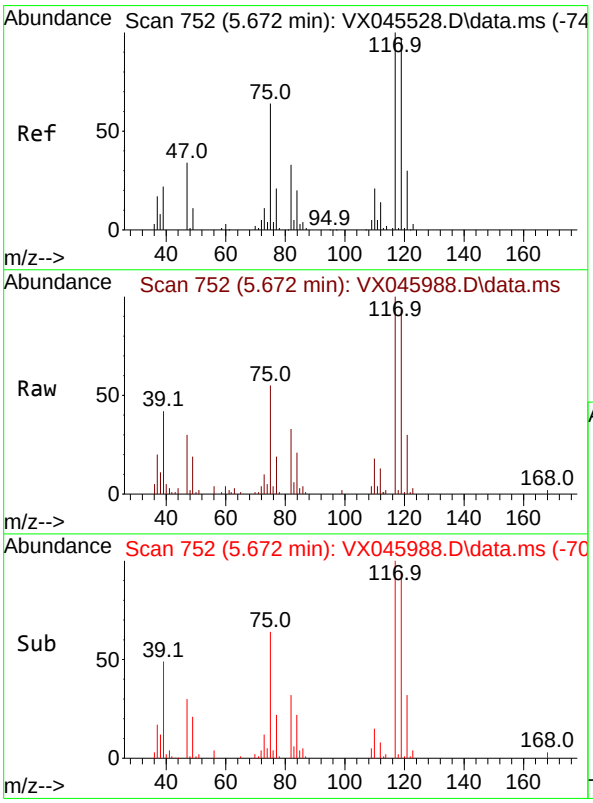
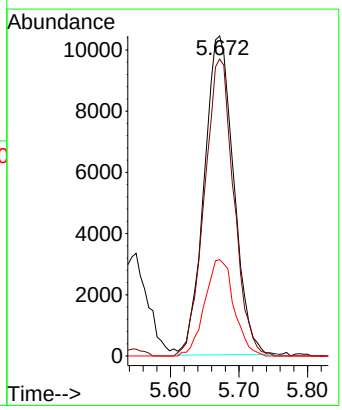
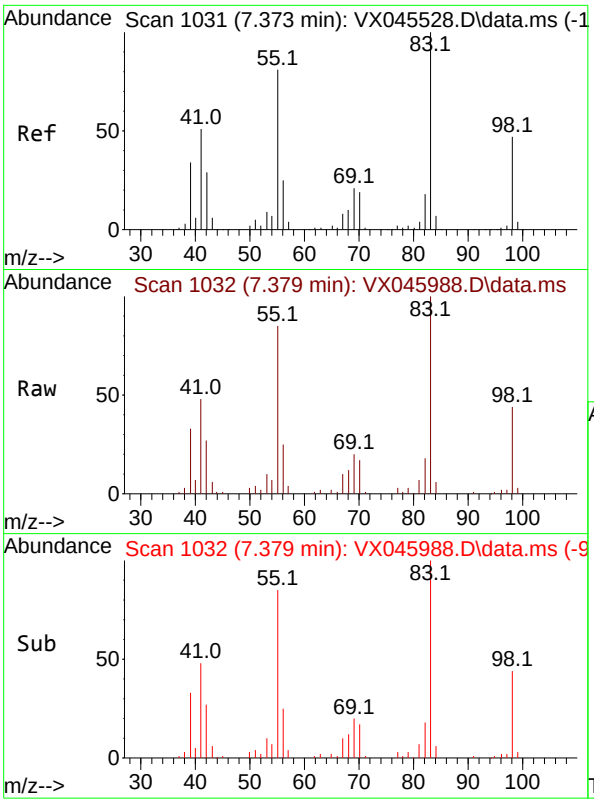


#38
Carbon Tetrachloride
Concen: 21.762 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:117 Resp: 31212

Ion	Ratio	Lower	Upper
117	100		
119	93.3	76.9	115.3
121	30.3	24.2	36.2

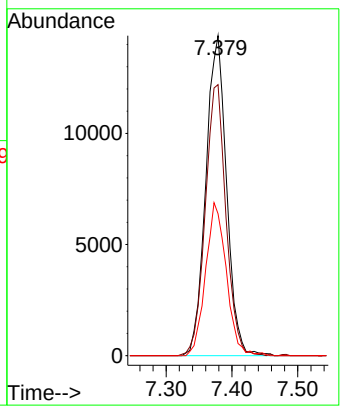




#39
Methylcyclohexane
Concen: 19.400 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 83 Resp: 3155

Ion	Ratio	Lower	Upper
83	100		
55	84.7	64.9	97.3
98	44.4	37.4	56.0



Instrument :
MSVOA_X
ClientSampleId :
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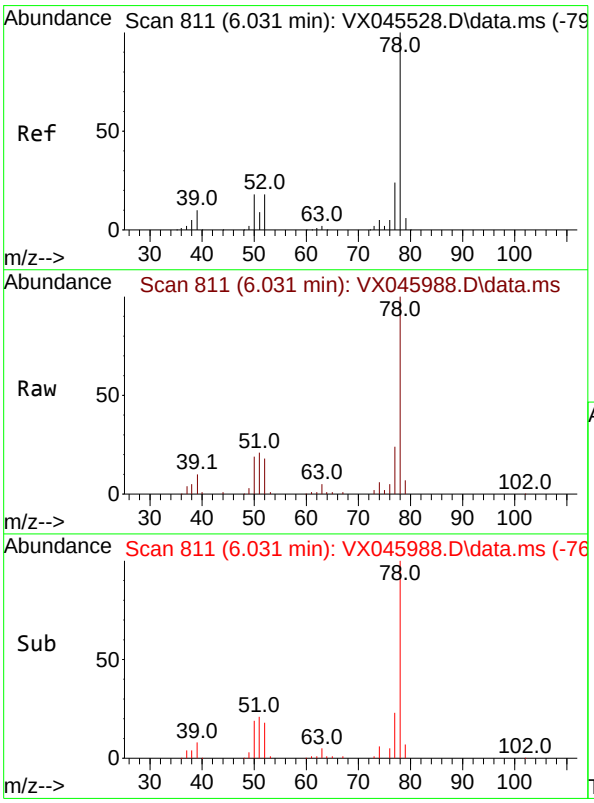
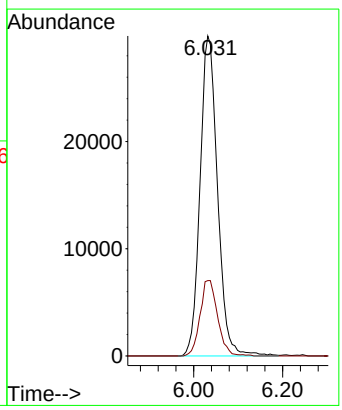
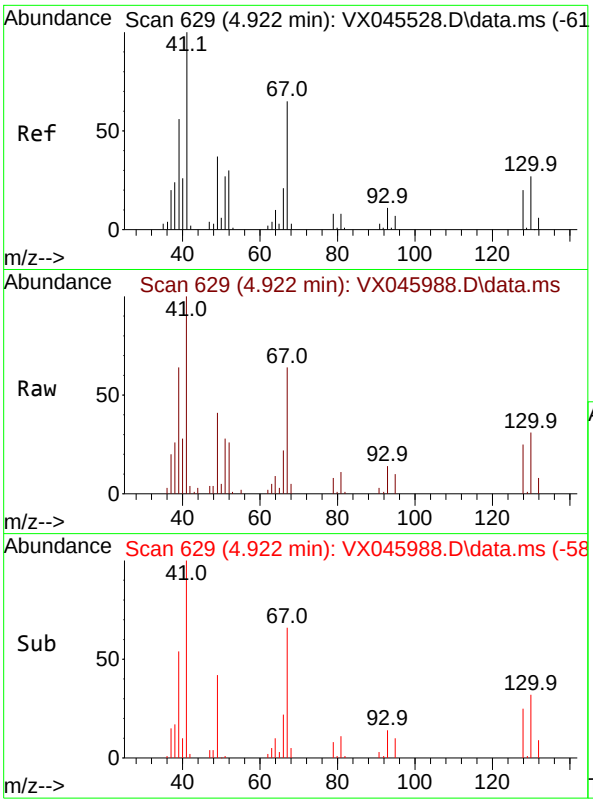


#40
Benzene
Concen: 20.178 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 78 Resp: 81782

Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6

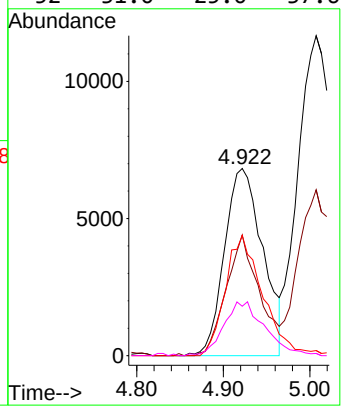




#41
Methacrylonitrile
Concen: 23.812 ug/l
RT: 4.922 min Scan# 6
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 41 Resp: 2101

Ion	Ratio	Lower	Upper
41	100		
39	56.2	47.0	70.6
67	63.4	53.2	79.8
52	31.0	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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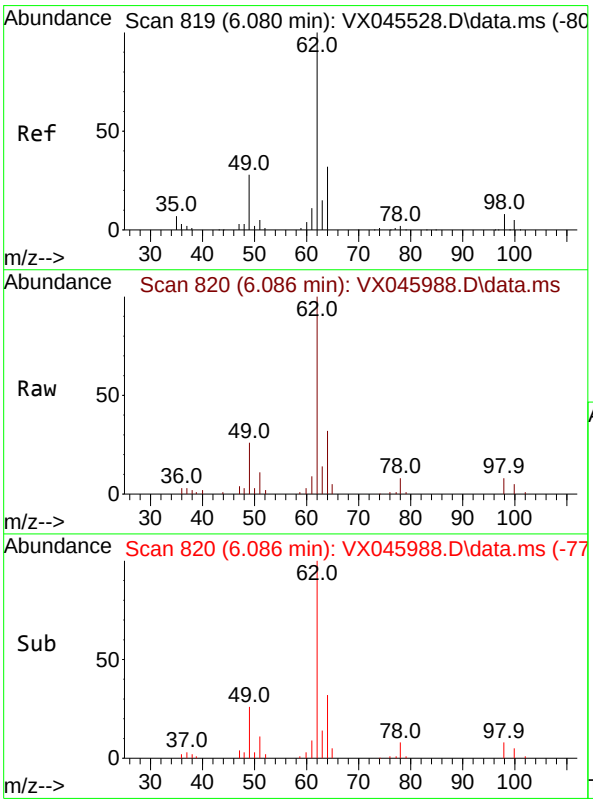
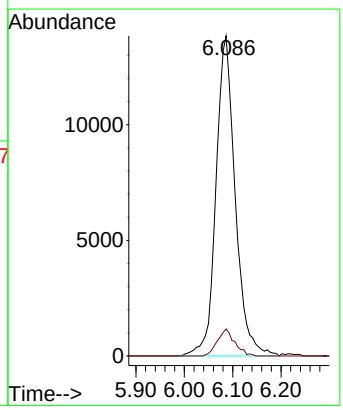
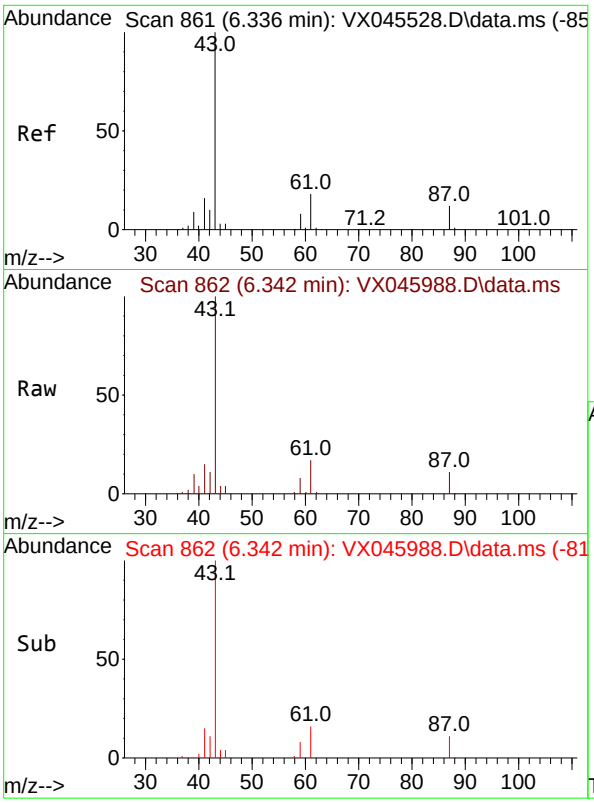


#42
1,2-Dichloroethane
Concen: 22.828 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 62 Resp: 38214

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2





#43
Isopropyl Acetate
Concen: 21.945 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 5562

Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.1	21.1
87	10.9	9.2	13.8

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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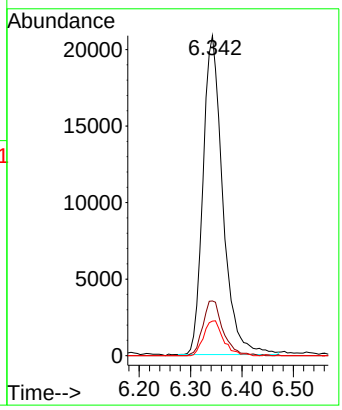
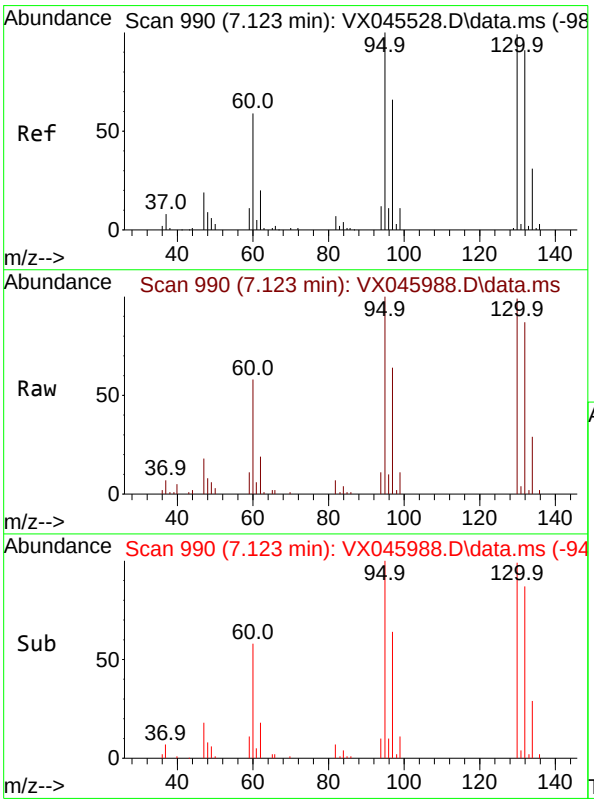
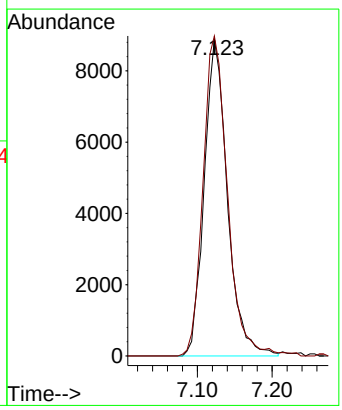


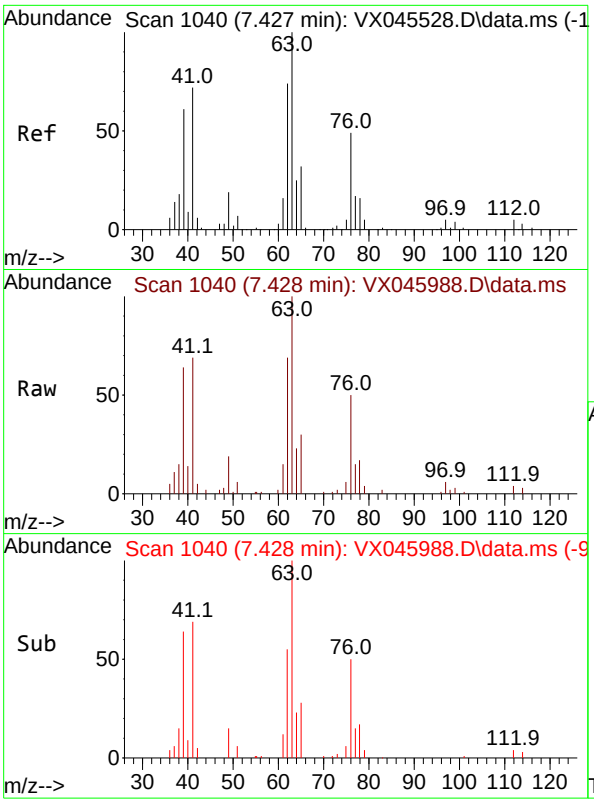


#44
Trichloroethene
Concen: 19.902 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:130 Resp: 19172

Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	202.0

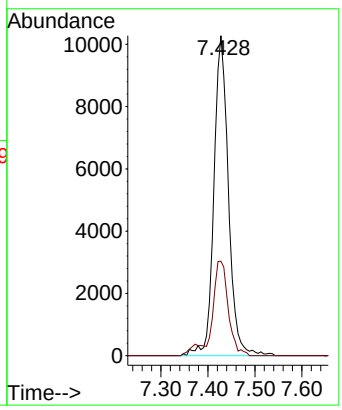




#45
1,2-Dichloropropane
Concen: 21.864 ug/l
RT: 7.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 63 Resp: 2211

Ion	Ratio	Lower	Upper
63	100		
65	29.5	25.8	38.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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Reviewed By :John Carlone 05/02/2025
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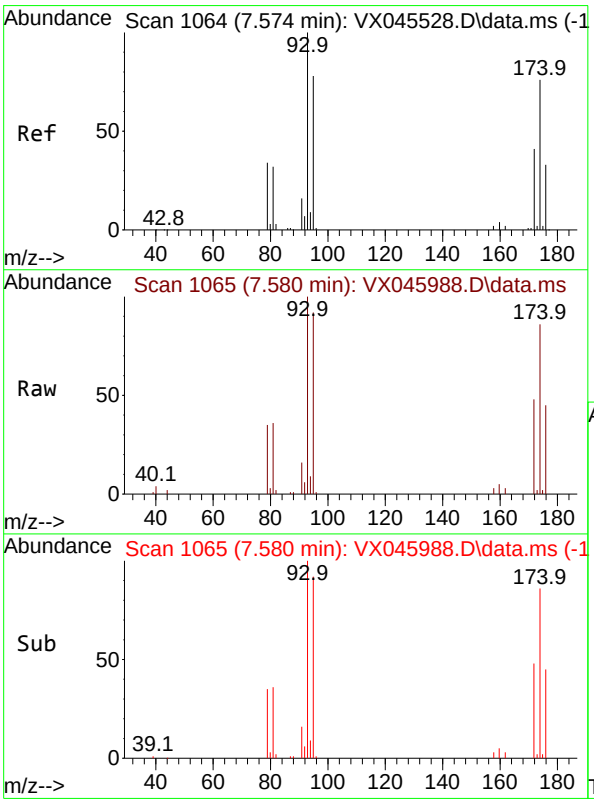
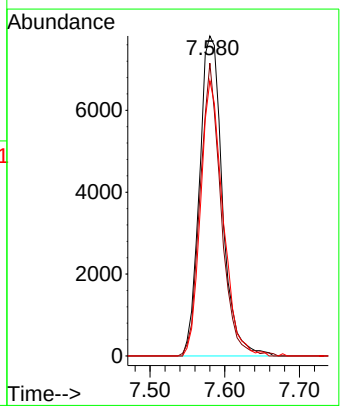
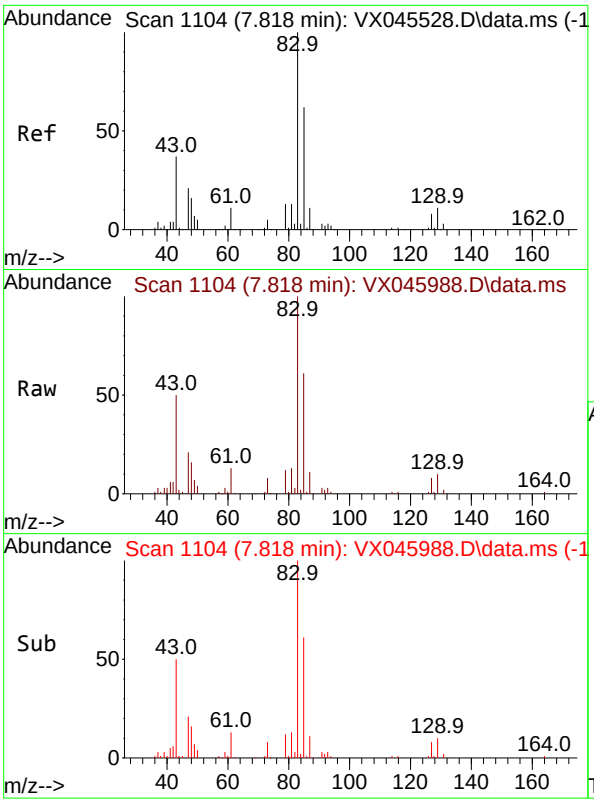


#46
Dibromomethane
Concen: 21.445 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 93 Resp: 16648

Ion	Ratio	Lower	Upper
93	100		
95	83.2	64.8	97.2
174	84.0	65.4	98.0

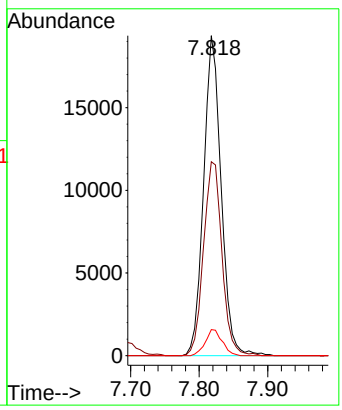




#47
Bromodichloromethane
Concen: 22.278 ug/l
RT: 7.818 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 83 Resp: 3453

Ion	Ratio	Lower	Upper
83	100		
85	60.6	49.7	74.5
127	8.2	6.1	9.1



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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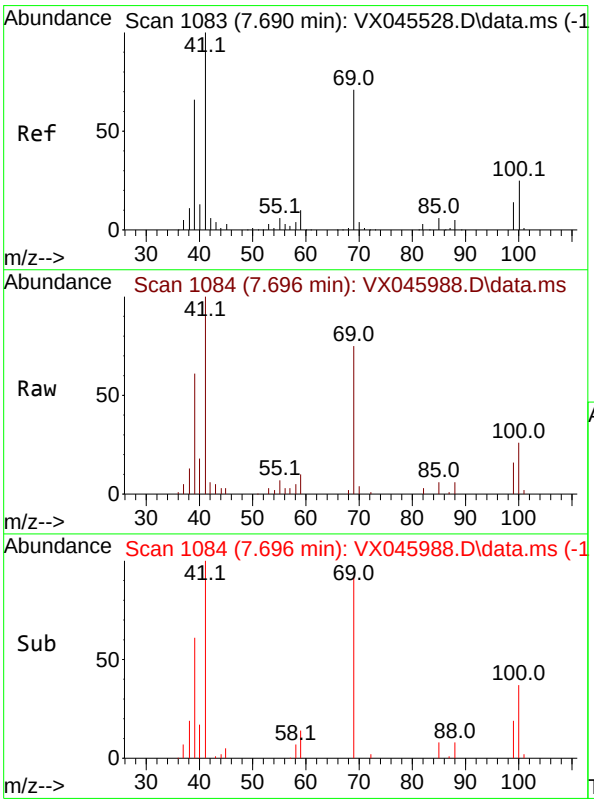
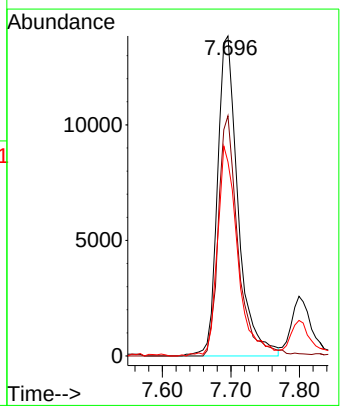
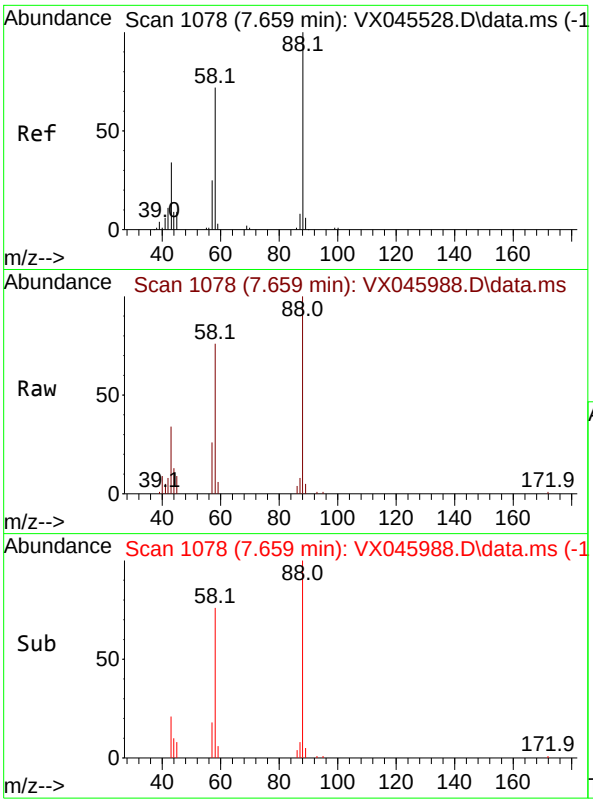


#48
Methyl methacrylate
Concen: 21.964 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 41 Resp: 28745

Ion	Ratio	Lower	Upper
41	100		
69	71.9	58.2	87.2
39	65.2	53.6	80.4





#49
1,4-Dioxane
Concen: 490.868 ug/l
RT: 7.659 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 88 Resp: 1162

Ion	Ratio	Lower	Upper
88	100		
43	42.4	32.2	48.4
58	75.1	58.6	88.0

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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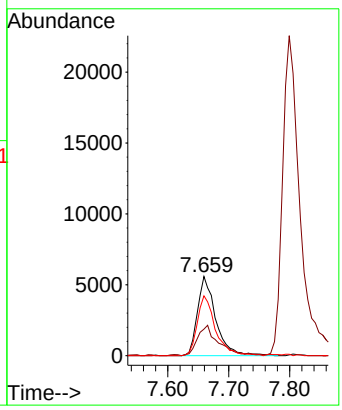
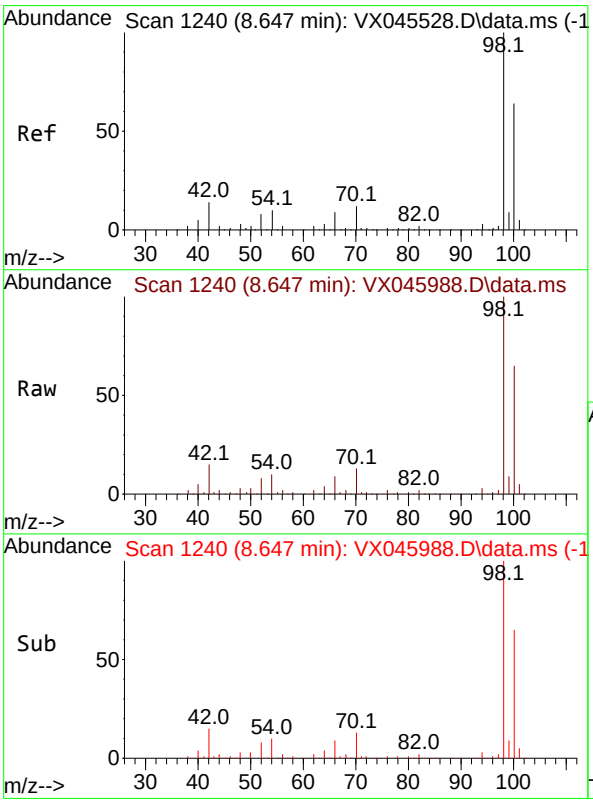
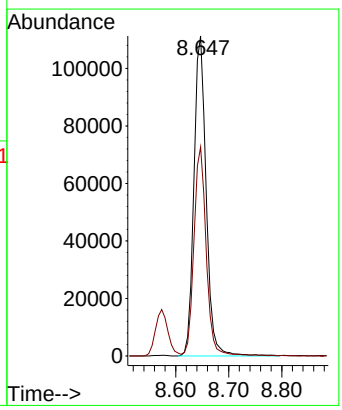


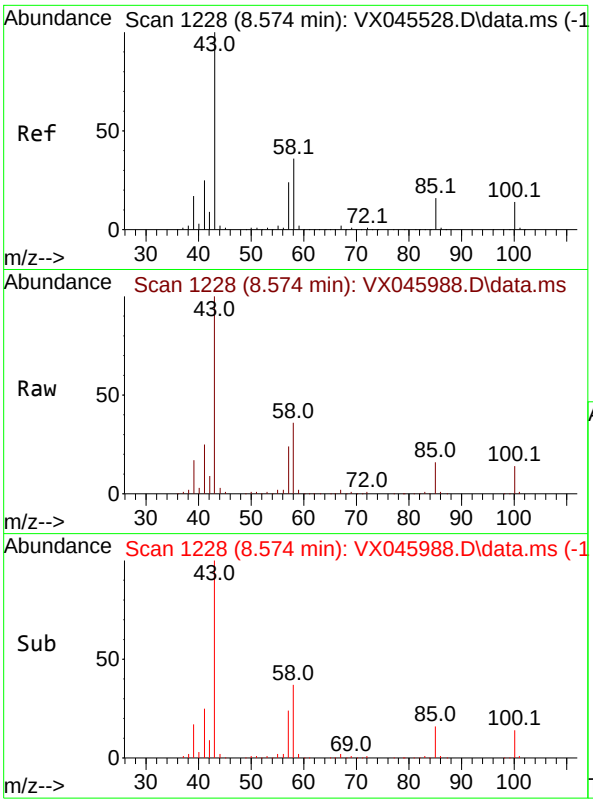


#50
Toluene-d8
Concen: 52.094 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 98 Resp: 178715

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.2	78.4

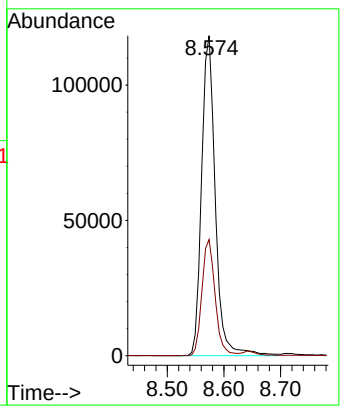




#51
4-Methyl-2-Pentanone
Concen: 118.239 ug/l
RT: 8.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 19868

Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
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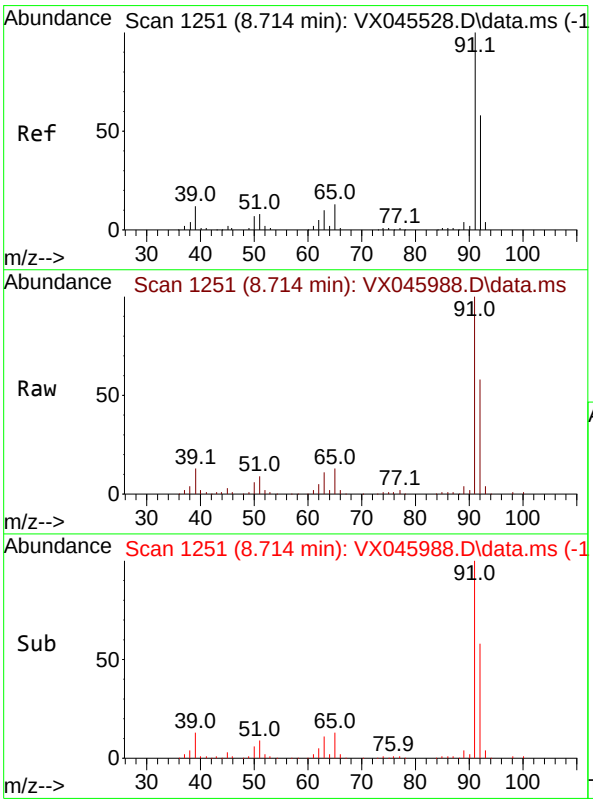
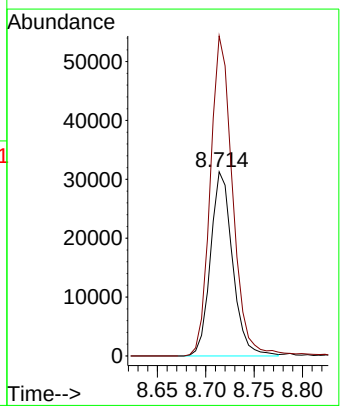
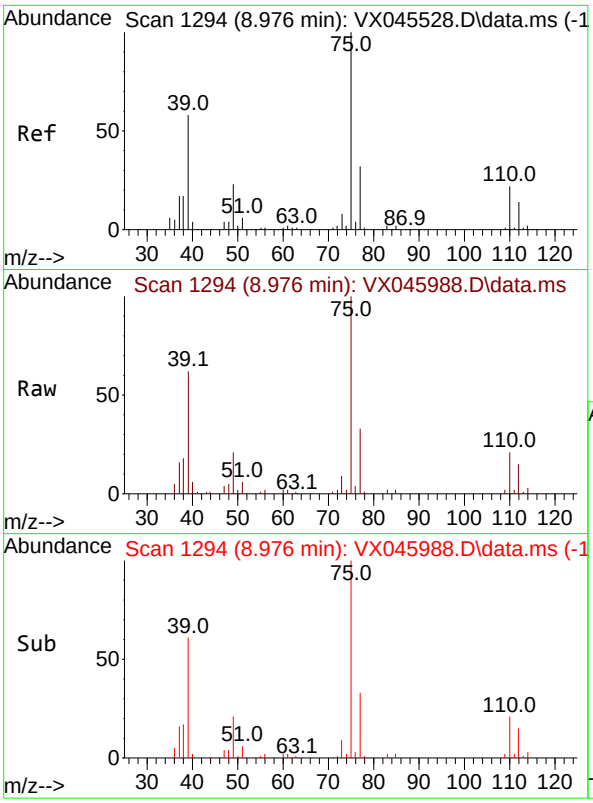


#52
Toluene
Concen: 20.234 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 92 Resp: 49625

Ion	Ratio	Lower	Upper
92	100		
91	177.0	138.7	208.1

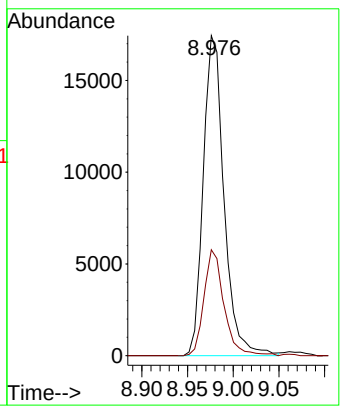




#53
t-1,3-Dichloropropene
Concen: 19.886 ug/l
RT: 8.976 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 75 Resp: 2749

Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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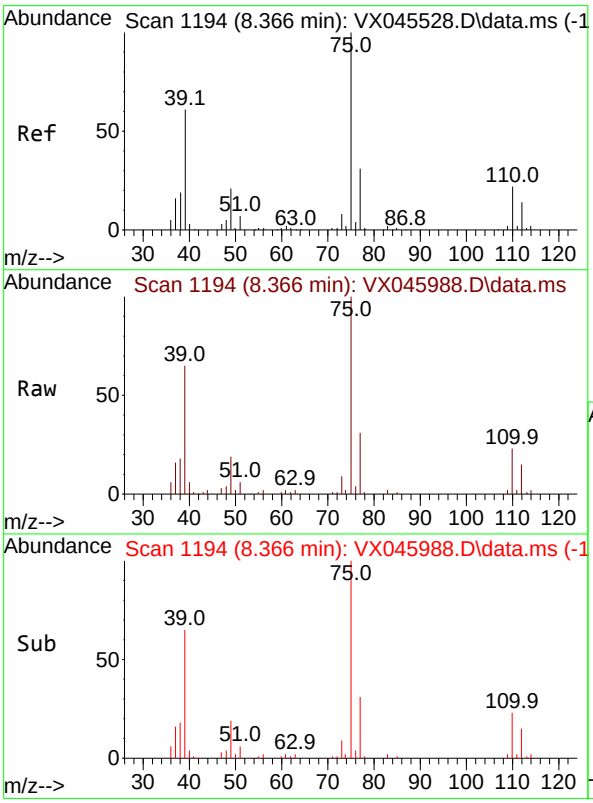
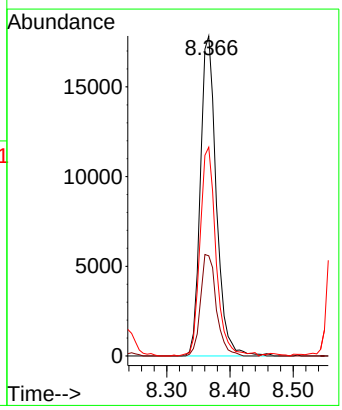
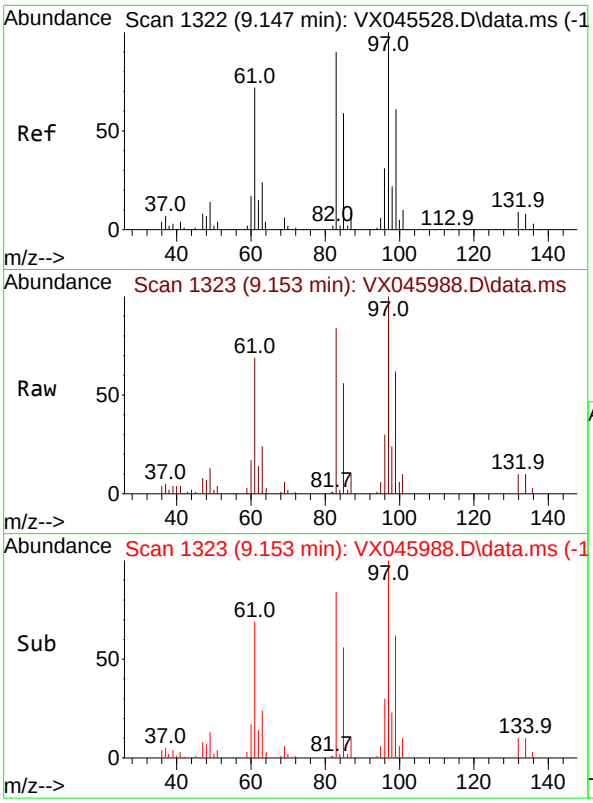


#54
cis-1,3-Dichloropropene
Concen: 21.496 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 75 Resp: 31316

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	65.3	48.4	72.6

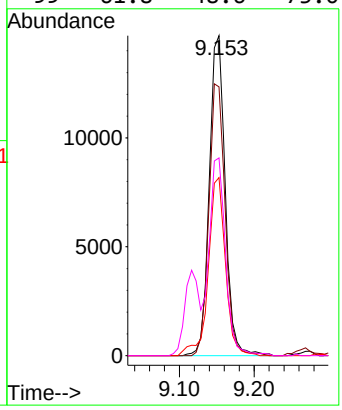




#55
1,1,2-Trichloroethane
Concen: 22.336 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 97 Resp: 2182

Ion	Ratio	Lower	Upper
97	100		
83	84.0	71.8	107.8
85	55.7	47.0	70.6
99	61.8	48.6	73.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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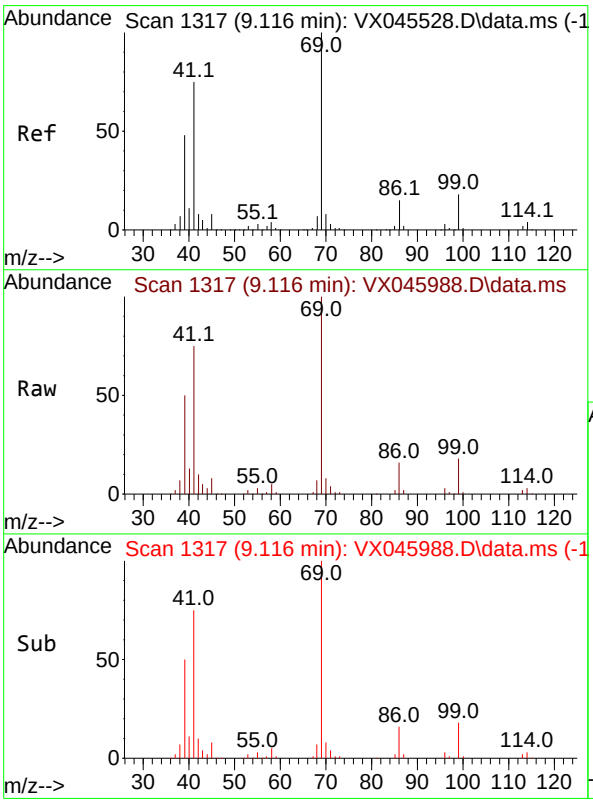
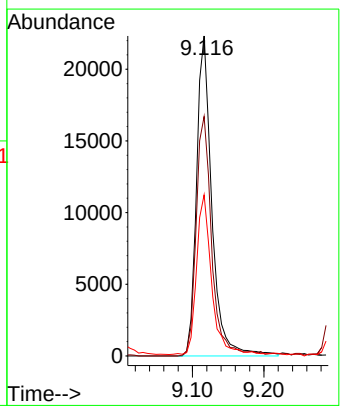
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

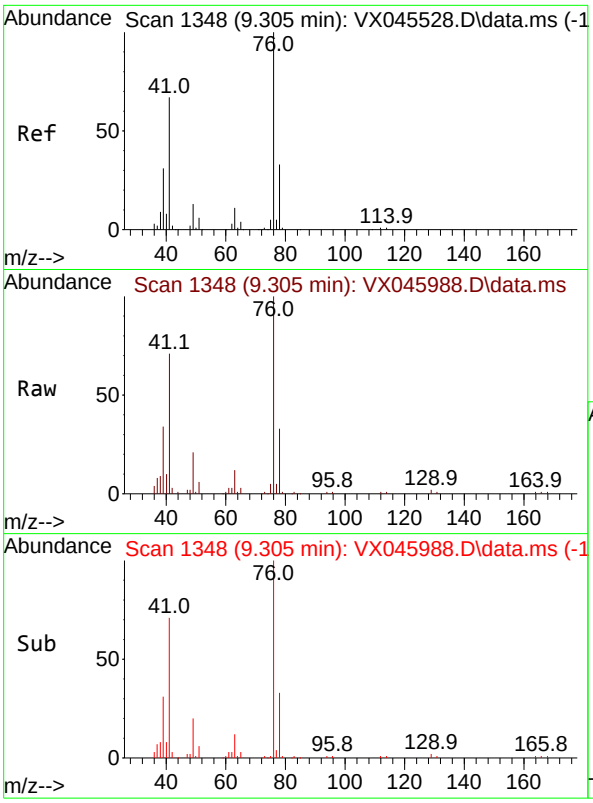


#56
Ethyl methacrylate
Concen: 21.967 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 69 Resp: 33224

Ion	Ratio	Lower	Upper
69	100		
41	76.4	61.3	91.9
39	49.1	40.2	60.2

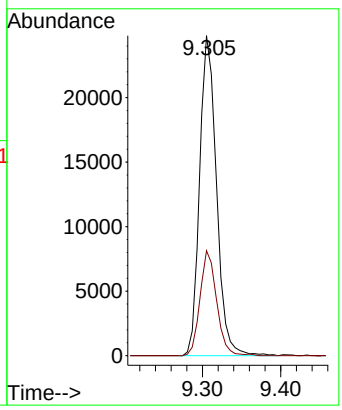




#57
1,3-Dichloropropane
Concen: 21.798 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 76 Resp: 3709

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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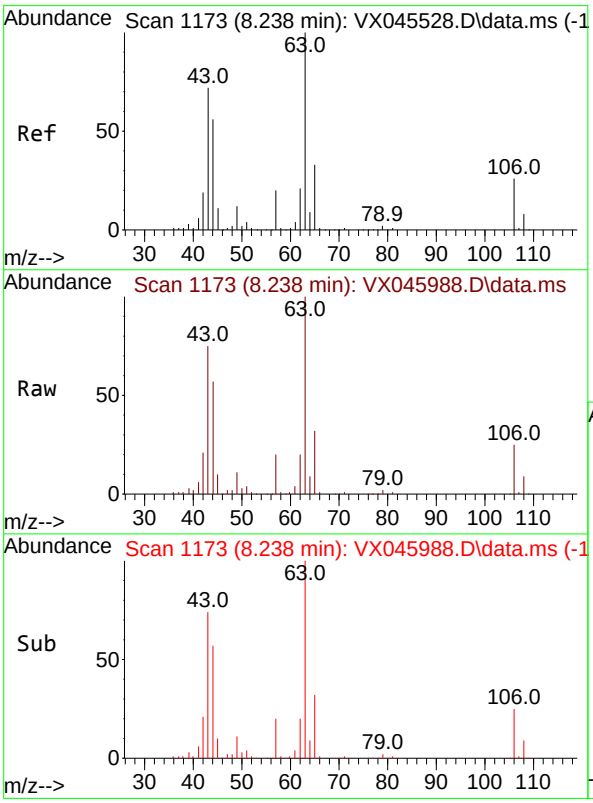
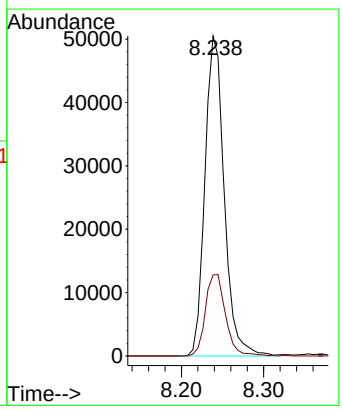
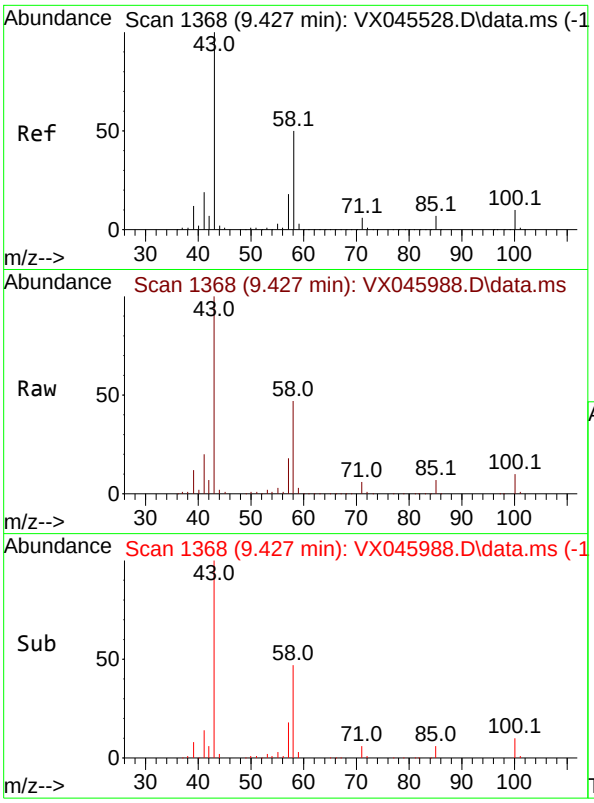


#58
2-Chloroethyl Vinyl ether
Concen: 107.537 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 63 Resp: 82278

Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.0	31.6

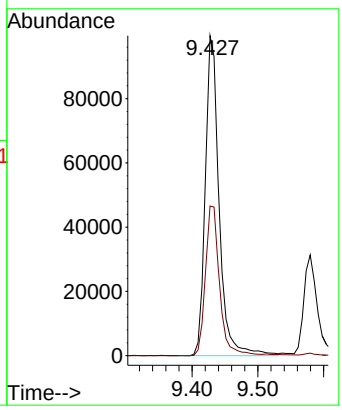




#59
2-Hexanone
Concen: 117.173 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 14580

Ion	Ratio	Lower	Upper
43	100		
58	47.8	24.9	74.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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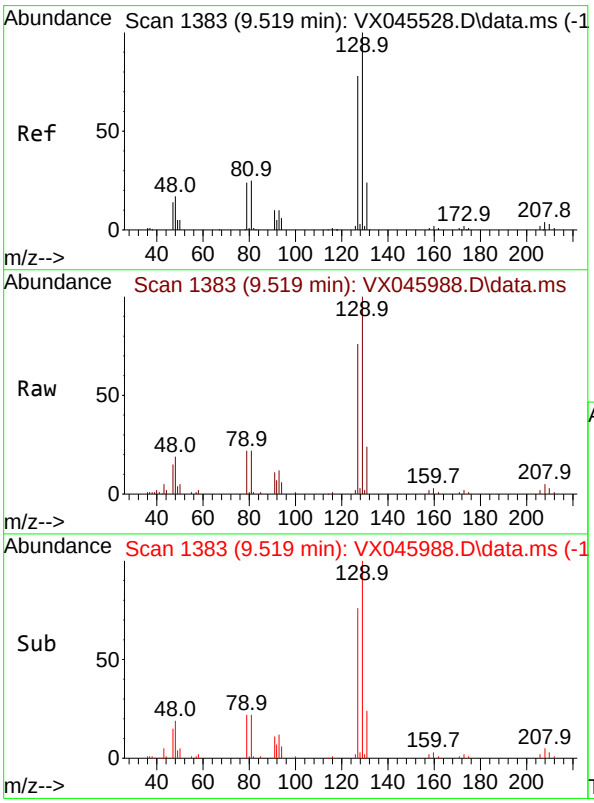
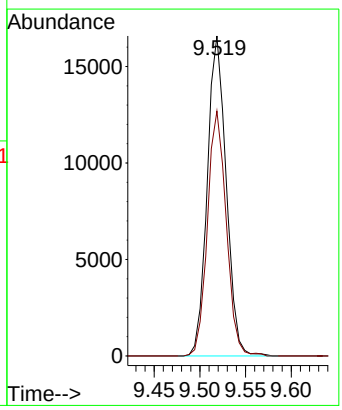
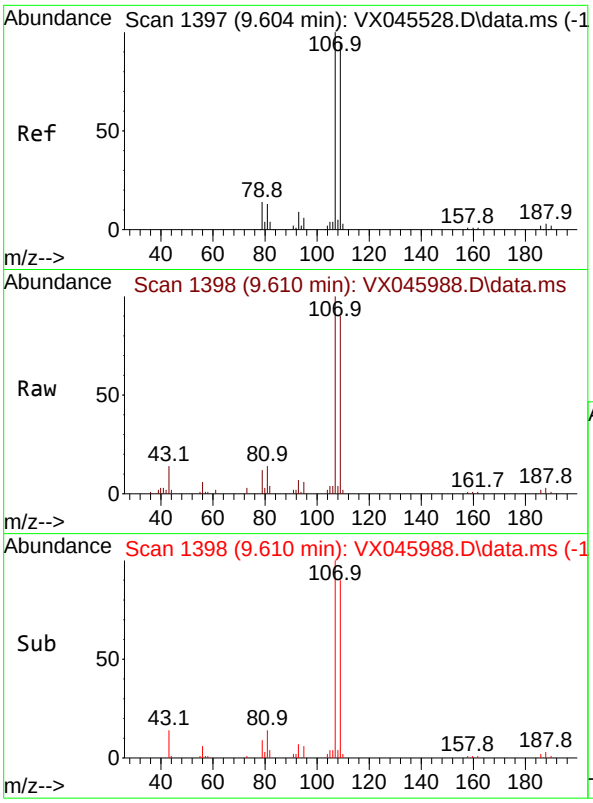


#60
Dibromochloromethane
Concen: 22.366 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:129 Resp: 23829

Ion	Ratio	Lower	Upper
129	100		
127	76.1	39.4	118.2

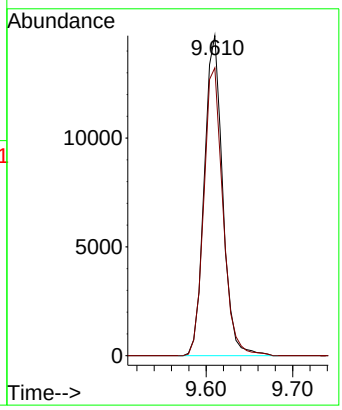




#61
1,2-Dibromoethane
Concen: 21.881 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:107 Resp: 2164

Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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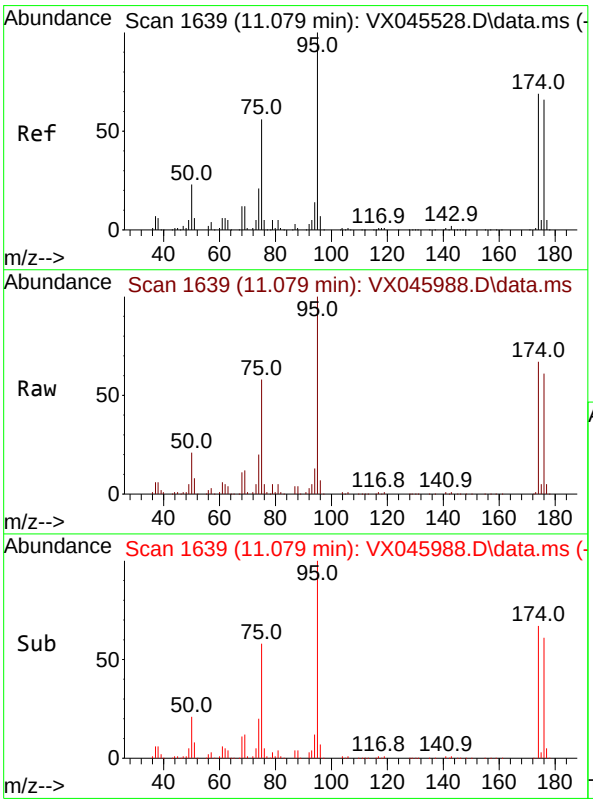
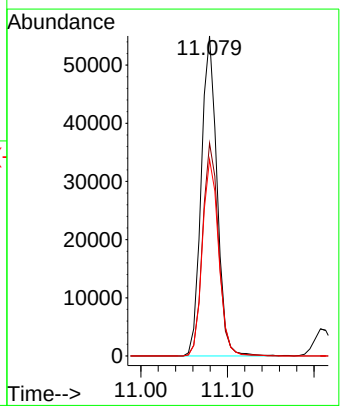
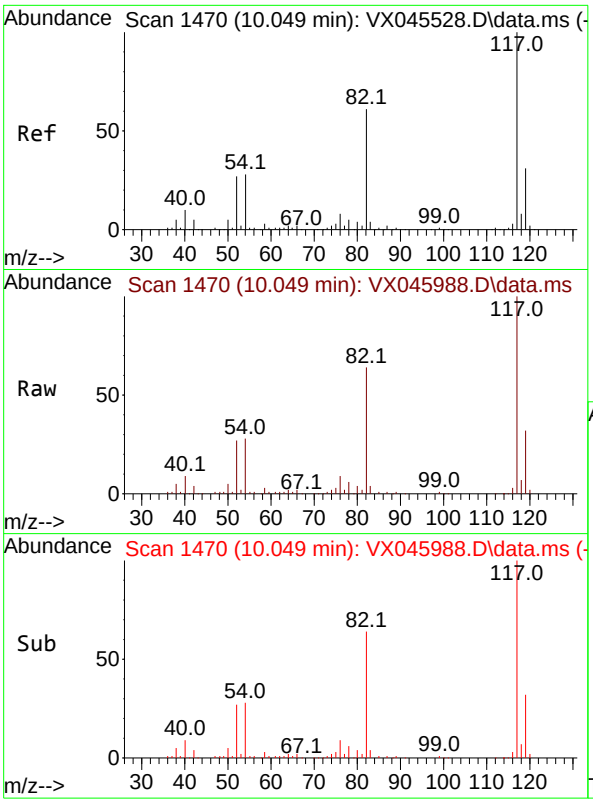


#62
4-Bromofluorobenzene
Concen: 55.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 95 Resp: 69575

Ion	Ratio	Lower	Upper
95	100		
174	67.2	0.0	135.8
176	63.4	0.0	131.4

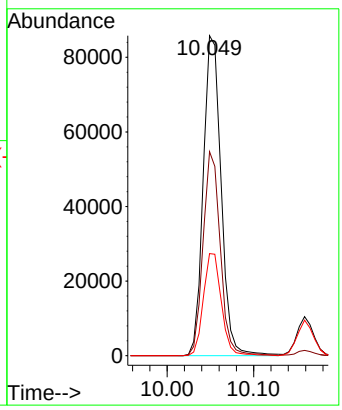




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:117 Resp: 12315

Ion	Ratio	Lower	Upper
117	100		
82	63.8	49.2	73.8
119	31.9	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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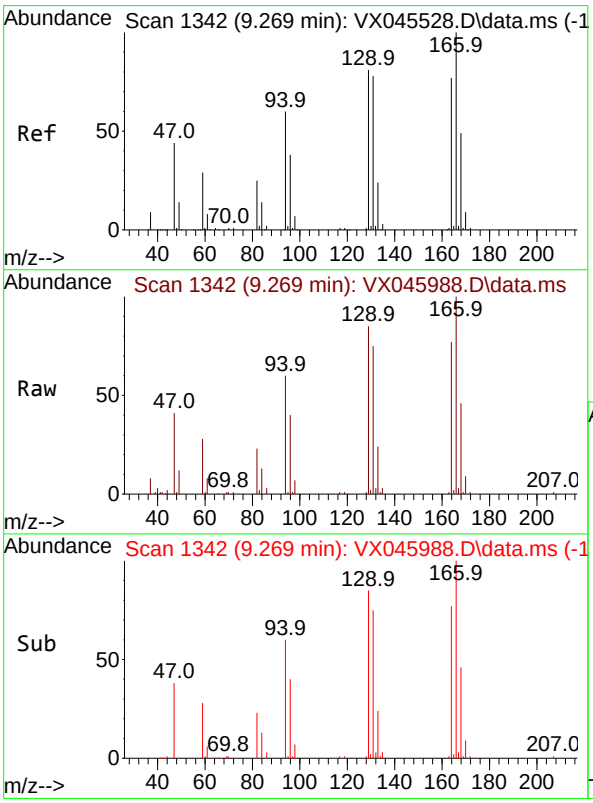
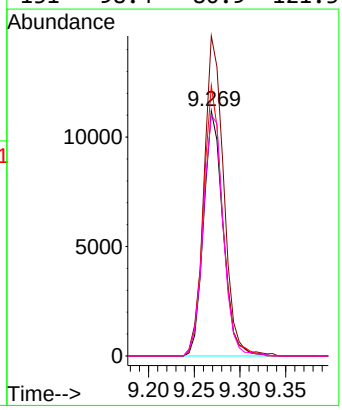
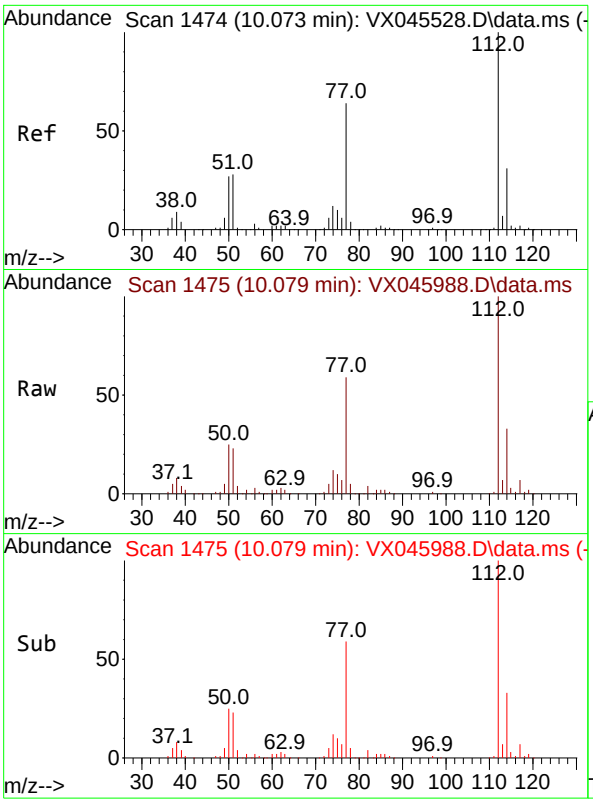


#64
Tetrachloroethene
Concen: 19.003 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:164 Resp: 16523

Ion	Ratio	Lower	Upper
164	100		
166	130.6	103.8	155.8
129	110.4	84.3	126.5
131	98.4	80.9	121.3

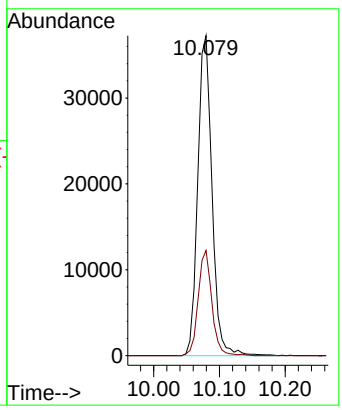




#65
Chlorobenzene
Concen: 21.309 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:112 Resp: 5607

Ion	Ratio	Lower	Upper
112	100		
114	32.9	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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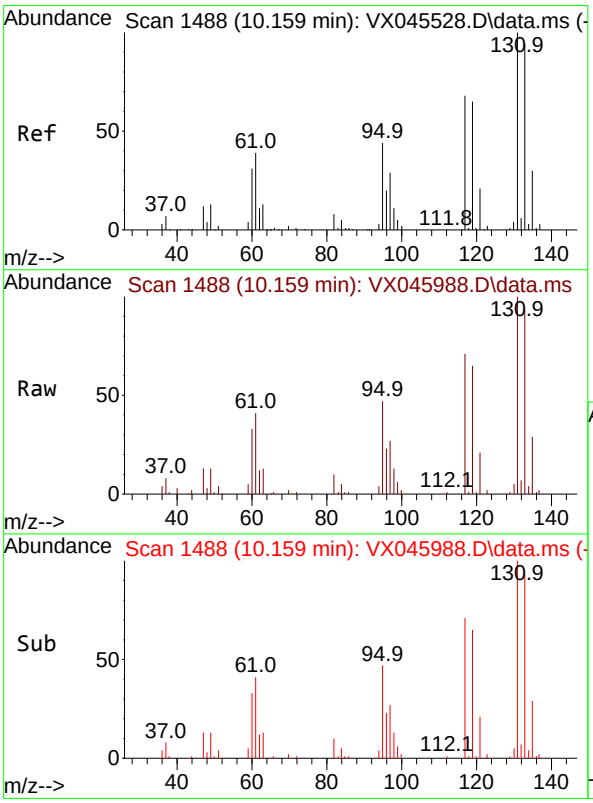
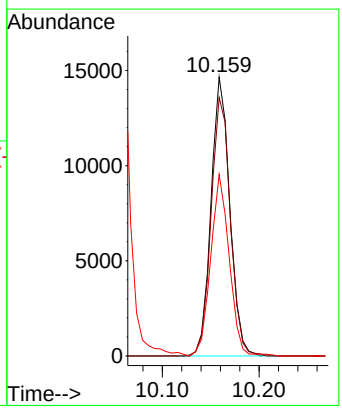
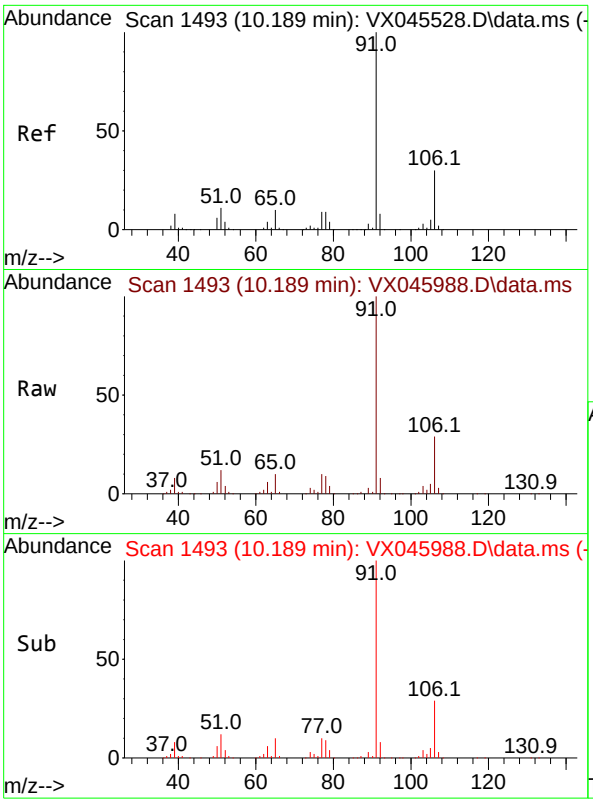


#66
1,1,1,2-Tetrachloroethane
Concen: 21.604 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:131 Resp: 19738

Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.5	142.5
119	64.3	32.9	98.6

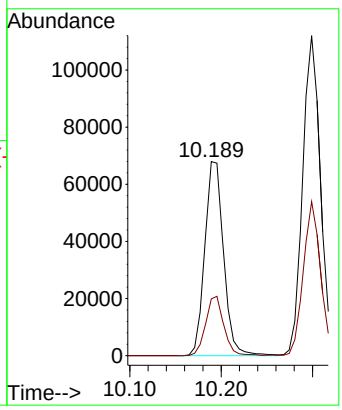




#67
Ethyl Benzene
Concen: 20.633 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 91 Resp: 9724

Ion	Ratio	Lower	Upper
91	100		
106	29.2	23.7	35.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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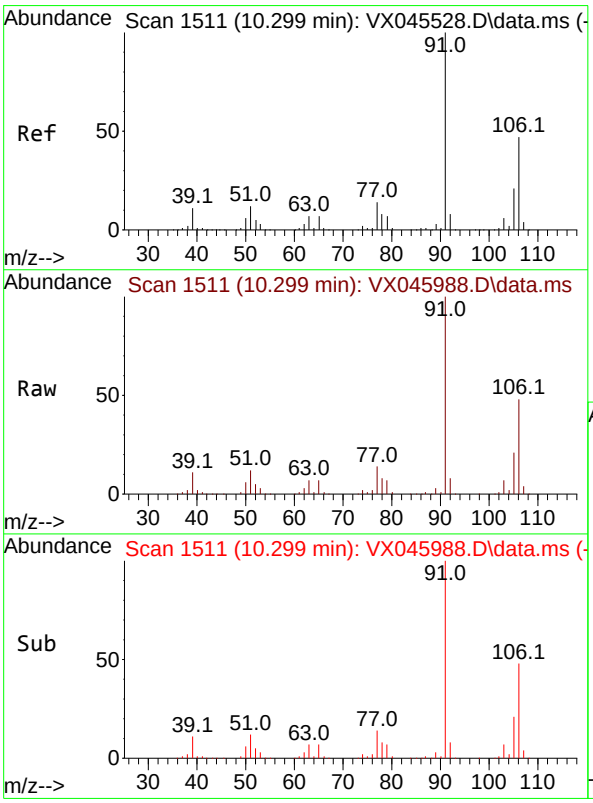
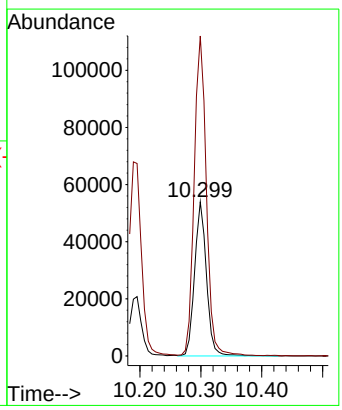
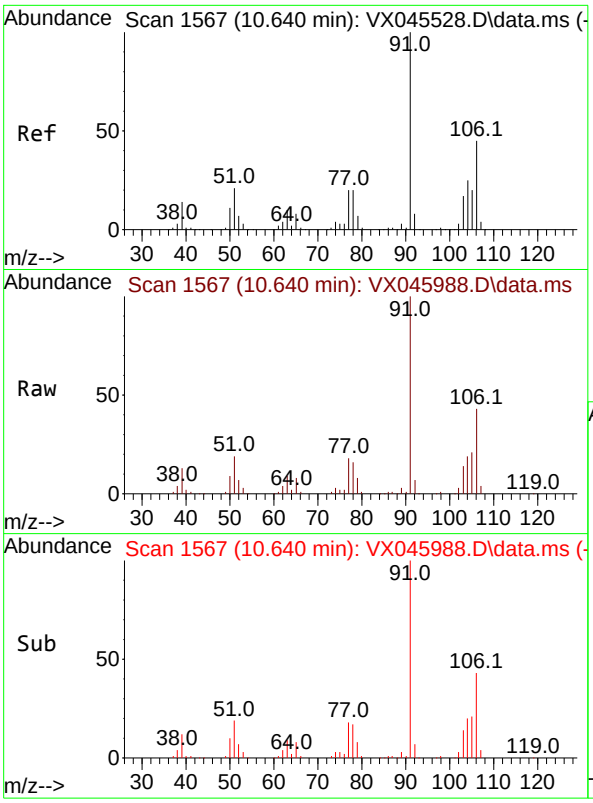


#68
m/p-Xylenes
Concen: 42.527 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:106 Resp: 72902

Ion	Ratio	Lower	Upper
106	100		
91	212.0	172.6	258.8

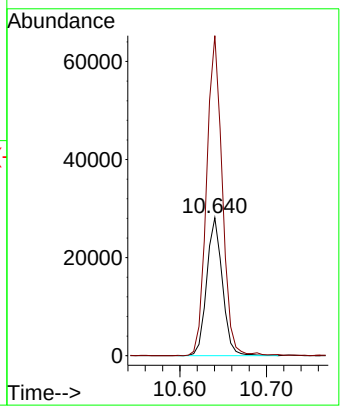




#69
o-Xylene
Concen: 20.963 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:106 Resp: 3540

Ion	Ratio	Lower	Upper
106	100		
91	232.7	113.6	340.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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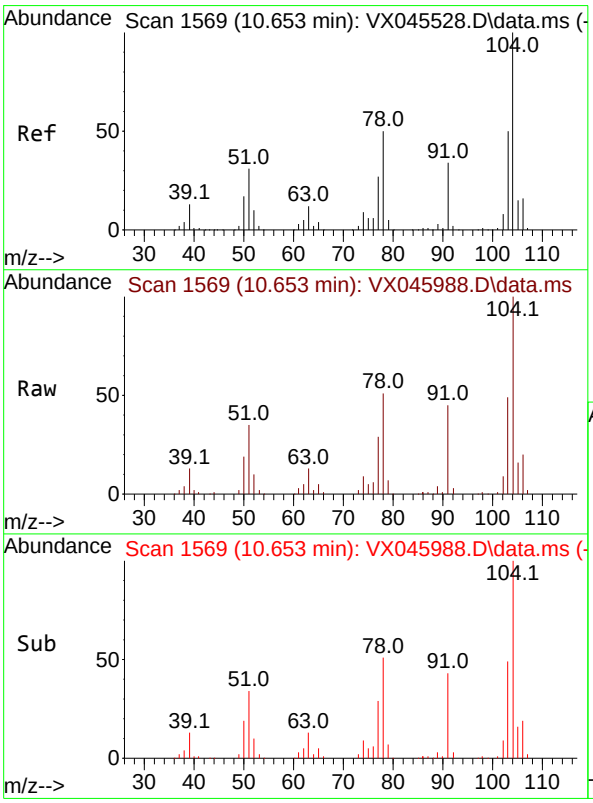
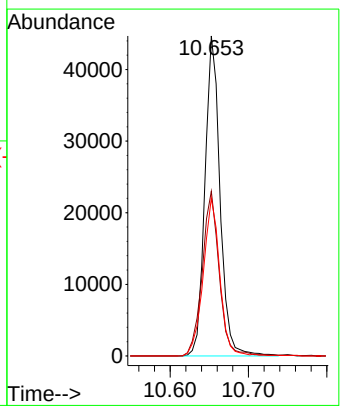
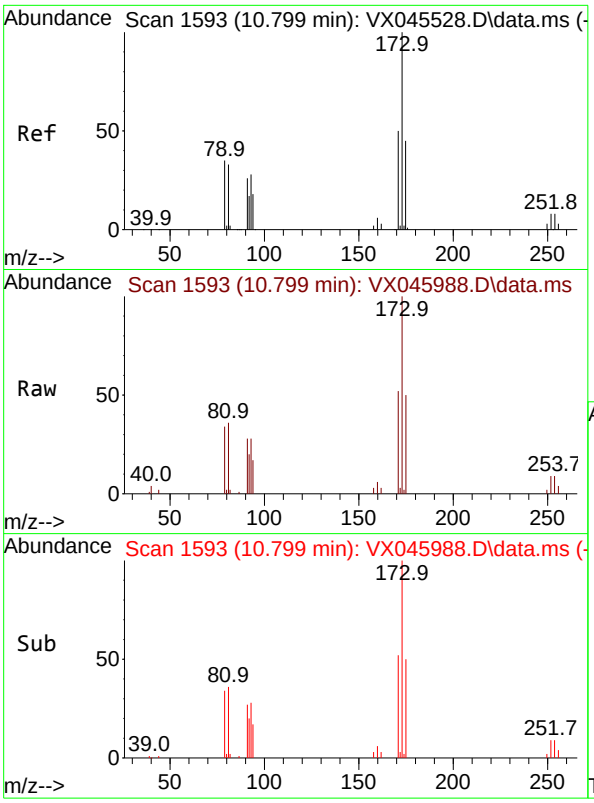


#70
Styrene
Concen: 21.489 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:104 Resp: 59894

Ion	Ratio	Lower	Upper
104	100		
78	57.9	45.4	68.2
103	54.3	43.8	65.8





#71
Bromoform
Concen: 21.582 ug/l
RT: 10.799 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:173 Resp: 1472

Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.4	70.2
254	0.0	0.0	0.0

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations APPROVED

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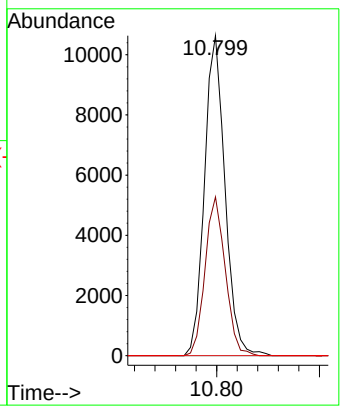
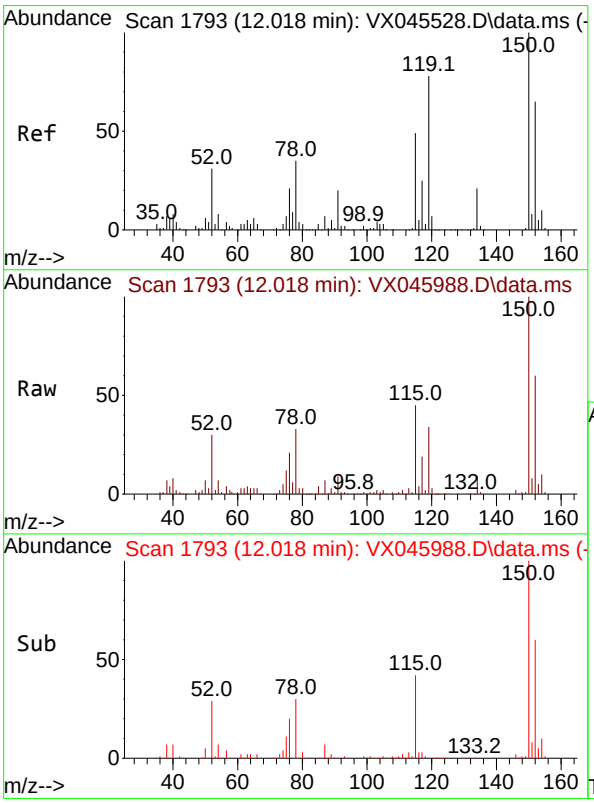
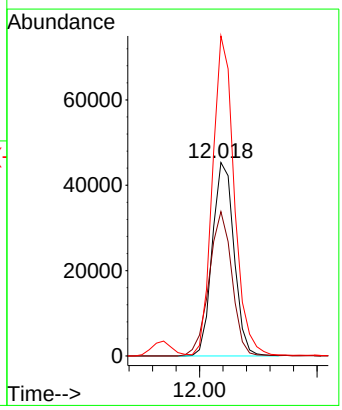


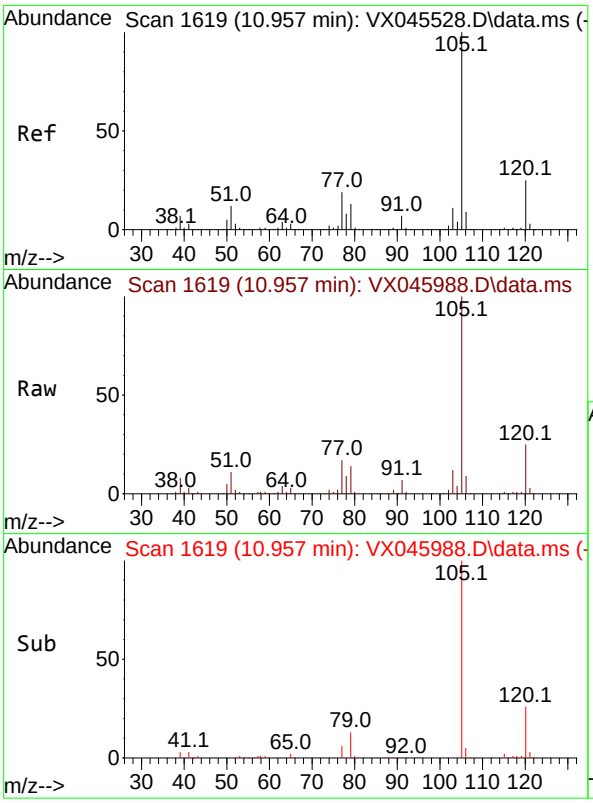


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:152 Resp: 58135

Ion	Ratio	Lower	Upper
152	100		
115	78.5	46.9	140.7
150	166.1	0.0	349.4





#73
Isopropylbenzene
Concen: 20.743 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:105 Resp: 9659

Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.7	38.0

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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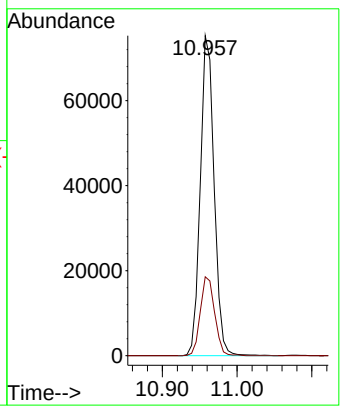
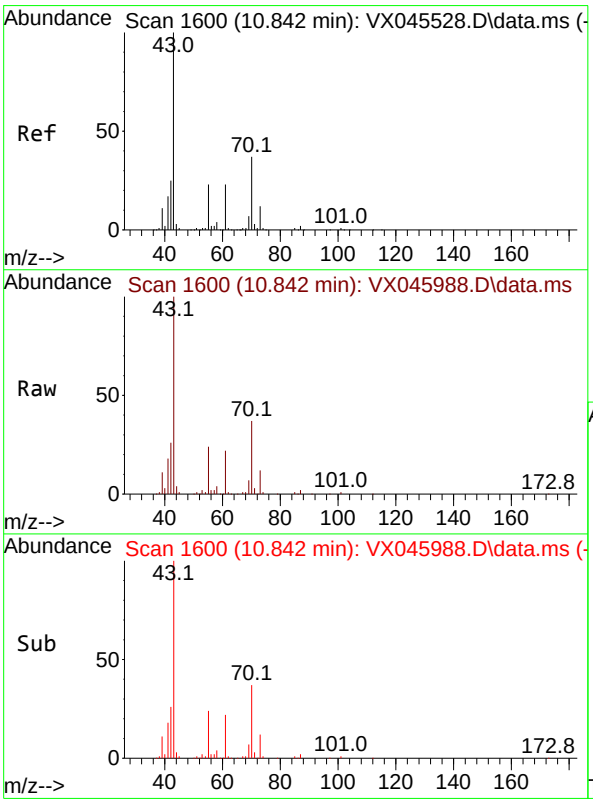
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

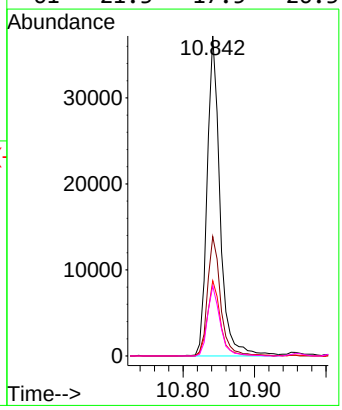


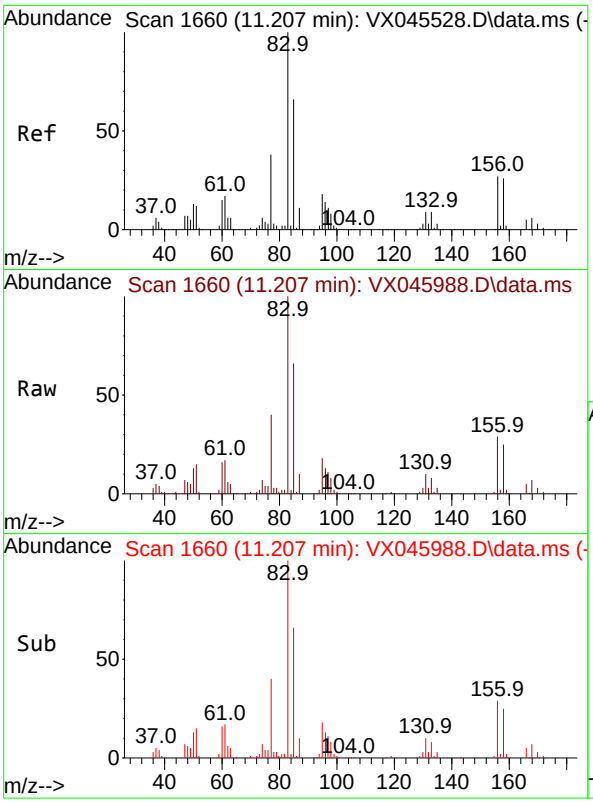


#74
N-amyl acetate
Concen: 21.003 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 43 Resp: 46784

Ion	Ratio	Lower	Upper
43	100		
70	37.6	30.1	45.1
55	23.7	18.3	27.5
61	21.3	17.5	26.3

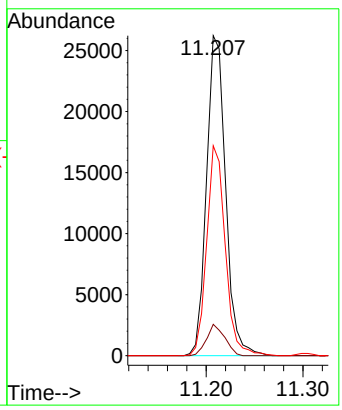




#75
1,1,2,2-Tetrachloroethane
Concen: 22.010 ug/l
RT: 11.207 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 83 Resp: 3600

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.7	14.1
85	63.9	32.4	97.2



Instrument :
MSVOA_X
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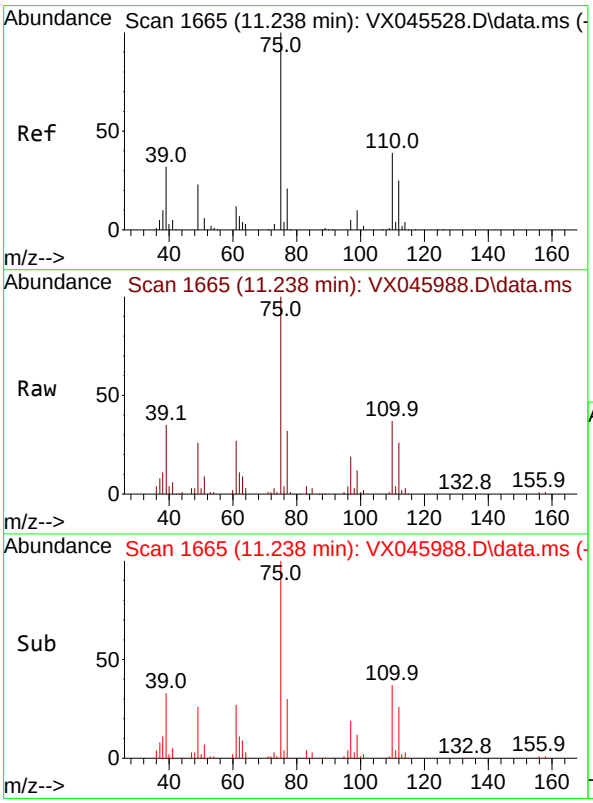
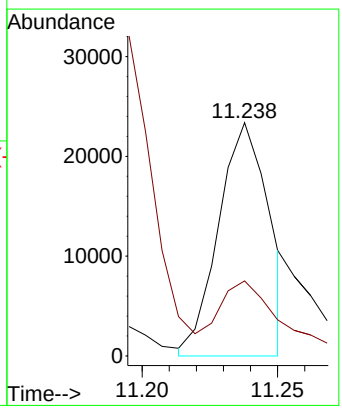
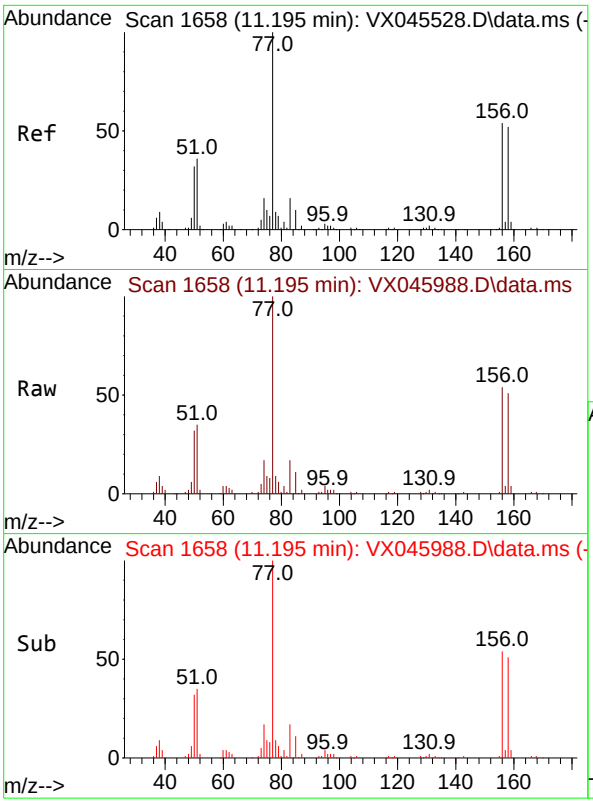


#76
1,2,3-Trichloropropane
Concen: 21.367 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 75 Resp: 30299

Ion	Ratio	Lower	Upper
75	100		
77	40.4	20.0	59.9

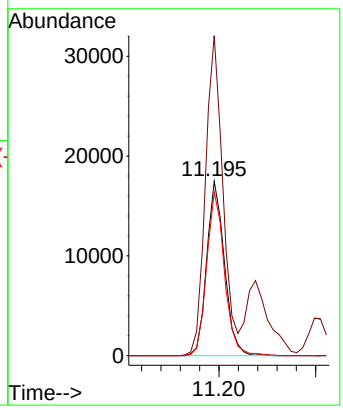




#77
Bromobenzene
Concen: 20.767 ug/l
RT: 11.195 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:156 Resp: 2234

Ion	Ratio	Lower	Upper
156	100		
77	180.2	92.6	277.8
158	94.2	48.1	144.4



Instrument :
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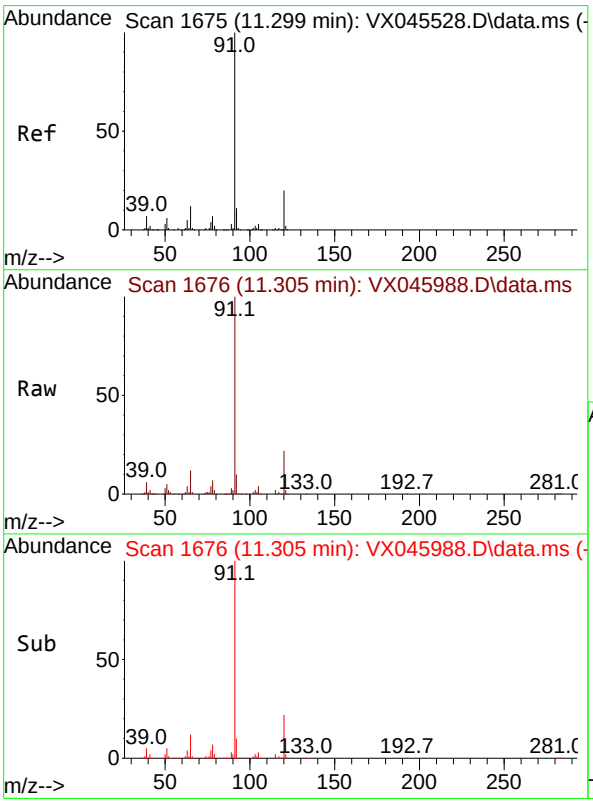
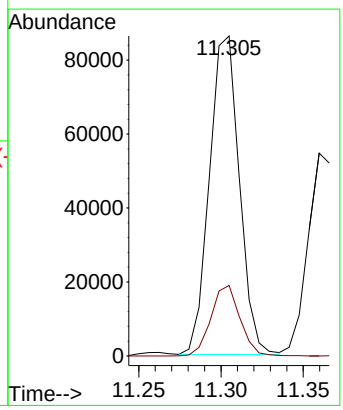
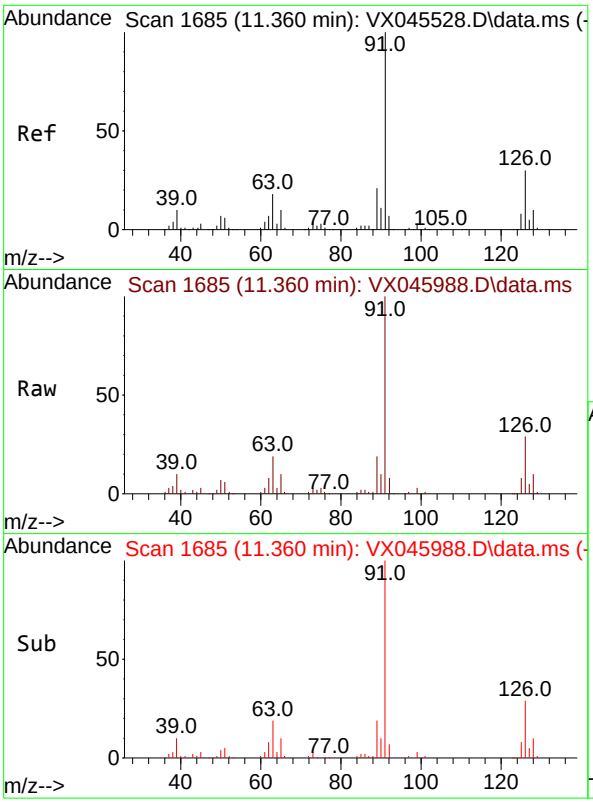


#78
n-propylbenzene
Concen: 20.349 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 91 Resp: 109148

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.3





#79
2-Chlorotoluene
Concen: 20.433 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 91 Resp: 7006

Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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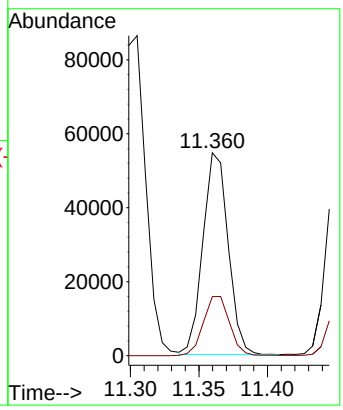
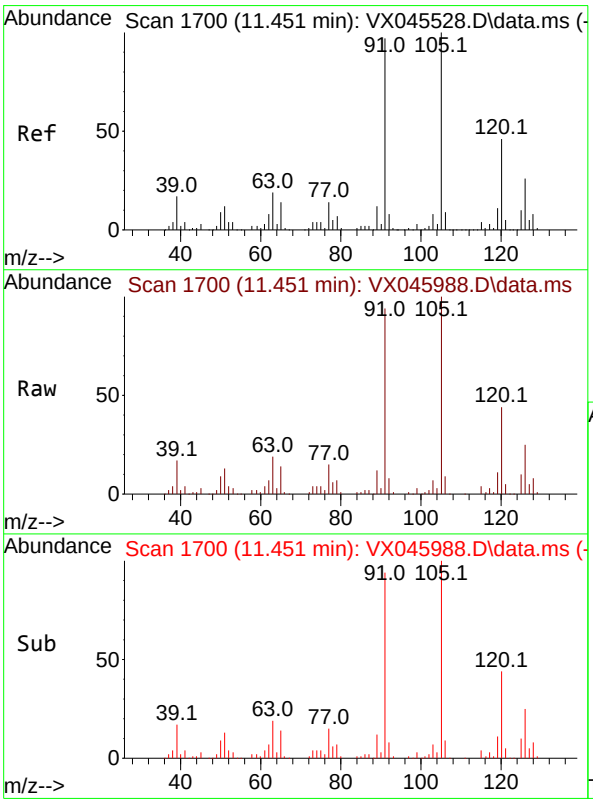
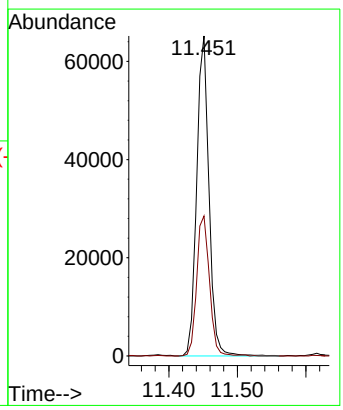


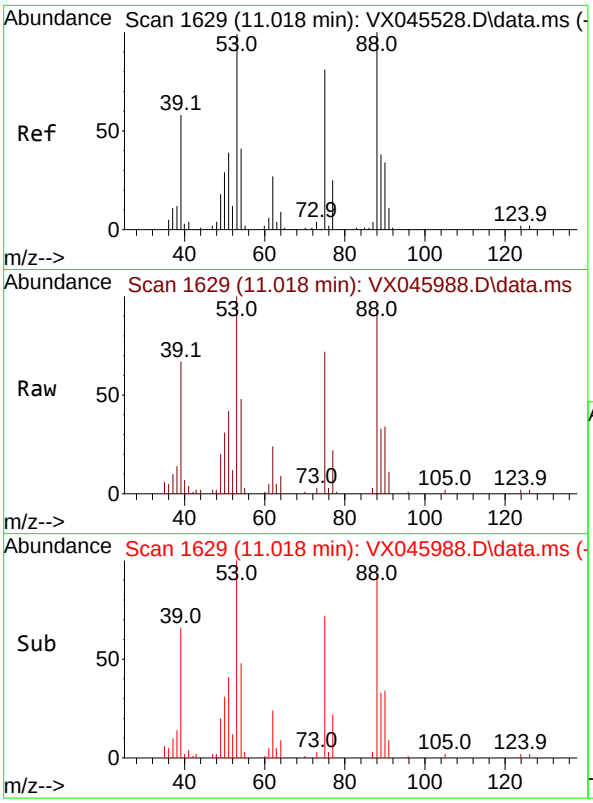


#80
1,3,5-Trimethylbenzene
Concen: 21.108 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:105 Resp: 81280

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.0	69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.331 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 75 Resp: 807

Ion	Ratio	Lower	Upper
75	100		
53	138.0	101.8	152.6
89	46.8	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

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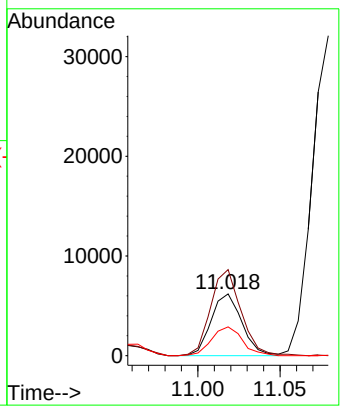
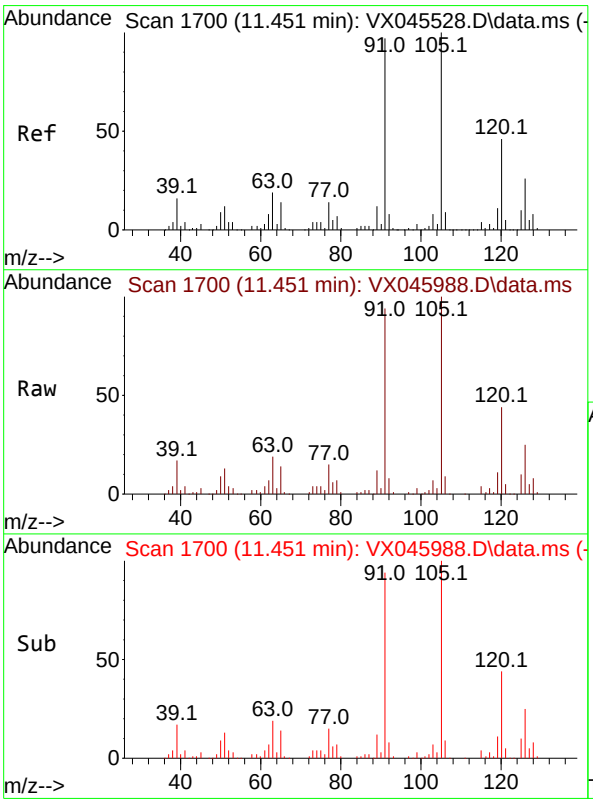
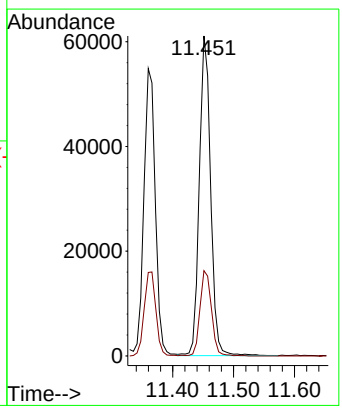


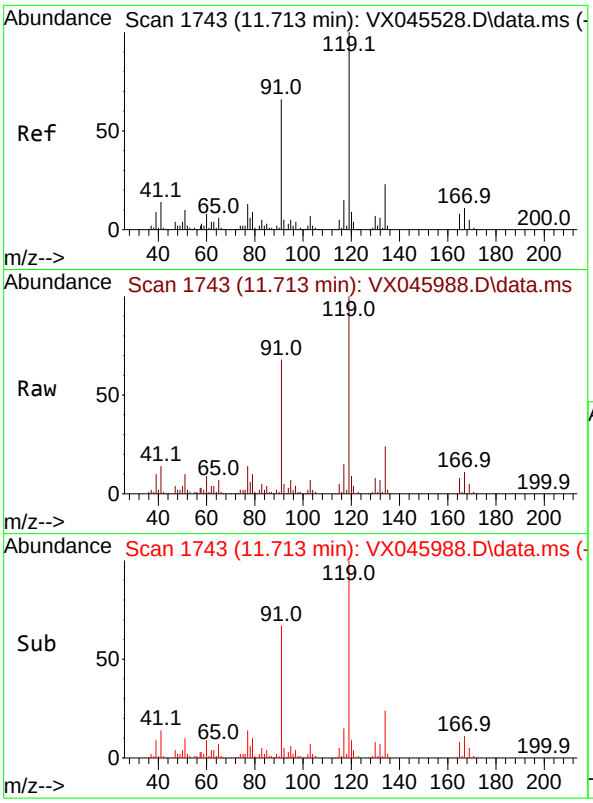


#82
4-Chlorotoluene
Concen: 20.541 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 91 Resp: 78533

Ion	Ratio	Lower	Upper
91	100		
126	27.1	13.3	39.9

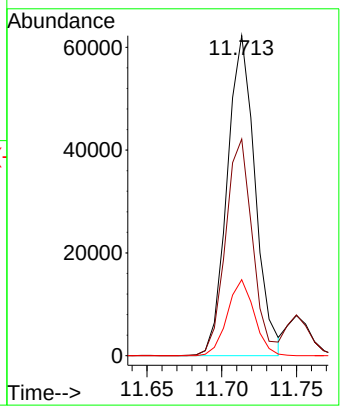




#83
tert-Butylbenzene
Concen: 21.196 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:119 Resp: 8080

Ion	Ratio	Lower	Upper
119	100		
91	66.0	32.4	97.2
134	22.9	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
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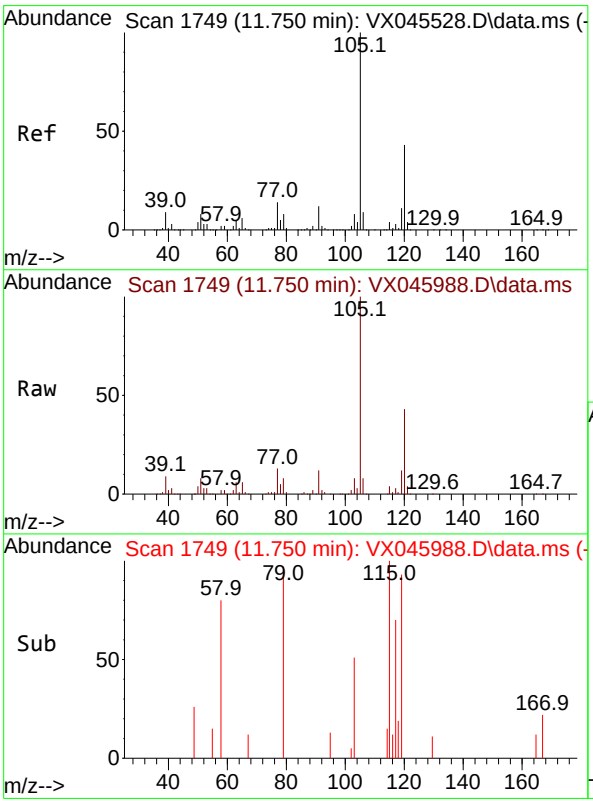
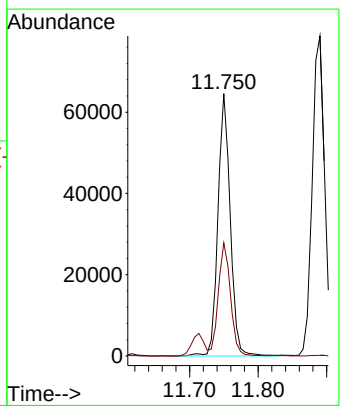
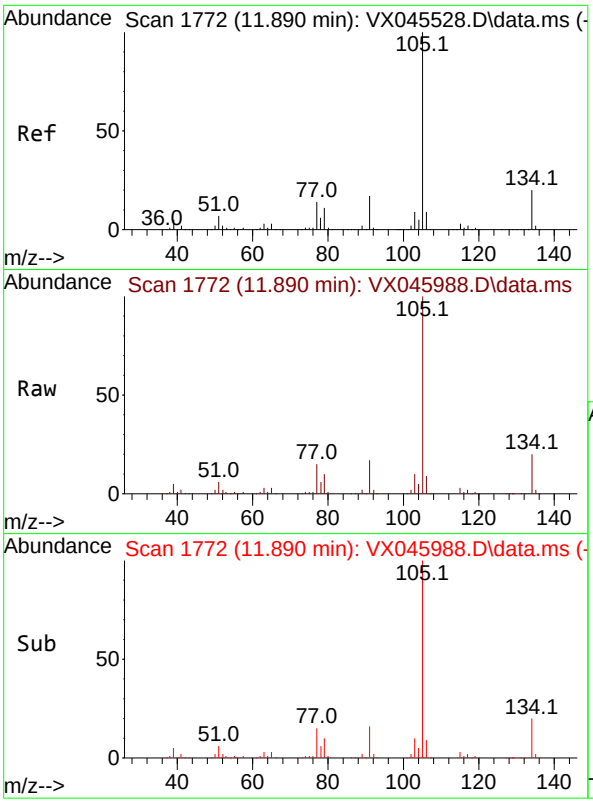


#84
1,2,4-Trimethylbenzene
Concen: 20.747 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:105 Resp: 80186

Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.4	64.3





#85
sec-Butylbenzene
Concen: 21.163 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:105 Resp: 9909

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.6	28.6

Instrument :
MSVOA_X
ClientSampleId :
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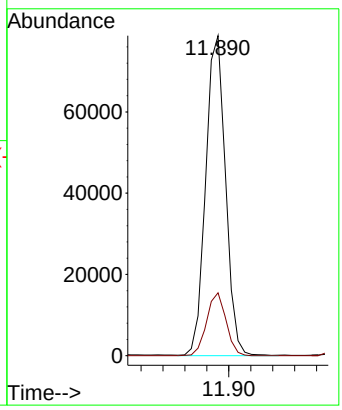
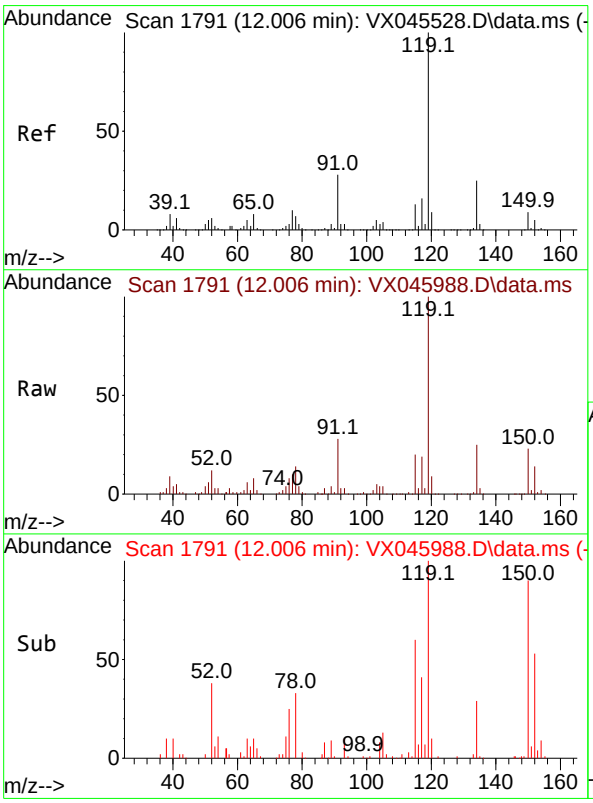
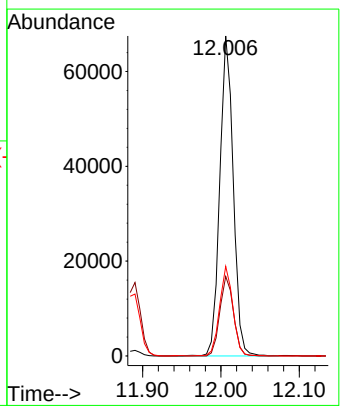


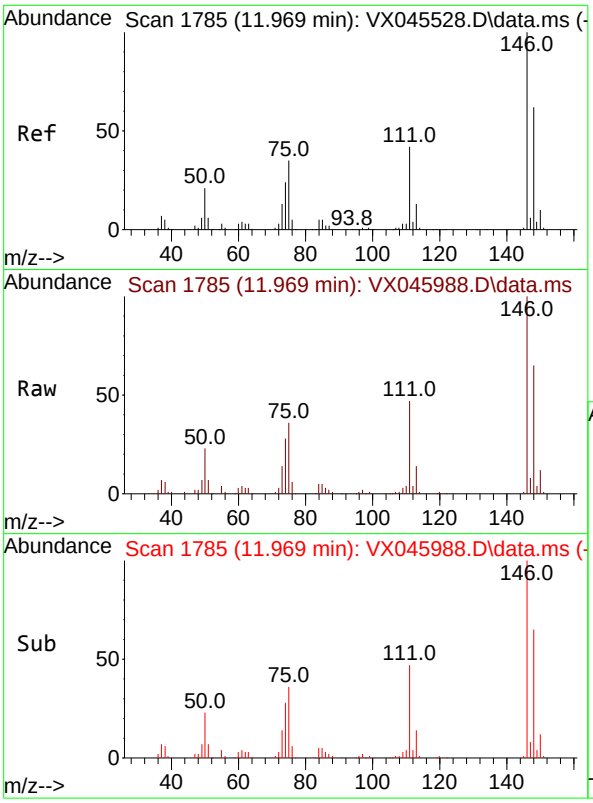


#86
p-Isopropyltoluene
Concen: 20.935 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:119 Resp: 80817

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.8
91	27.8	13.7	41.1

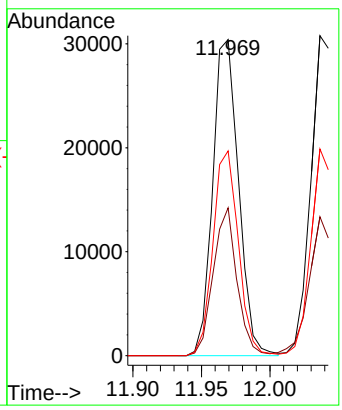




#87
1,3-Dichlorobenzene
Concen: 20.354 ug/l
RT: 11.969 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:146 Resp: 3986

Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.2	66.6
148	63.8	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
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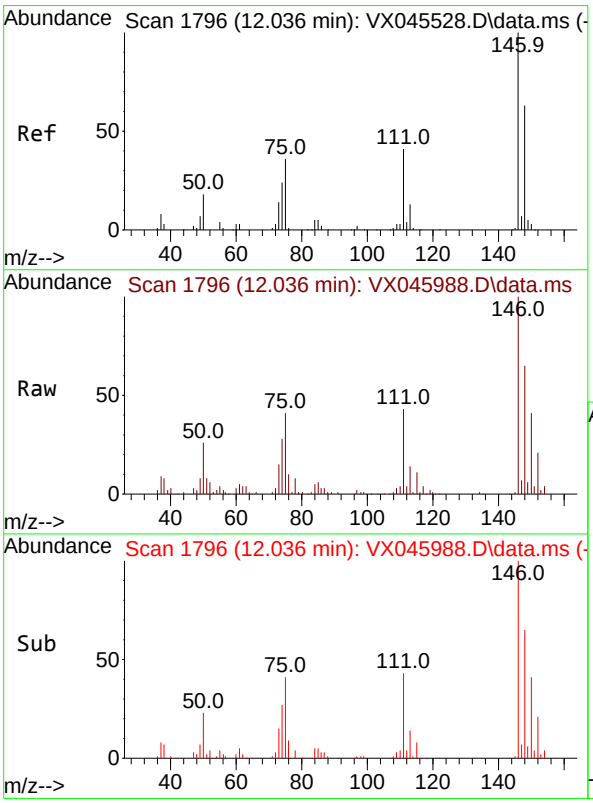
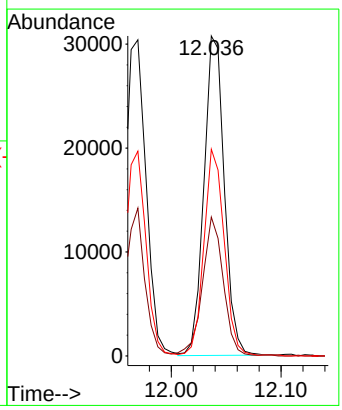
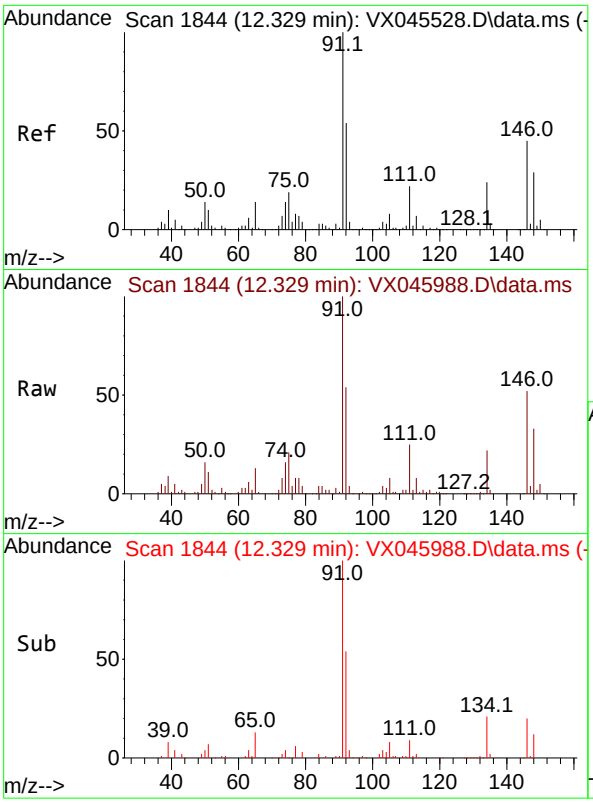


#88
1,4-Dichlorobenzene
Concen: 20.002 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:146 Resp: 39715

Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.9	62.8
148	64.9	31.5	94.5

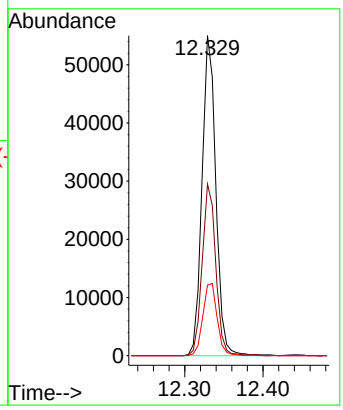




#89
n-Butylbenzene
Concen: 20.111 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 91 Resp: 6732

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.9	80.6
134	23.4	11.9	35.7



Instrument :
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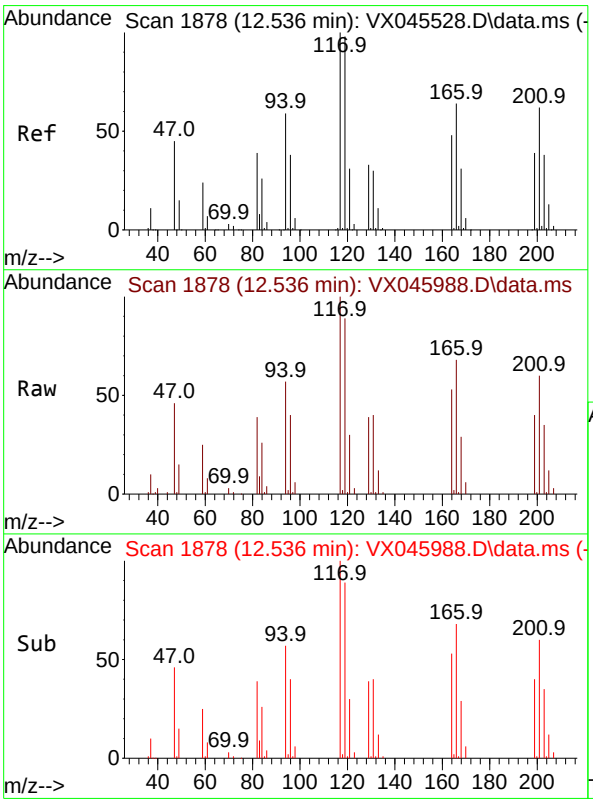
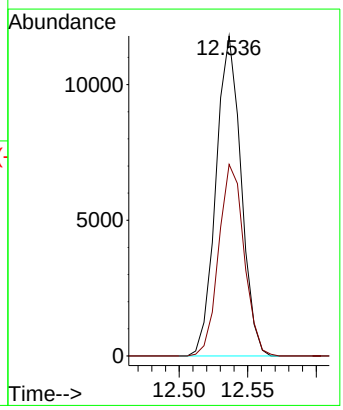
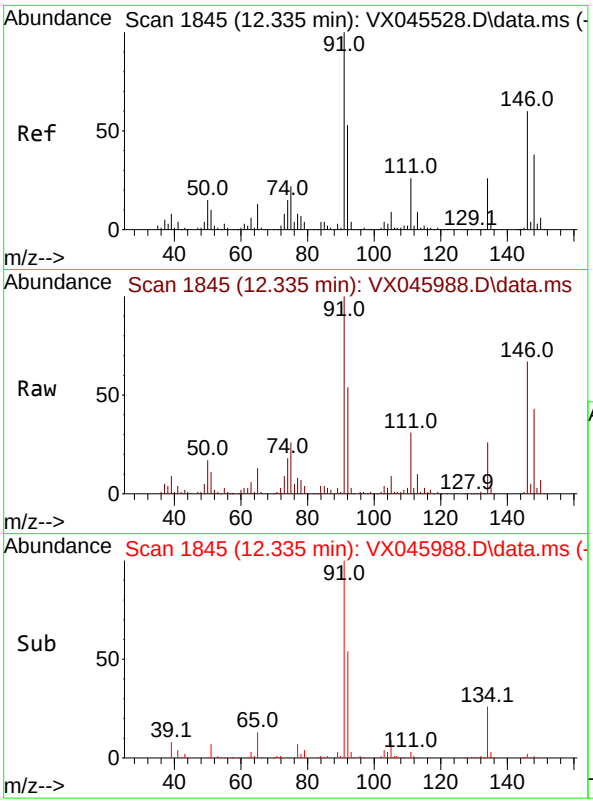


#90
Hexachloroethane
Concen: 22.629 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:117 Resp: 15013

Ion	Ratio	Lower	Upper
117	100		
201	60.6	31.2	93.6

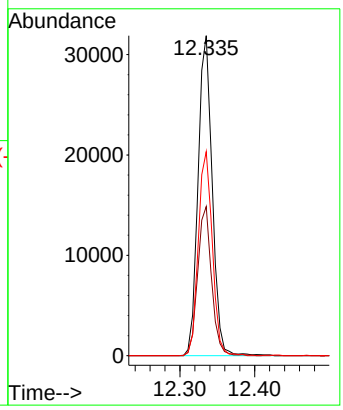




#91
1,2-Dichlorobenzene
Concen: 21.543 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:146 Resp: 4194

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.8
148	62.9	31.9	95.5



Instrument :
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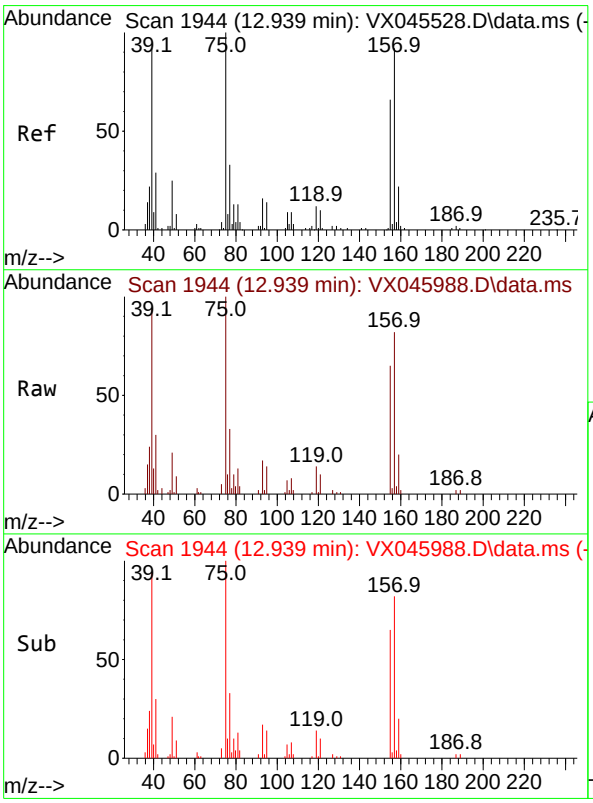
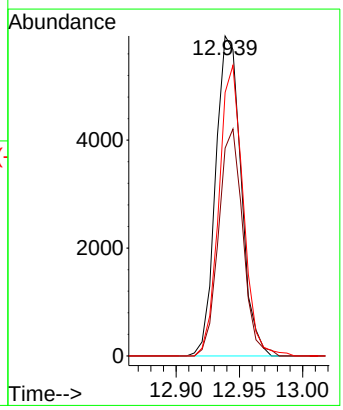
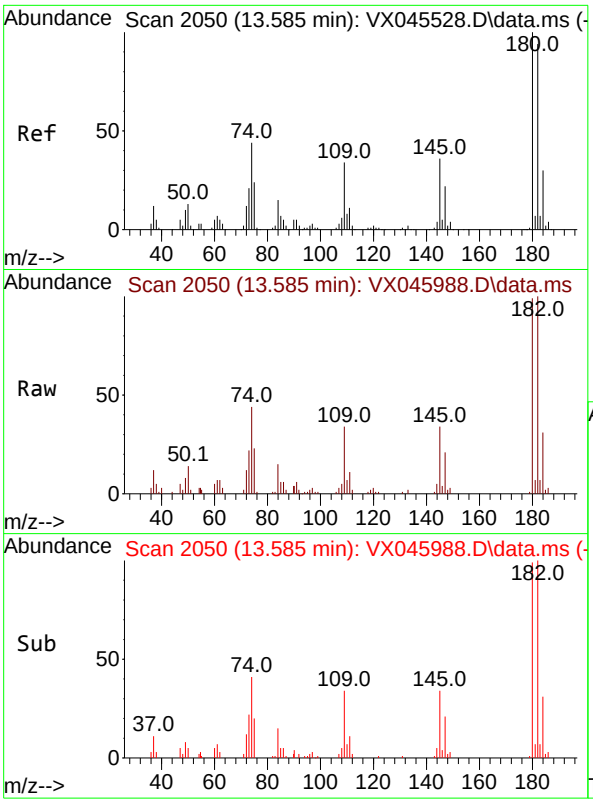


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.098 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion: 75 Resp: 8244

Ion	Ratio	Lower	Upper
75	100		
155	67.9	34.9	104.7
157	86.8	44.9	134.7

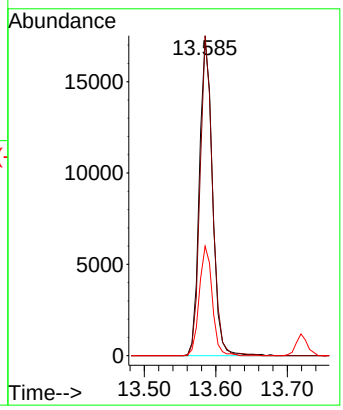




#93
1,2,4-Trichlorobenzene
Concen: 20.269 ug/l
RT: 13.585 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:180 Resp: 2196

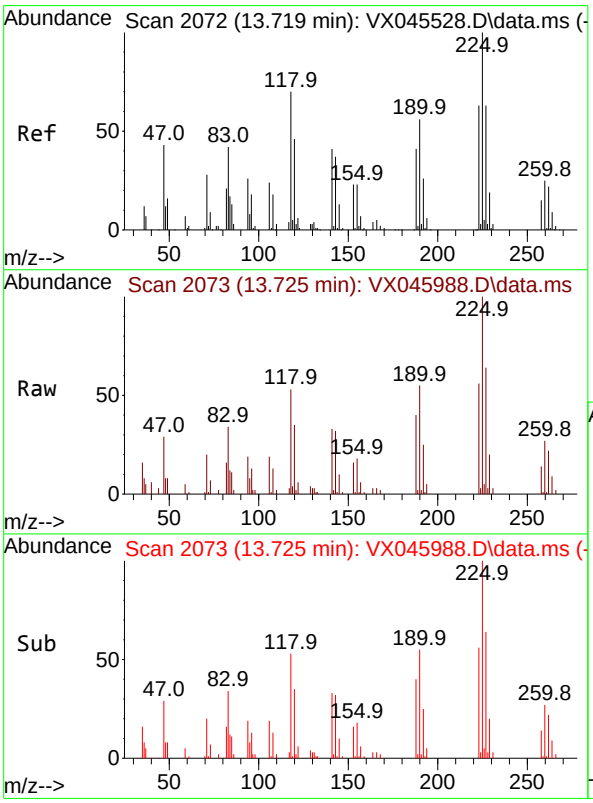
Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.9	143.6
145	34.2	17.9	53.8



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations
APPROVED

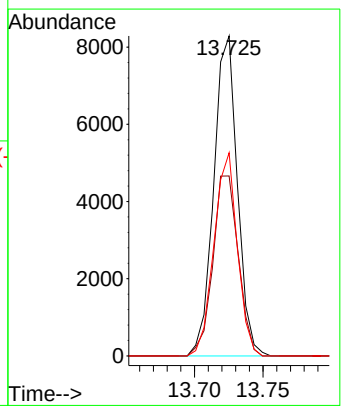
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

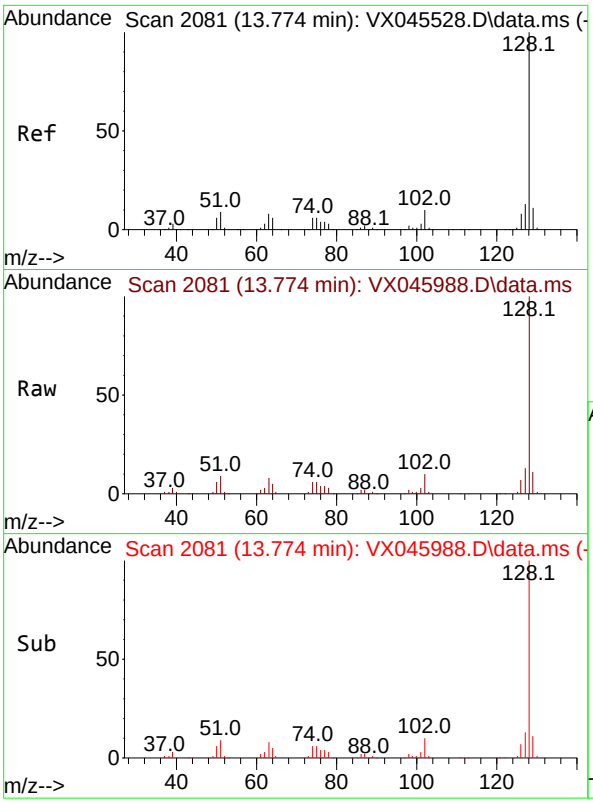


#94
Hexachlorobutadiene
Concen: 21.256 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:225 Resp: 9928

Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.1	93.3
227	62.7	32.2	96.6





#95
Naphthalene
Concen: 20.470 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

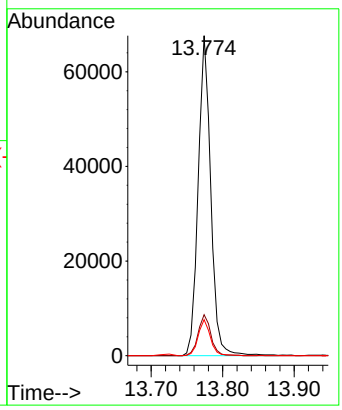
Tgt Ion:128 Resp: 8256

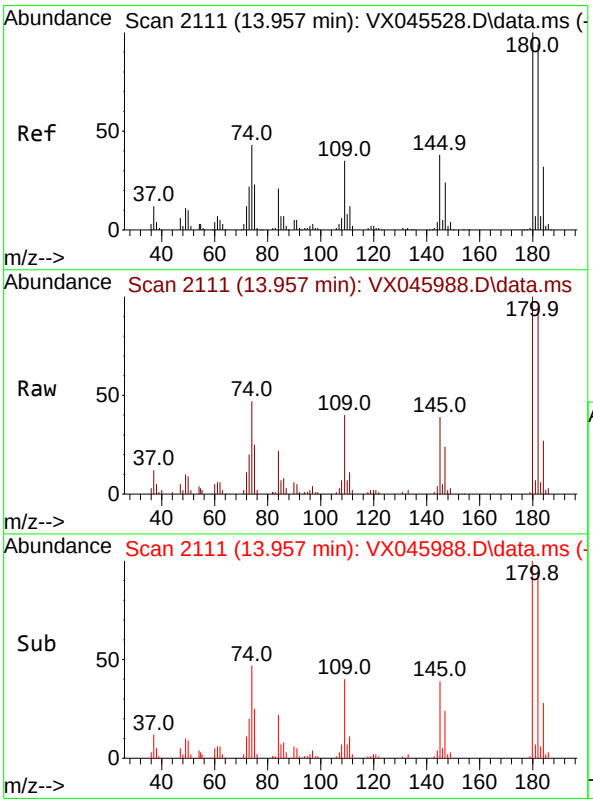
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	12.8

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

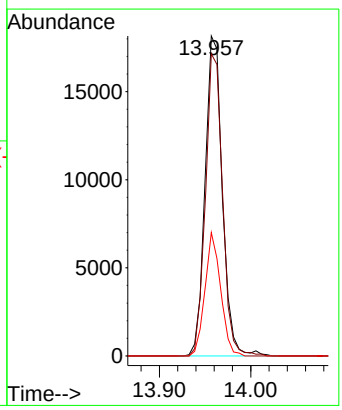




#96
1,2,3-Trichlorobenzene
Concen: 20.926 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045988.D
Acq: 30 Apr 2025 11:19

Tgt Ion:180 Resp: 23750

Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.3	141.8
145	35.1	18.2	54.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VY0501SBS01	SDG No.:	Q1914
Lab Sample ID:	VY0501SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022097.D	1		05/01/25 10:42	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	20.2		0.79	5.00	ug/Kg
108-88-3	Toluene	20.6		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.5		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	60.1		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.2		0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	19.5		0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	19.6		0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	19.0		0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	19.5		0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	19.4		0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	19.4		0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	18.7		1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		63 - 155	95%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	50.1		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		38 - 136	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	294000	7.707			
540-36-3	1,4-Difluorobenzene	453000	8.616			
3114-55-4	Chlorobenzene-d5	414000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	225000	13.346			

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_Y\Data\VY050125\
Data File : VY022097.D
Acq On : 01 May 2025 10:42
Operator : SY/MD
Sample : VY0501SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:53:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	294485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	452802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	225406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	129149	47.479	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.960%			
35) Dibromofluoromethane	7.634	113	148223	49.549	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.100%			
50) Toluene-d8	10.109	98	564747	50.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.160%			
62) 4-Bromofluorobenzene	12.408	95	187006	49.257	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	48273	19.238	ug/l	99
3) Chloromethane	2.068	50	66754	18.683	ug/l	99
4) Vinyl Chloride	2.202	62	82174	18.716	ug/l	94
5) Bromomethane	2.592	94	70373	18.604	ug/l	97
6) Chloroethane	2.732	64	56478	18.887	ug/l	99
7) Trichlorofluoromethane	3.056	101	115218	19.900	ug/l	98
8) Diethyl Ether	3.452	74	28039	18.606	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	62306	19.838	ug/l	97
10) Methyl Iodide	4.001	142	67604	18.591	ug/l	100
11) Tert butyl alcohol	4.866	59	12138	81.282	ug/l	98
12) 1,1-Dichloroethene	3.787	96	58265	19.903	ug/l	98
13) Acrolein	3.653	56	17856	66.621	ug/l	97
14) Allyl chloride	4.379	41	63510	18.632	ug/l	97
15) Acrylonitrile	5.055	53	48849	88.546	ug/l	98
16) Acetone	3.866	43	37306	91.214	ug/l	99
17) Carbon Disulfide	4.104	76	182459	19.547	ug/l	98
18) Methyl Acetate	4.379	43	23736	18.681	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	117798	17.978	ug/l	99
20) Methylene Chloride	4.610	84	66341	19.288	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	64503	19.674	ug/l	95
22) Diisopropyl ether	6.012	45	147267	19.413	ug/l	96
23) Vinyl Acetate	5.958	43	372032	91.000	ug/l	99
24) 1,1-Dichloroethane	5.915	63	104275	19.831	ug/l #	96
25) 2-Butanone	6.896	43	53781	86.739	ug/l	98
26) 2,2-Dichloropropane	6.884	77	93707	20.333	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	72723	19.837	ug/l	99
28) Bromochloromethane	7.244	49	38682	18.940	ug/l	97
29) Tetrahydrofuran	7.256	42	34870	86.590	ug/l	99
30) Chloroform	7.421	83	118101	20.249	ug/l	98
31) Cyclohexane	7.701	56	84609	18.817	ug/l #	92
32) 1,1,1-Trichloroethane	7.616	97	106076	20.103	ug/l	99
36) 1,1-Dichloropropene	7.835	75	79939	19.894	ug/l	100
37) Ethyl Acetate	6.982	43	25337	17.556	ug/l	97
38) Carbon Tetrachloride	7.817	117	99102	20.639	ug/l	98
39) Methylcyclohexane	9.109	83	95859	18.956	ug/l	96
40) Benzene	8.079	78	254338	20.248	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022097.D
Acq On : 01 May 2025 10:42
Operator : SY/MD
Sample : VY0501SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:53:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.213	41	12694	16.090 ug/l #	84
42) 1,2-Dichloroethane	8.158	62	61949	19.920 ug/l	99
43) Isopropyl Acetate	8.195	43	48886	17.639 ug/l	99
44) Trichloroethene	8.866	130	70695	20.319 ug/l	97
45) 1,2-Dichloropropane	9.140	63	55919	20.131 ug/l	98
46) Dibromomethane	9.231	93	34103	19.612 ug/l	98
47) Bromodichloromethane	9.420	83	89355	20.570 ug/l	97
48) Methyl methacrylate	9.219	41	21714	16.948 ug/l	93
49) 1,4-Dioxane	9.231	88	6896	372.078 ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	127974	88.084 ug/l	99
52) Toluene	10.170	92	167187	20.562 ug/l	99
53) t-1,3-Dichloropropene	10.396	75	70469	18.912 ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	88193	19.912 ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	46804	20.150 ug/l	96
56) Ethyl methacrylate	10.438	69	46419	17.476 ug/l	97
57) 1,3-Dichloropropane	10.719	76	73345	19.697 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	112618	86.715 ug/l	100
59) 2-Hexanone	10.762	43	81146	84.678 ug/l	98
60) Dibromochloromethane	10.908	129	63759	19.827 ug/l	98
61) 1,2-Dibromoethane	11.018	107	43603	19.884 ug/l	96
64) Tetrachloroethene	10.646	164	81769	20.925 ug/l	98
65) Chlorobenzene	11.444	112	183689	19.830 ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	65069	19.952 ug/l	97
67) Ethyl Benzene	11.517	91	295862	19.525 ug/l	99
68) m/p-Xylenes	11.627	106	244316	40.518 ug/l	99
69) o-Xylene	11.956	106	109092	19.629 ug/l	99
70) Styrene	11.969	104	187388	20.081 ug/l	99
71) Bromoform	12.133	173	37191	19.615 ug/l #	98
73) Isopropylbenzene	12.255	105	288742	19.173 ug/l	100
74) N-amyl acetate	12.072	43	41858	16.178 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	46736	18.407 ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	35111m	18.186 ug/l	
77) Bromobenzene	12.530	156	73542	19.326 ug/l	98
78) n-propylbenzene	12.597	91	349898	19.510 ug/l	100
79) 2-Chlorotoluene	12.682	91	203324	19.494 ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	243534	19.627 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	13702	17.090 ug/l	96
82) 4-Chlorotoluene	12.779	91	211849	19.539 ug/l	98
83) tert-Butylbenzene	12.999	119	211608	19.015 ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	242538	19.542 ug/l	98
85) sec-Butylbenzene	13.176	105	316527	19.438 ug/l	99
86) p-Isopropyltoluene	13.292	119	268577	19.423 ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	153561	19.869 ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	150028	19.600 ug/l	99
89) n-Butylbenzene	13.621	91	230584	18.656 ug/l	99
90) Hexachloroethane	13.877	117	59920	19.723 ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	130714	19.391 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7153	17.708 ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	72623	19.012 ug/l	99
94) Hexachlorobutadiene	15.023	225	47671	20.283 ug/l	97
95) Naphthalene	15.145	128	104223	16.425 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	61917	18.778 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022097.D
Acq On : 01 May 2025 10:42
Operator : SY/MD
Sample : VY0501SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 01 12:53:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

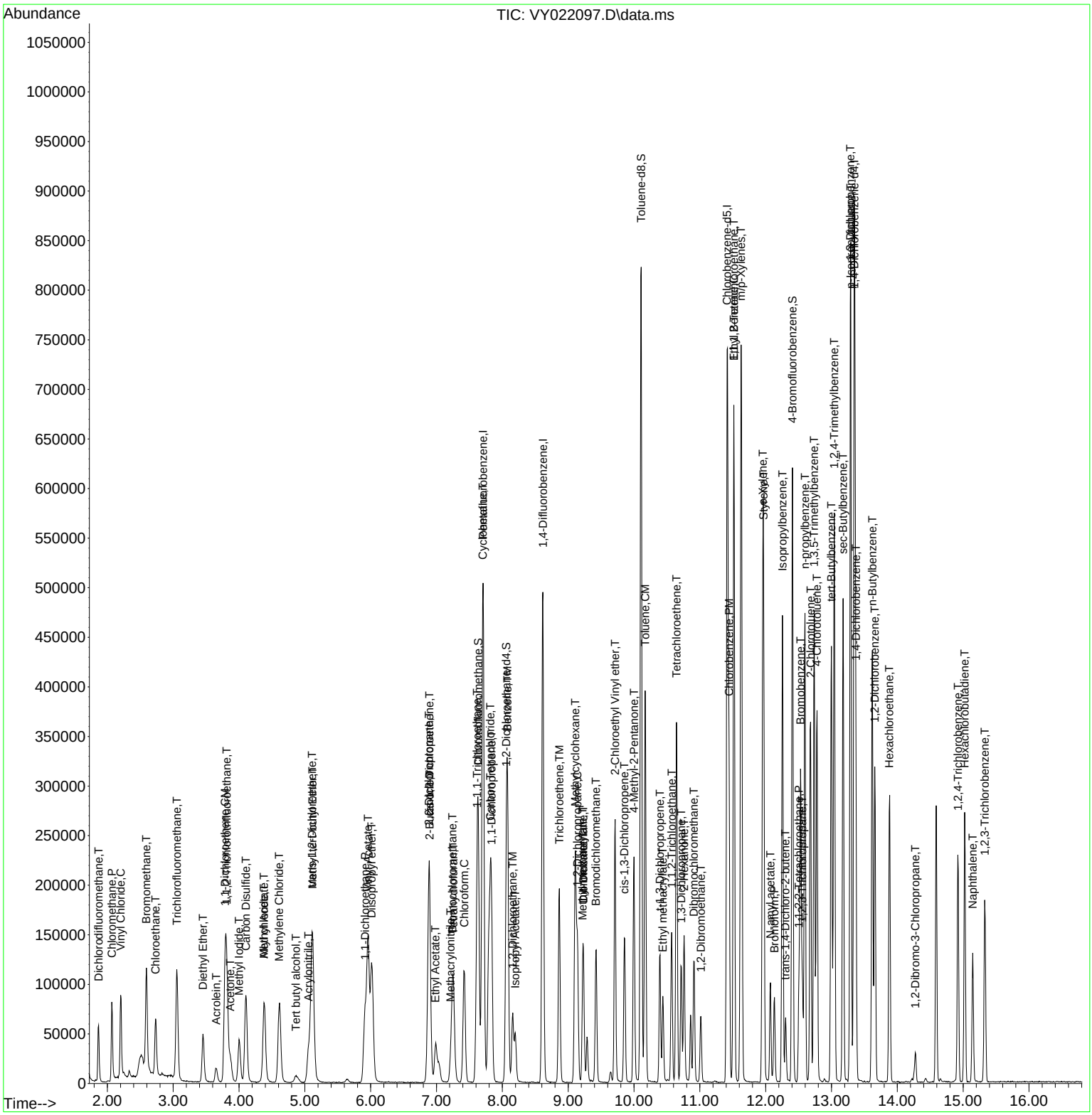
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022097.D
Acq On : 01 May 2025 10:42
Operator : SY/MD
Sample : VY0501SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

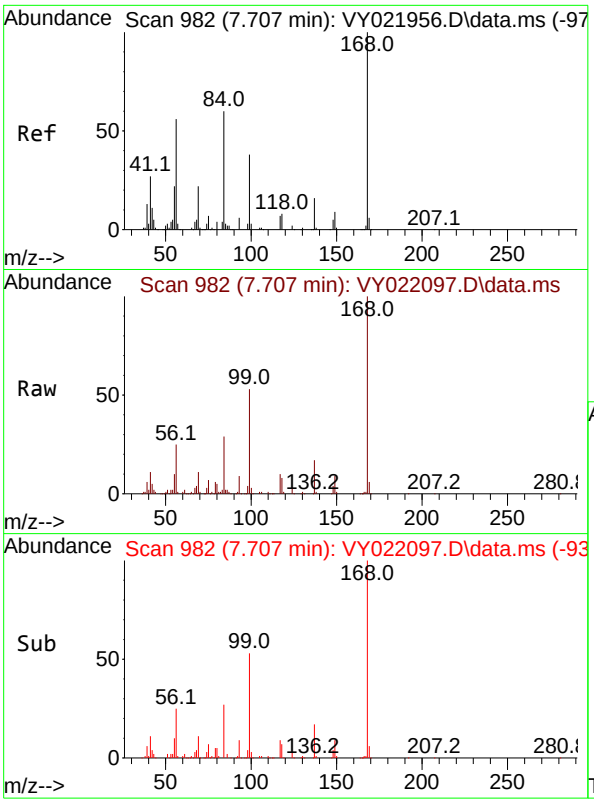
Quant Time: May 01 12:53:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

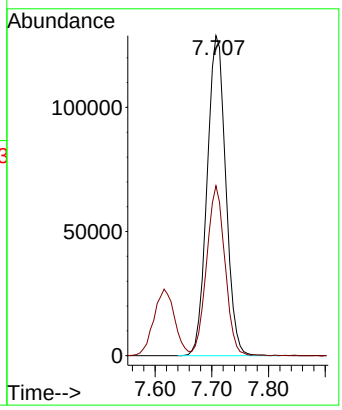




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:168 Resp: 29448

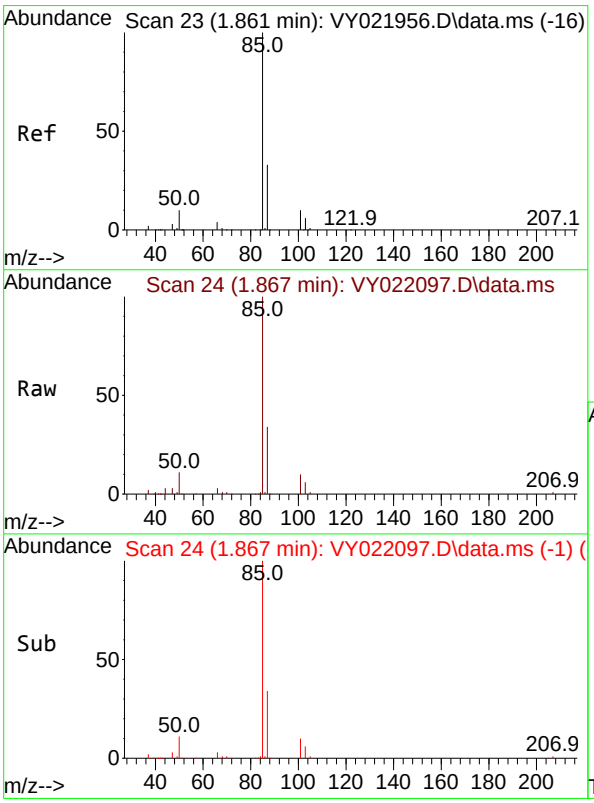
Ion	Ratio	Lower	Upper
168	100		
99	53.0	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
APPROVED

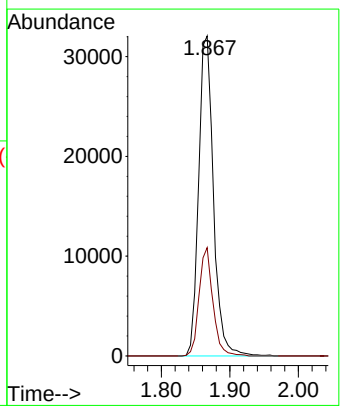
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

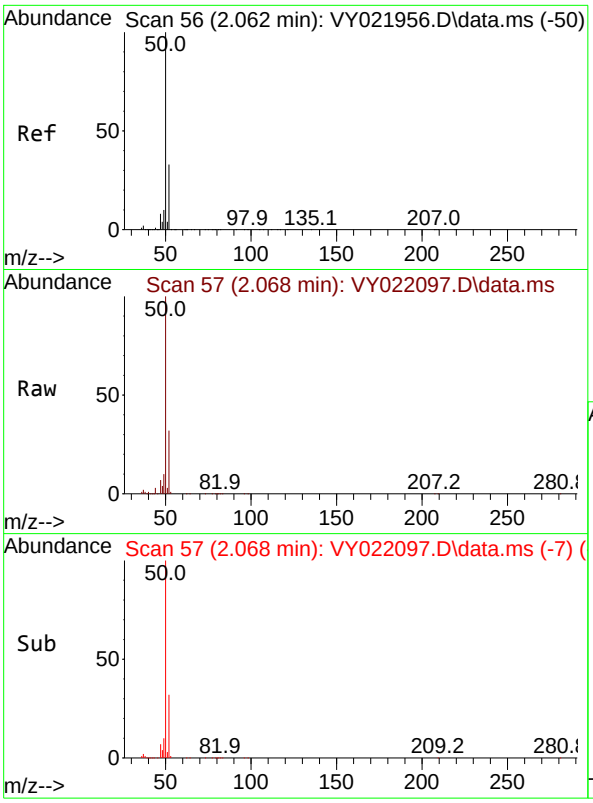


#2
Dichlorodifluoromethane
Concen: 19.238 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 85 Resp: 48273

Ion	Ratio	Lower	Upper
85	100		
87	33.9	16.6	49.7

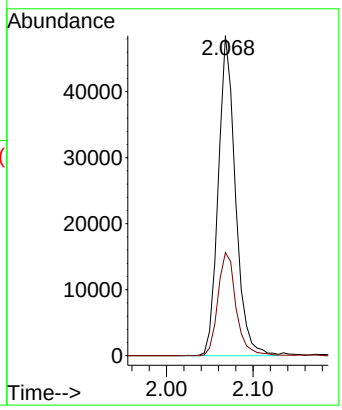




#3
Chloromethane
Concen: 18.683 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 50 Resp: 6675

Ion	Ratio	Lower	Upper
50	100		
52	32.2	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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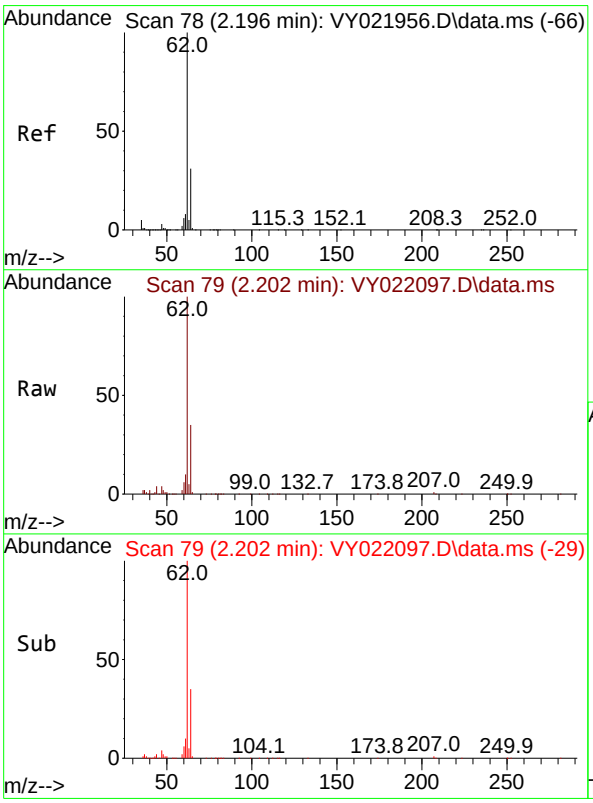
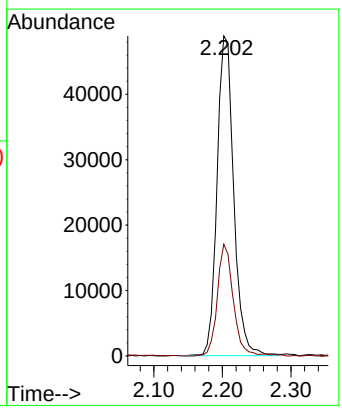
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

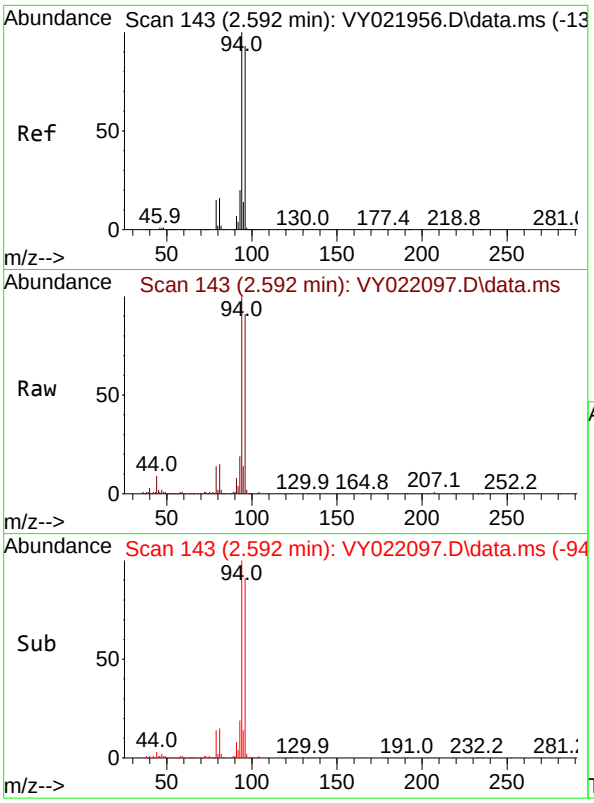


#4
Vinyl Chloride
Concen: 18.716 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 62 Resp: 82174

Ion	Ratio	Lower	Upper
62	100		
64	34.8	25.1	37.7





#5
Bromomethane
Concen: 18.604 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 94 Resp: 7037

Ion	Ratio	Lower	Upper
94	100		
96	90.6	74.6	111.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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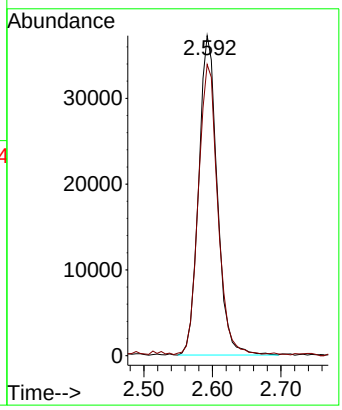
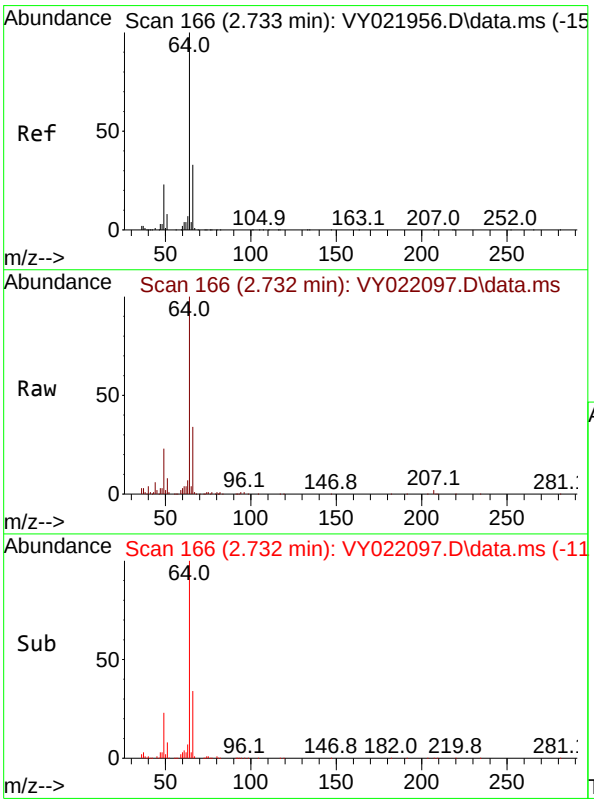
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

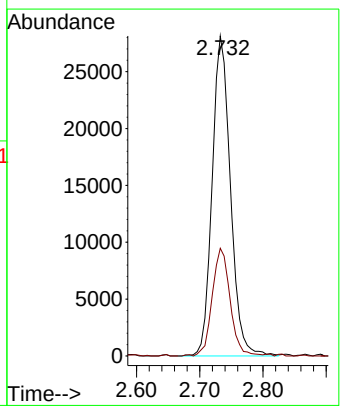


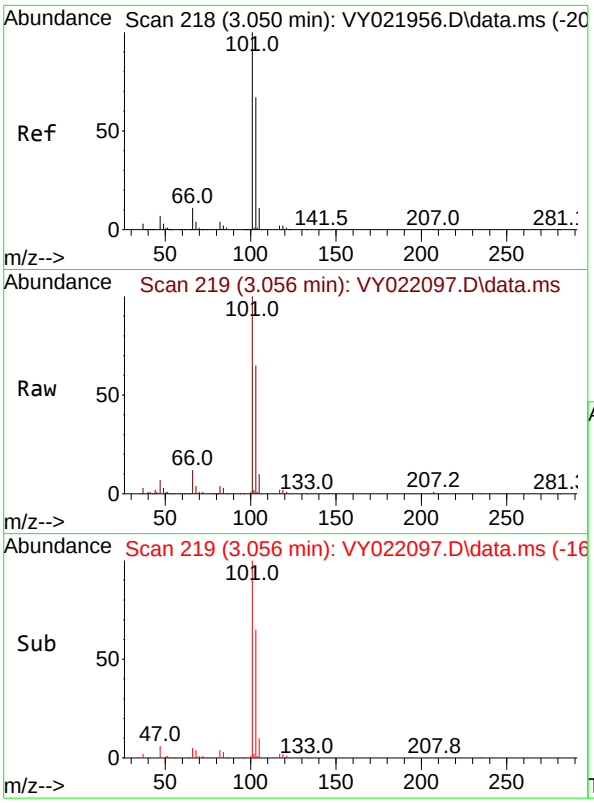


#6
Chloroethane
Concen: 18.887 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 64 Resp: 56478

Ion	Ratio	Lower	Upper
64	100		
66	33.6	26.2	39.4

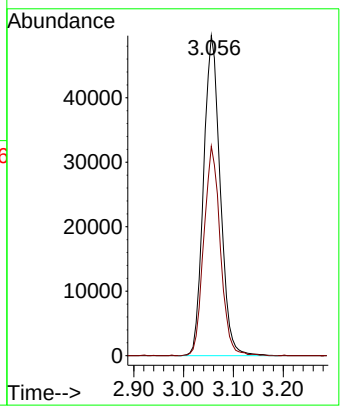




#7
Trichlorofluoromethane
Concen: 19.900 ug/l
RT: 3.056 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:101 Resp: 11521

Ion	Ratio	Lower	Upper
101	100		
103	65.5	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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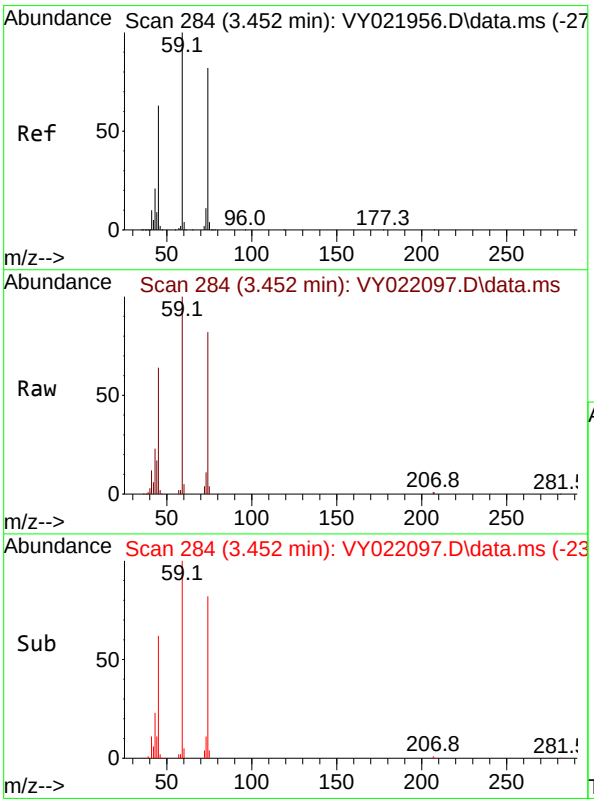
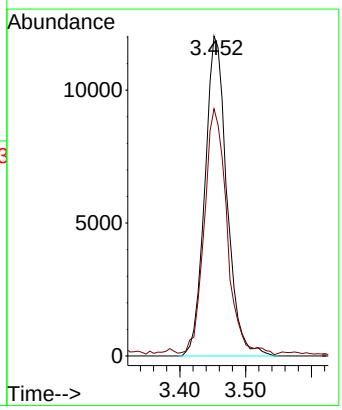
Supervised By :Mahesh Dadoda 05/05/2025

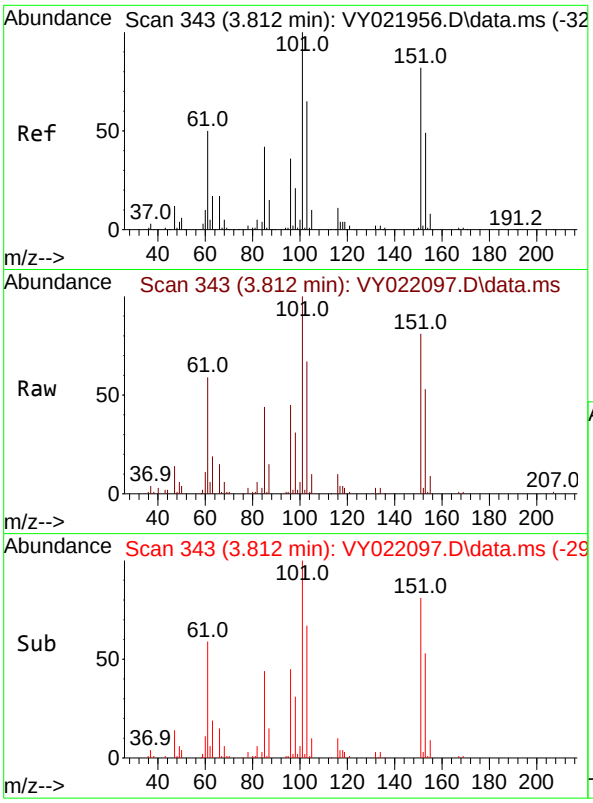


#8
Diethyl Ether
Concen: 18.606 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 74 Resp: 28039

Ion	Ratio	Lower	Upper
74	100		
45	79.6	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.838 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:101 Resp: 6230

Ion	Ratio	Lower	Upper
101	100		
85	44.4	34.6	51.8
151	82.2	63.7	95.5

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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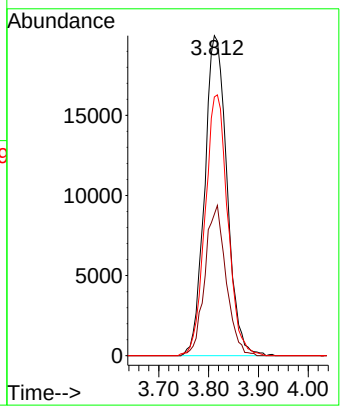
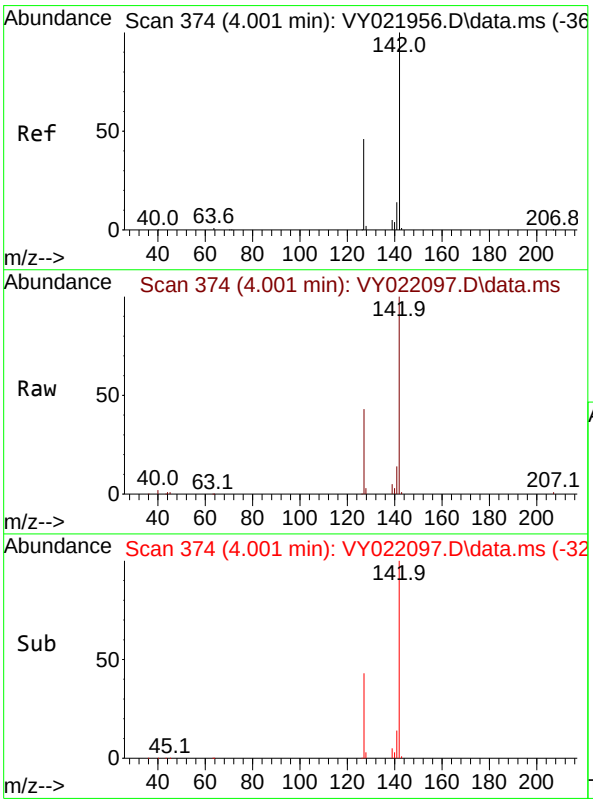
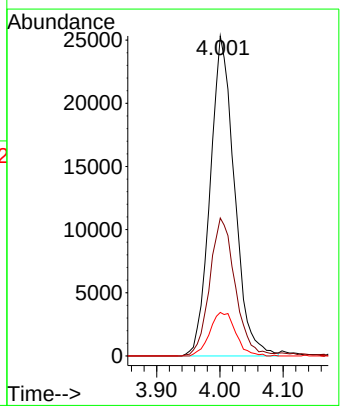


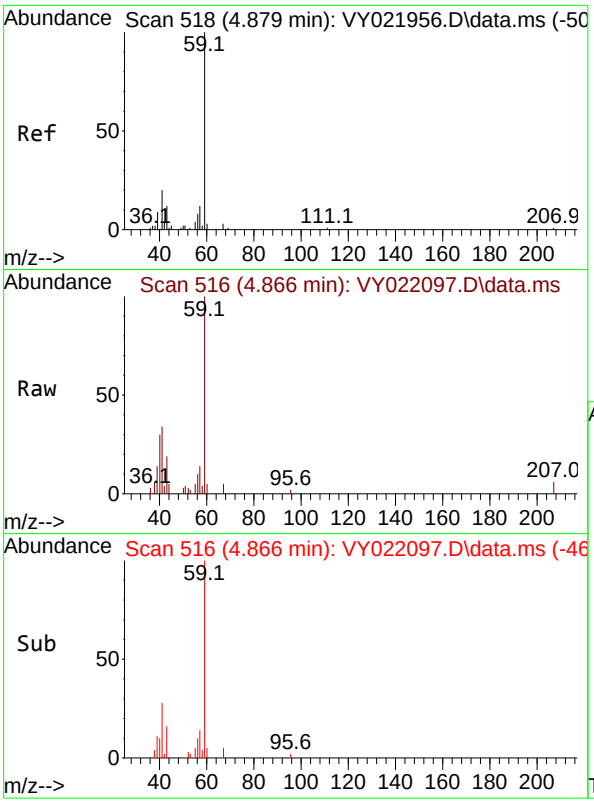


#10
Methyl Iodide
Concen: 18.591 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:142 Resp: 67604

Ion	Ratio	Lower	Upper
142	100		
127	44.9	36.2	54.2
141	14.5	11.7	17.5





#11
Tert butyl alcohol
Concen: 81.282 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.012 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 59 Resp: 1213

Ion	Ratio	Lower	Upper
59	100		
57	12.3	9.3	13.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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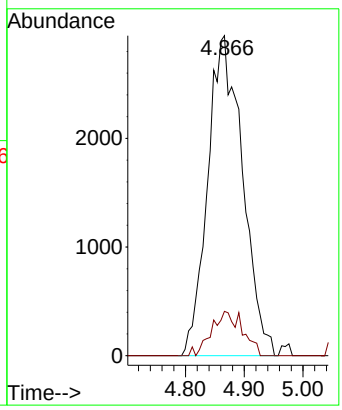
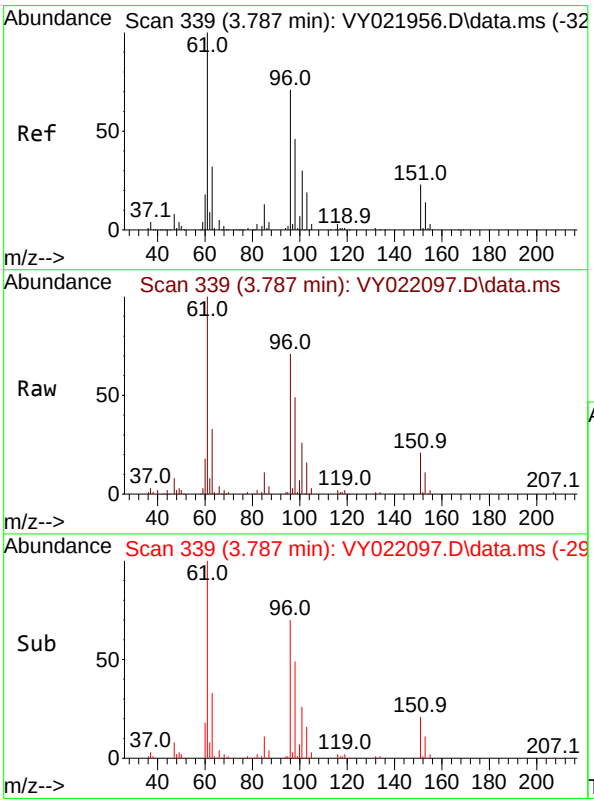
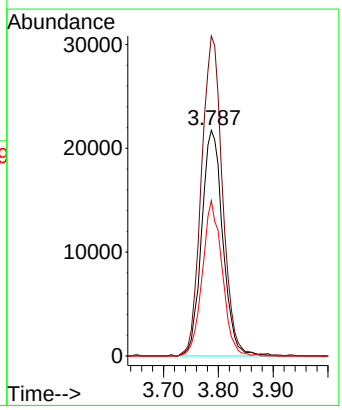


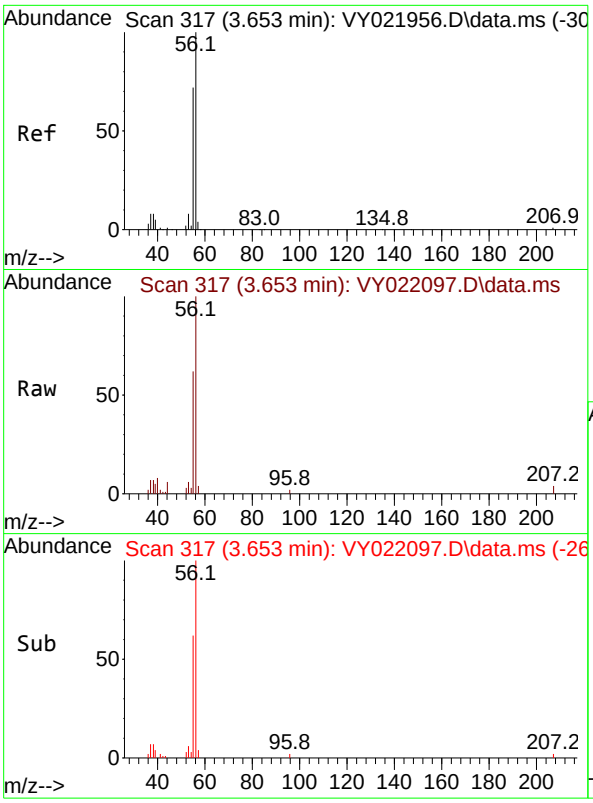


#12
1,1-Dichloroethene
Concen: 19.903 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 96 Resp: 58265

Ion	Ratio	Lower	Upper
96	100		
61	141.8	113.0	169.4
98	68.9	51.4	77.2

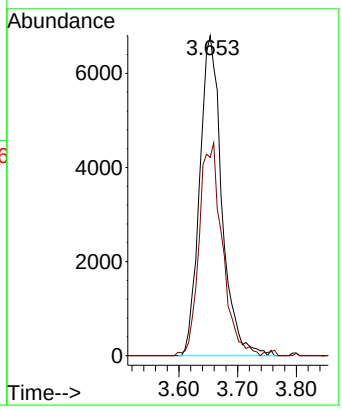




#13
Acrolein
Concen: 66.621 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 56 Resp: 1785

Ion	Ratio	Lower	Upper
56	100		
55	69.2	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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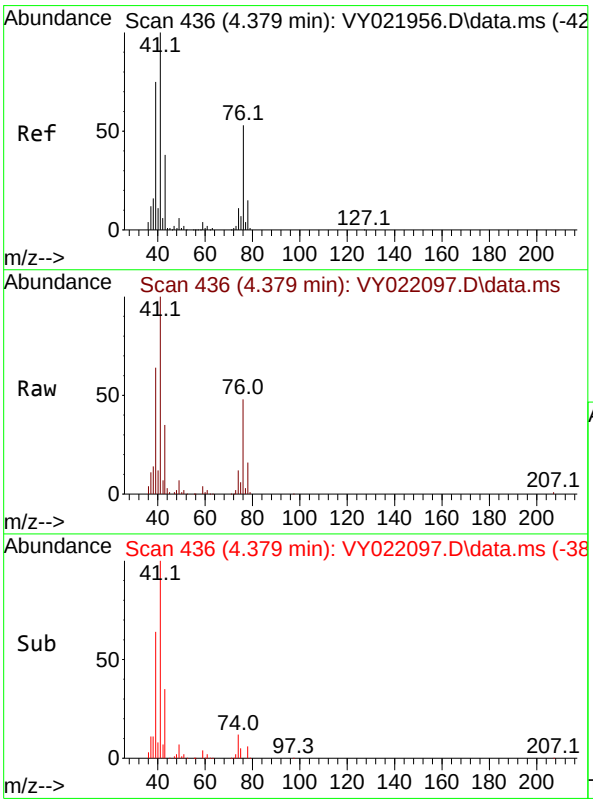
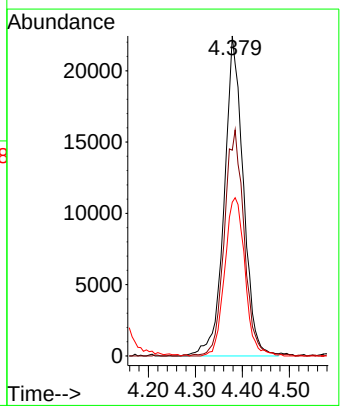
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

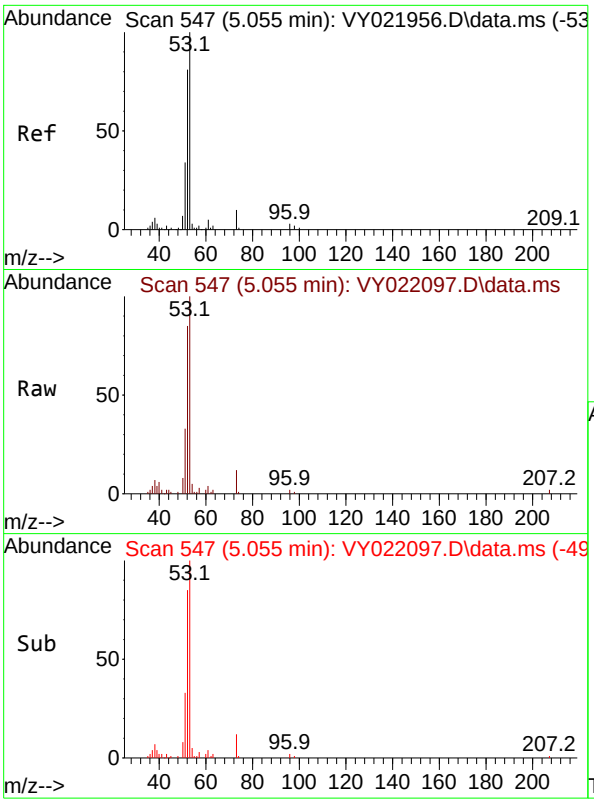


#14
Allyl chloride
Concen: 18.632 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 41 Resp: 63510

Ion	Ratio	Lower	Upper
41	100		
39	73.4	57.2	85.8
76	52.2	39.7	59.5

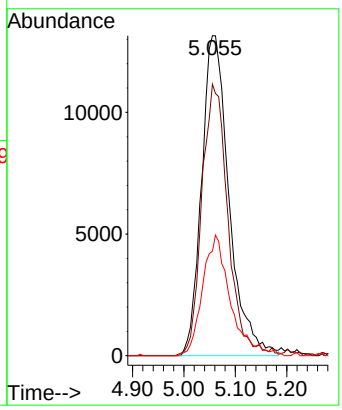




#15
Acrylonitrile
Concen: 88.546 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 53 Resp: 4884

Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.0	97.6
51	37.9	28.9	43.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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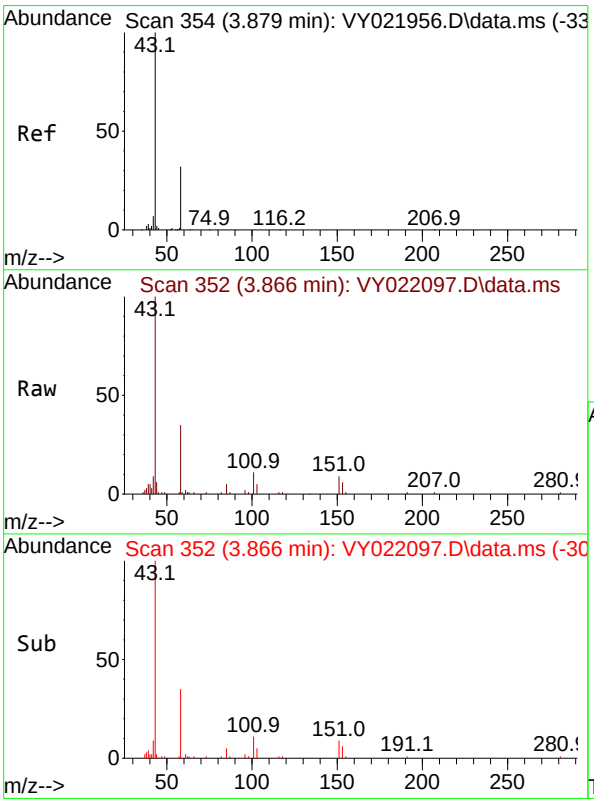
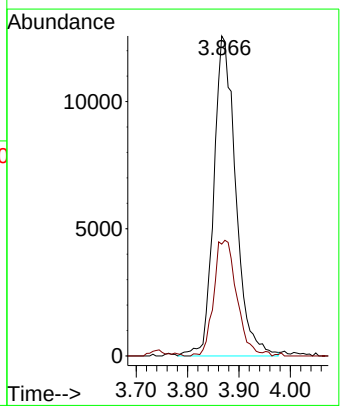
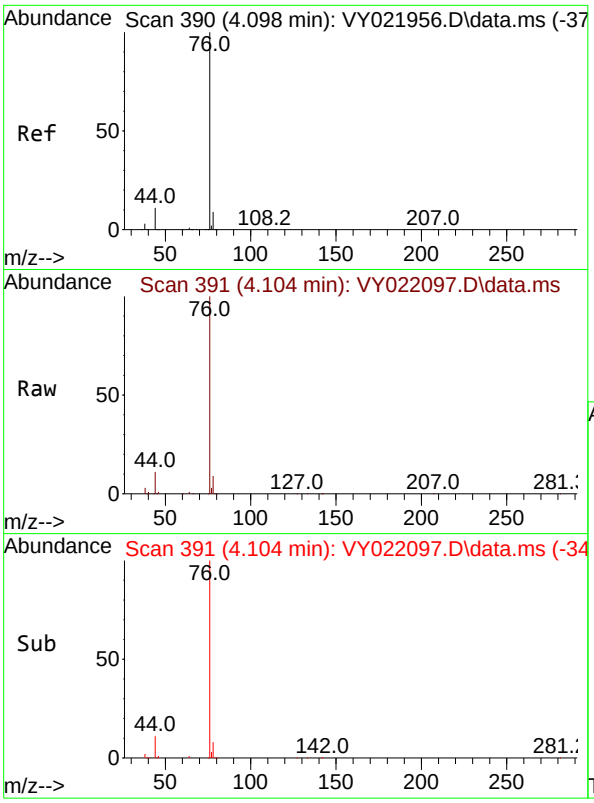


#16
Acetone
Concen: 91.214 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.013 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 37306

Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.0	40.4

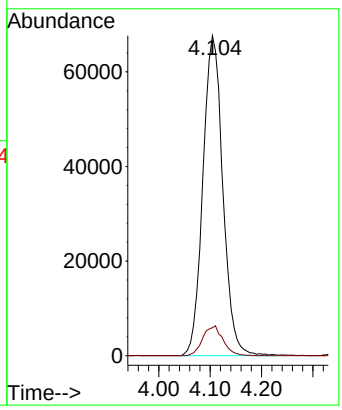




#17
Carbon Disulfide
Concen: 19.547 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 76 Resp: 18245

Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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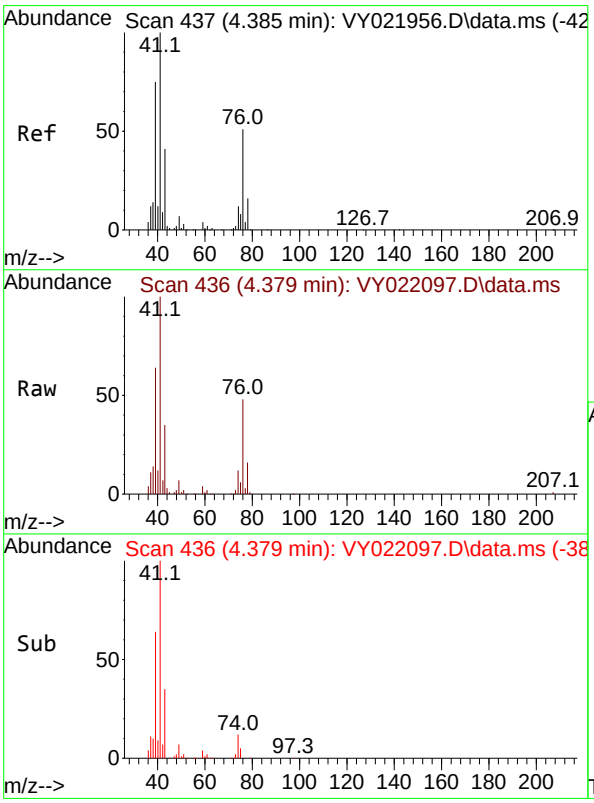
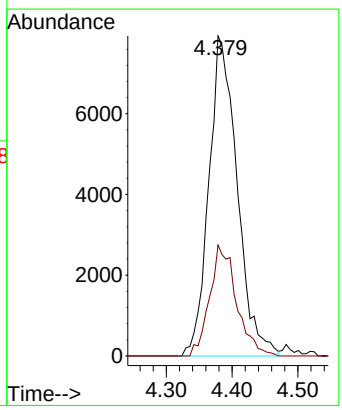
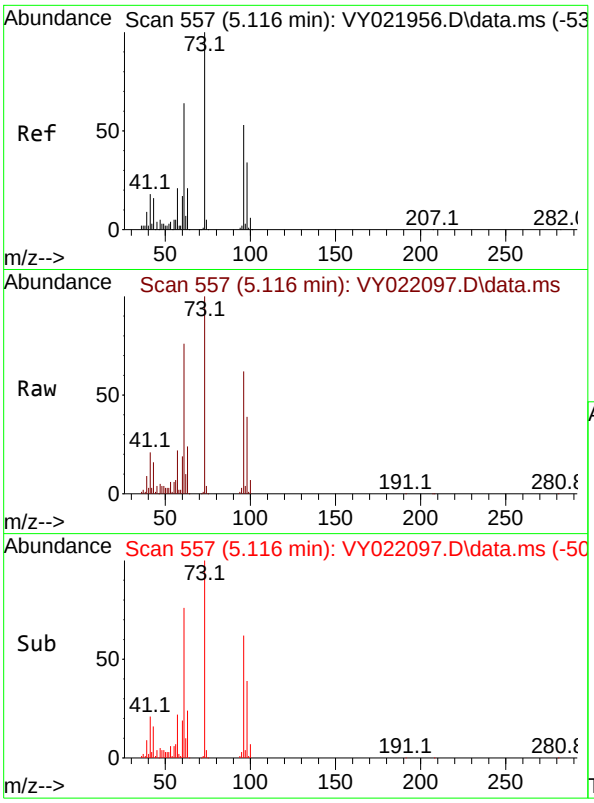


#18
Methyl Acetate
Concen: 18.681 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 23736

Ion	Ratio	Lower	Upper
43	100		
74	32.8	24.2	36.4

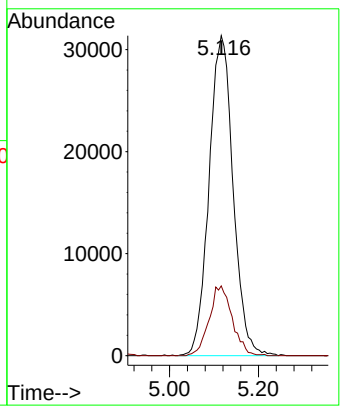




#19
Methyl tert-butyl Ether
Concen: 17.978 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 73 Resp: 11779

Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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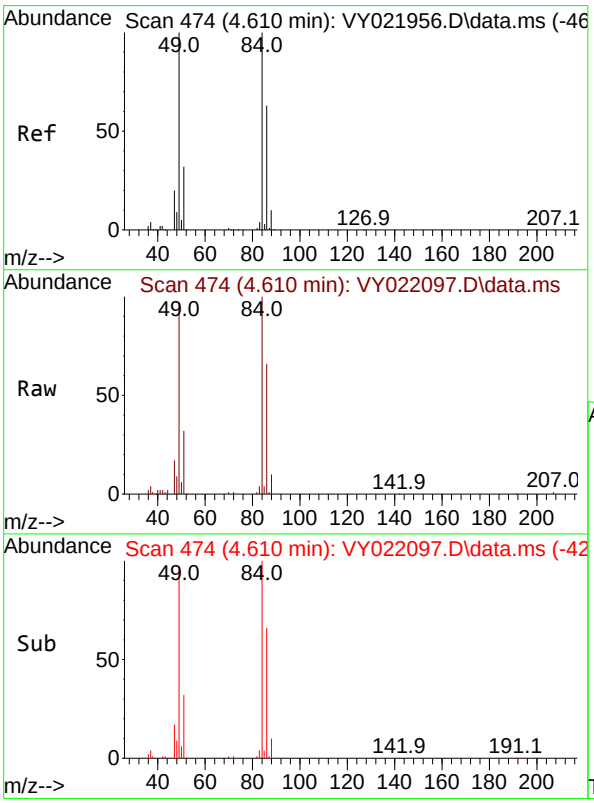
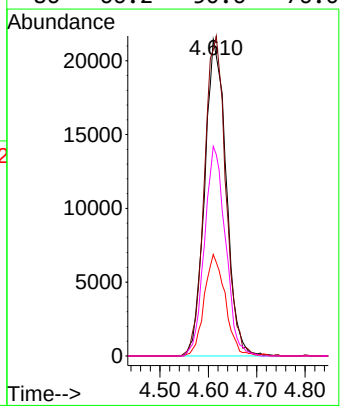
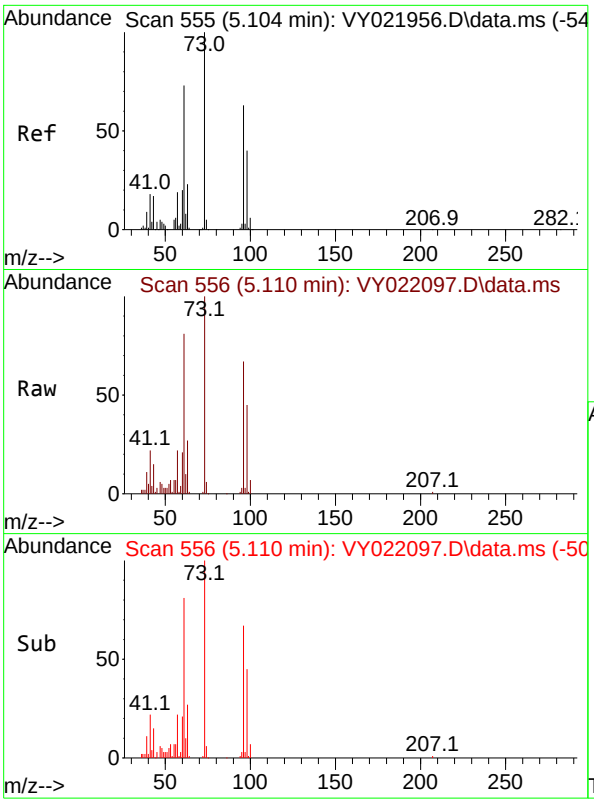


#20
Methylene Chloride
Concen: 19.288 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 84 Resp: 66341

Ion	Ratio	Lower	Upper
84	100		
49	96.6	79.9	119.9
51	32.1	25.4	38.0
86	66.2	50.6	76.0

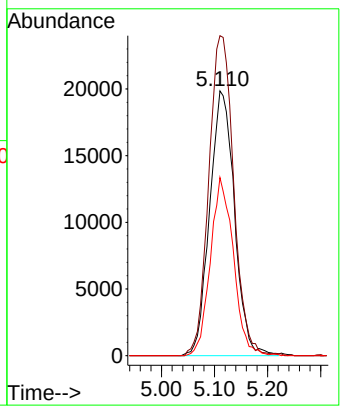




#21
trans-1,2-Dichloroethene
Concen: 19.674 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 96 Resp: 6450

Ion	Ratio	Lower	Upper
96	100		
61	120.8	92.6	138.8
98	67.3	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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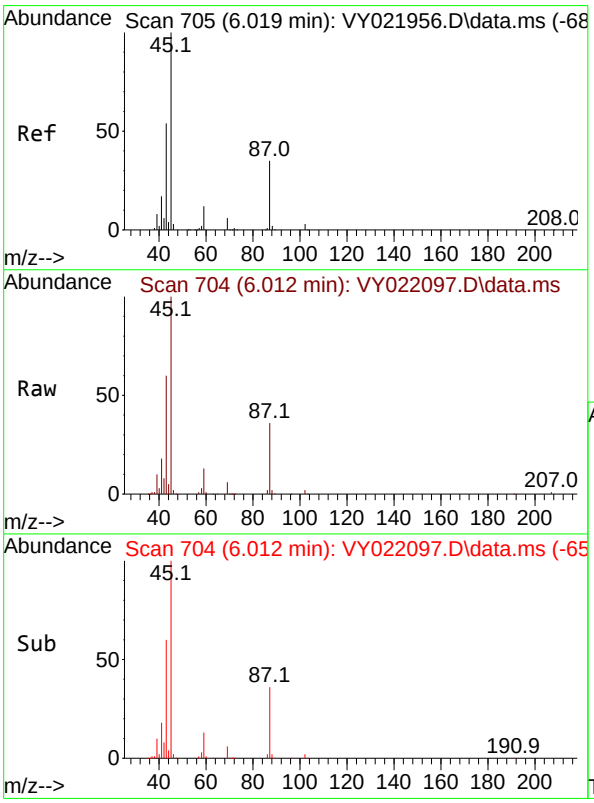
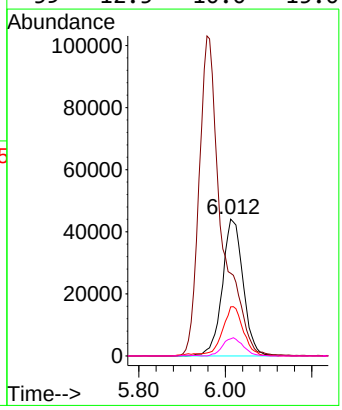
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

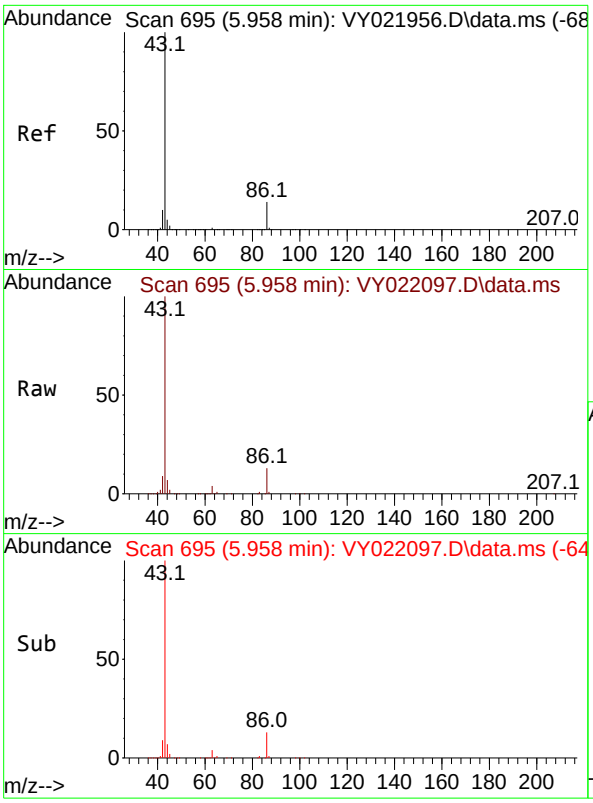


#22
Diisopropyl ether
Concen: 19.413 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 45 Resp: 147267

Ion	Ratio	Lower	Upper
45	100		
43	60.1	43.6	65.4
87	35.8	28.2	42.4
59	12.5	10.0	15.0





#23
Vinyl Acetate
Concen: 91.000 ug/l
RT: 5.958 min Scan# 6
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 37203

Ion	Ratio	Lower	Upper
43	100		
86	13.3	11.1	16.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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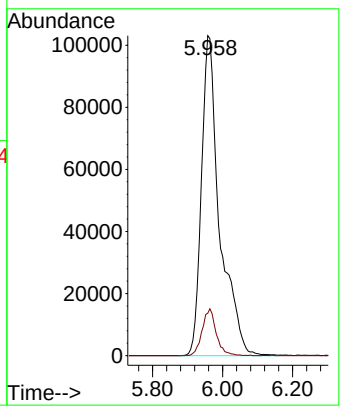
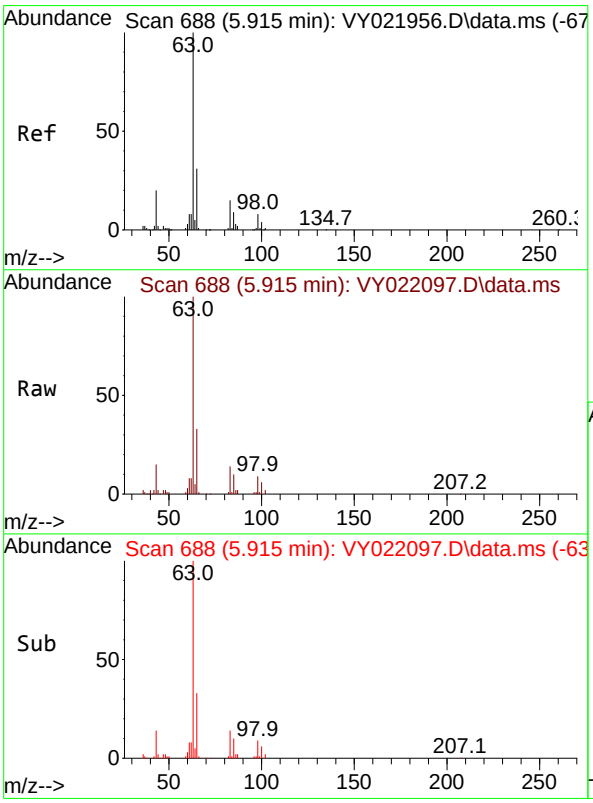
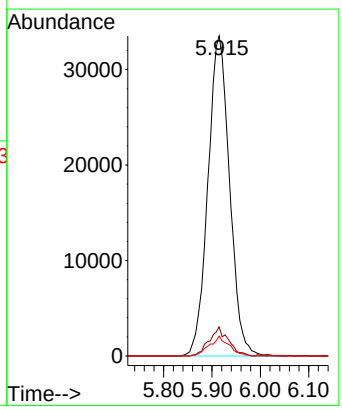


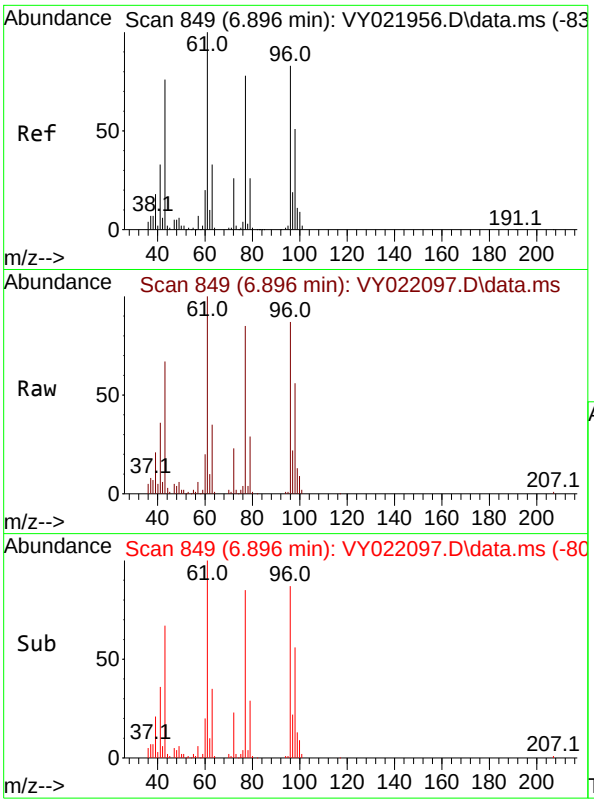


#24
1,1-Dichloroethane
Concen: 19.831 ug/l
RT: 5.915 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 63 Resp: 104275

Ion	Ratio	Lower	Upper
63	100		
98	9.0	4.0	11.9
100	6.2	2.0	6.0#





#25
2-Butanone
Concen: 86.739 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 5378

Ion	Ratio	Lower	Upper
43	100		
72	34.7	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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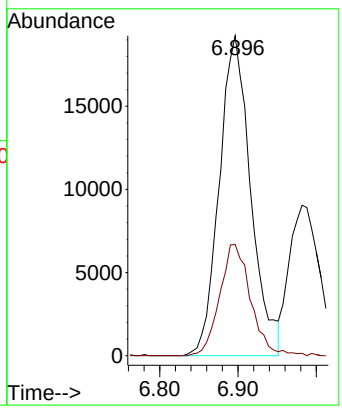
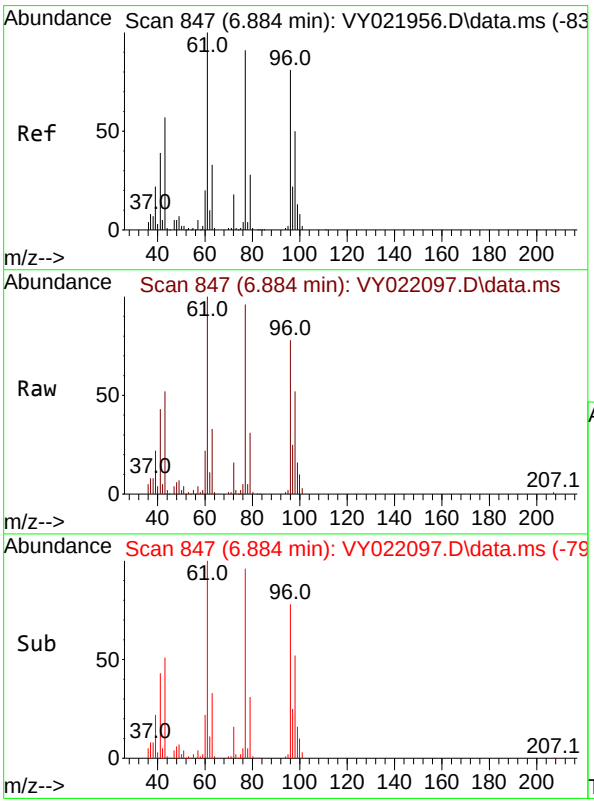
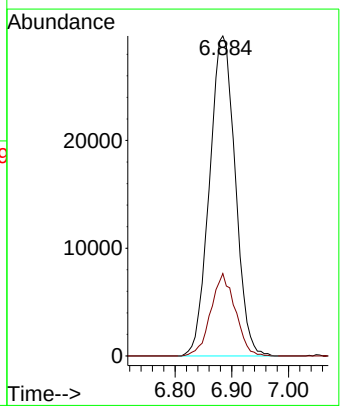


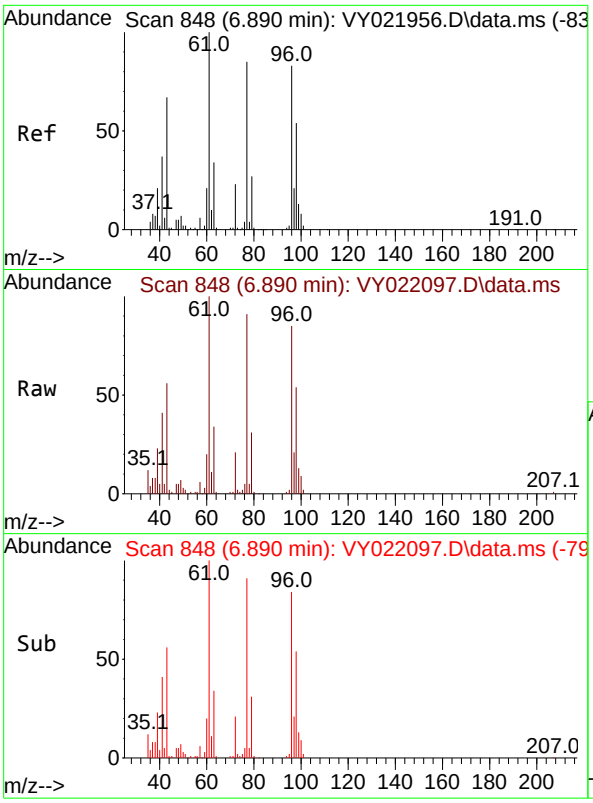


#26
2,2-Dichloropropane
Concen: 20.333 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 77 Resp: 93707

Ion	Ratio	Lower	Upper
77	100		
97	24.5	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 19.837 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 96 Resp: 7272

Ion	Ratio	Lower	Upper
96	100		
61	124.9	0.0	251.4
98	64.6	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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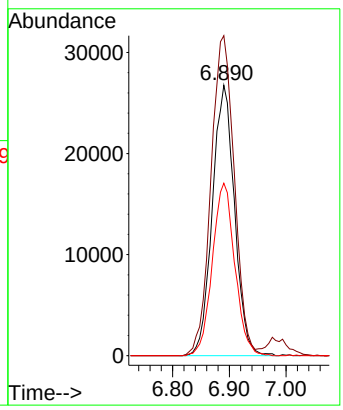
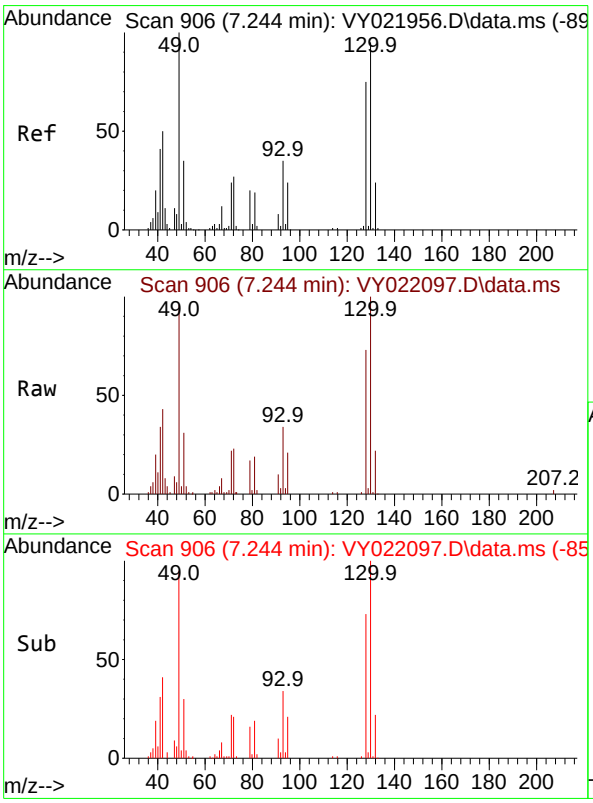
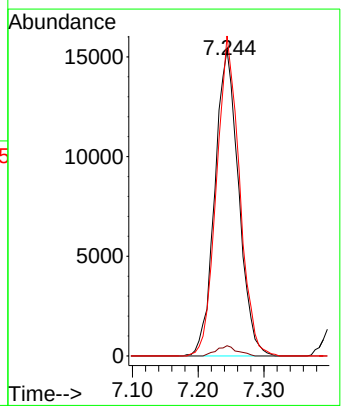


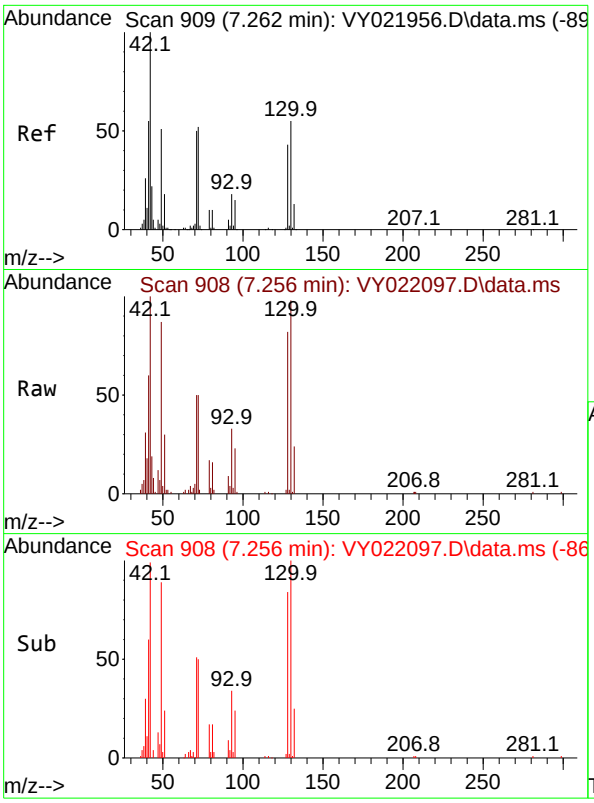


#28
Bromochloromethane
Concen: 18.940 ug/l
RT: 7.244 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 49 Resp: 38682

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	100.7	78.2	117.4





#29
Tetrahydrofuran
Concen: 86.590 ug/l
RT: 7.256 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 42 Resp: 3487

Ion	Ratio	Lower	Upper
42	100		
72	53.9	42.6	63.8
71	51.4	40.6	61.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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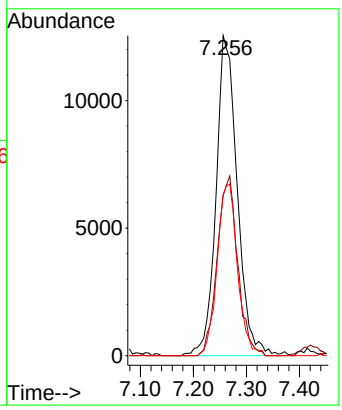
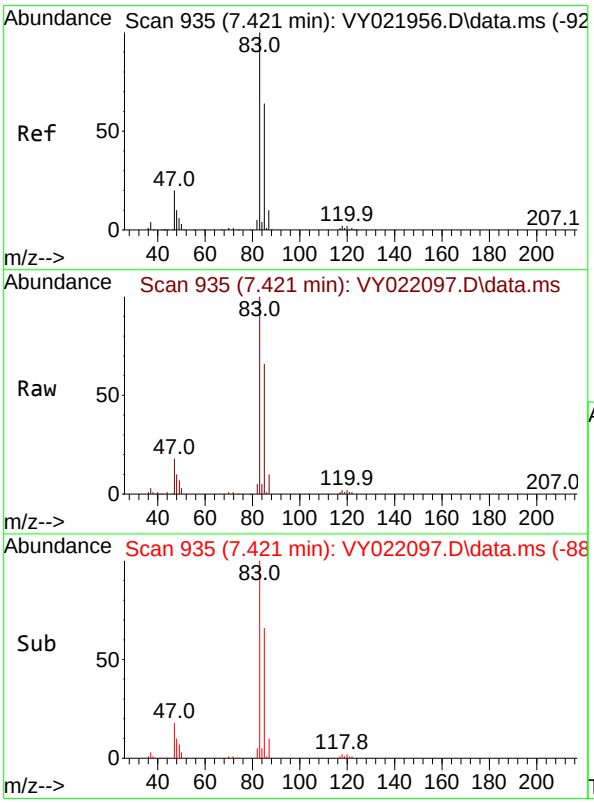
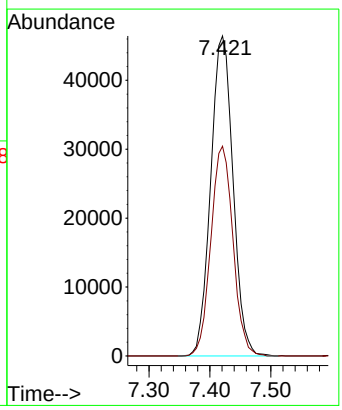


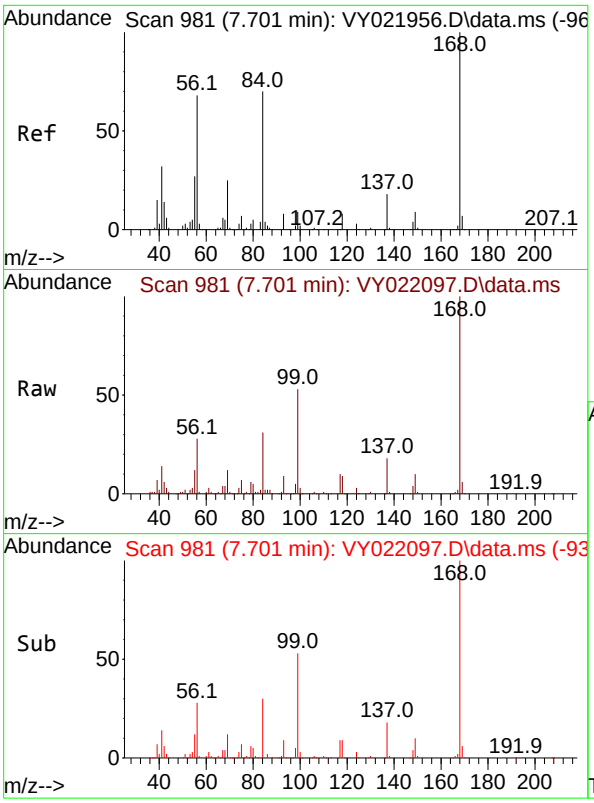


#30
Chloroform
Concen: 20.249 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 83 Resp: 118101

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.3	76.9





#31
Cyclohexane
Concen: 18.817 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 56 Resp: 8460

Ion	Ratio	Lower	Upper
56	100		
69	44.3	29.4	44.2
84	108.7	82.2	123.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/05/2025
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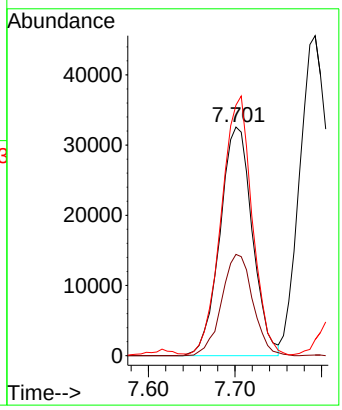
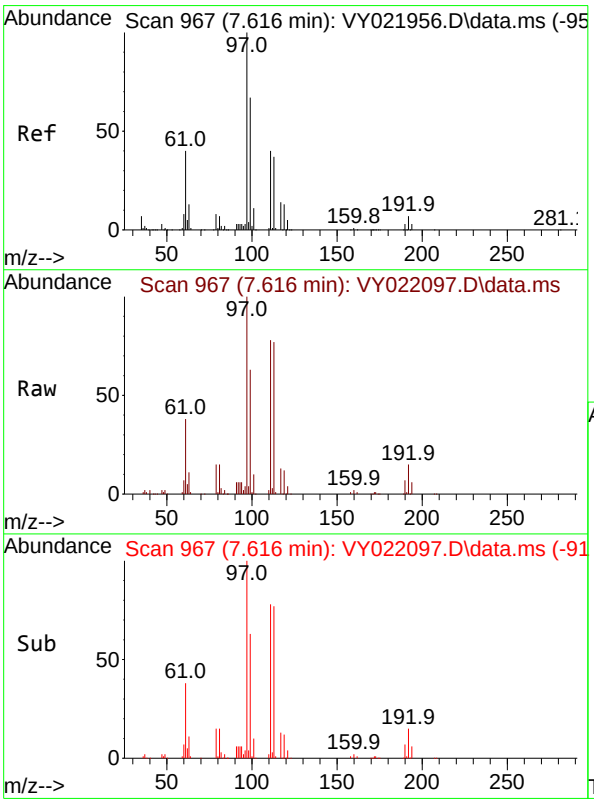
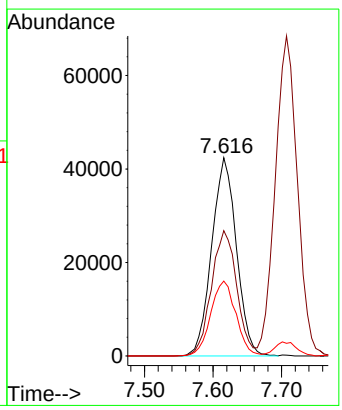


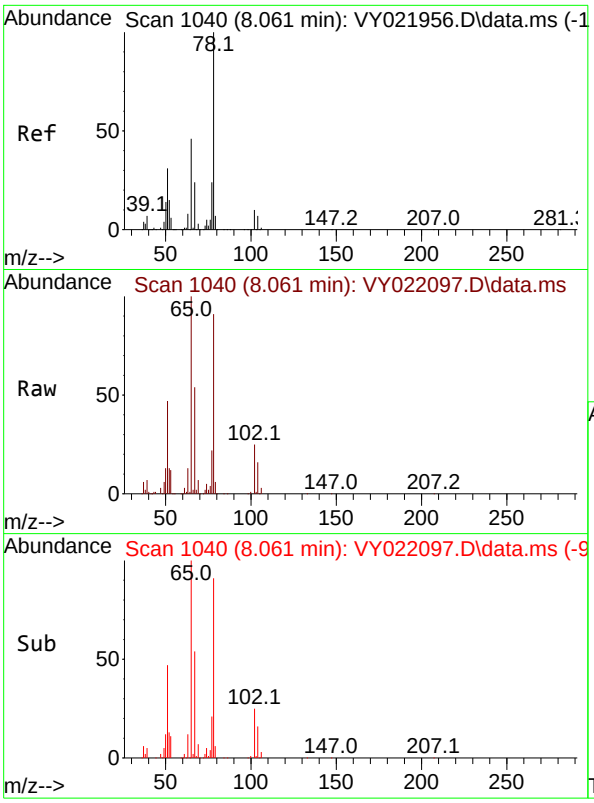


#32
1,1,1-Trichloroethane
Concen: 20.103 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 97 Resp: 106076

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	38.6	31.4	47.2

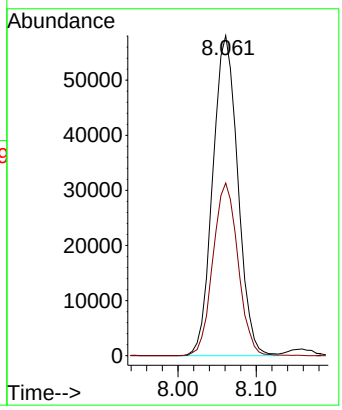




#33
1,2-Dichloroethane-d4
Concen: 47.479 ug/l
RT: 8.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 65 Resp: 12914

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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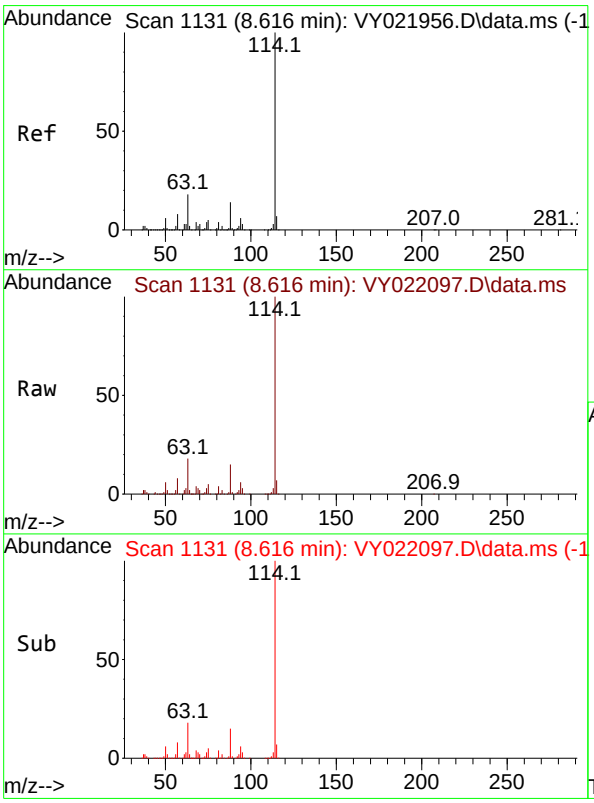
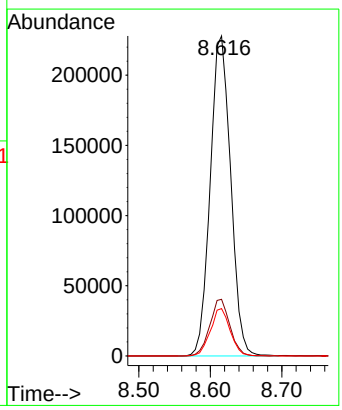
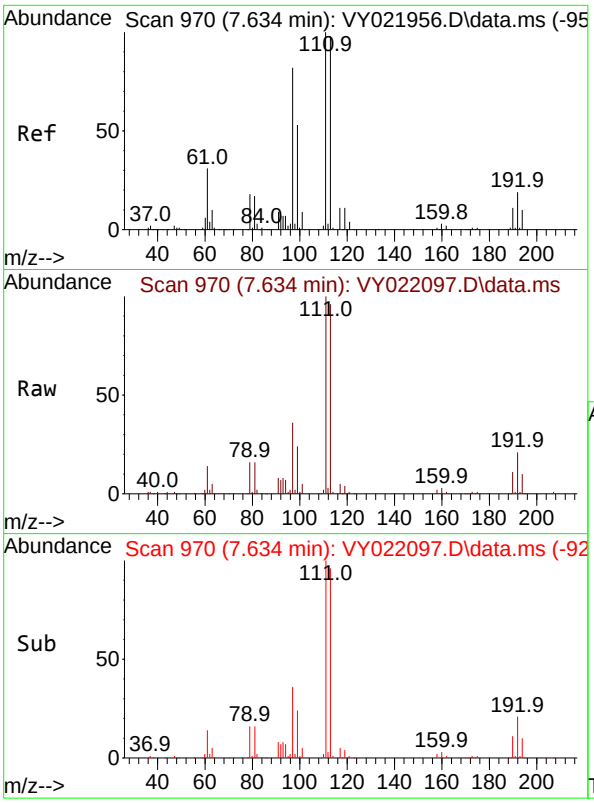


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:114 Resp: 452802

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.4
88	14.8	0.0	28.2





#35
Dibromofluoromethane
Concen: 49.549 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:113 Resp: 14822

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	20.8	15.6	23.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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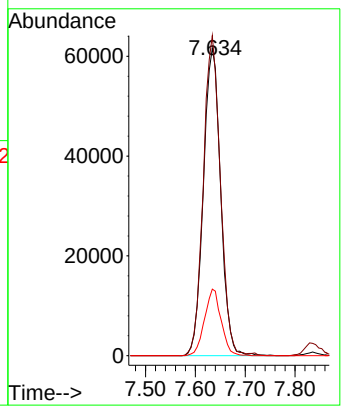
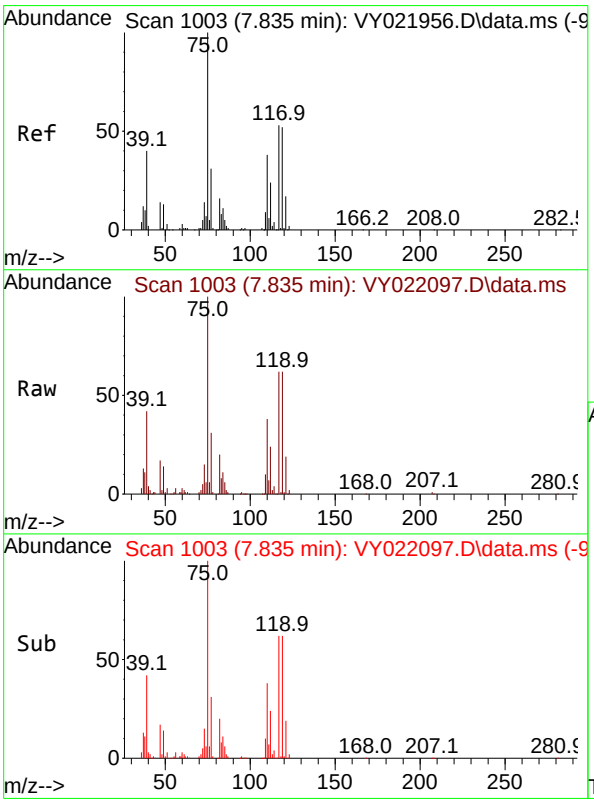
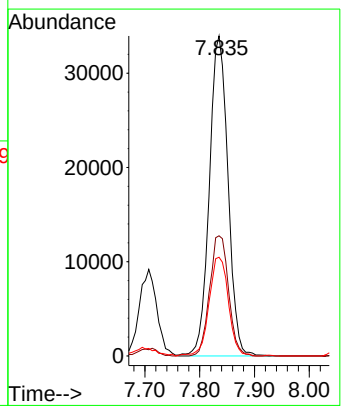


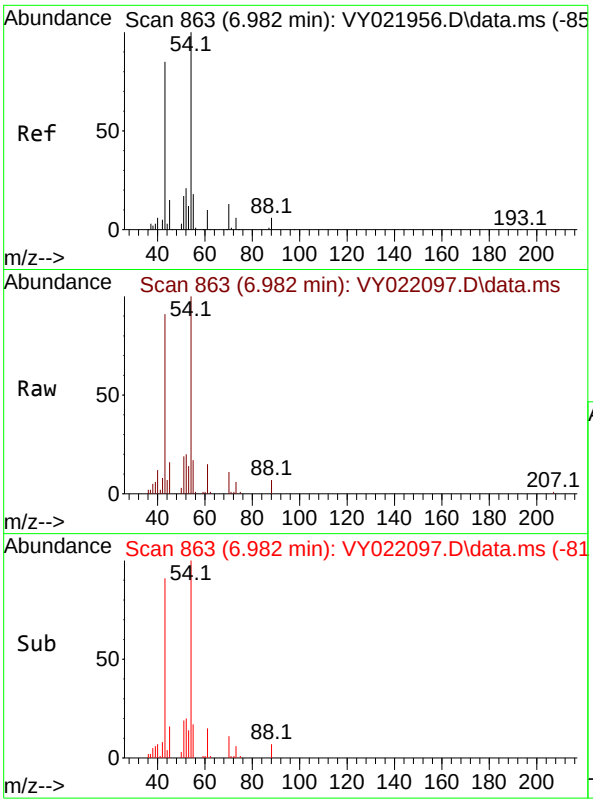


#36
1,1-Dichloropropene
Concen: 19.894 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 79939

Ion	Ratio	Lower	Upper
75	100		
110	38.1	19.1	57.3
77	32.1	25.5	38.3





#37
Ethyl Acetate
Concen: 17.556 ug/l
RT: 6.982 min Scan# 8
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 2533

Ion	Ratio	Lower	Upper
43	100		
61	18.1	13.8	20.6
70	13.3	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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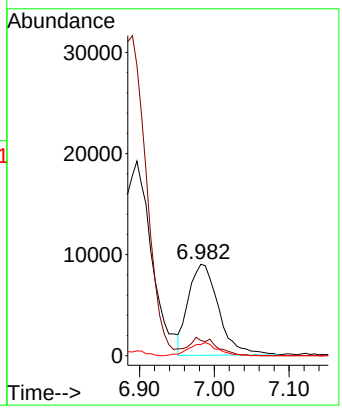
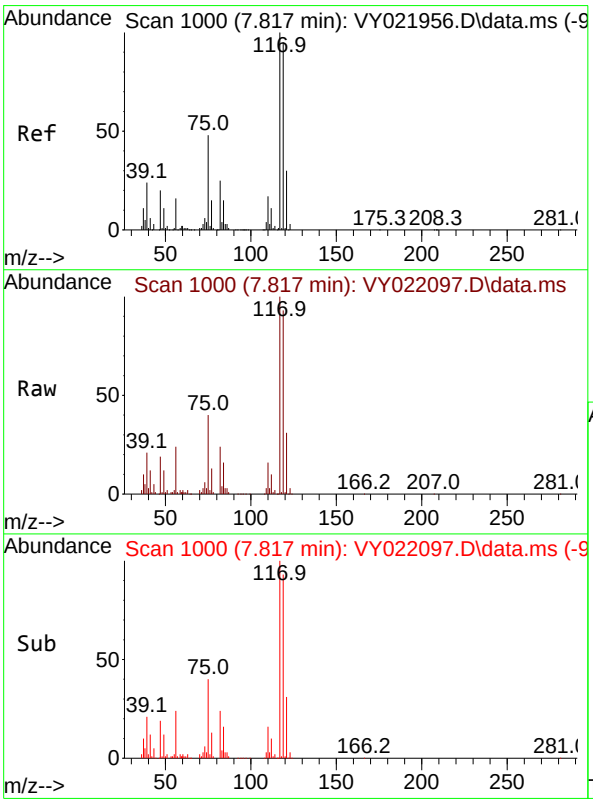
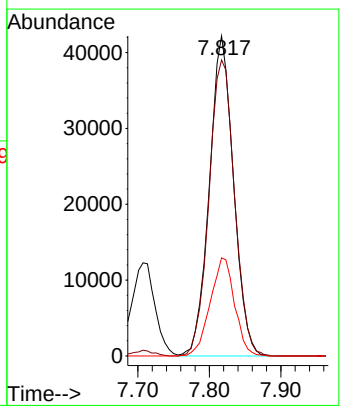


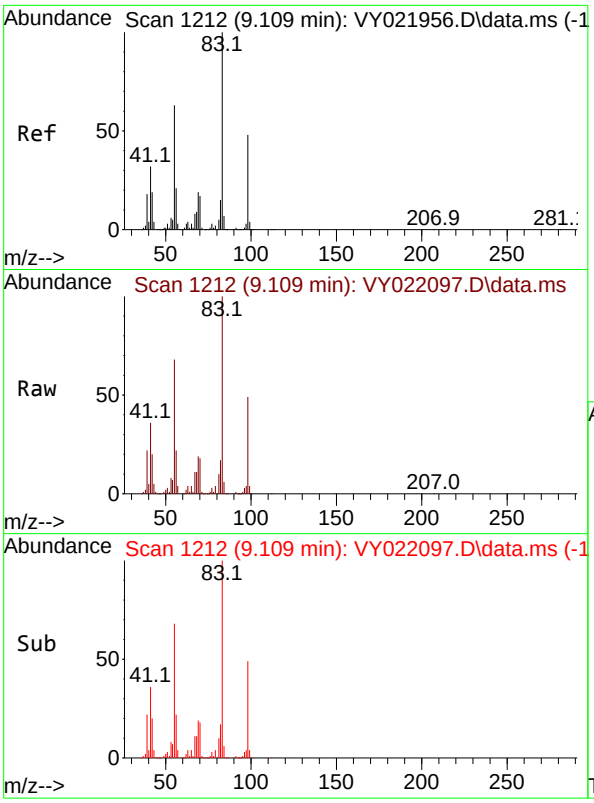


#38
Carbon Tetrachloride
Concen: 20.639 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:117 Resp: 99102

Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.2	114.4
121	30.6	24.0	36.0





#39
Methylcyclohexane
Concen: 18.956 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 83 Resp: 9585

Ion	Ratio	Lower	Upper
83	100		
55	68.1	50.6	75.8
98	48.9	38.6	58.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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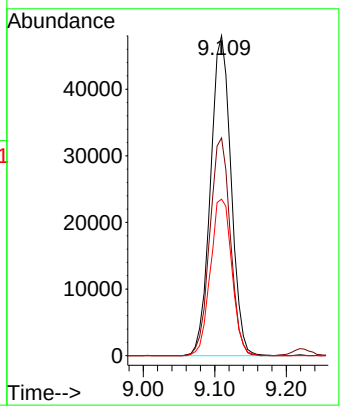
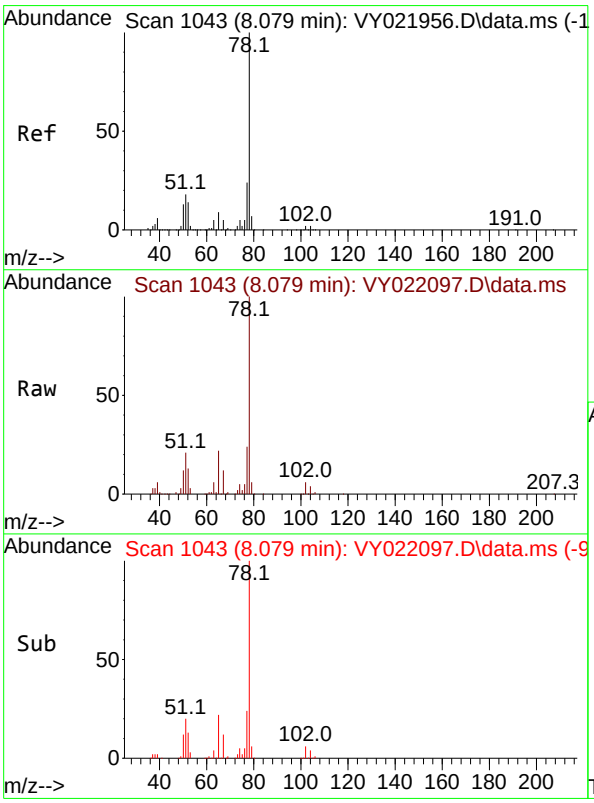
Supervised By :Mahesh Dadoda 05/05/2025

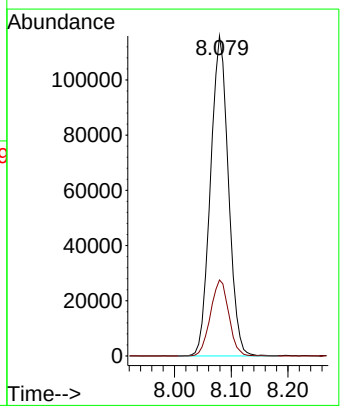


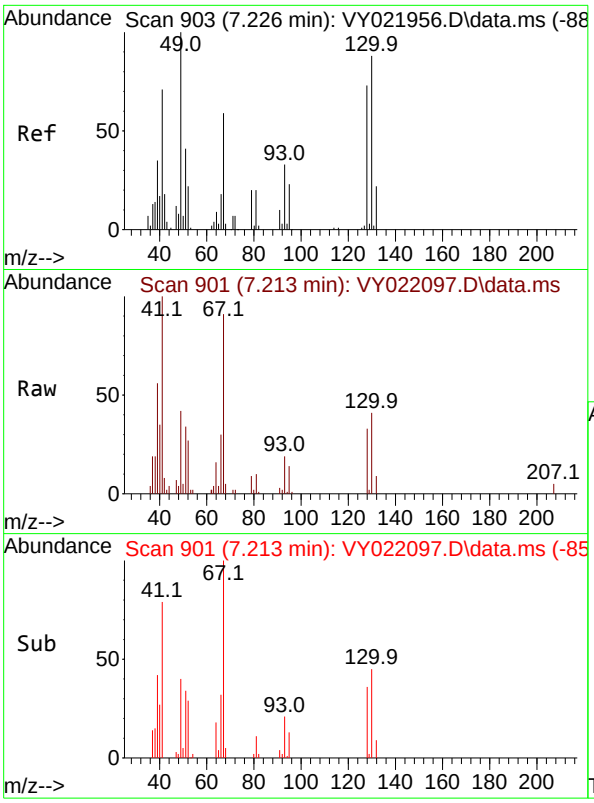


#40
Benzene
Concen: 20.248 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 78 Resp: 254338

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9

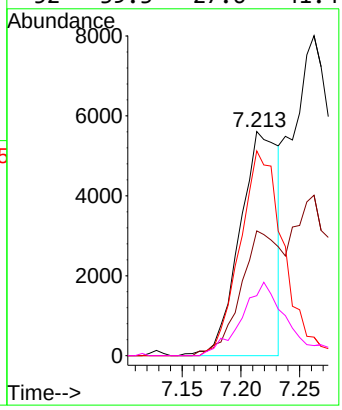




#41
Methacrylonitrile
Concen: 16.090 ug/l
RT: 7.213 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 41 Resp: 1269

Ion	Ratio	Lower	Upper
41	100		
39	61.2	36.6	55.0
67	104.3	72.2	108.4
52	39.3	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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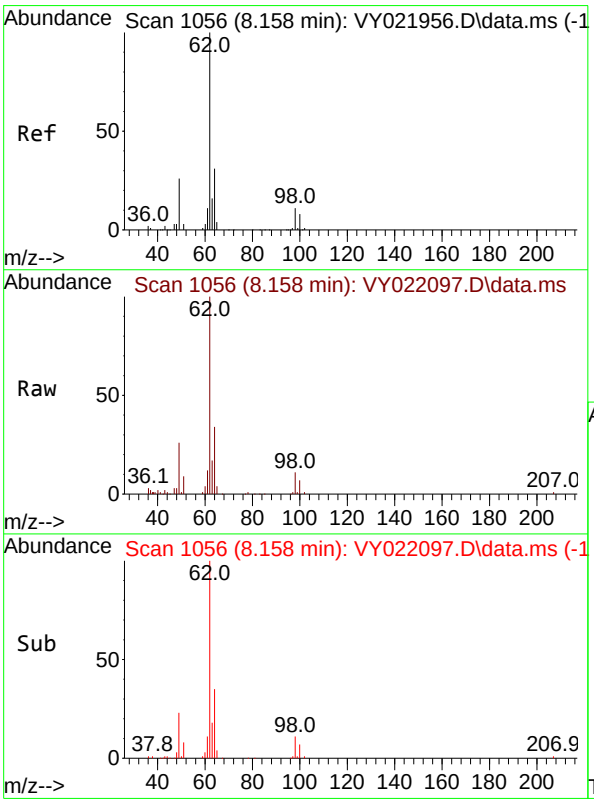
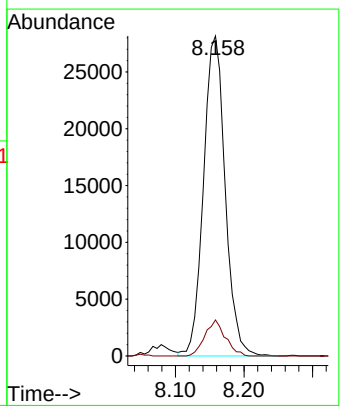
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

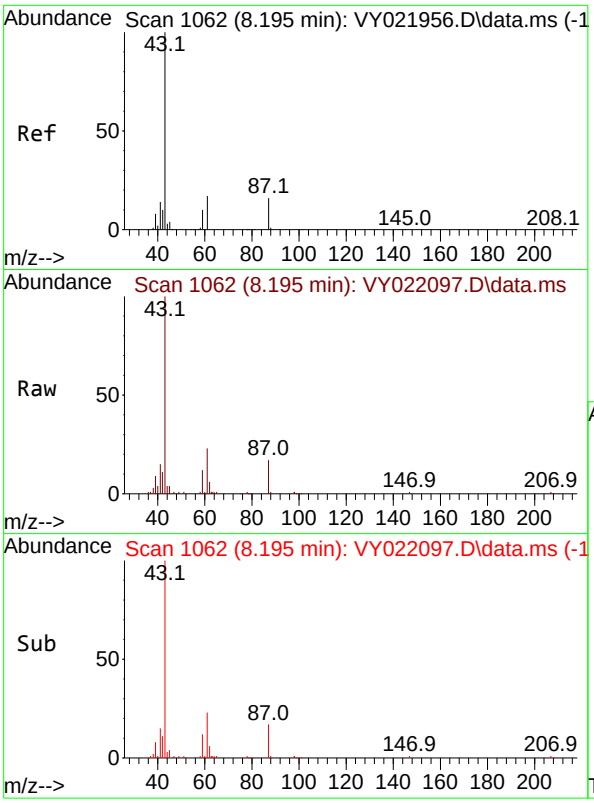


#42
1,2-Dichloroethane
Concen: 19.920 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 62 Resp: 61949

Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0

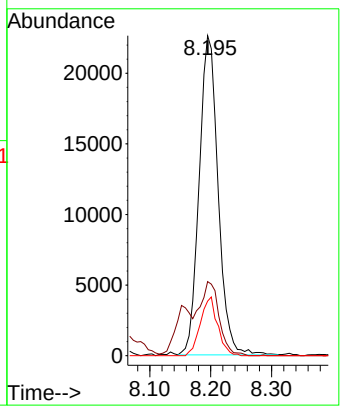




#43
Isopropyl Acetate
Concen: 17.639 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 4888

Ion	Ratio	Lower	Upper
43	100		
61	24.1	18.9	28.3
87	16.7	13.7	20.5



Instrument :
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ClientSampleId :
VY0501SBS01

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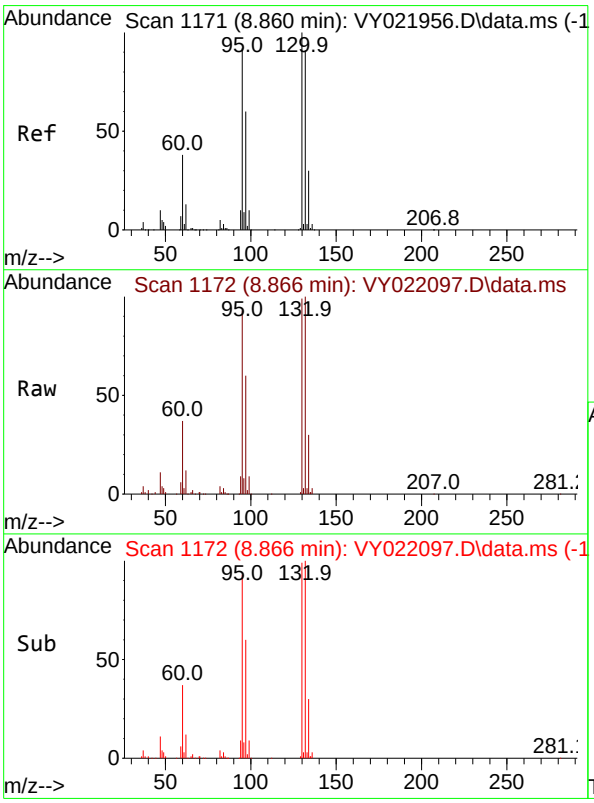
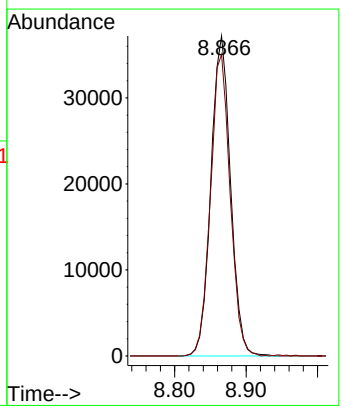
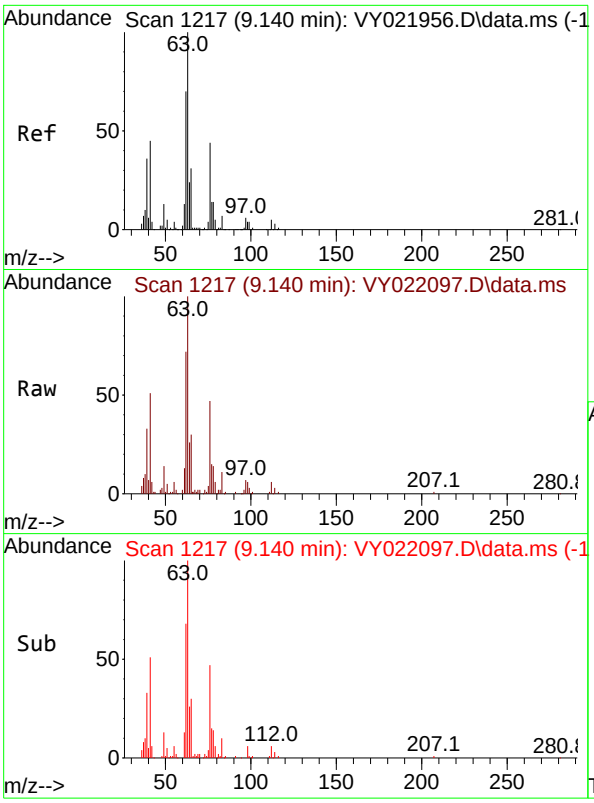


#44
Trichloroethene
Concen: 20.319 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:130 Resp: 70695

Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	183.2

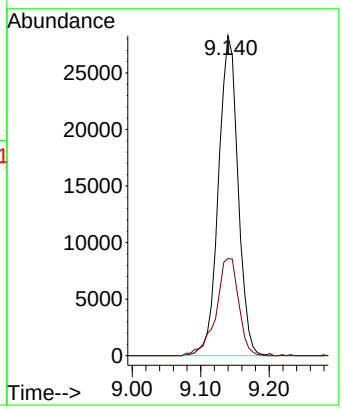




#45
1,2-Dichloropropane
Concen: 20.131 ug/l
RT: 9.140 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 63 Resp: 5591

Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
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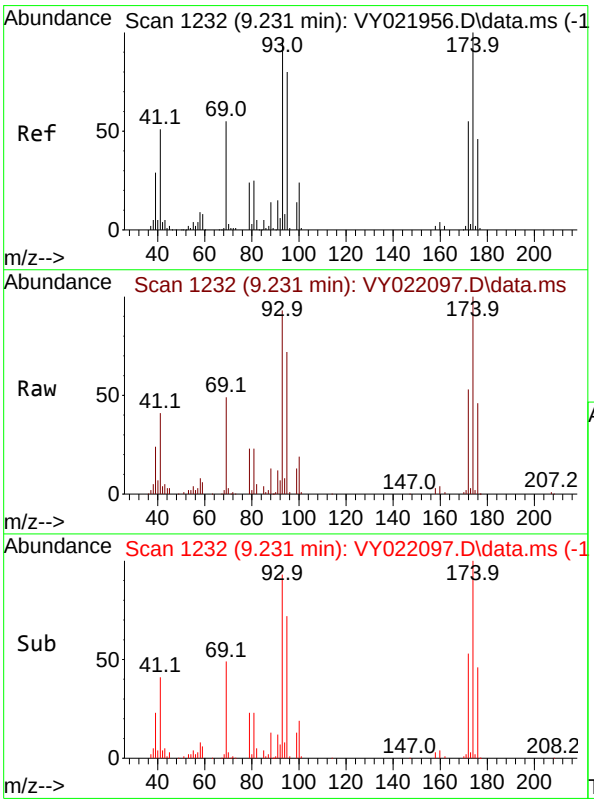
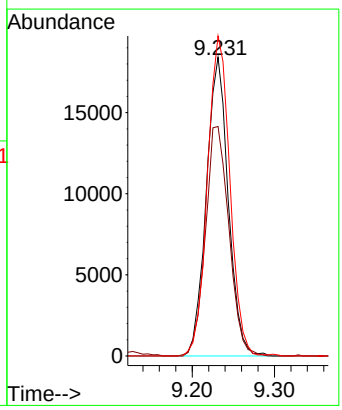
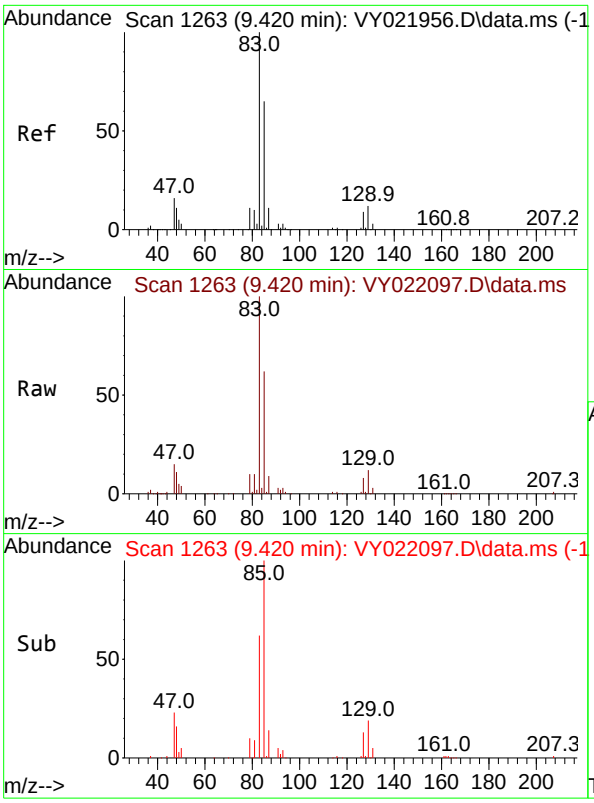


#46
Dibromomethane
Concen: 19.612 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 93 Resp: 34103

Ion	Ratio	Lower	Upper
93	100		
95	82.4	66.7	100.1
174	109.5	84.6	127.0

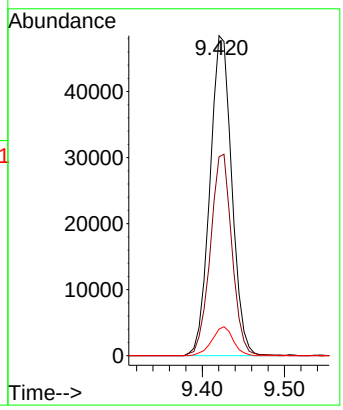




#47
Bromodichloromethane
Concen: 20.570 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 83 Resp: 8935

Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.8	77.8
127	8.3	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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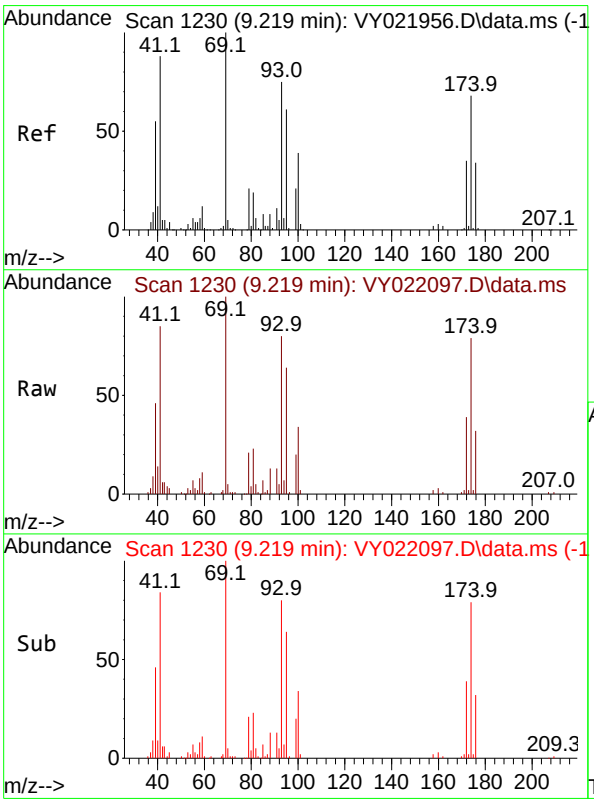
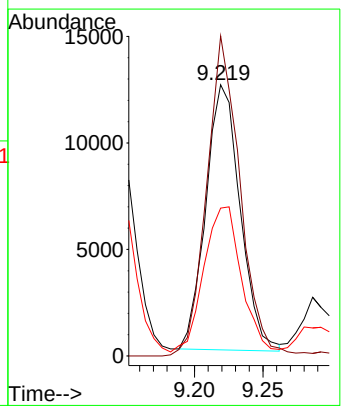
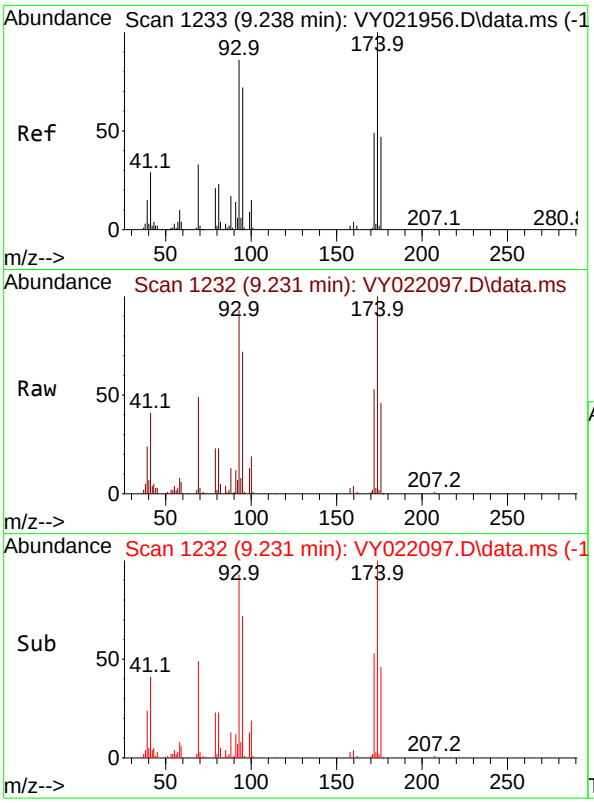


#48
Methyl methacrylate
Concen: 16.948 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 41 Resp: 21714

Ion	Ratio	Lower	Upper
41	100		
69	117.0	85.5	128.3
39	59.7	46.2	69.4





#49
1,4-Dioxane
Concen: 372.078 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 88 Resp: 689

Ion	Ratio	Lower	Upper
88	100		
43	30.2	21.3	31.9
58	59.6	50.5	75.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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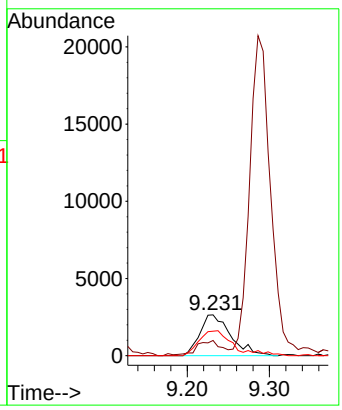
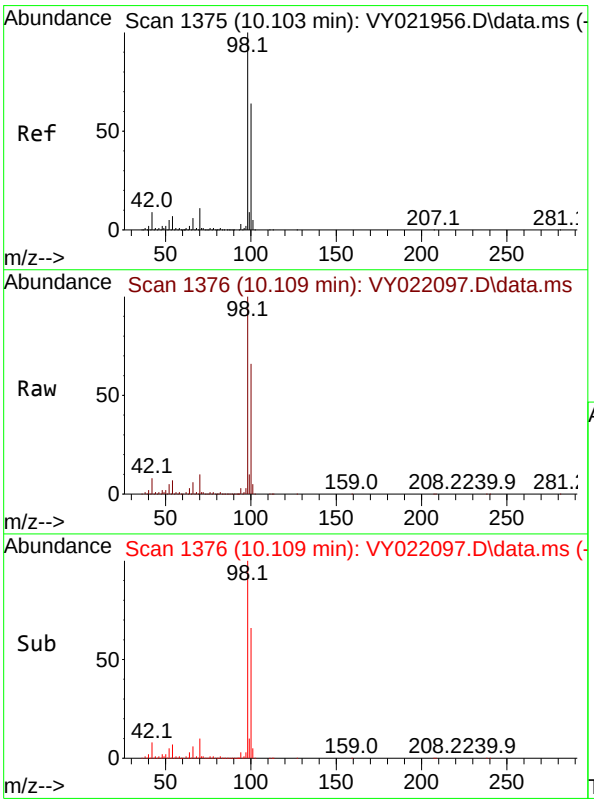
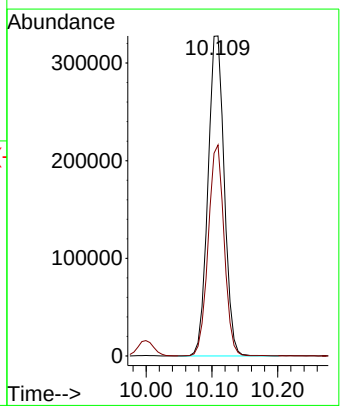


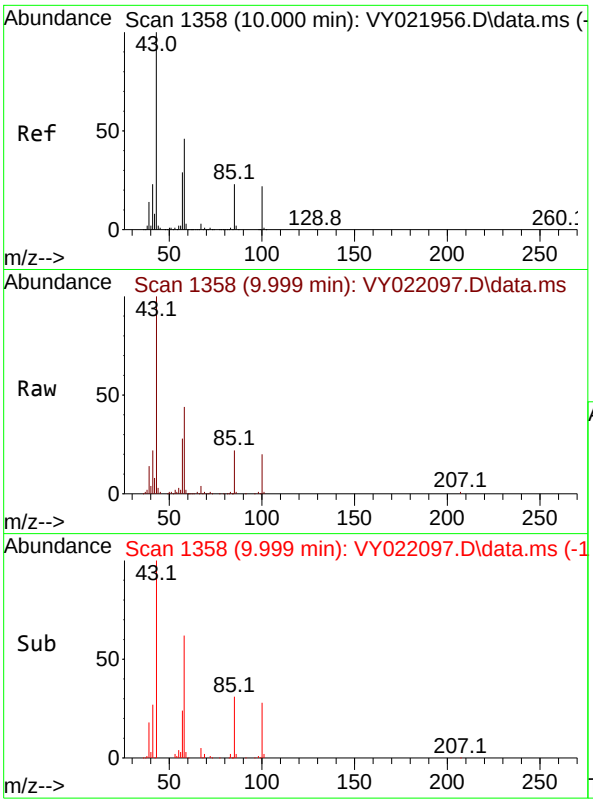


#50
Toluene-d8
Concen: 50.076 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 98 Resp: 564747

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

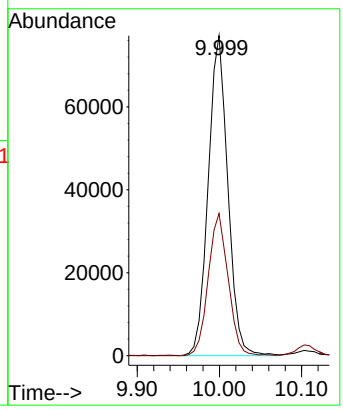




#51
4-Methyl-2-Pentanone
Concen: 88.084 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 12797

Ion	Ratio	Lower	Upper
43	100		
58	45.0	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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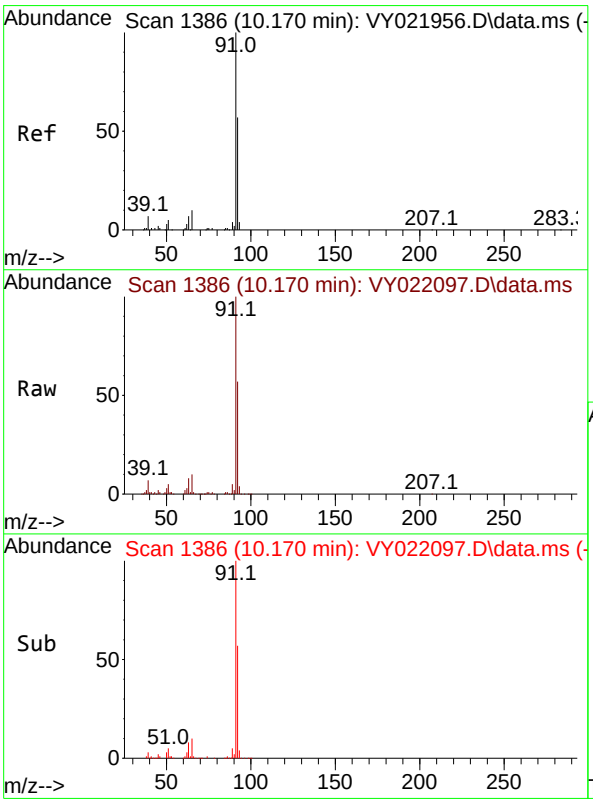
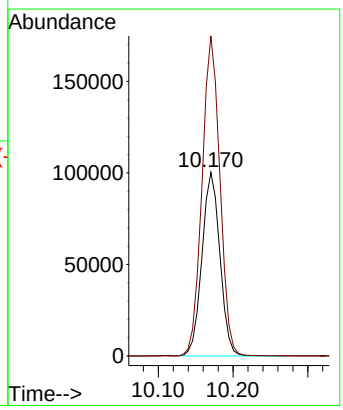
Supervised By :Mahesh Dadoda 05/05/2025

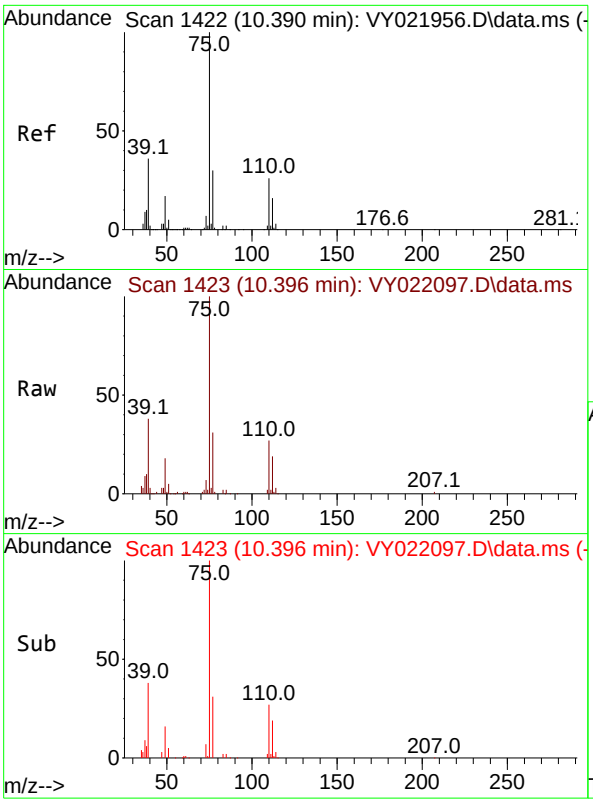


#52
Toluene
Concen: 20.562 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 92 Resp: 167187

Ion	Ratio	Lower	Upper
92	100		
91	174.0	138.6	207.8

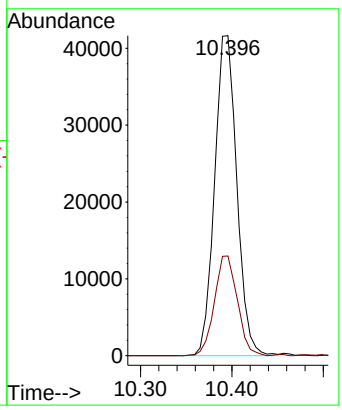




#53
t-1,3-Dichloropropene
Concen: 18.912 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 7046

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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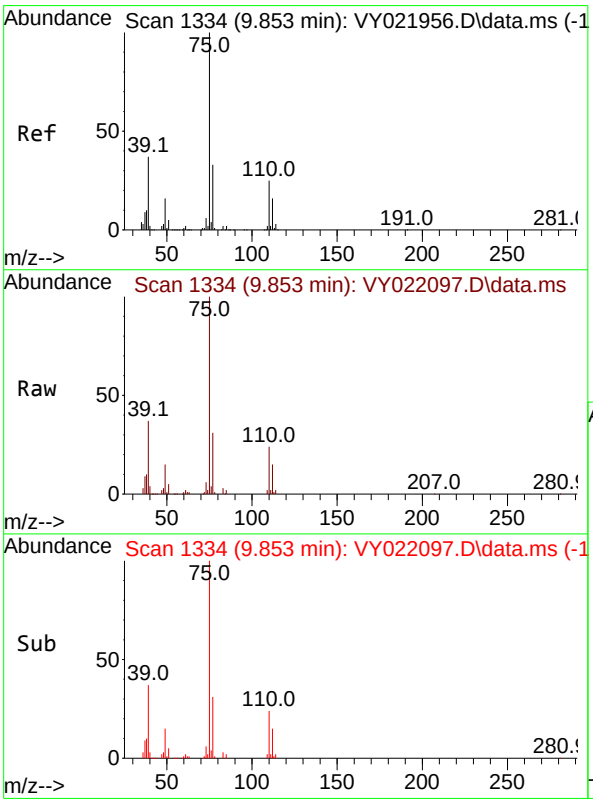
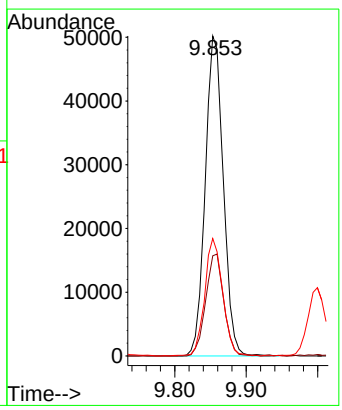
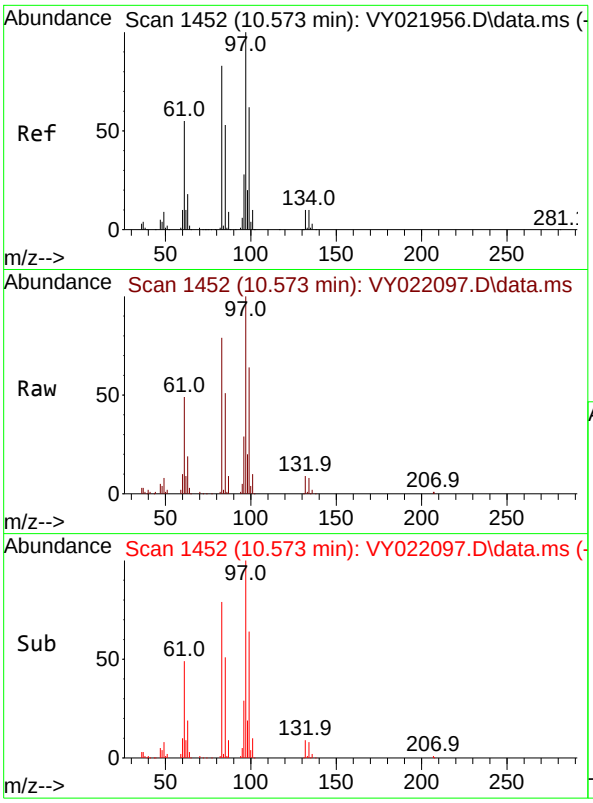


#54
cis-1,3-Dichloropropene
Concen: 19.912 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 88193

Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.6	40.0
39	36.5	29.6	44.4

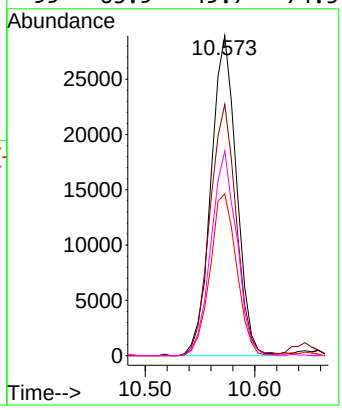




#55
1,1,2-Trichloroethane
Concen: 20.150 ug/l
RT: 10.573 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 97 Resp: 4680

Ion	Ratio	Lower	Upper
97	100		
83	78.5	66.7	100.1
85	50.5	42.6	64.0
99	63.9	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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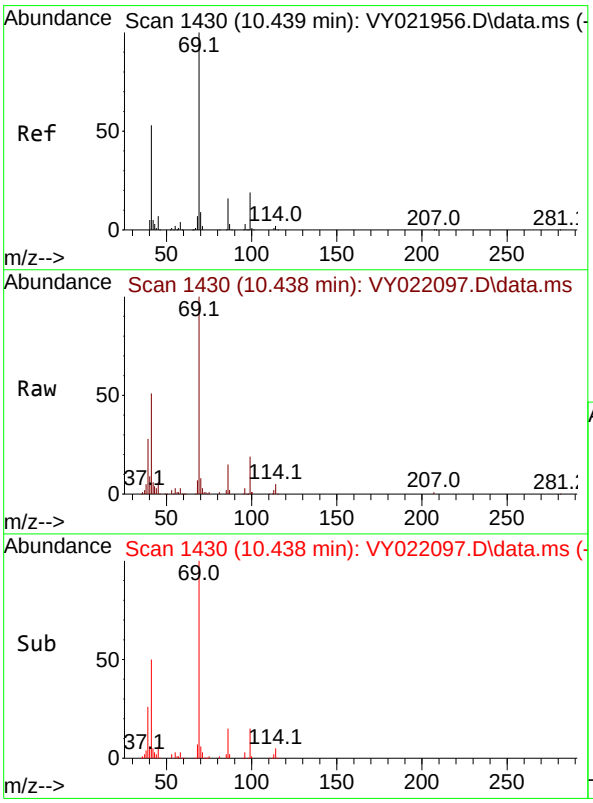
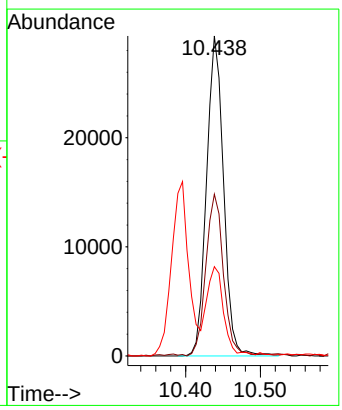
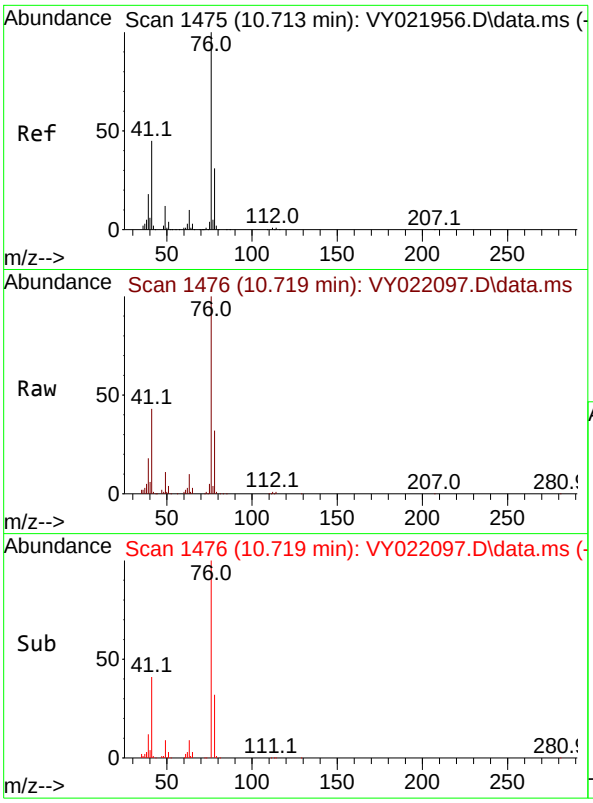


#56
Ethyl methacrylate
Concen: 17.476 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 69 Resp: 46419

Ion	Ratio	Lower	Upper
69	100		
41	52.4	40.7	61.1
39	26.8	23.3	34.9

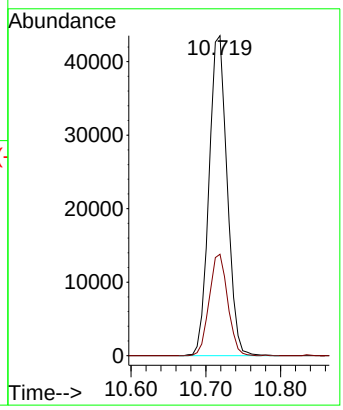




#57
1,3-Dichloropropane
Concen: 19.697 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 76 Resp: 7334

Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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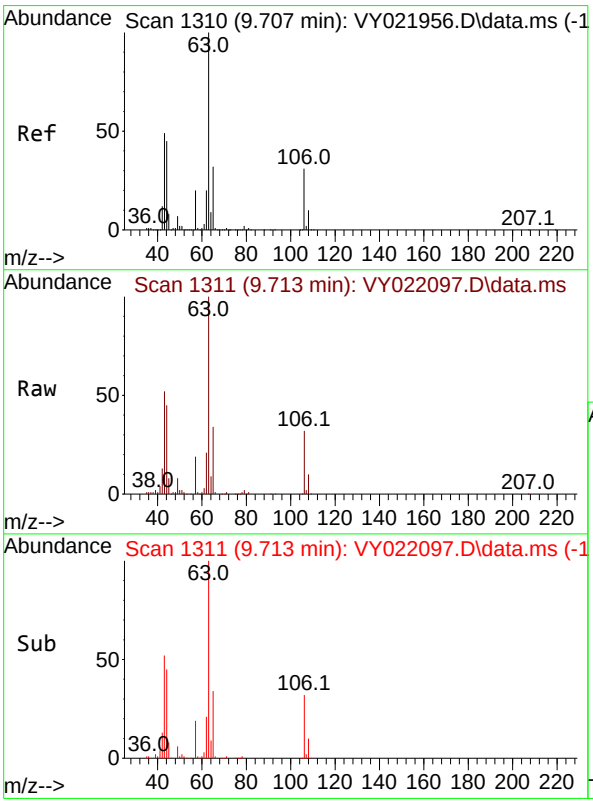
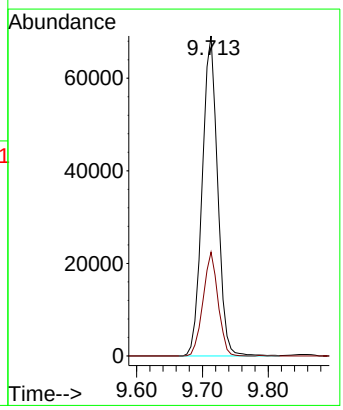
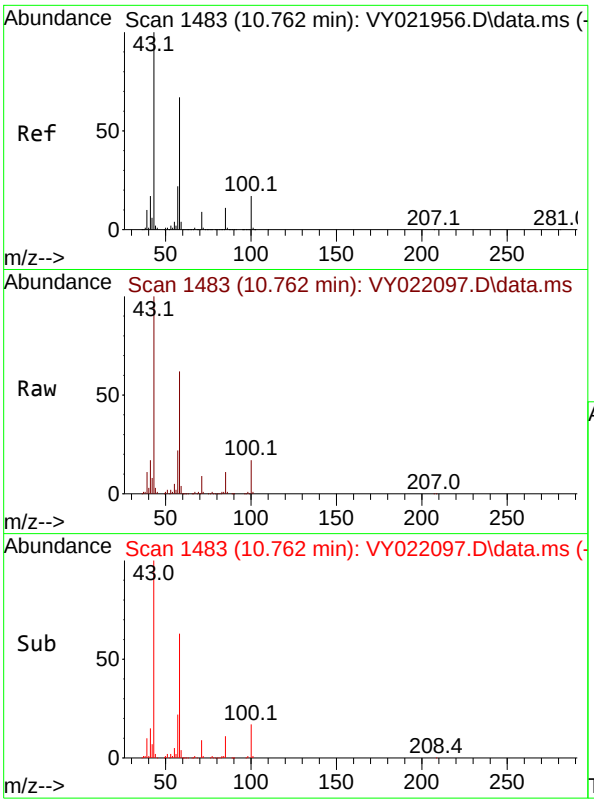


#58
2-Chloroethyl Vinyl ether
Concen: 86.715 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 63 Resp: 112618

Ion	Ratio	Lower	Upper
63	100		
106	31.4	25.3	37.9





#59
2-Hexanone
Concen: 84.678 ug/l
RT: 10.762 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 8114(

Ion	Ratio	Lower	Upper
43	100		
58	62.4	32.0	96.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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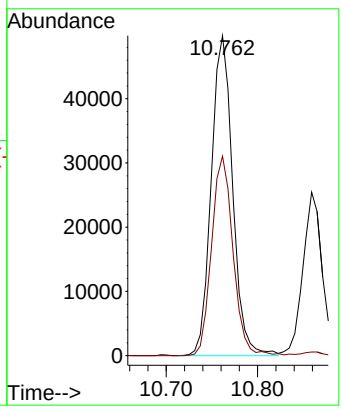
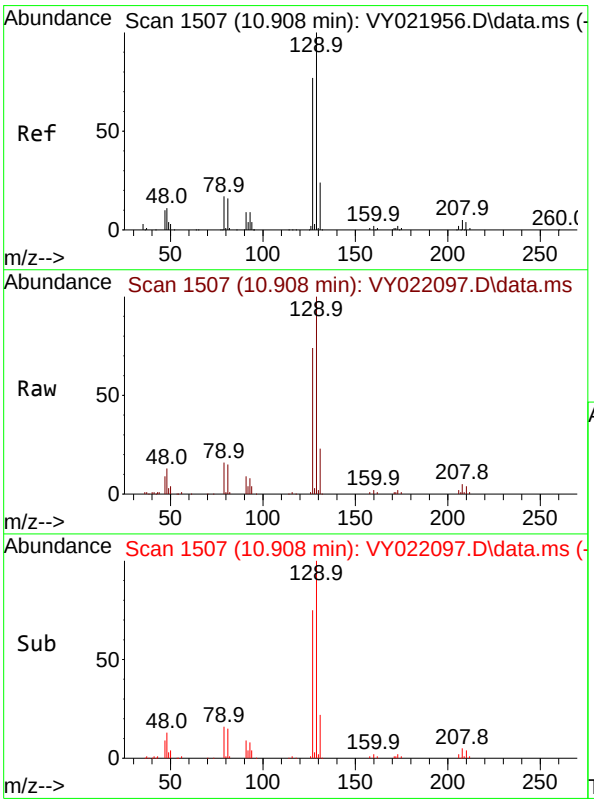
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

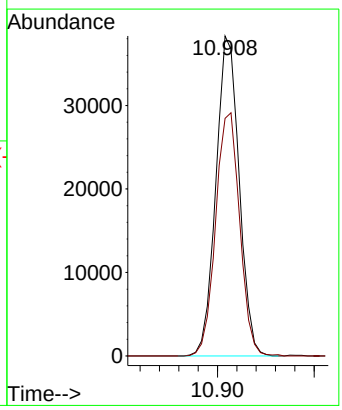


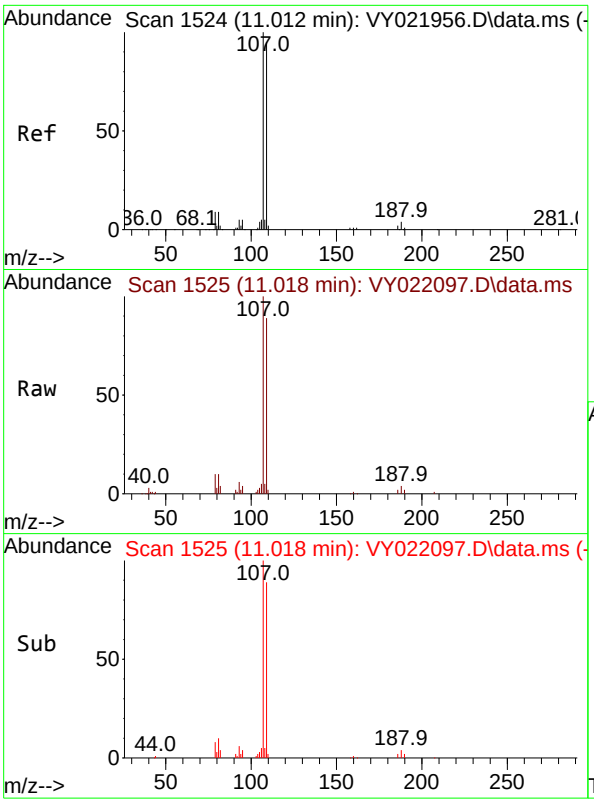


#60
Dibromochloromethane
Concen: 19.827 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:129 Resp: 63759

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.5	115.3





#61
1,2-Dibromoethane
Concen: 19.884 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:107 Resp: 4360

Ion	Ratio	Lower	Upper
107	100		
109	90.6	75.8	113.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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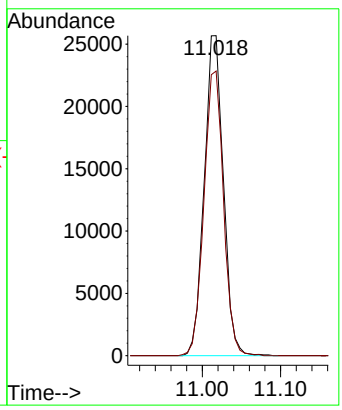
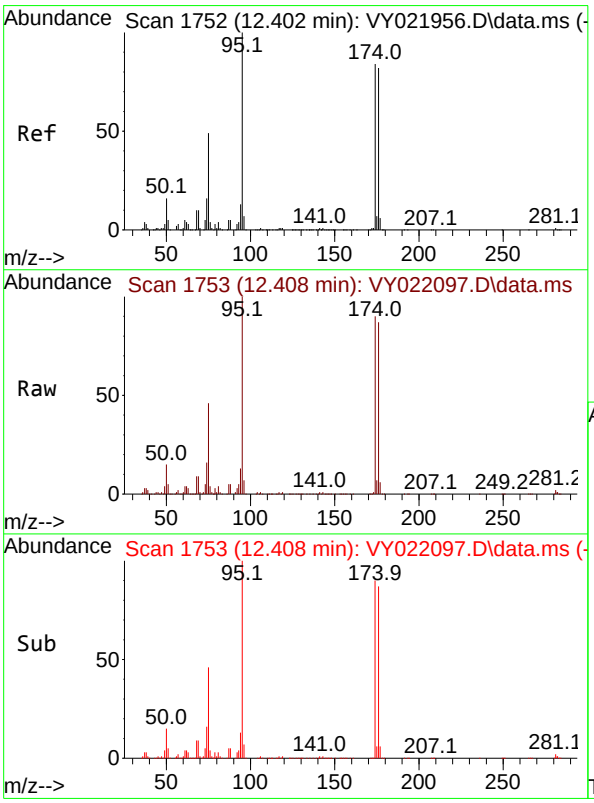
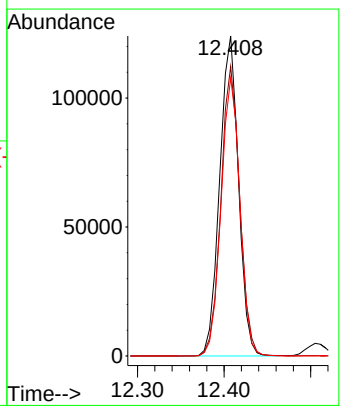


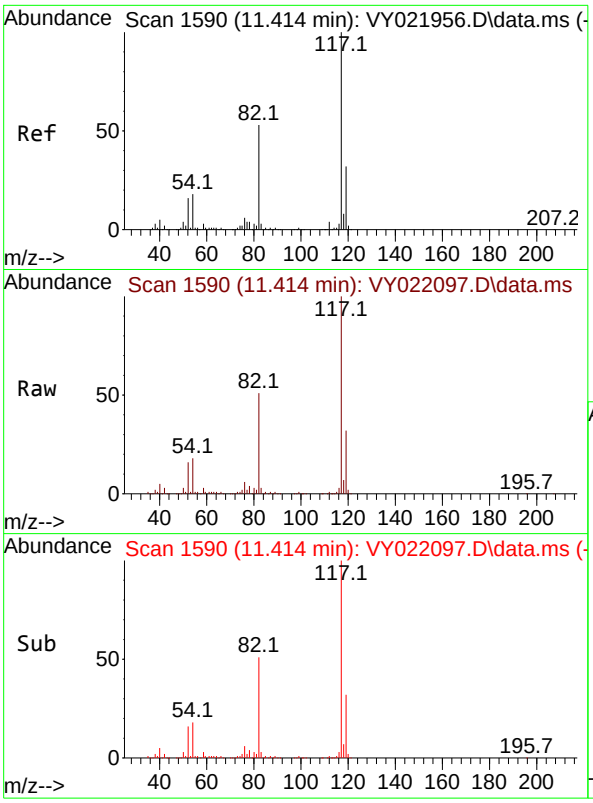


#62
4-Bromofluorobenzene
Concen: 49.257 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 95 Resp: 187006

Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	179.0
176	87.2	0.0	171.8

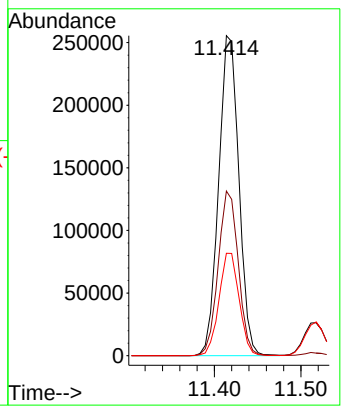




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:117 Resp: 41423

Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.1	63.1
119	32.0	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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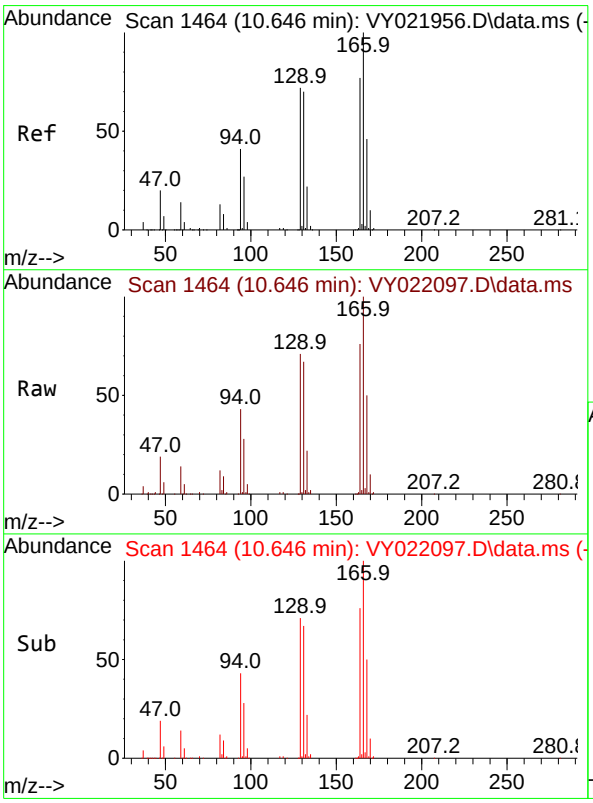
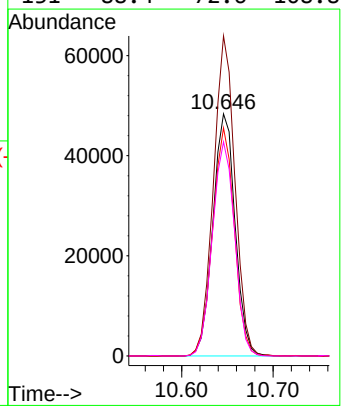
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

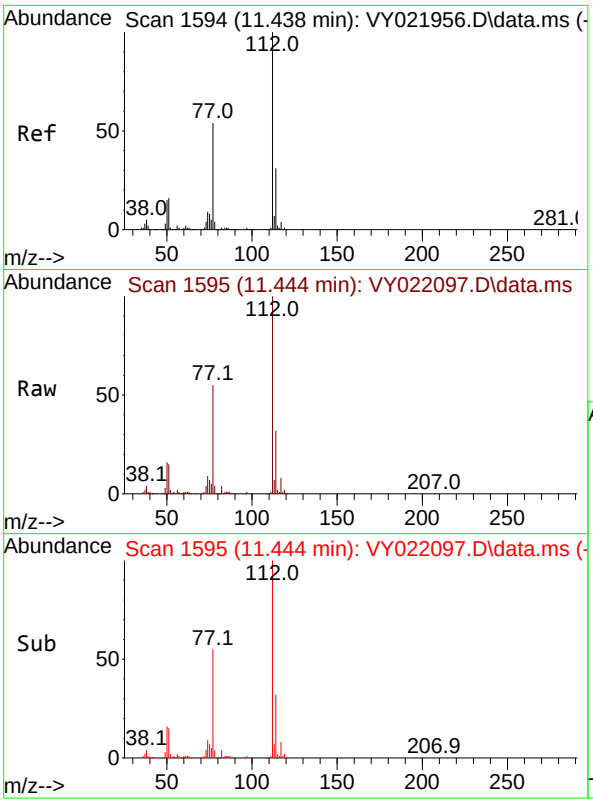


#64
Tetrachloroethene
Concen: 20.925 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:164 Resp: 81769

Ion	Ratio	Lower	Upper
164	100		
166	132.2	103.6	155.4
129	94.2	74.2	111.4
131	88.4	72.6	108.8

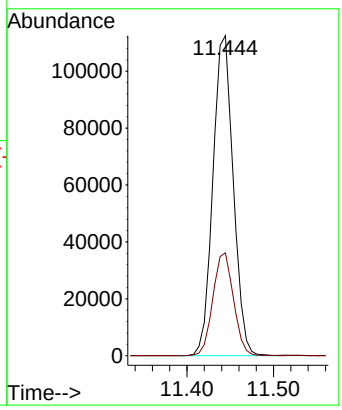




#65
Chlorobenzene
Concen: 19.830 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:112 Resp: 18368

Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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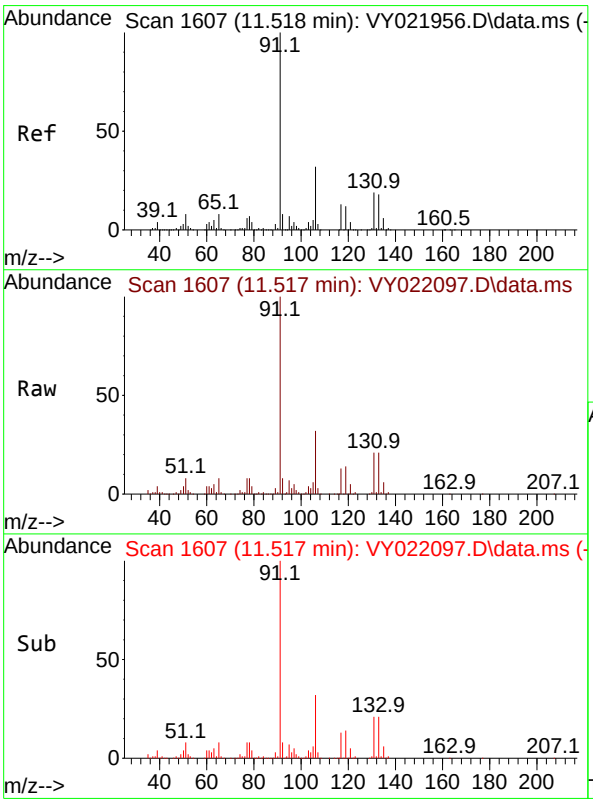
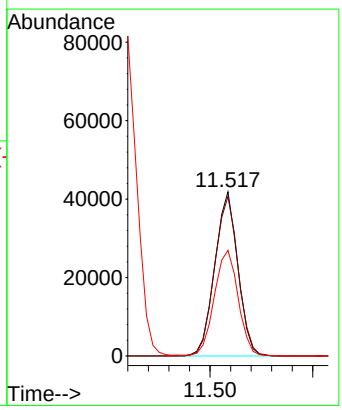
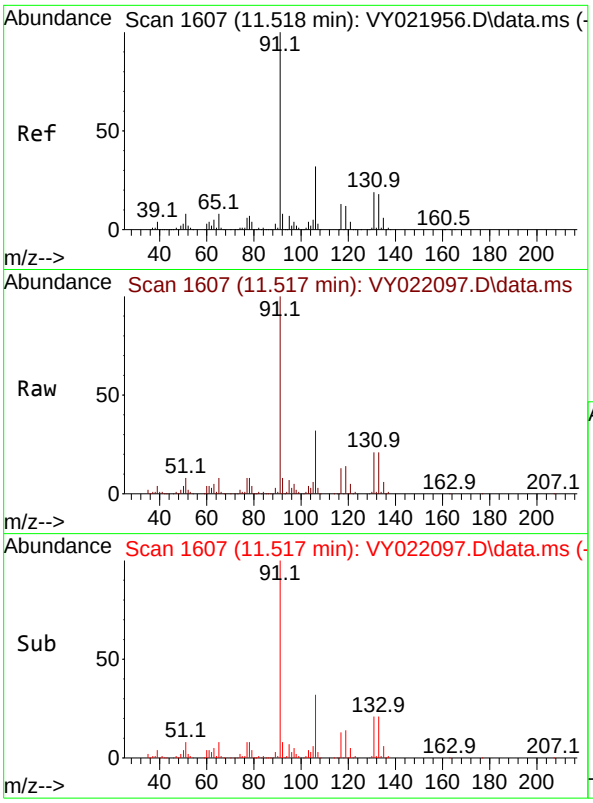


#66
1,1,1,2-Tetrachloroethane
Concen: 19.952 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:131 Resp: 65069

Ion	Ratio	Lower	Upper
131	100		
133	99.4	47.8	143.3
119	66.7	32.4	97.0





#67
Ethyl Benzene
Concen: 19.525 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 91 Resp: 29586

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.9	38.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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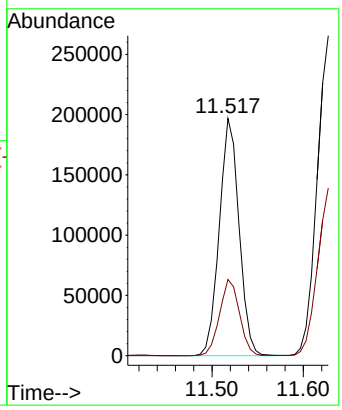
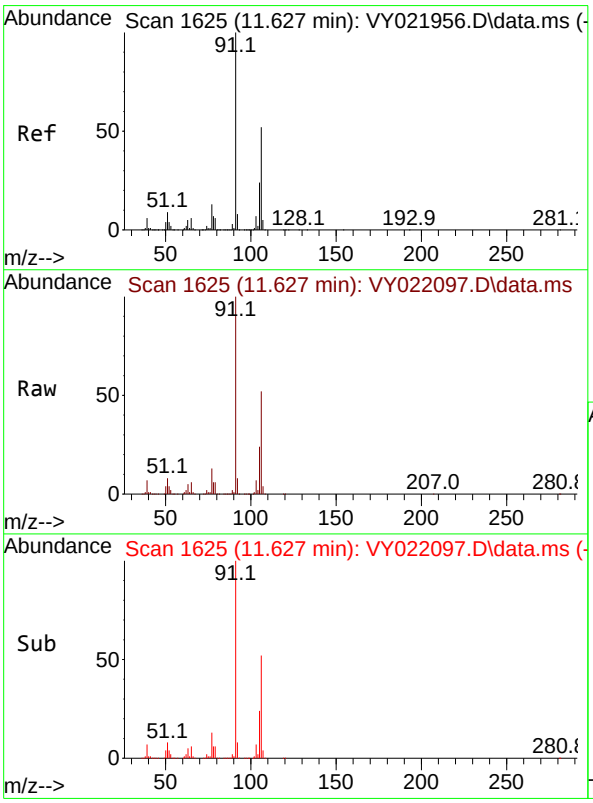
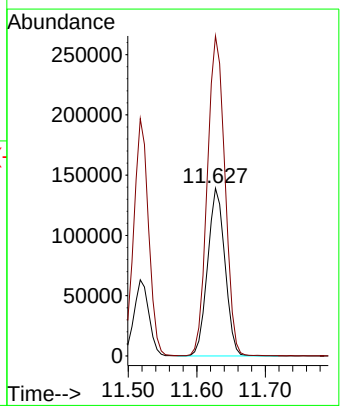


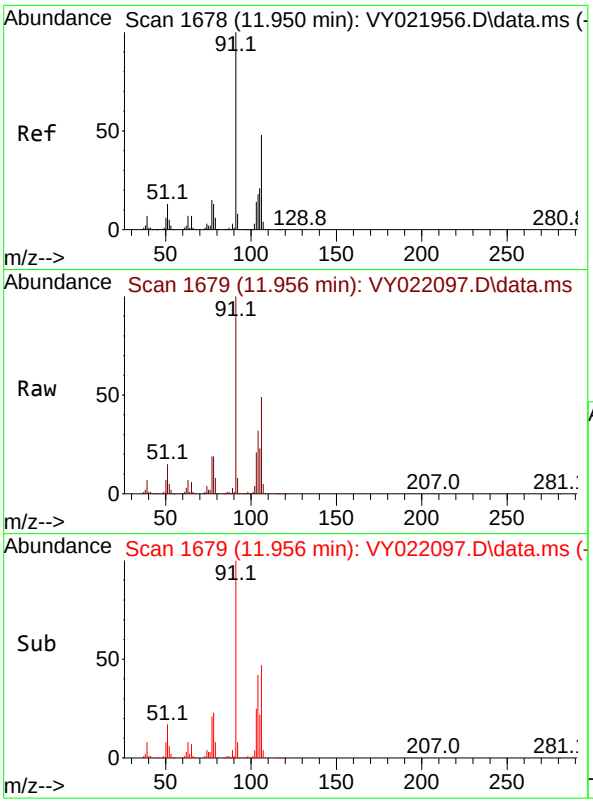


#68
m/p-Xylenes
Concen: 40.518 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:106 Resp: 244316

Ion	Ratio	Lower	Upper
106	100		
91	193.6	156.2	234.2





#69
o-Xylene
Concen: 19.629 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:106 Resp: 10909

Ion	Ratio	Lower	Upper
106	100		
91	204.4	103.0	308.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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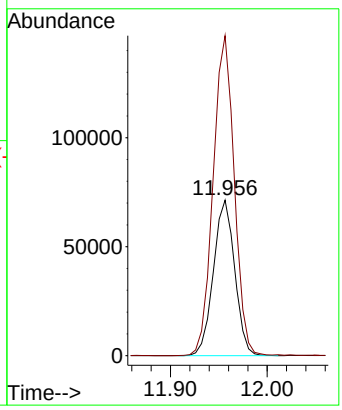
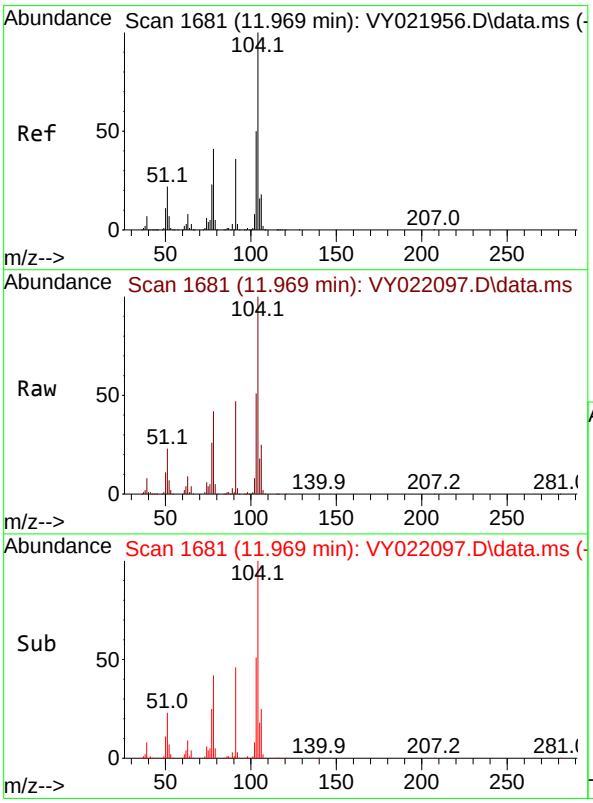
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

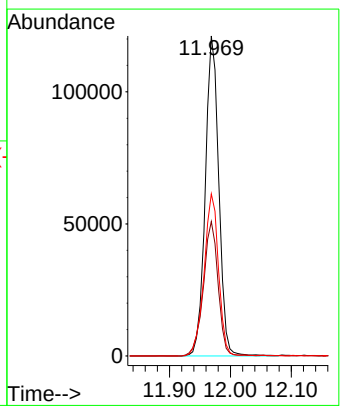


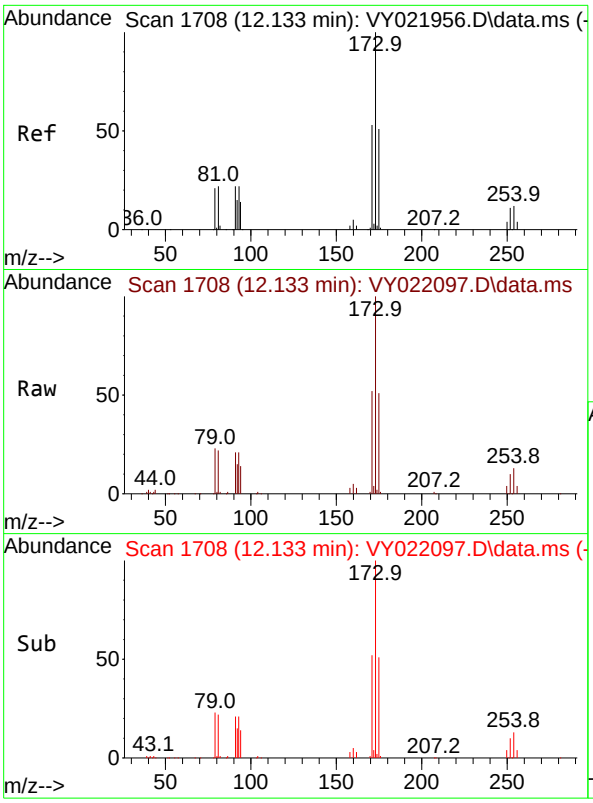


#70
Styrene
Concen: 20.081 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:104 Resp: 187388

Ion	Ratio	Lower	Upper
104	100		
78	45.7	36.6	54.8
103	54.0	43.8	65.8

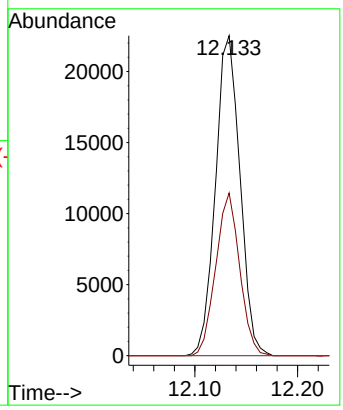




#71
Bromoform
Concen: 19.615 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:173 Resp: 3719

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.3	72.8
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/05/2025
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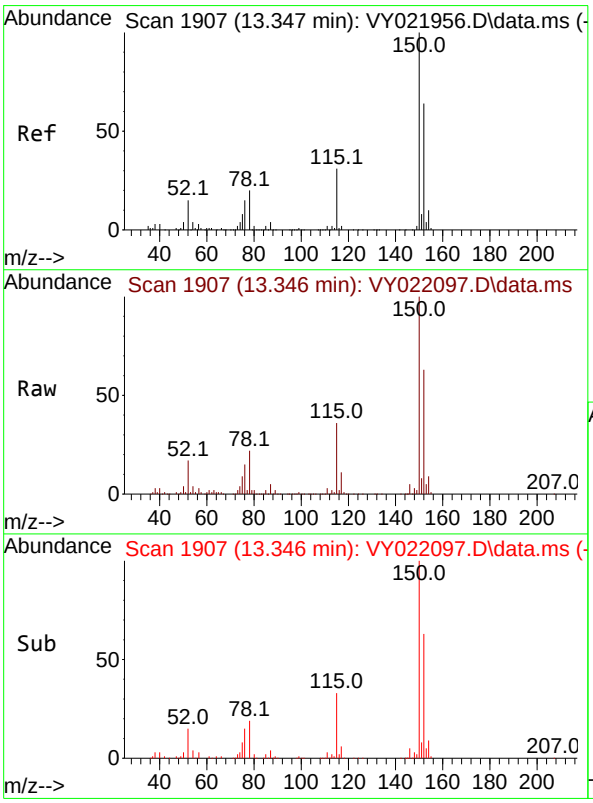
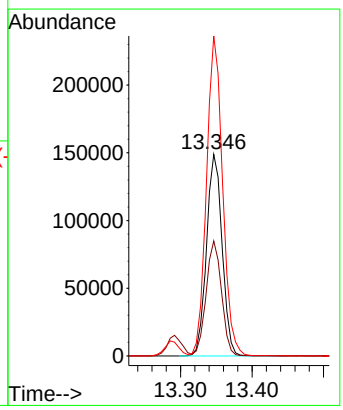
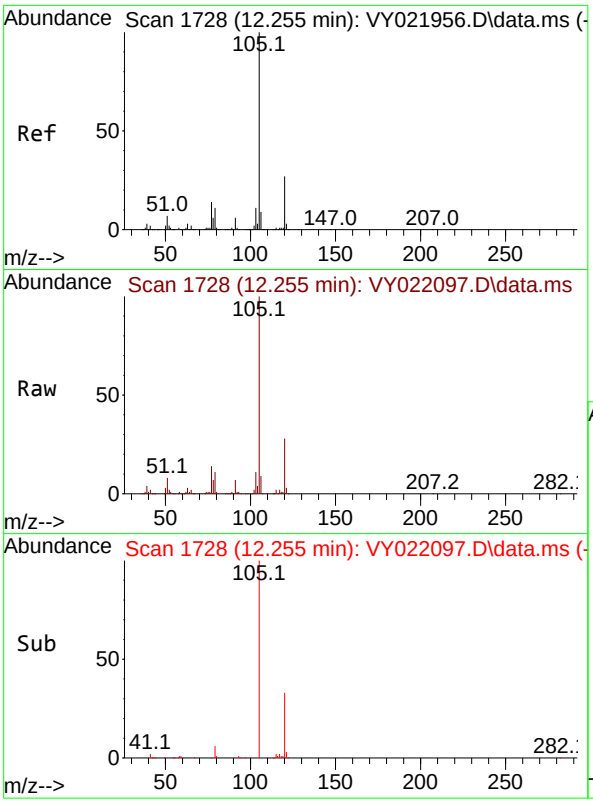


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:152 Resp: 225406

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.0	84.0
150	164.1	0.0	345.6

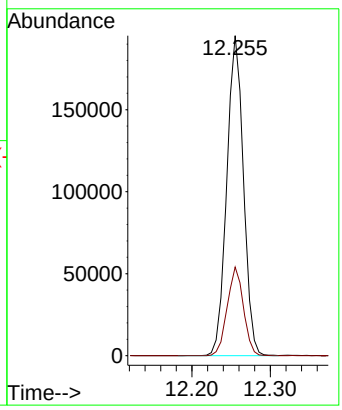




#73
Isopropylbenzene
Concen: 19.173 ug/l
RT: 12.255 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:105 Resp: 28874

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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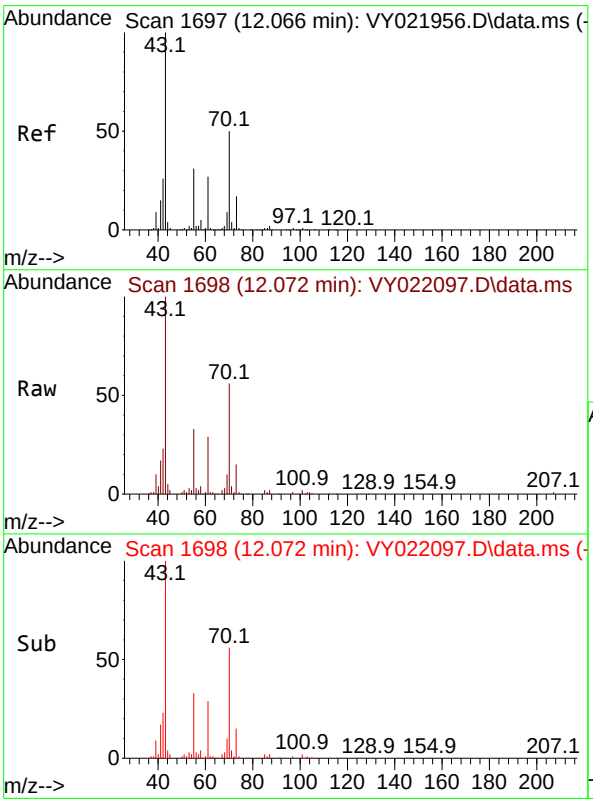
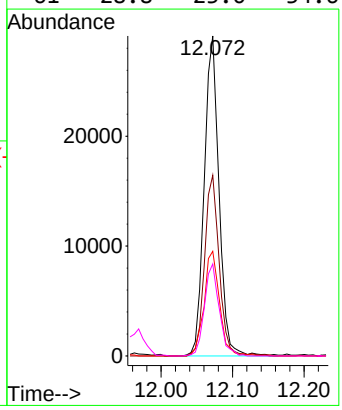
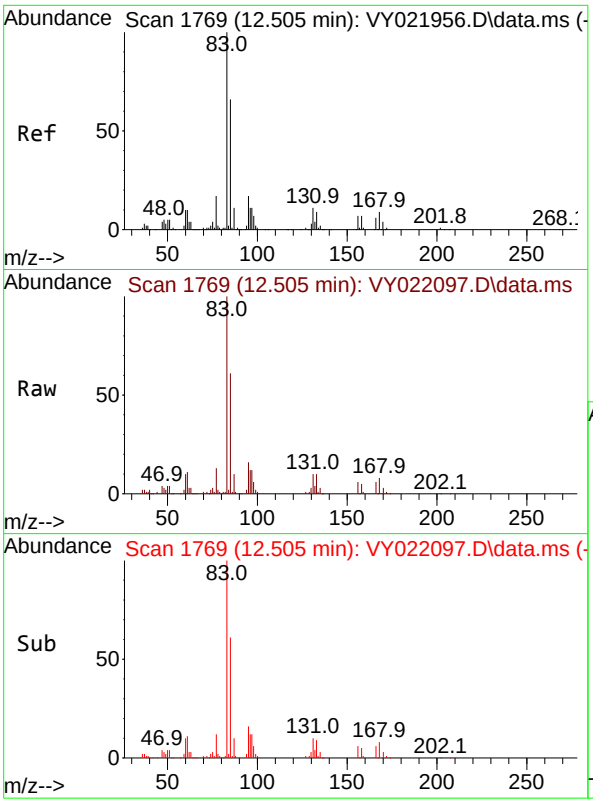


#74
N-amyl acetate
Concen: 16.178 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 43 Resp: 41858

Ion	Ratio	Lower	Upper
43	100		
70	55.9	43.2	64.8
55	34.5	25.7	38.5
61	28.8	23.0	34.6





#75
1,1,2,2-Tetrachloroethane
Concen: 18.407 ug/l
RT: 12.505 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 83 Resp: 4673

Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.5	16.4
85	62.4	32.3	96.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

Manual Integrations
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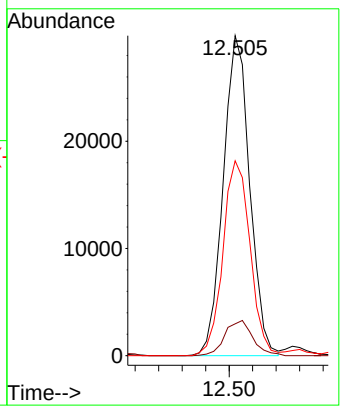
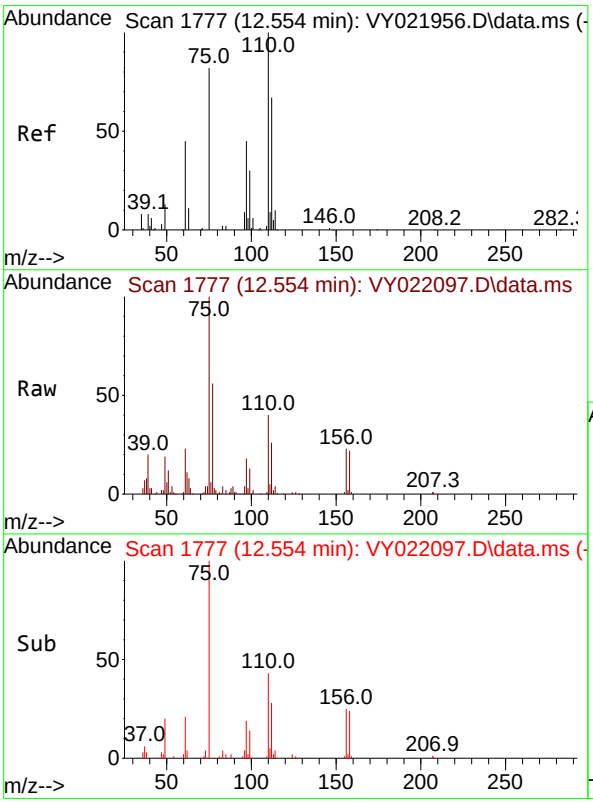
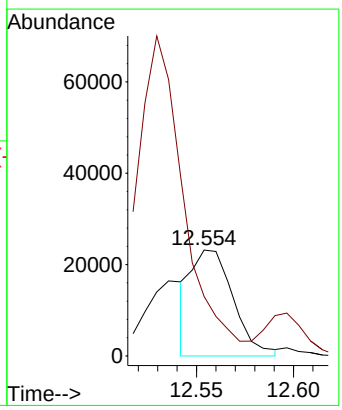


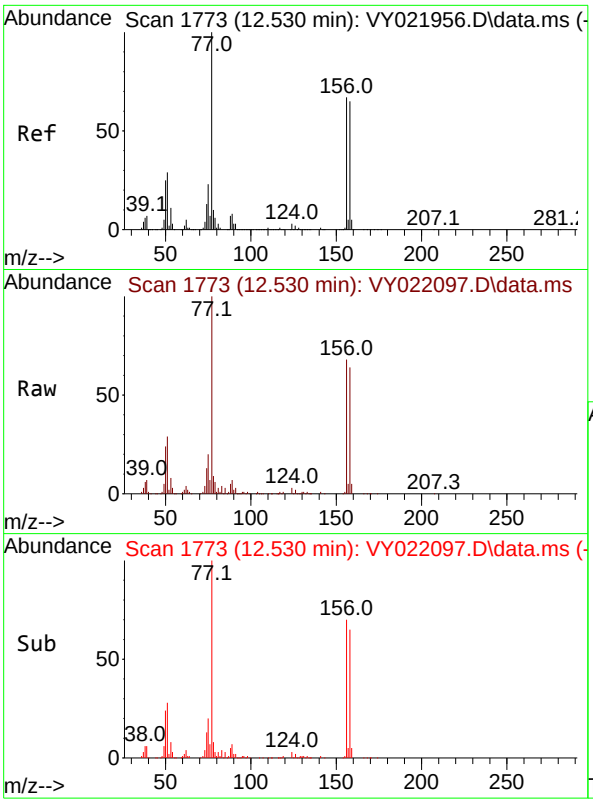


#76
1,2,3-Trichloropropane
Concen: 18.186 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 35111

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

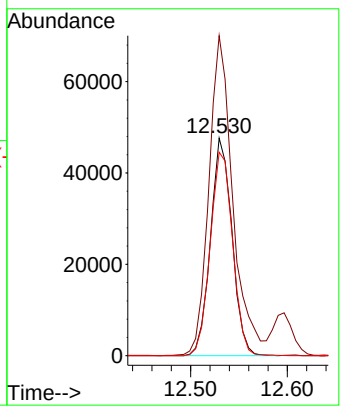




#77
Bromobenzene
Concen: 19.326 ug/l
RT: 12.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:156 Resp: 7354

Ion	Ratio	Lower	Upper
156	100		
77	162.7	82.7	248.1
158	97.4	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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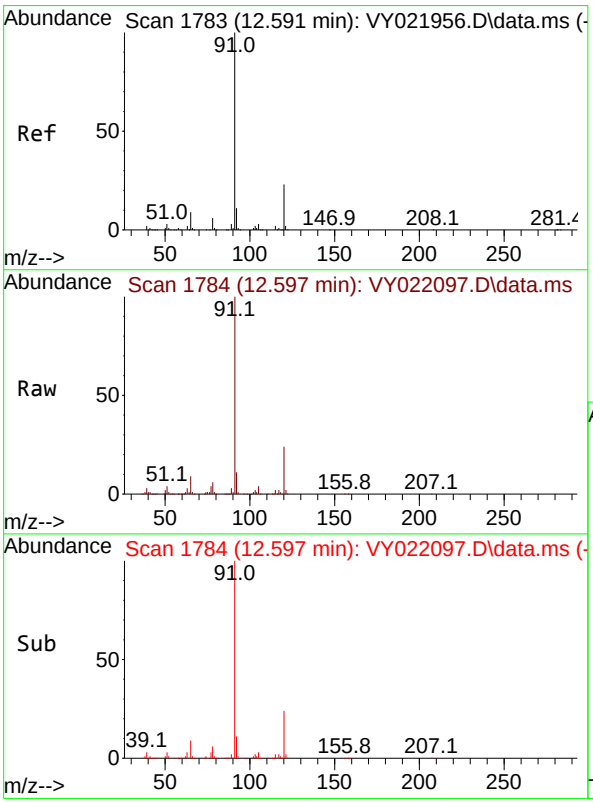
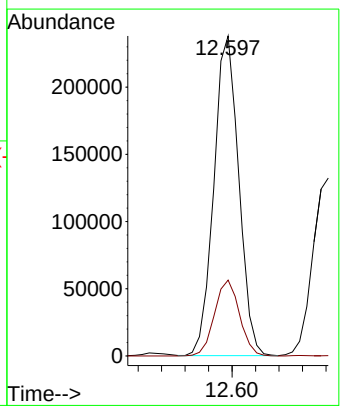
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

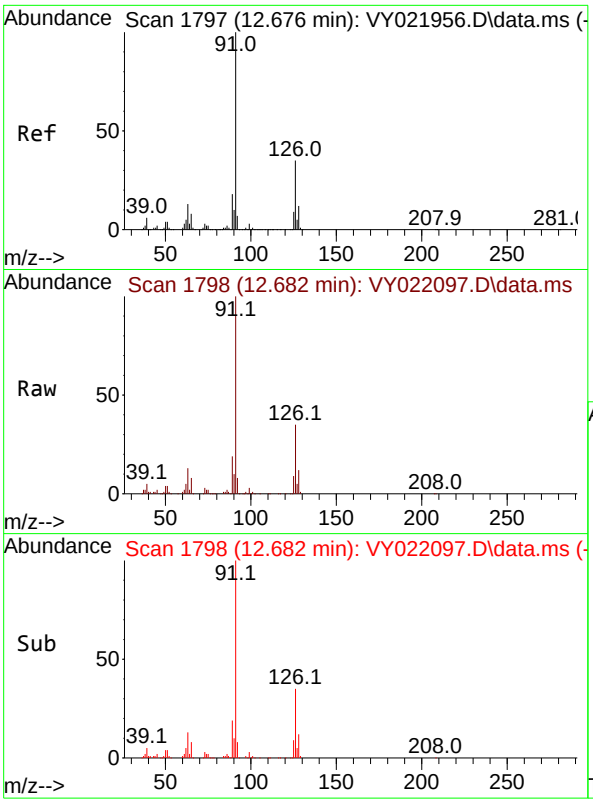


#78
n-propylbenzene
Concen: 19.510 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 91 Resp: 349898

Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.5

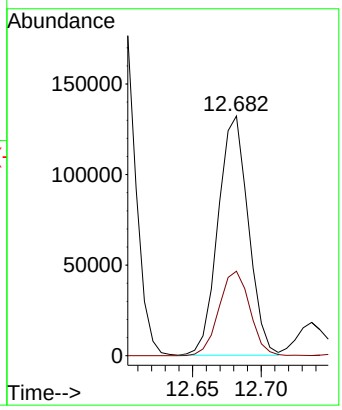




#79
2-Chlorotoluene
Concen: 19.494 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 91 Resp: 20332

Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.9	53.8



Instrument :
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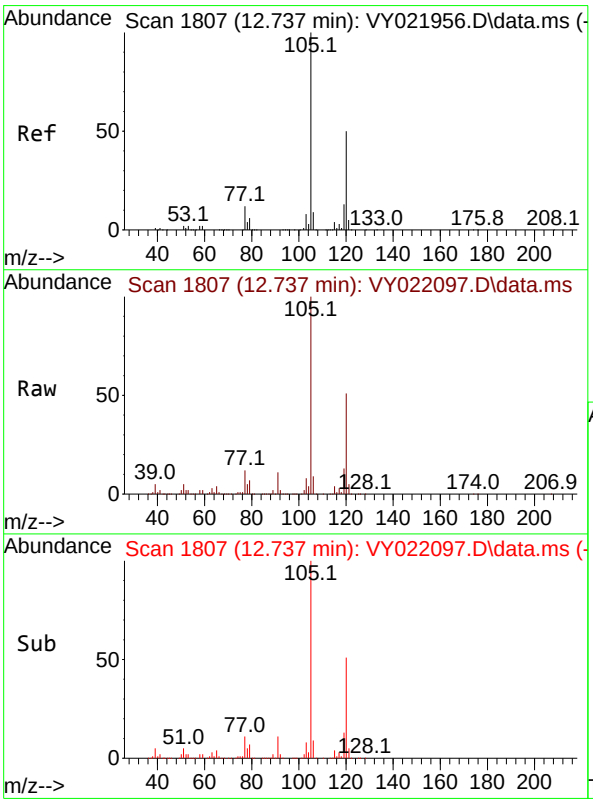
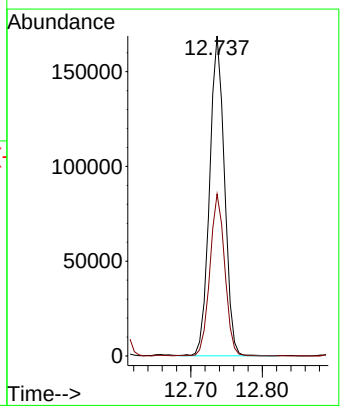
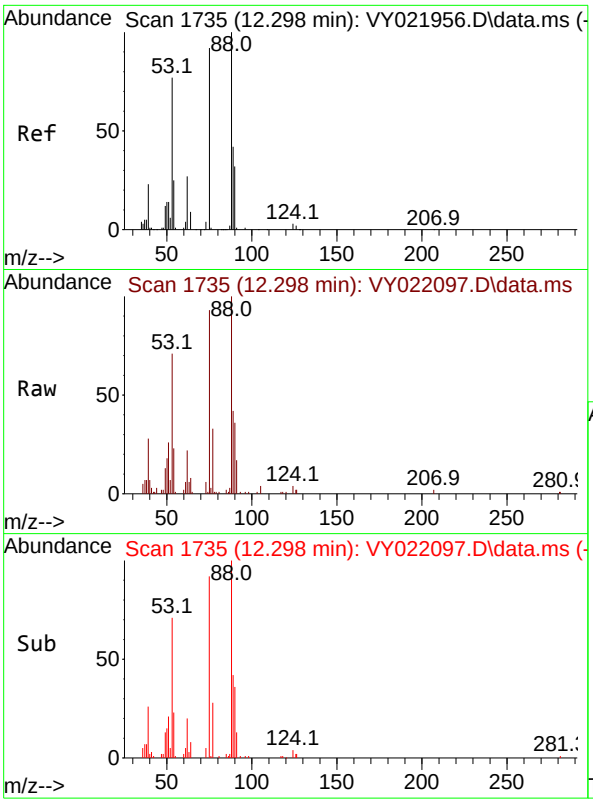


#80
1,3,5-Trimethylbenzene
Concen: 19.627 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:105 Resp: 243534

Ion	Ratio	Lower	Upper
105	100		
120	50.6	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 17.090 ug/l
RT: 12.298 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 1370

Ion	Ratio	Lower	Upper
75	100		
53	84.6	66.0	99.0
89	51.1	37.2	55.8

Instrument :
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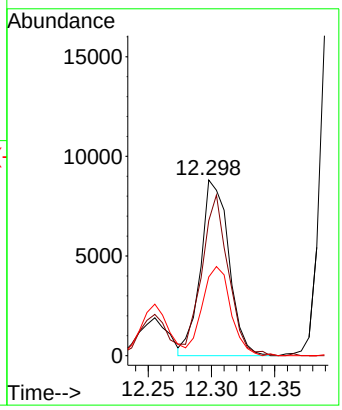
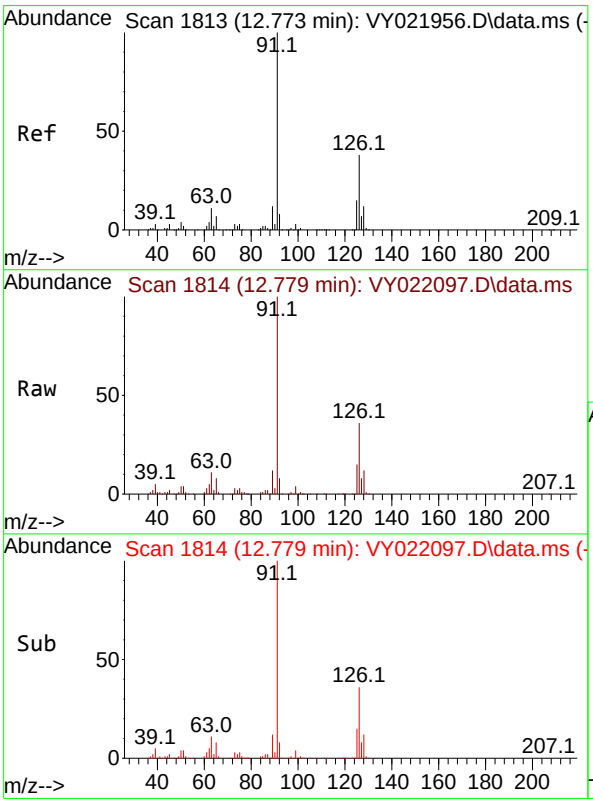
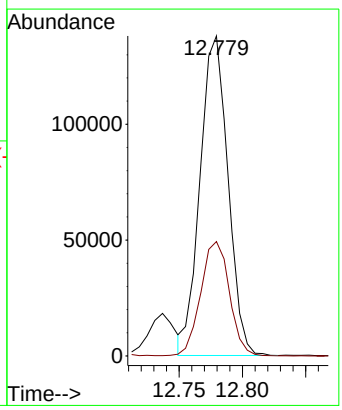


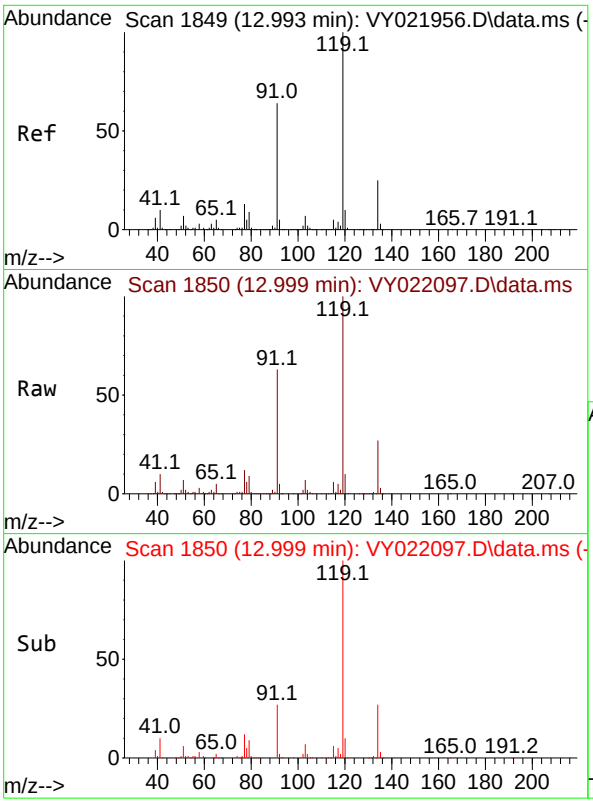


#82
4-Chlorotoluene
Concen: 19.539 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 91 Resp: 211849

Ion	Ratio	Lower	Upper
91	100		
126	36.9	17.9	53.8

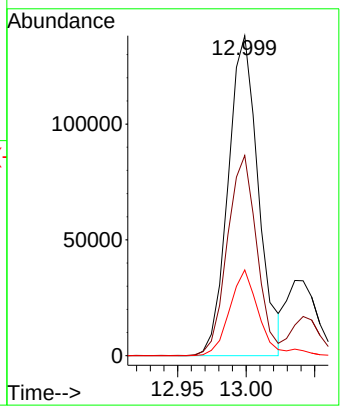




#83
tert-Butylbenzene
Concen: 19.015 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:119 Resp: 21160

Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.3	90.9
134	26.4	12.9	38.7



Instrument :
MSVOA_Y
ClientSampleId :
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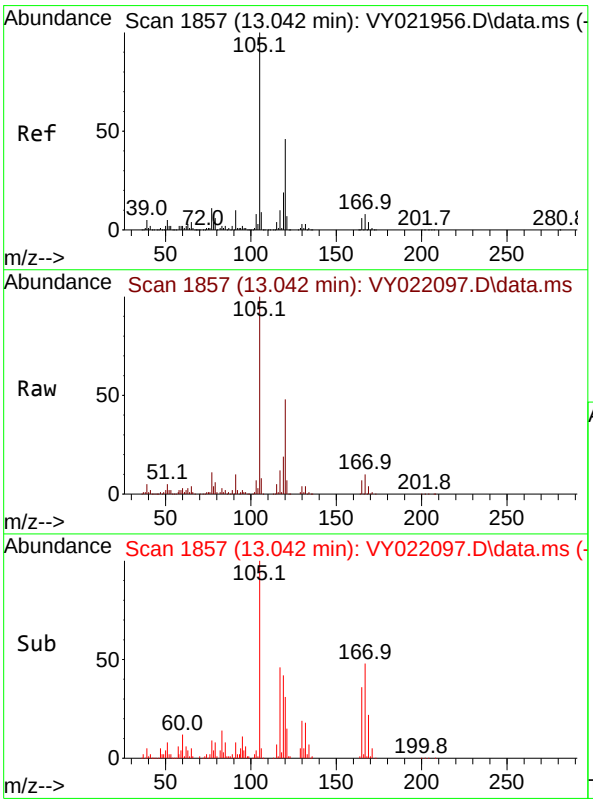
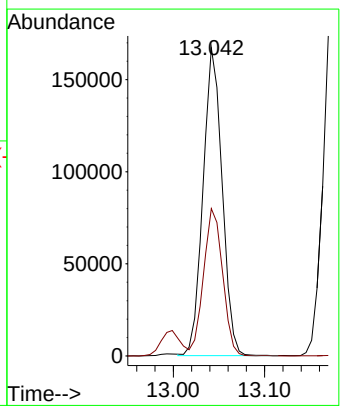
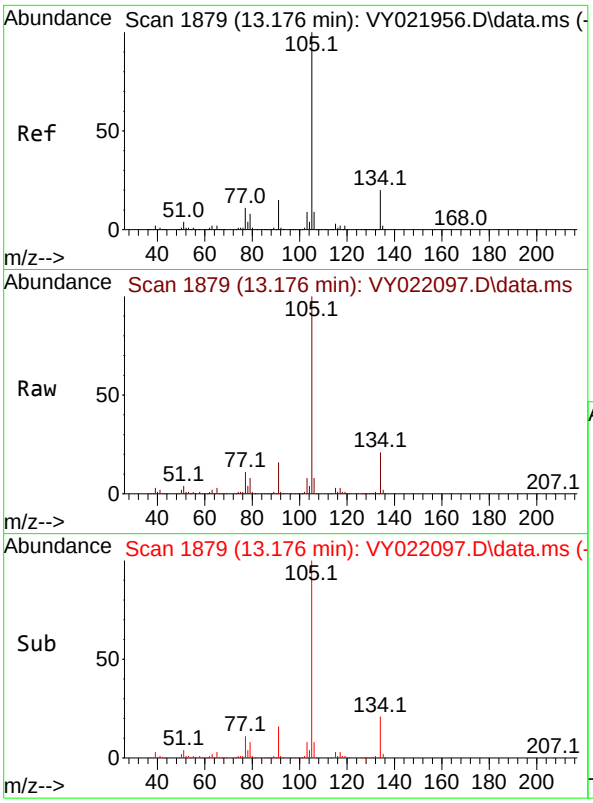


#84
1,2,4-Trimethylbenzene
Concen: 19.542 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:105 Resp: 242538

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.4	70.0

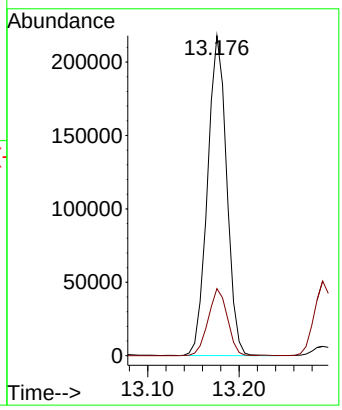




#85
sec-Butylbenzene
Concen: 19.438 ug/l
RT: 13.176 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:105 Resp: 31652

Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
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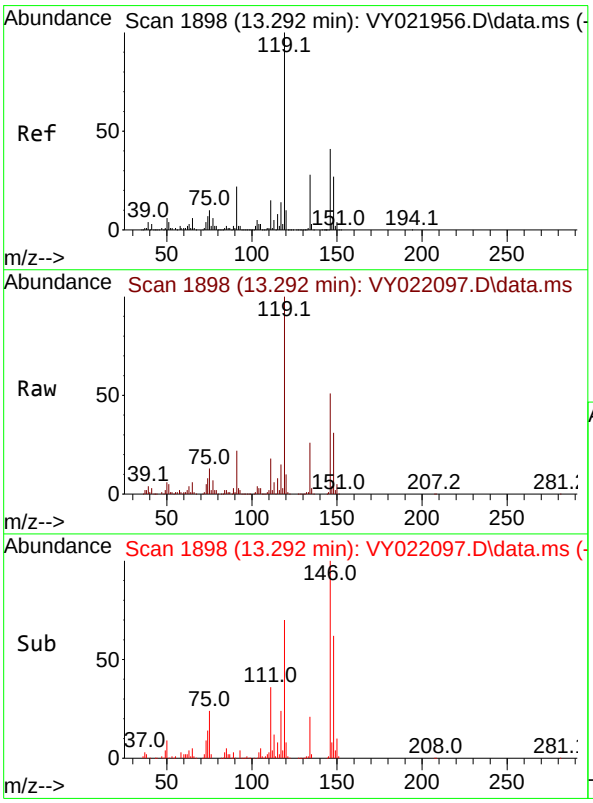
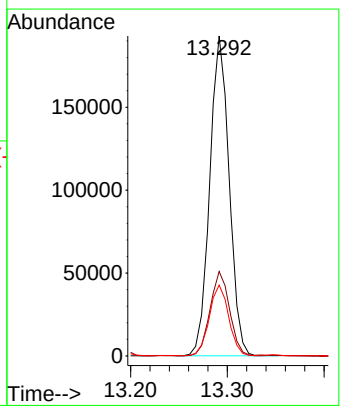
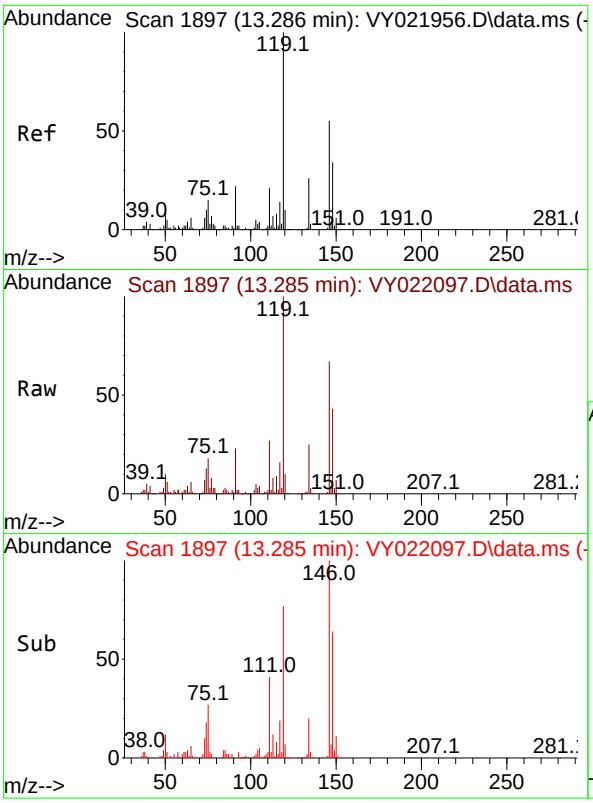


#86
p-Isopropyltoluene
Concen: 19.423 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:119 Resp: 268577

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.7
91	22.2	11.0	33.0

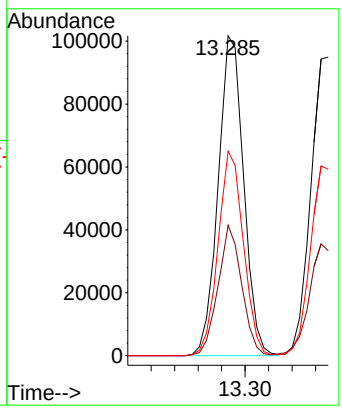




#87
1,3-Dichlorobenzene
Concen: 19.869 ug/l
RT: 13.285 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:146 Resp: 15356

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.5
148	63.6	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

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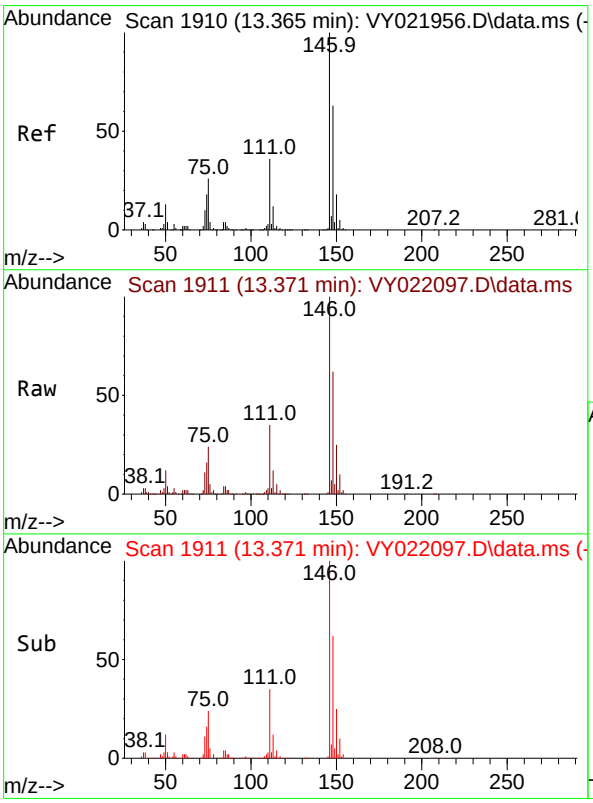
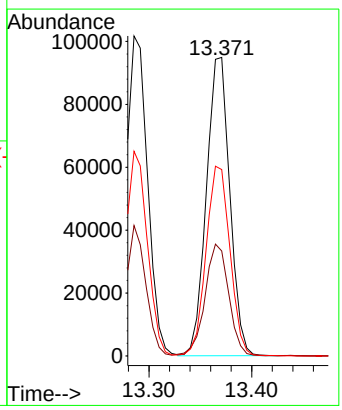
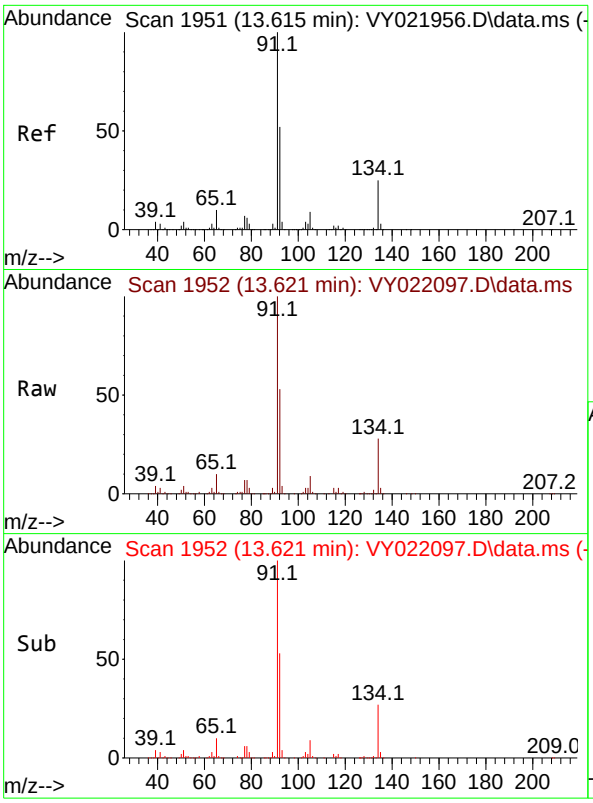


#88
1,4-Dichlorobenzene
Concen: 19.600 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:146 Resp: 150028

Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.2	57.6
148	65.1	32.0	96.0

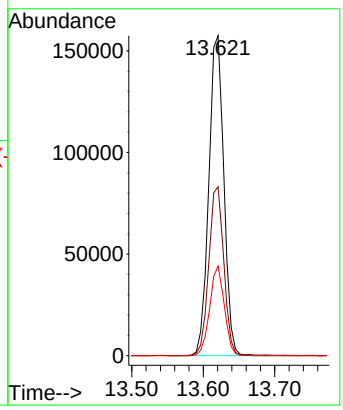




#89
n-Butylbenzene
Concen: 18.656 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 91 Resp: 23058

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.5	79.5
134	27.1	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
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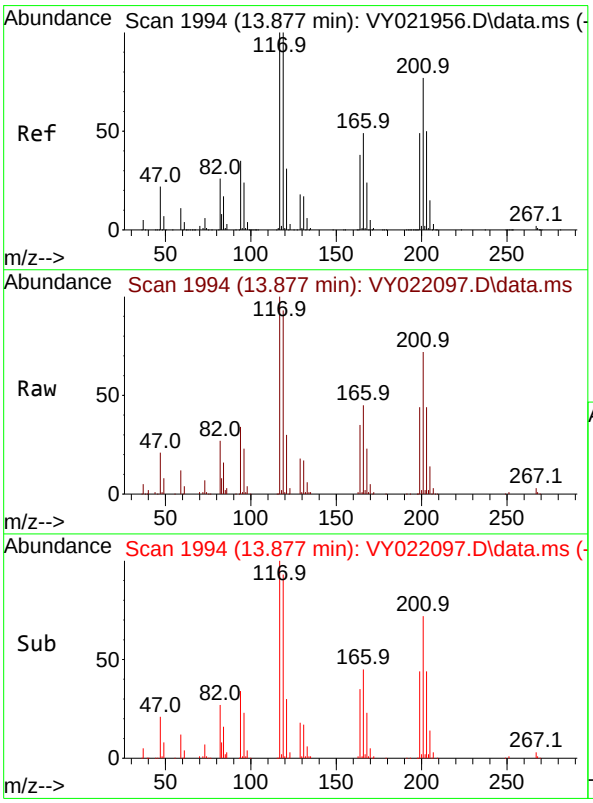
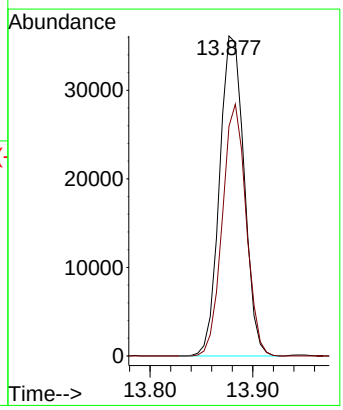
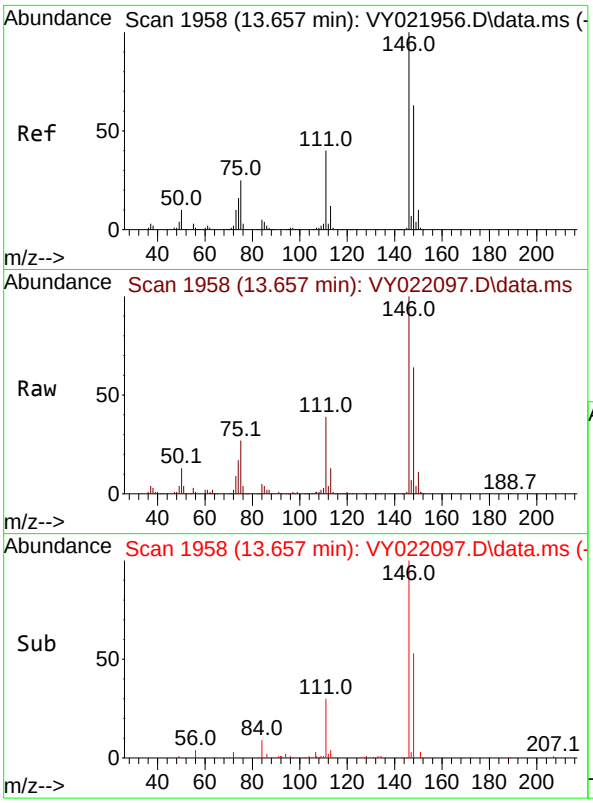


#90
Hexachloroethane
Concen: 19.723 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:117 Resp: 59920

Ion	Ratio	Lower	Upper
117	100		
201	76.1	38.7	116.1

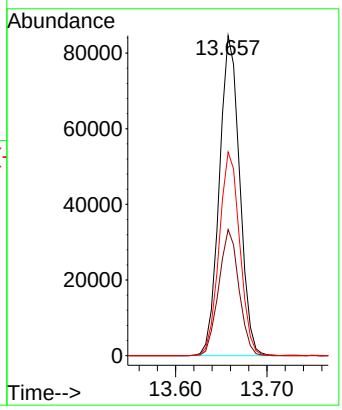




#91
1,2-Dichlorobenzene
Concen: 19.391 ug/l
RT: 13.657 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:146 Resp: 13071

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	64.6	32.1	96.3



Instrument :
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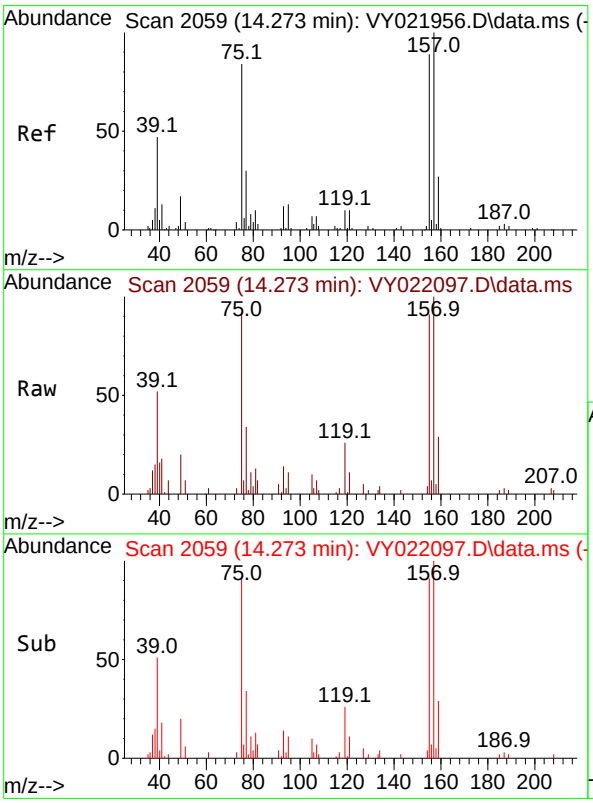
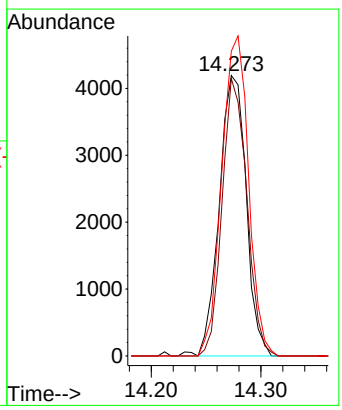
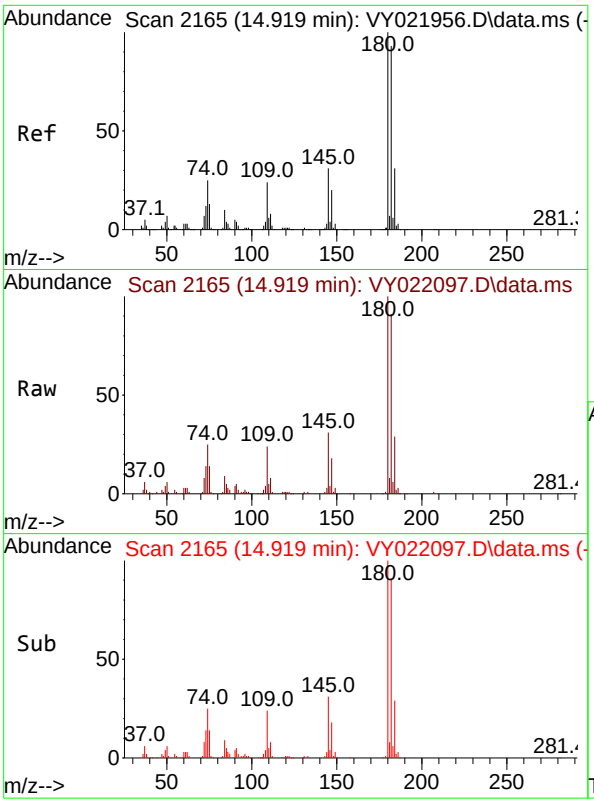


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.708 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion: 75 Resp: 7153

Ion	Ratio	Lower	Upper
75	100		
155	90.6	50.7	152.3
157	113.4	62.6	187.8





#93
1,2,4-Trichlorobenzene
Concen: 19.012 ug/l
RT: 14.919 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:180 Resp: 7262

Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.1	141.4
145	29.4	15.0	45.0

Instrument :
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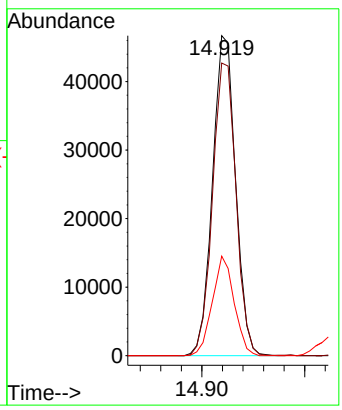
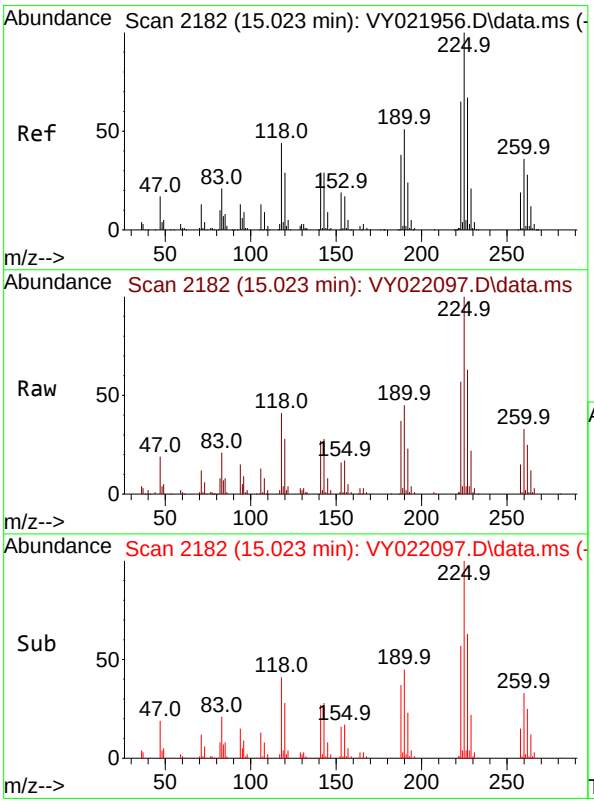
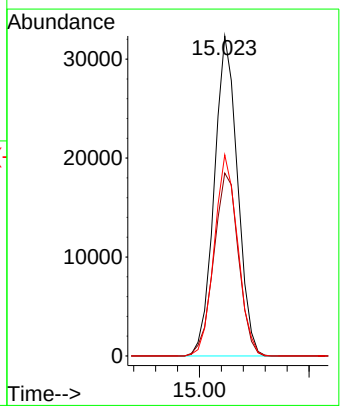


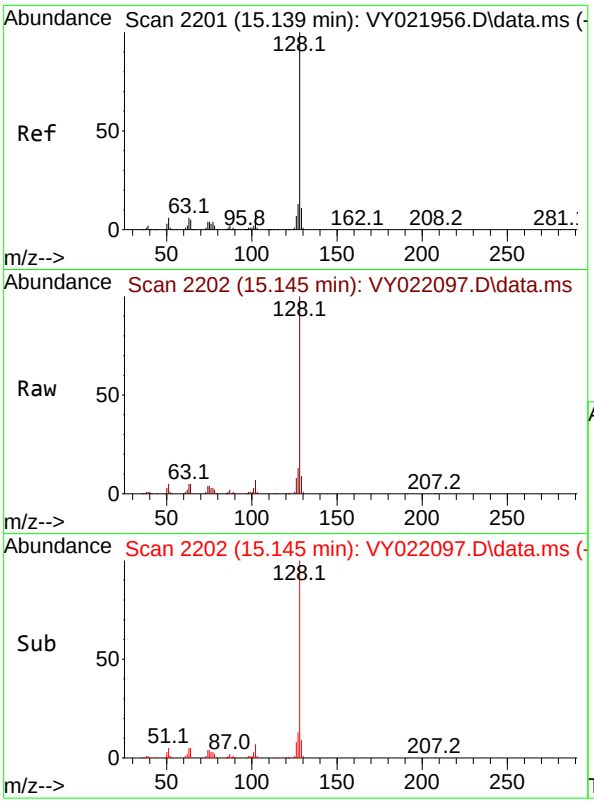


#94
Hexachlorobutadiene
Concen: 20.283 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:225 Resp: 47671

Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.9	95.5
227	63.3	32.3	96.9

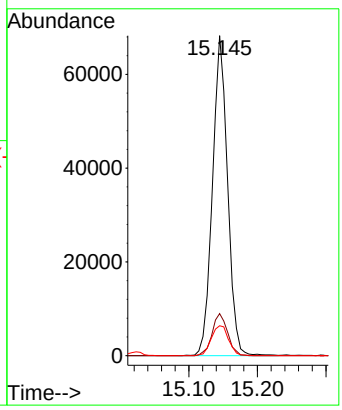




#95
Naphthalene
Concen: 16.425 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:128 Resp: 10422

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	10.7	8.9	13.3



Instrument :
MSVOA_Y
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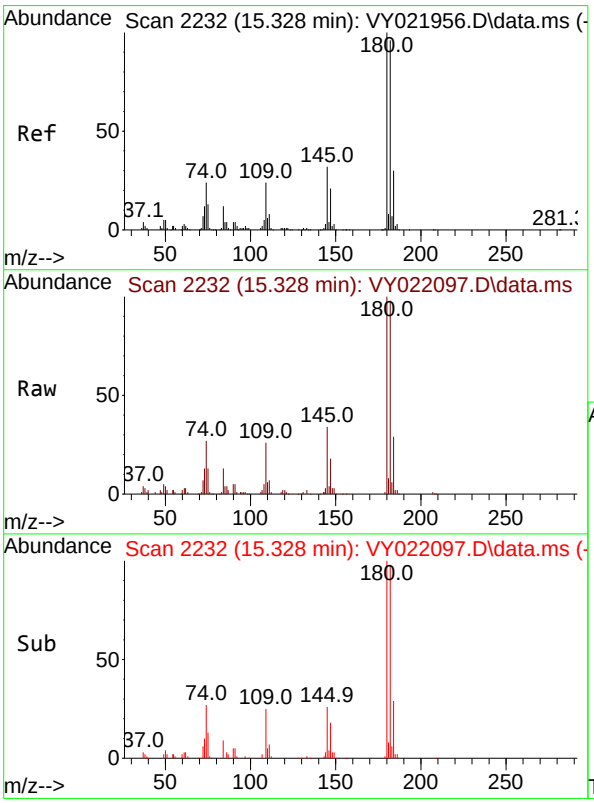
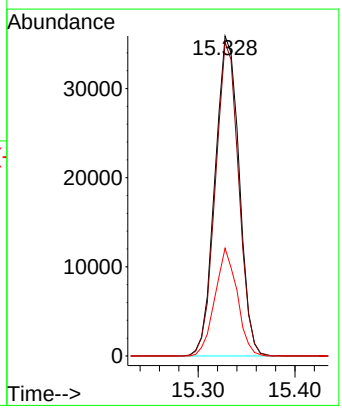
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.778 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY022097.D
Acq: 01 May 2025 10:42

Tgt Ion:180 Resp: 61917

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.1	144.4
145	31.1	16.0	48.0



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VY0506SBS01	SDG No.:	Q1914
Lab Sample ID:	VY0506SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022172.D	1		05/06/25 10:17	VY050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	21.3		0.79	5.00	ug/Kg
108-88-3	Toluene	21.4		0.78	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.3		0.67	5.00	ug/Kg
1330-20-7	Total Xylenes	61.9		2.02	15.0	ug/Kg
98-82-8	Isopropylbenzene	19.7		0.78	5.00	ug/Kg
103-65-1	n-propylbenzene	20.6		0.73	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	20.3		0.82	5.00	ug/Kg
98-06-6	tert-Butylbenzene	19.5		0.67	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	20.6		0.64	5.00	ug/Kg
135-98-8	sec-Butylbenzene	20.5		0.66	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	20.2		0.62	5.00	ug/Kg
104-51-8	n-Butylbenzene	20.0		1.50	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		63 - 155	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	50.8		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		38 - 136	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	7.713			
540-36-3	1,4-Difluorobenzene	345000	8.616			
3114-55-4	Chlorobenzene-d5	315000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	170000	13.347			

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_Y\Data\VY050625\
Data File : VY022172.D
Acq On : 06 May 2025 10:17
Operator : SY/MD
Sample : VY0506SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 04:31:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	219542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	344933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	170277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104562	51.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.120%			
35) Dibromofluoromethane	7.634	113	114262	50.141	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.280%			
50) Toluene-d8	10.109	98	436550	50.814	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.408	95	146232	50.562	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	35015	18.718	ug/l	93
3) Chloromethane	2.068	50	62815	23.582	ug/l	97
4) Vinyl Chloride	2.202	62	73388	22.420	ug/l	100
5) Bromomethane	2.592	94	71804	25.462	ug/l	99
6) Chloroethane	2.733	64	54144	24.288	ug/l	98
7) Trichlorofluoromethane	3.056	101	91145	21.116	ug/l	97
8) Diethyl Ether	3.458	74	21299	18.959	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.824	101	49562	21.167	ug/l	97
10) Methyl Iodide	4.007	142	49667	18.321	ug/l	98
11) Tert butyl alcohol	4.879	59	9787	87.911	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	44825	20.538	ug/l	96
13) Acrolein	3.659	56	10342	51.758	ug/l	98
14) Allyl chloride	4.385	41	53099	20.895	ug/l	98
15) Acrylonitrile	5.061	53	39578	96.230	ug/l	99
16) Acetone	3.873	43	33886	116.235	ug/l	93
17) Carbon Disulfide	4.104	76	140631	20.209	ug/l	100
18) Methyl Acetate	4.385	43	21063	22.236	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	94642	19.375	ug/l	98
20) Methylene Chloride	4.610	84	55892	21.797	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	50071	20.485	ug/l	97
22) Diisopropyl ether	6.025	45	123033	21.755	ug/l	97
23) Vinyl Acetate	5.964	43	308743	101.299	ug/l	99
24) 1,1-Dichloroethane	5.921	63	85218	21.739	ug/l	96
25) 2-Butanone	6.897	43	47731	103.259	ug/l	93
26) 2,2-Dichloropropane	6.884	77	75342	21.929	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	56432	20.648	ug/l	98
28) Bromochloromethane	7.244	49	31283	20.546	ug/l	97
29) Tetrahydrofuran	7.268	42	28956	96.450	ug/l	98
30) Chloroform	7.421	83	94557	21.746	ug/l	99
31) Cyclohexane	7.701	56	70466	21.021	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	82948	21.086	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65457	21.384	ug/l	97
37) Ethyl Acetate	6.982	43	21690	19.729	ug/l	99
38) Carbon Tetrachloride	7.823	117	76460	20.904	ug/l	98
39) Methylcyclohexane	9.110	83	78200	20.300	ug/l	92
40) Benzene	8.085	78	203440	21.261	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022172.D
Acq On : 06 May 2025 10:17
Operator : SY/MD
Sample : VY0506SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 04:31:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.232	41	11003	18.308 ug/l		98
42) 1,2-Dichloroethane	8.159	62	50500	21.316 ug/l		99
43) Isopropyl Acetate	8.201	43	41006	19.422 ug/l		97
44) Trichloroethene	8.866	130	55269	20.853 ug/l		98
45) 1,2-Dichloropropane	9.146	63	45808	21.648 ug/l		96
46) Dibromomethane	9.231	93	26726	20.176 ug/l		99
47) Bromodichloromethane	9.427	83	70381	21.268 ug/l		99
48) Methyl methacrylate	9.225	41	18959	19.425 ug/l		98
49) 1,4-Dioxane	9.231	88	5032	356.410 ug/l		98
51) 4-Methyl-2-Pentanone	10.000	43	108514	98.047 ug/l		97
52) Toluene	10.170	92	132721	21.428 ug/l		99
53) t-1,3-Dichloropropene	10.396	75	56873	20.037 ug/l		99
54) cis-1,3-Dichloropropene	9.859	75	71187	21.098 ug/l		96
55) 1,1,2-Trichloroethane	10.573	97	36899	20.854 ug/l		96
56) Ethyl methacrylate	10.445	69	36962	18.267 ug/l		95
57) 1,3-Dichloropropane	10.719	76	57618	20.312 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	96192	97.230 ug/l		96
59) 2-Hexanone	10.762	43	71355	97.747 ug/l		95
60) Dibromochloromethane	10.914	129	49782	20.321 ug/l		99
61) 1,2-Dibromoethane	11.018	107	32600	19.516 ug/l		96
64) Tetrachloroethene	10.652	164	62215	20.946 ug/l		97
65) Chlorobenzene	11.445	112	144595	20.536 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	51488	20.771 ug/l		98
67) Ethyl Benzene	11.524	91	233376	20.262 ug/l		100
68) m/p-Xylenes	11.633	106	190516	41.568 ug/l		99
69) o-Xylene	11.957	106	85905	20.336 ug/l		98
70) Styrene	11.969	104	144849	20.422 ug/l		99
71) Bromoform	12.133	173	27785	19.279 ug/l	#	100
73) Isopropylbenzene	12.255	105	224663	19.748 ug/l		99
74) N-amyl acetate	12.072	43	35576	18.202 ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37799	19.707 ug/l		100
76) 1,2,3-Trichloropropane	12.560	75	29433m	20.180 ug/l		
77) Bromobenzene	12.536	156	56402	19.621 ug/l		97
78) n-propylbenzene	12.597	91	278758	20.576 ug/l		100
79) 2-Chlorotoluene	12.682	91	157549	19.996 ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	190512	20.325 ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	11866	19.592 ug/l		98
82) 4-Chlorotoluene	12.780	91	172094	21.012 ug/l		97
83) tert-Butylbenzene	12.999	119	163812	19.486 ug/l		97
84) 1,2,4-Trimethylbenzene	13.042	105	192841	20.568 ug/l		98
85) sec-Butylbenzene	13.176	105	252274	20.508 ug/l		99
86) p-Isopropyltoluene	13.292	119	210881	20.188 ug/l		98
87) 1,3-Dichlorobenzene	13.286	146	117918	20.197 ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	117834	20.378 ug/l		99
89) n-Butylbenzene	13.621	91	186449	19.969 ug/l		100
90) Hexachloroethane	13.883	117	47427	20.665 ug/l		96
91) 1,2-Dichlorobenzene	13.658	146	102702	20.168 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5658	18.542 ug/l		82
93) 1,2,4-Trichlorobenzene	14.919	180	52876	18.324 ug/l		100
94) Hexachlorobutadiene	15.023	225	34398	19.374 ug/l		98
95) Naphthalene	15.145	128	76873	16.037 ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	44854	18.007 ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022172.D
Acq On : 06 May 2025 10:17
Operator : SY/MD
Sample : VY0506SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 04:31:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022172.D
Acq On : 06 May 2025 10:17
Operator : SY/MD
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Quant Time: May 07 04:31:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations APPROVED

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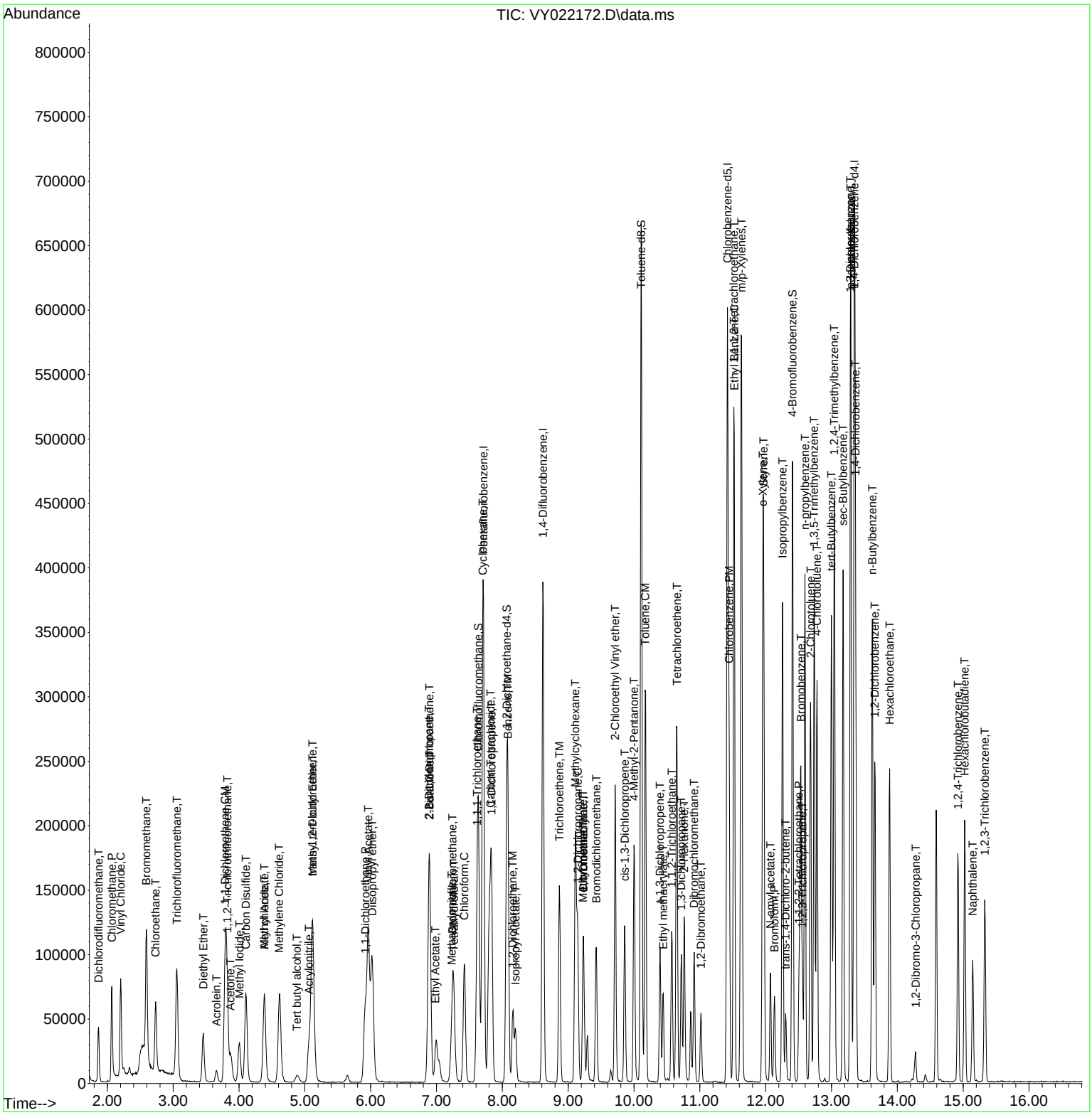
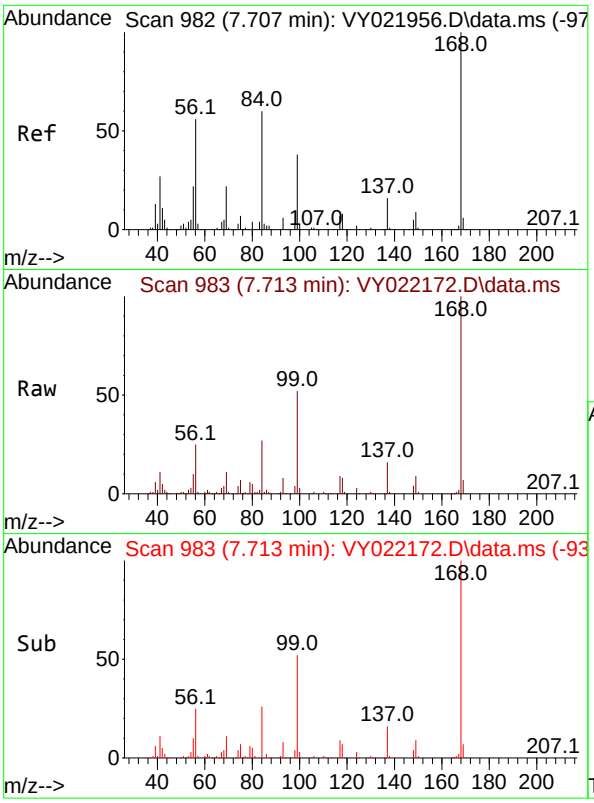
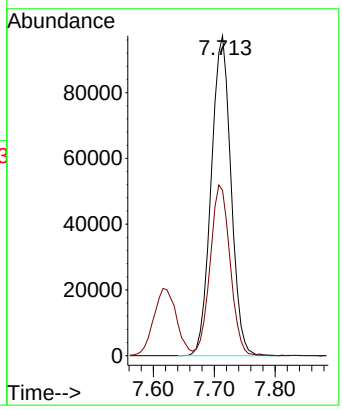




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:168 Resp: 21954

Ion	Ratio	Lower	Upper
168	100		
99	51.7	43.1	64.7



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

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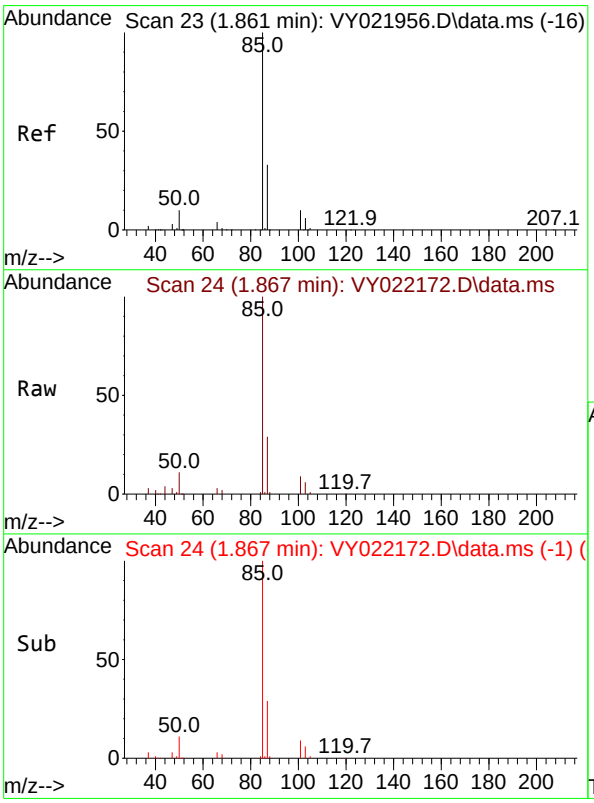
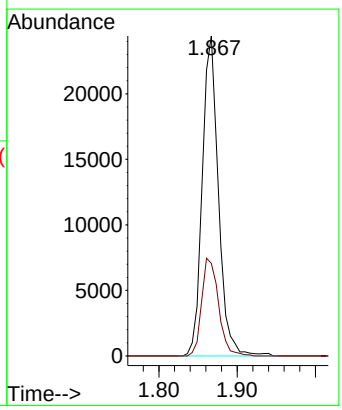
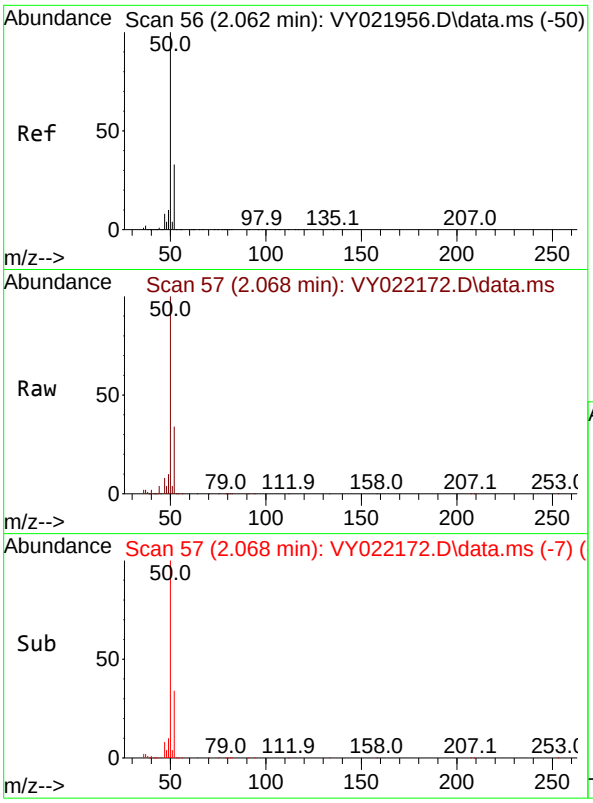


#2
Dichlorodifluoromethane
Concen: 18.718 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 85 Resp: 35015

Ion	Ratio	Lower	Upper
85	100		
87	28.9	16.6	49.7

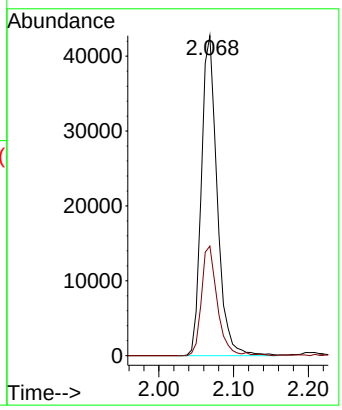




#3
Chloromethane
Concen: 23.582 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 50 Resp: 6281

Ion	Ratio	Lower	Upper
50	100		
52	34.3	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
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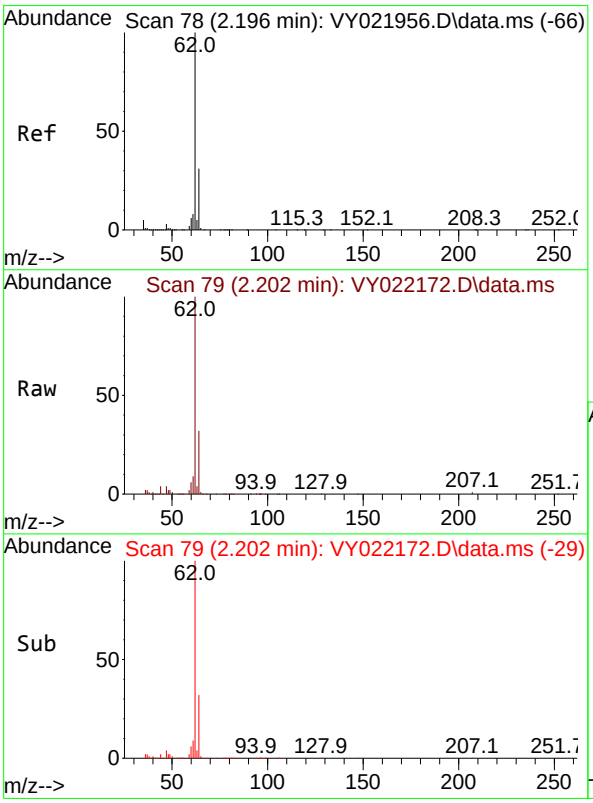
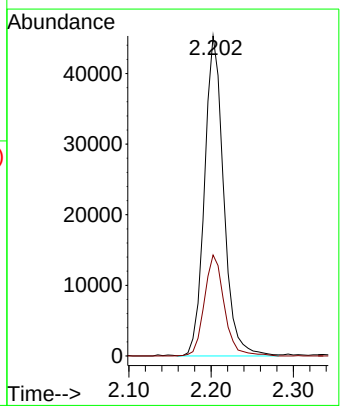
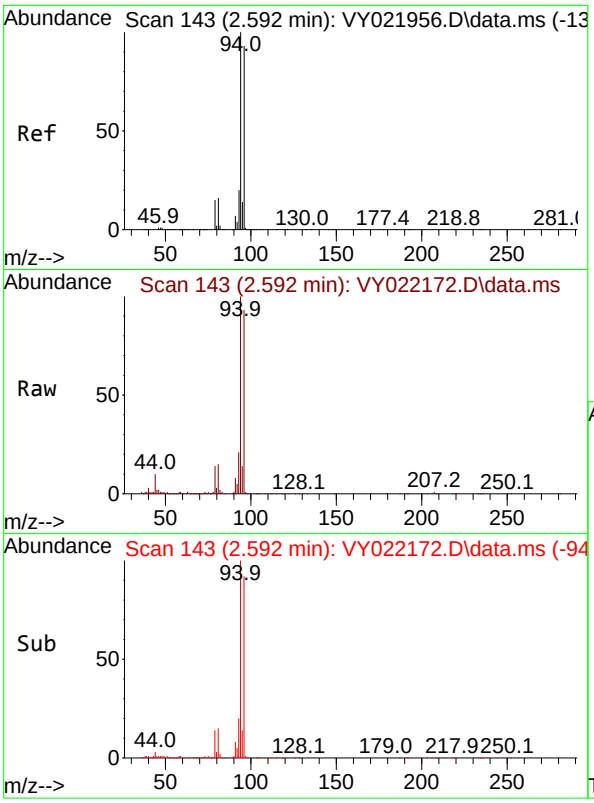


#4
Vinyl Chloride
Concen: 22.420 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 62 Resp: 73388

Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.1	37.7





#5
Bromomethane
Concen: 25.462 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 94 Resp: 7180

Ion	Ratio	Lower	Upper
94	100		
96	92.2	74.6	111.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
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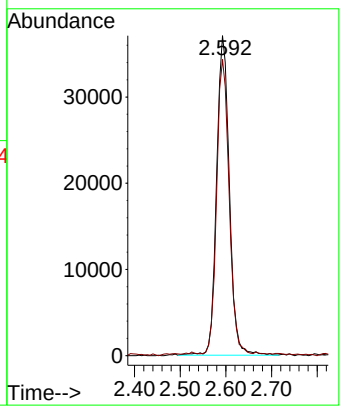
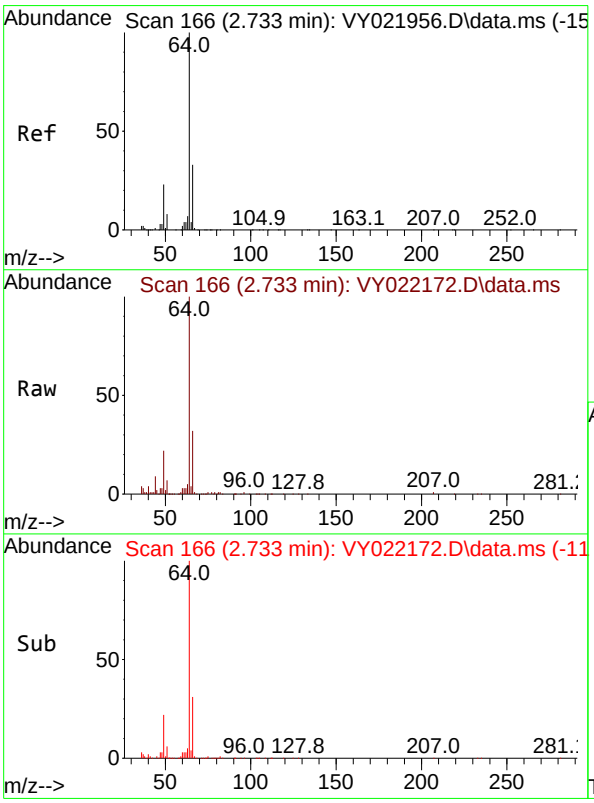
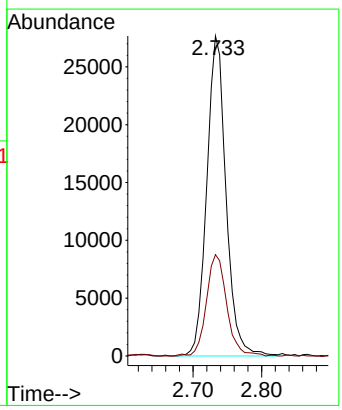


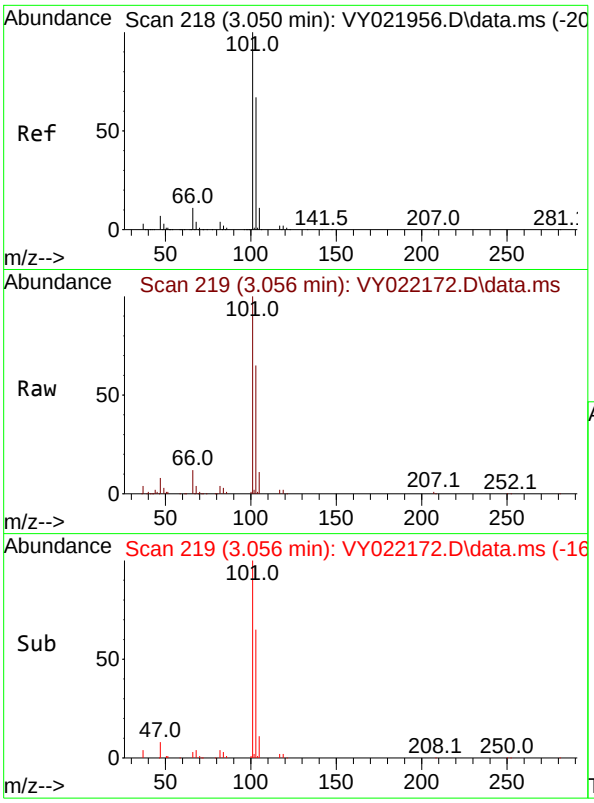


#6
Chloroethane
Concen: 24.288 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 64 Resp: 54144

Ion	Ratio	Lower	Upper
64	100		
66	31.7	26.2	39.4

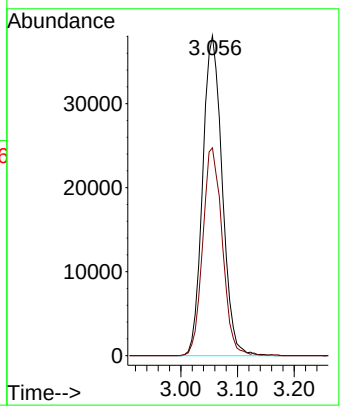




#7
Trichlorofluoromethane
Concen: 21.116 ug/l
RT: 3.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:101 Resp: 9114

Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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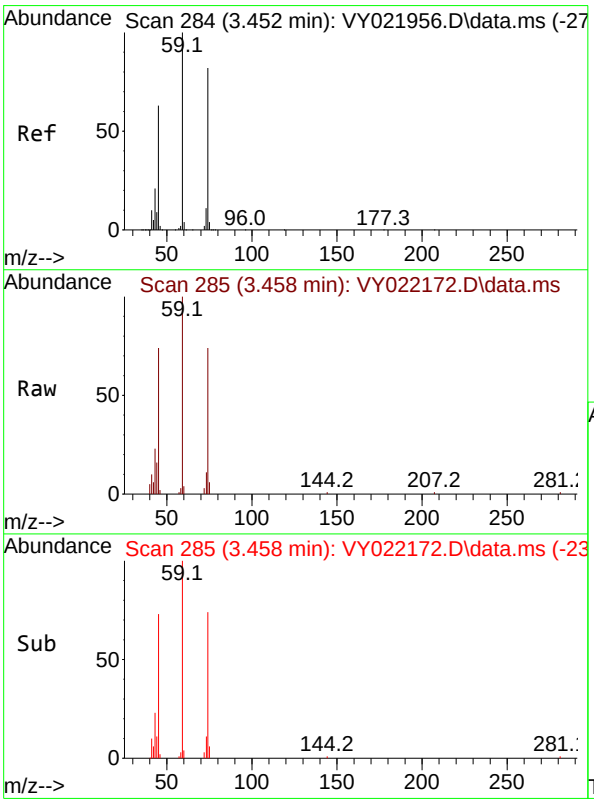
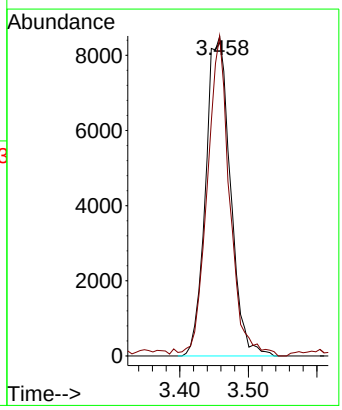
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

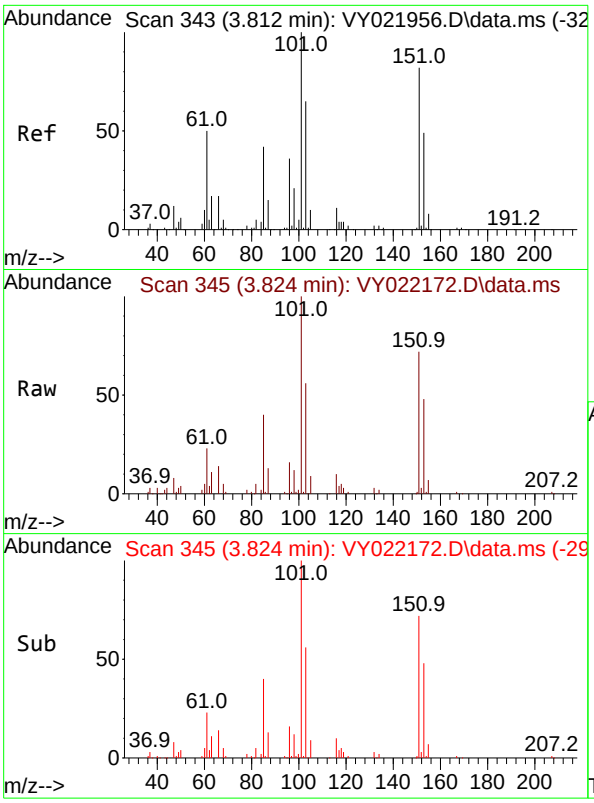


#8
Diethyl Ether
Concen: 18.959 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 74 Resp: 21299

Ion	Ratio	Lower	Upper
74	100		
45	91.0	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.167 ug/l
RT: 3.824 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:101 Resp: 4956

Ion	Ratio	Lower	Upper
101	100		
85	44.7	34.6	51.8
151	77.3	63.7	95.5

Instrument :
MSVOA_Y
ClientSampleId :
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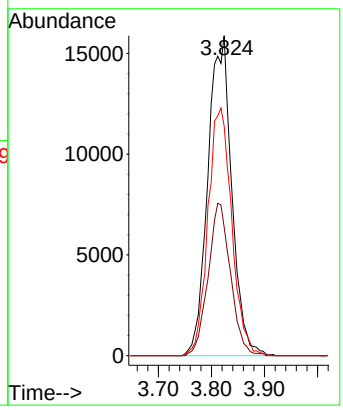
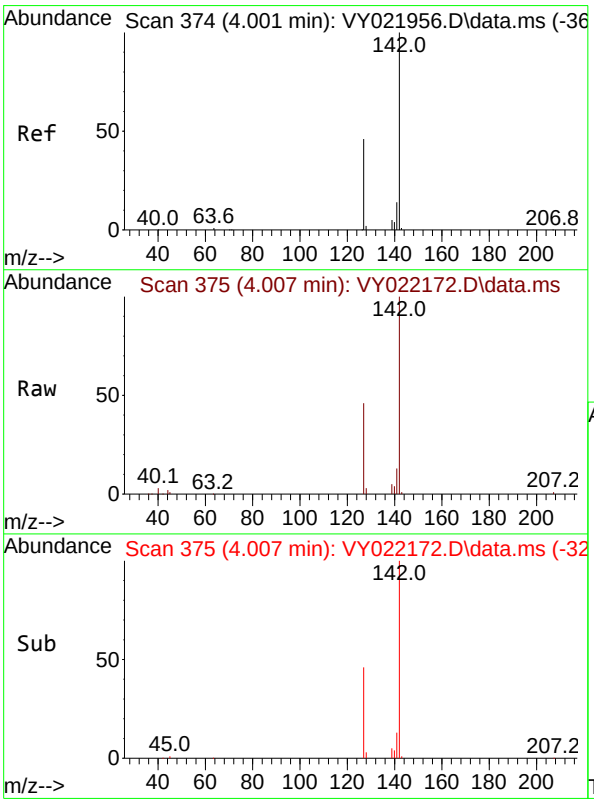
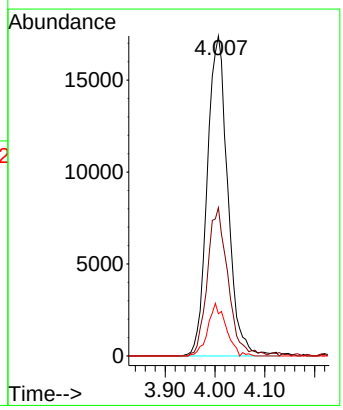


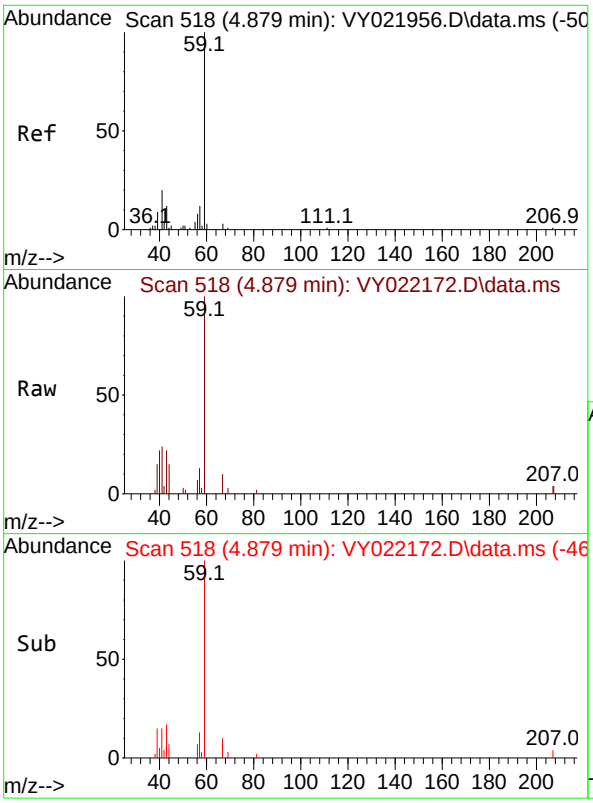


#10
Methyl Iodide
Concen: 18.321 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:142 Resp: 49667

Ion	Ratio	Lower	Upper
142	100		
127	46.4	36.2	54.2
141	14.7	11.7	17.5





#11
Tert butyl alcohol
Concen: 87.911 ug/l
RT: 4.879 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 59 Resp: 978

Ion	Ratio	Lower	Upper
59	100		
57	8.5	9.3	13.9#

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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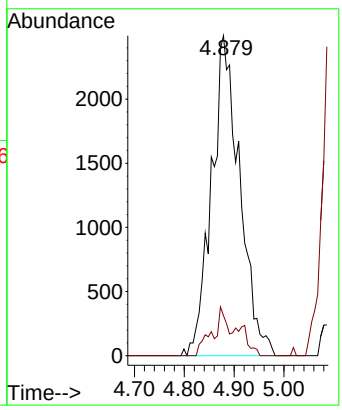
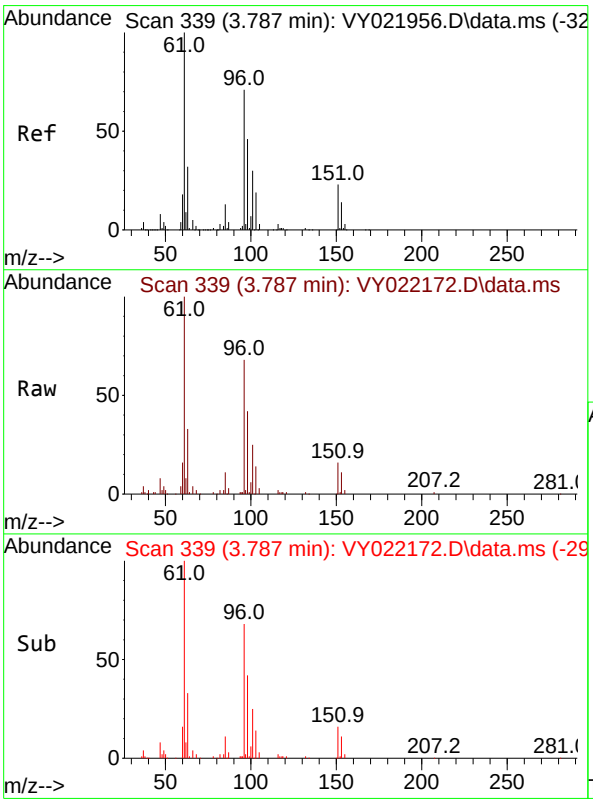
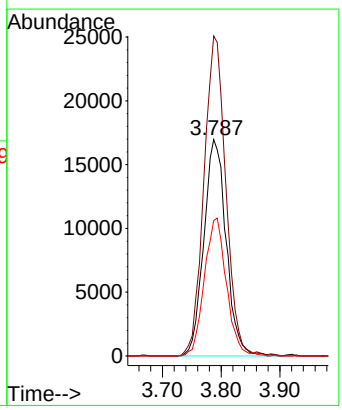


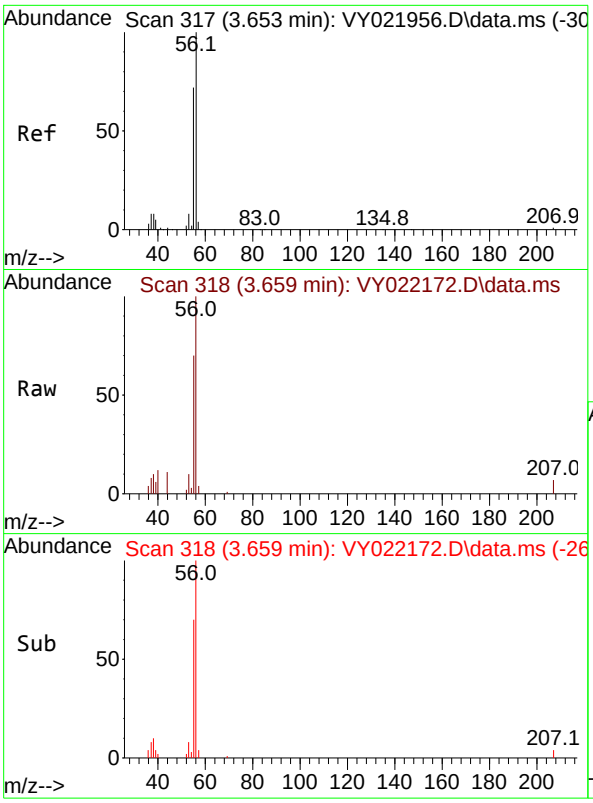


#12
1,1-Dichloroethene
Concen: 20.538 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 96 Resp: 44825

Ion	Ratio	Lower	Upper
96	100		
61	147.8	113.0	169.4
98	62.6	51.4	77.2

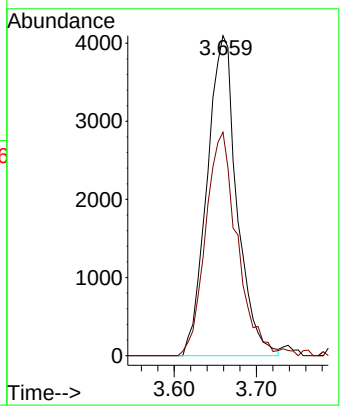




#13
Acrolein
Concen: 51.758 ug/l
RT: 3.659 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 56 Resp: 1034

Ion	Ratio	Lower	Upper
56	100		
55	73.6	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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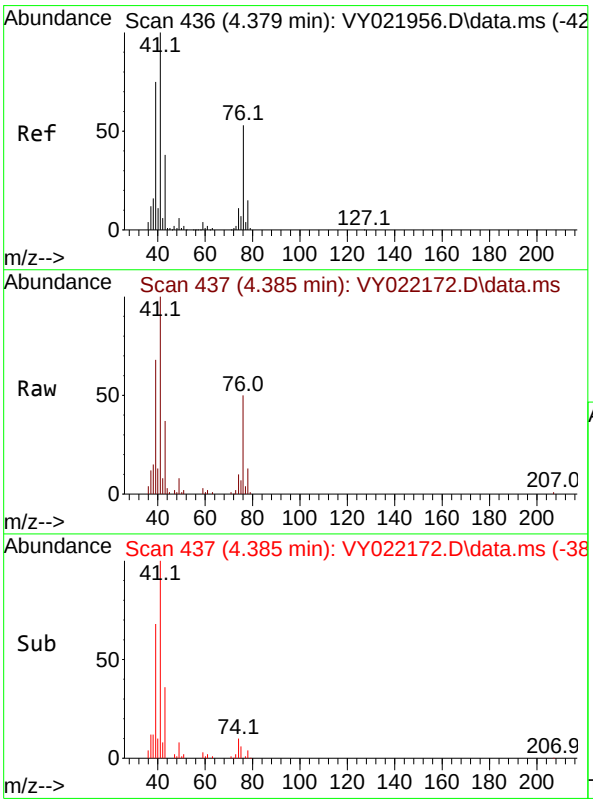
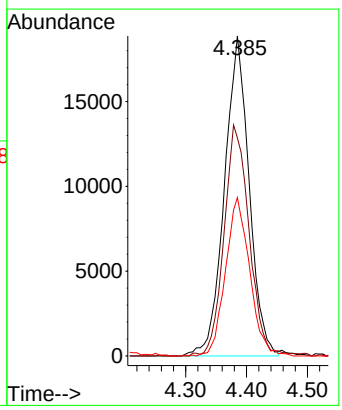
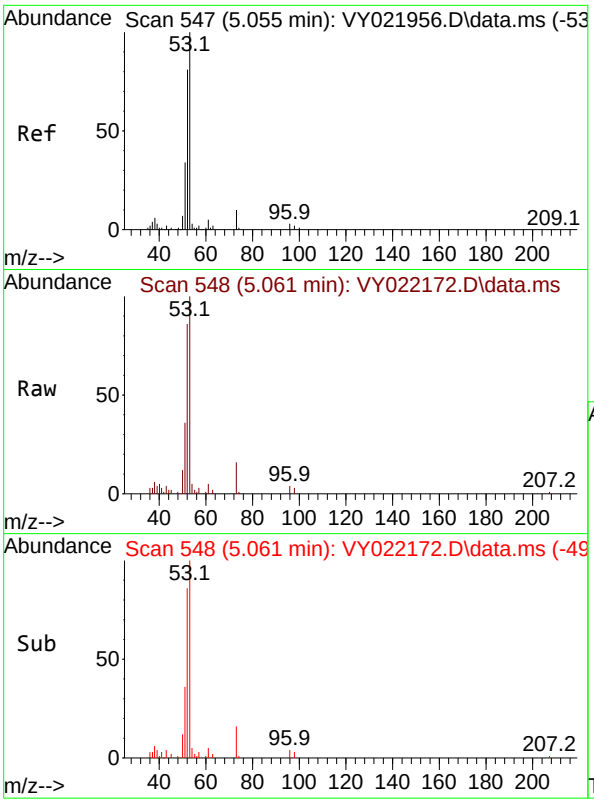


#14
Allyl chloride
Concen: 20.895 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 41 Resp: 53099

Ion	Ratio	Lower	Upper
41	100		
39	73.4	57.2	85.8
76	48.6	39.7	59.5

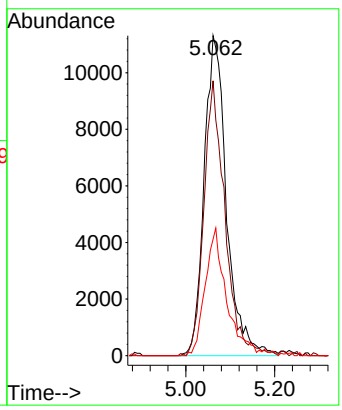




#15
Acrylonitrile
Concen: 96.230 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 53 Resp: 3957

Ion	Ratio	Lower	Upper
53	100		
52	81.0	65.0	97.6
51	38.0	28.9	43.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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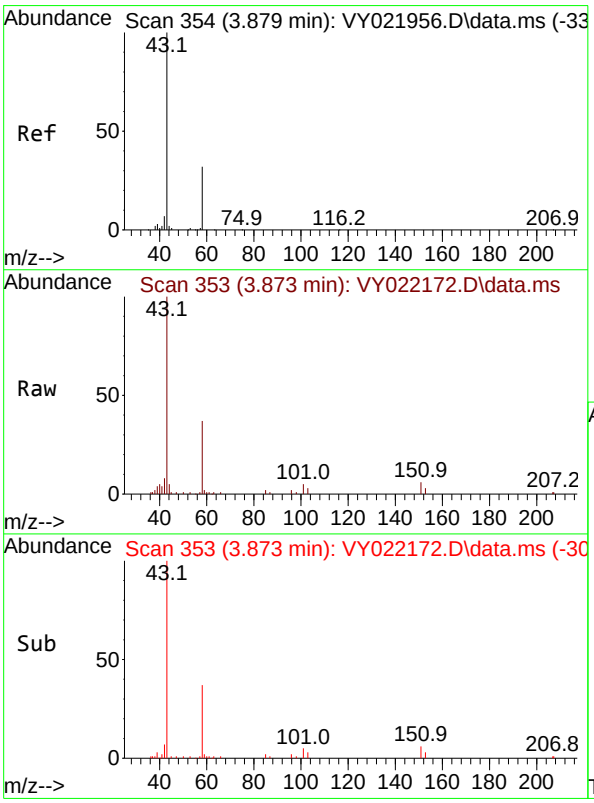
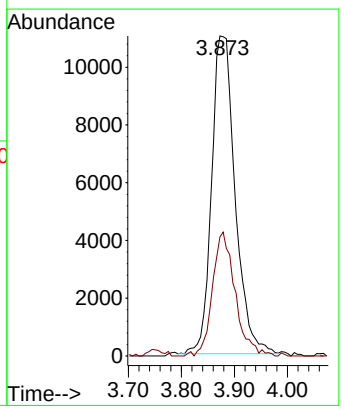
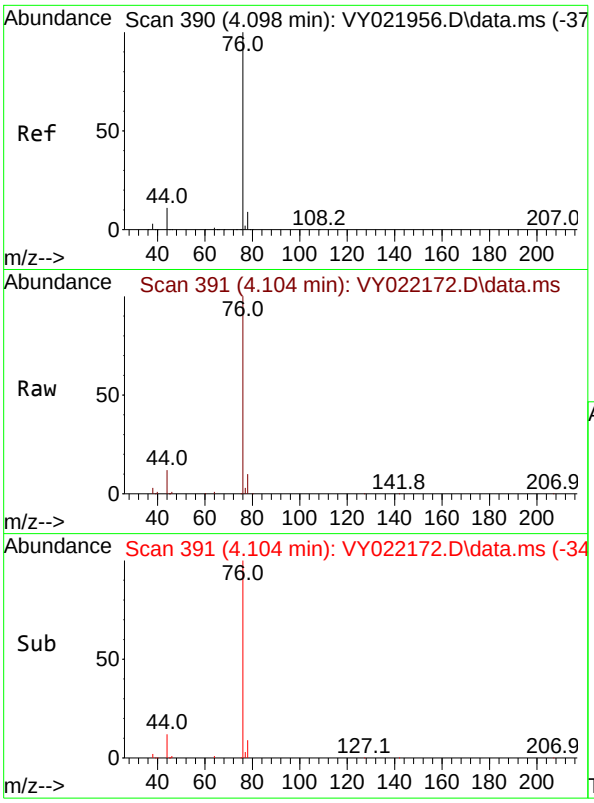


#16
Acetone
Concen: 116.235 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 33886

Ion	Ratio	Lower	Upper
43	100		
58	37.5	27.0	40.4

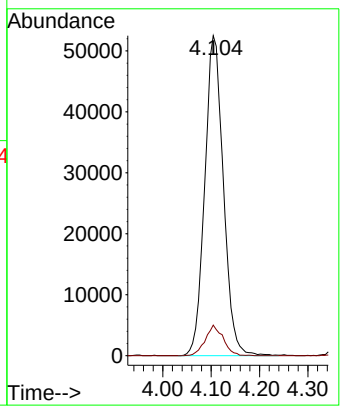




#17
Carbon Disulfide
Concen: 20.209 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 76 Resp: 14063

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.6	11.4



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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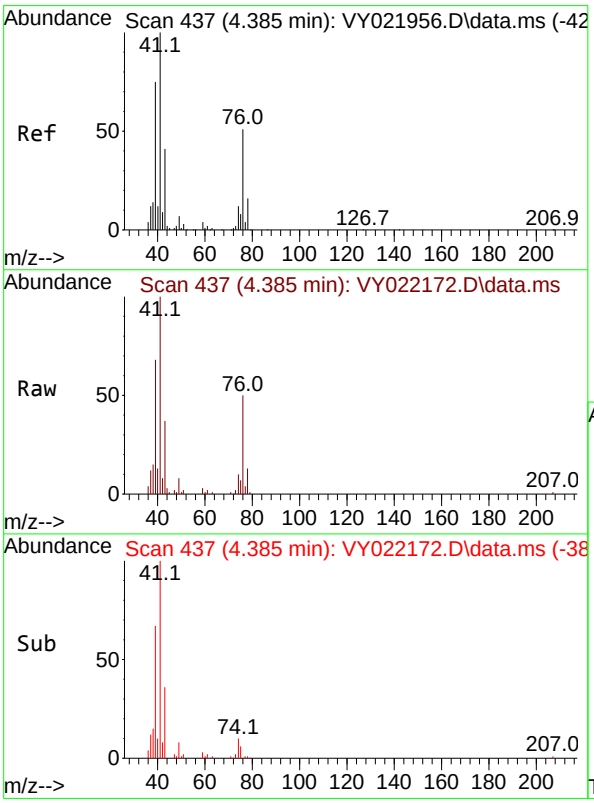
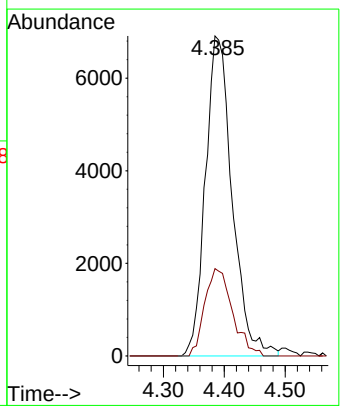
Supervised By :Semsettin Yesilyurt 05/07/2025

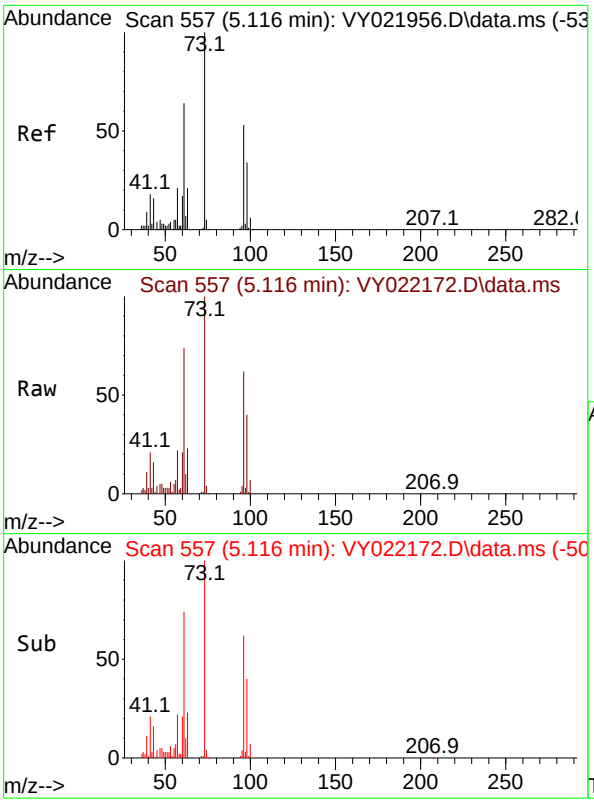


#18
Methyl Acetate
Concen: 22.236 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 21063

Ion	Ratio	Lower	Upper
43	100		
74	28.2	24.2	36.4





#19
Methyl tert-butyl Ether
Concen: 19.375 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 73 Resp: 9464

Ion	Ratio	Lower	Upper
73	100		
57	22.0	16.9	25.3

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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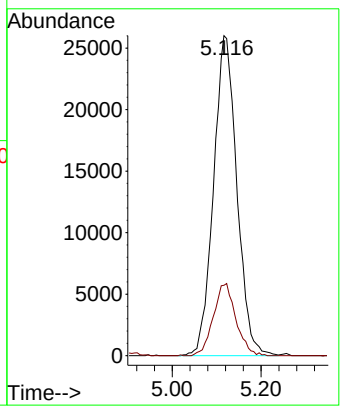
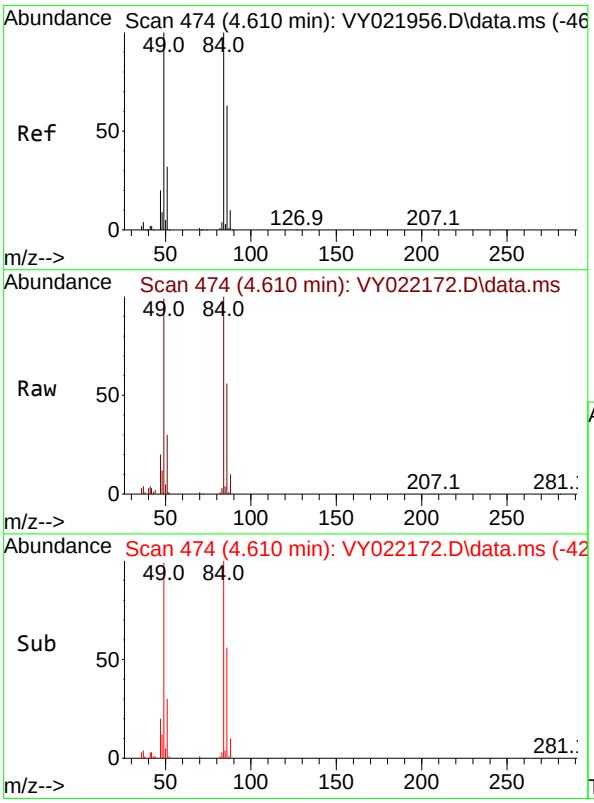
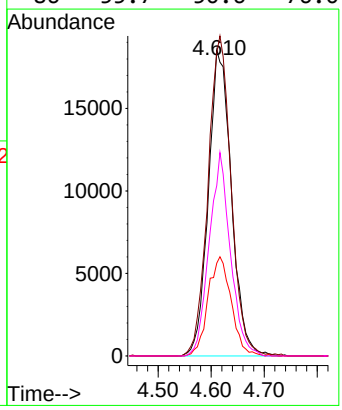


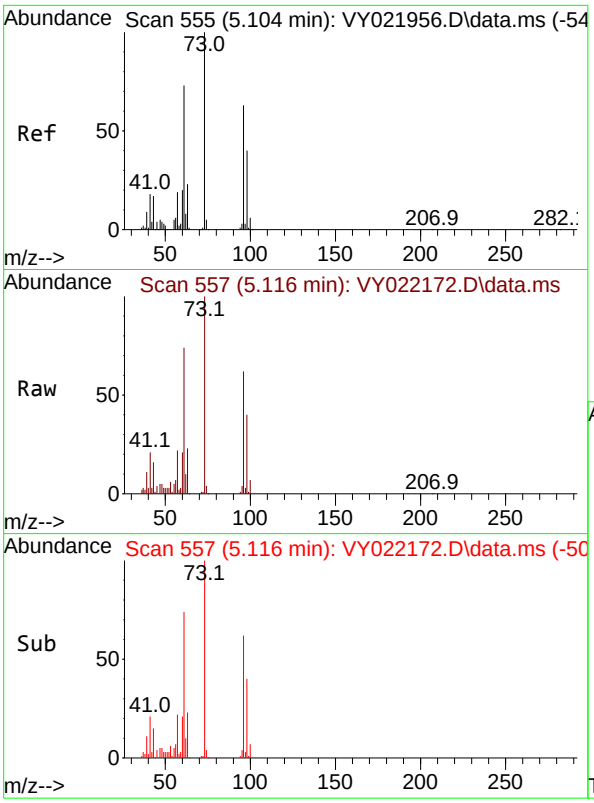


#20
Methylene Chloride
Concen: 21.797 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 84 Resp: 55892

Ion	Ratio	Lower	Upper
84	100		
49	99.2	79.9	119.9
51	30.3	25.4	38.0
86	55.7	50.6	76.0





#21
trans-1,2-Dichloroethene
Concen: 20.485 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 96 Resp: 5007

Ion	Ratio	Lower	Upper
96	100		
61	119.1	92.6	138.8
98	63.9	50.2	75.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
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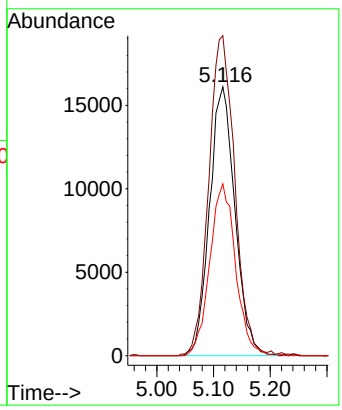
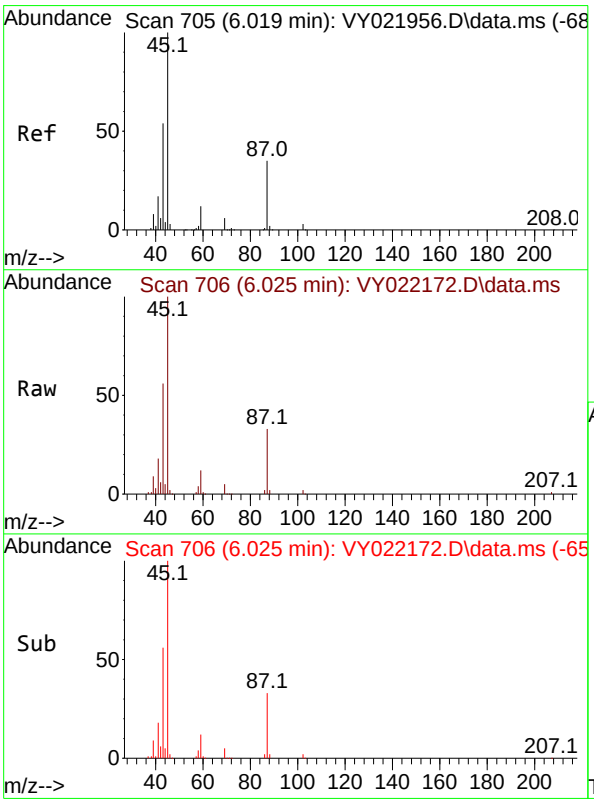
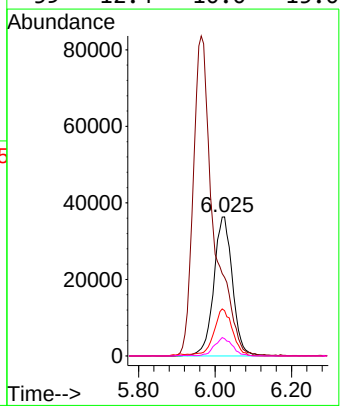


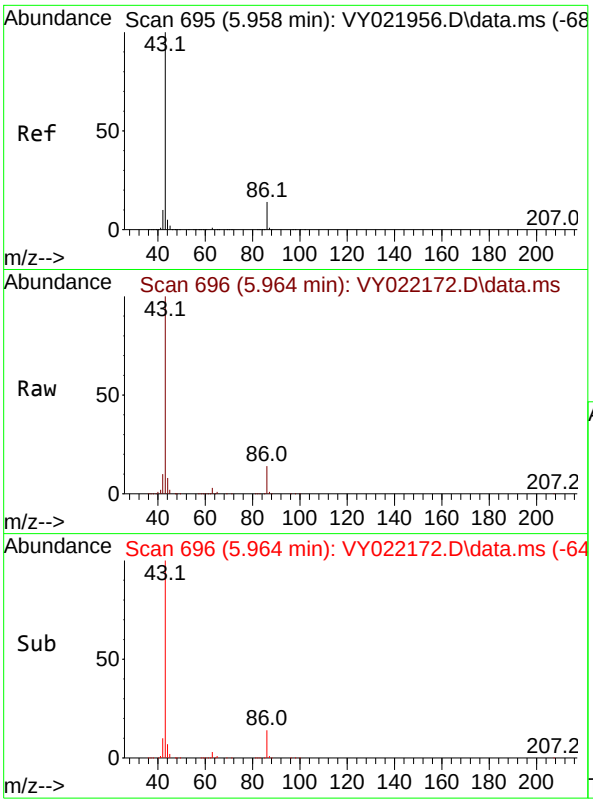


#22
Diisopropyl ether
Concen: 21.755 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 45 Resp: 123033

Ion	Ratio	Lower	Upper
45	100		
43	56.2	43.6	65.4
87	32.5	28.2	42.4
59	12.4	10.0	15.0





#23
Vinyl Acetate
Concen: 101.299 ug/l
RT: 5.964 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 30874

Ion	Ratio	Lower	Upper
43	100		
86	14.1	11.1	16.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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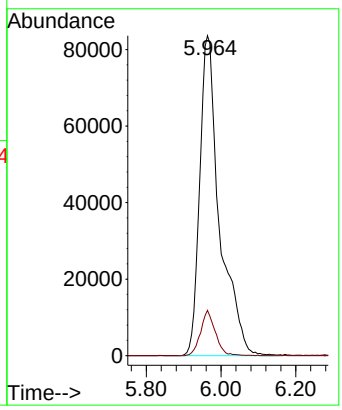
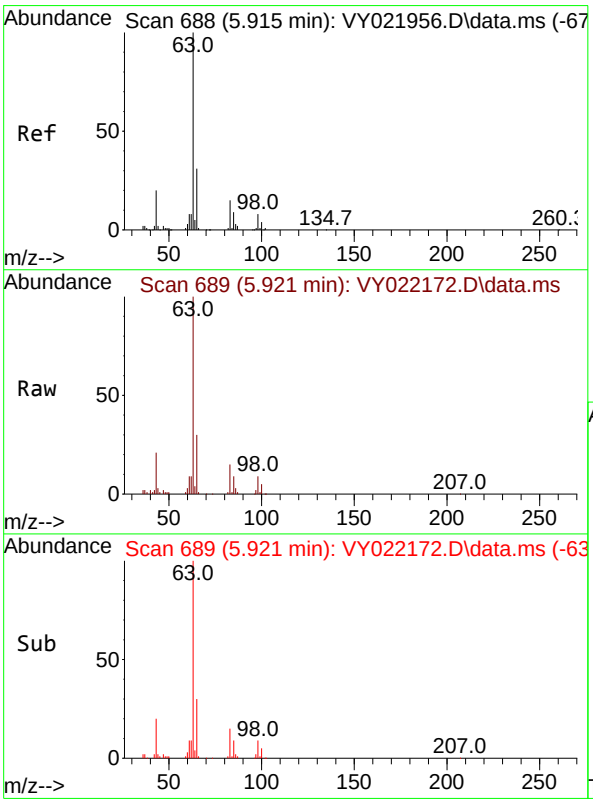
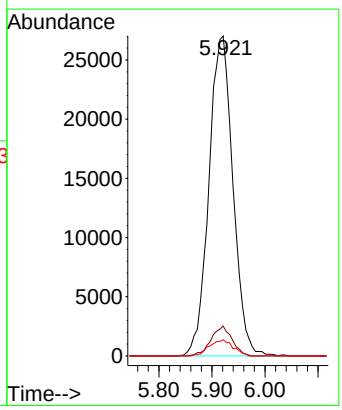


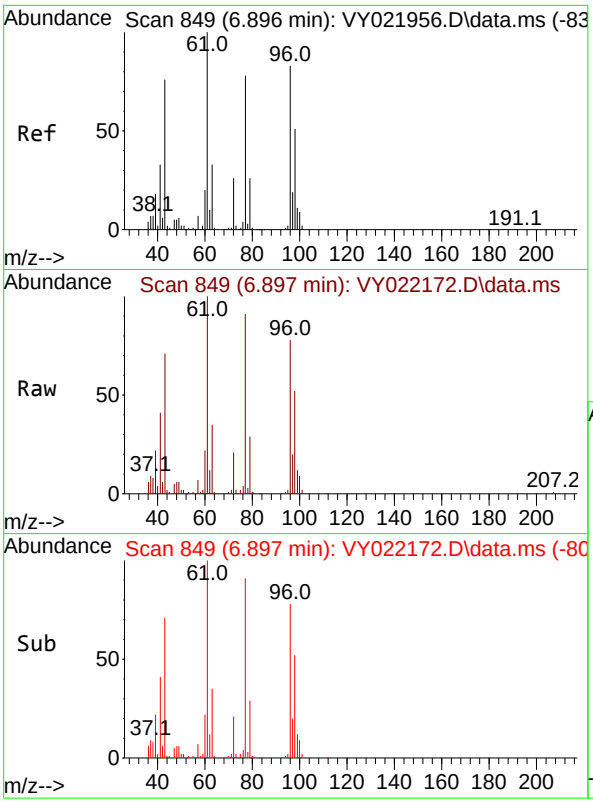


#24
1,1-Dichloroethane
Concen: 21.739 ug/l
RT: 5.921 min Scan# 689
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 63 Resp: 85218

Ion	Ratio	Lower	Upper
63	100		
98	9.3	4.0	11.9
100	5.0	2.0	6.0





#25
2-Butanone
Concen: 103.259 ug/l
RT: 6.897 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 4773

Ion	Ratio	Lower	Upper
43	100		
72	29.7	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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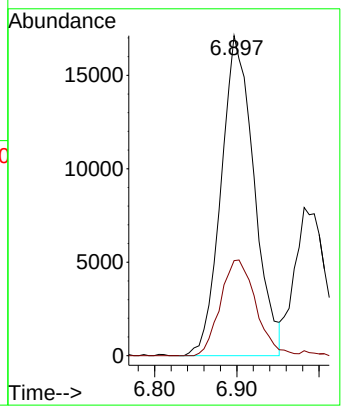
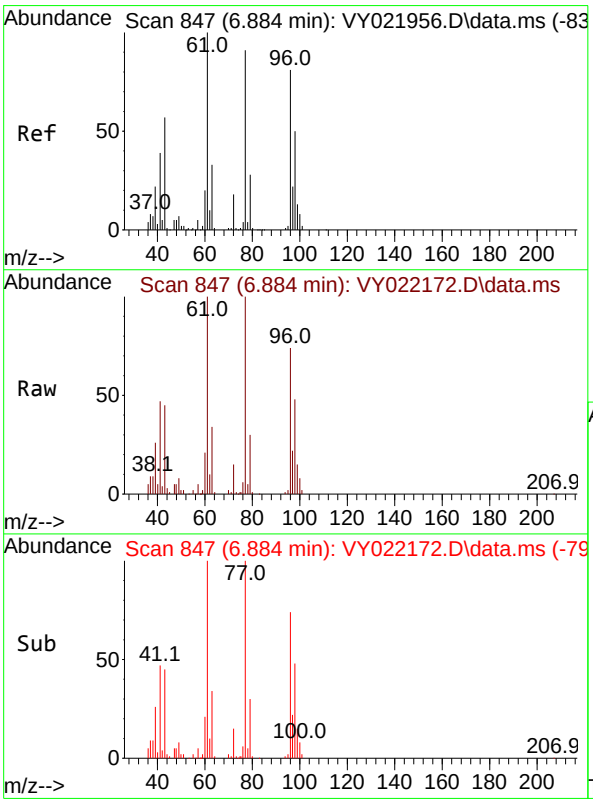
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

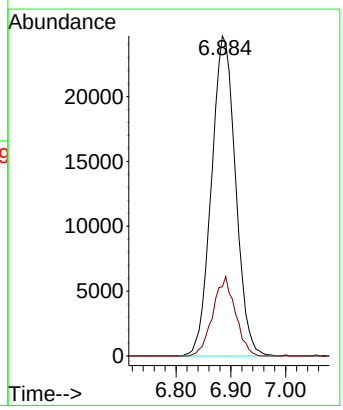


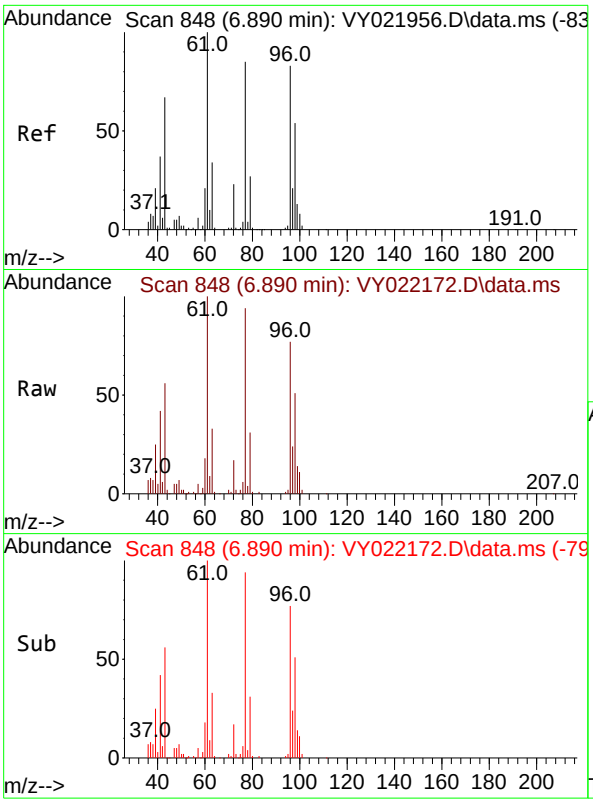


#26
2,2-Dichloropropane
Concen: 21.929 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 77 Resp: 75342

Ion	Ratio	Lower	Upper
77	100		
97	23.1	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 20.648 ug/l
RT: 6.890 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 96 Resp: 5643

Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	251.4
98	64.8	0.0	128.4

Instrument :
MSVOA_Y
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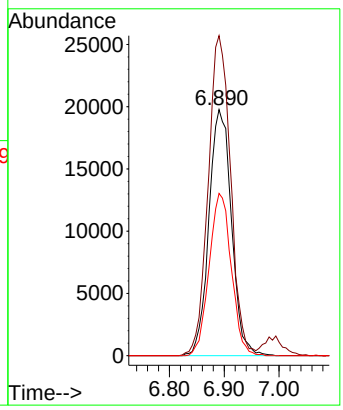
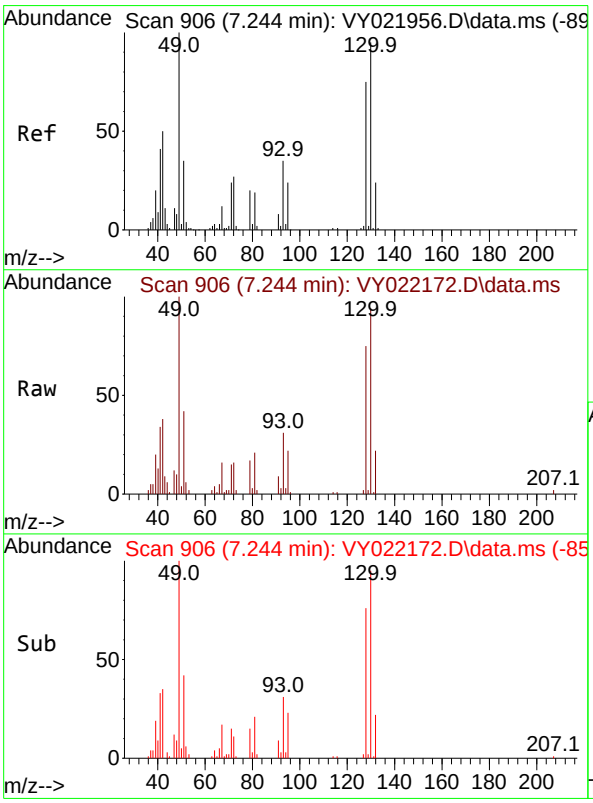
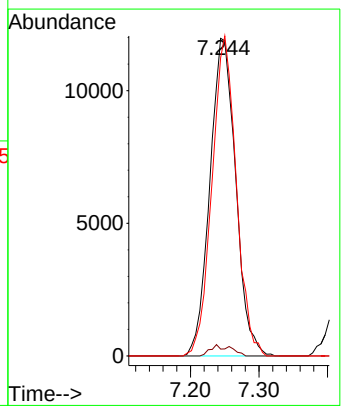


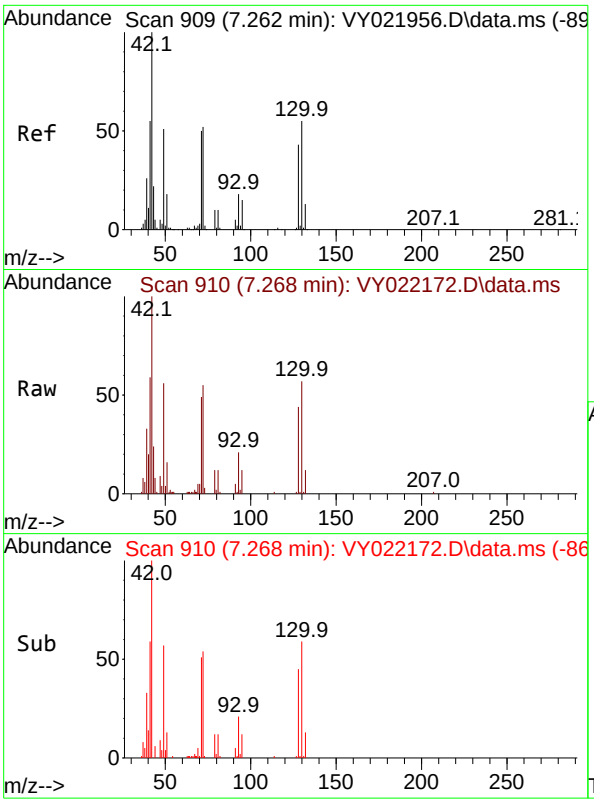


#28
Bromochloromethane
Concen: 20.546 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 49 Resp: 31283

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.0
130	94.7	78.2	117.4





#29
Tetrahydrofuran
Concen: 96.450 ug/l
RT: 7.268 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 42 Resp: 2895

Ion	Ratio	Lower	Upper
42	100		
72	53.1	42.6	63.8
71	48.2	40.6	61.0

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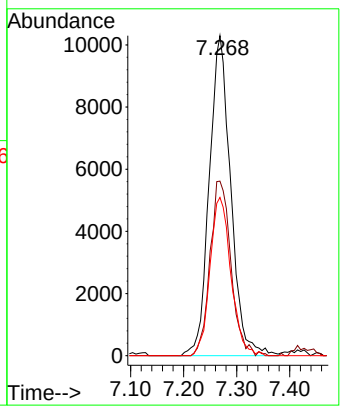
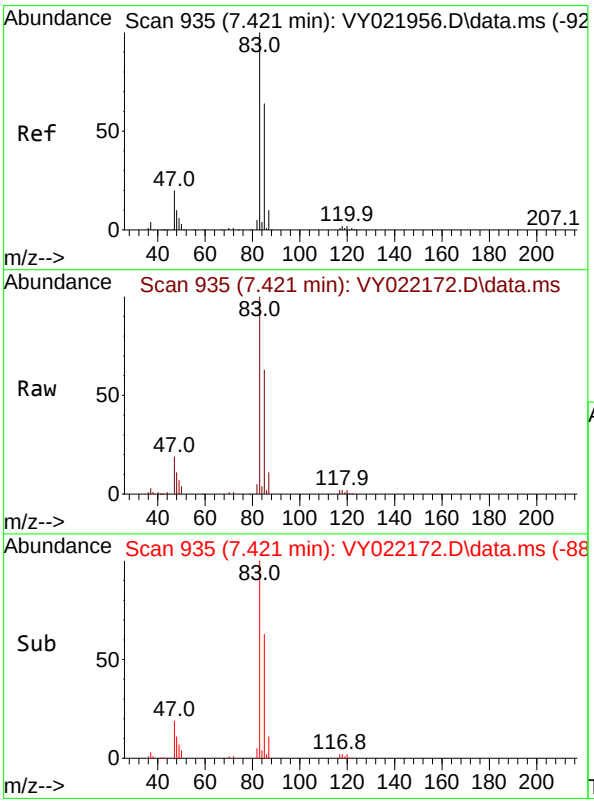
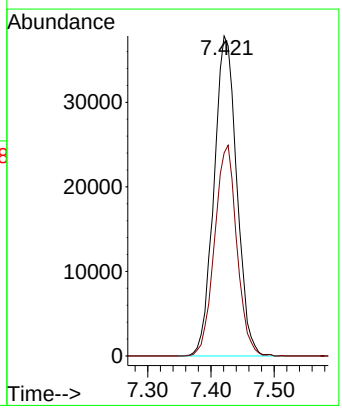


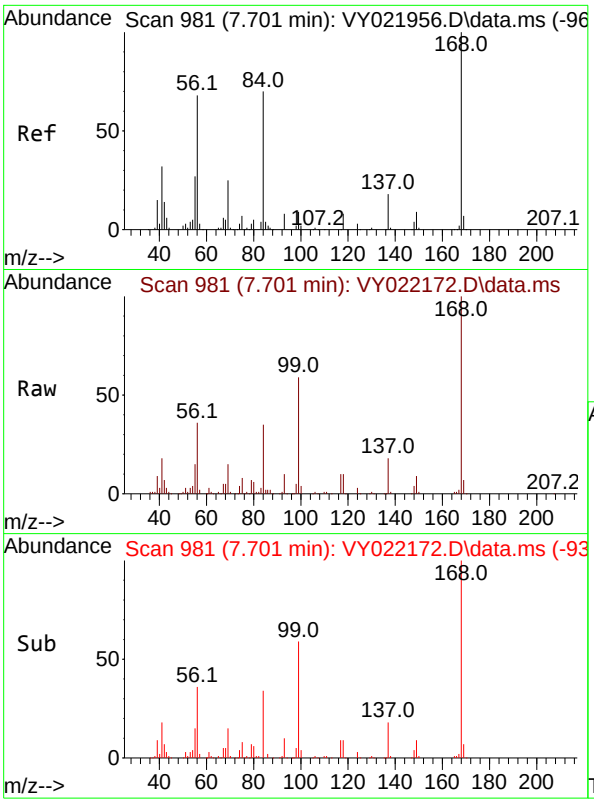


#30
Chloroform
Concen: 21.746 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 83 Resp: 94557

Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.3	76.9

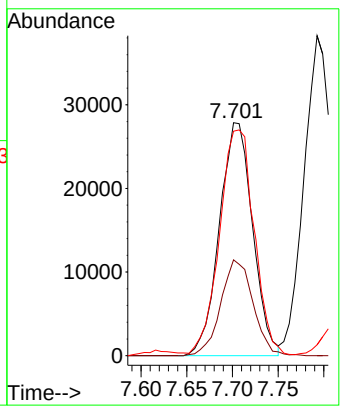




#31
Cyclohexane
Concen: 21.021 ug/l
RT: 7.701 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 56 Resp: 7046

Ion	Ratio	Lower	Upper
56	100		
69	41.1	29.4	44.2
84	95.3	82.2	123.4



Instrument :
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ClientSampleId :
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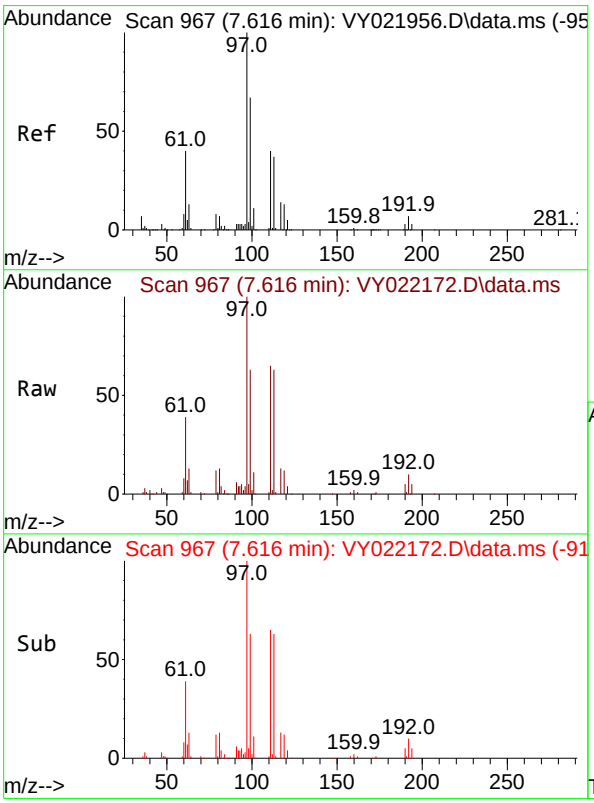
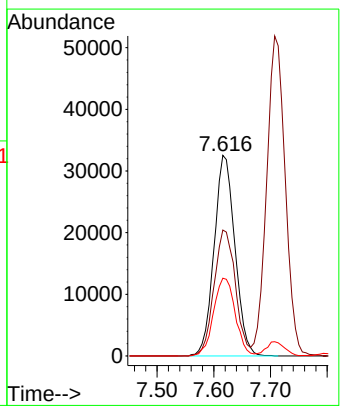
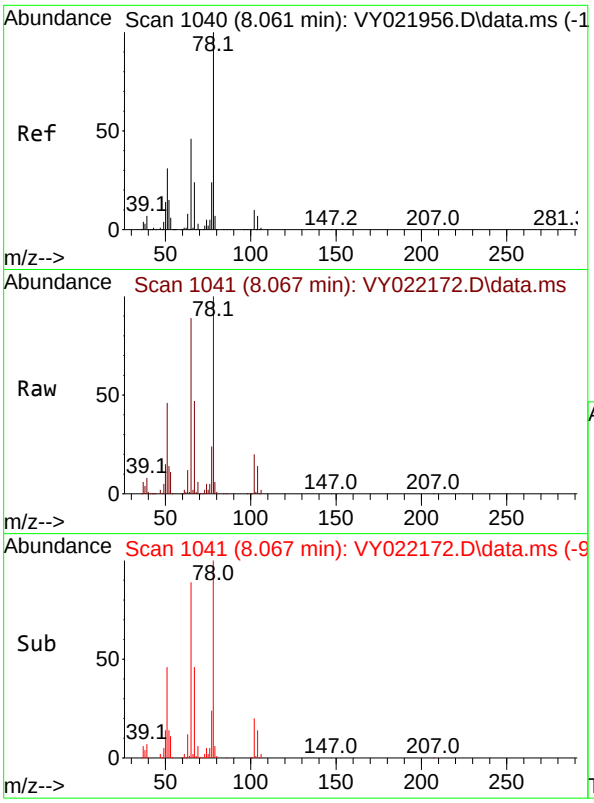


#32
1,1,1-Trichloroethane
Concen: 21.086 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 97 Resp: 82948

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	40.4	31.4	47.2

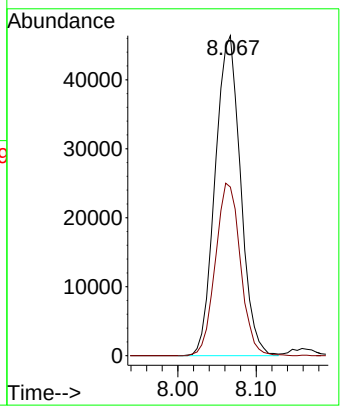




#33
1,2-Dichloroethane-d4
Concen: 51.563 ug/l
RT: 8.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 65 Resp: 10456

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.8



Instrument :
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ClientSampleId :
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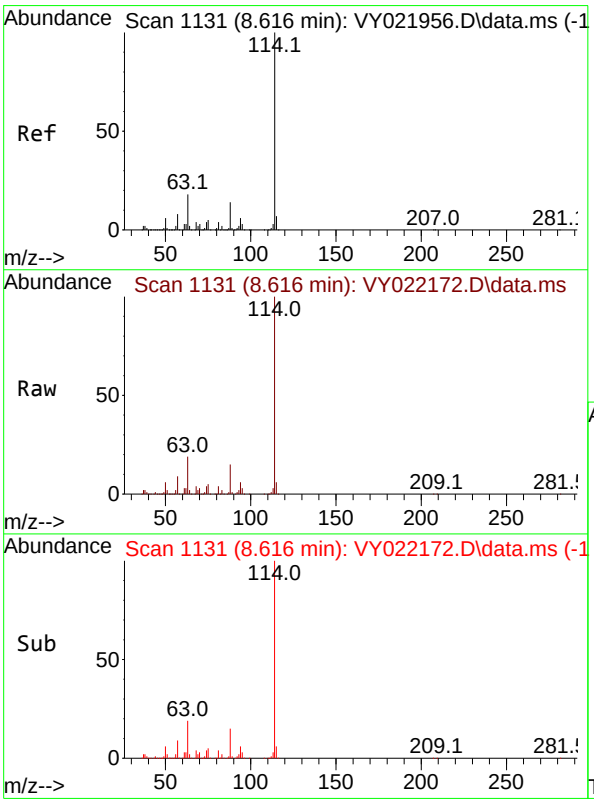
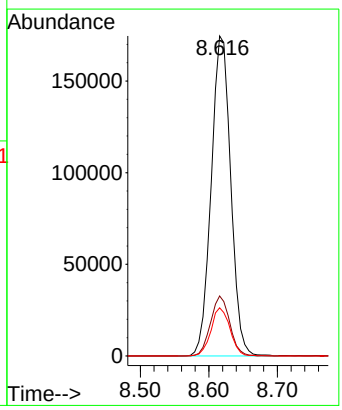
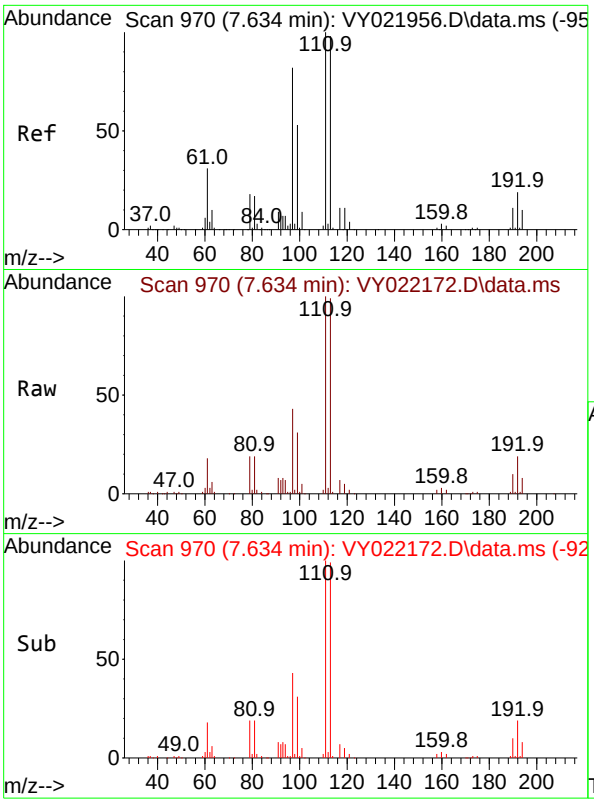


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:114 Resp: 344933

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	35.4
88	15.1	0.0	28.2

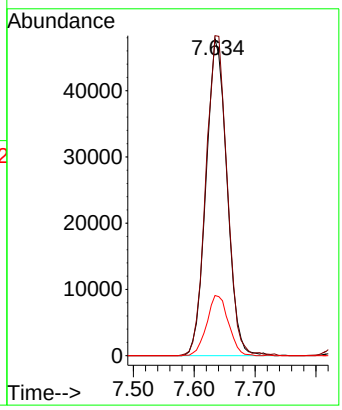




#35
Dibromofluoromethane
Concen: 50.141 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:113 Resp: 11426

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	19.6	15.6	23.4



Instrument :
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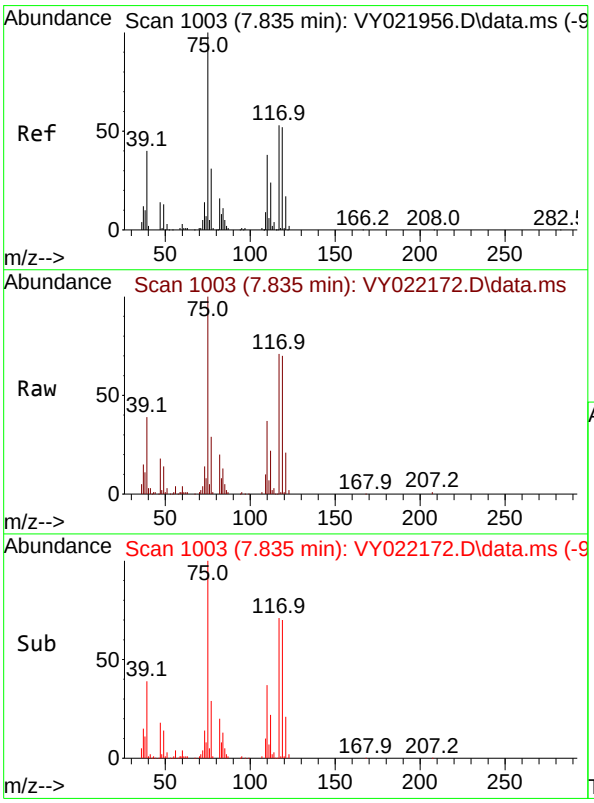
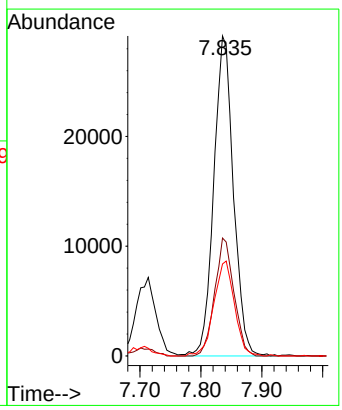
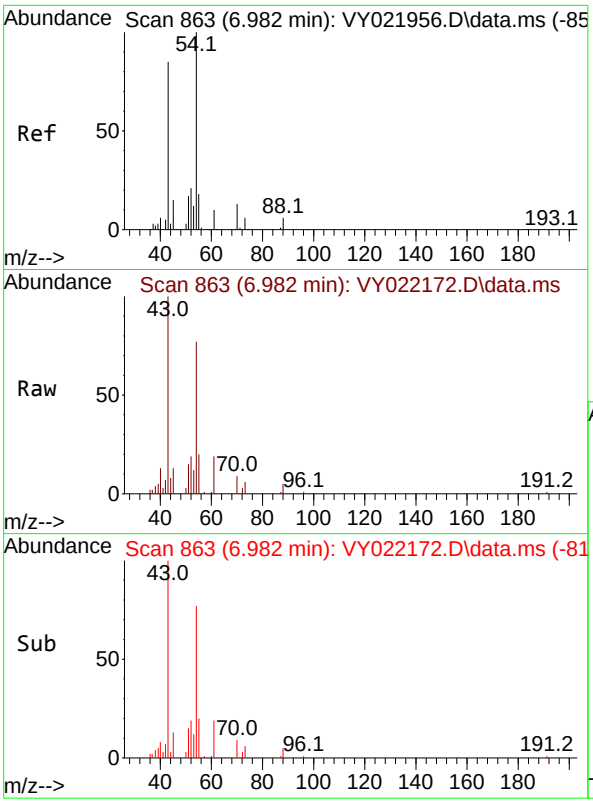


#36
1,1-Dichloropropene
Concen: 21.384 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 65457

Ion	Ratio	Lower	Upper
75	100		
110	36.0	19.1	57.3
77	31.1	25.5	38.3





#37
Ethyl Acetate
Concen: 19.729 ug/l
RT: 6.982 min Scan# 8
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 2169

Ion	Ratio	Lower	Upper
43	100		
61	17.4	13.8	20.6
70	11.9	9.2	13.8

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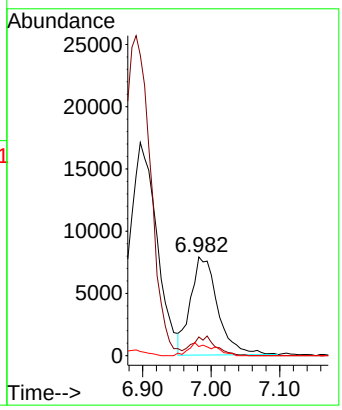
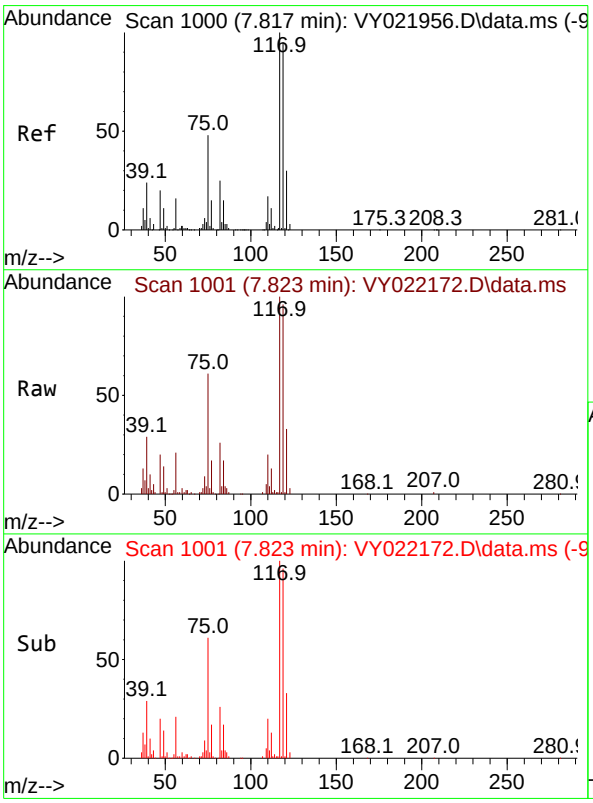
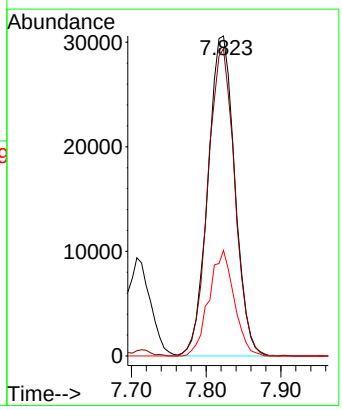


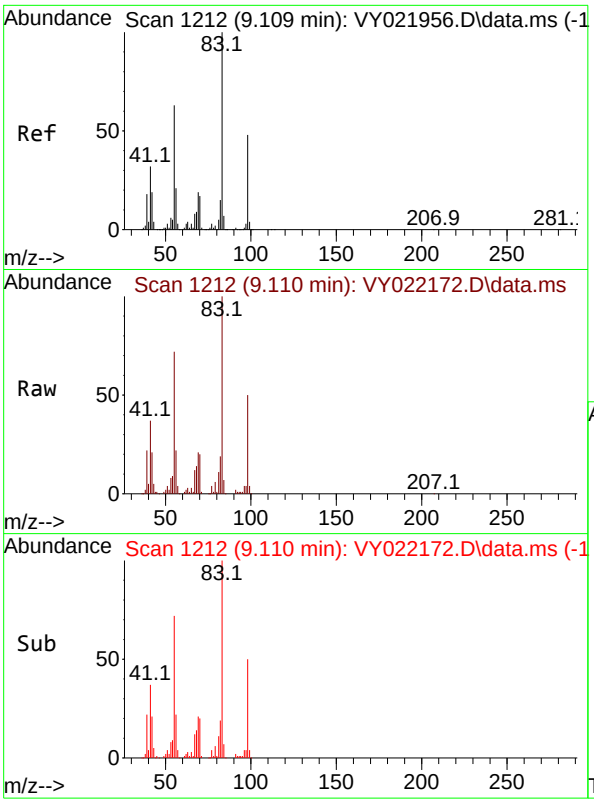


#38
Carbon Tetrachloride
Concen: 20.904 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:117 Resp: 76460

Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.2	114.4
121	33.0	24.0	36.0





#39
Methylcyclohexane
Concen: 20.300 ug/l
RT: 9.110 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 83 Resp: 7820

Ion	Ratio	Lower	Upper
83	100		
55	72.0	50.6	75.8
98	50.5	38.6	58.0

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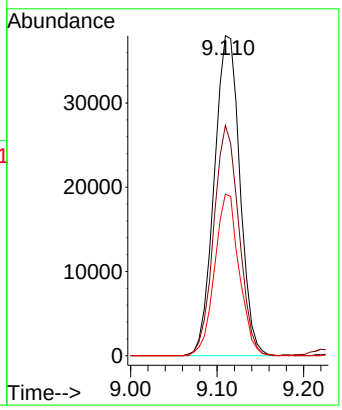
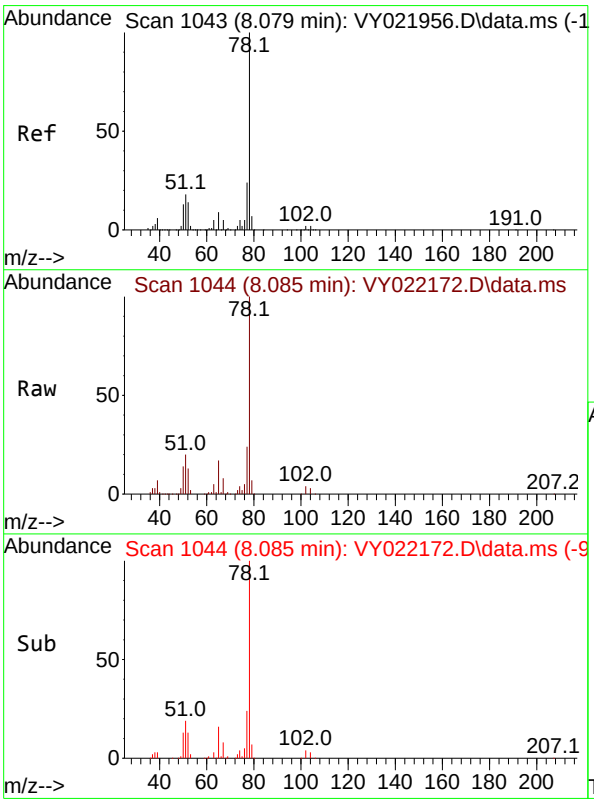
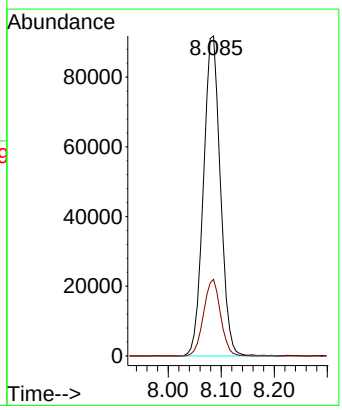


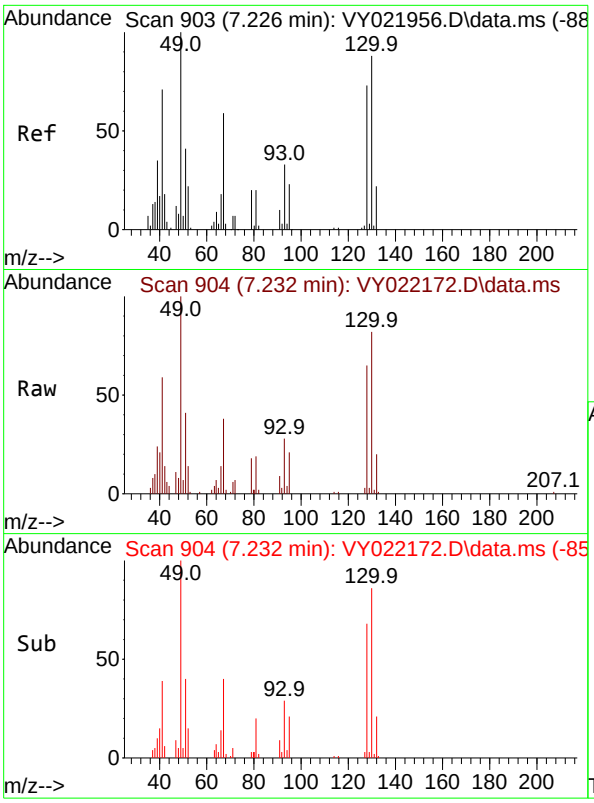


#40
Benzene
Concen: 21.261 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 78 Resp: 203440

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9

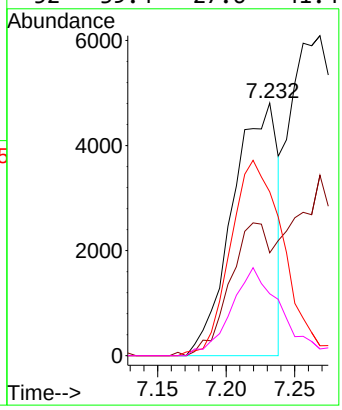




#41
Methacrylonitrile
Concen: 18.308 ug/l
RT: 7.232 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 41 Resp: 1100

Ion	Ratio	Lower	Upper
41	100		
39	46.2	36.6	55.0
67	91.2	72.2	108.4
52	39.4	27.6	41.4



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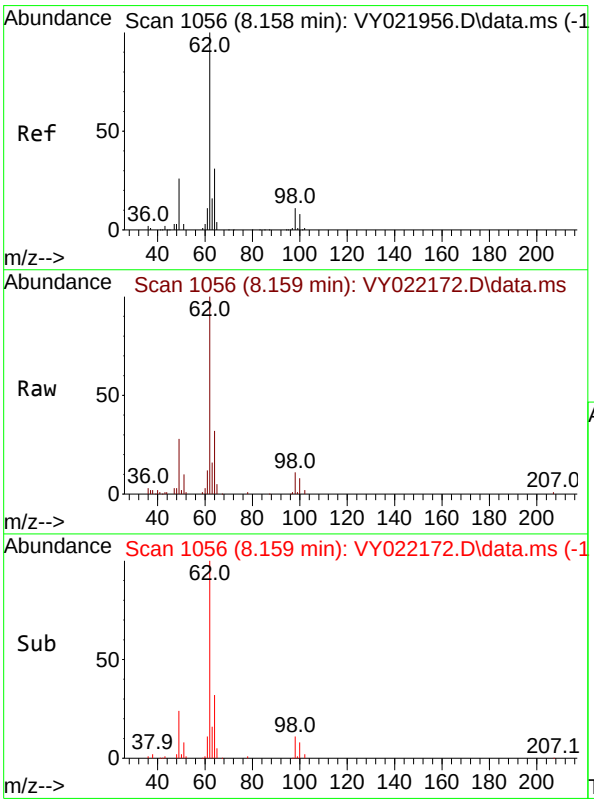
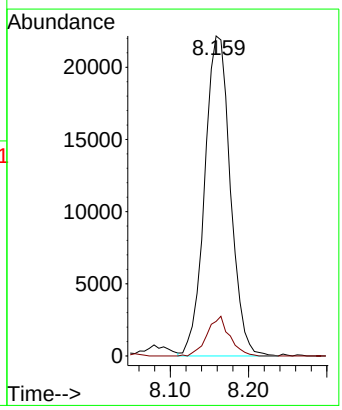
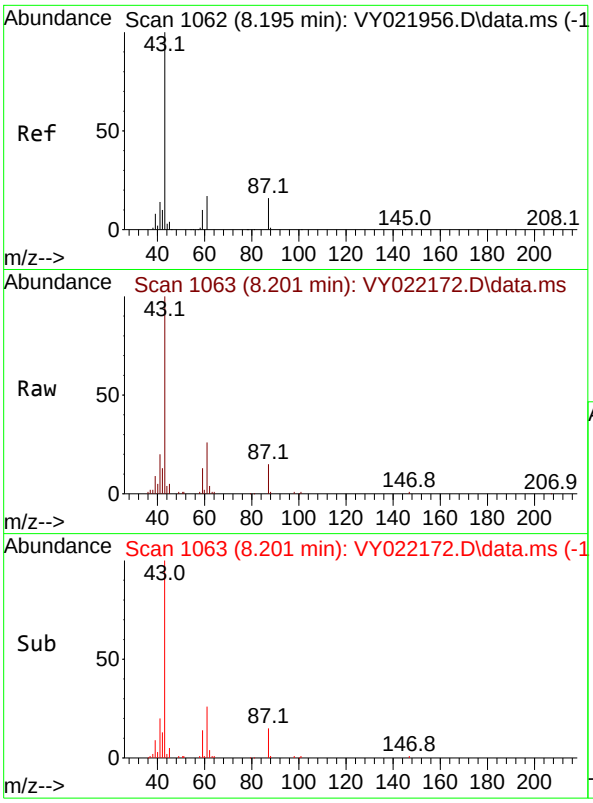


#42
1,2-Dichloroethane
Concen: 21.316 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 62 Resp: 50500

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

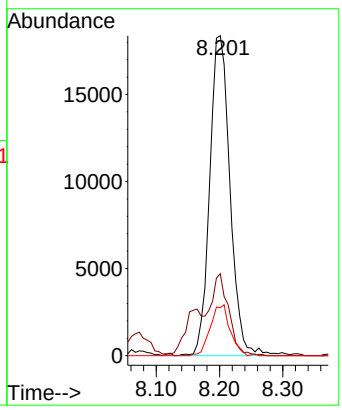




#43
Isopropyl Acetate
Concen: 19.422 ug/l
RT: 8.201 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 4100

Ion	Ratio	Lower	Upper
43	100		
61	22.2	18.9	28.3
87	15.5	13.7	20.5



Instrument :
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ClientSampleId :
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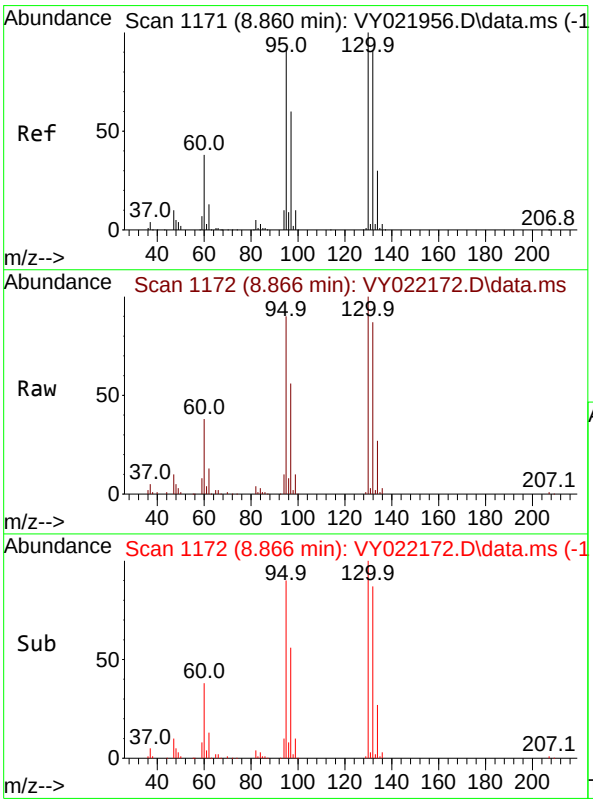
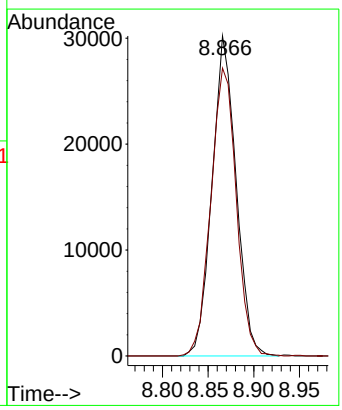
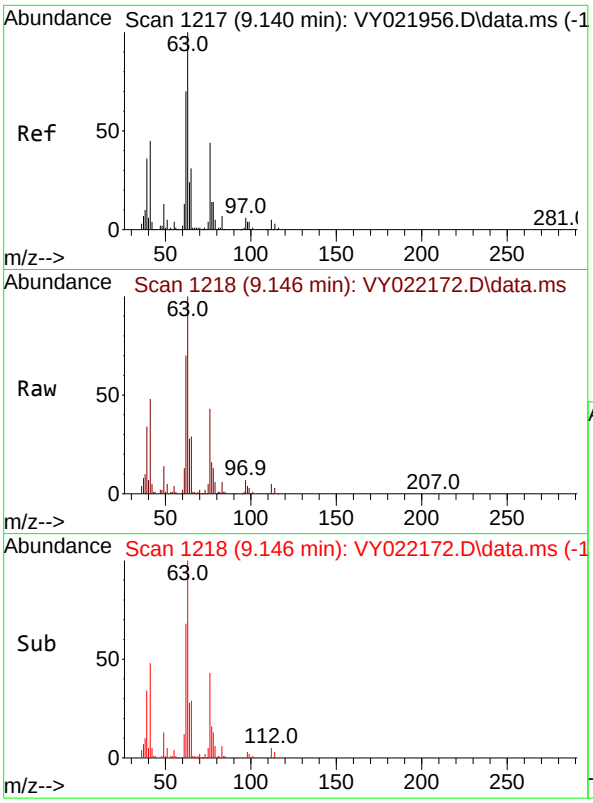


#44
Trichloroethene
Concen: 20.853 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:130 Resp: 55269

Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	183.2

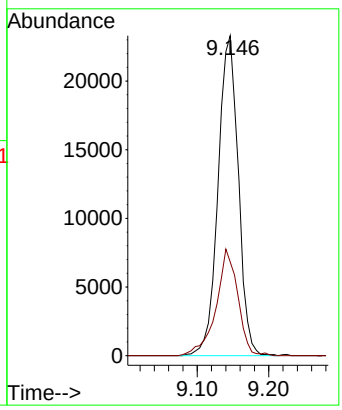




#45
1,2-Dichloropropane
Concen: 21.648 ug/l
RT: 9.146 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 63 Resp: 4580

Ion	Ratio	Lower	Upper
63	100		
65	29.3	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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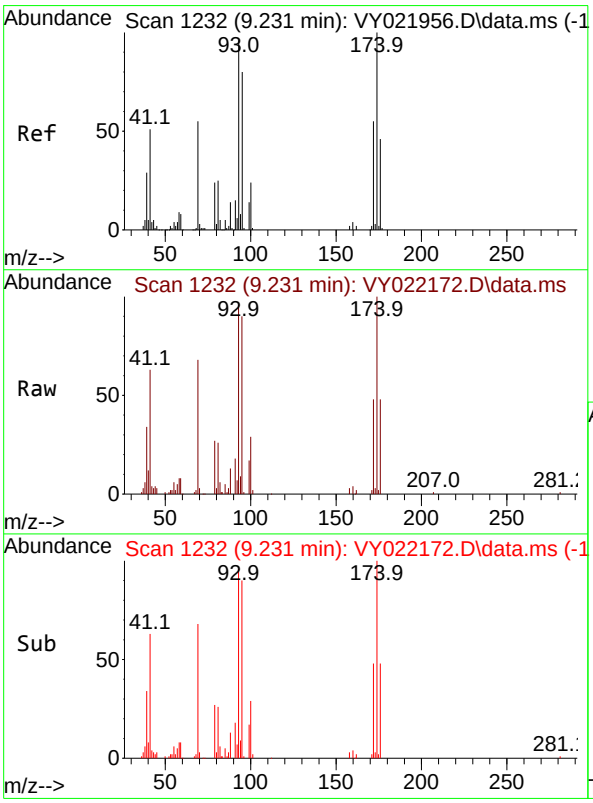
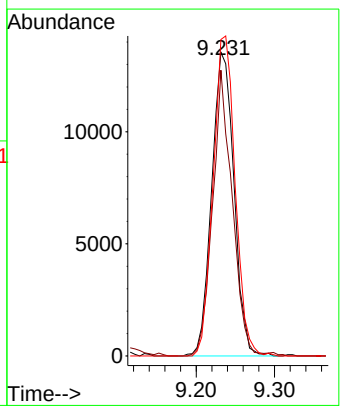
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

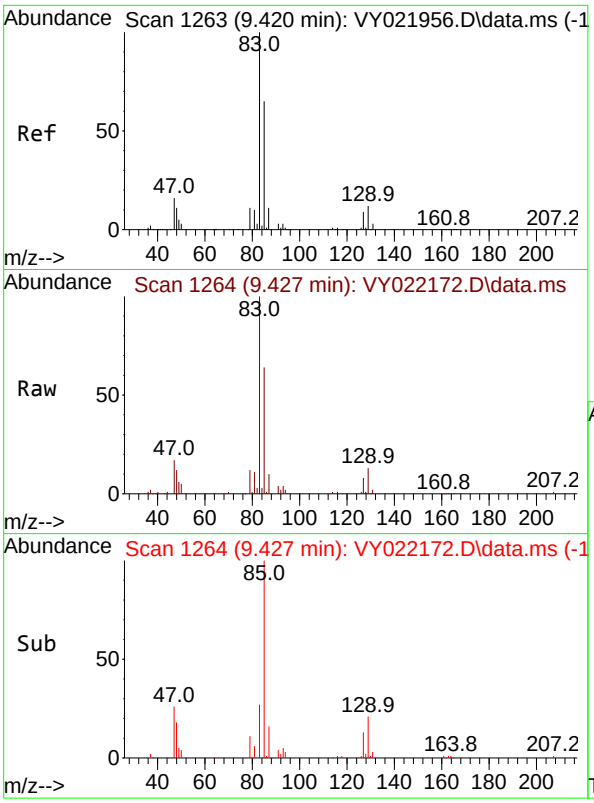


#46
Dibromomethane
Concen: 20.176 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 93 Resp: 26726

Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.7	100.1
174	104.6	84.6	127.0

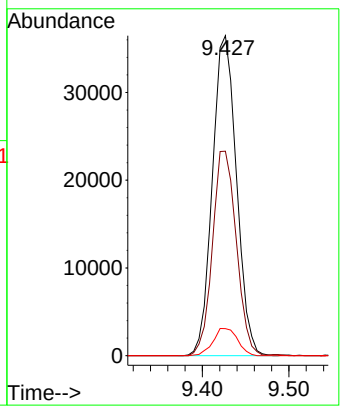




#47
Bromodichloromethane
Concen: 21.268 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 83 Resp: 7038

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8
127	8.4	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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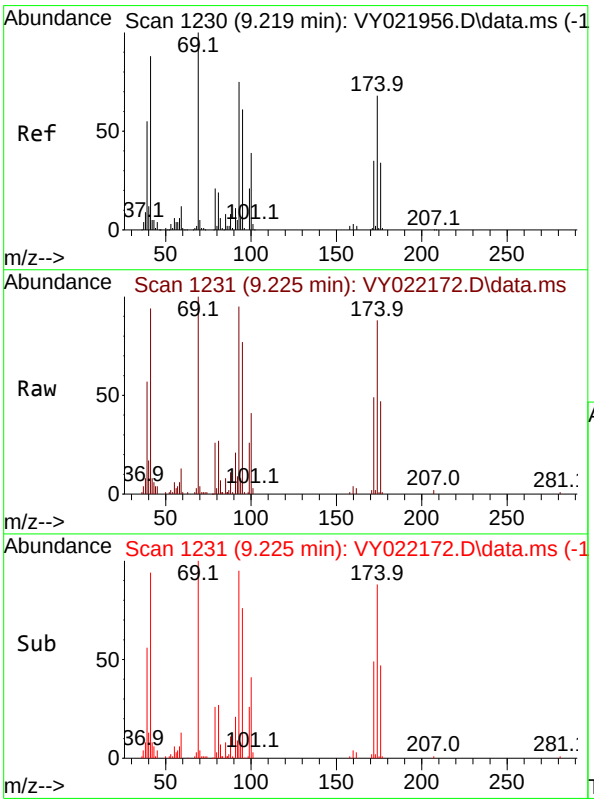
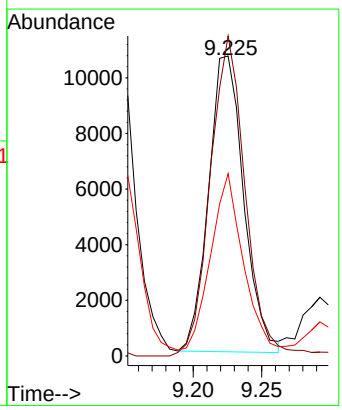
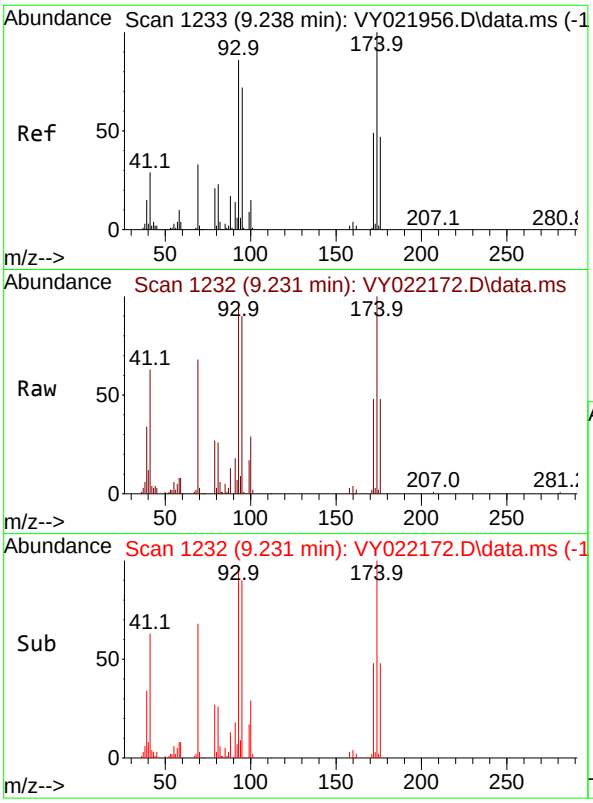


#48
Methyl methacrylate
Concen: 19.425 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 41 Resp: 18959

Ion	Ratio	Lower	Upper
41	100		
69	108.3	85.5	128.3
39	55.1	46.2	69.4





#49
1,4-Dioxane
Concen: 356.410 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 88 Resp: 503

Ion	Ratio	Lower	Upper
88	100		
43	24.5	21.3	31.9
58	62.0	50.5	75.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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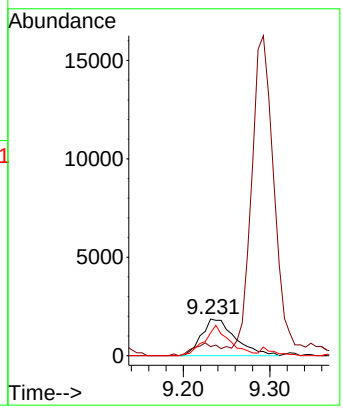
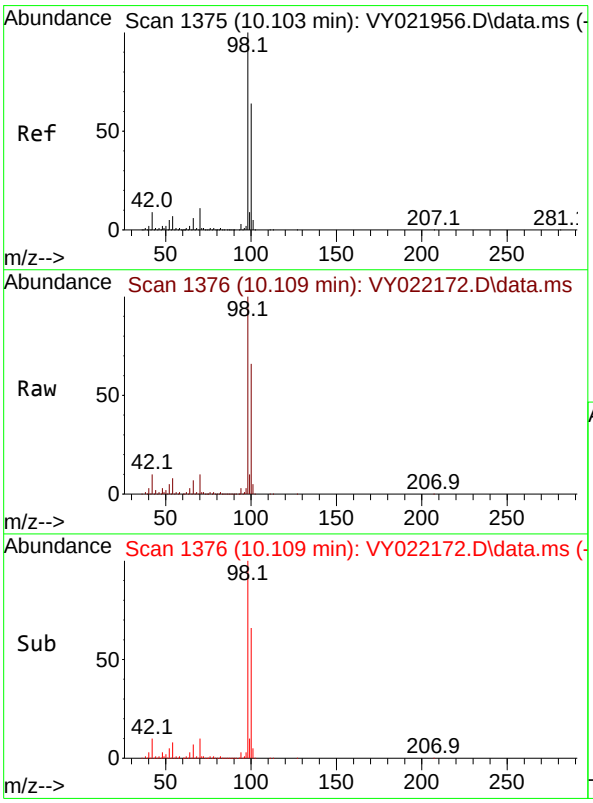
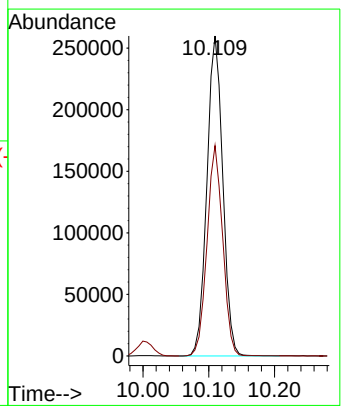


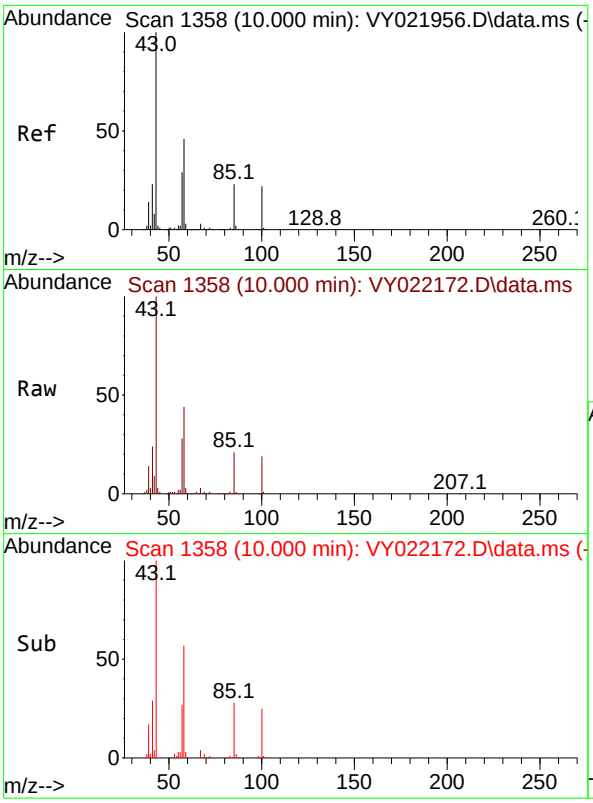


#50
Toluene-d8
Concen: 50.814 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 98 Resp: 436550

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4

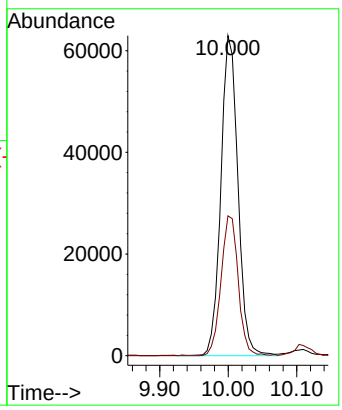




#51
4-Methyl-2-Pentanone
Concen: 98.047 ug/l
RT: 10.000 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 10851

Ion	Ratio	Lower	Upper
43	100		
58	43.9	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
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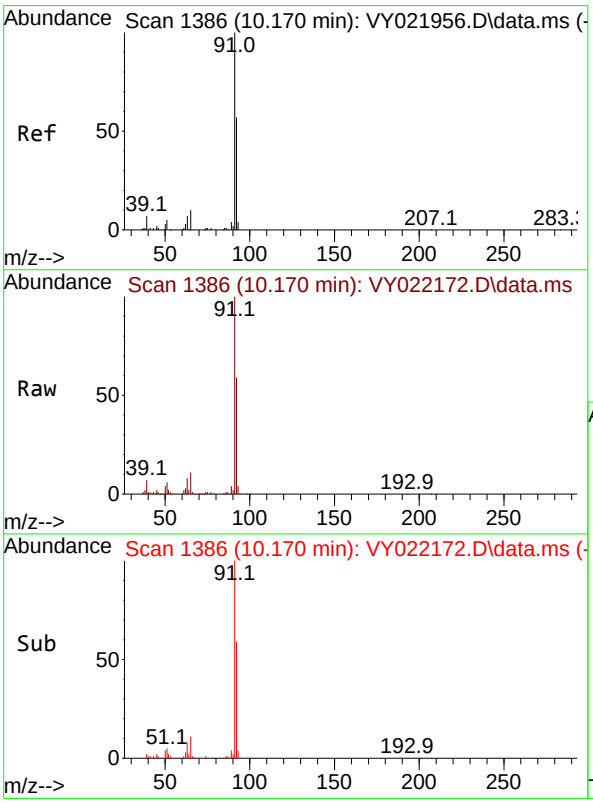
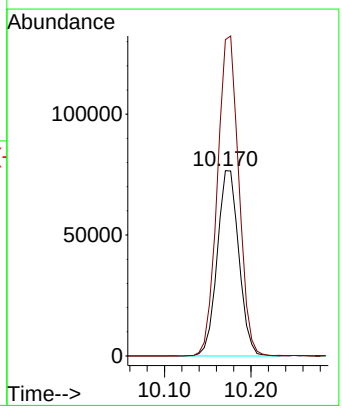
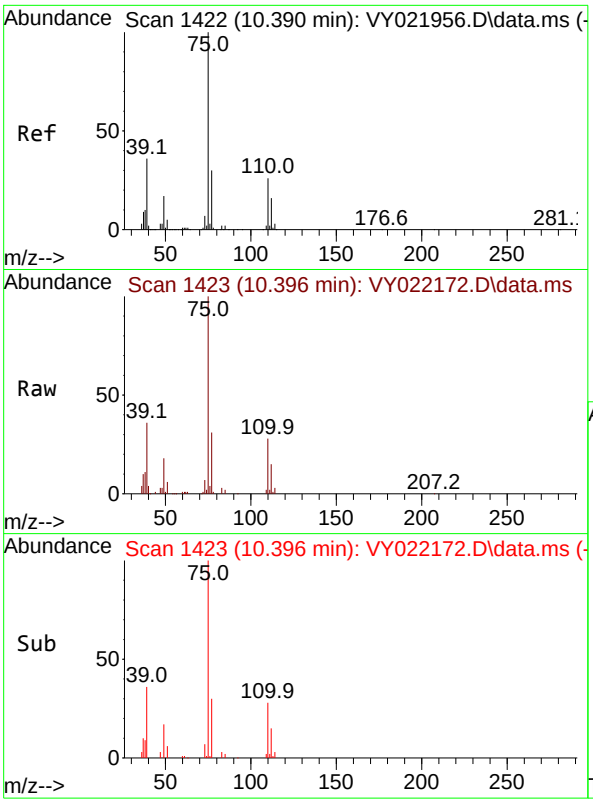


#52
Toluene
Concen: 21.428 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 92 Resp: 132721

Ion	Ratio	Lower	Upper
92	100		
91	171.3	138.6	207.8

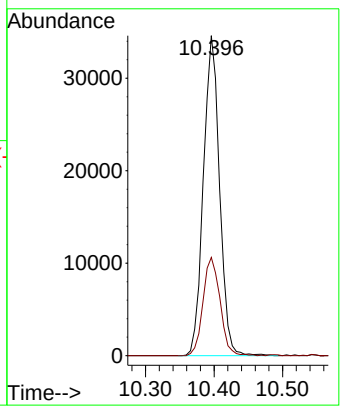




#53
t-1,3-Dichloropropene
Concen: 20.037 ug/l
RT: 10.396 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 5687

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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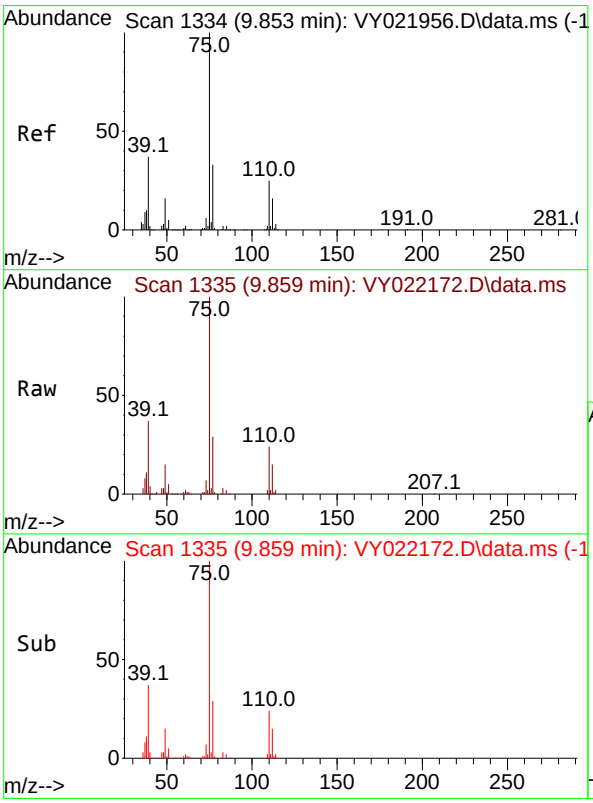
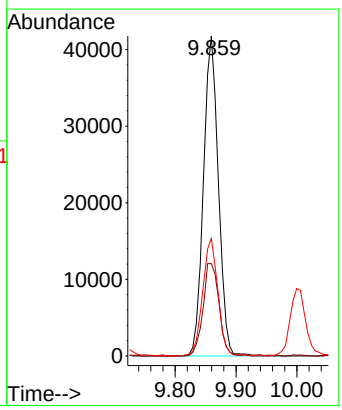
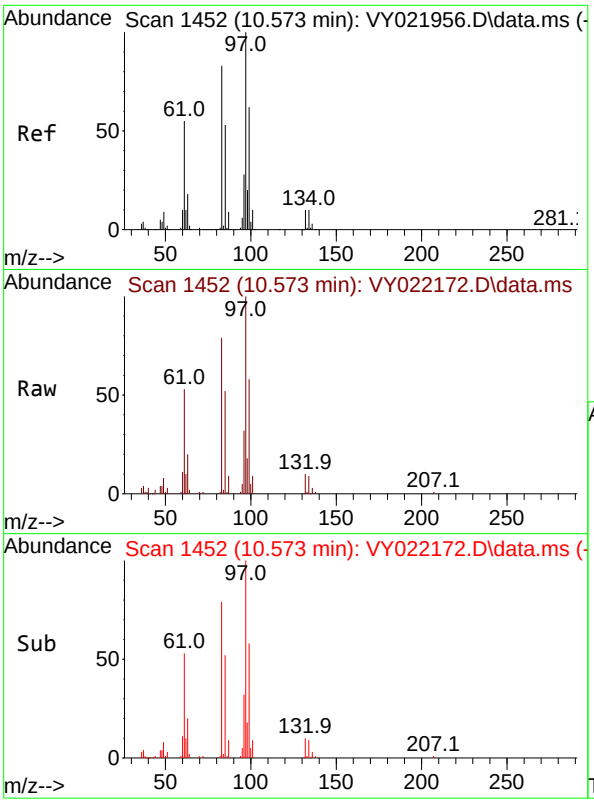


#54
cis-1,3-Dichloropropene
Concen: 21.098 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 71187

Ion	Ratio	Lower	Upper
75	100		
77	28.9	26.6	40.0
39	36.7	29.6	44.4

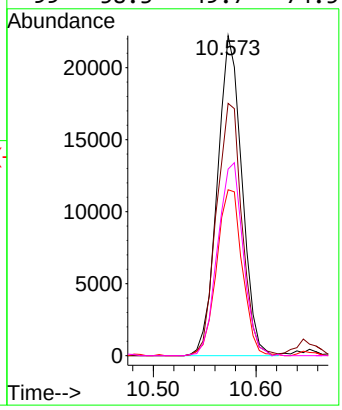




#55
1,1,2-Trichloroethane
Concen: 20.854 ug/l
RT: 10.573 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 97 Resp: 3689

Ion	Ratio	Lower	Upper
97	100		
83	78.9	66.7	100.1
85	51.8	42.6	64.0
99	58.3	49.7	74.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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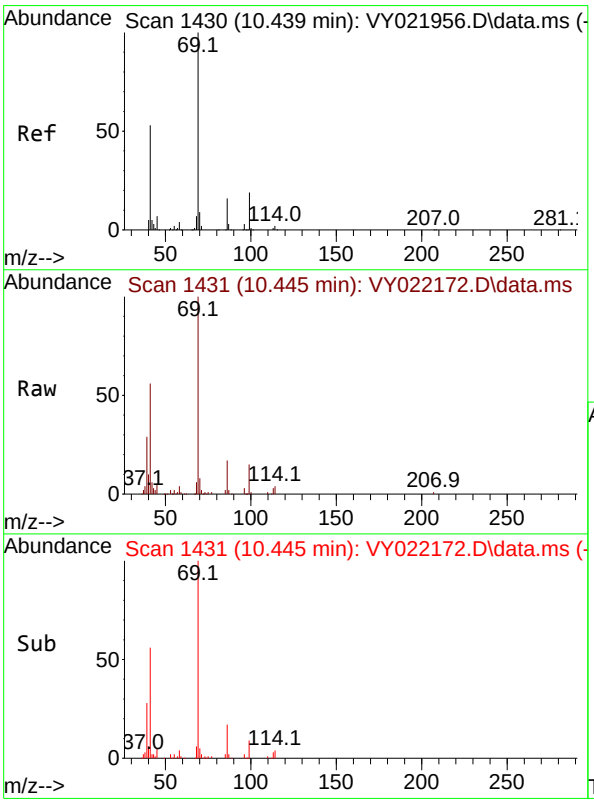
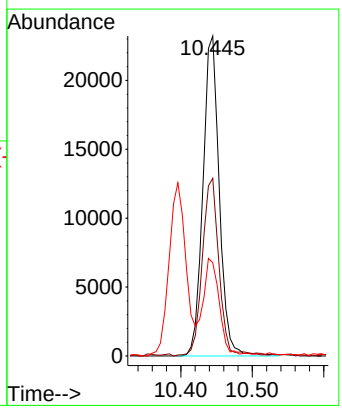
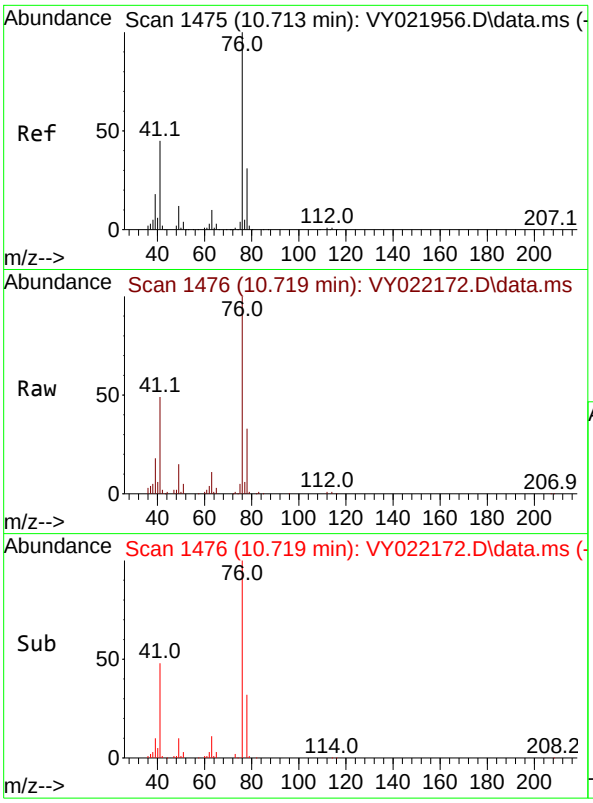


#56
Ethyl methacrylate
Concen: 18.267 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 69 Resp: 36962

Ion	Ratio	Lower	Upper
69	100		
41	56.8	40.7	61.1
39	29.3	23.3	34.9

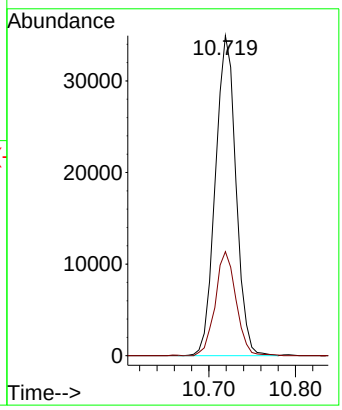




#57
1,3-Dichloropropane
Concen: 20.312 ug/l
RT: 10.719 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 76 Resp: 5761

Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.6	39.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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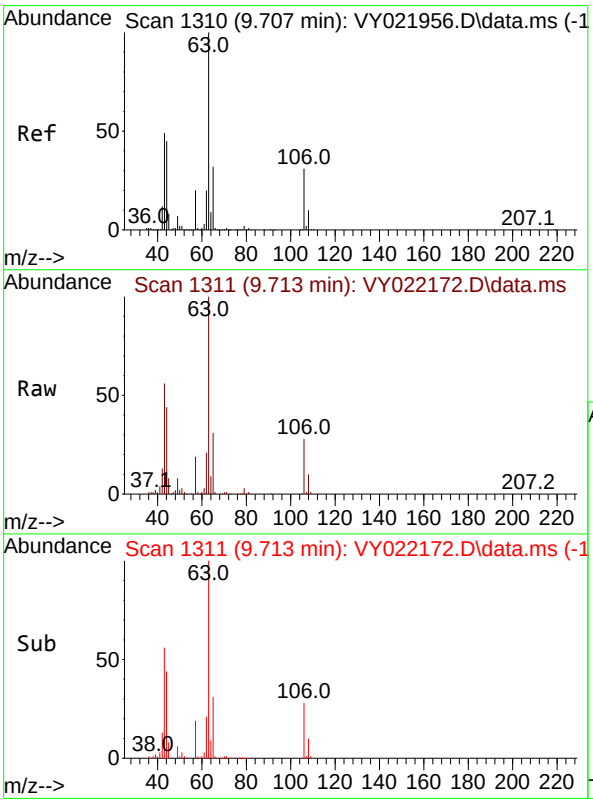
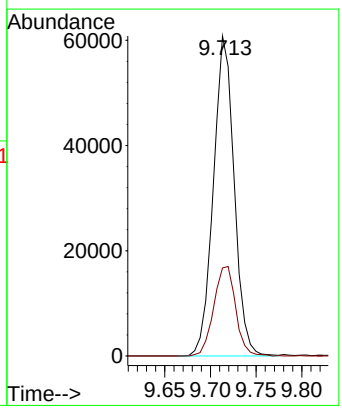
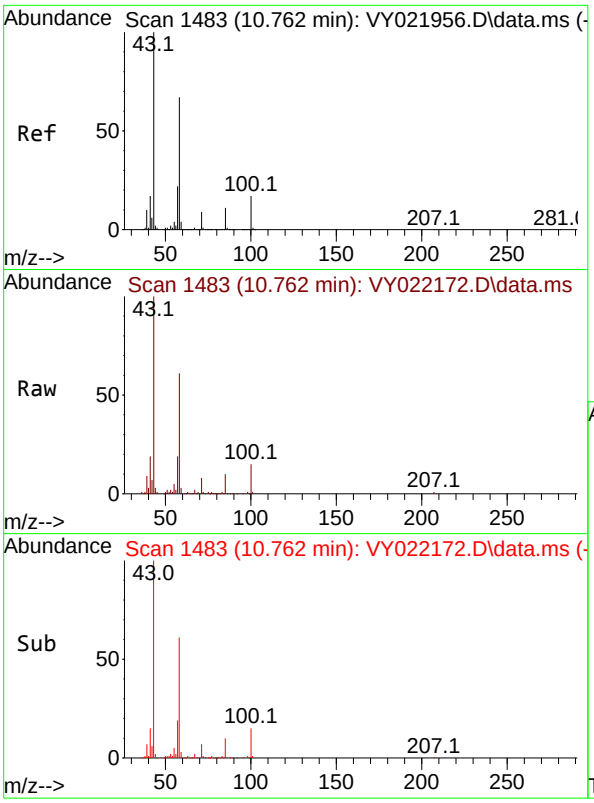


#58
2-Chloroethyl Vinyl ether
Concen: 97.230 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 63 Resp: 96192

Ion	Ratio	Lower	Upper
63	100		
106	29.5	25.3	37.9





#59
2-Hexanone
Concen: 97.747 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 7135

Ion	Ratio	Lower	Upper
43	100		
58	60.3	32.0	96.0

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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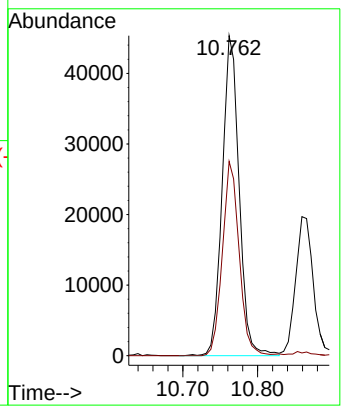
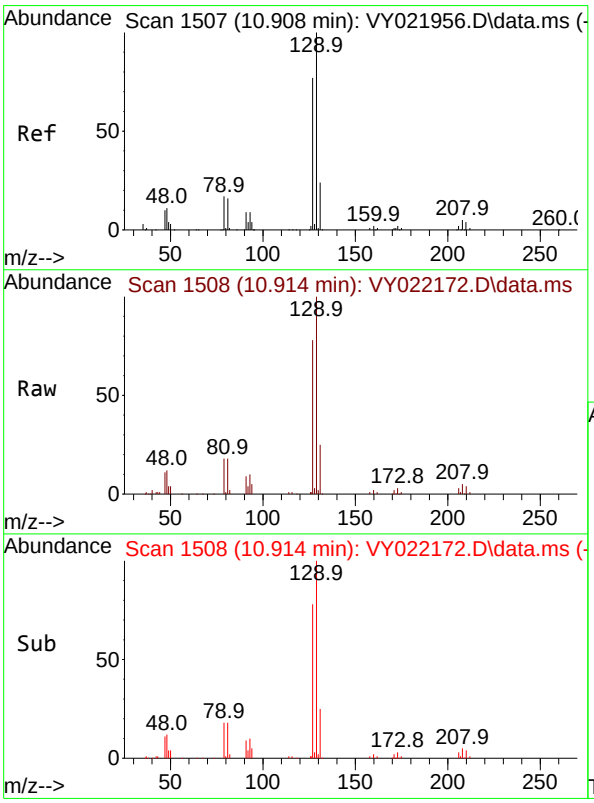
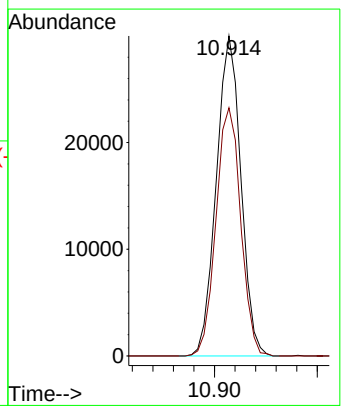


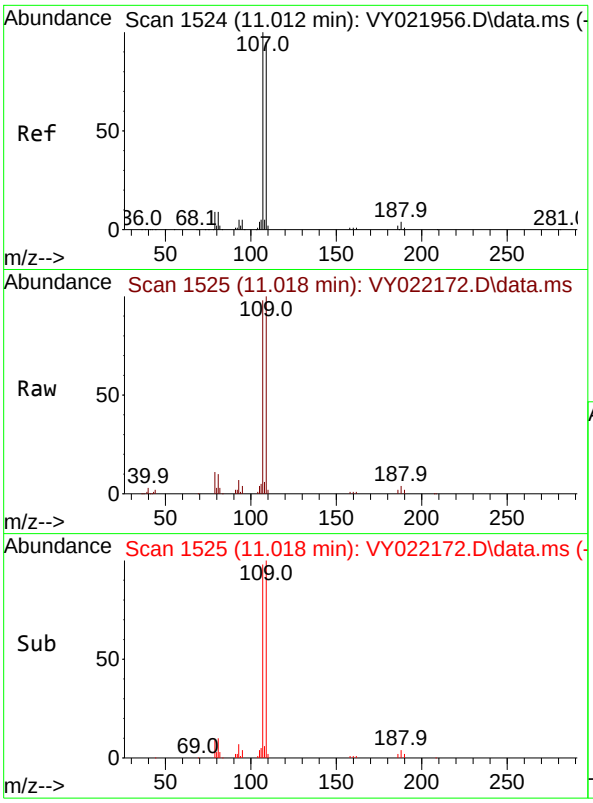


#60
Dibromochloromethane
Concen: 20.321 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:129 Resp: 49782

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.5	115.3





#61
1,2-Dibromoethane
Concen: 19.516 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:107 Resp: 3260

Ion	Ratio	Lower	Upper
107	100		
109	98.5	75.8	113.8

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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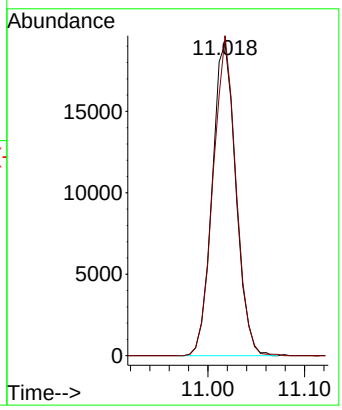
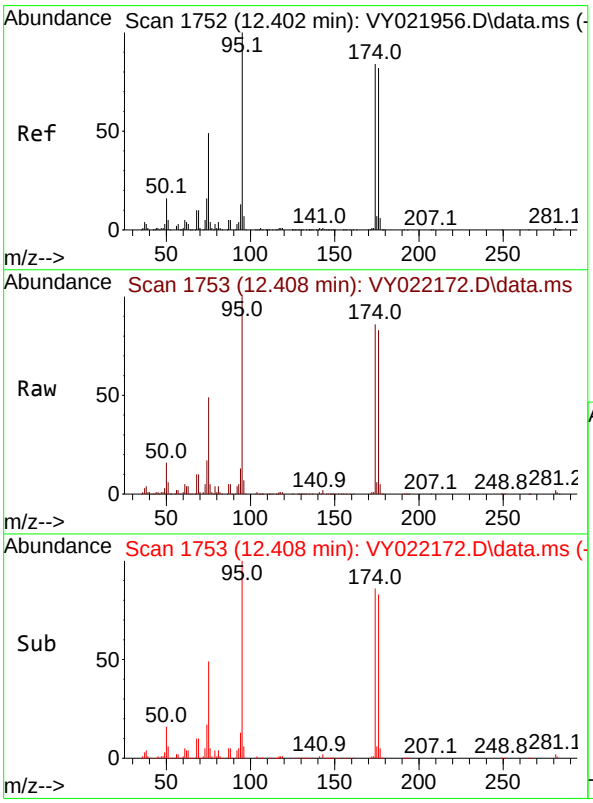
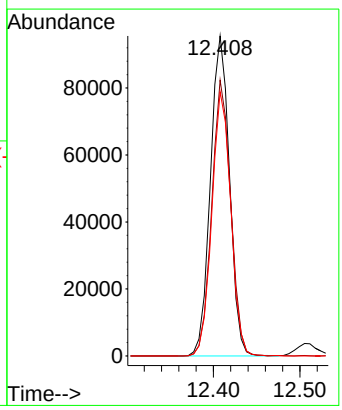


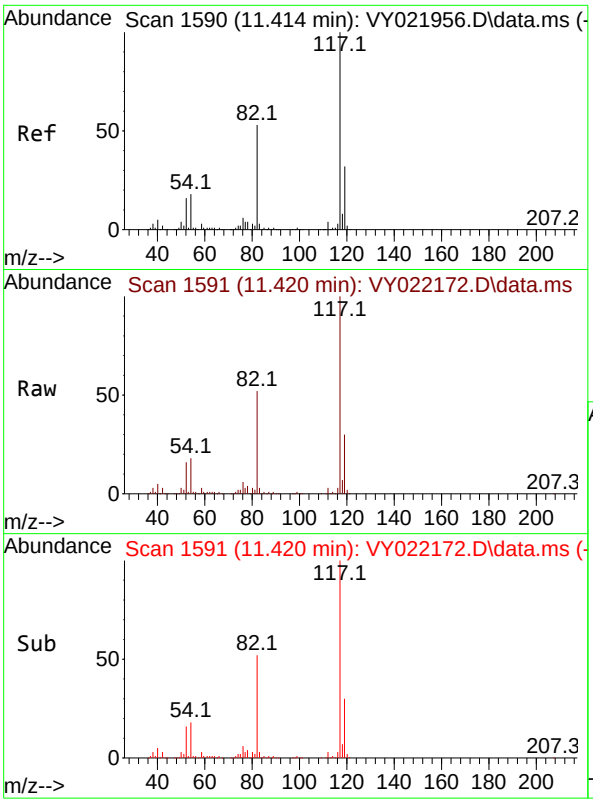


#62
4-Bromofluorobenzene
Concen: 50.562 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 95 Resp: 146232

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	179.0
176	81.8	0.0	171.8

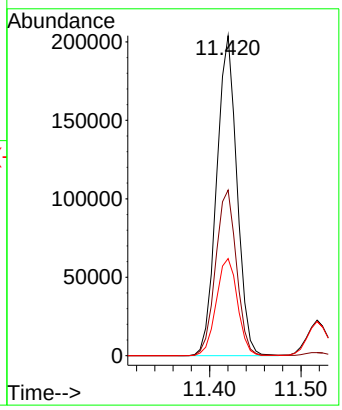




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:117 Resp: 31485

Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.1	63.1
119	30.4	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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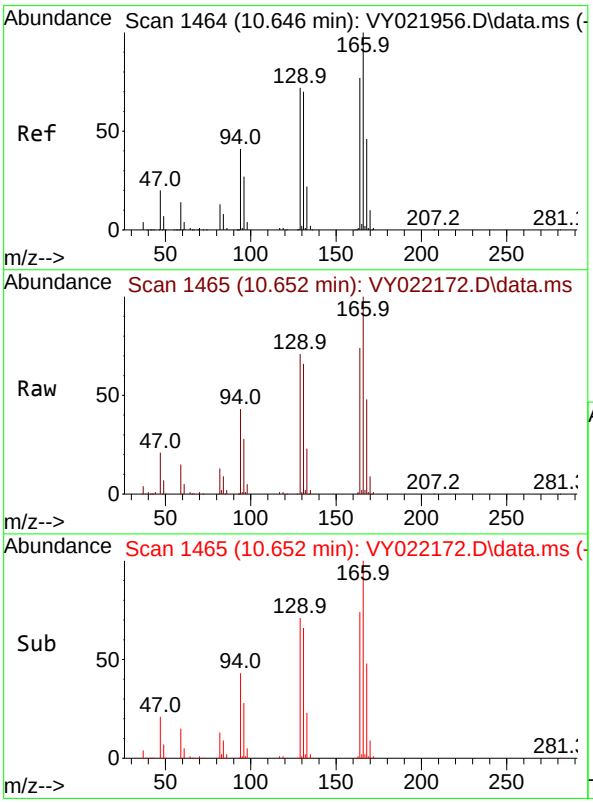
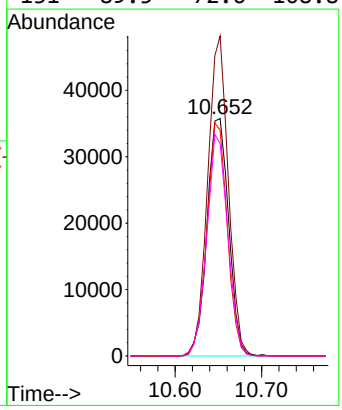
Supervised By :Semsettin Yesilyurt 05/07/2025

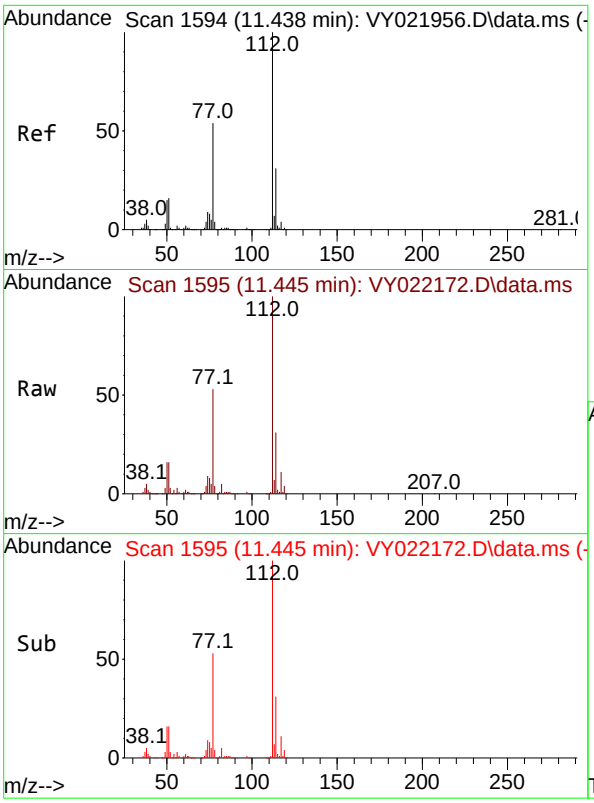


#64
Tetrachloroethene
Concen: 20.946 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:164 Resp: 62215

Ion	Ratio	Lower	Upper
164	100		
166	134.7	103.6	155.4
129	95.1	74.2	111.4
131	89.5	72.6	108.8

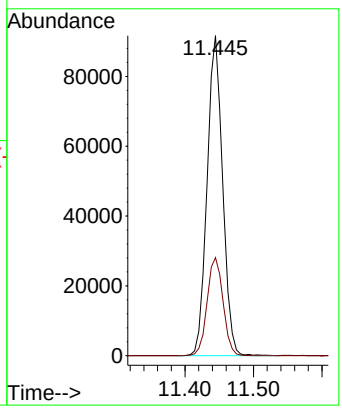




#65
Chlorobenzene
Concen: 20.536 ug/l
RT: 11.445 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:112 Resp: 14459

Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.0	37.4



Instrument :
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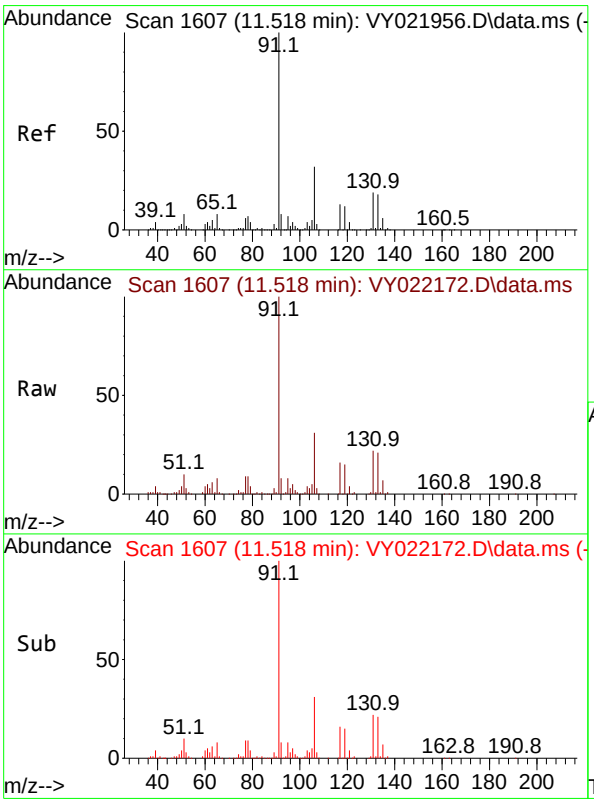
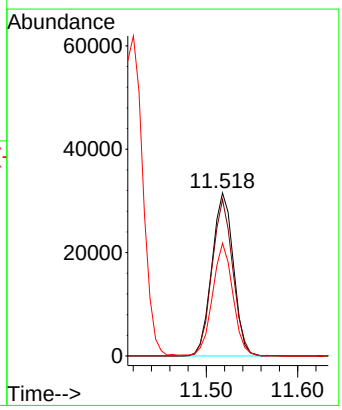
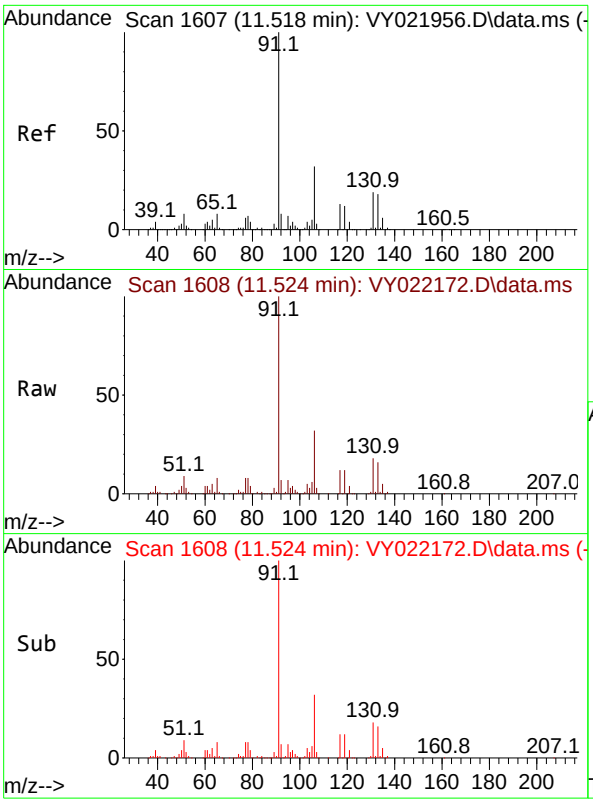


#66
1,1,1,2-Tetrachloroethane
Concen: 20.771 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:131 Resp: 51488

Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.8	143.3
119	65.9	32.4	97.0

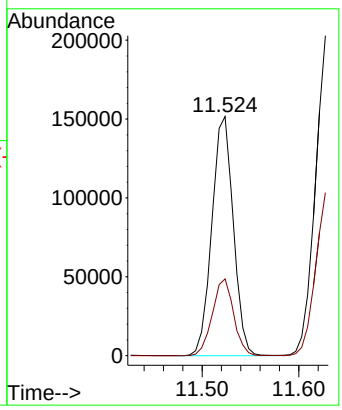




#67
Ethyl Benzene
Concen: 20.262 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 91 Resp: 23337

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.9	38.9



Instrument :
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ClientSampleId :
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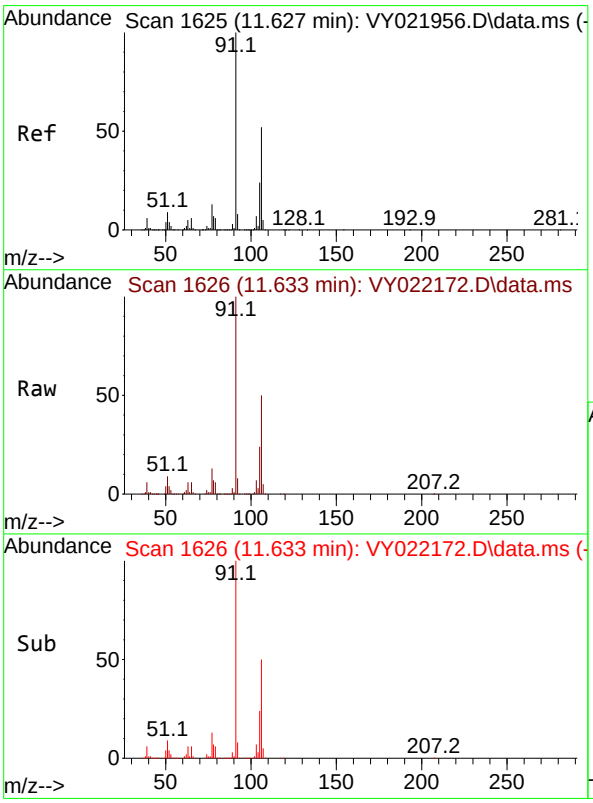
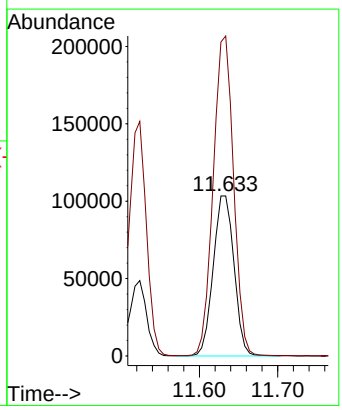
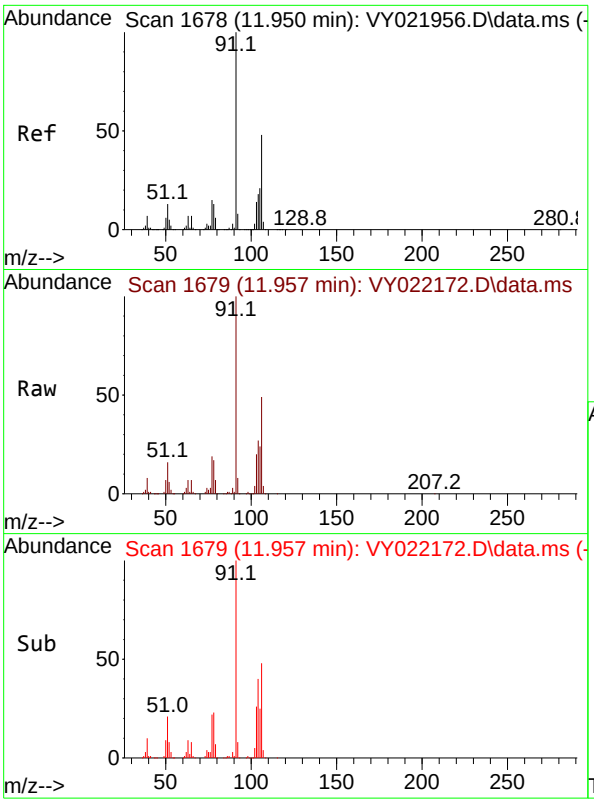


#68
m/p-Xylenes
Concen: 41.568 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:106 Resp: 190516

Ion	Ratio	Lower	Upper
106	100		
91	196.2	156.2	234.2





#69
o-Xylene
Concen: 20.336 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:106 Resp: 8590

Ion	Ratio	Lower	Upper
106	100		
91	203.5	103.0	308.9

Instrument :
MSVOA_Y
ClientSampleId :
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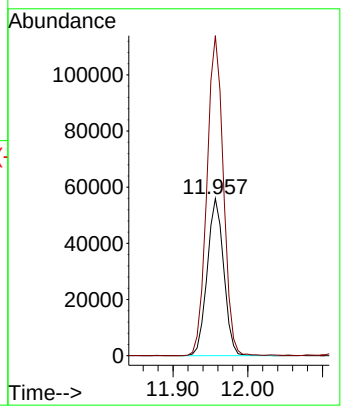
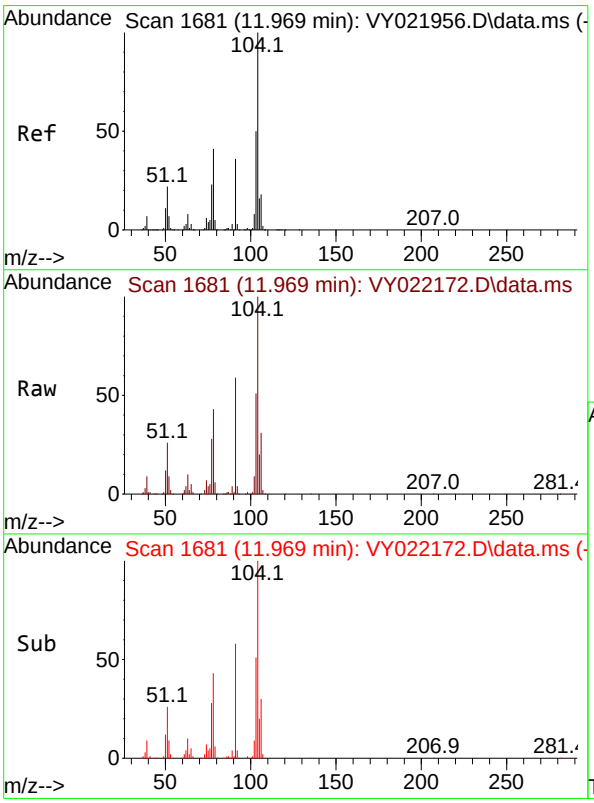
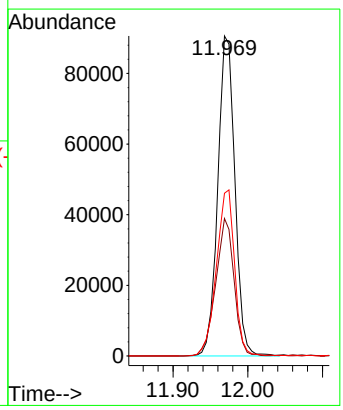


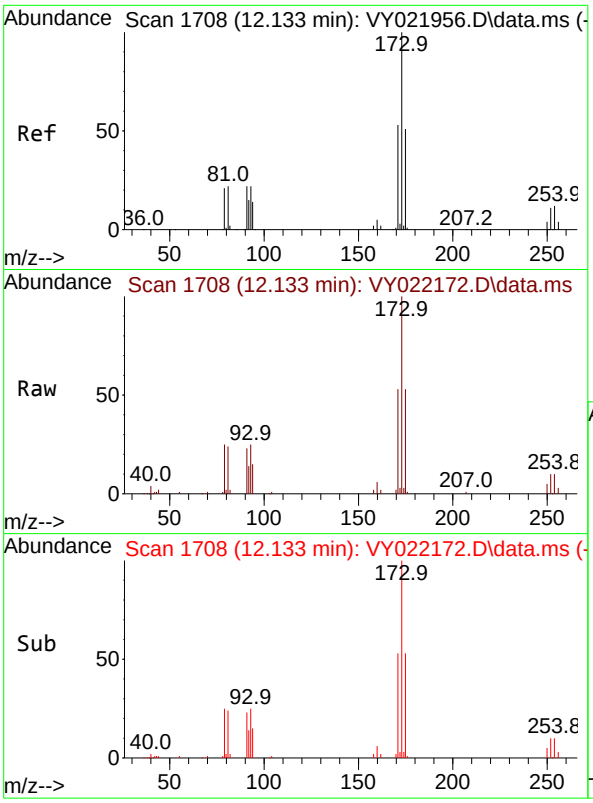


#70
Styrene
Concen: 20.422 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:104 Resp: 144849

Ion	Ratio	Lower	Upper
104	100		
78	46.0	36.6	54.8
103	55.4	43.8	65.8

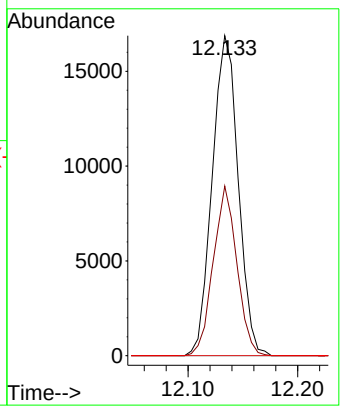




#71
Bromoform
Concen: 19.279 ug/l
RT: 12.133 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:173 Resp: 2778

Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.3	72.8
254	0.0	0.0	0.0



Instrument :
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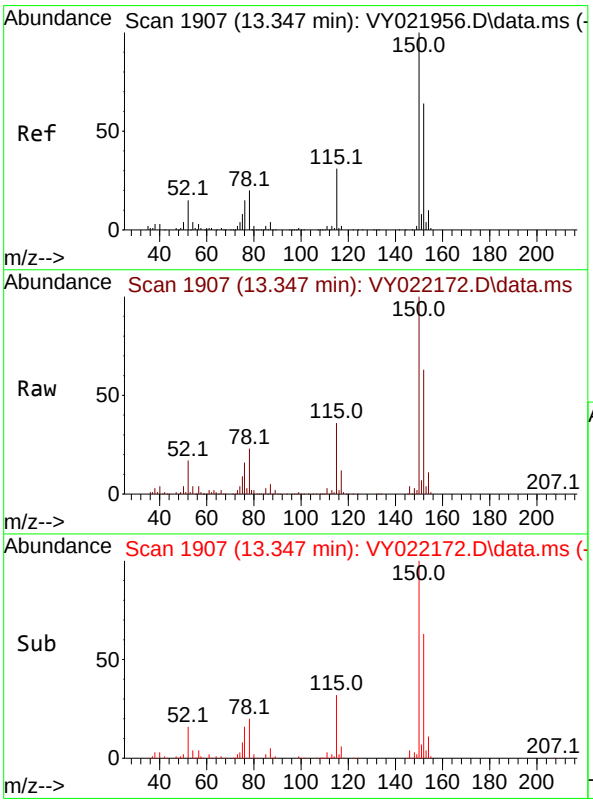
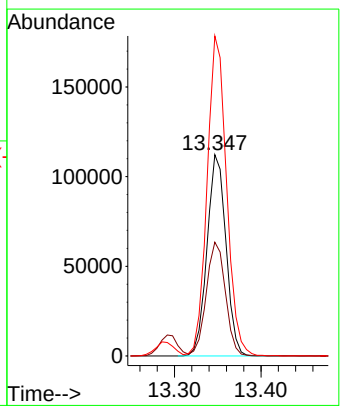
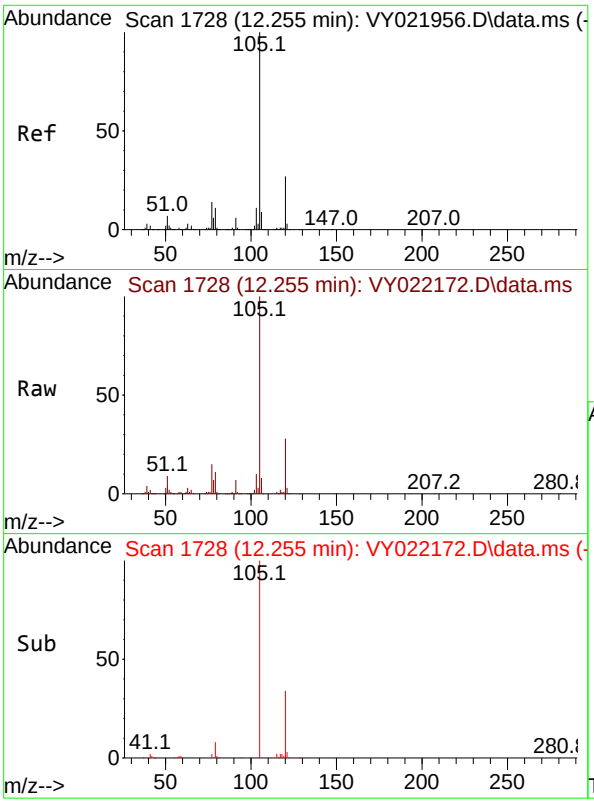


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:152 Resp: 170277

Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.0	84.0
150	163.7	0.0	345.6

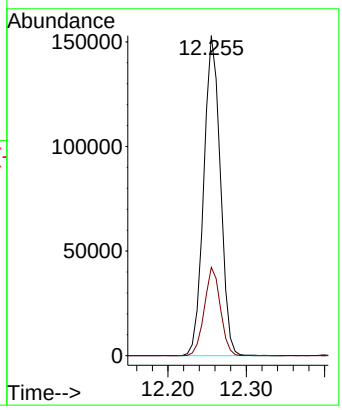




#73
Isopropylbenzene
Concen: 19.748 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:105 Resp: 22466

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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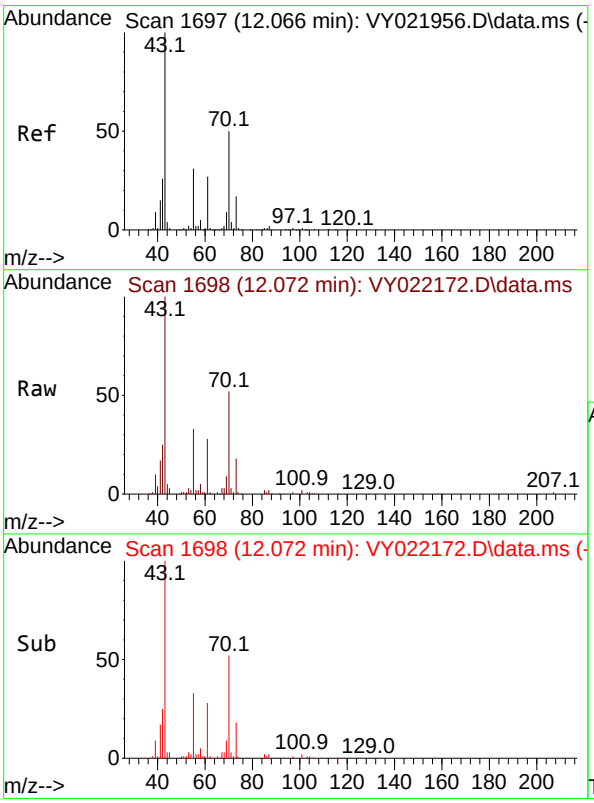
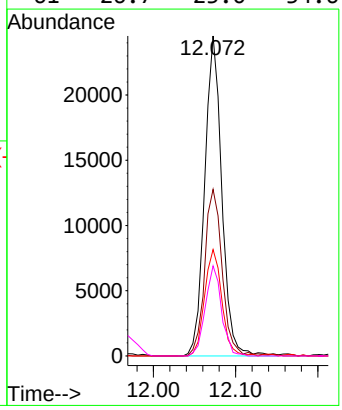
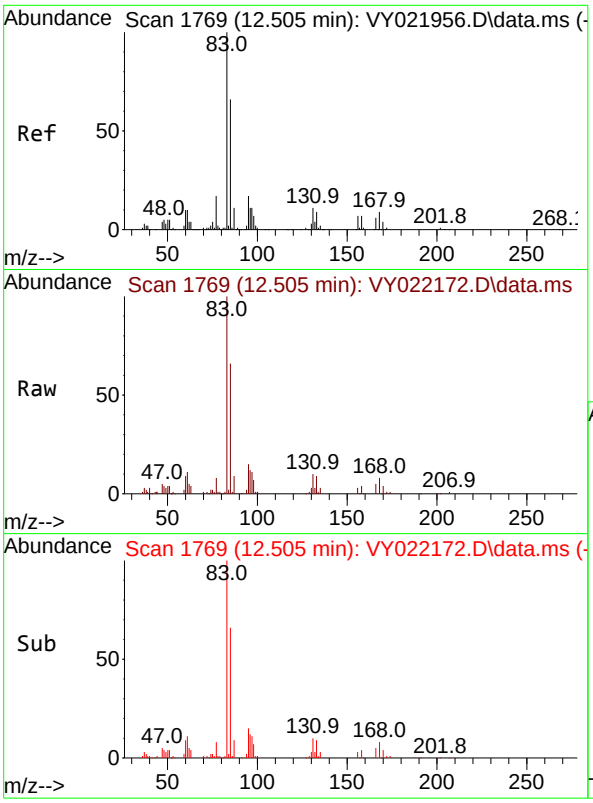


#74
N-amyl acetate
Concen: 18.202 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 43 Resp: 35576

Ion	Ratio	Lower	Upper
43	100		
70	53.3	43.2	64.8
55	33.4	25.7	38.5
61	26.7	23.0	34.6

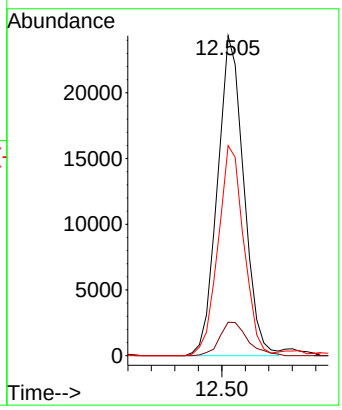




#75
1,1,2,2-Tetrachloroethane
Concen: 19.707 ug/l
RT: 12.505 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 83 Resp: 3779

Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.5	16.4
85	64.8	32.3	96.8



Instrument :
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ClientSampleId :
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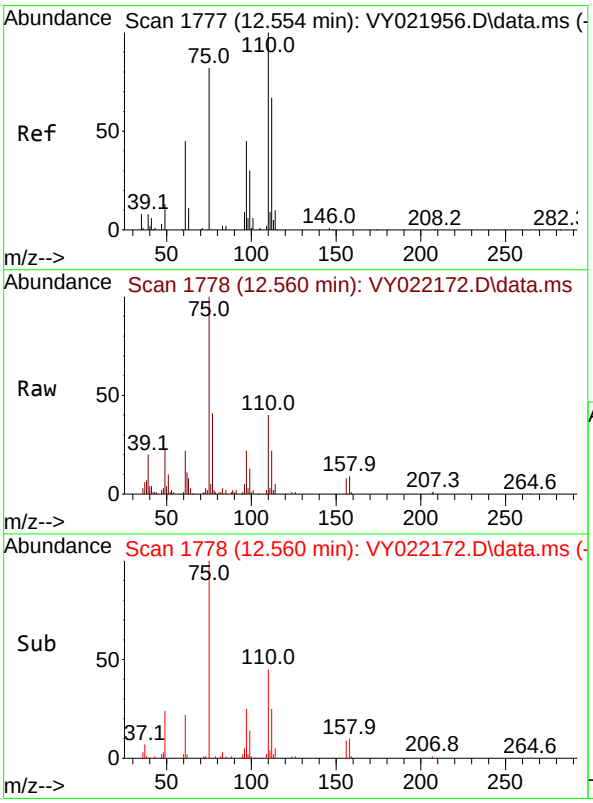
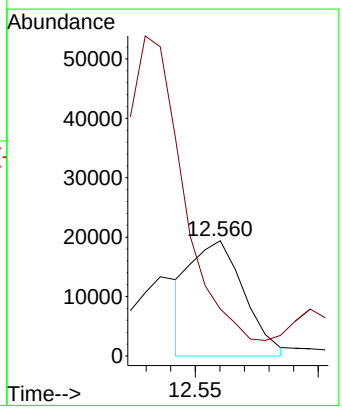
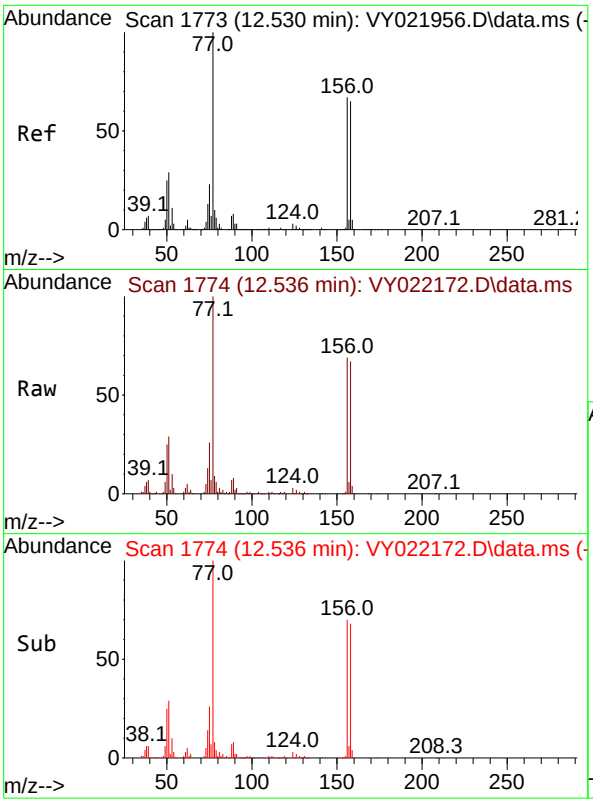


#76
1,2,3-Trichloropropane
Concen: 20.180 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 29433

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

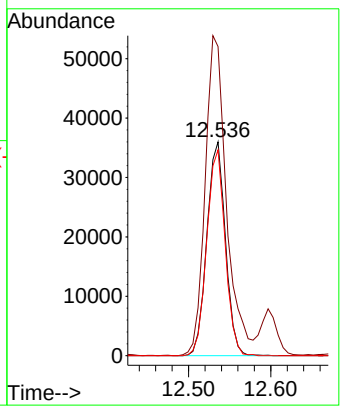




#77
Bromobenzene
Concen: 19.621 ug/l
RT: 12.536 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:156 Resp: 5640

Ion	Ratio	Lower	Upper
156	100		
77	172.1	82.7	248.1
158	95.7	48.1	144.4



Instrument :
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ClientSampleId :
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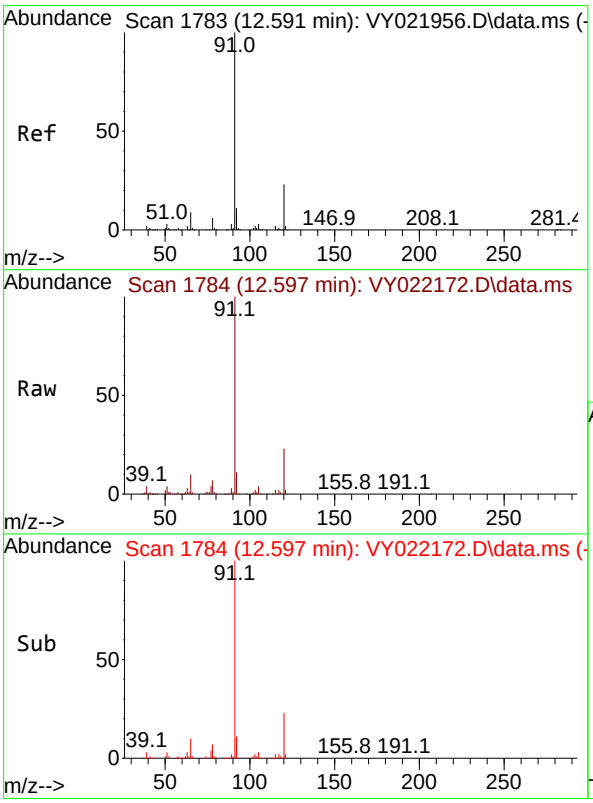
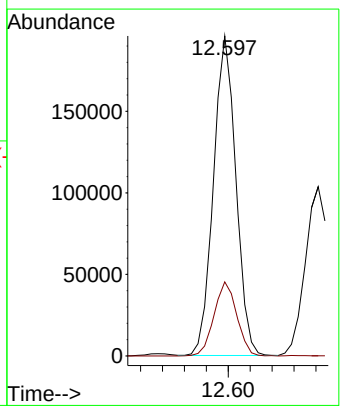
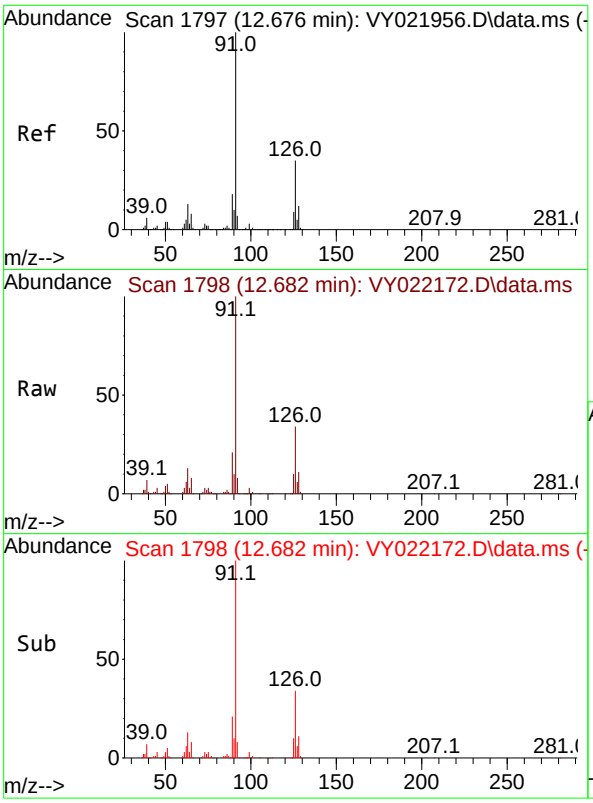


#78
n-propylbenzene
Concen: 20.576 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 91 Resp: 278758

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5

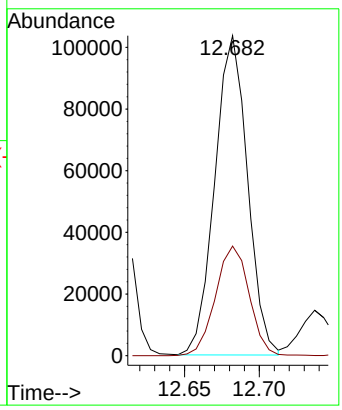




#79
2-Chlorotoluene
Concen: 19.996 ug/l
RT: 12.682 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 91 Resp: 15754

Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

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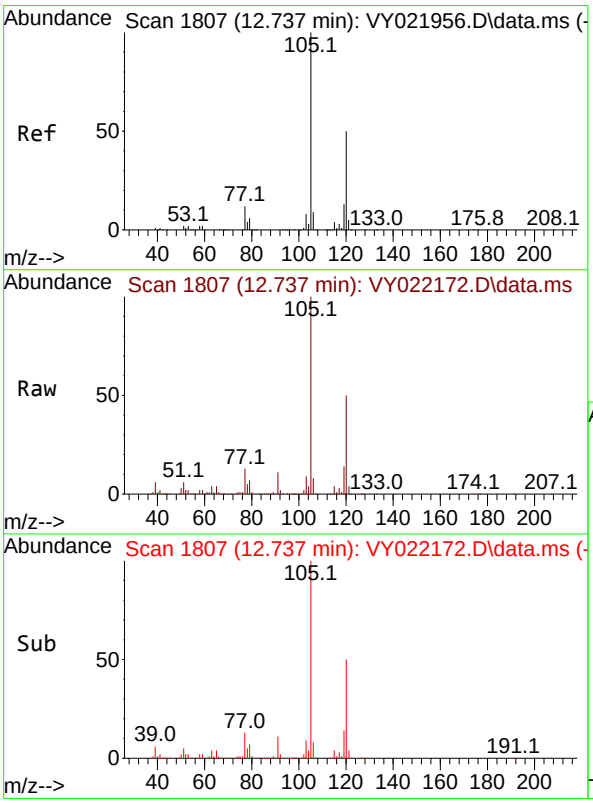
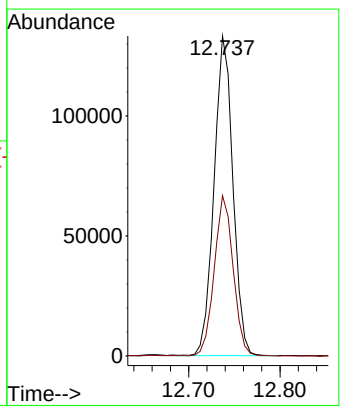
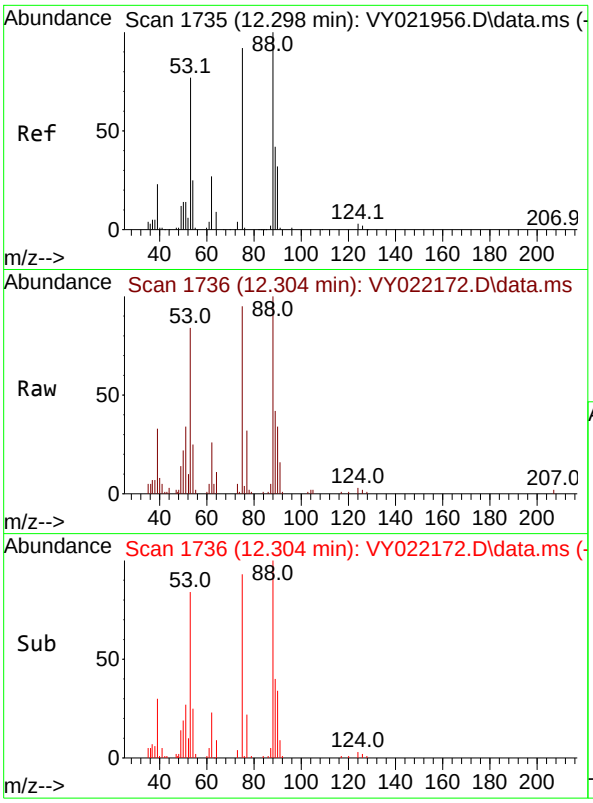


#80
1,3,5-Trimethylbenzene
Concen: 20.325 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:105 Resp: 190512

Ion	Ratio	Lower	Upper
105	100		
120	50.4	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.592 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 1186

Ion	Ratio	Lower	Upper
75	100		
53	84.1	66.0	99.0
89	45.7	37.2	55.8

Instrument :
MSVOA_Y
ClientSampleId :
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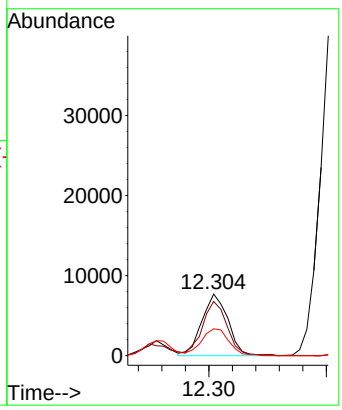
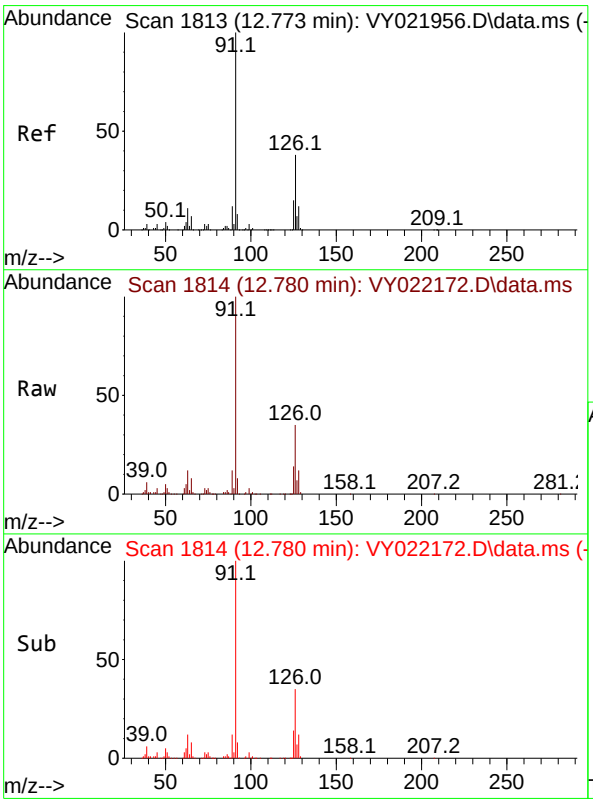
Supervised By :Semsettin Yesilyurt 05/07/2025

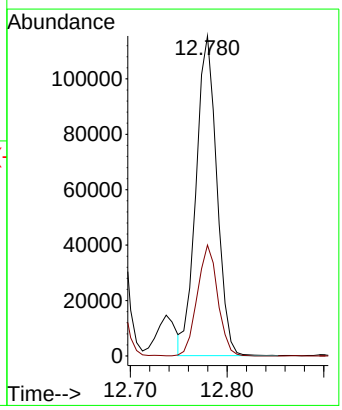


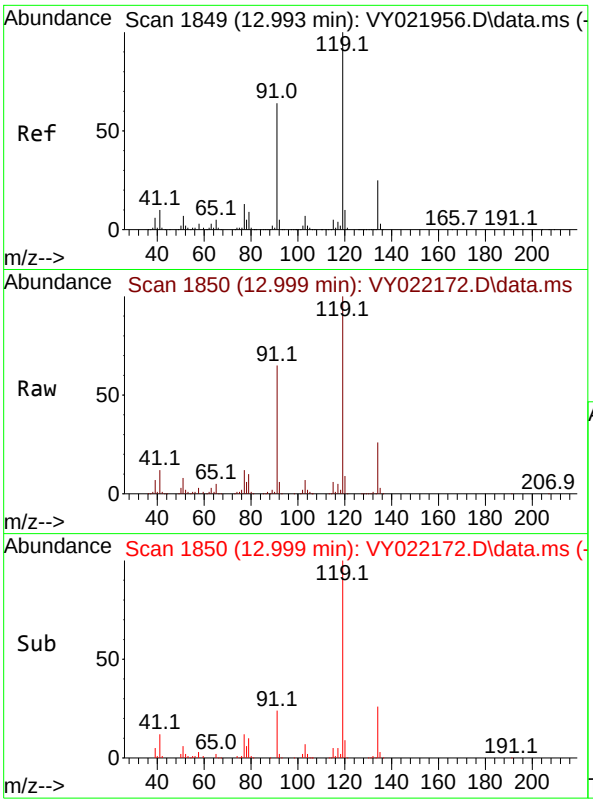


#82
4-Chlorotoluene
Concen: 21.012 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 91 Resp: 172094

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.9	53.8





#83
tert-Butylbenzene
Concen: 19.486 ug/l
RT: 12.999 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

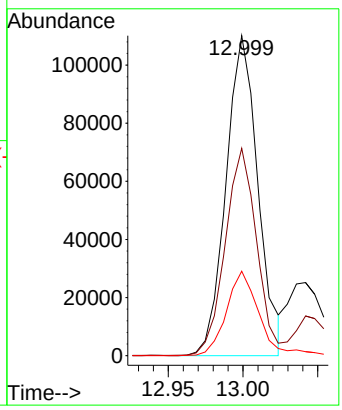
Tgt Ion:119 Resp: 16381

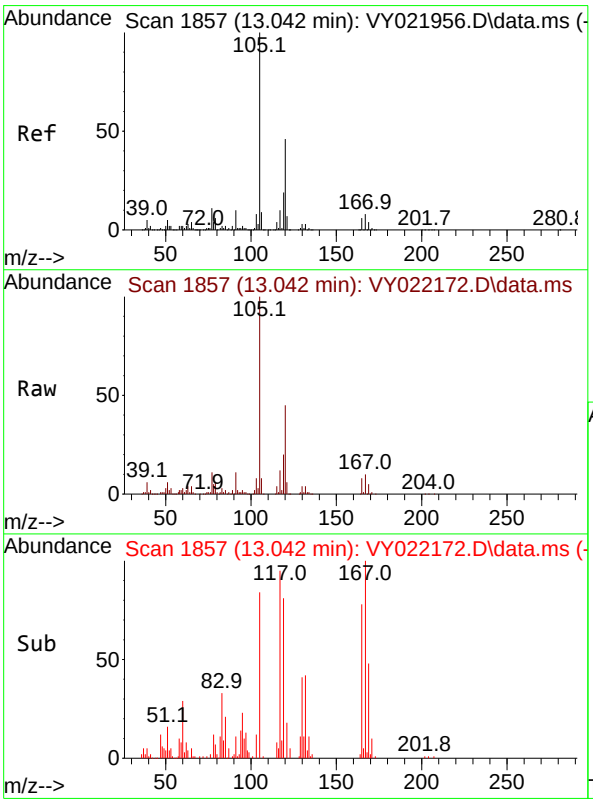
Ion	Ratio	Lower	Upper
119	100		
91	63.3	30.3	90.9
134	27.0	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

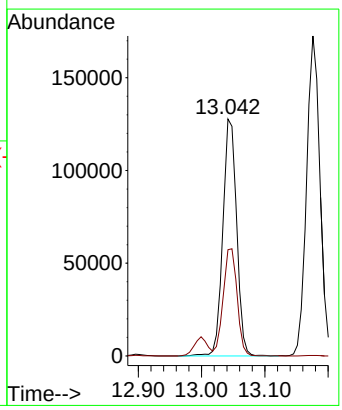


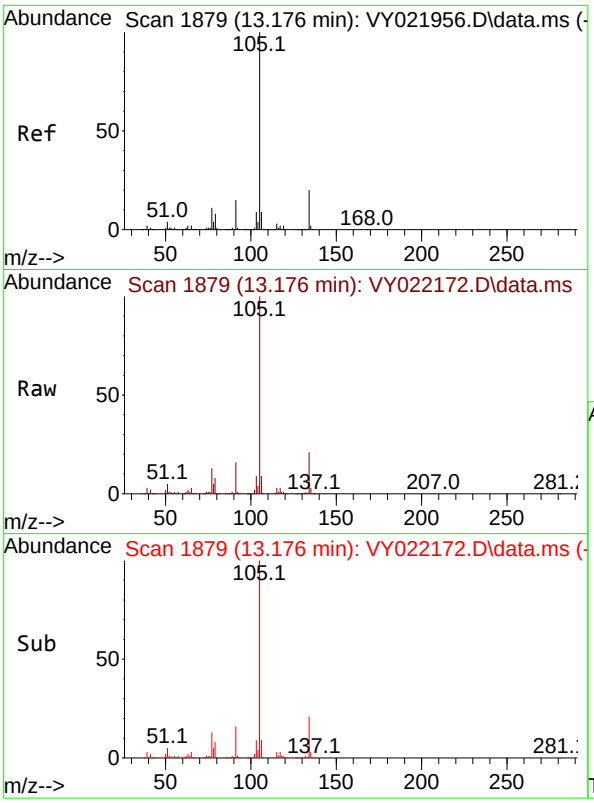


#84
1,2,4-Trimethylbenzene
Concen: 20.568 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:105 Resp: 192841

Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.4	70.0





#85
sec-Butylbenzene
Concen: 20.508 ug/l
RT: 13.176 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

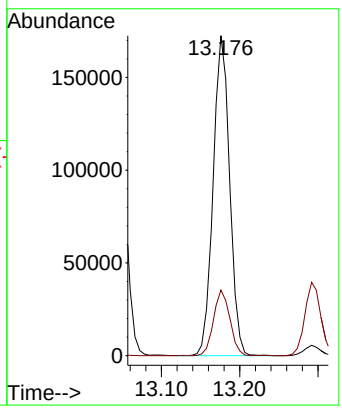
Tgt Ion:105 Resp: 25227

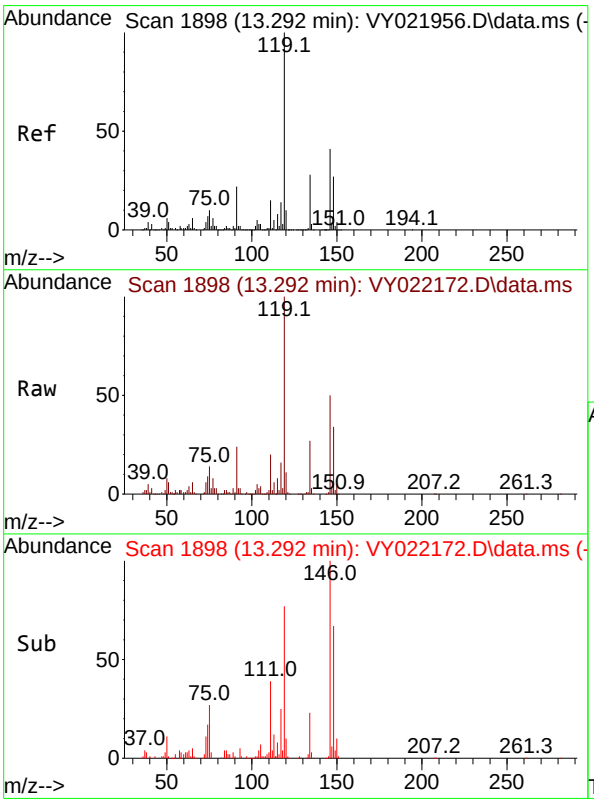
Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.3	30.9

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

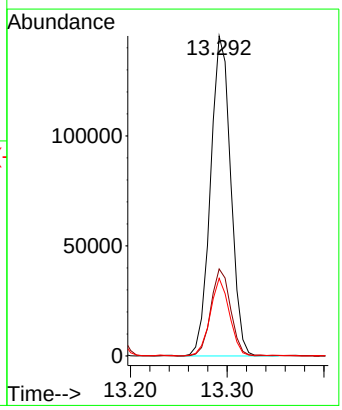


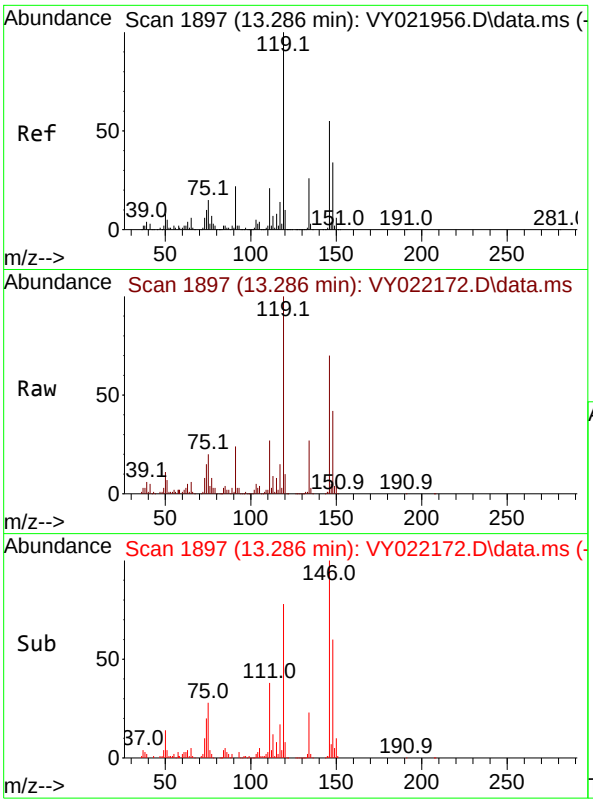


#86
p-Isopropyltoluene
Concen: 20.188 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:119 Resp: 210881

Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.6	40.7
91	23.0	11.0	33.0





#87
1,3-Dichlorobenzene
Concen: 20.197 ug/l
RT: 13.286 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

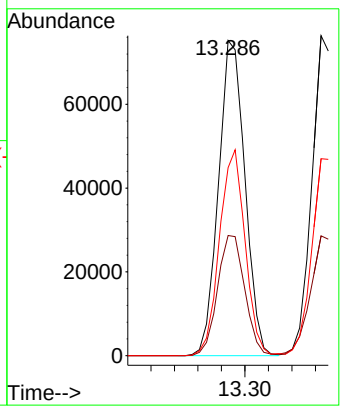
Tgt Ion:146 Resp: 11791

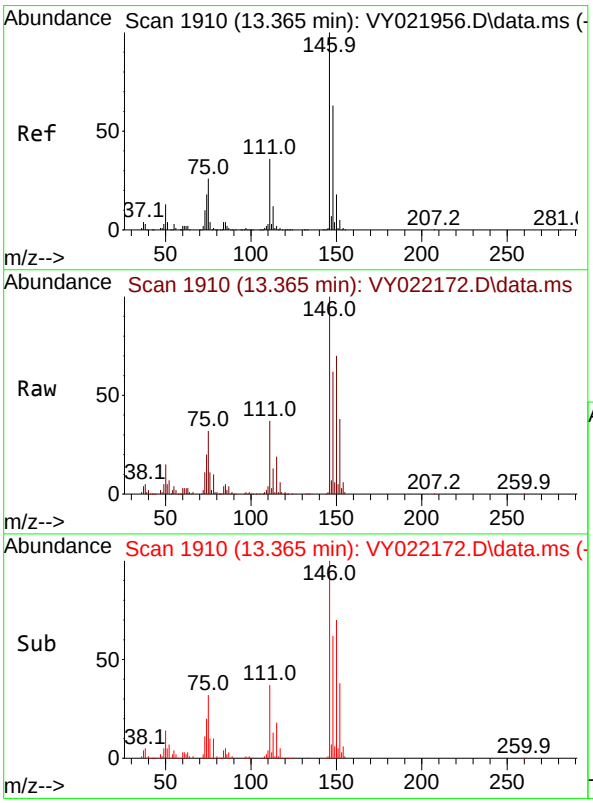
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.5
148	63.4	32.0	96.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

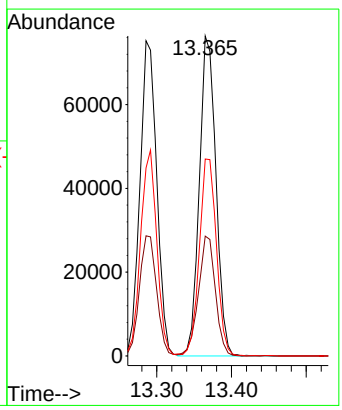


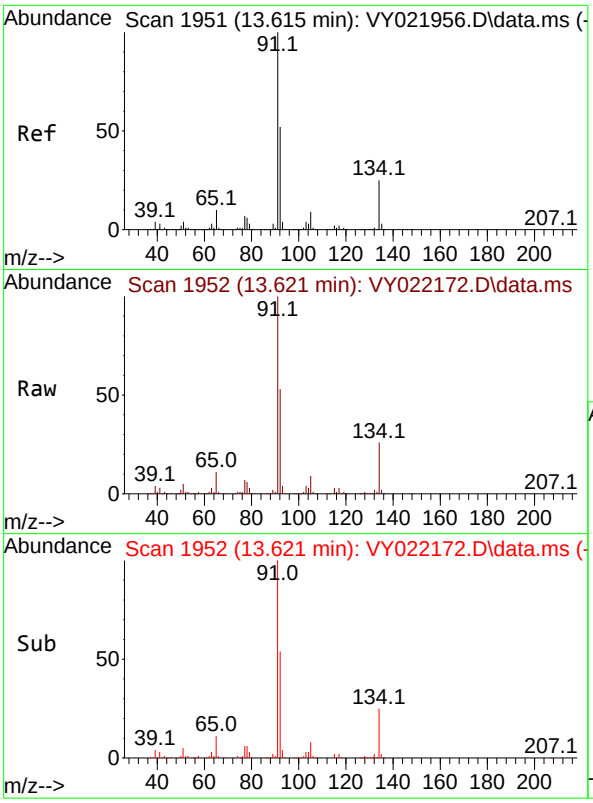


#88
1,4-Dichlorobenzene
Concen: 20.378 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:146 Resp: 117834

Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.2	57.6
148	63.3	32.0	96.0

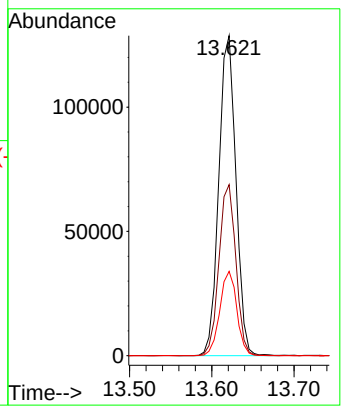




#89
n-Butylbenzene
Concen: 19.969 ug/l
RT: 13.621 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 91 Resp: 18644

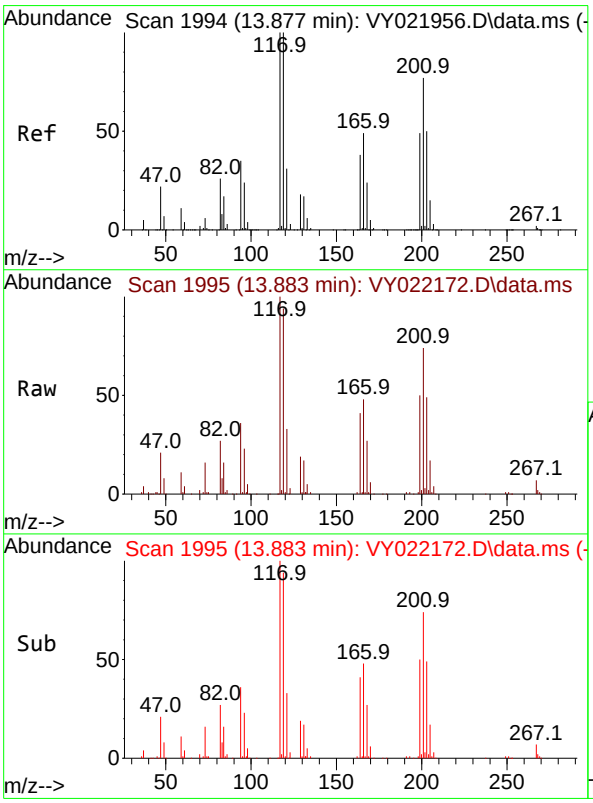
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.5
134	26.2	13.4	40.1



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

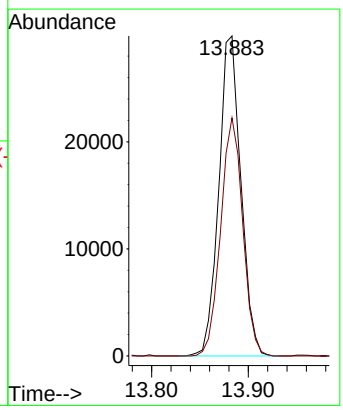
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

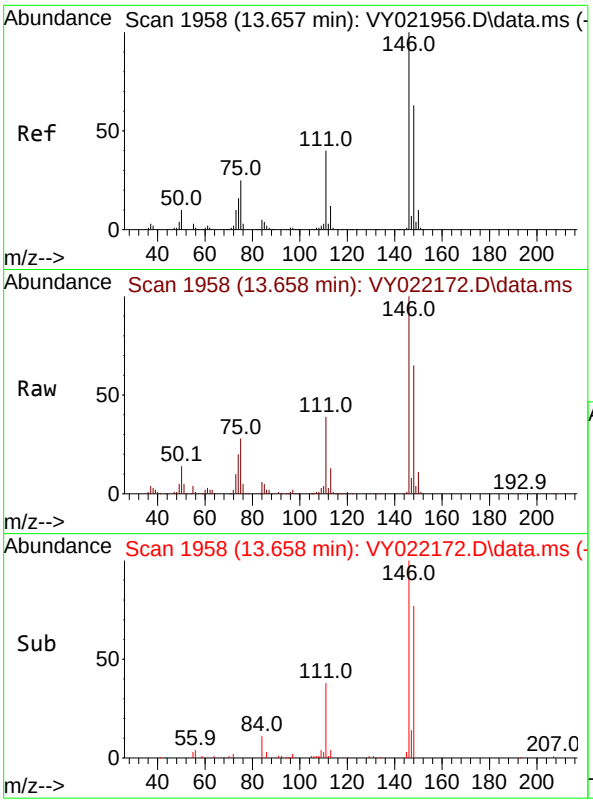


#90
Hexachloroethane
Concen: 20.665 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:117 Resp: 47427

Ion	Ratio	Lower	Upper
117	100		
201	74.0	38.7	116.1

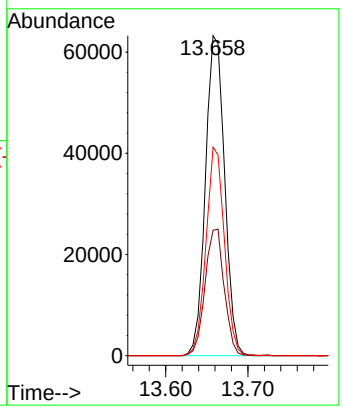




#91
1,2-Dichlorobenzene
Concen: 20.168 ug/l
RT: 13.658 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:146 Resp: 10270

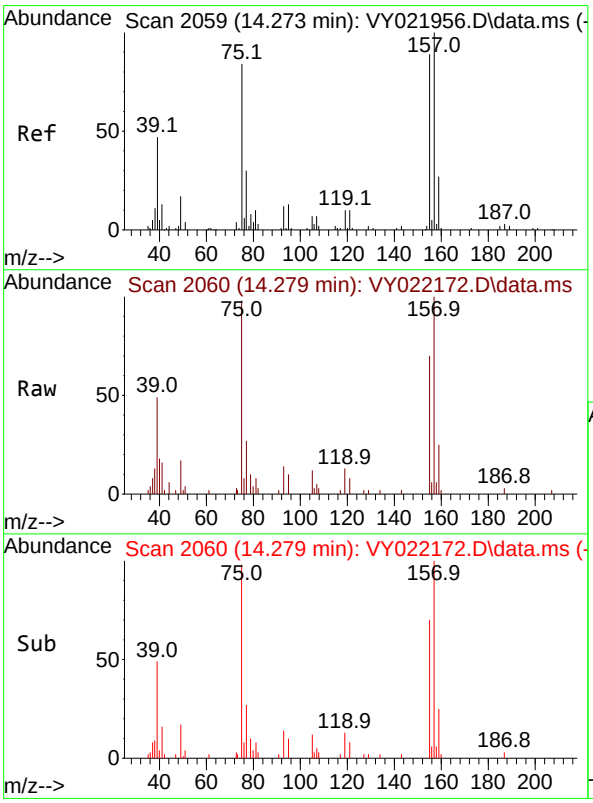
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.1
148	62.5	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

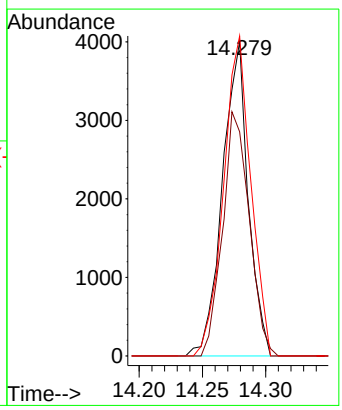
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

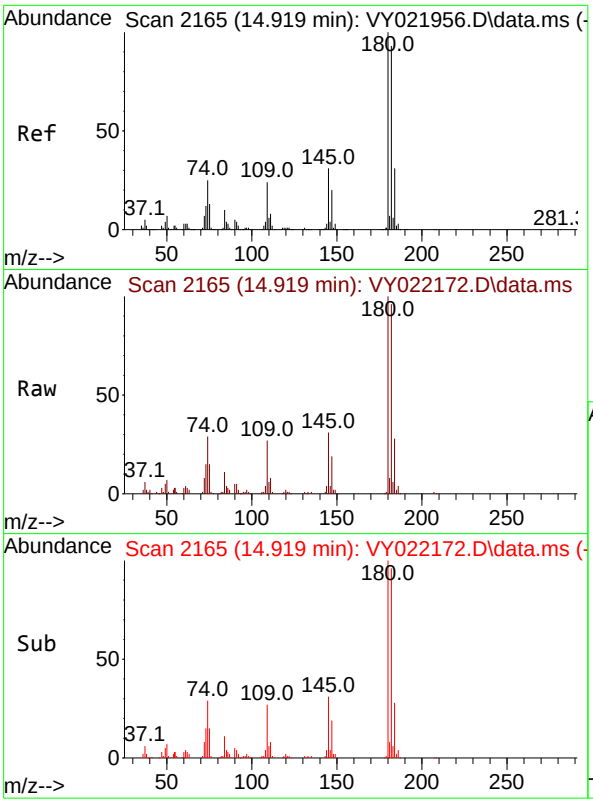


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.542 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion: 75 Resp: 5658

Ion	Ratio	Lower	Upper
75	100		
155	80.5	50.7	152.3
157	107.8	62.6	187.8

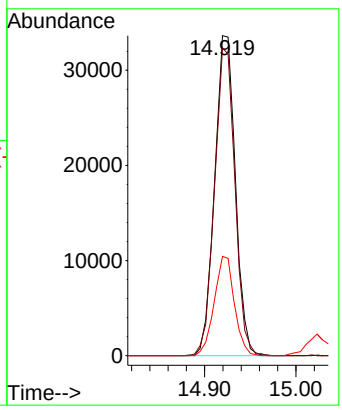




#93
1,2,4-Trichlorobenzene
Concen: 18.324 ug/l
RT: 14.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:180 Resp: 5287

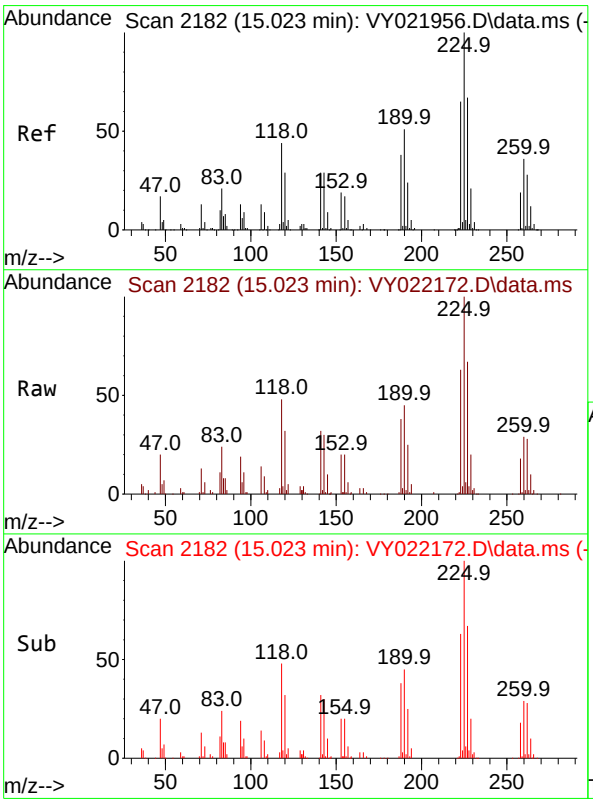
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.4
145	30.3	15.0	45.0



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

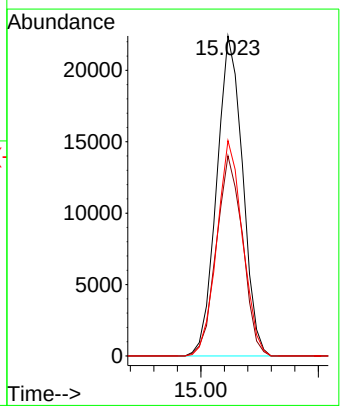
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

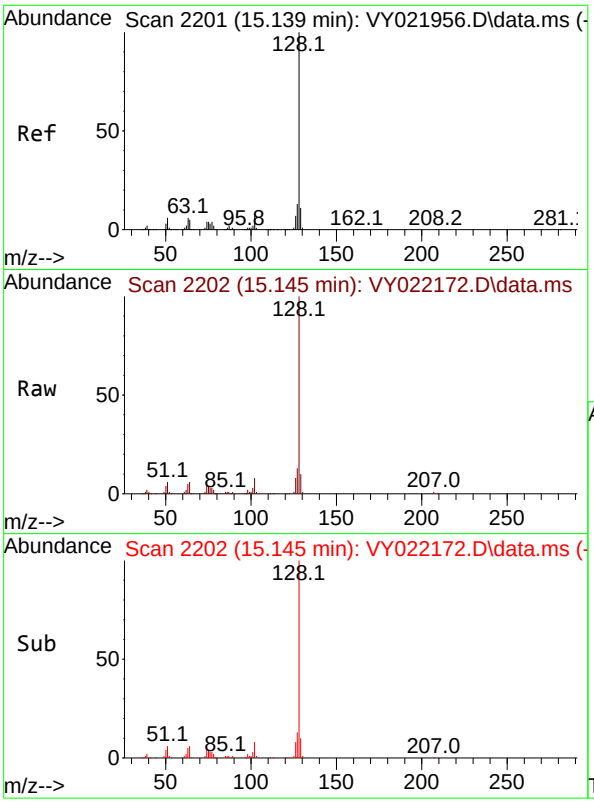


#94
Hexachlorobutadiene
Concen: 19.374 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:225 Resp: 34398

Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.5
227	66.7	32.3	96.9

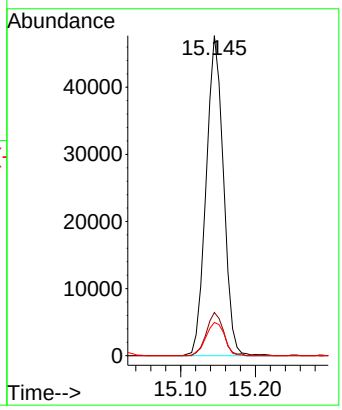




#95
Naphthalene
Concen: 16.037 ug/l
RT: 15.145 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:128 Resp: 7687

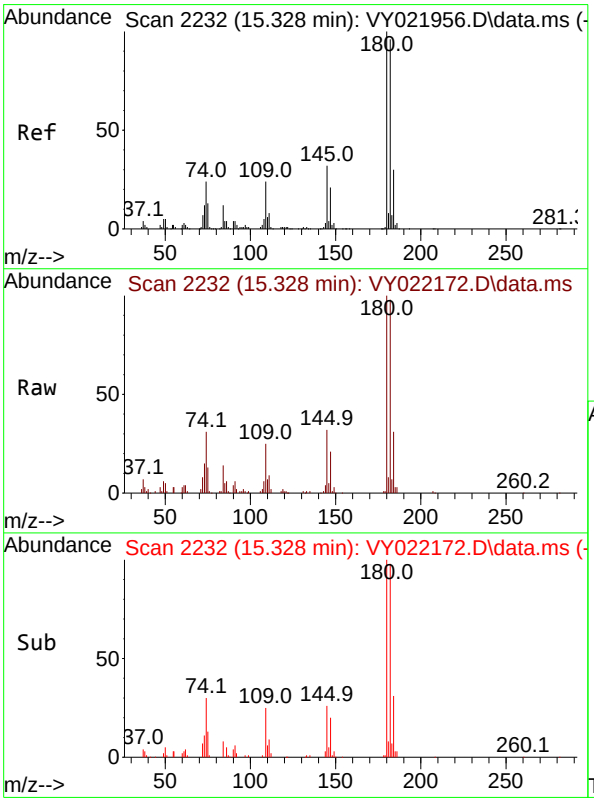
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.2	8.9	13.3



Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

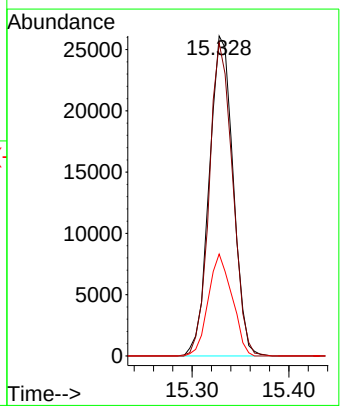
Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.007 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY022172.D
Acq: 06 May 2025 10:17

Tgt Ion:180 Resp: 44854

Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.4
145	31.6	16.0	48.0



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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	
Client Sample ID:	VX0430WBSD01	SDG No.:	Q1914
Lab Sample ID:	VX0430WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045989.D	1		04/30/25 11:46	VX043025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
71-43-2	Benzene	20.1		0.15	1.00	ug/L
108-88-3	Toluene	20.5		0.14	1.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	1.00	ug/L
1330-20-7	Total Xylenes	62.4		0.36	3.00	ug/L
98-82-8	Isopropylbenzene	20.1		0.12	1.00	ug/L
103-65-1	n-propylbenzene	19.8		0.13	1.00	ug/L
108-67-8	1,3,5-Trimethylbenzene	20.3		0.15	1.00	ug/L
98-06-6	tert-Butylbenzene	20.6		0.14	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.6		0.14	1.00	ug/L
135-98-8	sec-Butylbenzene	20.6		0.13	1.00	ug/L
99-87-6	p-Isopropyltoluene	20.7		0.13	1.00	ug/L
104-51-8	n-Butylbenzene	20.2		0.15	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		75 - 124	113%	SPK: 50
2037-26-5	Toluene-d8	52.0		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.5		77 - 121	113%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	77100	5.544			
540-36-3	1,4-Difluorobenzene	133000	6.757			
3114-55-4	Chlorobenzene-d5	120000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	58000	12.018			

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\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	77091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76548	54.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.600%			
35) Dibromofluoromethane	5.373	113	53152	56.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.060%			
50) Toluene-d8	8.647	98	170578	51.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	11.079	95	67546	56.502	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19802	17.176	ug/l	100
3) Chloromethane	1.313	50	19172	16.187	ug/l	99
4) Vinyl Chloride	1.374	62	18020	16.625	ug/l	98
5) Bromomethane	1.593	94	8899	17.315	ug/l	90
6) Chloroethane	1.672	64	11286	19.625	ug/l	97
7) Trichlorofluoromethane	1.874	101	31149	19.271	ug/l	99
8) Diethyl Ether	2.130	74	10936	20.153	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	19835	20.942	ug/l	95
10) Methyl Iodide	2.441	142	21014	17.788	ug/l	96
11) Tert butyl alcohol	2.971	59	23847	125.865	ug/l	99
12) 1,1-Dichloroethene	2.313	96	17147	18.528	ug/l	99
13) Acrolein	2.239	56	24855	95.264	ug/l	99
14) Allyl chloride	2.654	41	35280	20.091	ug/l	98
15) Acrylonitrile	3.062	53	68503	114.540	ug/l	99
16) Acetone	2.380	43	64597	111.586	ug/l	99
17) Carbon Disulfide	2.502	76	30965	13.547	ug/l	97
18) Methyl Acetate	2.703	43	41923	31.454	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	70251	21.699	ug/l	98
20) Methylene Chloride	2.782	84	21419	19.763	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	17388	18.390	ug/l	100
22) Diisopropyl ether	3.757	45	73121	21.139	ug/l #	86
23) Vinyl Acetate	3.721	43	305094	102.087	ug/l	100
24) 1,1-Dichloroethane	3.605	63	39868	20.380	ug/l	99
25) 2-Butanone	4.556	43	99066	116.907	ug/l	99
26) 2,2-Dichloropropane	4.465	77	28118	22.247	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	22576	19.599	ug/l	96
28) Bromochloromethane	4.885	49	21046	22.263	ug/l	98
29) Tetrahydrofuran	5.007	42	61153	111.310	ug/l	99
30) Chloroform	5.093	83	42259	20.994	ug/l	97
31) Cyclohexane	5.464	56	30753	17.783	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	35070	20.590	ug/l	99
36) 1,1-Dichloropropene	5.684	75	24998	19.690	ug/l	98
37) Ethyl Acetate	4.715	43	36276	22.673	ug/l	100
38) Carbon Tetrachloride	5.672	117	29859	21.761	ug/l	95
39) Methylcyclohexane	7.373	83	30124	19.357	ug/l	97
40) Benzene	6.031	78	78100	20.142	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	20886	24.741	ug/l		99
42) 1,2-Dichloroethane	6.080	62	36192	22.599	ug/l		100
43) Isopropyl Acetate	6.336	43	55432	22.859	ug/l		99
44) Trichloroethene	7.123	130	18593	20.175	ug/l		98
45) 1,2-Dichloropropane	7.427	63	20323	21.007	ug/l		100
46) Dibromomethane	7.580	93	16754	22.559	ug/l		98
47) Bromodichloromethane	7.818	83	32842	22.144	ug/l		96
48) Methyl methacrylate	7.696	41	29705	23.725	ug/l		95
49) 1,4-Dioxane	7.659	88	11882	524.532	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	200655	124.822	ug/l		99
52) Toluene	8.714	92	48144	20.520	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	27195	20.484	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	30656	21.995	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	21327	22.811	ug/l		96
56) Ethyl methacrylate	9.116	69	33367	23.060	ug/l		98
57) 1,3-Dichloropropane	9.305	76	37428	22.989	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	82443	112.632	ug/l		99
59) 2-Hexanone	9.427	43	148985	125.154	ug/l		99
60) Dibromochloromethane	9.519	129	23601	23.155	ug/l		97
61) 1,2-Dibromoethane	9.610	107	21044	22.235	ug/l		99
64) Tetrachloroethene	9.269	164	16952	20.089	ug/l		94
65) Chlorobenzene	10.079	112	53134	20.805	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	19451	21.937	ug/l		100
67) Ethyl Benzene	10.189	91	94433	20.646	ug/l		100
68) m/p-Xylenes	10.299	106	68936	41.438	ug/l		99
69) o-Xylene	10.640	106	34475	21.036	ug/l		97
70) Styrene	10.652	104	58136	21.493	ug/l		99
71) Bromoform	10.799	173	14163	21.393	ug/l	#	96
73) Isopropylbenzene	10.957	105	93397	20.114	ug/l		99
74) N-amyl acetate	10.841	43	46998	21.159	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35853	21.980	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30347m	21.461	ug/l		
77) Bromobenzene	11.195	156	21288	19.842	ug/l		100
78) n-propylbenzene	11.299	91	105745	19.771	ug/l		100
79) 2-Chlorotoluene	11.360	91	67959	19.875	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	78107	20.342	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8046	19.312	ug/l		94
82) 4-Chlorotoluene	11.451	91	77828	20.415	ug/l		100
83) tert-Butylbenzene	11.713	119	78473	20.643	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	79237	20.560	ug/l		98
85) sec-Butylbenzene	11.890	105	96175	20.598	ug/l		99
86) p-Isopropyltoluene	12.006	119	79550	20.666	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	40079	20.522	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	40092	20.249	ug/l		97
89) n-Butylbenzene	12.329	91	67485	20.217	ug/l		99
90) Hexachloroethane	12.536	117	13797	20.856	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	40561	20.890	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8302	24.336	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	22099	20.447	ug/l		98
94) Hexachlorobutadiene	13.725	225	9861	21.173	ug/l		97
95) Naphthalene	13.774	128	83334	20.719	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23622	20.872	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

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\VX043025\
Data File : VX045989.D
Acq On : 30 Apr 2025 11:46
Operator : JC/MD
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 01 03:36:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations APPROVED

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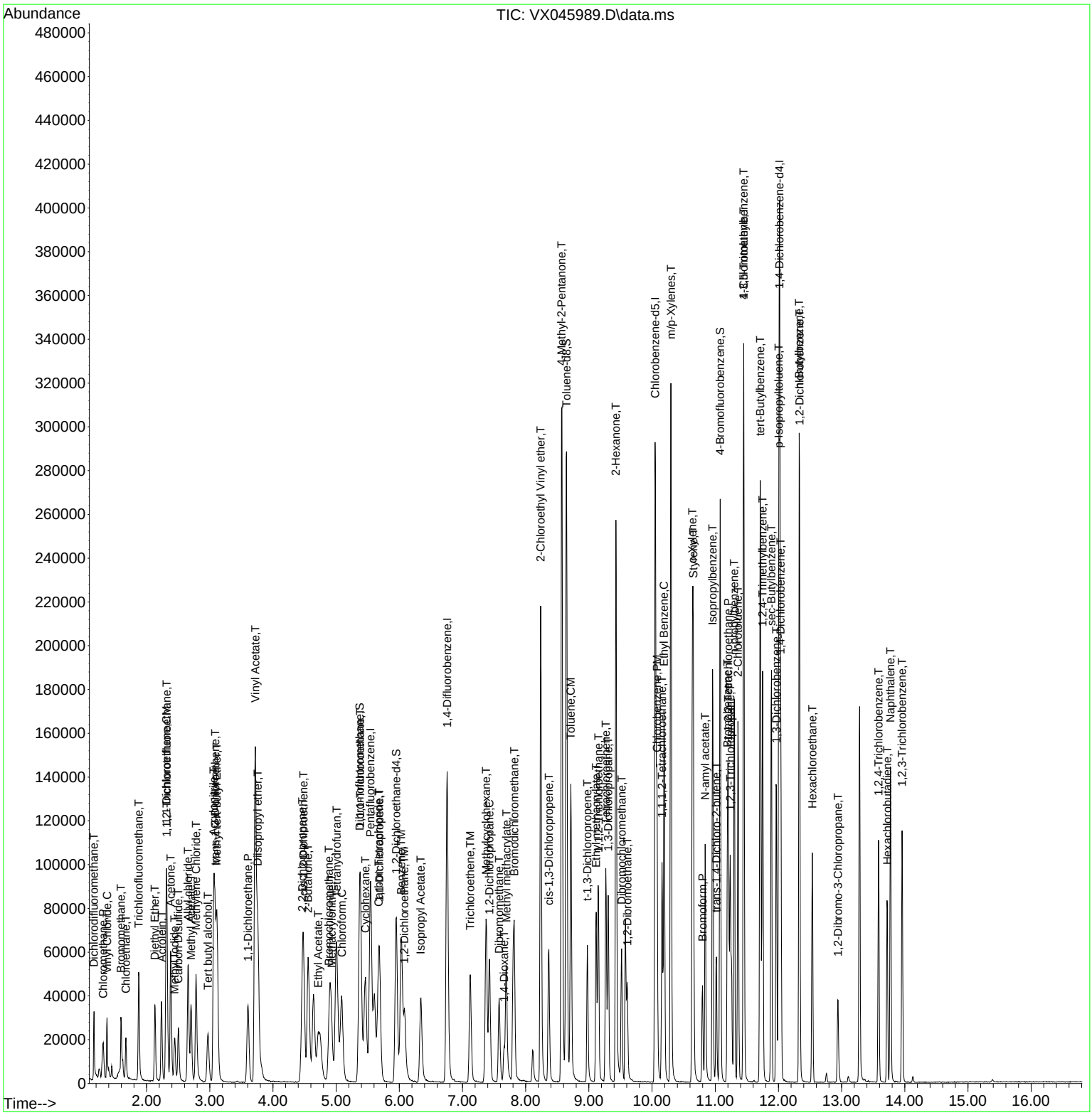
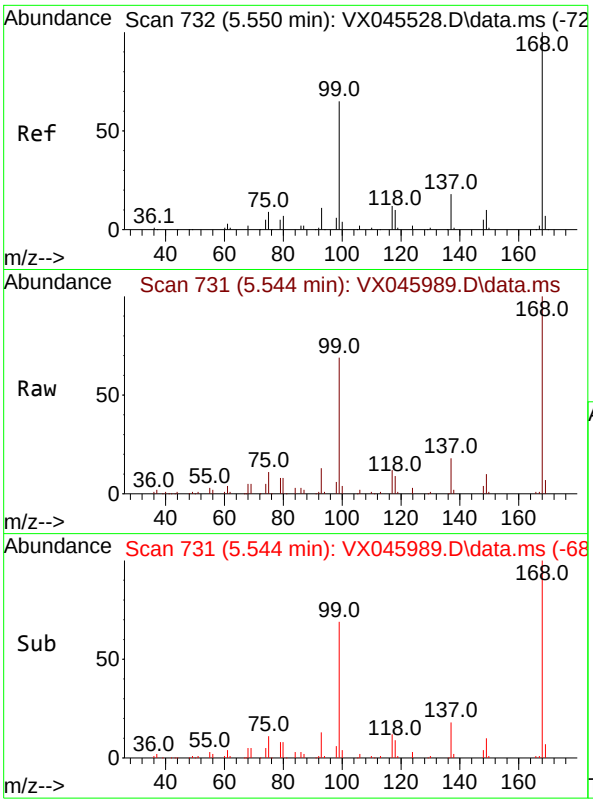
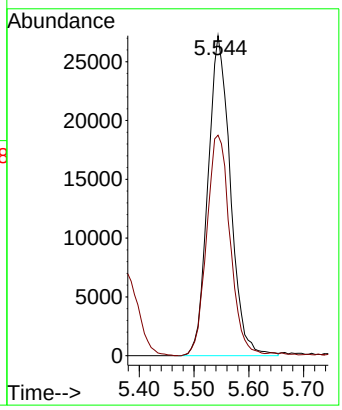




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:168 Resp: 7709

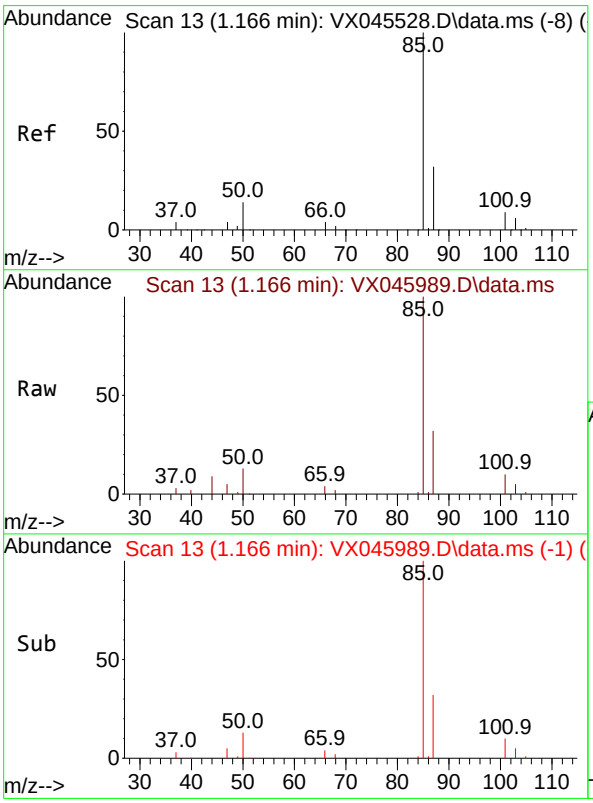
Ion	Ratio	Lower	Upper
168	100		
99	68.9	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

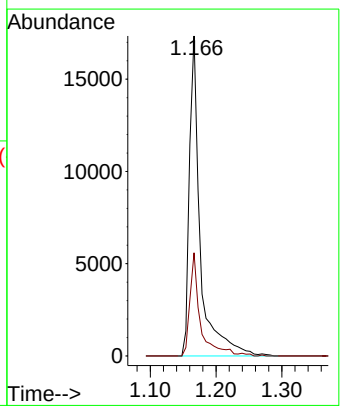
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

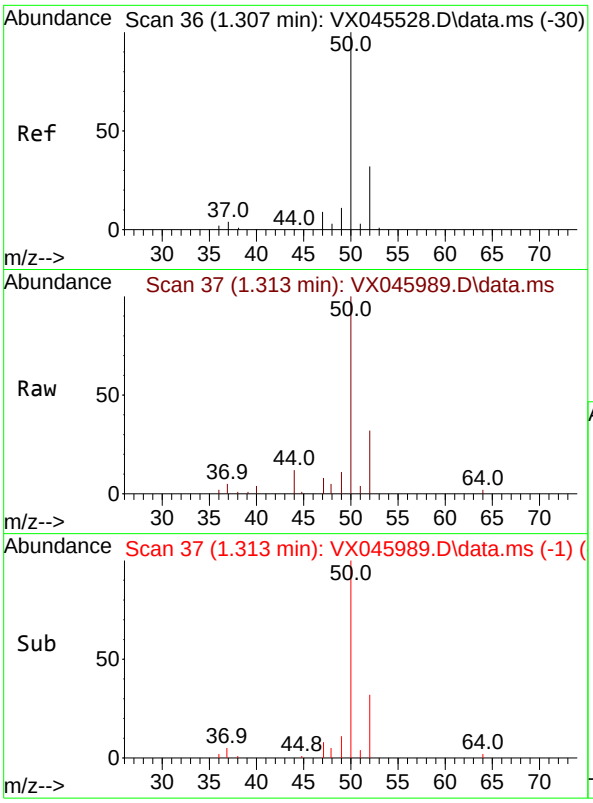


#2
Dichlorodifluoromethane
Concen: 17.176 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 85 Resp: 19802

Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.1	48.2

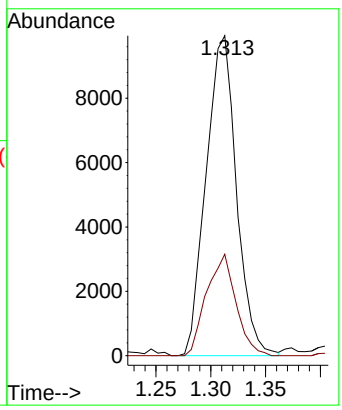




#3
Chloromethane
Concen: 16.187 ug/l
RT: 1.313 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 50 Resp: 1917

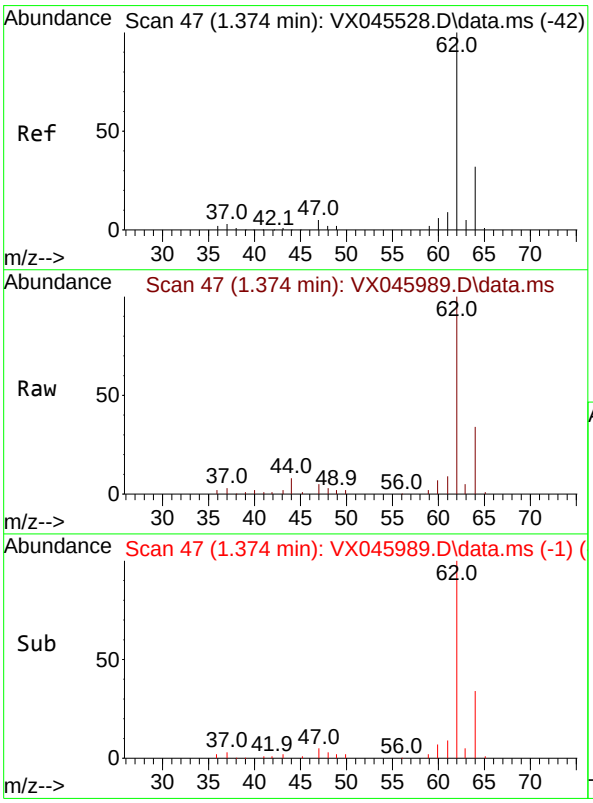
Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.9	38.9



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

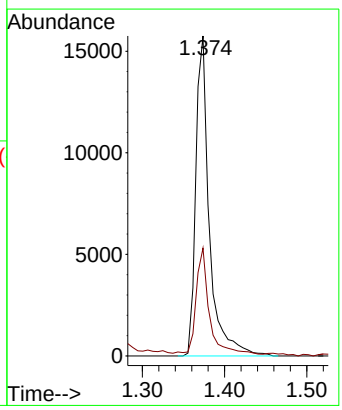
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

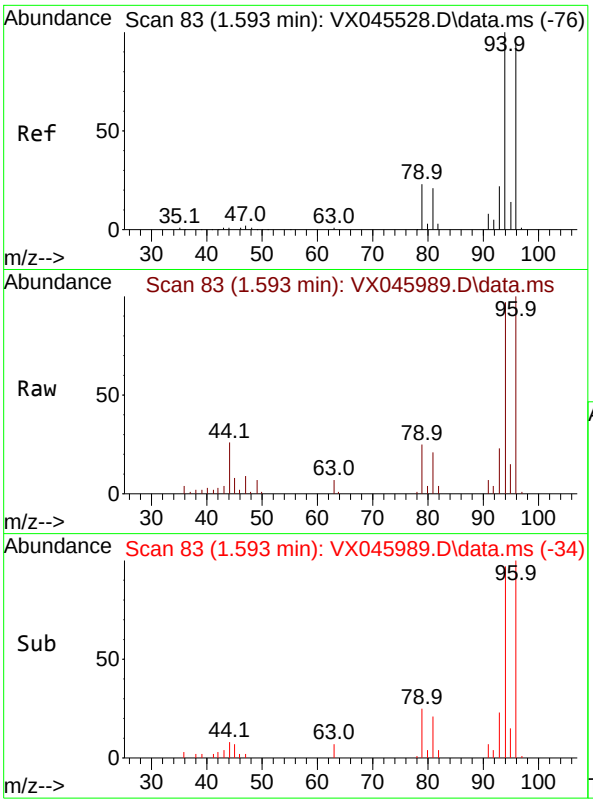


#4
Vinyl Chloride
Concen: 16.625 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 62 Resp: 18020

Ion	Ratio	Lower	Upper
62	100		
64	33.1	25.5	38.3

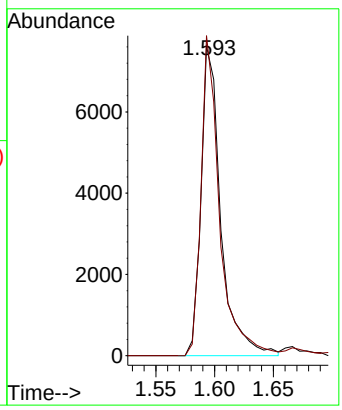




#5
Bromomethane
Concen: 17.315 ug/l
RT: 1.593 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 94 Resp: 889

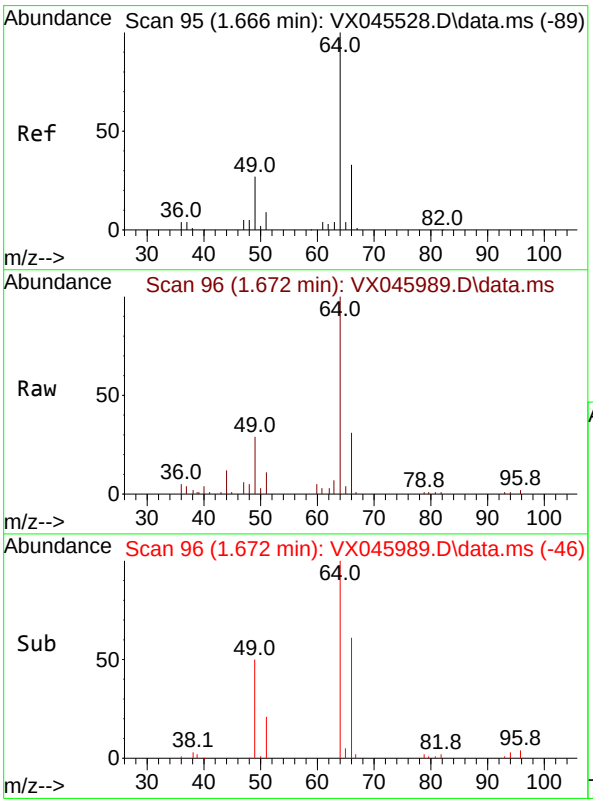
Ion	Ratio	Lower	Upper
94	100		
96	103.4	74.8	112.2



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

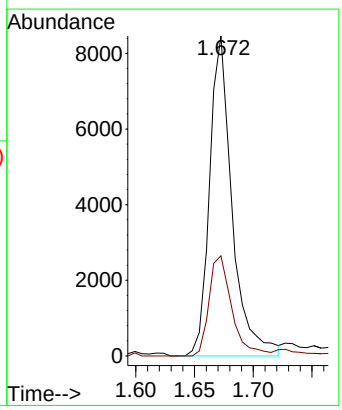
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

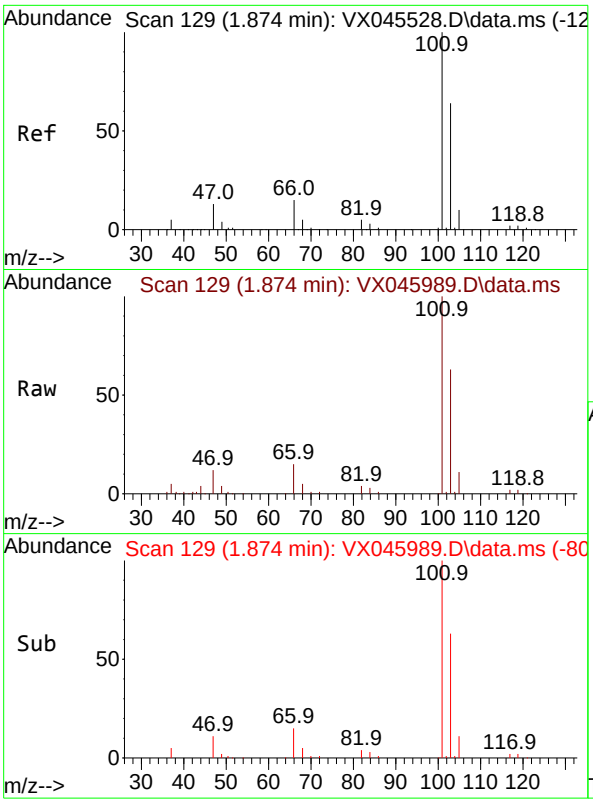


#6
Chloroethane
Concen: 19.625 ug/l
RT: 1.672 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 64 Resp: 11286

Ion	Ratio	Lower	Upper
64	100		
66	31.3	26.3	39.5





#7
Trichlorofluoromethane
Concen: 19.271 ug/l
RT: 1.874 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

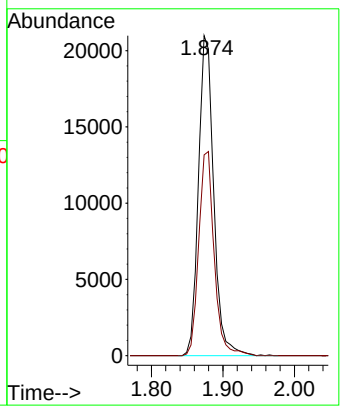
Tgt Ion:101 Resp: 3114

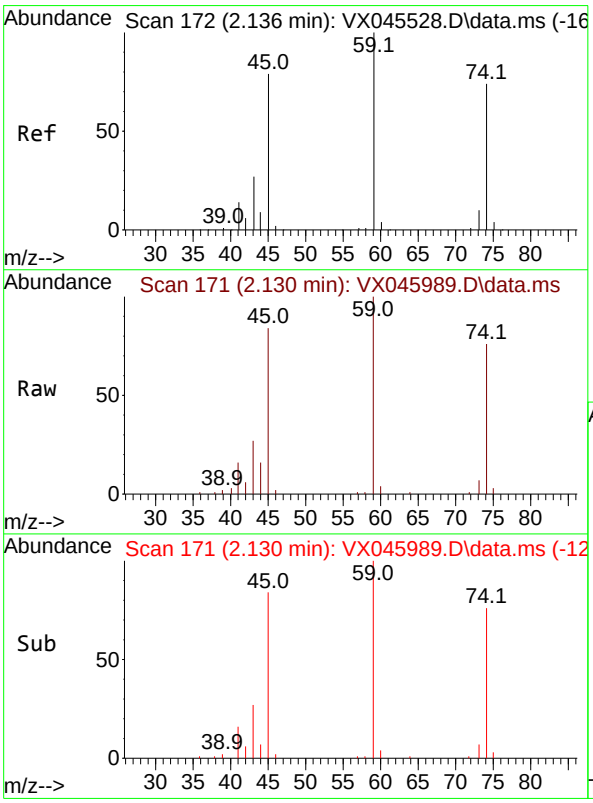
Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.1	76.7

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

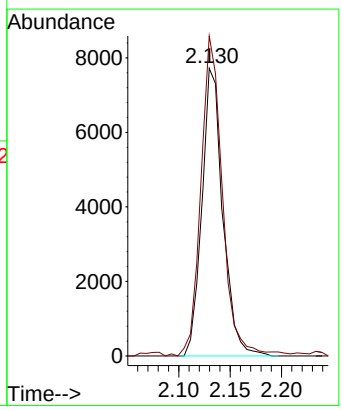


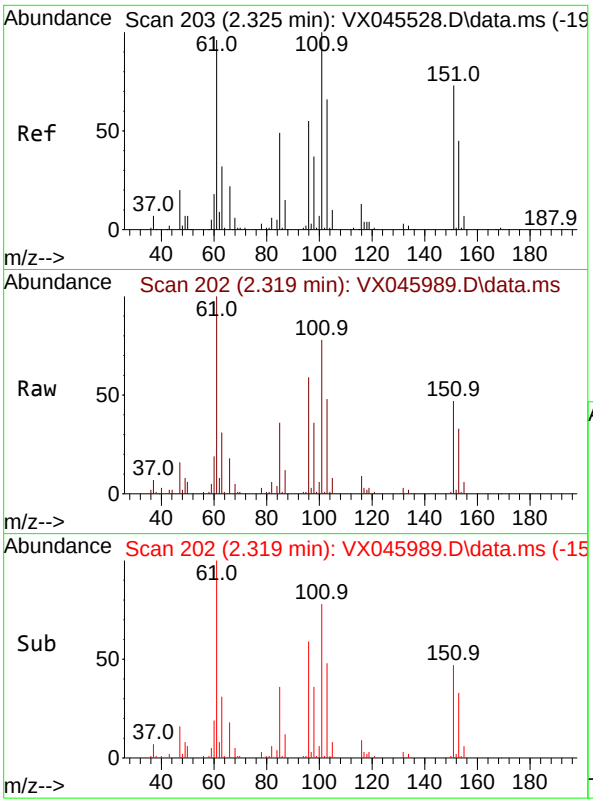


#8
Diethyl Ether
Concen: 20.153 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 74 Resp: 10936

Ion	Ratio	Lower	Upper
74	100		
45	114.5	53.0	159.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.942 ug/l
RT: 2.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

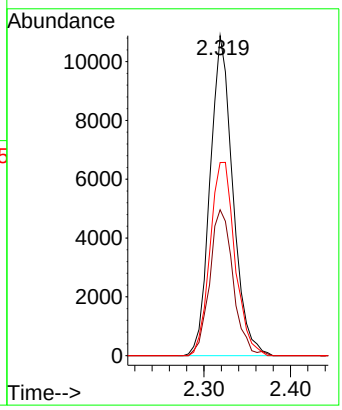
Tgt Ion:101 Resp: 1983

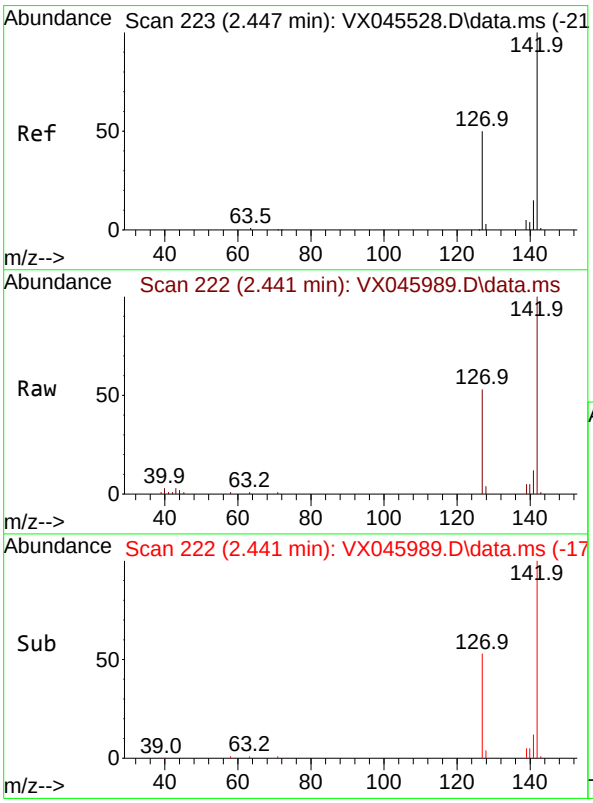
Ion	Ratio	Lower	Upper
101	100		
85	47.0	38.9	58.3
151	66.2	57.5	86.3

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

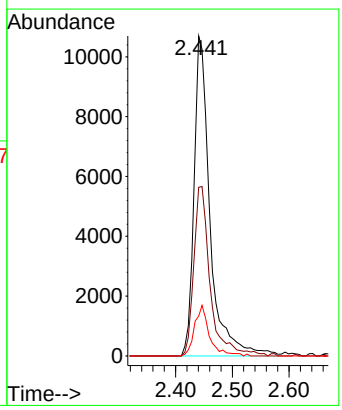


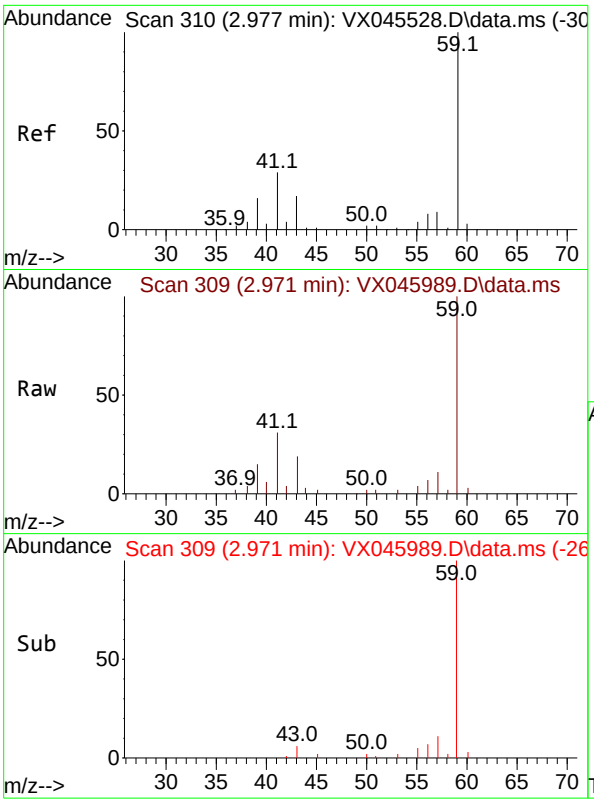


#10
Methyl Iodide
Concen: 17.788 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:142 Resp: 21014

Ion	Ratio	Lower	Upper
142	100		
127	54.0	40.2	60.4
141	14.7	11.7	17.5

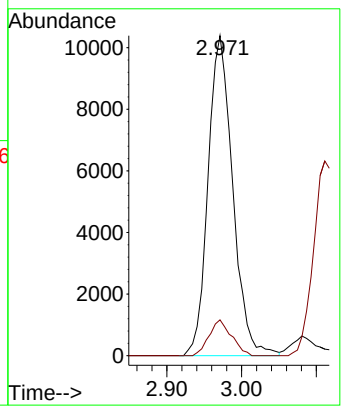




#11
Tert butyl alcohol
Concen: 125.865 ug/l
RT: 2.971 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 59 Resp: 2384

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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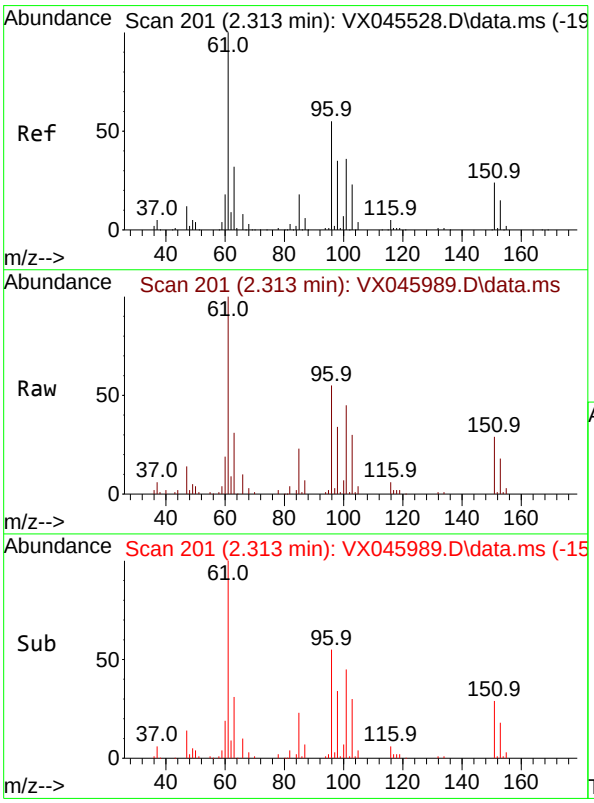
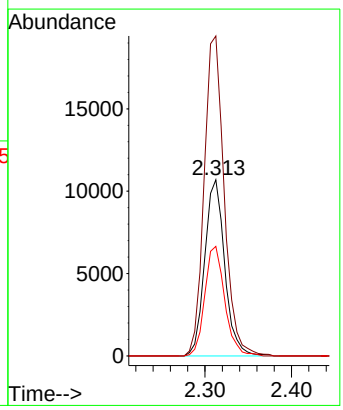
Supervised By :Semsettin Yesilyurt 05/05/2025

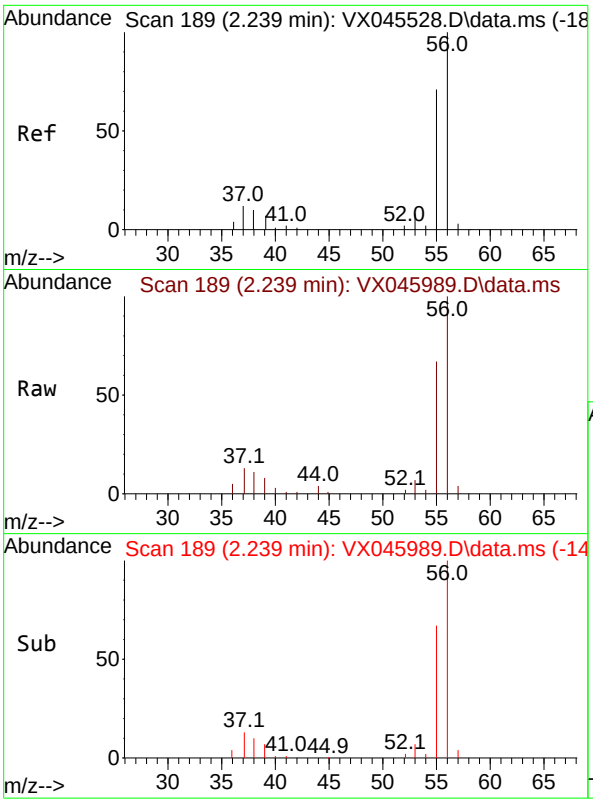


#12
1,1-Dichloroethene
Concen: 18.528 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 96 Resp: 17147

Ion	Ratio	Lower	Upper
96	100		
61	181.7	145.7	218.5
98	62.2	51.6	77.4





#13
Acrolein
Concen: 95.264 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 56 Resp: 2485

Ion	Ratio	Lower	Upper
56	100		
55	71.2	56.2	84.2

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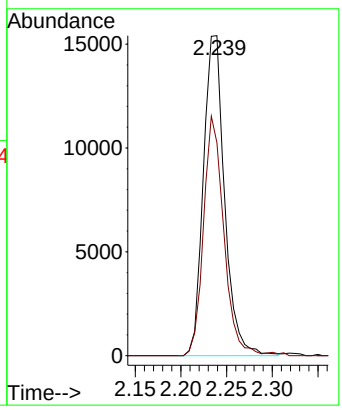
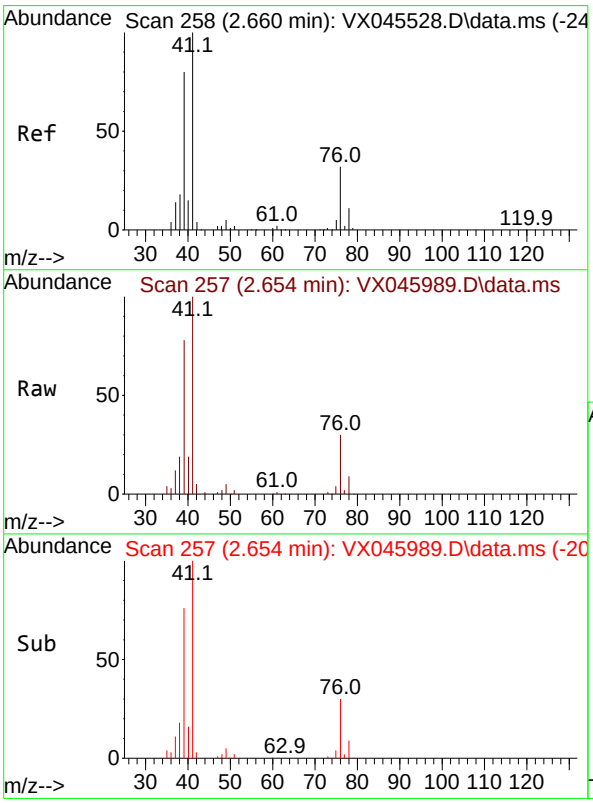
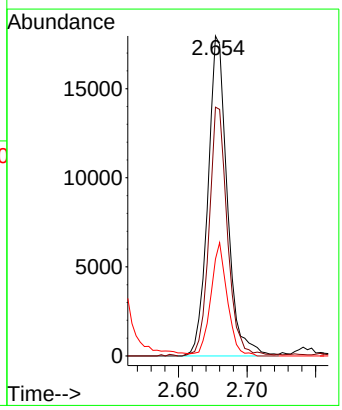


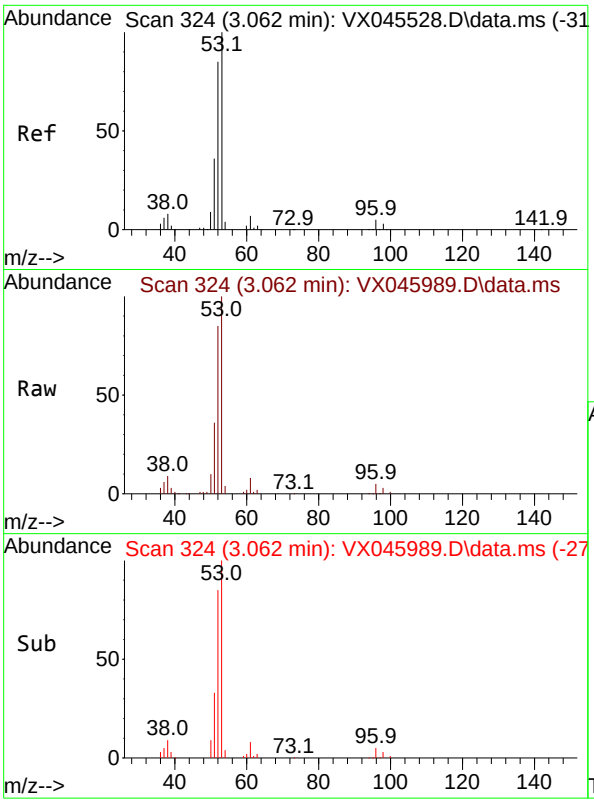


#14
Allyl chloride
Concen: 20.091 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 41 Resp: 35280

Ion	Ratio	Lower	Upper
41	100		
39	73.2	60.2	90.2
76	30.1	24.6	36.8





#15
Acrylonitrile
Concen: 114.540 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 53 Resp: 6850

Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.2
51	37.2	29.9	44.9

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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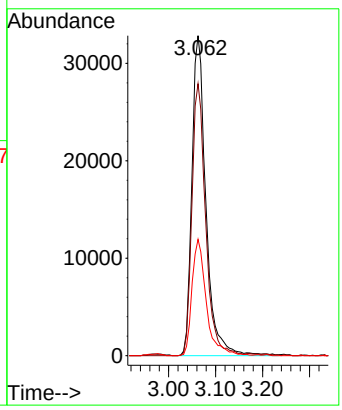
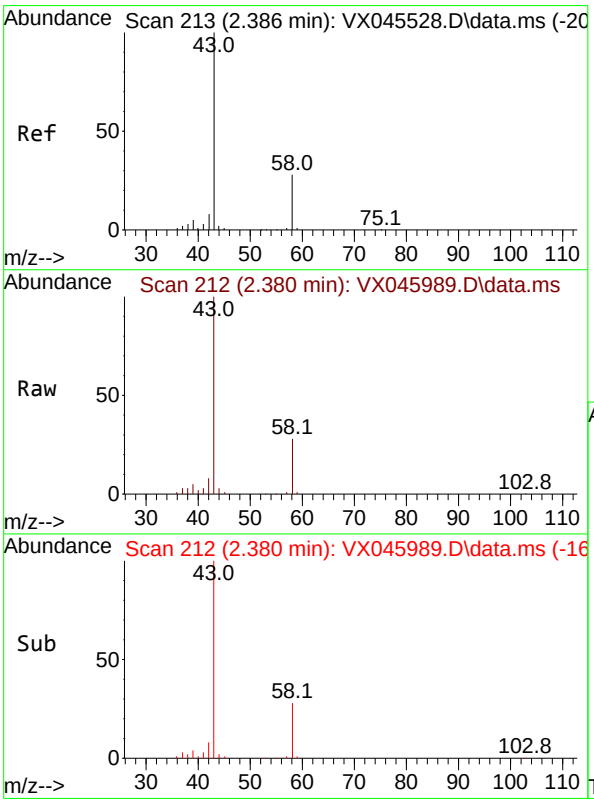
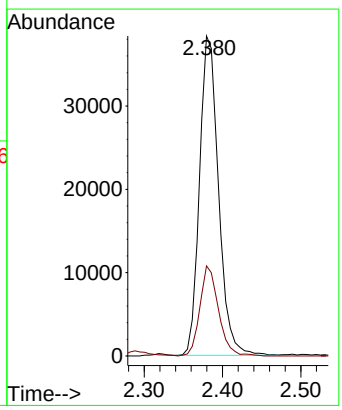


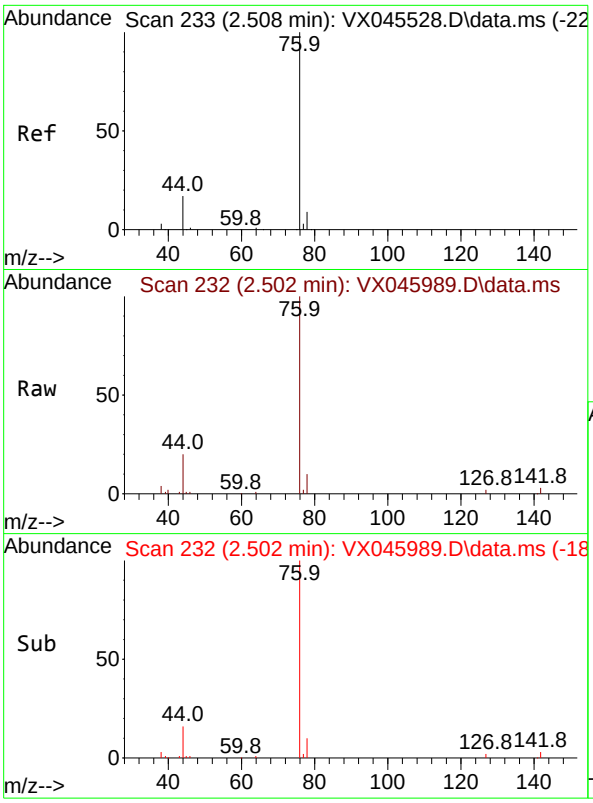


#16
Acetone
Concen: 111.586 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 64597

Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.3	33.5

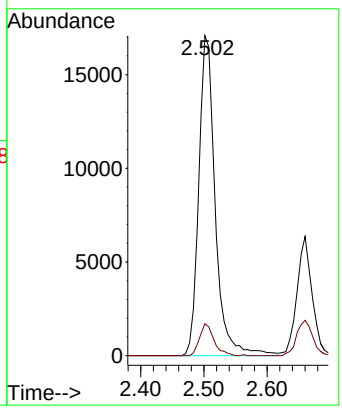




#17
Carbon Disulfide
Concen: 13.547 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 76 Resp: 3096

Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.0	10.6



Instrument :
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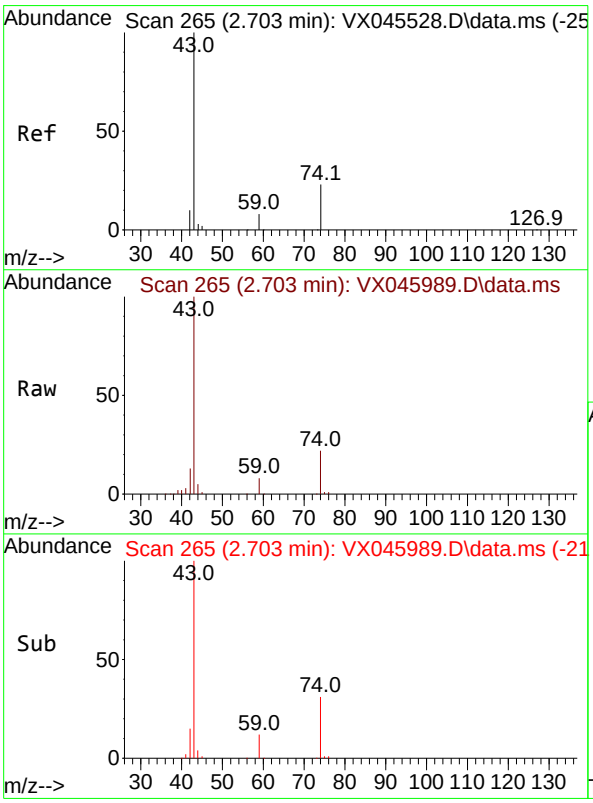
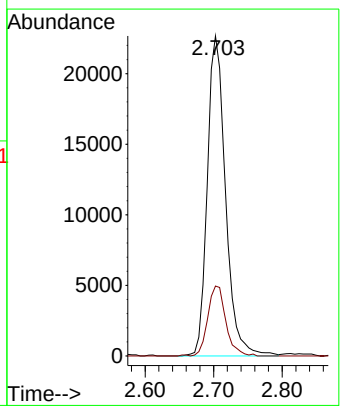
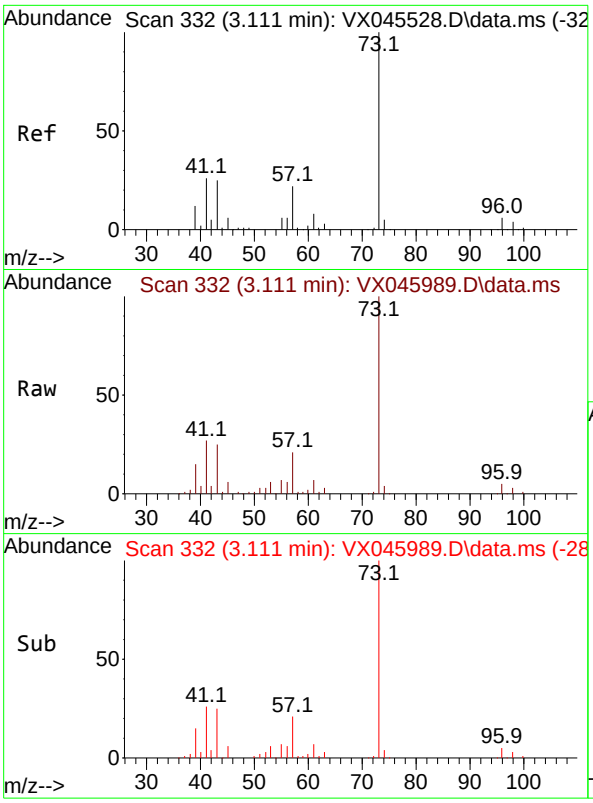


#18
Methyl Acetate
Concen: 31.454 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 41923

Ion	Ratio	Lower	Upper
43	100		
74	21.7	17.5	26.3

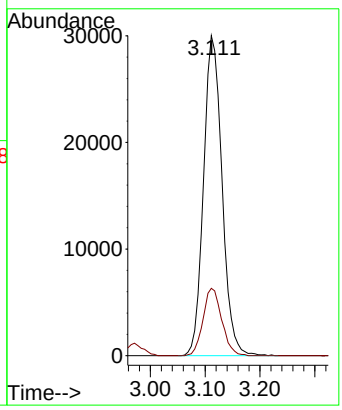




#19
Methyl tert-butyl Ether
Concen: 21.699 ug/l
RT: 3.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 73 Resp: 7025

Ion	Ratio	Lower	Upper
73	100		
57	21.1	17.6	26.4



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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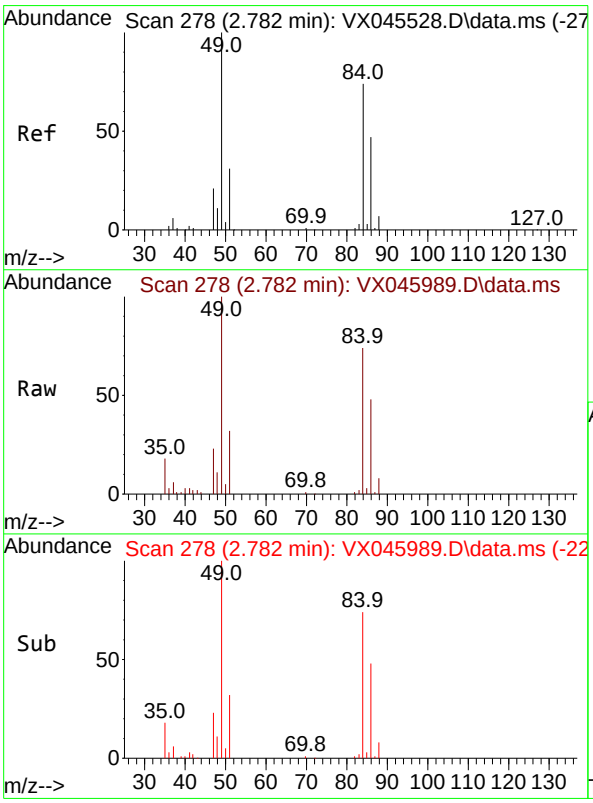
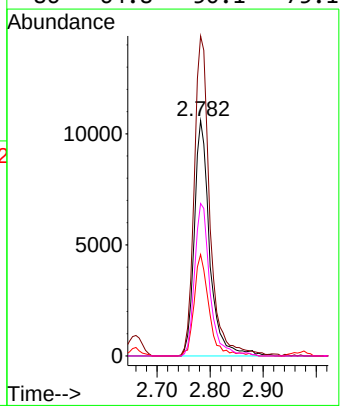
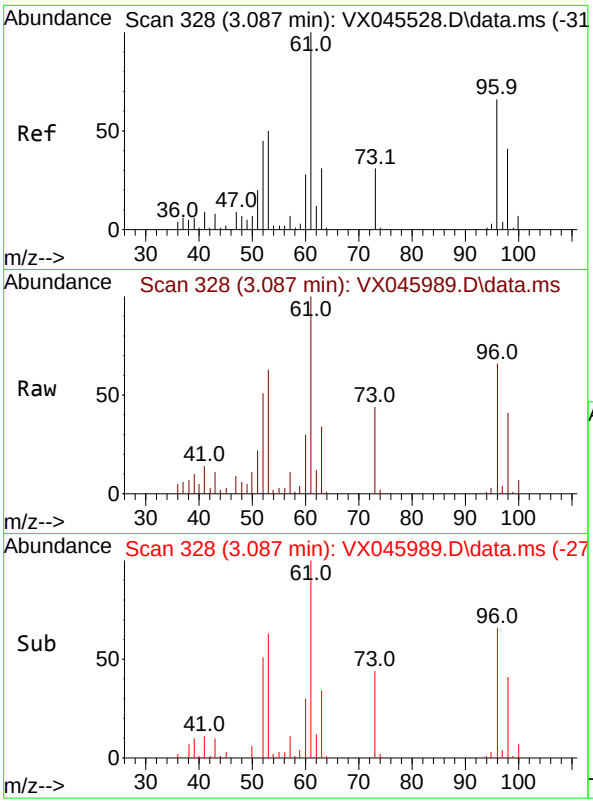


#20
Methylene Chloride
Concen: 19.763 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 84 Resp: 21419

Ion	Ratio	Lower	Upper
84	100		
49	136.0	107.5	161.3
51	43.1	33.0	49.6
86	64.8	50.1	75.1

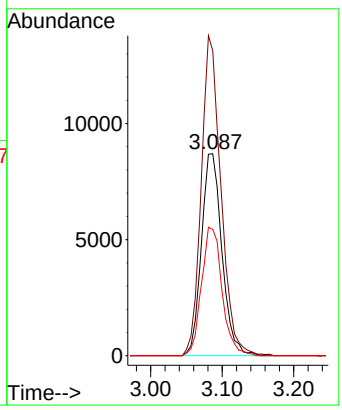




#21
trans-1,2-Dichloroethene
Concen: 18.390 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 96 Resp: 1738

Ion	Ratio	Lower	Upper
96	100		
61	151.1	121.0	181.6
98	62.6	49.7	74.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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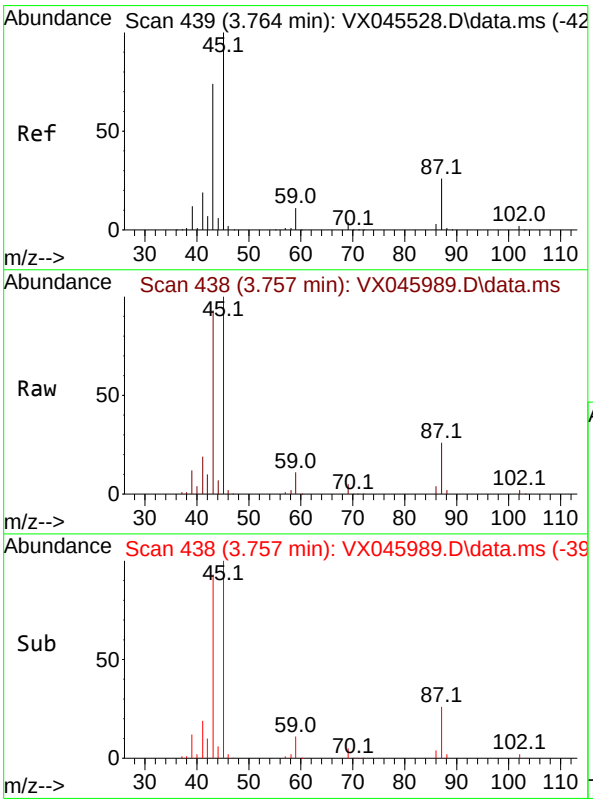
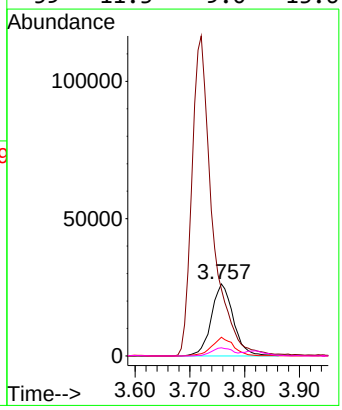
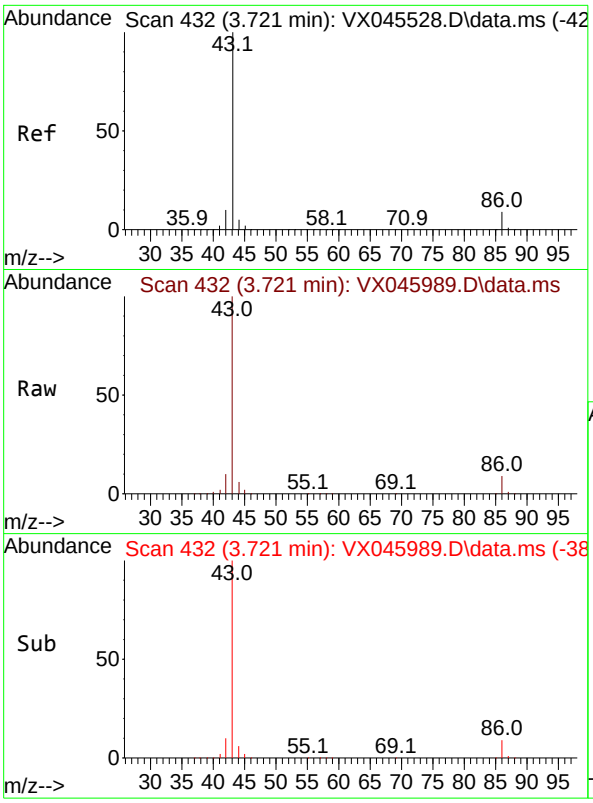


#22
Diisopropyl ether
Concen: 21.139 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 45 Resp: 73121

Ion	Ratio	Lower	Upper
45	100		
43	91.5	59.3	88.9#
87	25.9	20.4	30.6
59	11.3	9.0	13.6





#23
Vinyl Acetate
Concen: 102.087 ug/l
RT: 3.721 min Scan# 4
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 30509

Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.5	11.3

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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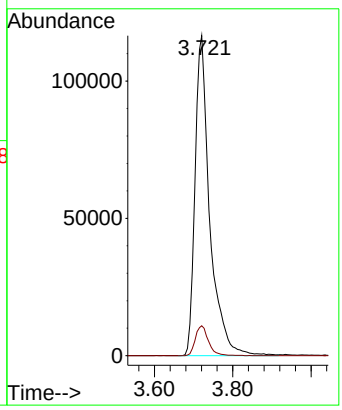
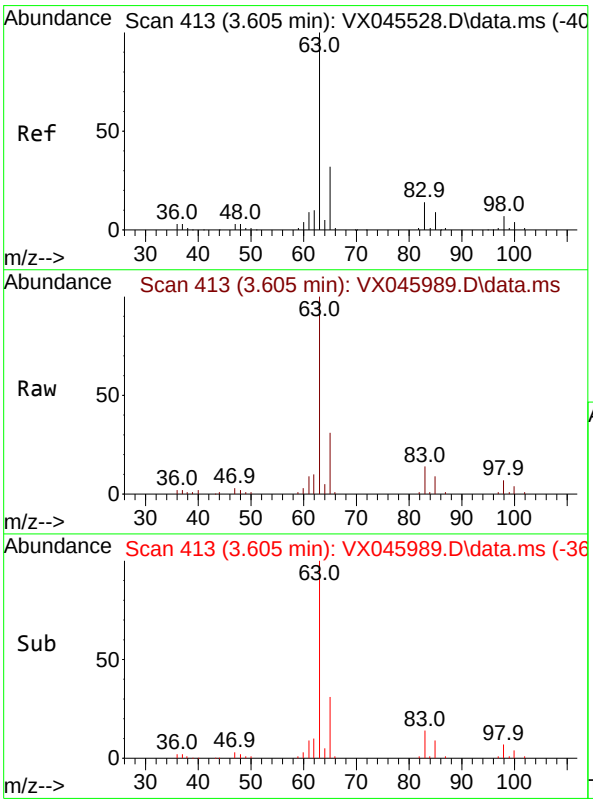
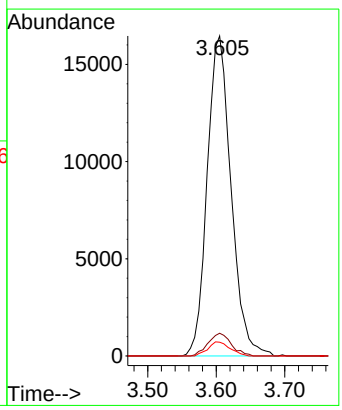


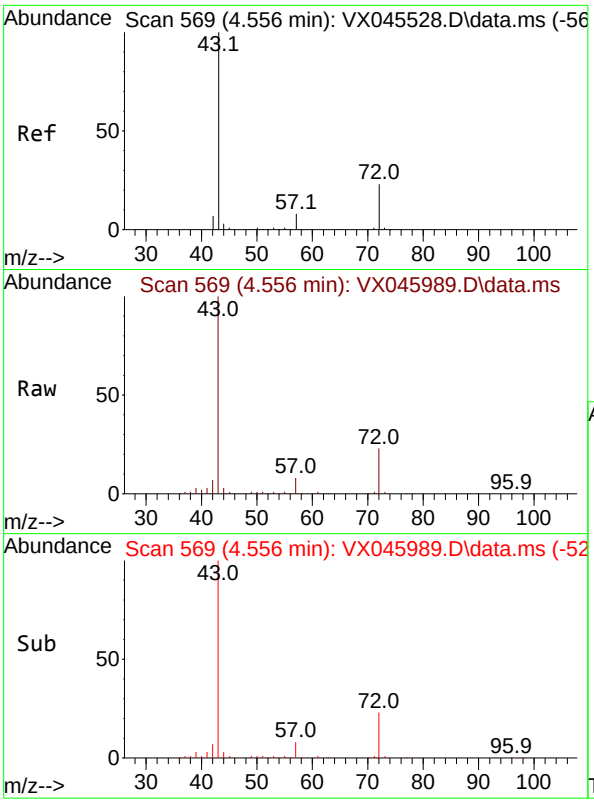


#24
1,1-Dichloroethane
Concen: 20.380 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 63 Resp: 39868

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.1
100	4.3	2.2	6.6

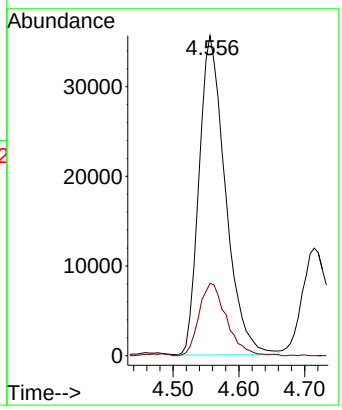




#25
2-Butanone
Concen: 116.907 ug/l
RT: 4.556 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 9906

Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.6	28.0



Instrument :
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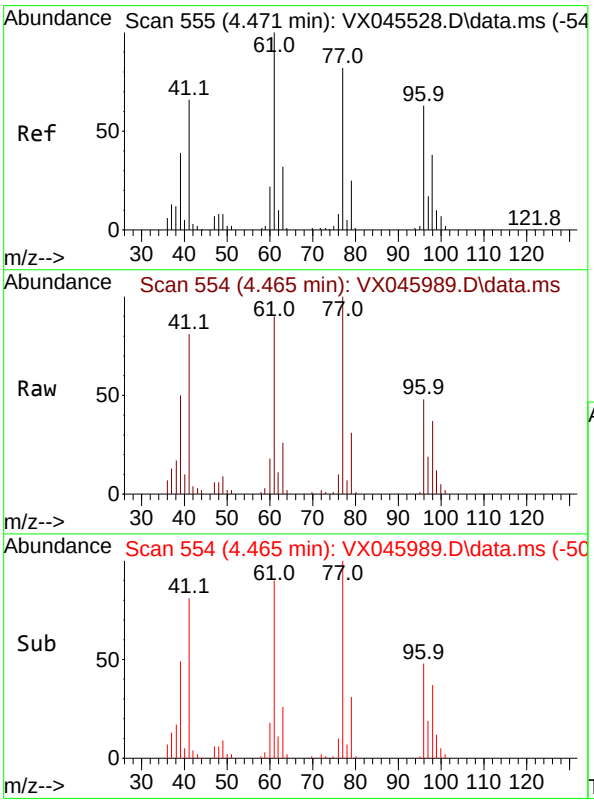
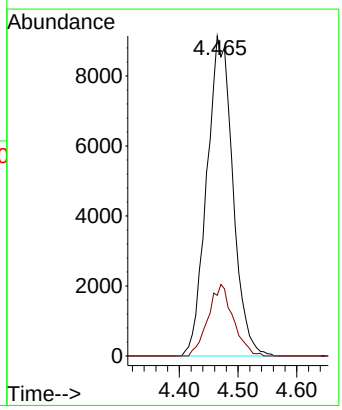
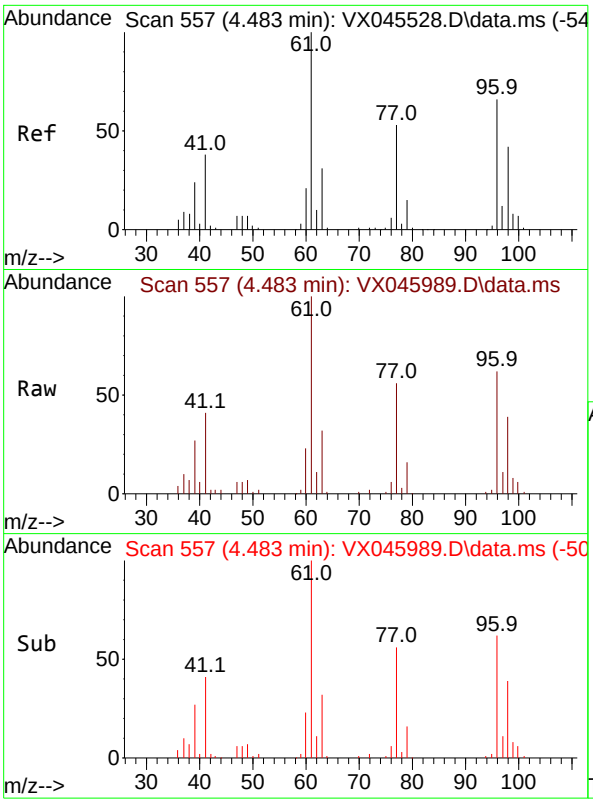


#26
2,2-Dichloropropane
Concen: 22.247 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 77 Resp: 28118

Ion	Ratio	Lower	Upper
77	100		
97	21.5	10.6	31.8

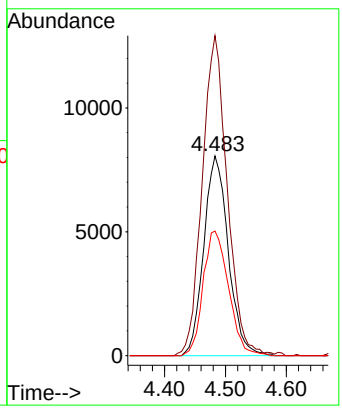




#27
cis-1,2-Dichloroethene
Concen: 19.599 ug/l
RT: 4.483 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 96 Resp: 2257

Ion	Ratio	Lower	Upper
96	100		
61	163.0	0.0	313.2
98	64.7	0.0	126.4



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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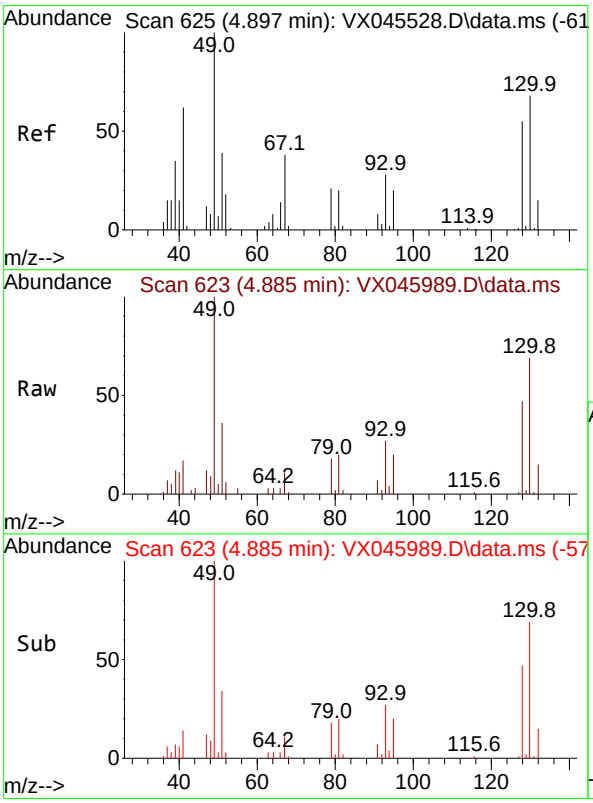
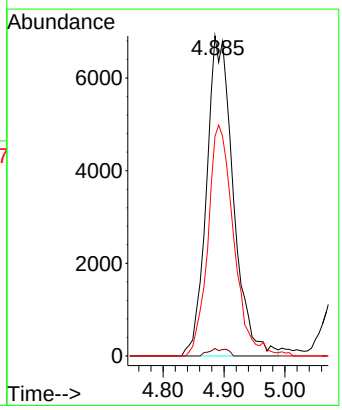
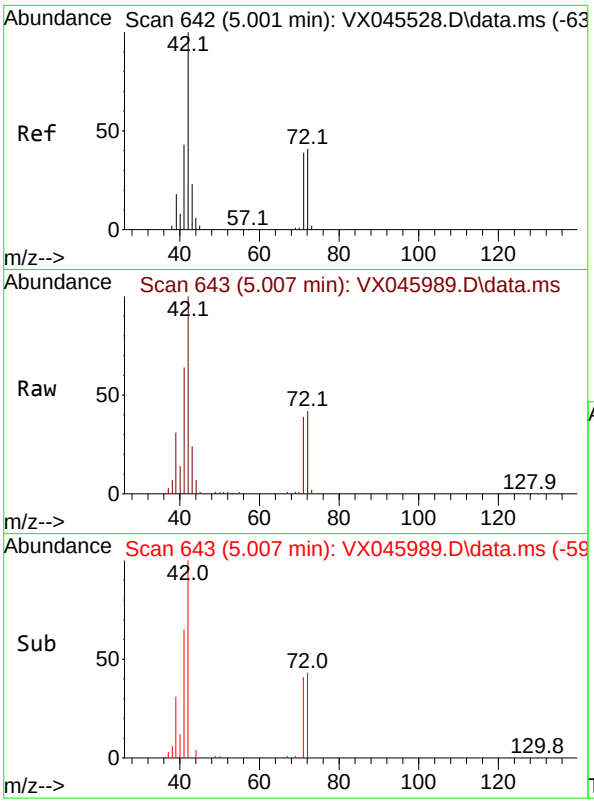


#28
Bromochloromethane
Concen: 22.263 ug/l
RT: 4.885 min Scan# 623
Delta R.T. -0.012 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 49 Resp: 21046

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	69.5	54.6	81.8





#29
Tetrahydrofuran
Concen: 111.310 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 42 Resp: 6115

Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.4	50.0
71	38.8	31.4	47.0

Instrument :
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ClientSampleId :
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Manual Integrations
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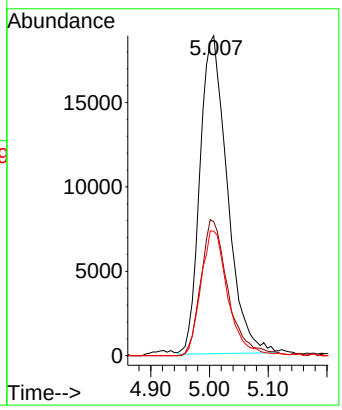
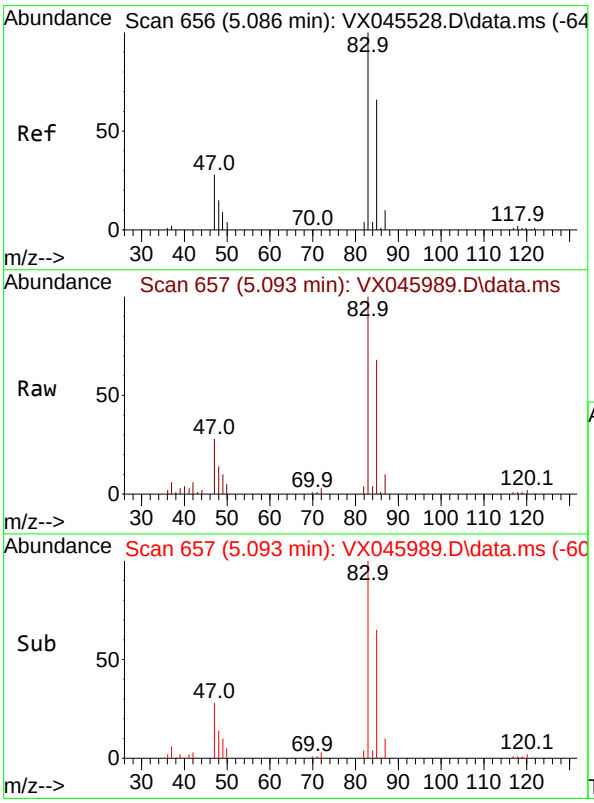
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

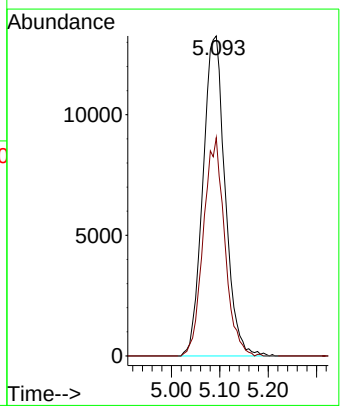


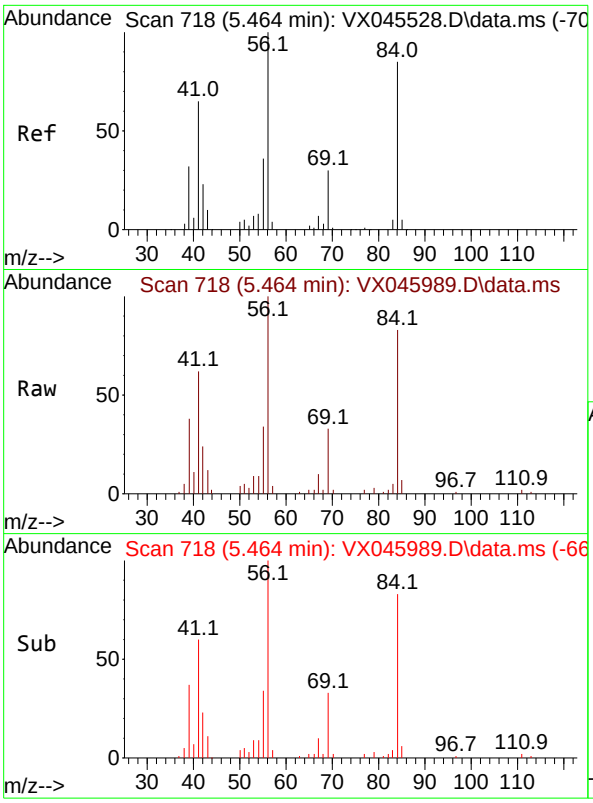


#30
Chloroform
Concen: 20.994 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 83 Resp: 42259

Ion	Ratio	Lower	Upper
83	100		
85	68.2	52.8	79.2





#31
Cyclohexane
Concen: 17.783 ug/l
RT: 5.464 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 56 Resp: 3075

Ion	Ratio	Lower	Upper
56	100		
69	32.6	23.6	35.4
84	80.3	67.7	101.5

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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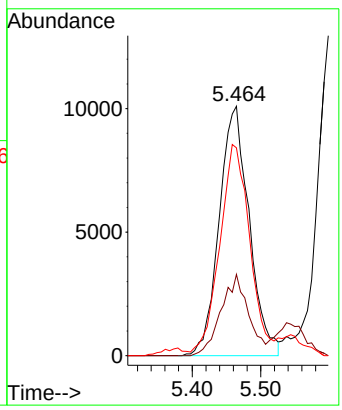
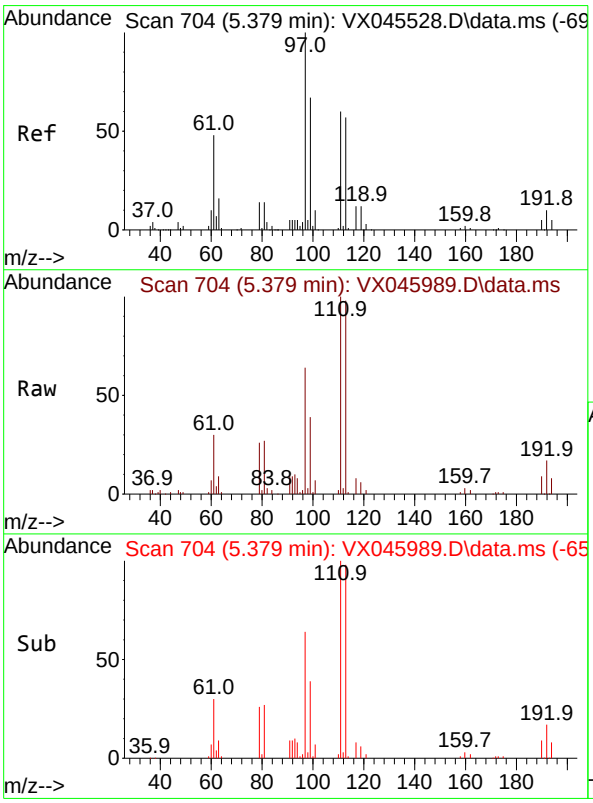
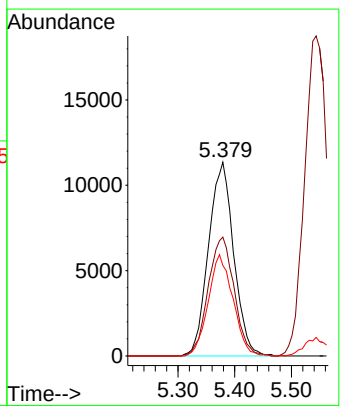


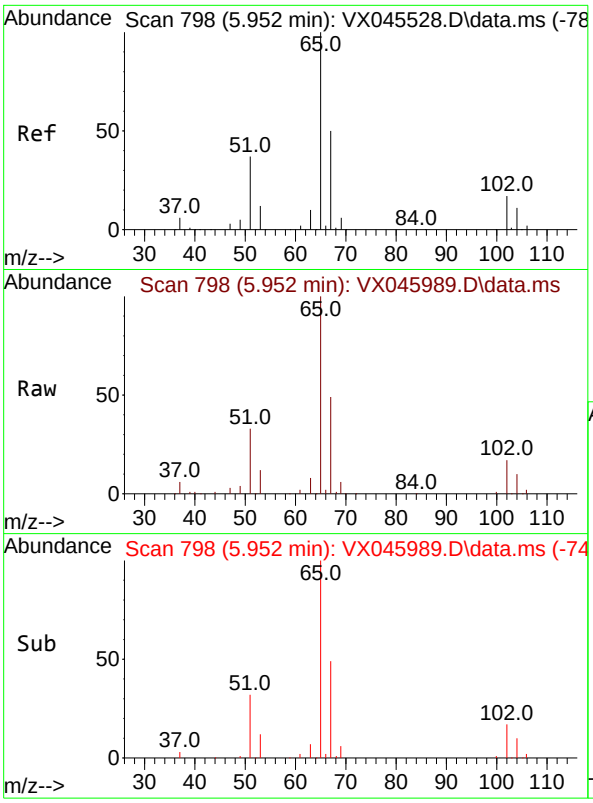


#32
1,1,1-Trichloroethane
Concen: 20.590 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 97 Resp: 35070

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.7	77.5
61	51.2	41.0	61.4

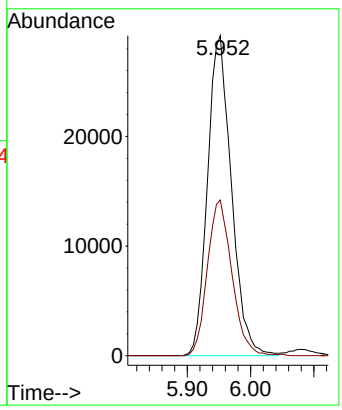




#33
1,2-Dichloroethane-d4
Concen: 54.297 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 65 Resp: 7654

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.0



Instrument :
MSVOA_X
ClientSampleId :
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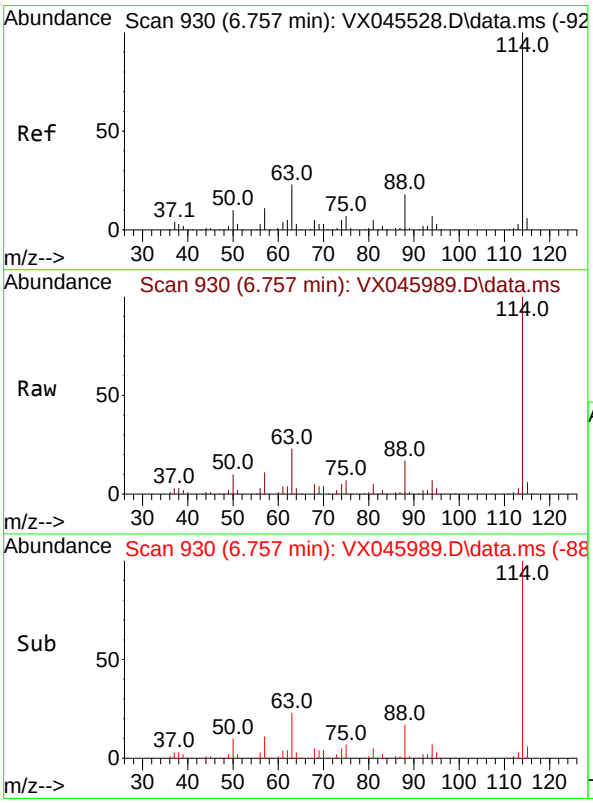
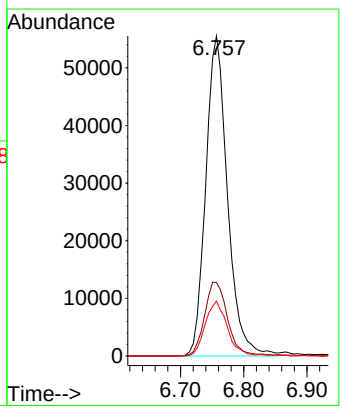
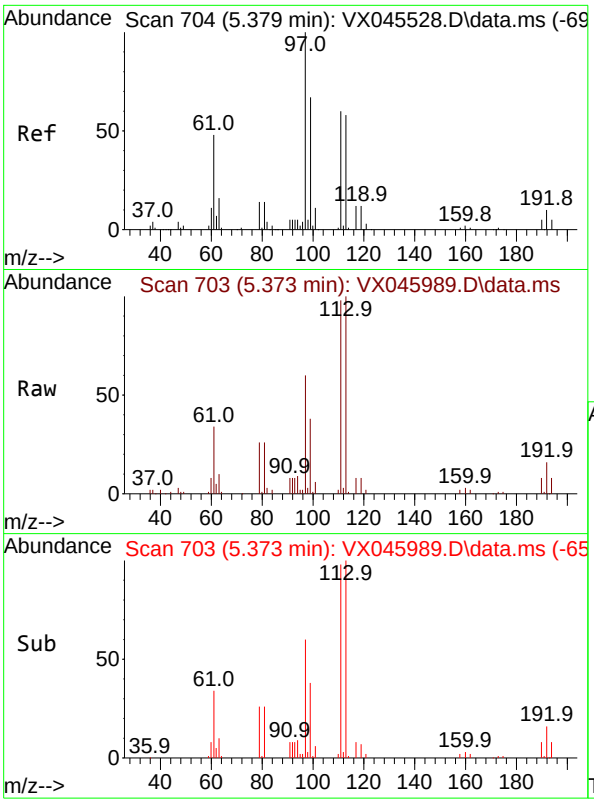


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:114 Resp: 132529

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	46.8
88	17.1	0.0	35.4

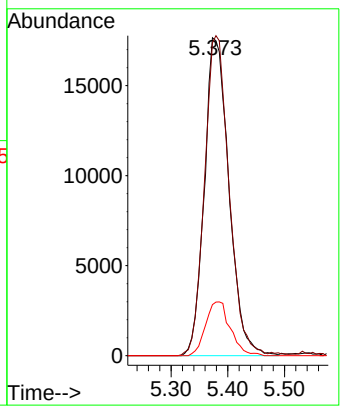




#35
Dibromofluoromethane
Concen: 56.527 ug/l
RT: 5.373 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:113 Resp: 5315

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.8	122.6
192	17.0	13.8	20.6



Instrument :
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ClientSampleId :
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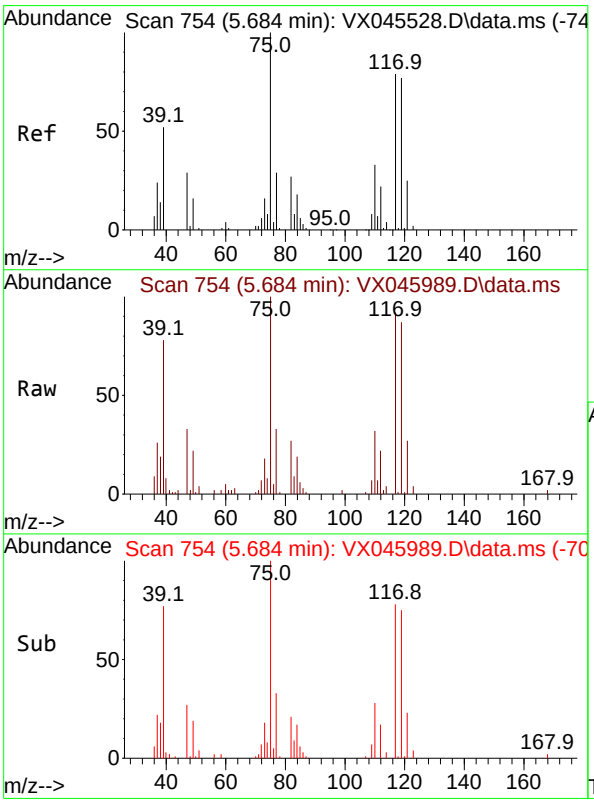
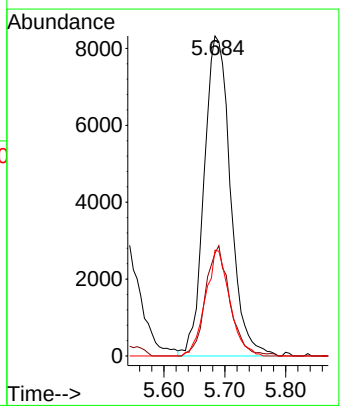
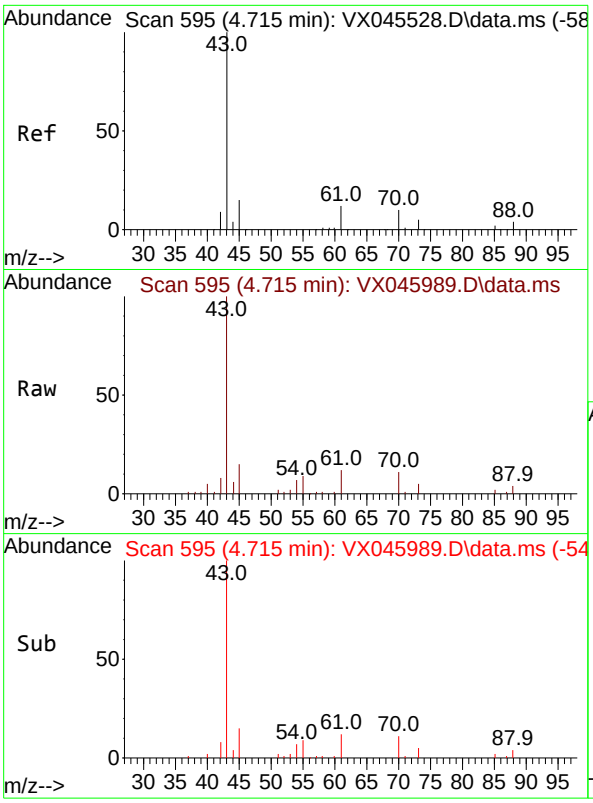


#36
1,1-Dichloropropene
Concen: 19.690 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 75 Resp: 24998

Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.9	50.6
77	30.7	25.0	37.4

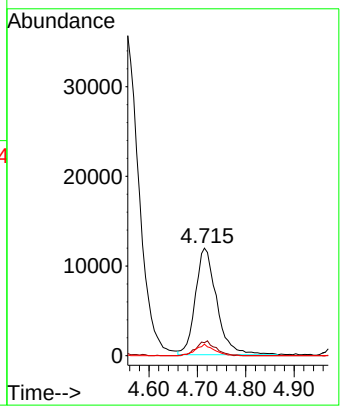




#37
Ethyl Acetate
Concen: 22.673 ug/l
RT: 4.715 min Scan# 5
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 3627

Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	9.2	7.5	11.3



Instrument :
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ClientSampleId :
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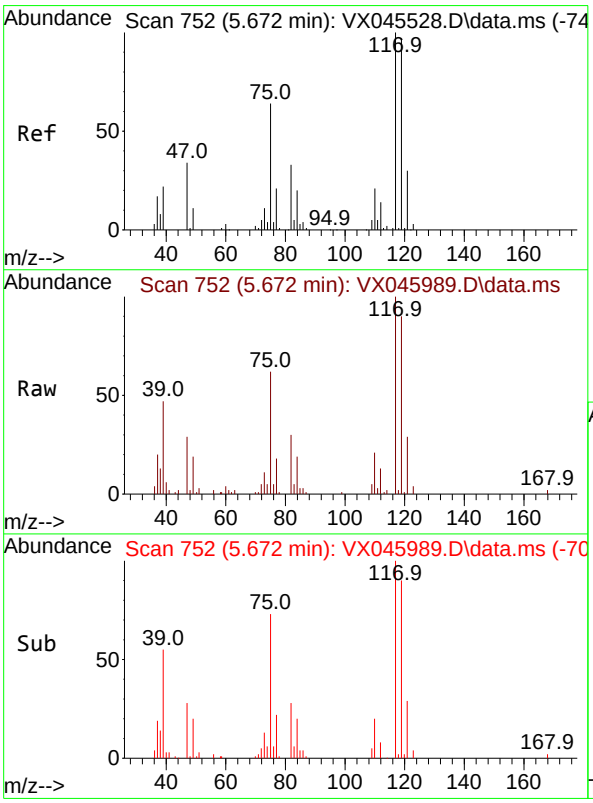
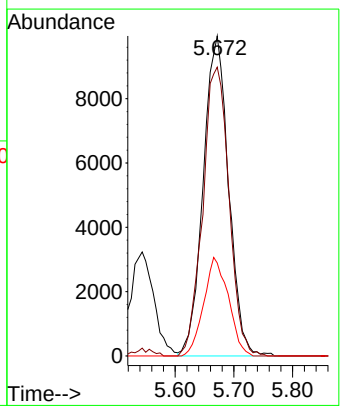
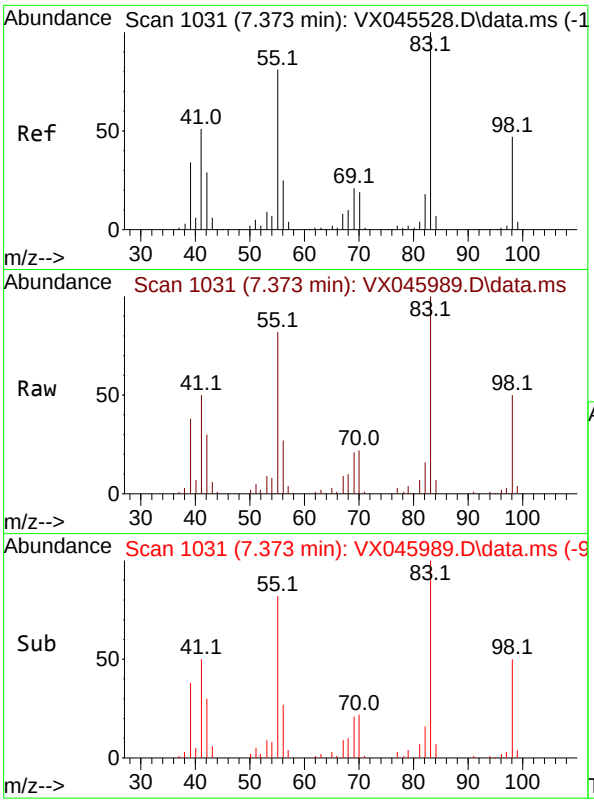


#38
Carbon Tetrachloride
Concen: 21.761 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:117 Resp: 29859

Ion	Ratio	Lower	Upper
117	100		
119	90.3	76.9	115.3
121	29.1	24.2	36.2

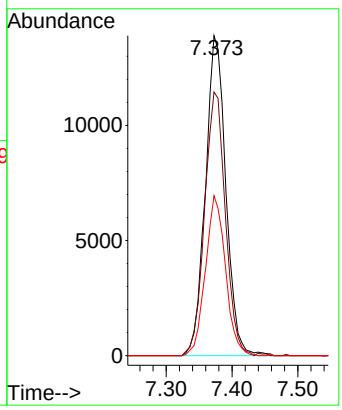




#39
Methylcyclohexane
Concen: 19.357 ug/l
RT: 7.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 83 Resp: 3012

Ion	Ratio	Lower	Upper
83	100		
55	82.4	64.9	97.3
98	50.0	37.4	56.0



Instrument :
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ClientSampleId :
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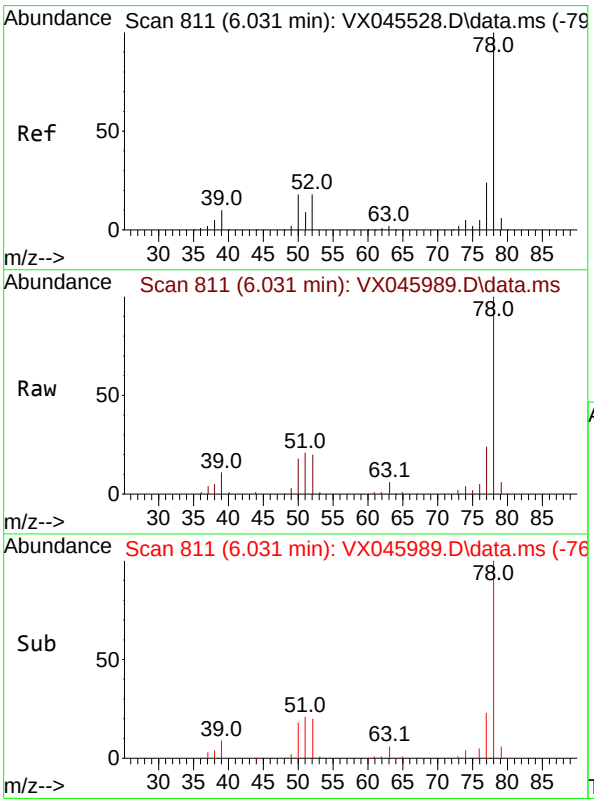
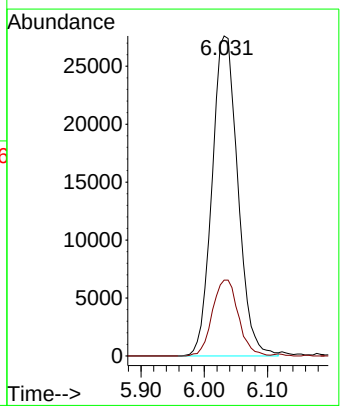
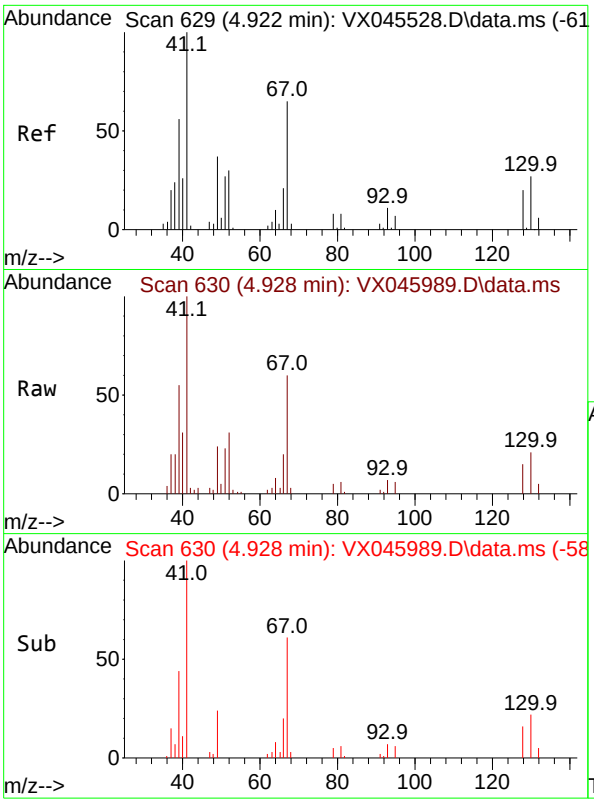


#40
Benzene
Concen: 20.142 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 78 Resp: 78100

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6

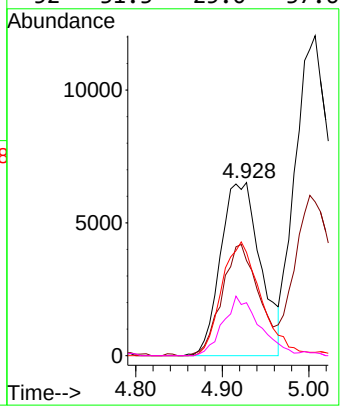




#41
Methacrylonitrile
Concen: 24.741 ug/l
RT: 4.928 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 41 Resp: 2088

Ion	Ratio	Lower	Upper
41	100		
39	58.3	47.0	70.6
67	65.7	53.2	79.8
52	31.3	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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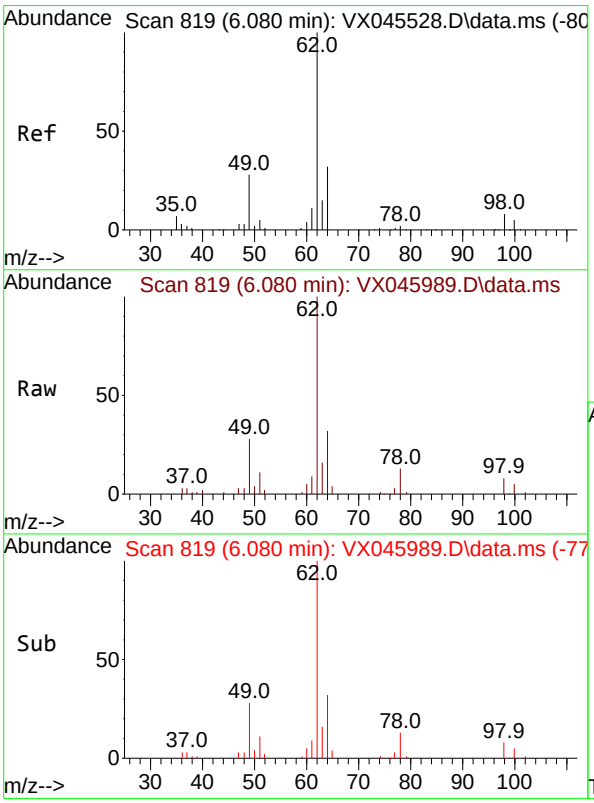
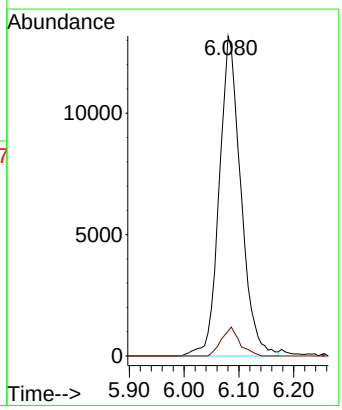
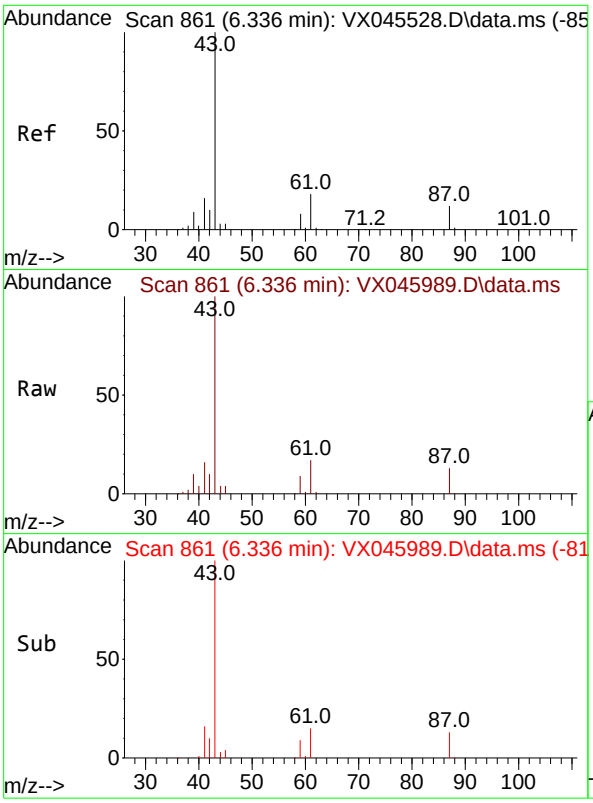


#42
1,2-Dichloroethane
Concen: 22.599 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 62 Resp: 36192

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.2





#43
Isopropyl Acetate
Concen: 22.859 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 5543

Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.1	21.1
87	11.9	9.2	13.8

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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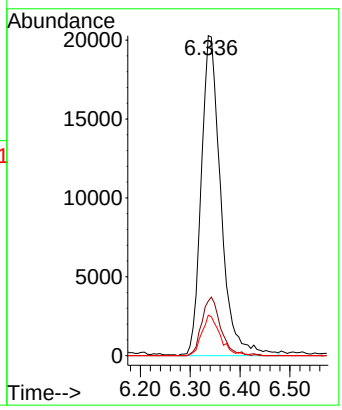
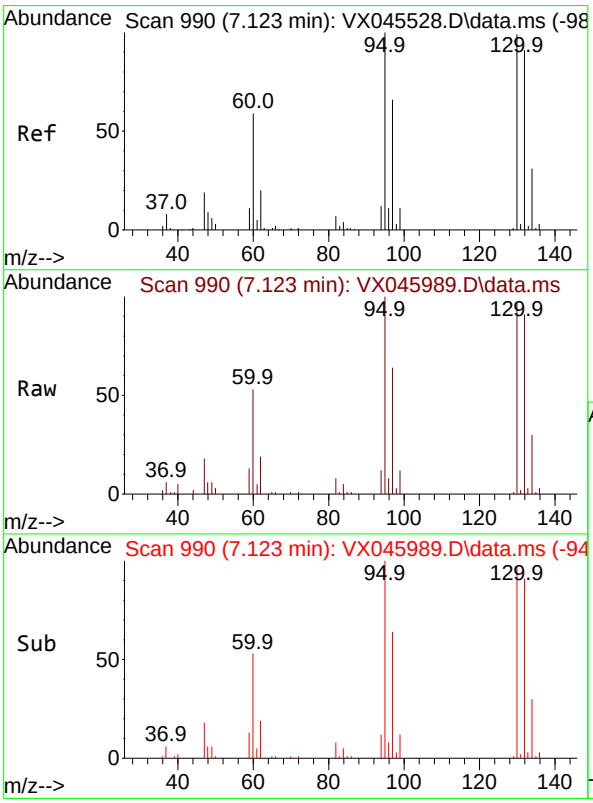
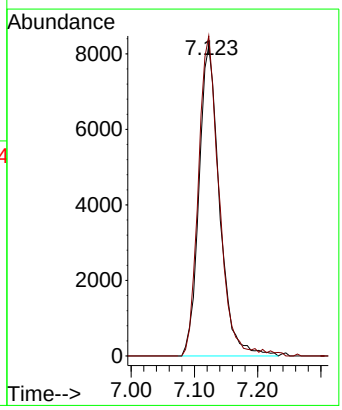


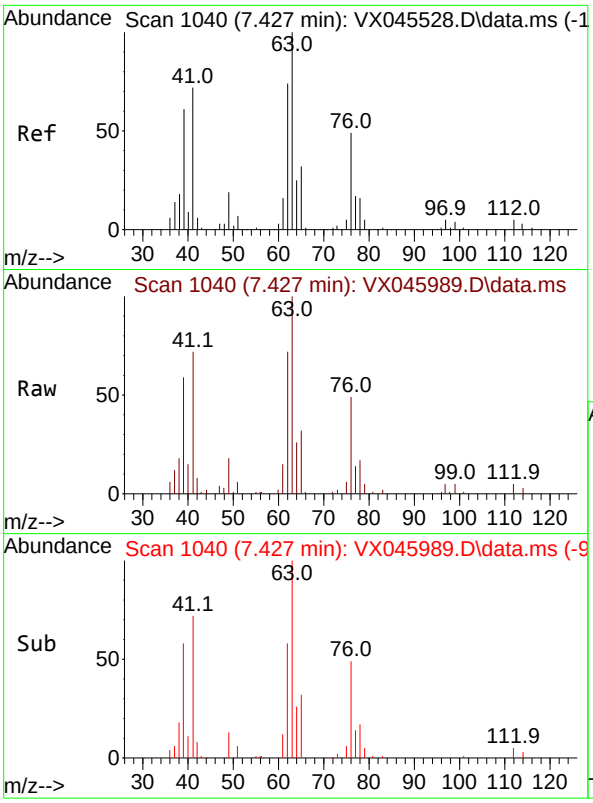


#44
Trichloroethene
Concen: 20.175 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:130 Resp: 18593

Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	202.0





#45
1,2-Dichloropropane
Concen: 21.007 ug/l
RT: 7.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 63 Resp: 2032

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.8	38.6

Instrument :
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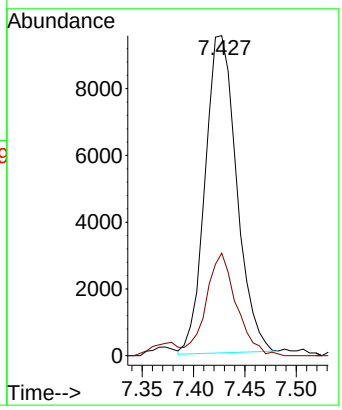
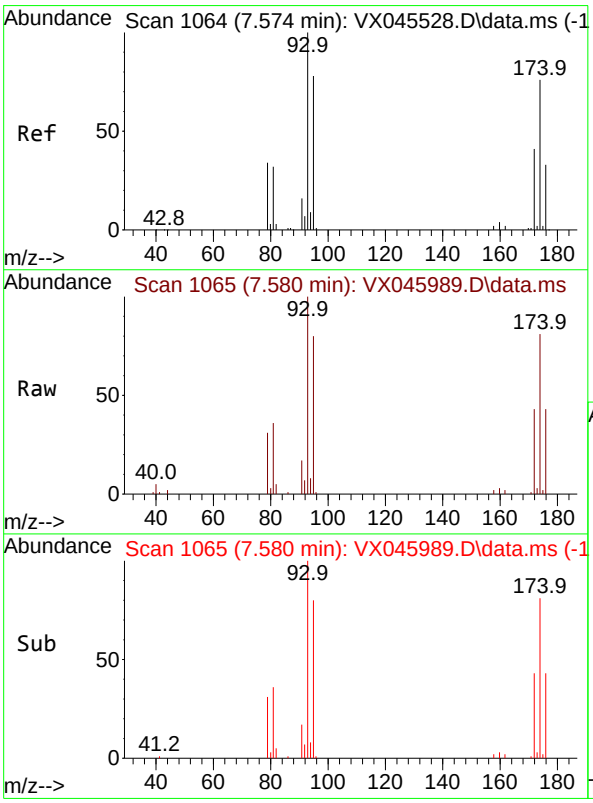
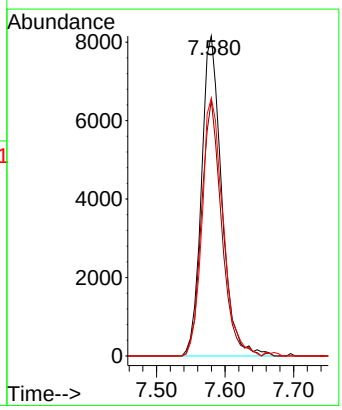


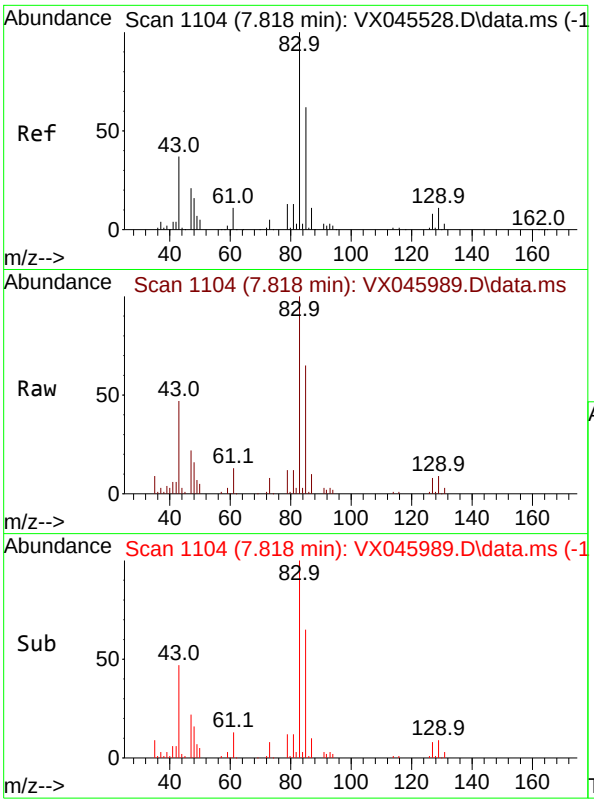


#46
Dibromomethane
Concen: 22.559 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 93 Resp: 16754

Ion	Ratio	Lower	Upper
93	100		
95	79.0	64.8	97.2
174	83.2	65.4	98.0

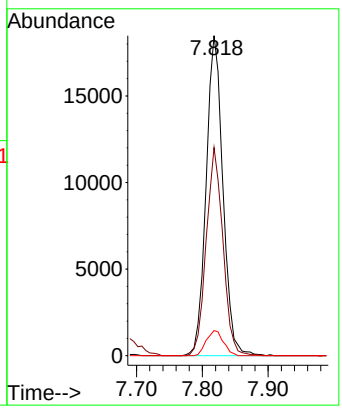




#47
Bromodichloromethane
Concen: 22.144 ug/l
RT: 7.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 83 Resp: 3284

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.7	74.5
127	7.8	6.1	9.1



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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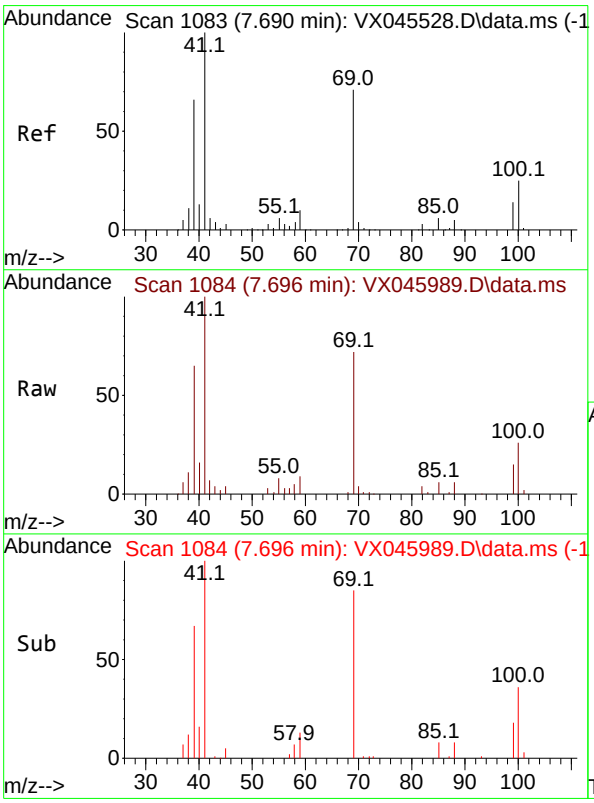
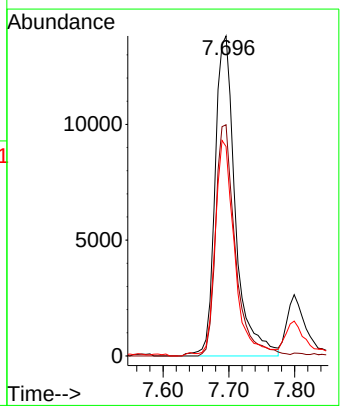
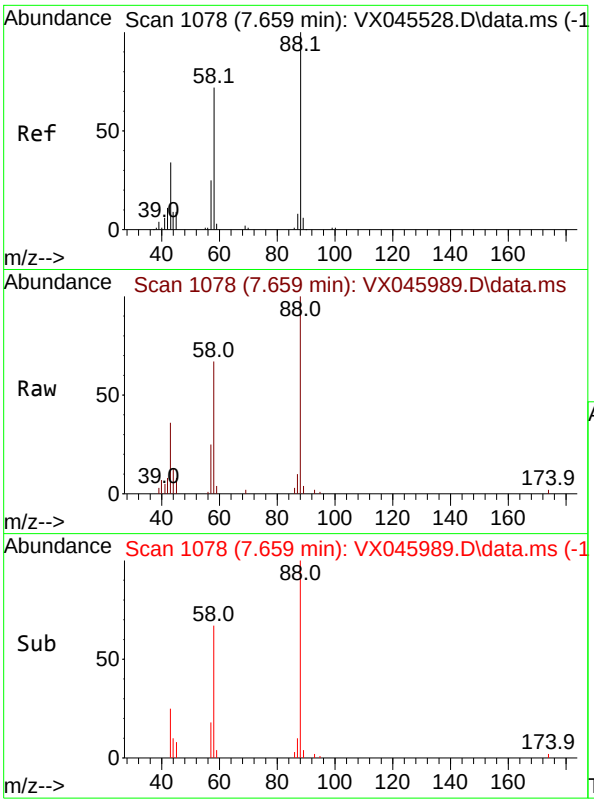


#48
Methyl methacrylate
Concen: 23.725 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 41 Resp: 29705

Ion	Ratio	Lower	Upper
41	100		
69	69.8	58.2	87.2
39	62.2	53.6	80.4

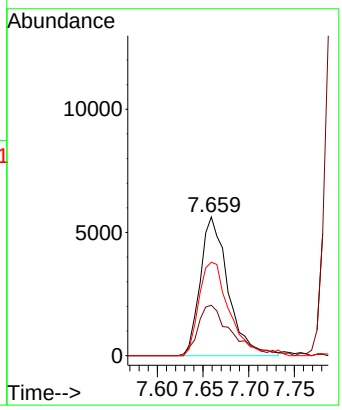




#49
1,4-Dioxane
Concen: 524.532 ug/l
RT: 7.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 88 Resp: 1188

Ion	Ratio	Lower	Upper
88	100		
43	44.1	32.2	48.4
58	74.3	58.6	88.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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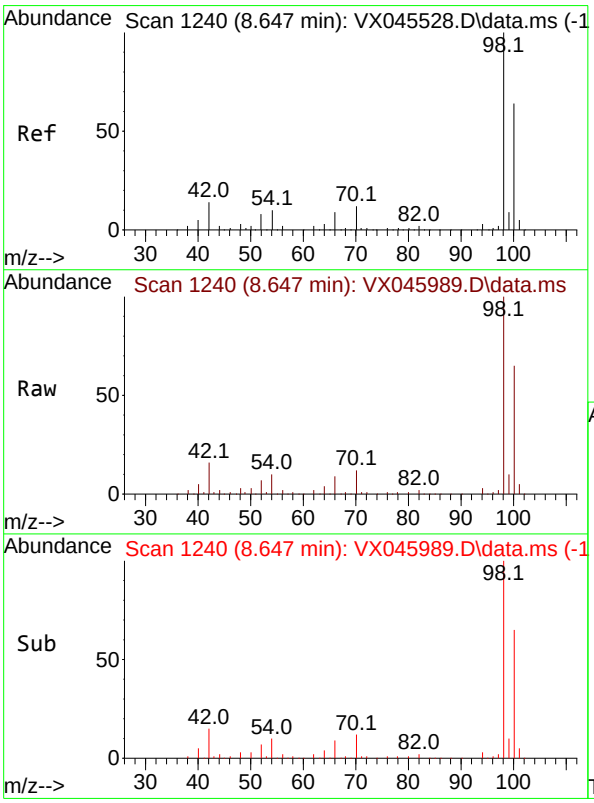
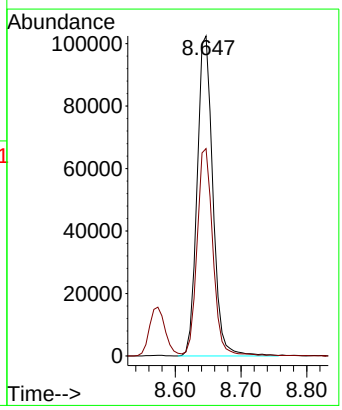
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

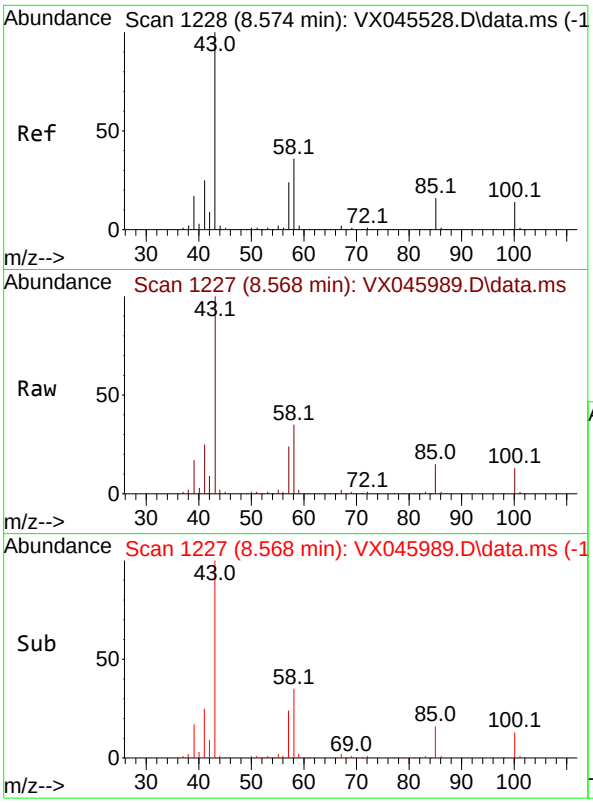


#50
Toluene-d8
Concen: 51.974 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 98 Resp: 170578

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4

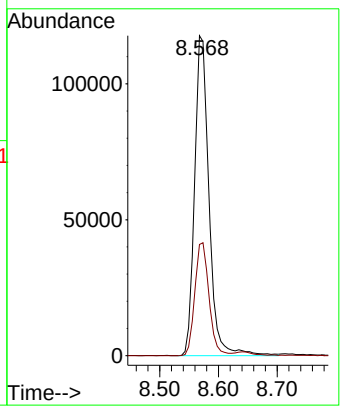




#51
4-Methyl-2-Pentanone
Concen: 124.822 ug/l
RT: 8.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 20065

Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.5	42.7



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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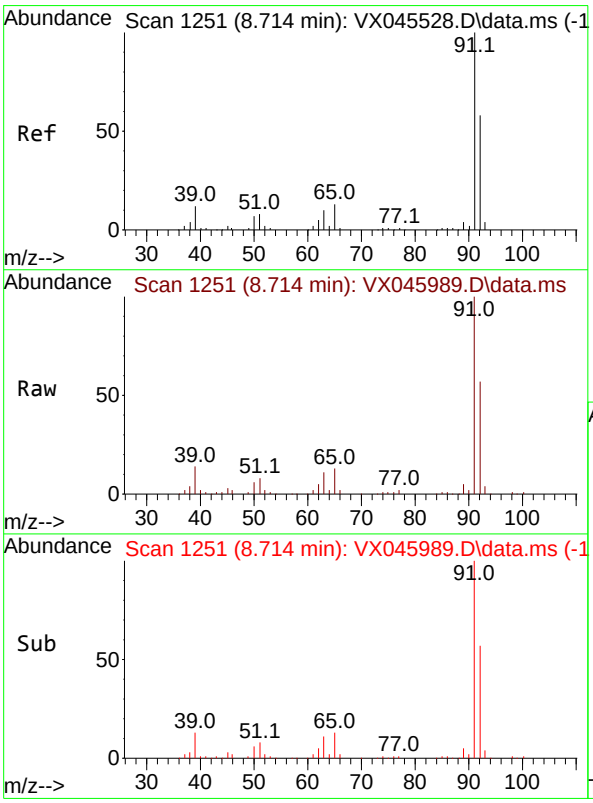
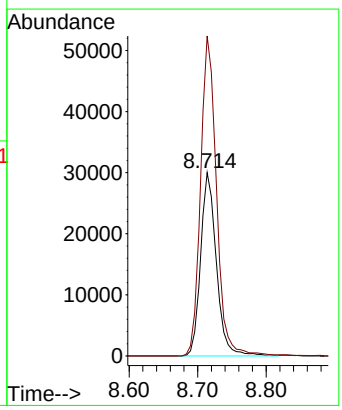
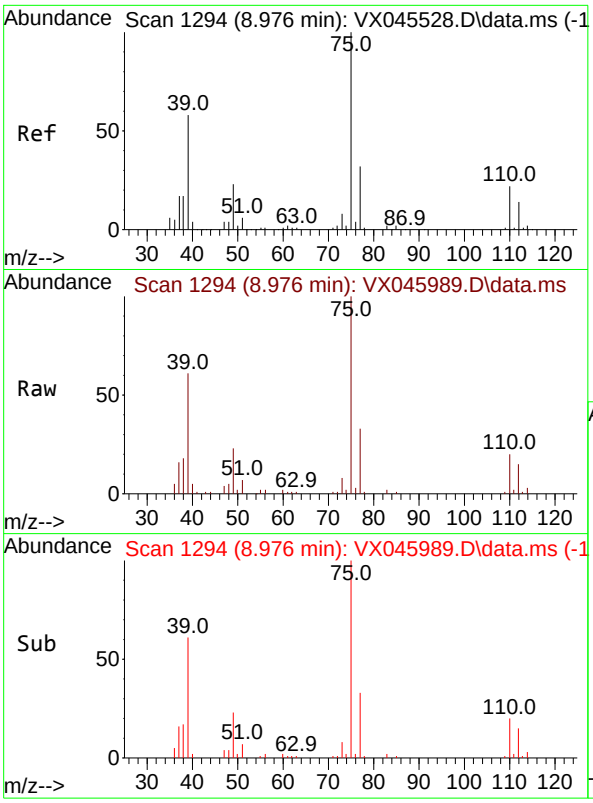


#52
Toluene
Concen: 20.520 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 92 Resp: 48144

Ion	Ratio	Lower	Upper
92	100		
91	176.8	138.7	208.1

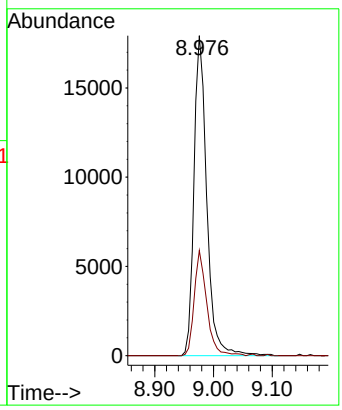




#53
t-1,3-Dichloropropene
Concen: 20.484 ug/l
RT: 8.976 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 75 Resp: 2719

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.4	38.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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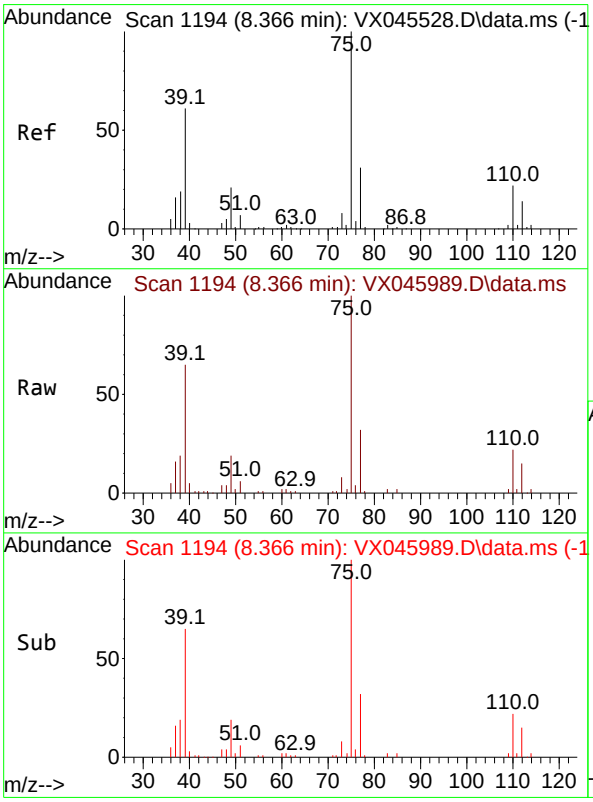
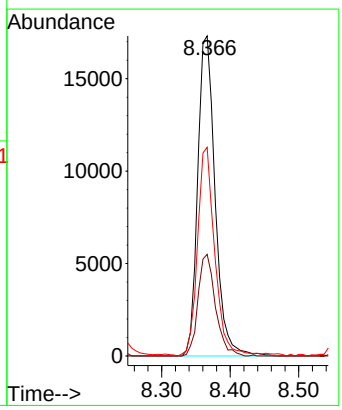
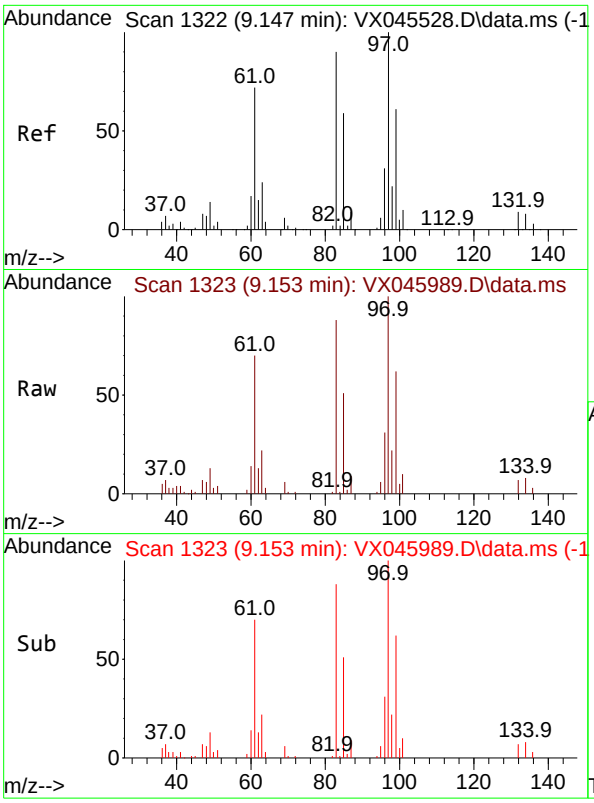


#54
cis-1,3-Dichloropropene
Concen: 21.995 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 75 Resp: 30656

Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.6	36.8
39	65.2	48.4	72.6

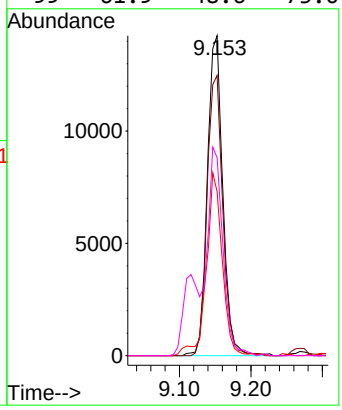




#55
1,1,2-Trichloroethane
Concen: 22.811 ug/l
RT: 9.153 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 97 Resp: 2132

Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.8	107.8
85	51.3	47.0	70.6
99	61.9	48.6	73.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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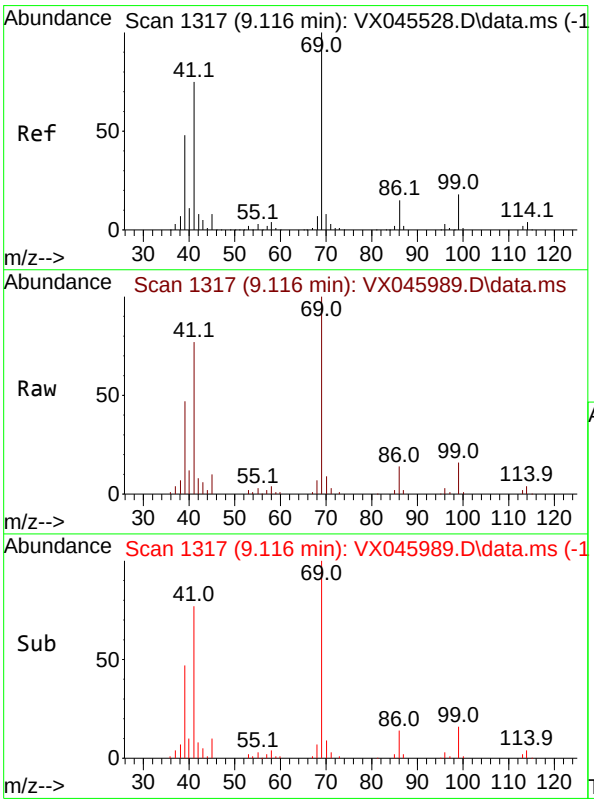
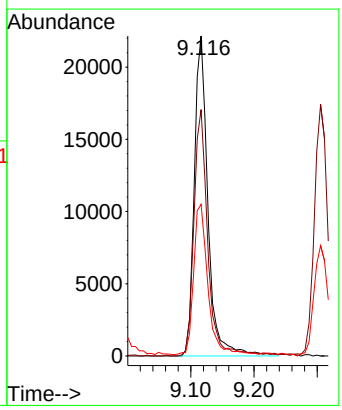
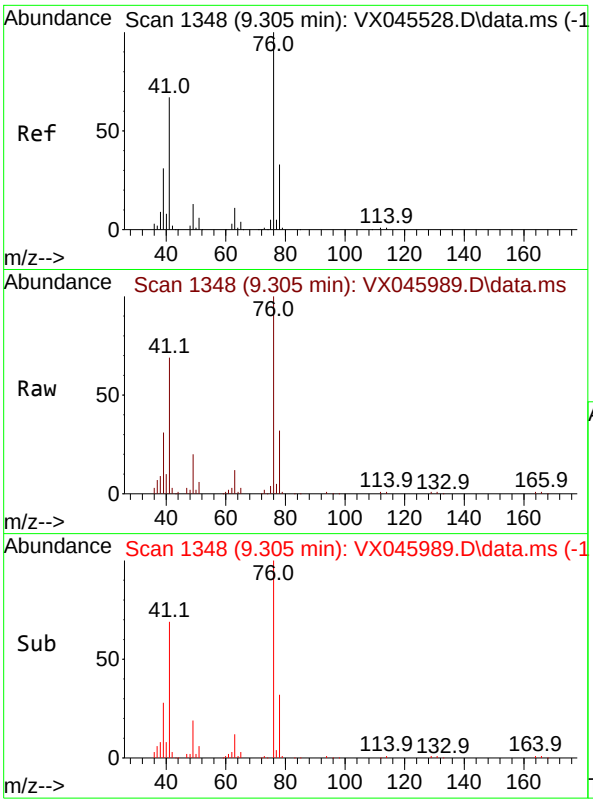


#56
Ethyl methacrylate
Concen: 23.060 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 69 Resp: 33367

Ion	Ratio	Lower	Upper
69	100		
41	78.6	61.3	91.9
39	49.1	40.2	60.2

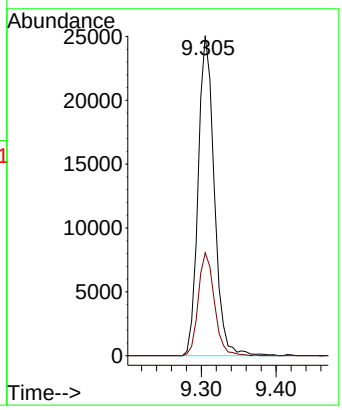




#57
1,3-Dichloropropane
Concen: 22.989 ug/l
RT: 9.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 76 Resp: 3742

Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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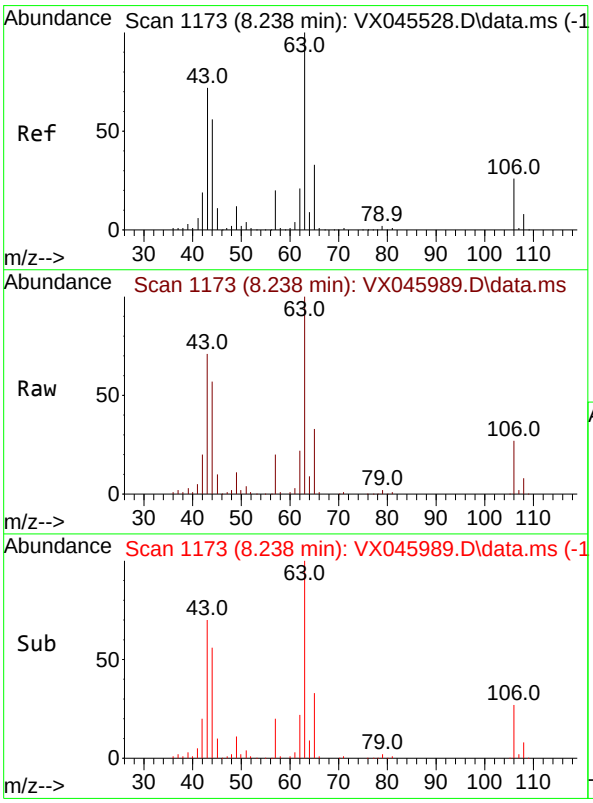
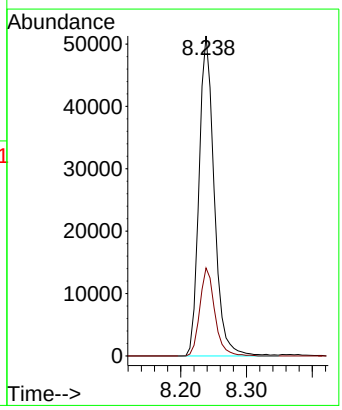
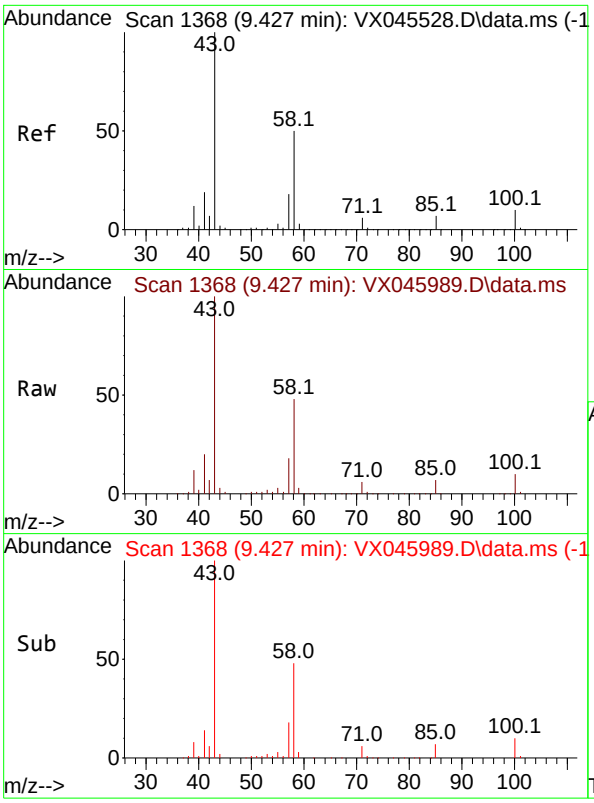


#58
2-Chloroethyl Vinyl ether
Concen: 112.632 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 63 Resp: 82443

Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.0	31.6





#59
2-Hexanone
Concen: 125.154 ug/l
RT: 9.427 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 14898

Ion	Ratio	Lower	Upper
43	100		
58	49.1	24.9	74.6

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
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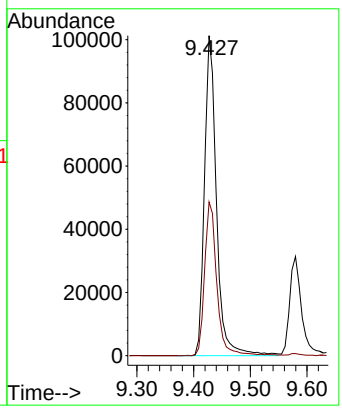
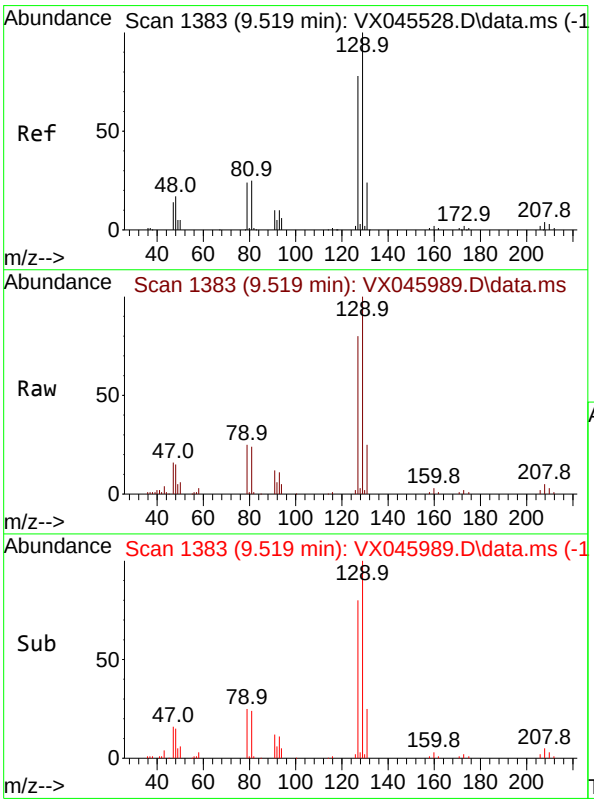
Supervised By :Semsettin Yesilyurt 05/05/2025

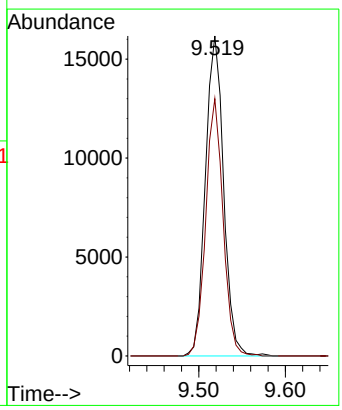


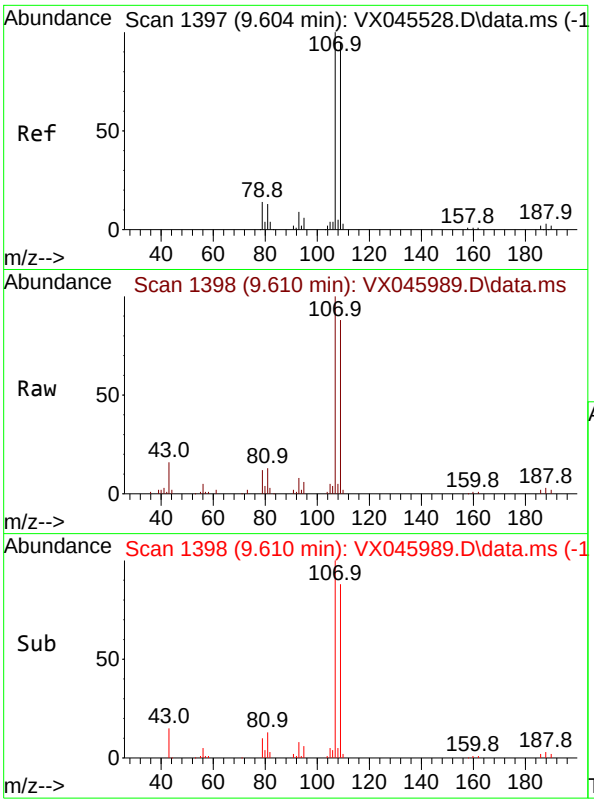


#60
Dibromochloromethane
Concen: 23.155 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:129 Resp: 23601

Ion	Ratio	Lower	Upper
129	100		
127	76.5	39.4	118.2

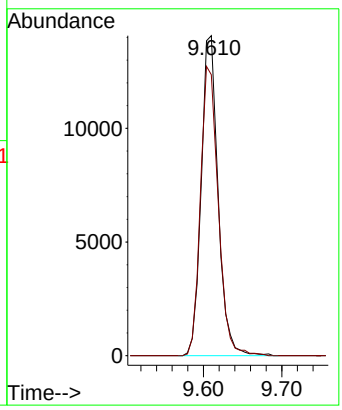




#61
1,2-Dibromoethane
Concen: 22.235 ug/l
RT: 9.610 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:107 Resp: 2104

Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.7	113.5



Instrument :
MSVOA_X
ClientSampleId :
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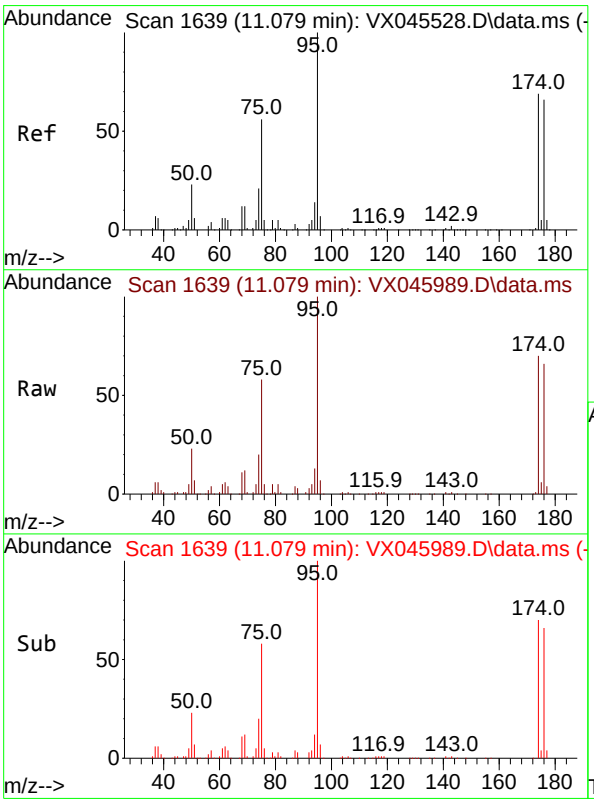
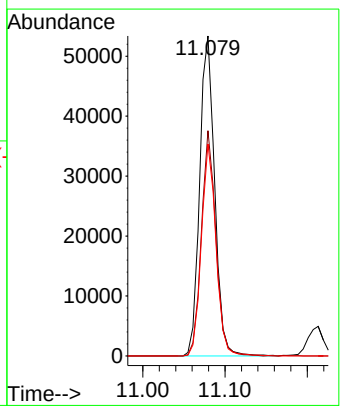
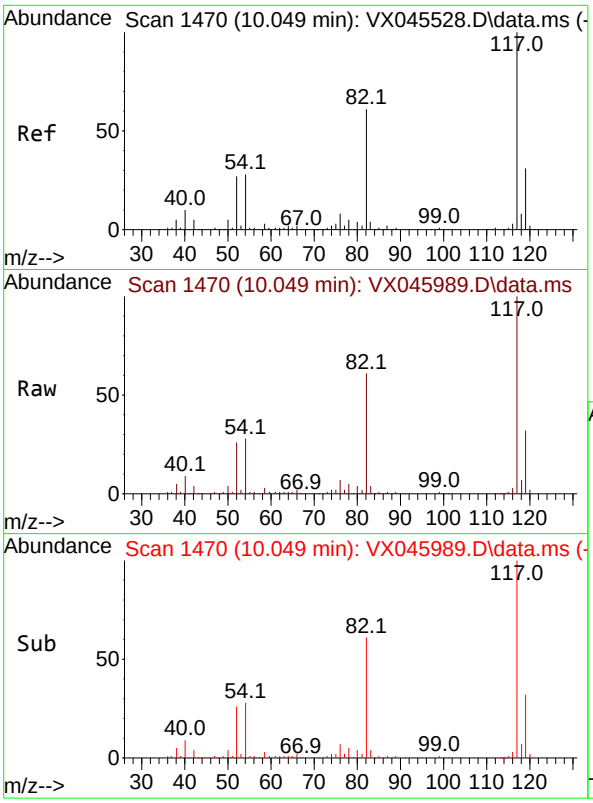


#62
4-Bromofluorobenzene
Concen: 56.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 95 Resp: 67546

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	135.8
176	64.3	0.0	131.4

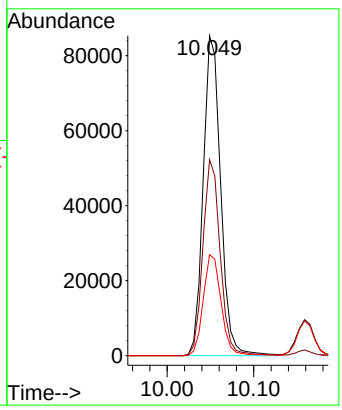




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:117 Resp: 11951

Ion	Ratio	Lower	Upper
117	100		
82	61.2	49.2	73.8
119	31.5	25.1	37.7



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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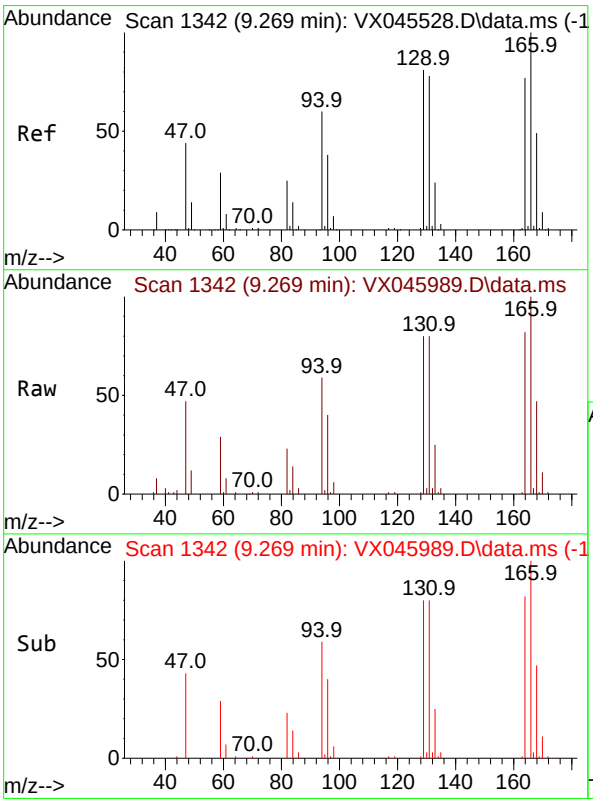
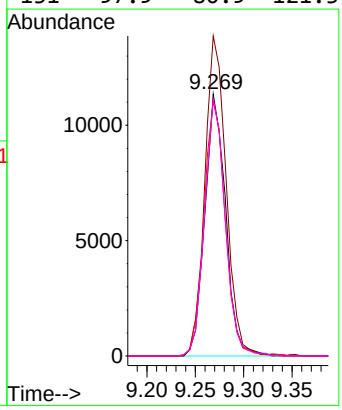
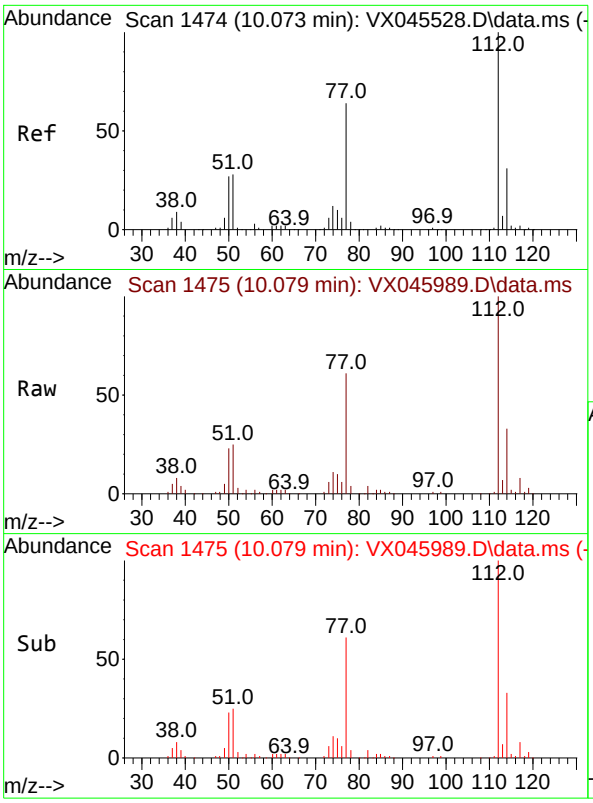


#64
Tetrachloroethene
Concen: 20.089 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:164 Resp: 16952

Ion	Ratio	Lower	Upper
164	100		
166	122.2	103.8	155.8
129	97.4	84.3	126.5
131	97.9	80.9	121.3

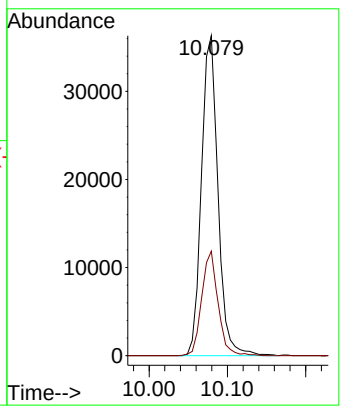




#65
Chlorobenzene
Concen: 20.805 ug/l
RT: 10.079 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:112 Resp: 5313

Ion	Ratio	Lower	Upper
112	100		
114	32.6	24.7	37.1



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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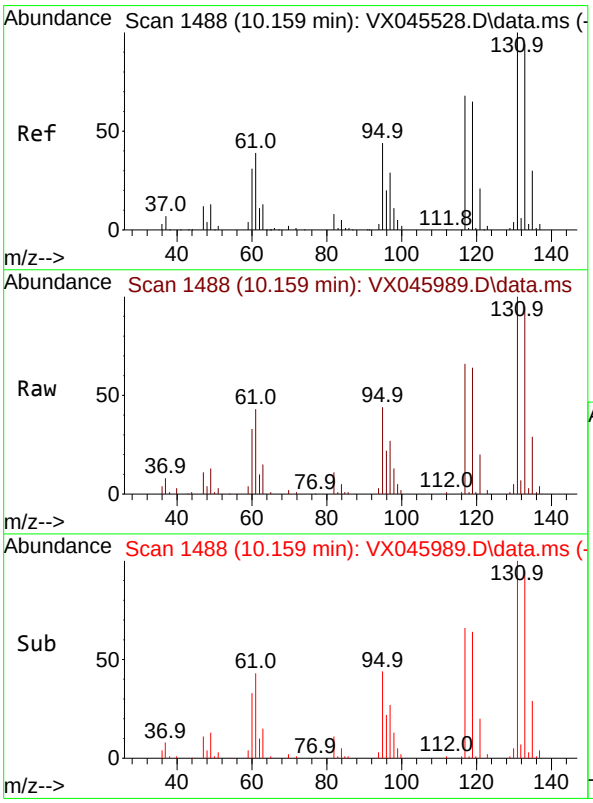
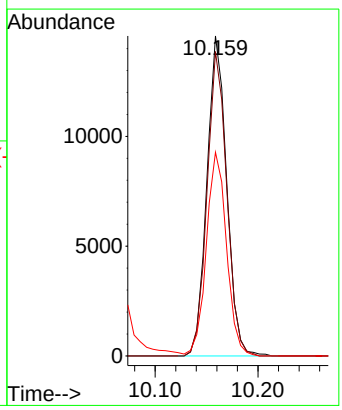
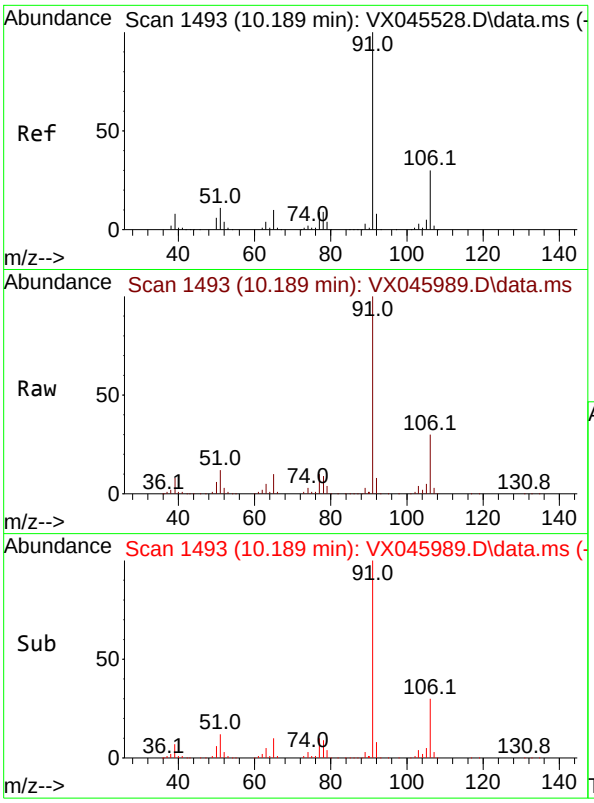


#66
1,1,1,2-Tetrachloroethane
Concen: 21.937 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:131 Resp: 19451

Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.5	142.5
119	64.9	32.9	98.6





#67
Ethyl Benzene
Concen: 20.646 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 91 Resp: 9443

Ion	Ratio	Lower	Upper
91	100		
106	29.5	23.7	35.5

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
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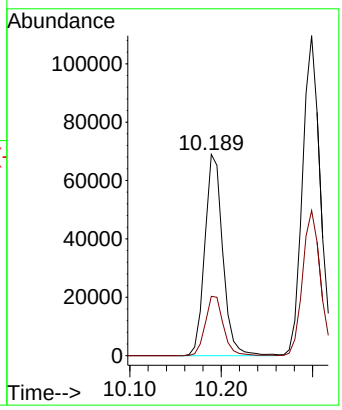
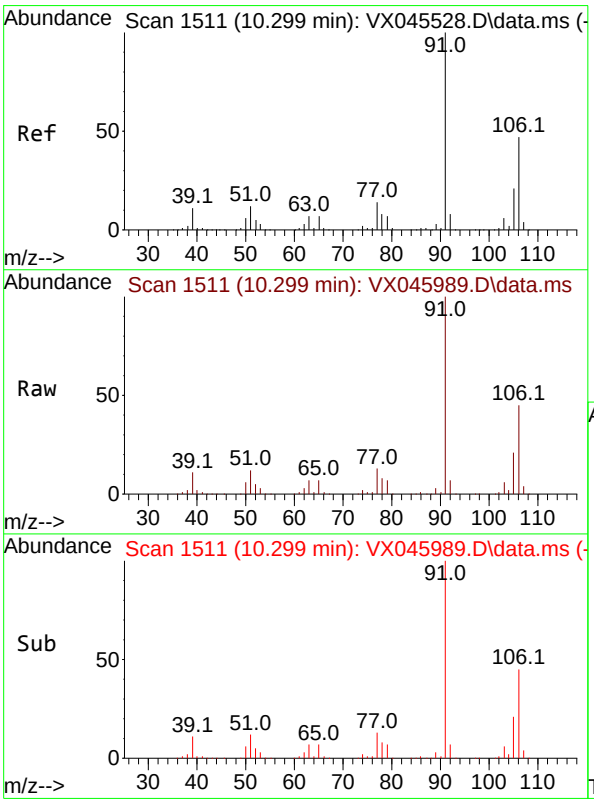
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

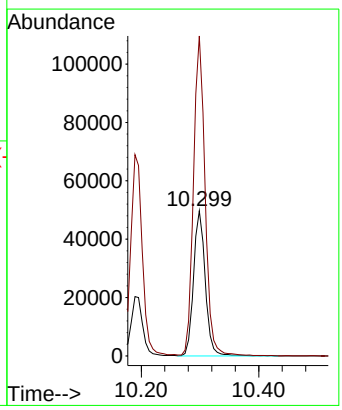


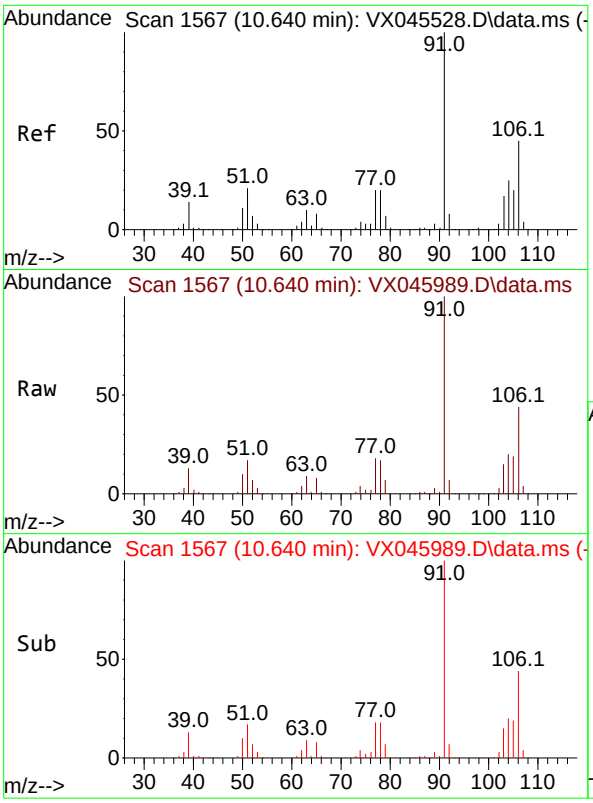


#68
m/p-Xylenes
Concen: 41.438 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:106 Resp: 68936

Ion	Ratio	Lower	Upper
106	100		
91	217.8	172.6	258.8

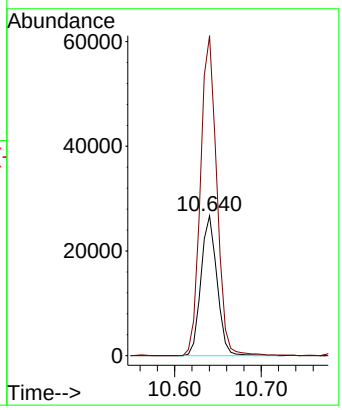




#69
o-Xylene
Concen: 21.036 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:106 Resp: 3447

Ion	Ratio	Lower	Upper
106	100		
91	232.8	113.6	340.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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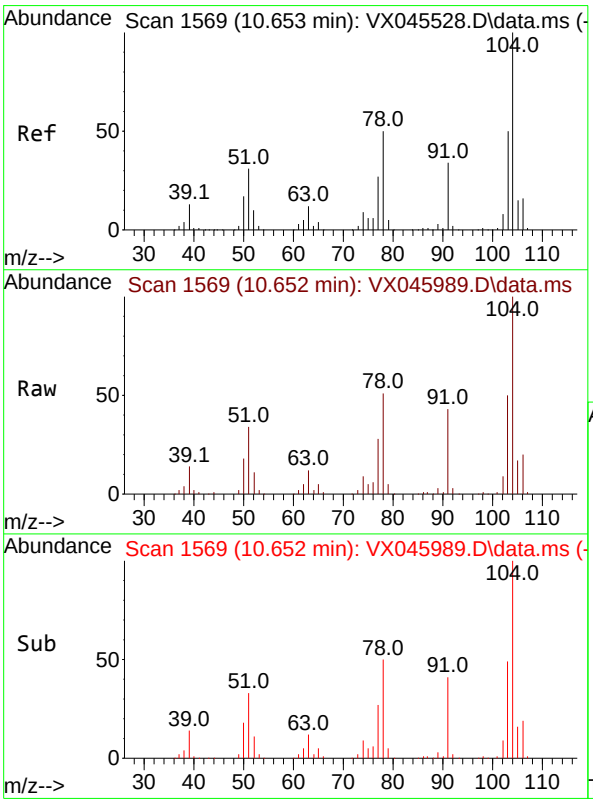
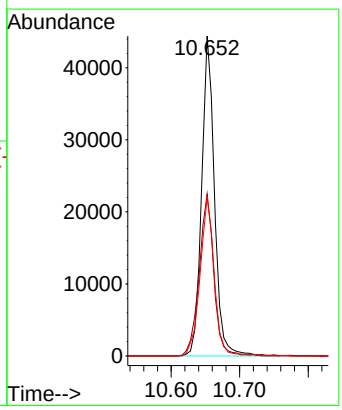
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

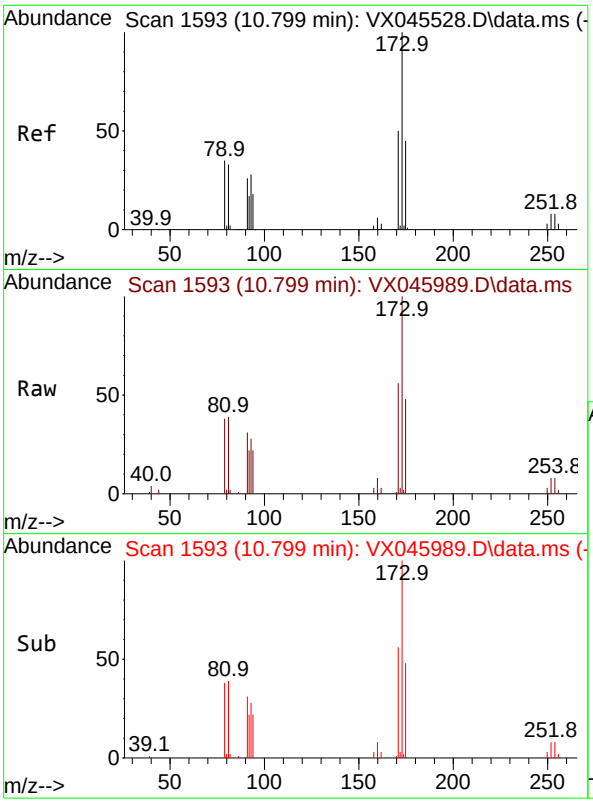


#70
Styrene
Concen: 21.493 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:104 Resp: 58136

Ion	Ratio	Lower	Upper
104	100		
78	57.5	45.4	68.2
103	54.8	43.8	65.8





#71
Bromoform
Concen: 21.393 ug/l
RT: 10.799 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tgt Ion:173 Resp: 1416

Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.4	70.2
254	0.0	0.0	0.0

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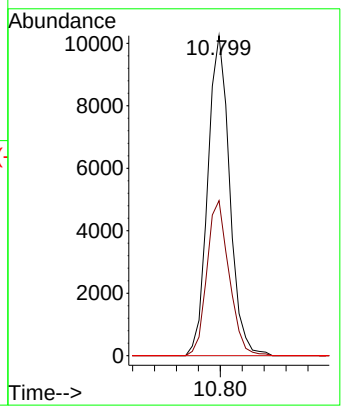
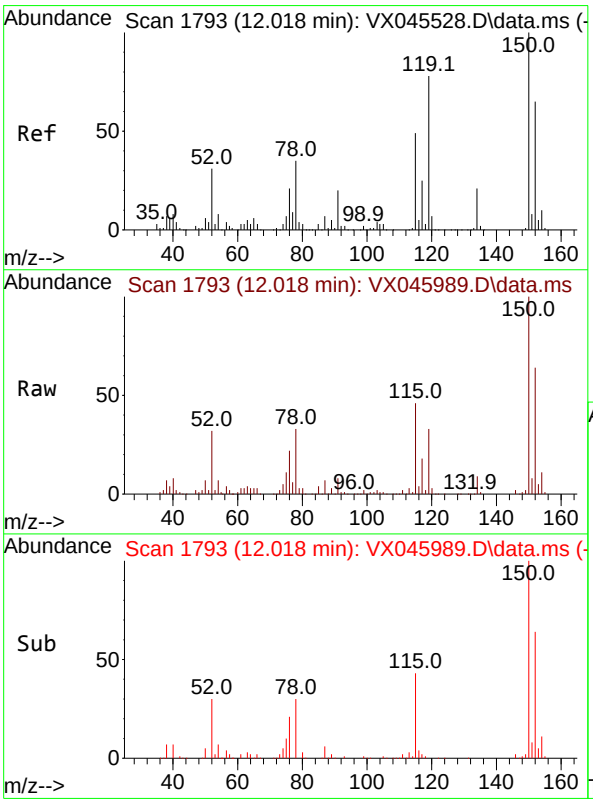
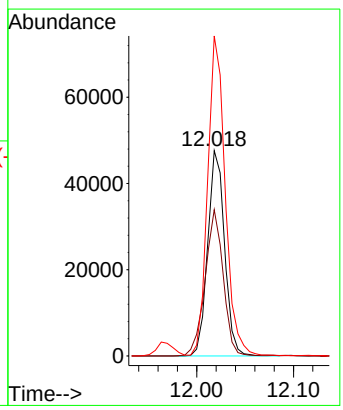


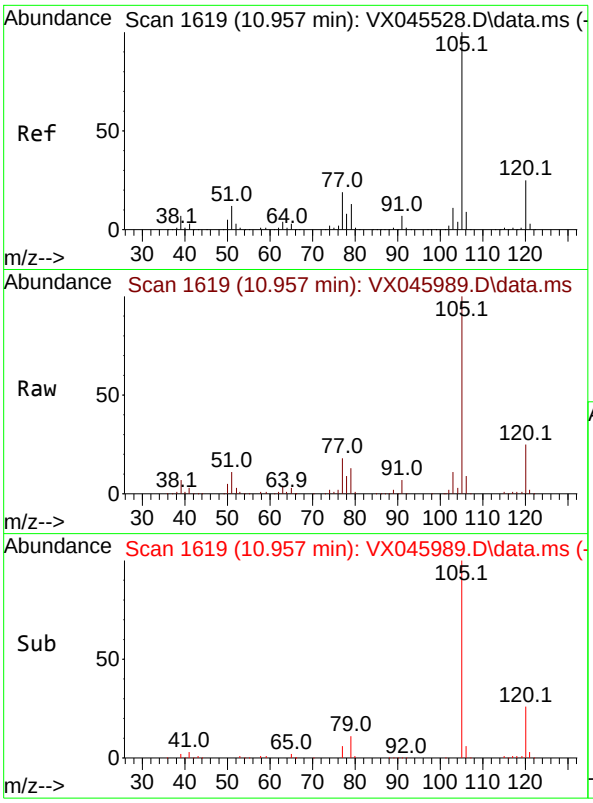


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:152 Resp: 57970

Ion	Ratio	Lower	Upper
152	100		
115	76.2	46.9	140.7
150	161.8	0.0	349.4





#73
Isopropylbenzene
Concen: 20.114 ug/l
RT: 10.957 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:105 Resp: 9339

Ion	Ratio	Lower	Upper
105	100		
120	25.0	12.7	38.0

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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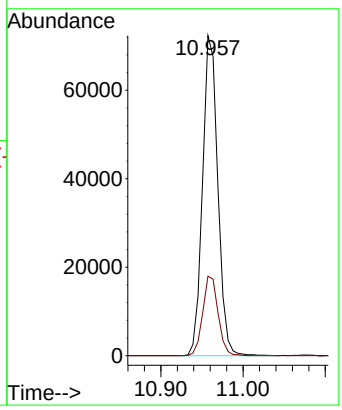
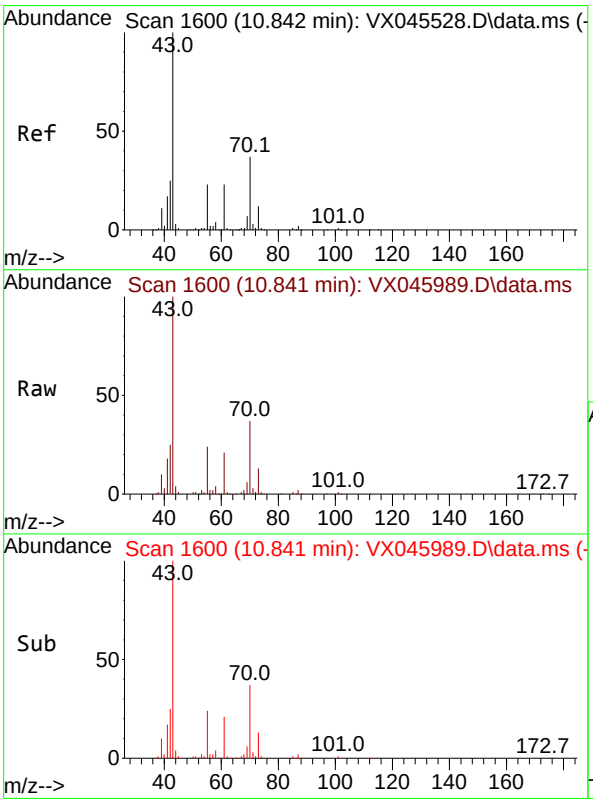
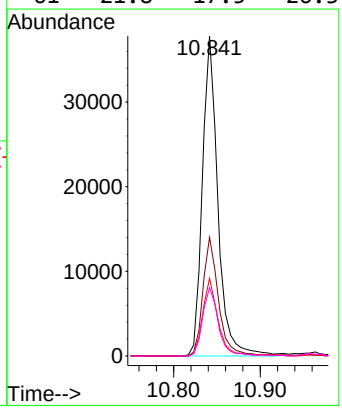


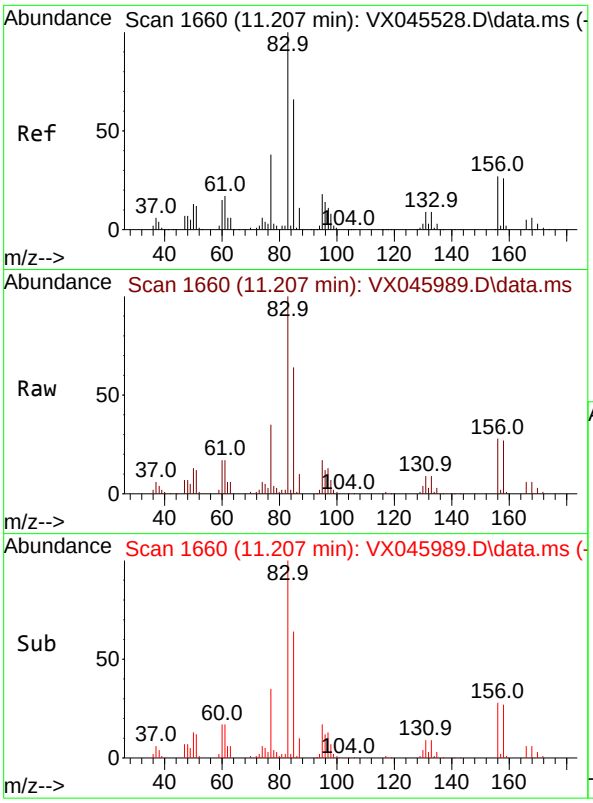


#74
N-amyl acetate
Concen: 21.159 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 43 Resp: 46998

Ion	Ratio	Lower	Upper
43	100		
70	37.8	30.1	45.1
55	24.1	18.3	27.5
61	21.8	17.5	26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 21.980 ug/l
RT: 11.207 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 83 Resp: 3585

Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	63.7	32.4	97.2

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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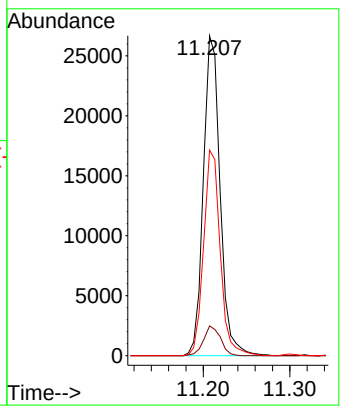
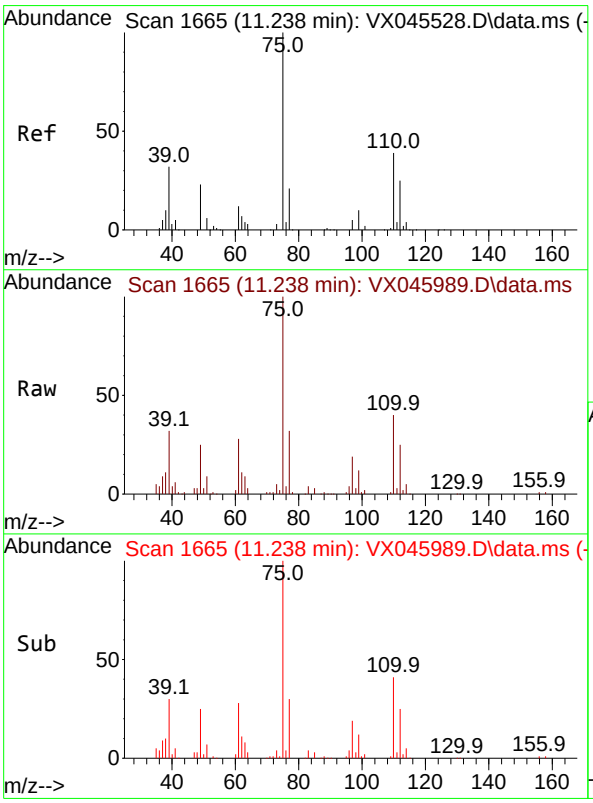
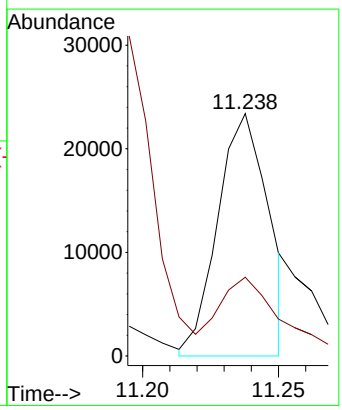


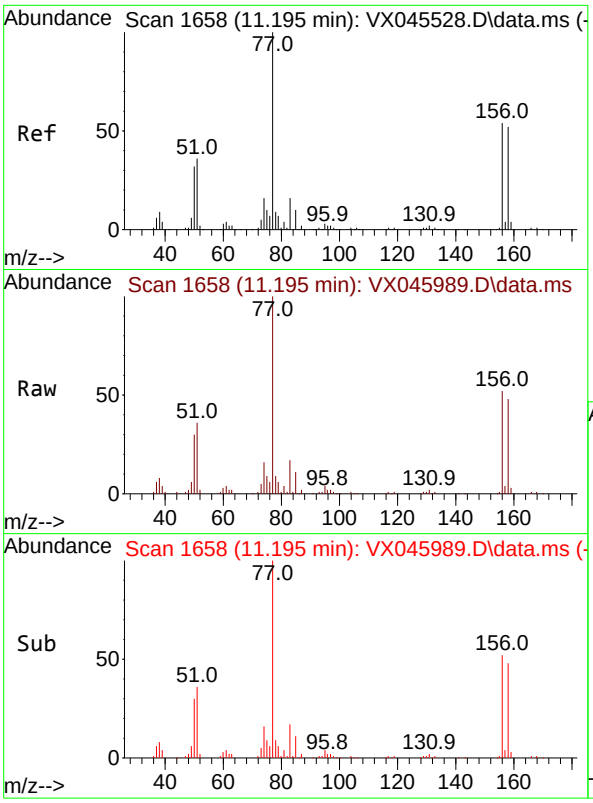


#76
1,2,3-Trichloropropane
Concen: 21.461 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 75 Resp: 30347

Ion	Ratio	Lower	Upper
75	100		
77	40.2	20.0	59.9

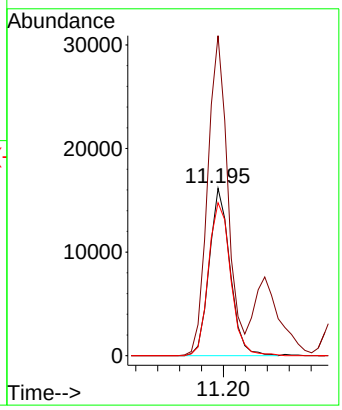




#77
Bromobenzene
Concen: 19.842 ug/l
RT: 11.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:156 Resp: 2128

Ion	Ratio	Lower	Upper
156	100		
77	185.1	92.6	277.8
158	97.4	48.1	144.4



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
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Reviewed By :John Carlone 05/02/2025
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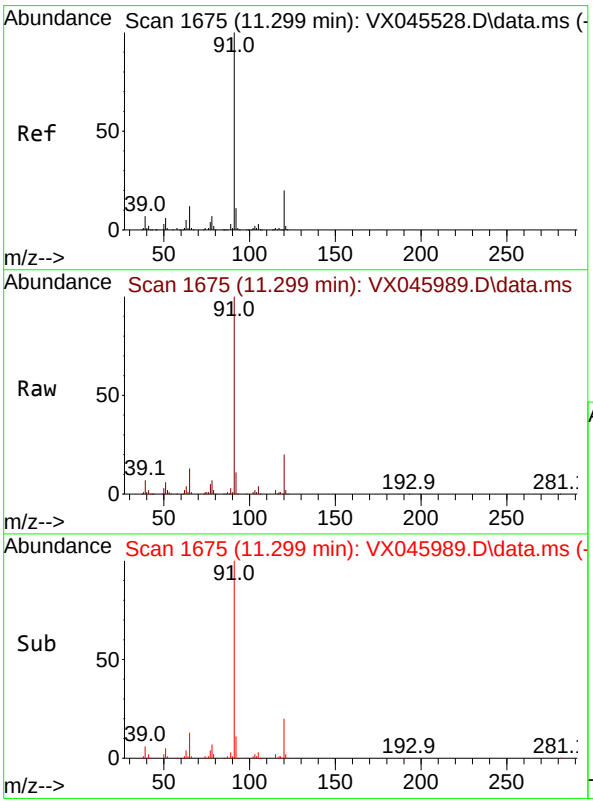
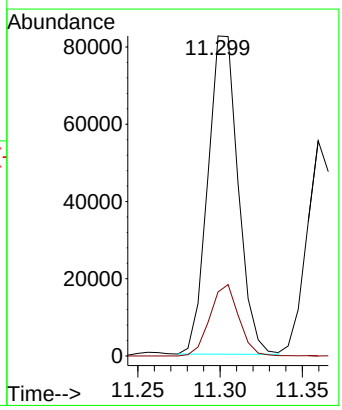
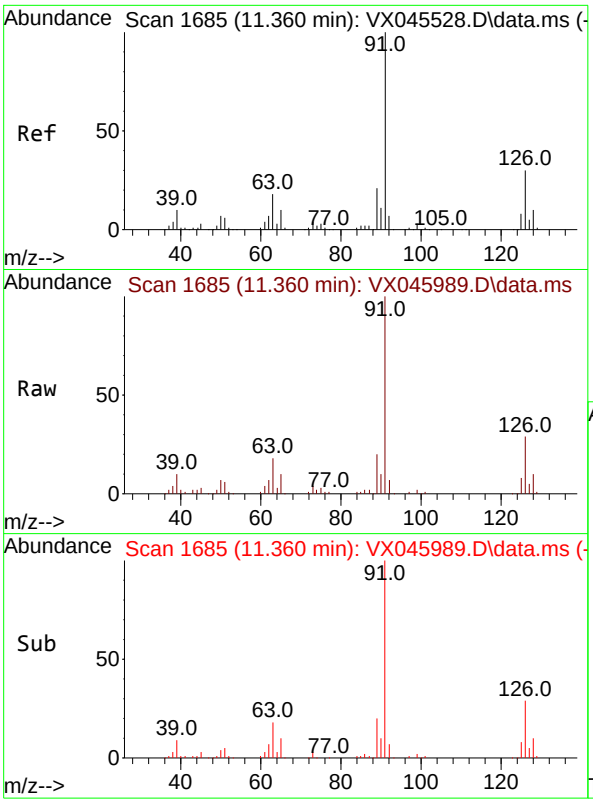


#78
n-propylbenzene
Concen: 19.771 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 91 Resp: 105745

Ion	Ratio	Lower	Upper
91	100		
120	21.4	10.8	32.3





#79
2-Chlorotoluene
Concen: 19.875 ug/l
RT: 11.360 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 91 Resp: 6795

Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.8	47.4

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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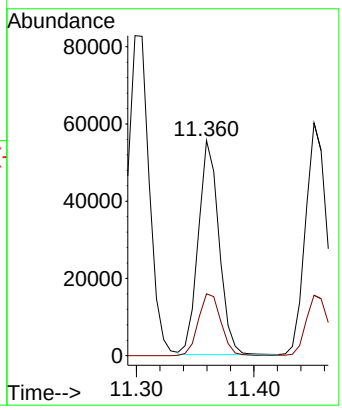
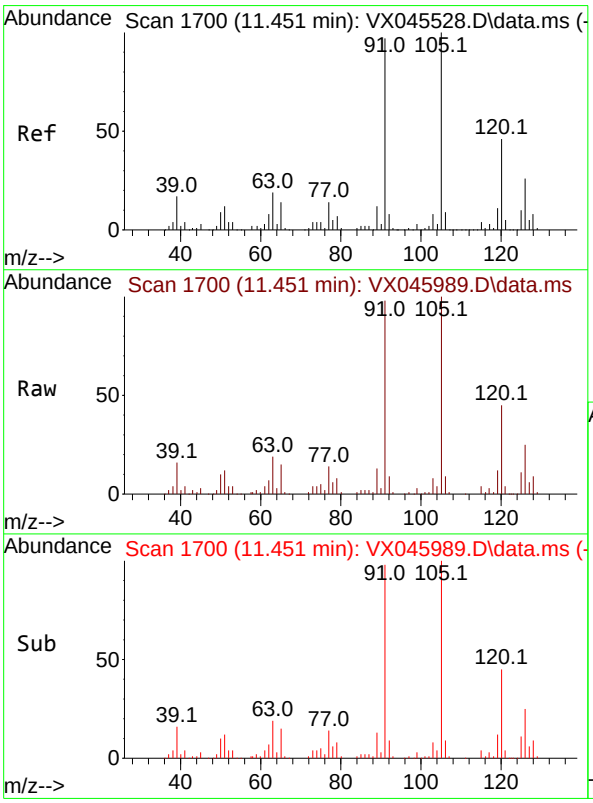
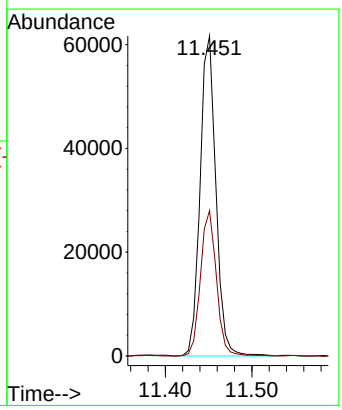


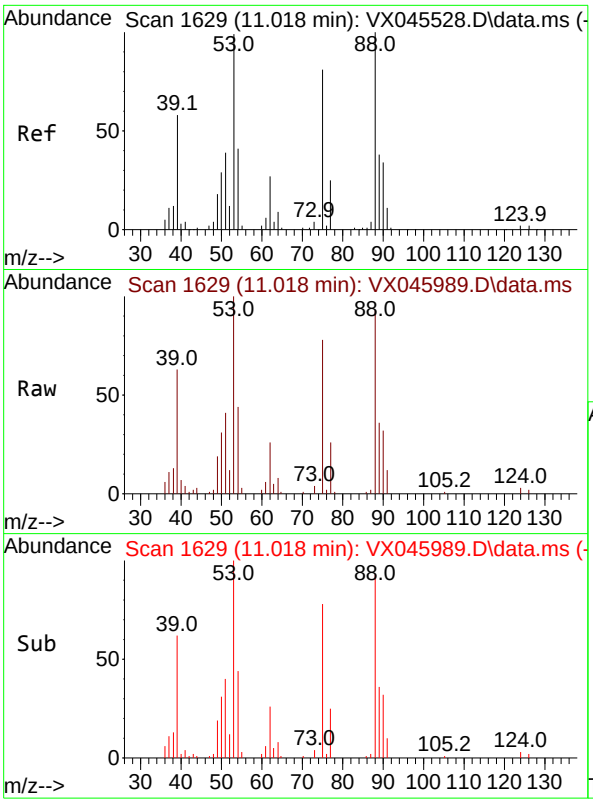


#80
1,3,5-Trimethylbenzene
Concen: 20.342 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:105 Resp: 78107

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.0	69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.312 ug/l
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 75 Resp: 804

Ion	Ratio	Lower	Upper
75	100		
53	134.8	101.8	152.6
89	43.7	37.2	55.8

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
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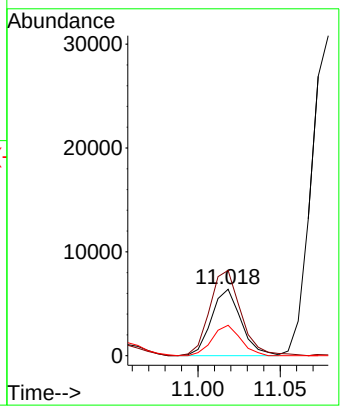
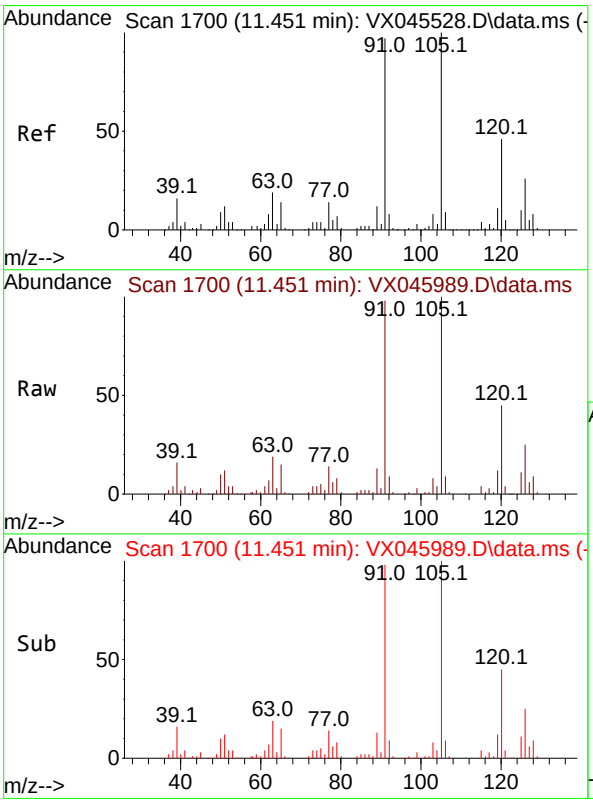
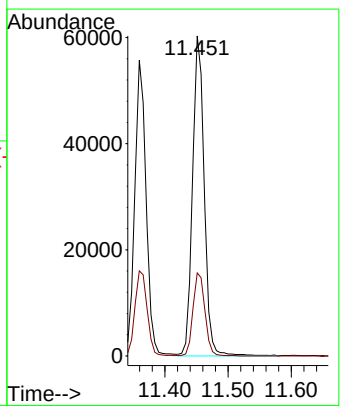


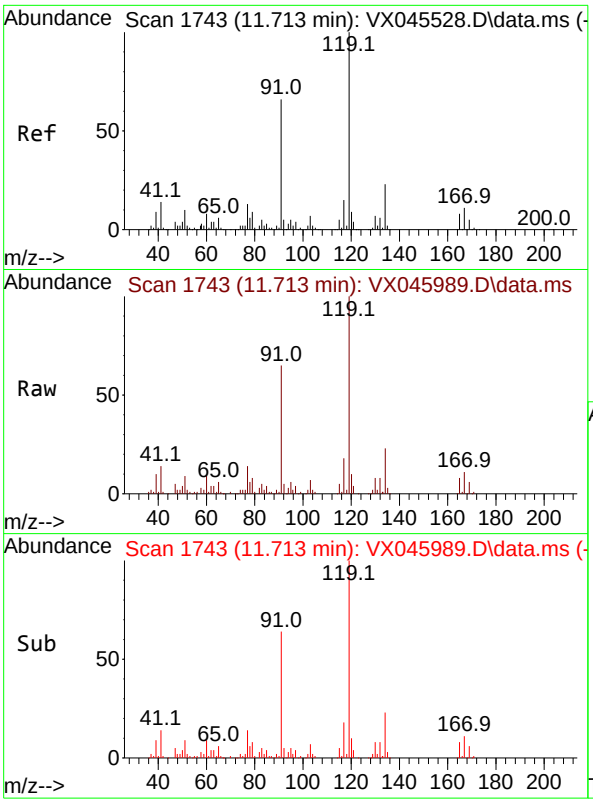


#82
4-Chlorotoluene
Concen: 20.415 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 91 Resp: 77828

Ion	Ratio	Lower	Upper
91	100		
126	26.5	13.3	39.9

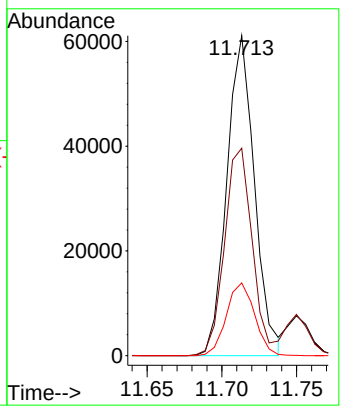




#83
tert-Butylbenzene
Concen: 20.643 ug/l
RT: 11.713 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:119 Resp: 7847

Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.4	97.2
134	23.3	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
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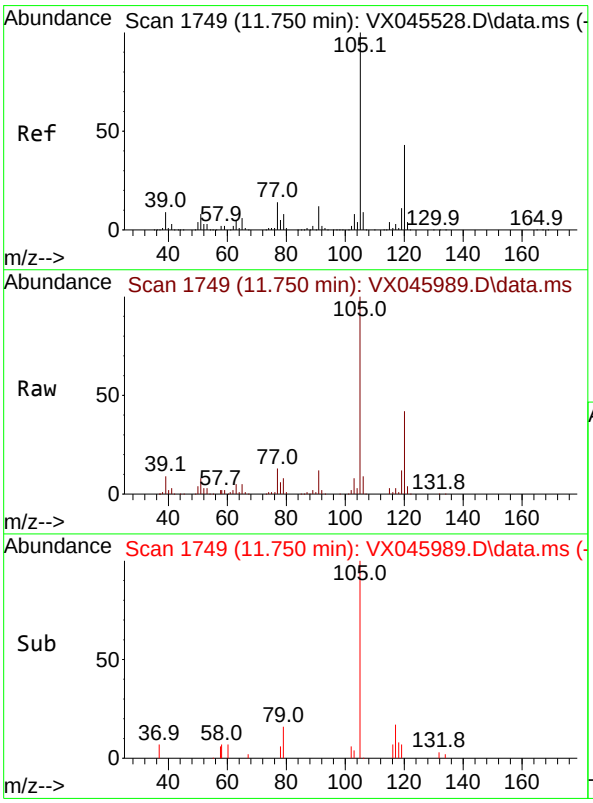
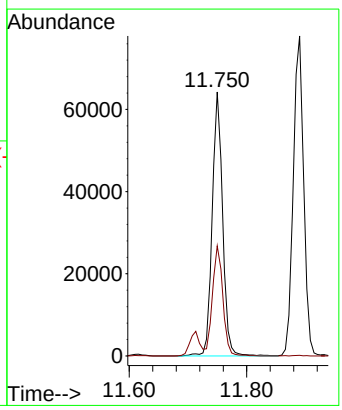
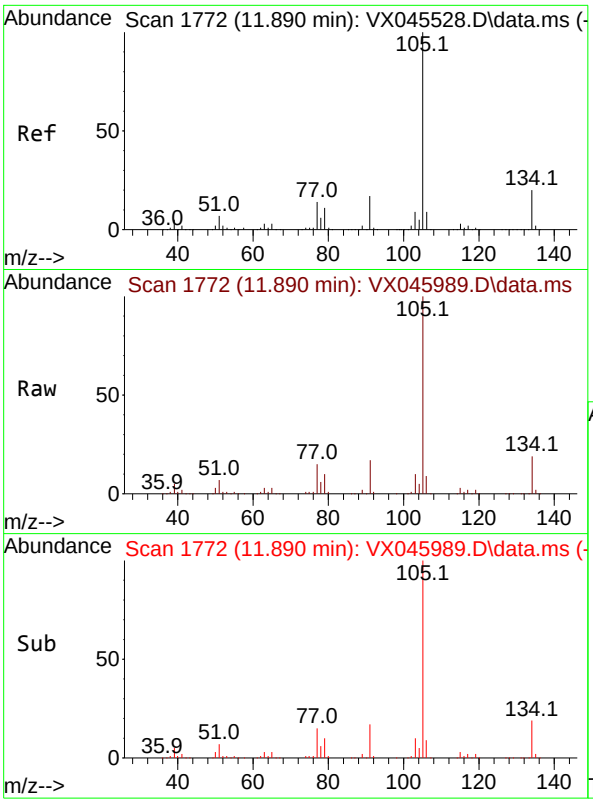


#84
1,2,4-Trimethylbenzene
Concen: 20.560 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:105 Resp: 79237

Ion	Ratio	Lower	Upper
105	100		
120	41.9	21.4	64.3

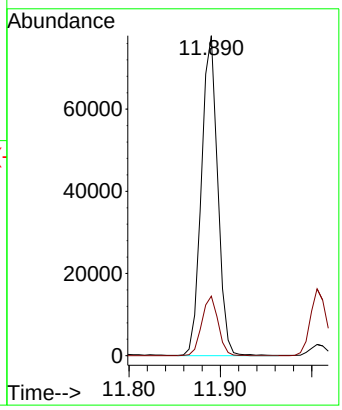




#85
sec-Butylbenzene
Concen: 20.598 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:105 Resp: 9617

Ion	Ratio	Lower	Upper
105	100		
134	18.6	9.6	28.6



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

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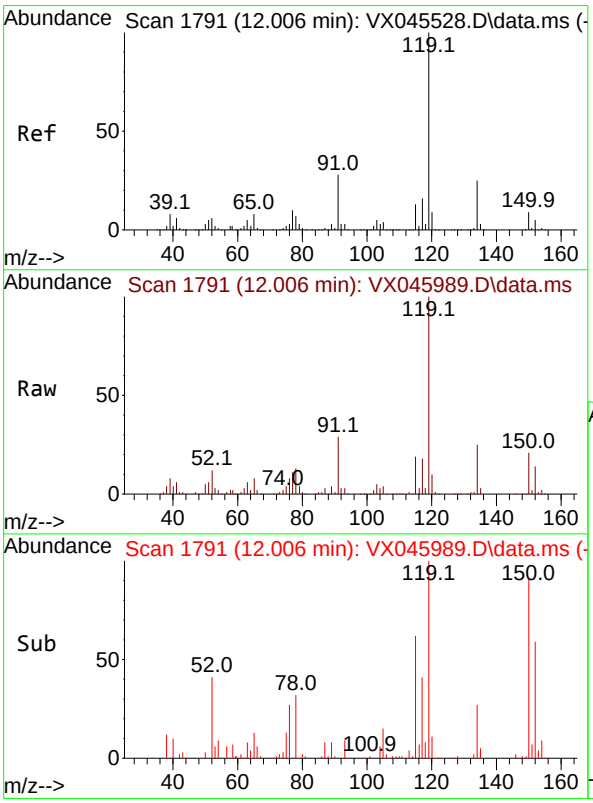
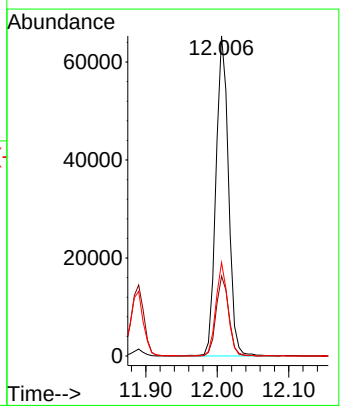
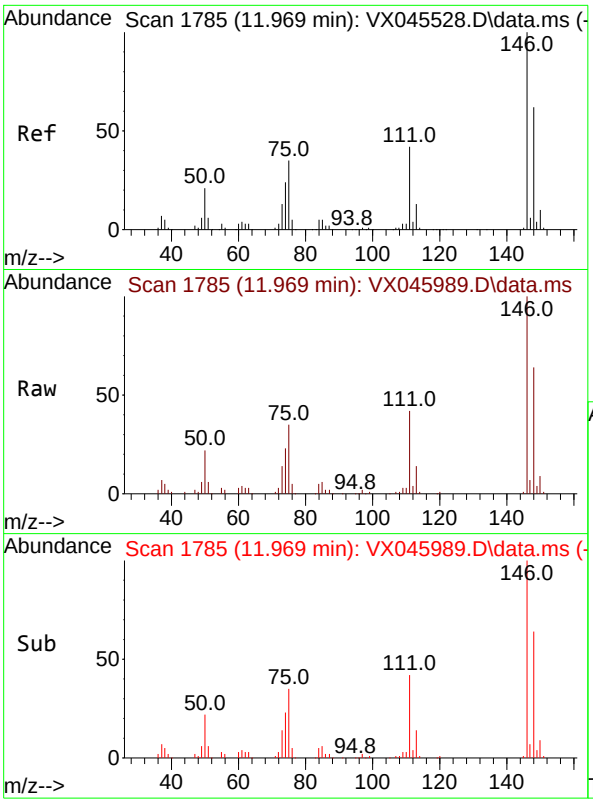


#86
p-Isopropyltoluene
Concen: 20.666 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:119 Resp: 79550

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.6	37.8
91	27.8	13.7	41.1

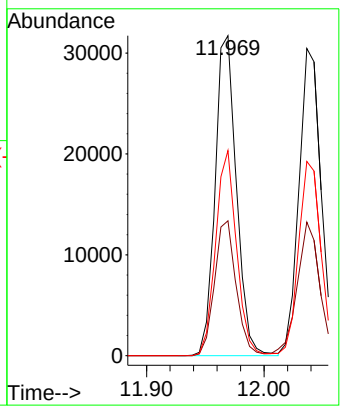




#87
1,3-Dichlorobenzene
Concen: 20.522 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:146 Resp: 4007

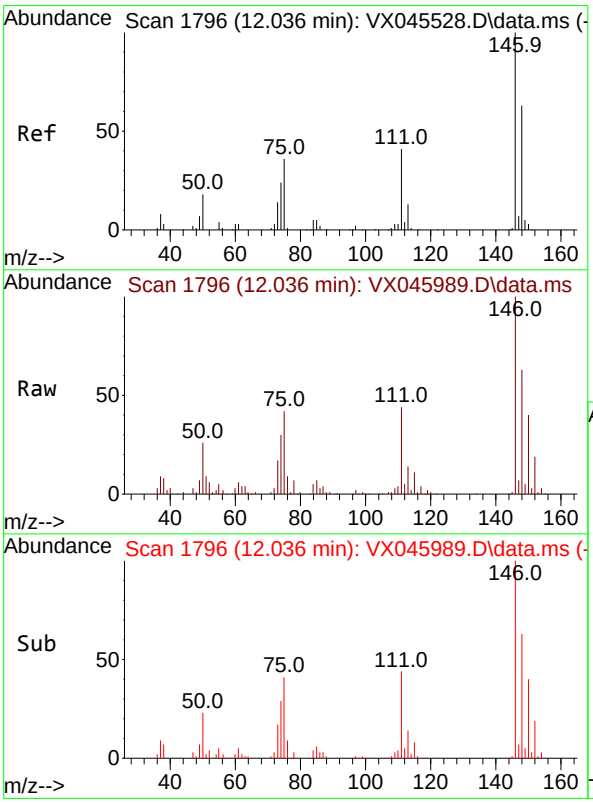
Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.2	66.6
148	62.8	31.9	95.7



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

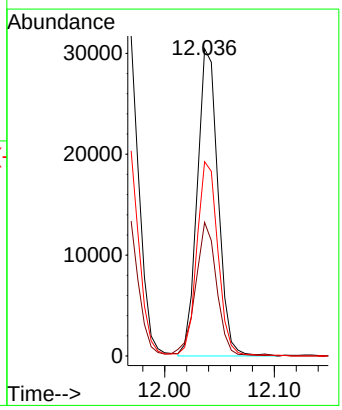
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

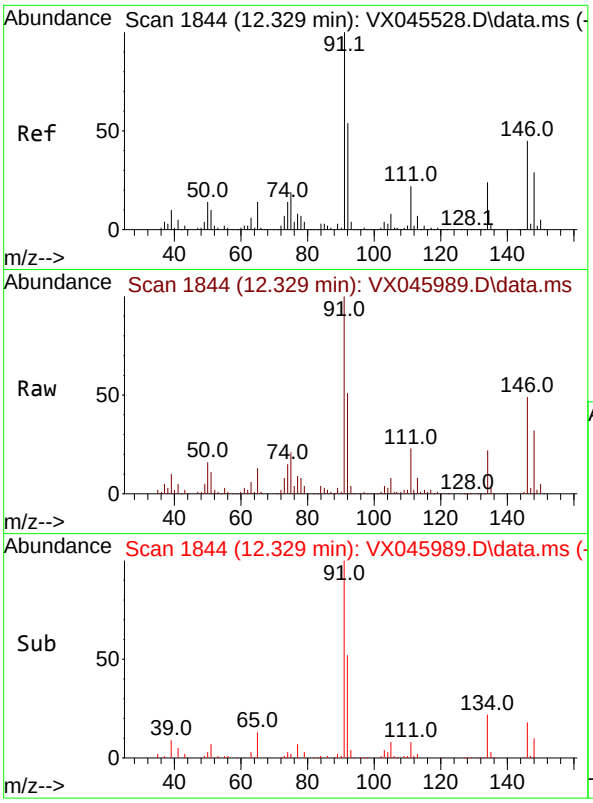


#88
1,4-Dichlorobenzene
Concen: 20.249 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:146 Resp: 40092

Ion	Ratio	Lower	Upper
146	100		
111	44.4	20.9	62.8
148	64.5	31.5	94.5

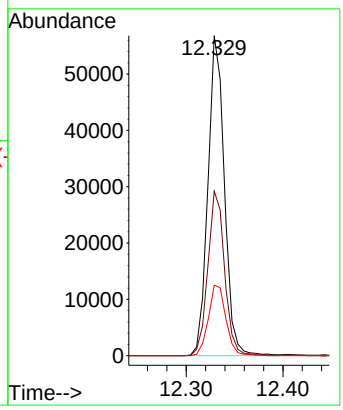




#89
n-Butylbenzene
Concen: 20.217 ug/l
RT: 12.329 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 91 Resp: 6748

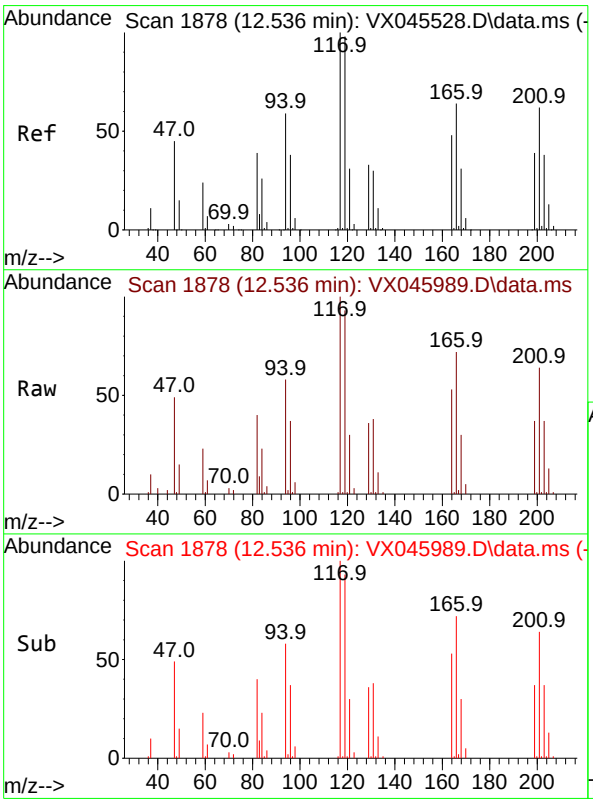
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.9	80.6
134	23.5	11.9	35.7



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

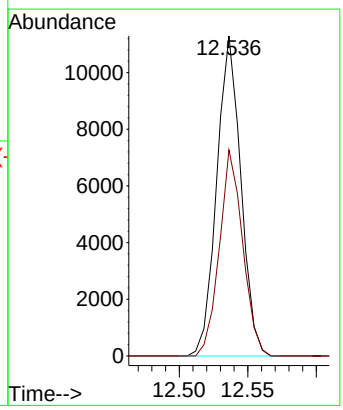
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

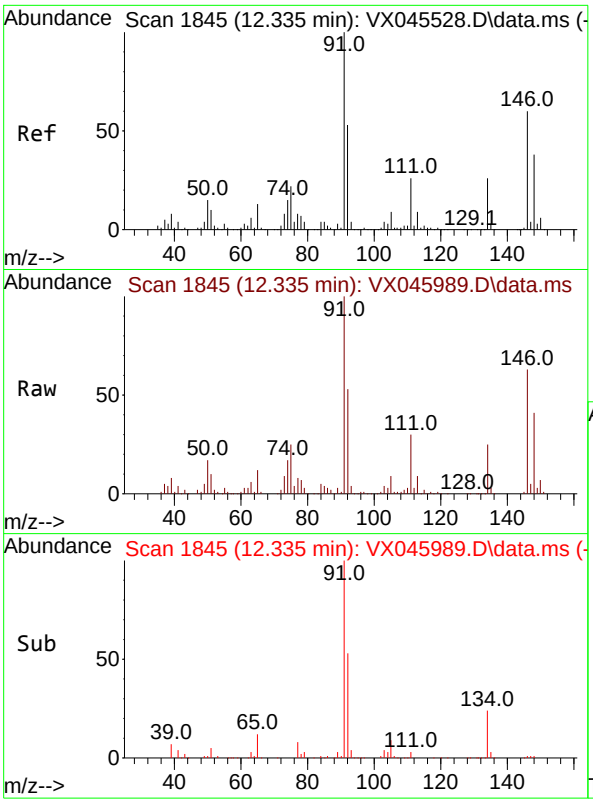


#90
Hexachloroethane
Concen: 20.856 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:117 Resp: 13797

Ion	Ratio	Lower	Upper
117	100		
201	62.3	31.2	93.6

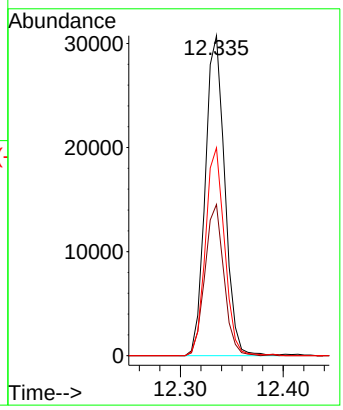




#91
1,2-Dichlorobenzene
Concen: 20.890 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:146 Resp: 4056

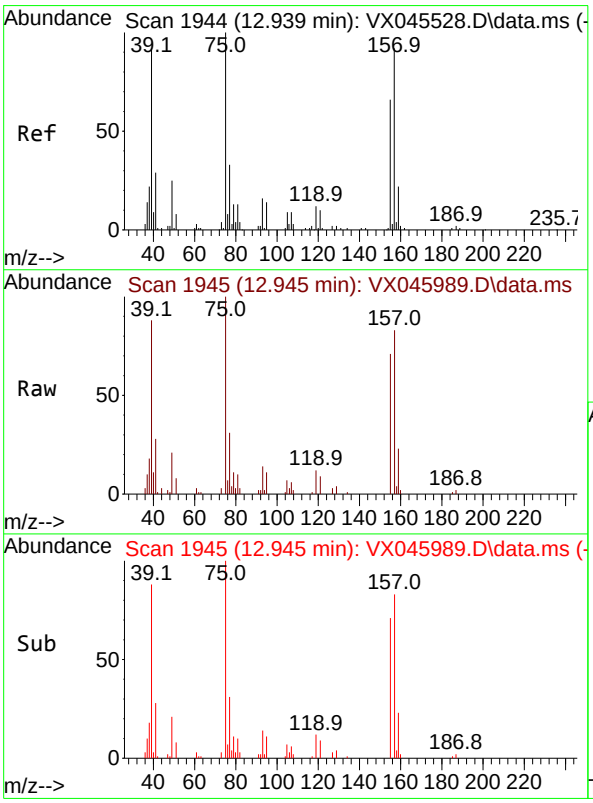
Ion	Ratio	Lower	Upper
146	100		
111	46.0	22.9	68.8
148	63.8	31.9	95.5



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

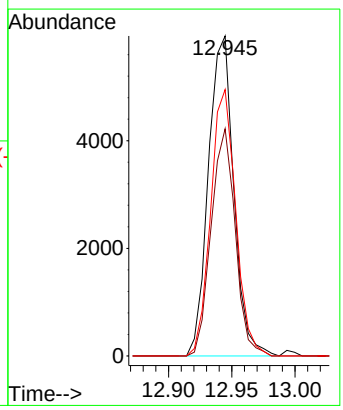
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

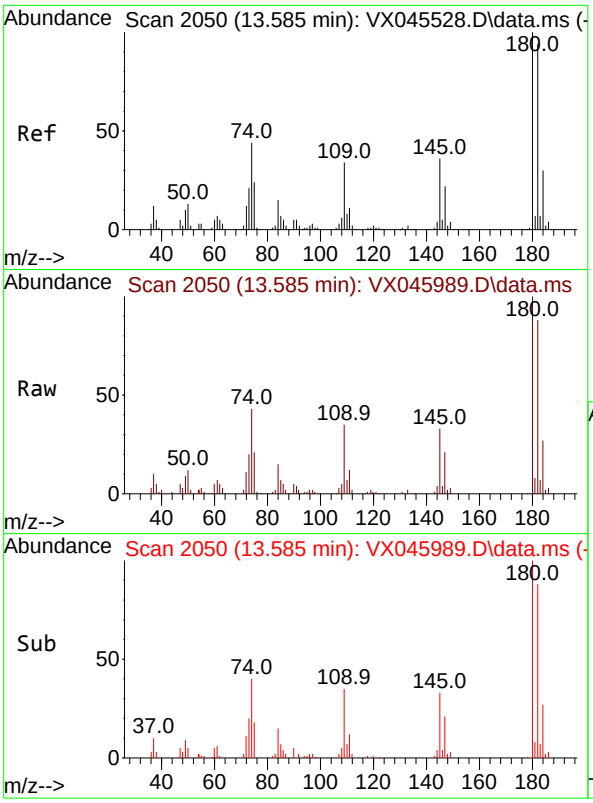


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.336 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion: 75 Resp: 8302

Ion	Ratio	Lower	Upper
75	100		
155	67.4	34.9	104.7
157	82.0	44.9	134.7





#93
1,2,4-Trichlorobenzene
Concen: 20.447 ug/l
RT: 13.585 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

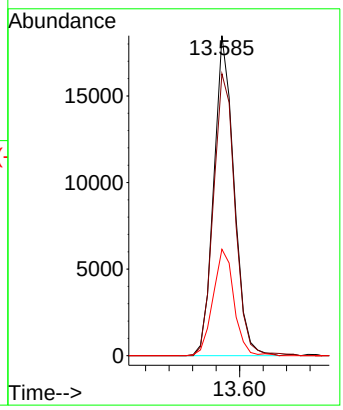
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

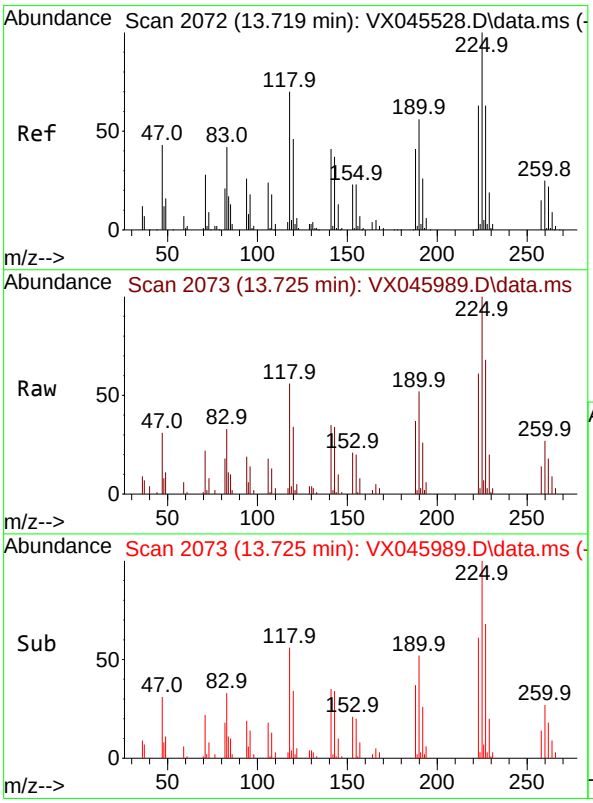
Tgt Ion:180 Resp: 2209

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.6
145	34.5	17.9	53.8

Manual Integrations APPROVED

Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

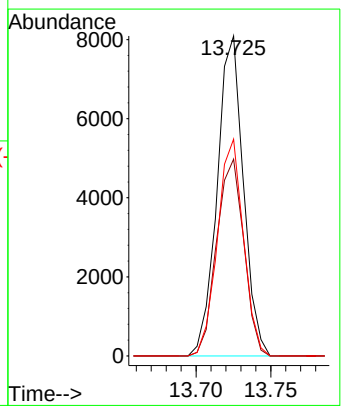


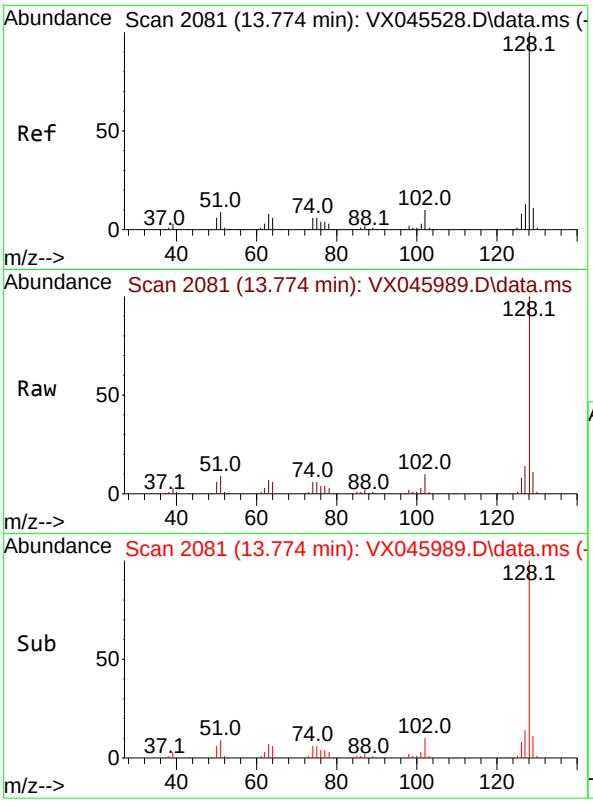


#94
Hexachlorobutadiene
Concen: 21.173 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:225 Resp: 9861

Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.3
227	67.0	32.2	96.6

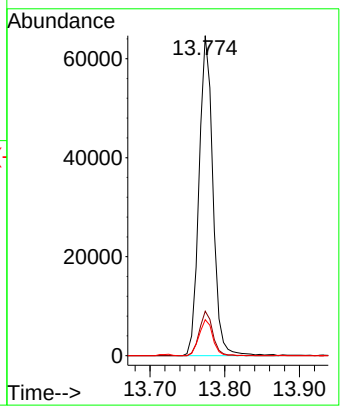




#95
Naphthalene
Concen: 20.719 ug/l
RT: 13.774 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:128 Resp: 8333

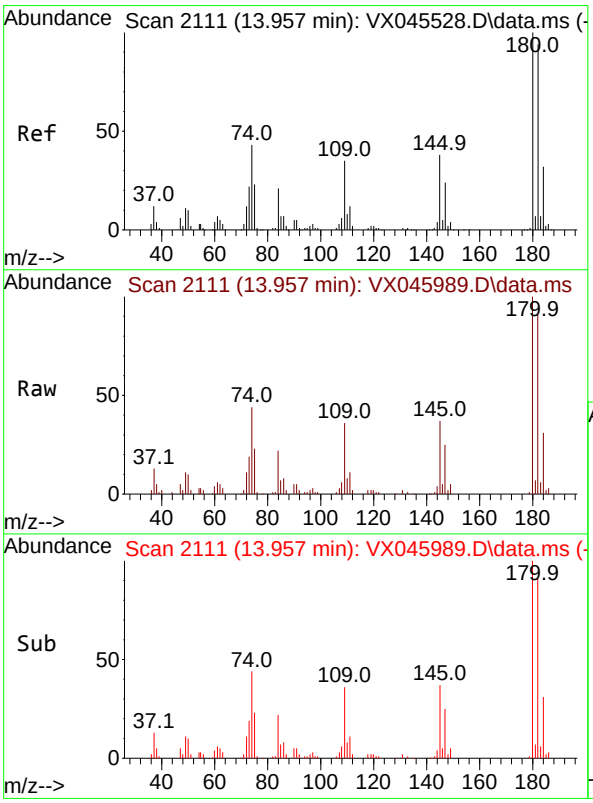
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.1	8.6	12.8



Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

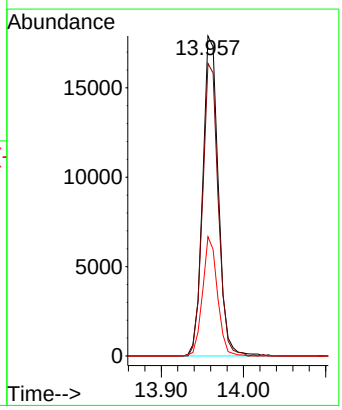
Reviewed By :John Carlone 05/02/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.872 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045989.D
Acq: 30 Apr 2025 11:46

Tgt Ion:180 Resp: 23622

Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.3	141.8
145	35.4	18.2	54.6



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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MS	SDG No.:	Q1914
Lab Sample ID:	Q1914-10MS	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	6.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022115.D	1		05/01/25 18:23	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	58.5		0.63	4.00	ug/Kg
108-88-3	Toluene	820	E	0.62	4.00	ug/Kg
100-41-4	Ethyl Benzene	1400	E	0.53	4.00	ug/Kg
1330-20-7	Total Xylenes	7700	E	1.63	11.9	ug/Kg
98-82-8	Isopropylbenzene	400	E	0.62	4.00	ug/Kg
103-65-1	n-propylbenzene	570	E	0.58	4.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	750	E	0.65	4.00	ug/Kg
98-06-6	tert-Butylbenzene	14.1		0.53	4.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	1000	E	0.51	4.00	ug/Kg
135-98-8	sec-Butylbenzene	370	E	0.52	4.00	ug/Kg
99-87-6	p-Isopropyltoluene	240	E	0.49	4.00	ug/Kg
104-51-8	n-Butylbenzene	400	E	1.10	4.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.1		63 - 155	82%	SPK: 50
1868-53-7	Dibromofluoromethane	47.5		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	110	*	74 - 123	225%	SPK: 50
460-00-4	4-Bromofluorobenzene	260	*	38 - 136	518%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	343000	7.707			
540-36-3	1,4-Difluorobenzene	537000	8.615			
3114-55-4	Chlorobenzene-d5	334000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	379000	13.328			

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_Y\Data\VY050125\
Data File : VY022115.D
Acq On : 01 May 2025 18:23
Operator : SY/MD
Sample : Q1914-10MS
Misc : 6.83g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 02 04:30:52 2025
Quant Title :
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	342721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	536963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	334367	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.328	152	378955	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	130239	41.141	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 82.280%			
35) Dibromofluoromethane	7.634	113	168638	47.538	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.080%			
50) Toluene-d8	10.109	98	1507509	112.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 225.440%#			
62) 4-Bromofluorobenzene	12.407	95	1166955	259.196	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 518.400%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.860	85	123173	42.178	ug/l	99
3) Chloromethane	2.068	50	170368	40.971	ug/l	98
4) Vinyl Chloride	2.202	62	196001	38.357	ug/l	95
5) Bromomethane	2.598	94	160708	36.505	ug/l	99
6) Chloroethane	2.732	64	141950	40.790	ug/l	100
7) Trichlorofluoromethane	3.055	101	278916	41.394	ug/l	95
8) Diethyl Ether	3.451	74	79093	45.099	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.817	101	134240	36.726	ug/l	95
10) Methyl Iodide	4.006	142	243135	57.451	ug/l	97
11) Tert butyl alcohol	4.854	59	34418	198.042	ug/l #	70
12) 1,1-Dichloroethene	3.787	96	164673	48.333	ug/l	97
13) Acrolein	3.653	56	19797	63.468	ug/l	85
14) Allyl chloride	4.384	41	183947	46.368	ug/l	98
15) Acrylonitrile	5.055	53	122512	190.816	ug/l	94
16) Acetone	3.860	43	119634	292.338	ug/l	96
17) Carbon Disulfide	4.104	76	407950	37.553	ug/l	99
18) Methyl Acetate	4.384	43	73336	49.593	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	355767	46.654	ug/l #	24
20) Methylene Chloride	4.610	84	189209	47.268	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	173495	45.470	ug/l	99
22) Diisopropyl ether	6.018	45	400258	45.338	ug/l	97
23) Vinyl Acetate	5.963	43	515455m	108.337	ug/l	
24) 1,1-Dichloroethane	5.914	63	296805	48.502	ug/l	97
25) 2-Butanone	6.890	43	145573	201.737	ug/l	99
26) 2,2-Dichloropropane	6.884	77	241113	44.955	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	207137	48.550	ug/l	96
28) Bromochloromethane	7.243	49	91016	38.292	ug/l	86
29) Tetrahydrofuran	7.256	42	80262	171.257	ug/l	93
30) Chloroform	7.420	83	318290	46.891	ug/l	98
31) Cyclohexane	7.701	56	1616282	308.861	ug/l	94
32) 1,1,1-Trichloroethane	7.615	97	274119	44.637	ug/l	98
36) 1,1-Dichloropropene	7.835	75	190732	40.026	ug/l	98
37) Ethyl Acetate	6.981	43	55988	32.714	ug/l	97
38) Carbon Tetrachloride	7.817	117	229351	40.279	ug/l	98
39) Methylcyclohexane	9.109	83	9359573	1560.780	ug/l	95
40) Benzene	8.079	78	1099147	73.789	ug/l	98
41) Methacrylonitrile	7.213	41	30549	32.653	ug/l #	82

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022115.D
Acq On : 01 May 2025 18:23
Operator : SY/MD
Sample : Q1914-10MS
Misc : 6.83g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Quant Time: May 02 04:30:52 2025
Quant Title :
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.158	62	149815	40.622	ug/l #	71
43) Isopropyl Acetate	8.195	43	294470	89.596	ug/l #	76
44) Trichloroethene	8.865	130	164474	39.864	ug/l	98
45) 1,2-Dichloropropane	9.139	63	218054	66.195	ug/l #	84
46) Dibromomethane	9.231	93	72082	34.956	ug/l	93
47) Bromodichloromethane	9.426	83	280762	54.502	ug/l	99
48) Methyl methacrylate	9.219	41	61910m	40.747	ug/l	
49) 1,4-Dioxane	9.231	88	14836	675.021	ug/l #	68
51) 4-Methyl-2-Pentanone	9.999	43	342007	198.506	ug/l	93
52) Toluene	10.176	92	9951143	1032.042	ug/l	87
53) t-1,3-Dichloropropene	10.395	75	154125	34.881	ug/l	90
54) cis-1,3-Dichloropropene	9.859	75	202257	38.507	ug/l #	54
55) 1,1,2-Trichloroethane	10.548	97	6047033	2195.343	ug/l #	21
56) Ethyl methacrylate	10.450	69	1203382	382.036	ug/l #	1
57) 1,3-Dichloropropane	10.718	76	160521	36.352	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.713	63	312436	202.868	ug/l	100
59) 2-Hexanone	10.737	43	4726398	4159.107	ug/l #	27
60) Dibromochloromethane	10.914	129	129750m	34.023	ug/l	
61) 1,2-Dibromoethane	11.017	107	96322	37.041	ug/l #	65
64) Tetrachloroethene	10.651	164	104128	33.011	ug/l	97
65) Chlorobenzene	11.444	112	347618	46.490	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.523	131	131547	49.972	ug/l	100
67) Ethyl Benzene	11.511	91	21823530m	1784.183	ug/l	
68) m/p-Xylenes	11.621	106	25119489m	5160.919	ug/l	
69) o-Xylene	11.950	106	20242260m	4512.240	ug/l	
70) Styrene	11.968	104	2123732	281.951	ug/l #	1
71) Bromoform	12.133	173	69078	45.135	ug/l #	99
73) Isopropylbenzene	12.261	105	12793315	505.302	ug/l	95
74) N-amyl acetate	12.060	43	9596496	2206.136	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.468	83	1839931	431.042	ug/l #	63
76) 1,2,3-Trichloropropane	12.560	75	111473	34.342	ug/l #	100
77) Bromobenzene	12.535	156	119288	18.646	ug/l #	17
78) n-propylbenzene	12.590	91	21576462m	715.612	ug/l	
79) 2-Chlorotoluene	12.669	91	14561795	830.455	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.736	105	19800878m	949.189	ug/l	
81) trans-1,4-Dichloro-2-b...	12.304	75	30447	22.589	ug/l #	1
82) 4-Chlorotoluene	12.755	91	2549489	139.868	ug/l #	47
83) tert-Butylbenzene	13.023	119	331982m	17.745	ug/l	
84) 1,2,4-Trimethylbenzene	13.035	105	26922328m	1290.272	ug/l	
85) sec-Butylbenzene	13.181	105	12829043	468.607	ug/l	80
86) p-Isopropyltoluene	13.297	119	7035572	302.642	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	111954	8.616	ug/l #	1
88) 1,4-Dichlorobenzene	13.377	146	117831	9.156	ug/l #	1
89) n-Butylbenzene	13.626	91	10374698	499.285	ug/l #	66
90) Hexachloroethane	13.901	117	2293377	449.011	ug/l #	12
91) 1,2-Dichlorobenzene	13.663	146	98090	8.655	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.261	75	64701	95.272	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.925	180	10917	1.700	ug/l #	64
95) Naphthalene	15.144	128	2278114	213.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.297	180	19658	3.546	ug/l #	1

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

Quantitation Report (QT Reviewed)

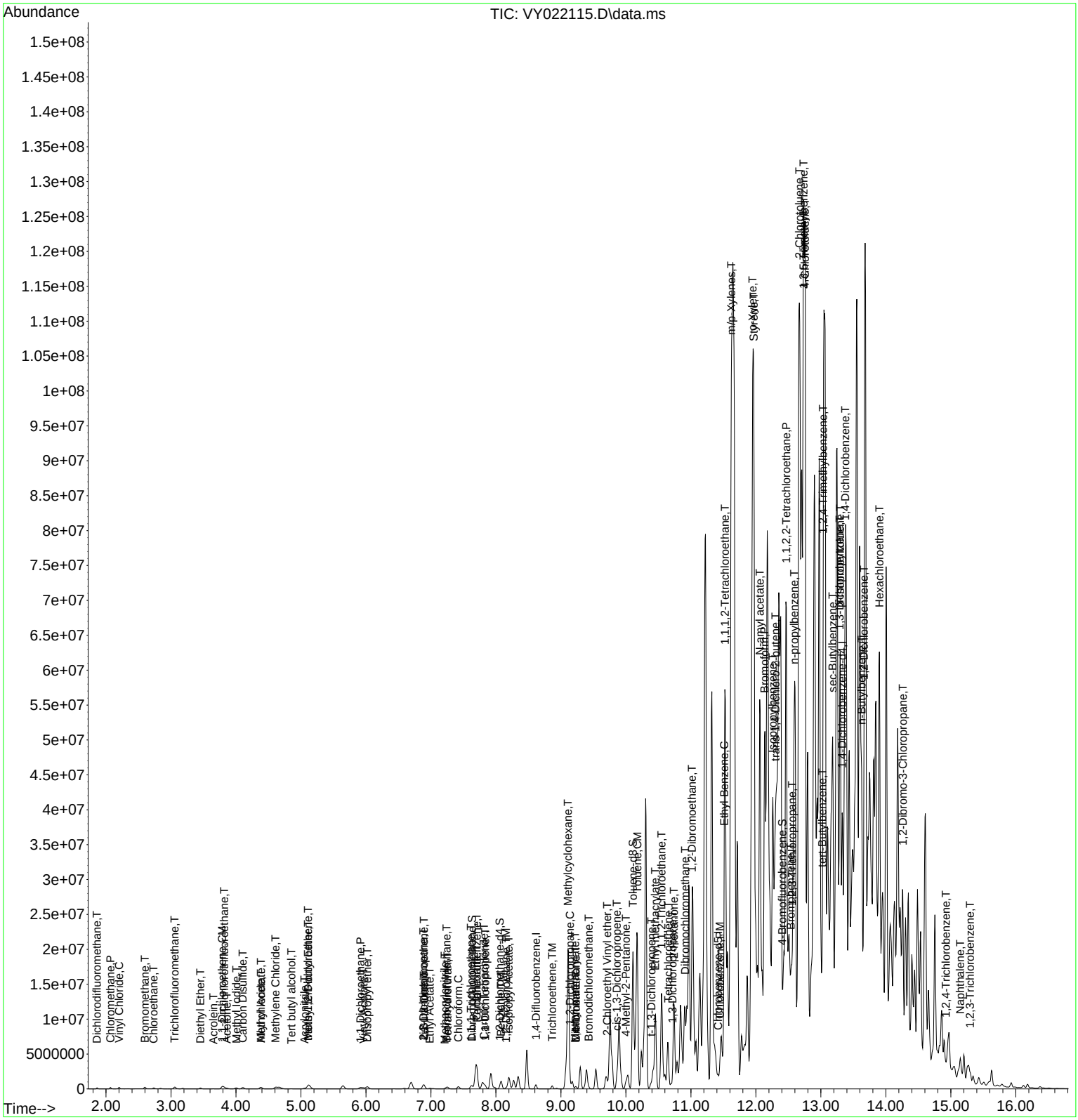
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022115.D
Acq On : 01 May 2025 18:23
Operator : SY/MD
Sample : Q1914-10MS
Misc : 6.83g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

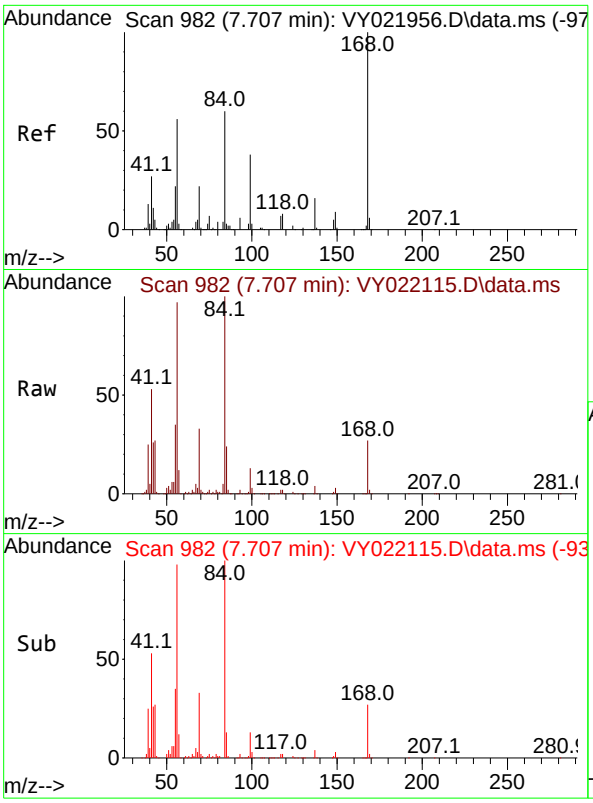
Quant Time: May 02 04:30:52 2025
Quant Title :
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

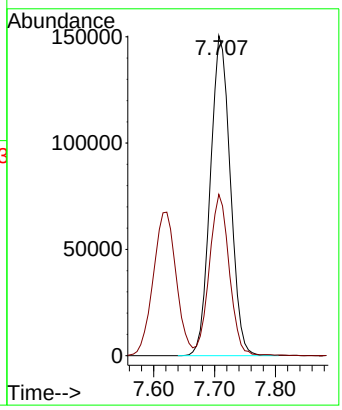
Tgt Ion:168 Resp: 34272

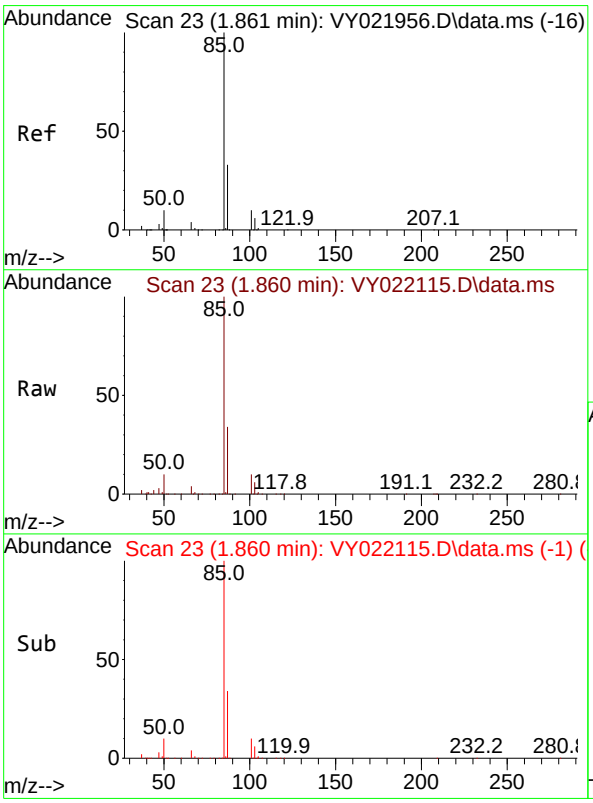
Ion	Ratio	Lower	Upper
168	100		
99	50.2	43.1	64.7

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

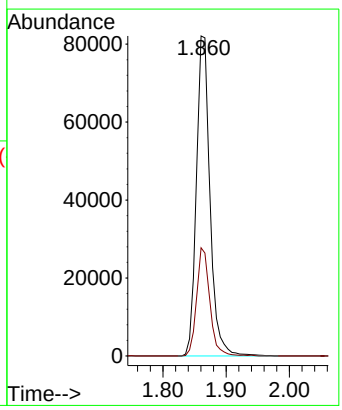


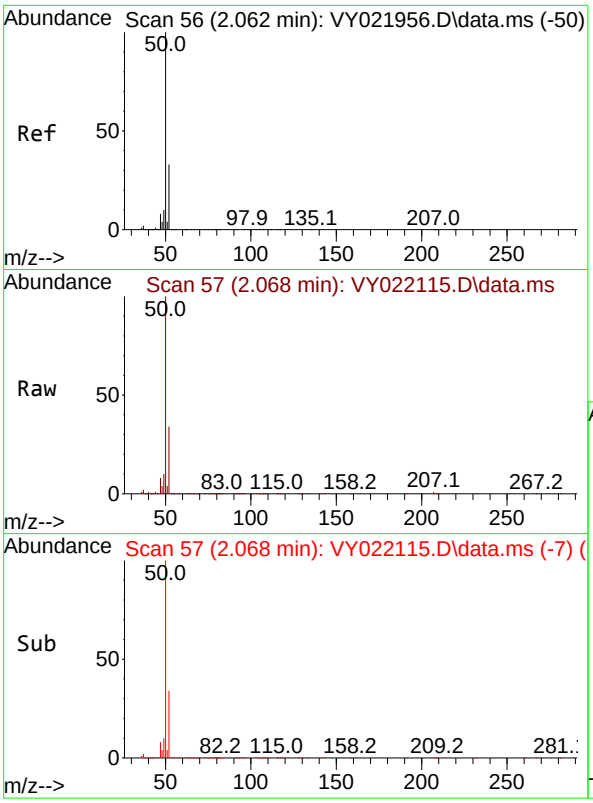


#2
Dichlorodifluoromethane
Concen: 42.178 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 85 Resp: 123173

Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.6	49.7

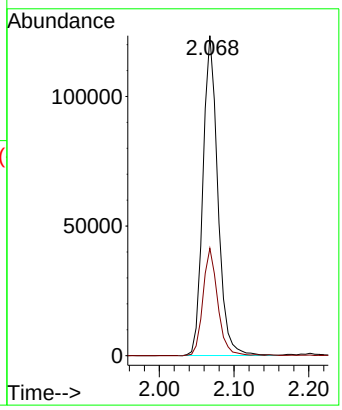




#3
Chloromethane
Concen: 40.971 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 50 Resp: 17036

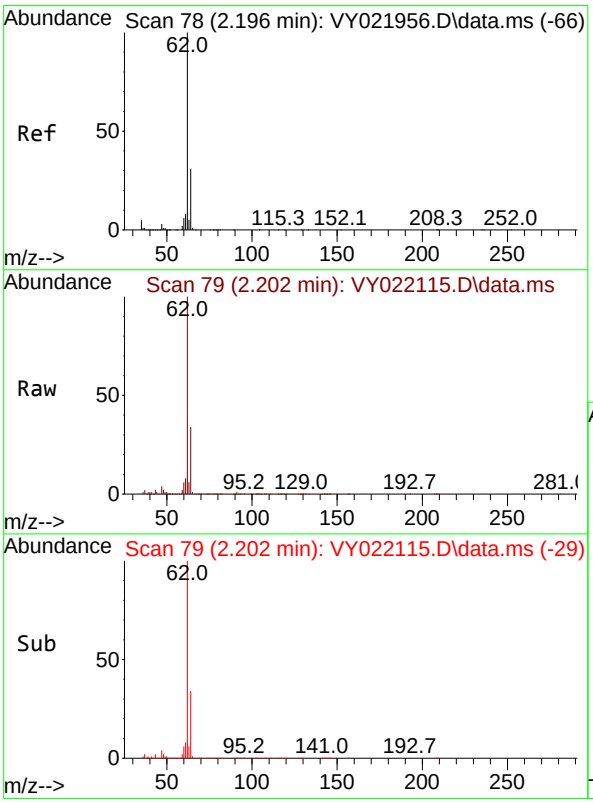
Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

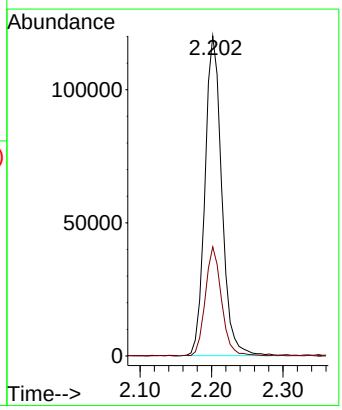
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

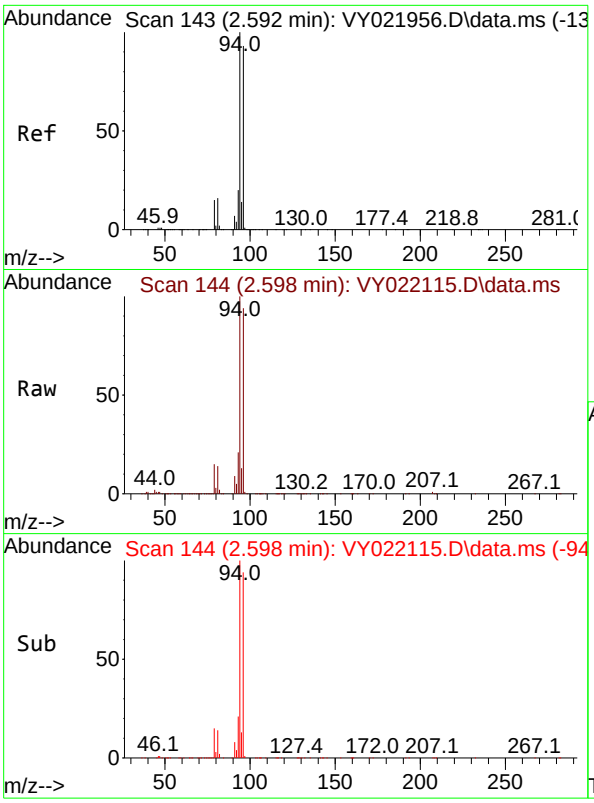


#4
Vinyl Chloride
Concen: 38.357 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 62 Resp: 196001

Ion	Ratio	Lower	Upper
62	100		
64	34.2	25.1	37.7

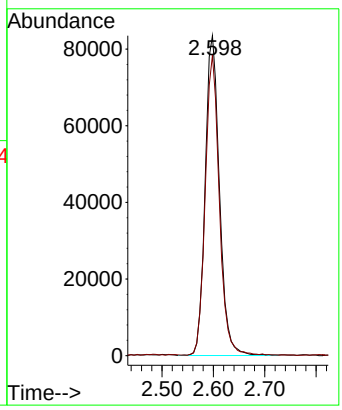




#5
Bromomethane
Concen: 36.505 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 94 Resp: 16070

Ion	Ratio	Lower	Upper
94	100		
96	93.8	74.6	111.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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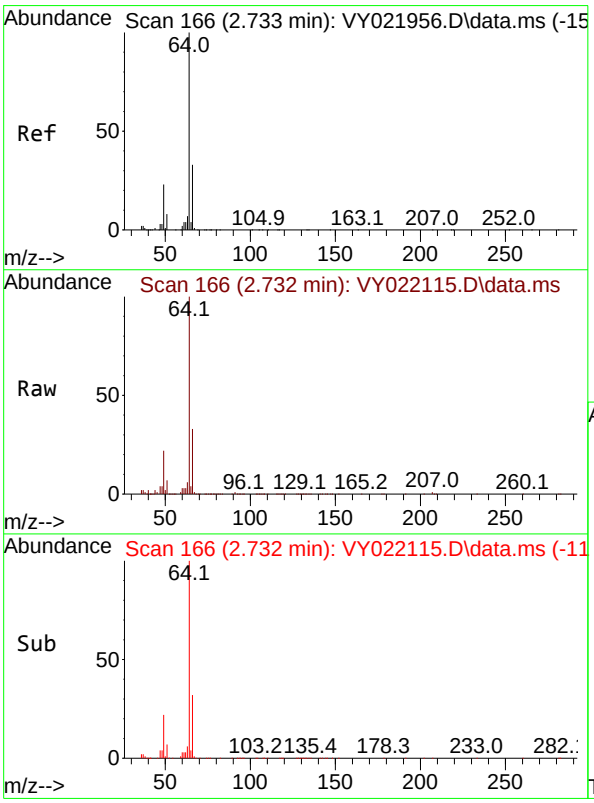
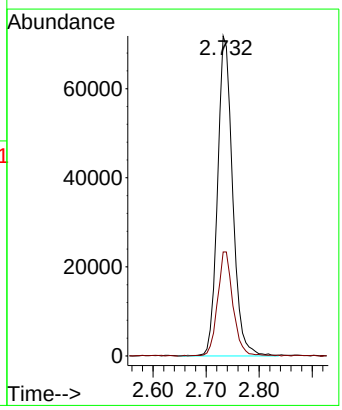
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

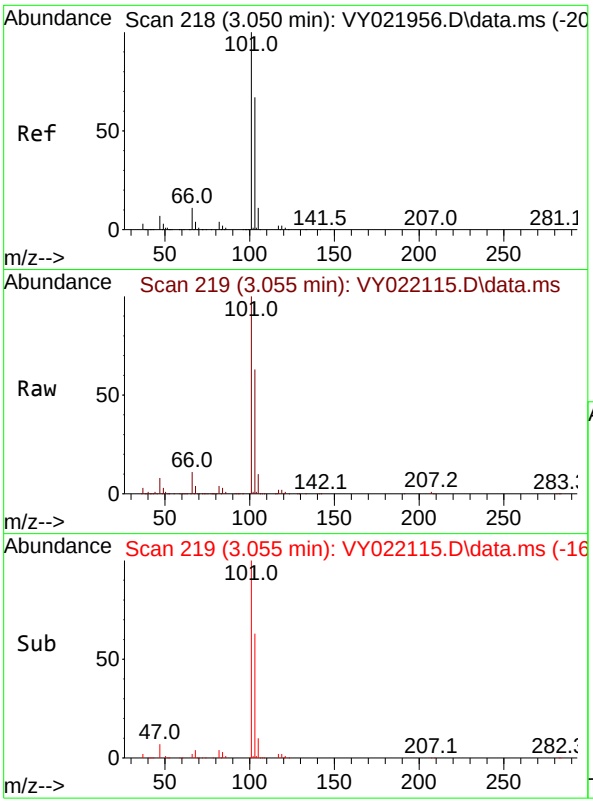


#6
Chloroethane
Concen: 40.790 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 64 Resp: 141950

Ion	Ratio	Lower	Upper
64	100		
66	32.5	26.2	39.4

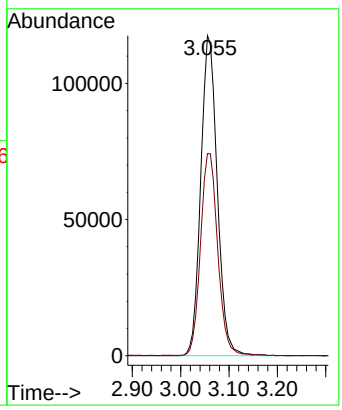




#7
Trichlorofluoromethane
Concen: 41.394 ug/l
RT: 3.055 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:101 Resp: 27891

Ion	Ratio	Lower	Upper
101	100		
103	63.1	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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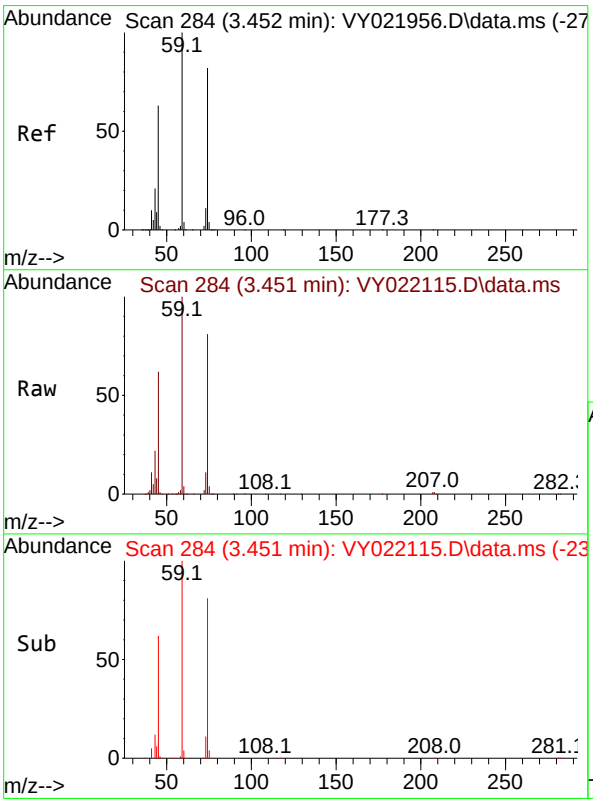
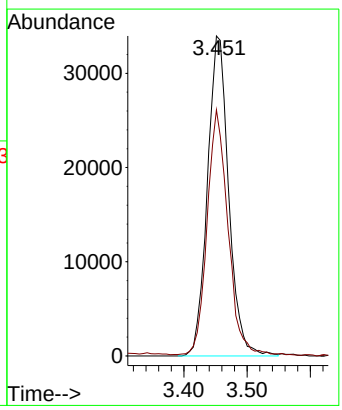
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

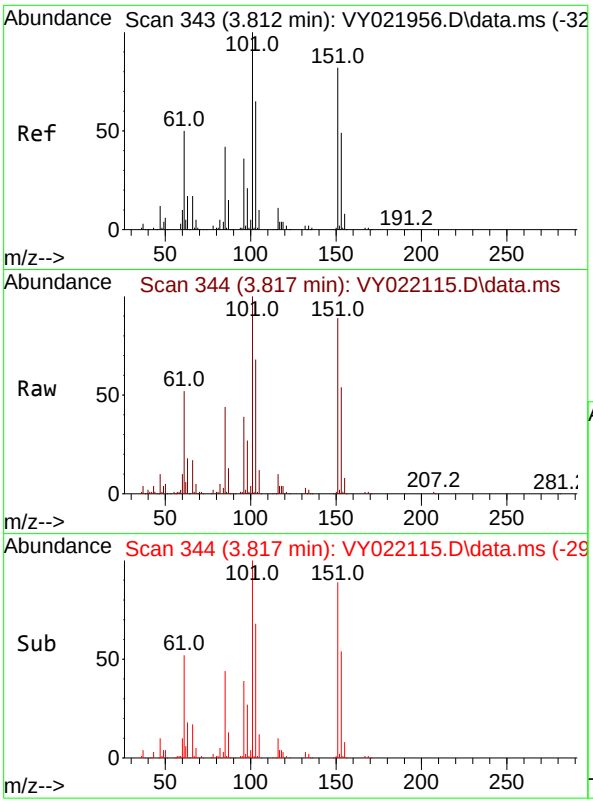


#8
Diethyl Ether
Concen: 45.099 ug/l
RT: 3.451 min Scan# 284
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 74 Resp: 79093

Ion	Ratio	Lower	Upper
74	100		
45	75.8	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 36.726 ug/l
RT: 3.817 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

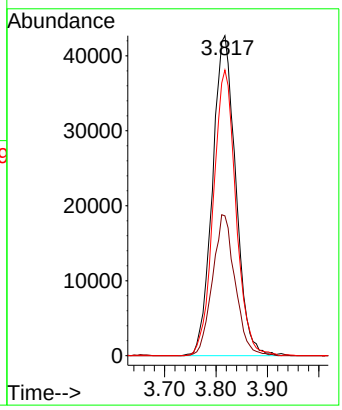
Tgt Ion:101 Resp: 13424

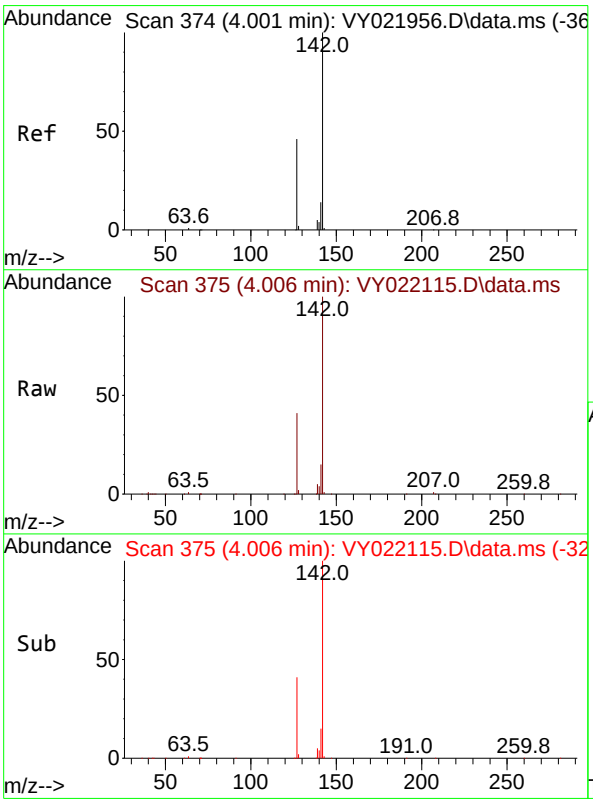
Ion	Ratio	Lower	Upper
101	100		
85	42.8	34.6	51.8
151	86.4	63.7	95.5

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

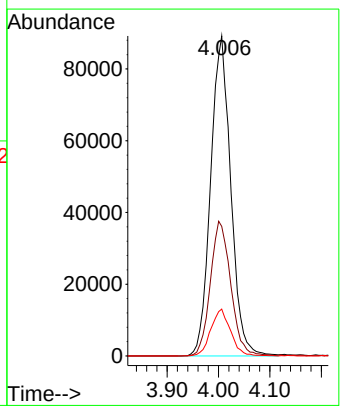


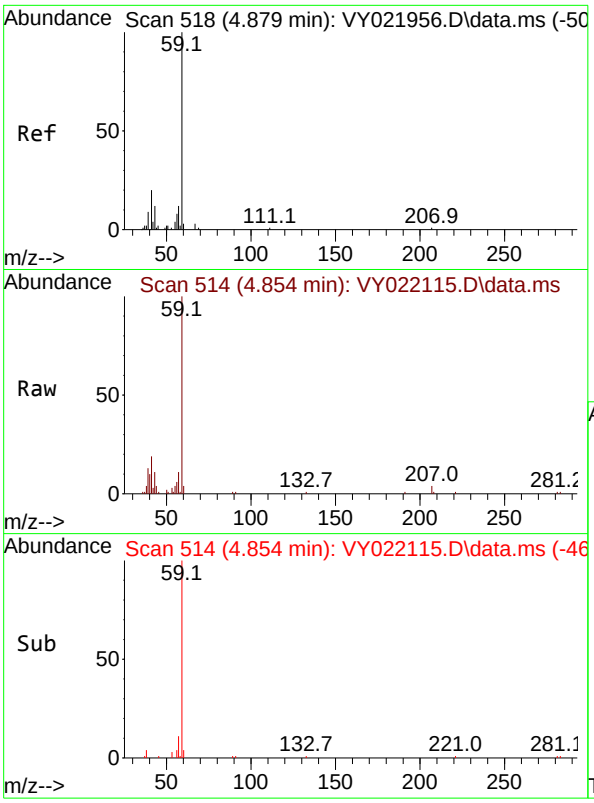


#10
Methyl Iodide
Concen: 57.451 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:142 Resp: 243135

Ion	Ratio	Lower	Upper
142	100		
127	42.7	36.2	54.2
141	14.4	11.7	17.5





#11
Tert butyl alcohol
Concen: 198.042 ug/l
RT: 4.854 min Scan# 5
Delta R.T. -0.025 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 59 Resp: 3441

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

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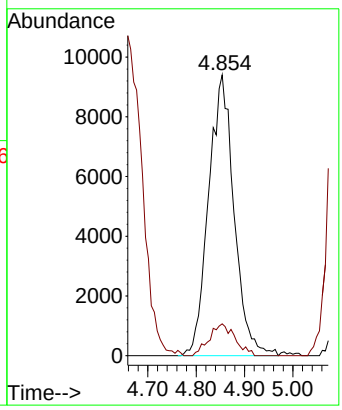
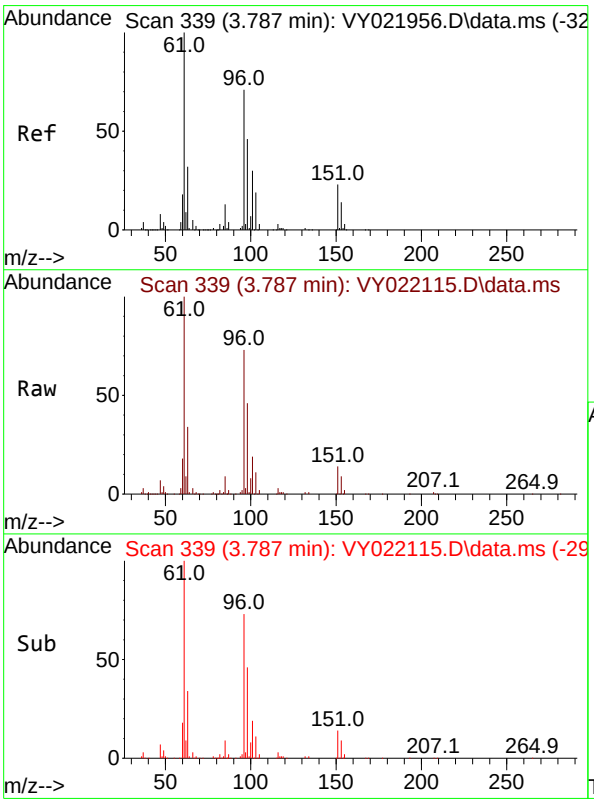
Supervised By :Mahesh Dadoda 05/15/2025

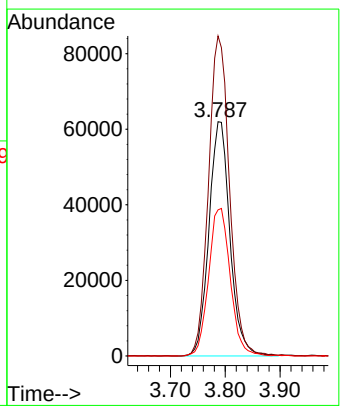


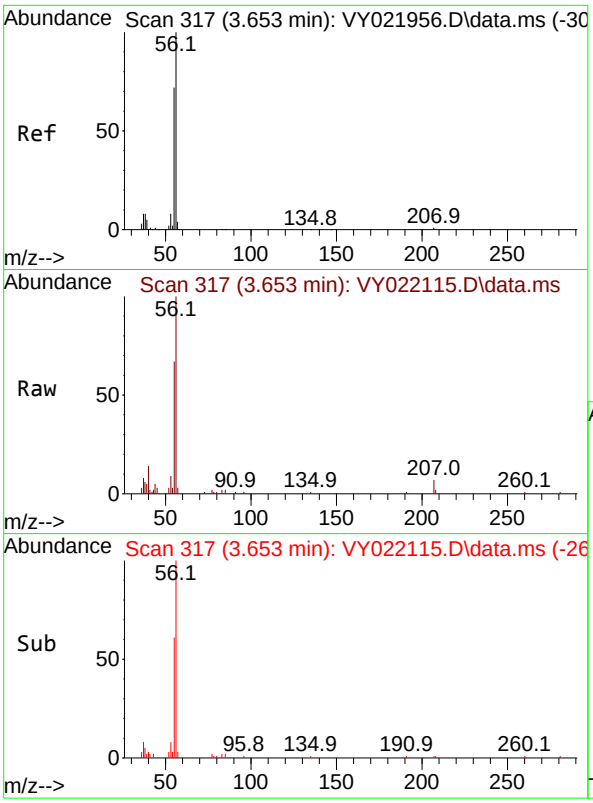


#12
1,1-Dichloroethene
Concen: 48.333 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 96 Resp: 164673

Ion	Ratio	Lower	Upper
96	100		
61	136.6	113.0	169.4
98	62.4	51.4	77.2

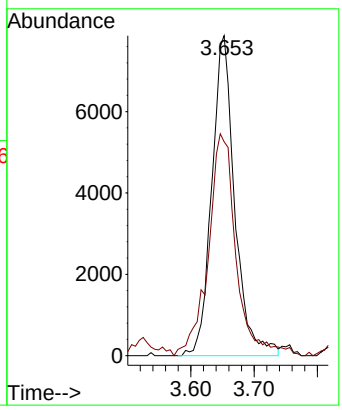




#13
Acrolein
Concen: 63.468 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 56 Resp: 1979

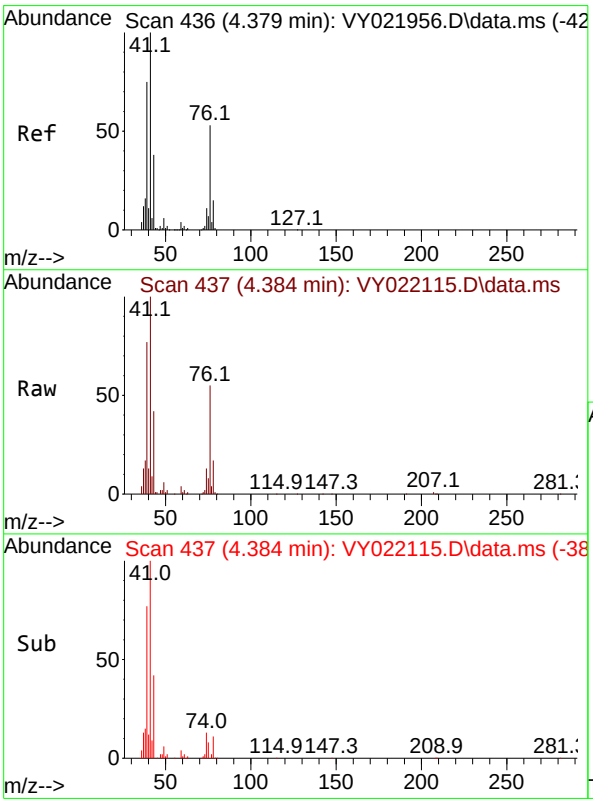
Ion	Ratio	Lower	Upper
56	100		
55	84.0	57.4	86.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

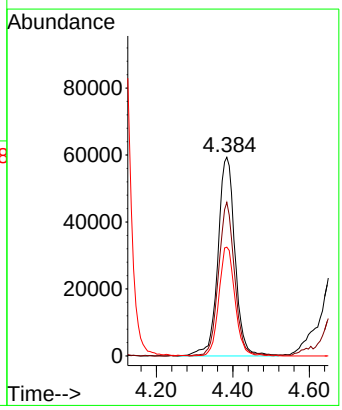
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

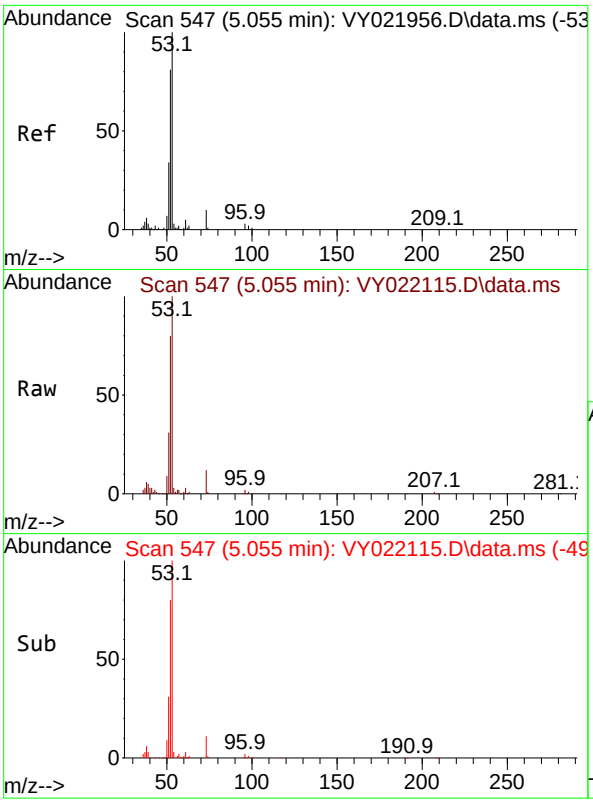


#14
Allyl chloride
Concen: 46.368 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 41 Resp: 183947

Ion	Ratio	Lower	Upper
41	100		
39	73.0	57.2	85.8
76	51.7	39.7	59.5





#15
Acrylonitrile
Concen: 190.816 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 53 Resp: 12251

Ion	Ratio	Lower	Upper
53	100		
52	76.5	65.0	97.6
51	31.2	28.9	43.3

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

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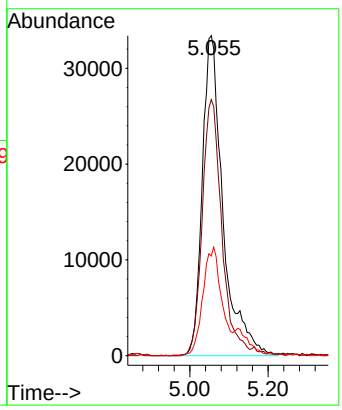
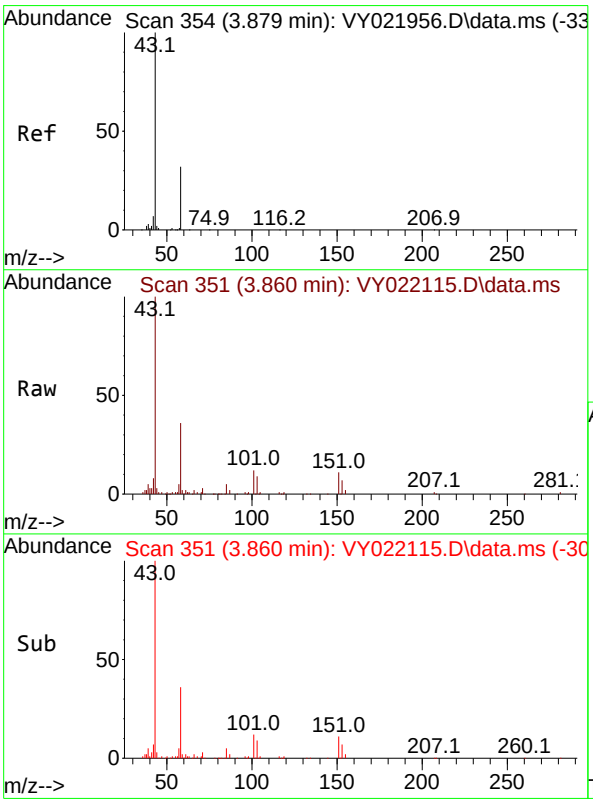
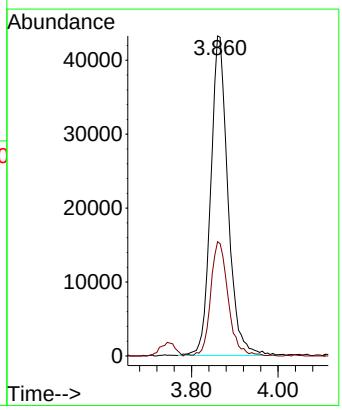


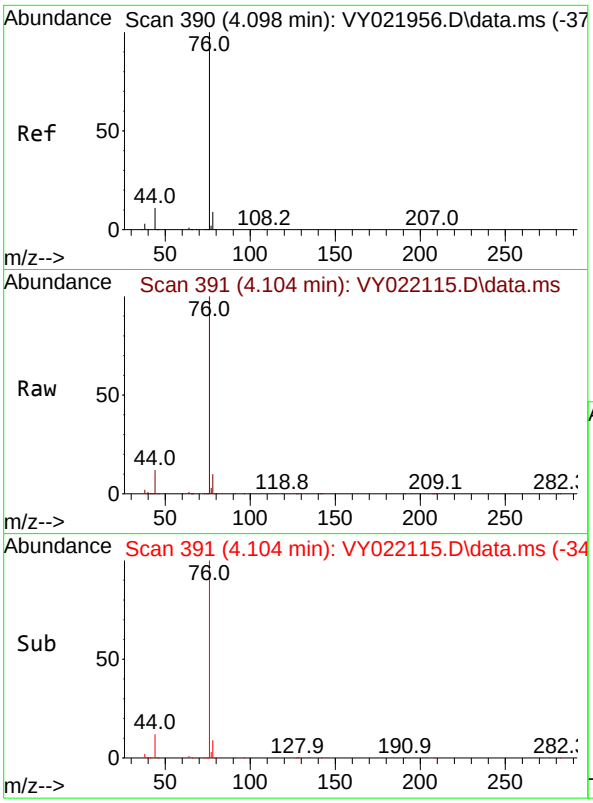


#16
Acetone
Concen: 292.338 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.019 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 119634

Ion	Ratio	Lower	Upper
43	100		
58	35.8	27.0	40.4

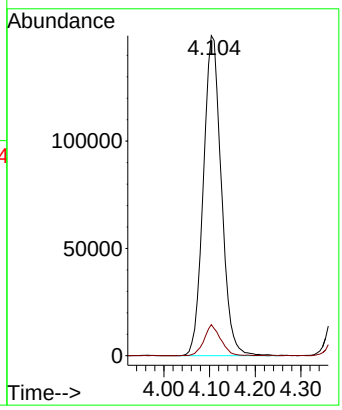




#17
Carbon Disulfide
Concen: 37.553 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 76 Resp: 40795

Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.6	11.4



Instrument :
MSVOA_Y
ClientSampleId :
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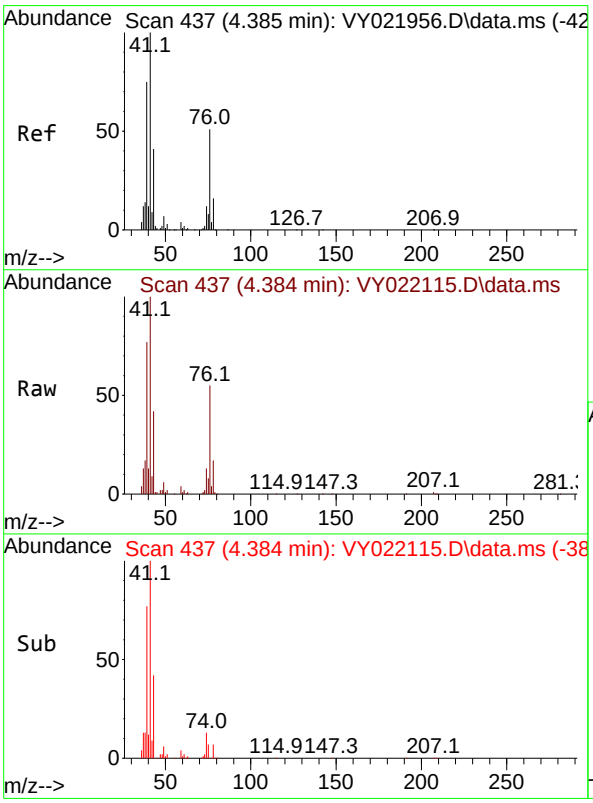
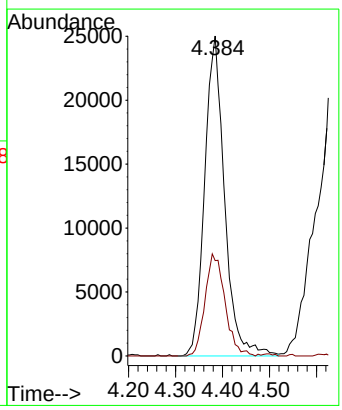
Supervised By :Mahesh Dadoda 05/15/2025

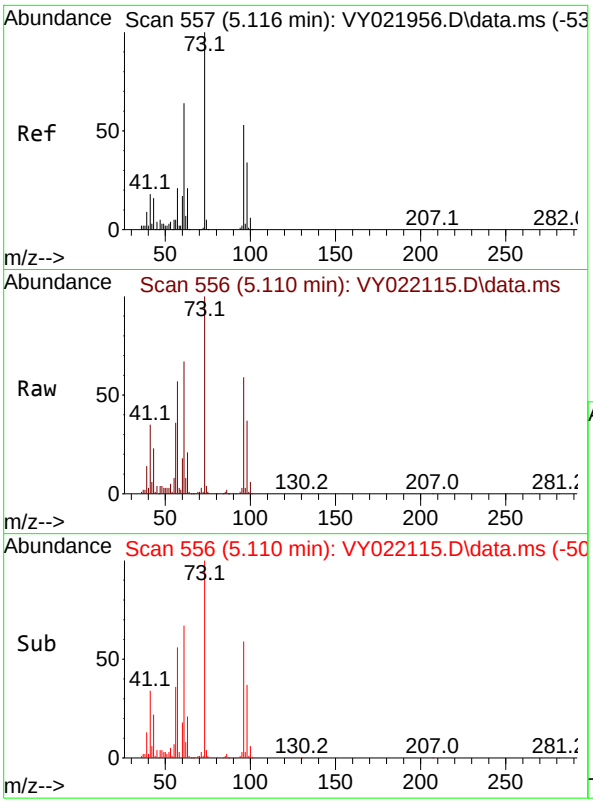


#18
Methyl Acetate
Concen: 49.593 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 73336

Ion	Ratio	Lower	Upper
43	100		
74	32.0	24.2	36.4





#19
Methyl tert-butyl Ether
Concen: 46.654 ug/l
RT: 5.110 min Scan# 5
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 73 Resp: 35576

Ion	Ratio	Lower	Upper
73	100		
57	56.8	16.9	25.3

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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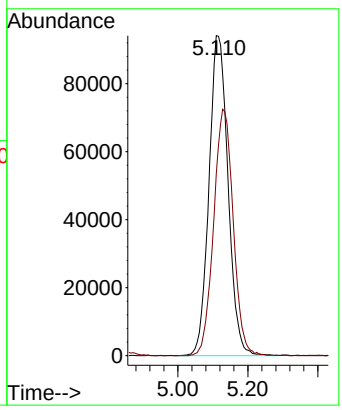
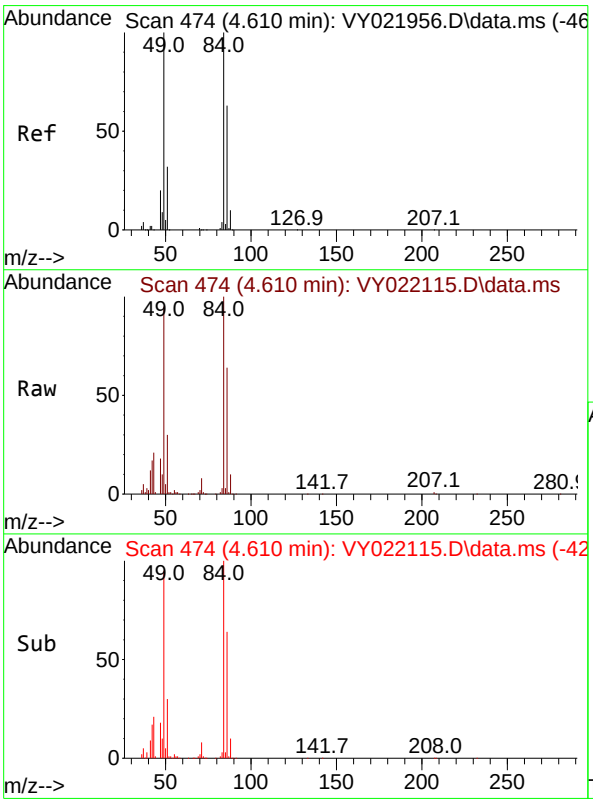
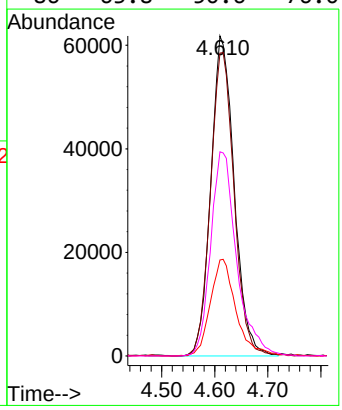


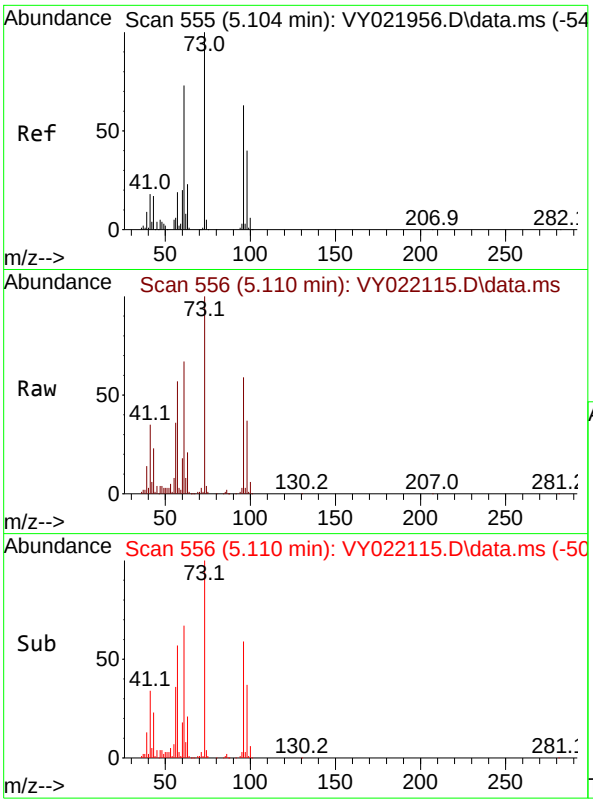


#20
Methylene Chloride
Concen: 47.268 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 84 Resp: 189209

Ion	Ratio	Lower	Upper
84	100		
49	94.6	79.9	119.9
51	29.9	25.4	38.0
86	63.8	50.6	76.0

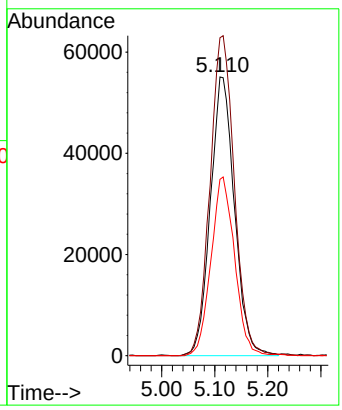




#21
trans-1,2-Dichloroethene
Concen: 45.470 ug/l
RT: 5.110 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 96 Resp: 17349

Ion	Ratio	Lower	Upper
96	100		
61	114.0	92.6	138.8
98	63.2	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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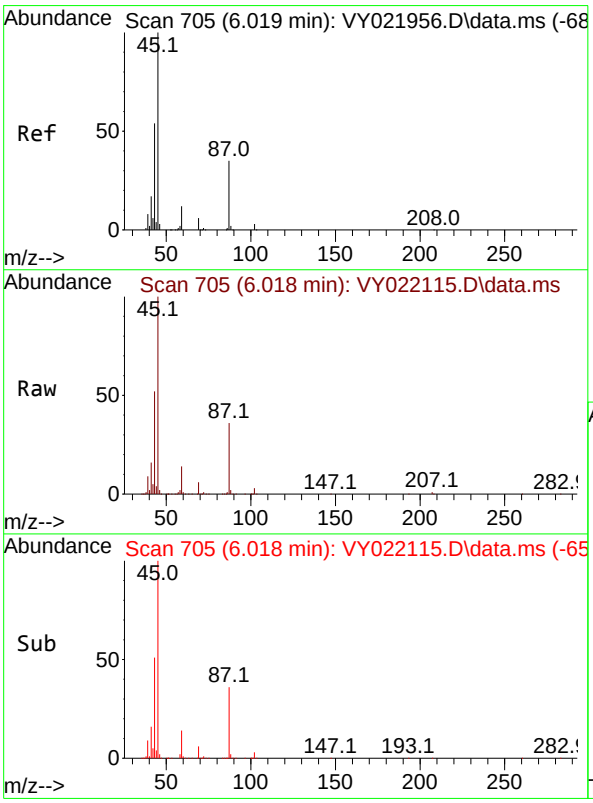
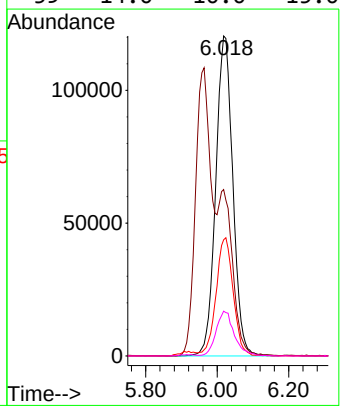
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

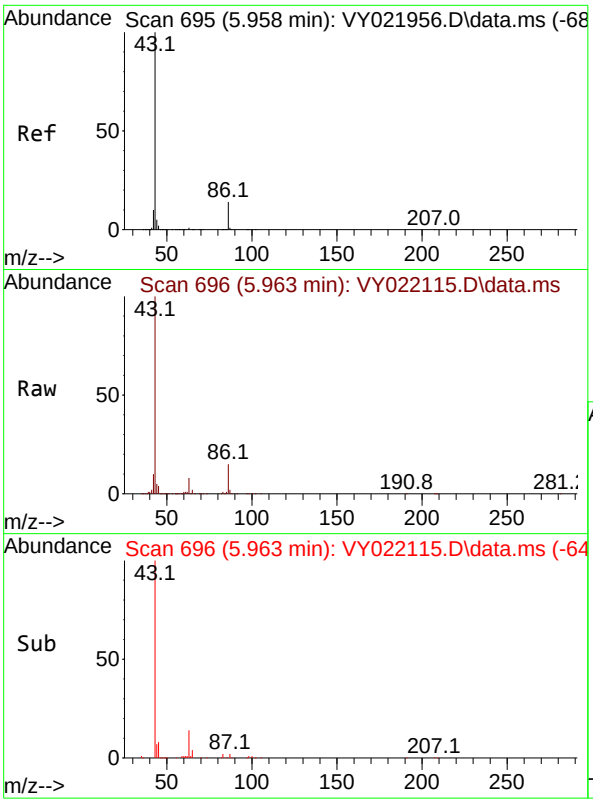


#22
Diisopropyl ether
Concen: 45.338 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 45 Resp: 400258

Ion	Ratio	Lower	Upper
45	100		
43	51.8	43.6	65.4
87	36.3	28.2	42.4
59	14.0	10.0	15.0

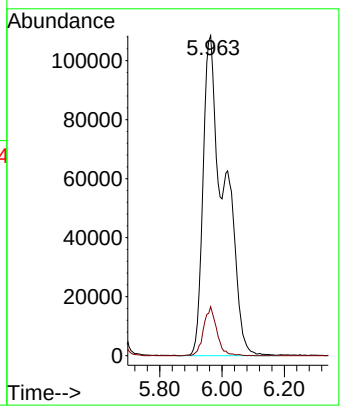




#23
Vinyl Acetate
Concen: 108.337 ug/l m
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 51545

Ion	Ratio	Lower	Upper
43	100		
86	15.3	11.1	16.7



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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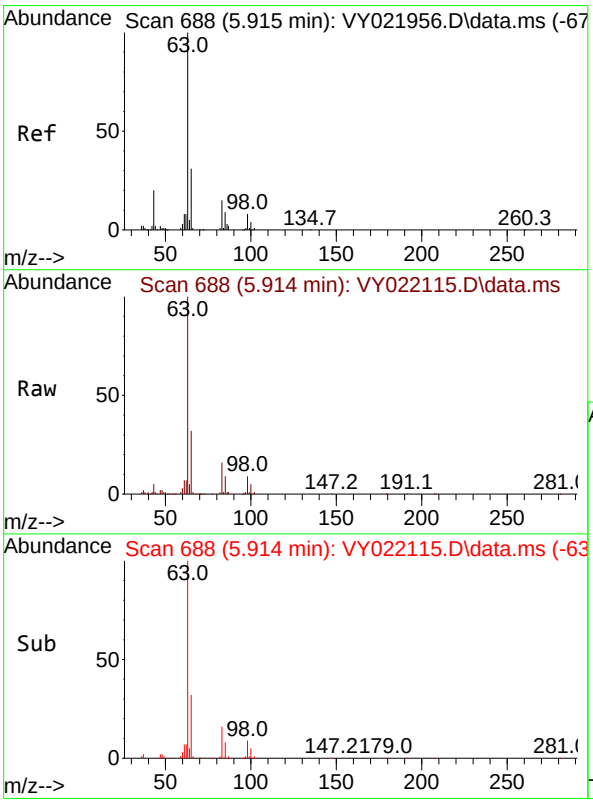
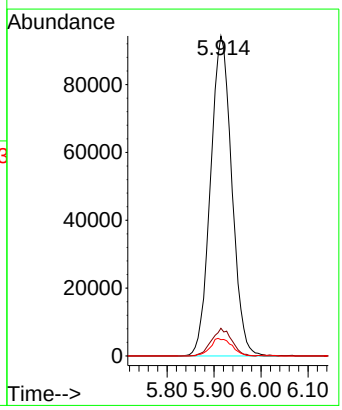
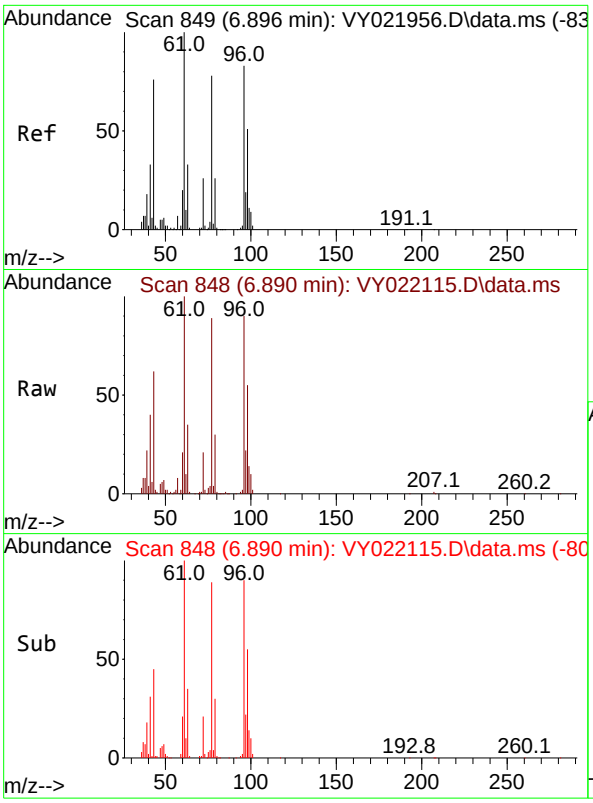


#24
1,1-Dichloroethane
Concen: 48.502 ug/l
RT: 5.914 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 63 Resp: 296805

Ion	Ratio	Lower	Upper
63	100		
98	8.7	4.0	11.9
100	5.1	2.0	6.0





#25
2-Butanone
Concen: 201.737 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 14557

Ion	Ratio	Lower	Upper
43	100		
72	34.5	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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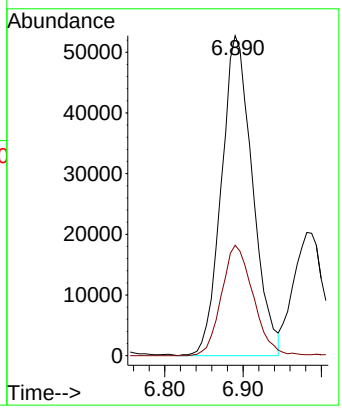
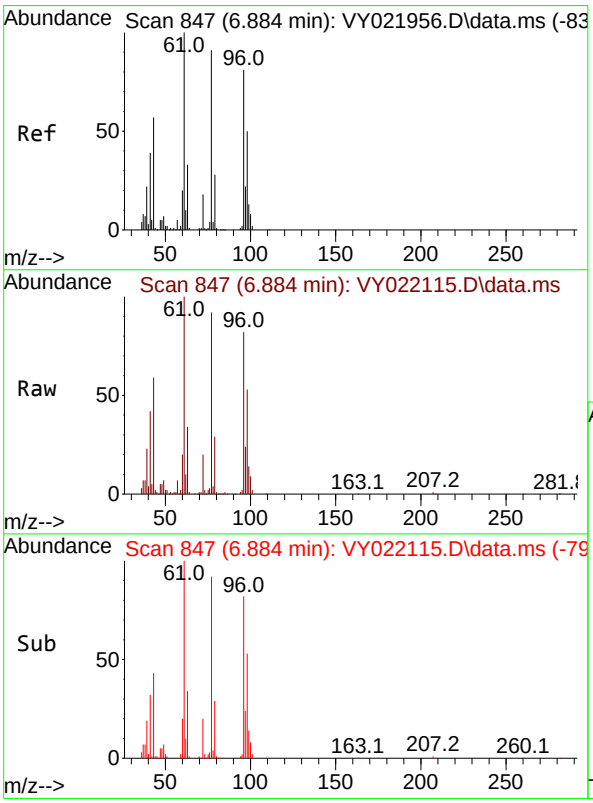
Supervised By :Mahesh Dadoda 05/15/2025

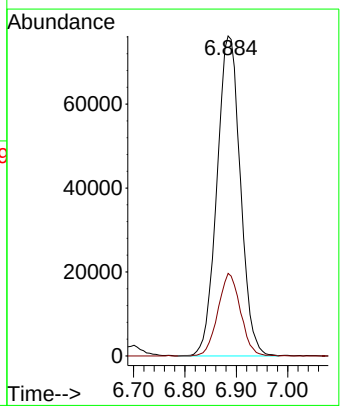


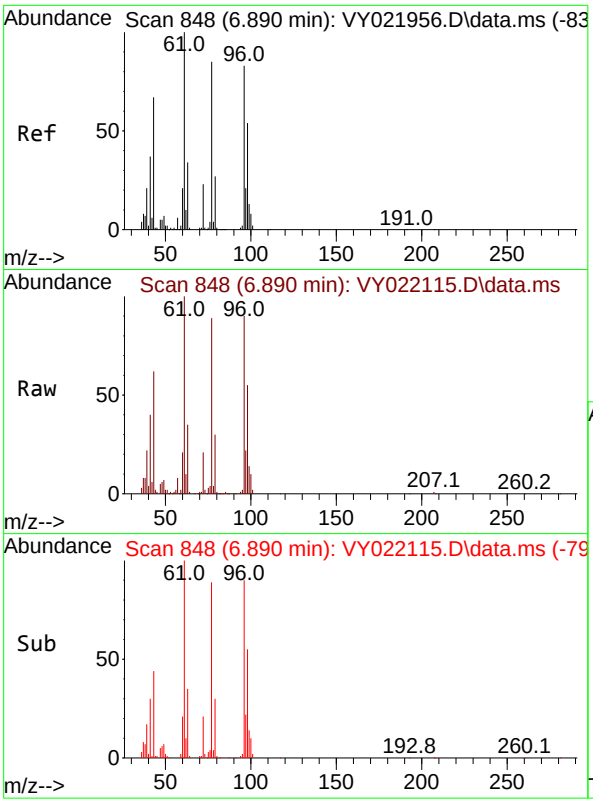


#26
2,2-Dichloropropane
Concen: 44.955 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 77 Resp: 241113

Ion	Ratio	Lower	Upper
77	100		
97	24.8	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 48.550 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 96 Resp: 20713

Ion	Ratio	Lower	Upper
96	100		
61	119.8	0.0	251.4
98	64.5	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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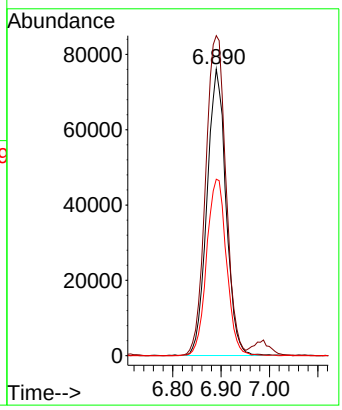
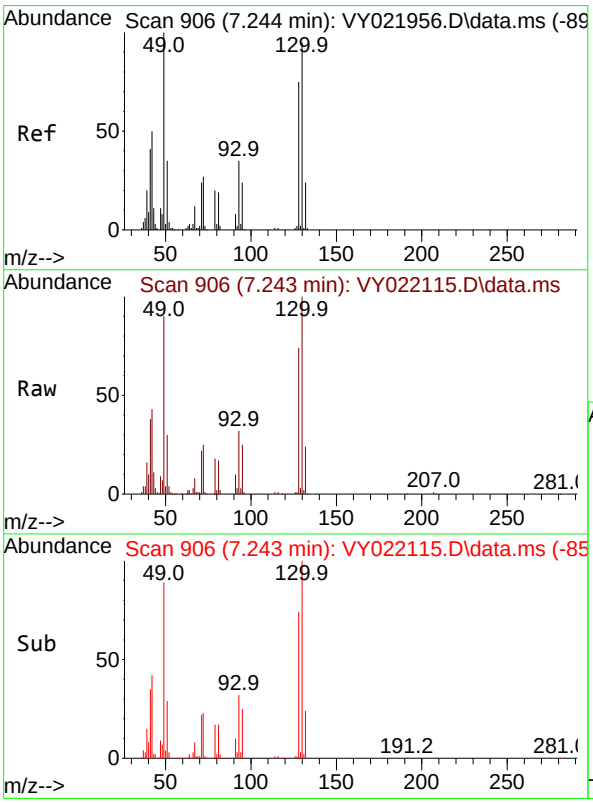
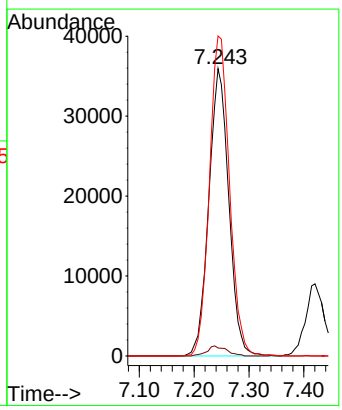


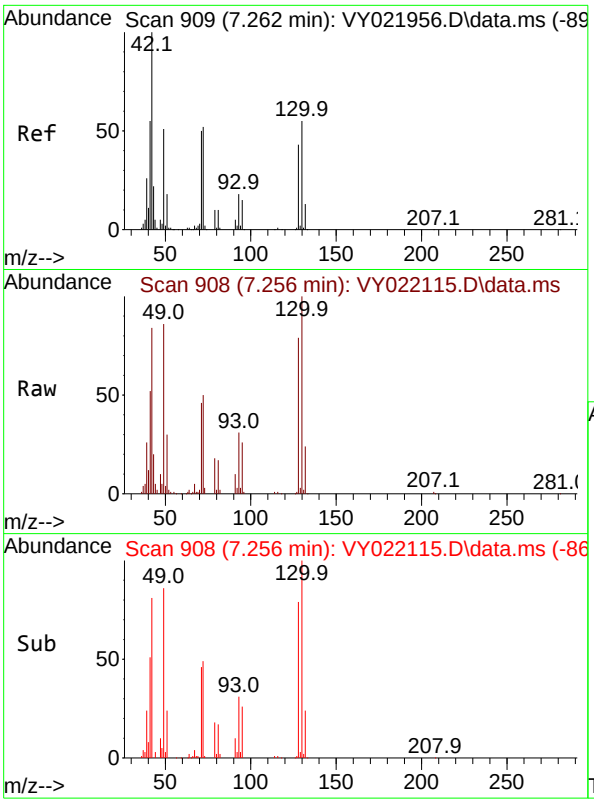


#28
Bromochloromethane
Concen: 38.292 ug/l
RT: 7.243 min Scan# 906
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 49 Resp: 91016

Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	5.0
130	112.0	78.2	117.4





#29
Tetrahydrofuran
Concen: 171.257 ug/l
RT: 7.256 min Scan# 9(
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 42 Resp: 8026

Ion	Ratio	Lower	Upper
42	100		
72	59.3	42.6	63.8
71	55.1	40.6	61.0

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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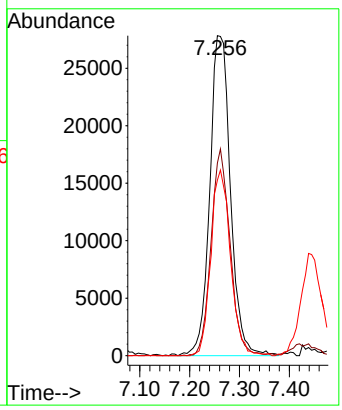
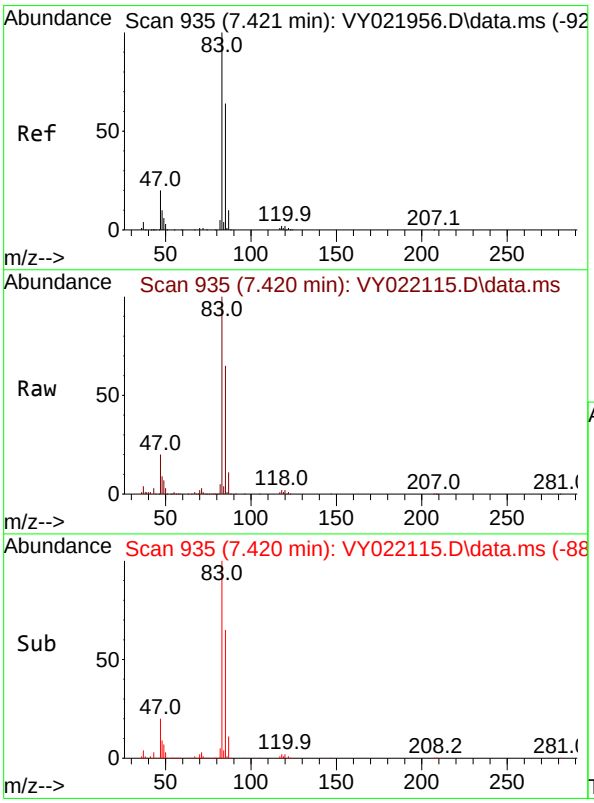
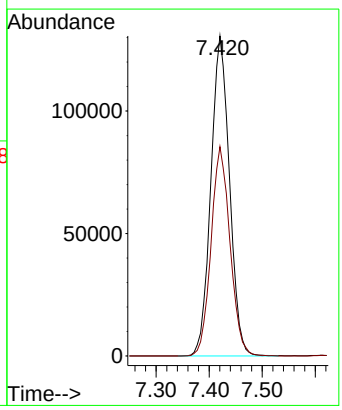


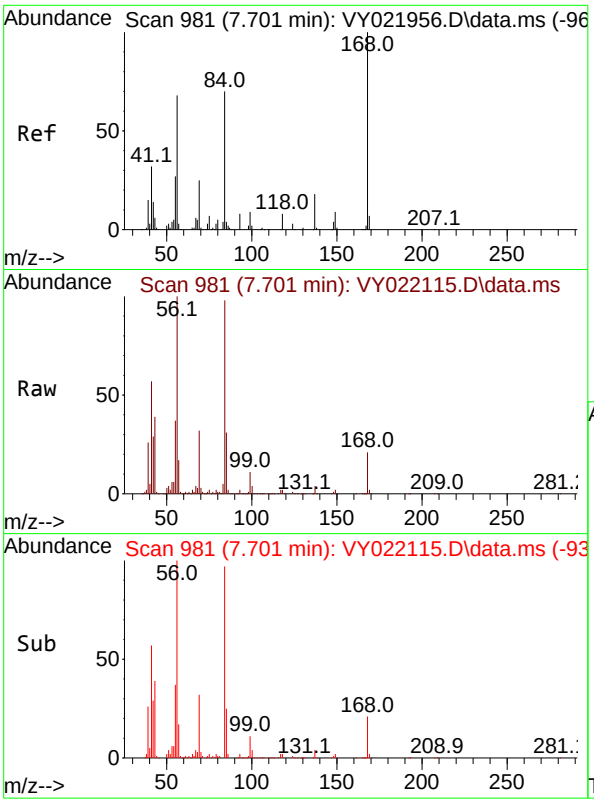


#30
Chloroform
Concen: 46.891 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 83 Resp: 318290

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.3	76.9

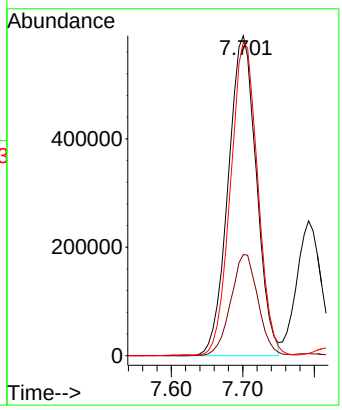




#31
Cyclohexane
Concen: 308.861 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 56 Resp: 161628

Ion	Ratio	Lower	Upper
56	100		
69	31.6	29.4	44.2
84	97.7	82.2	123.4



Instrument :
MSVOA_Y
ClientSampleId :
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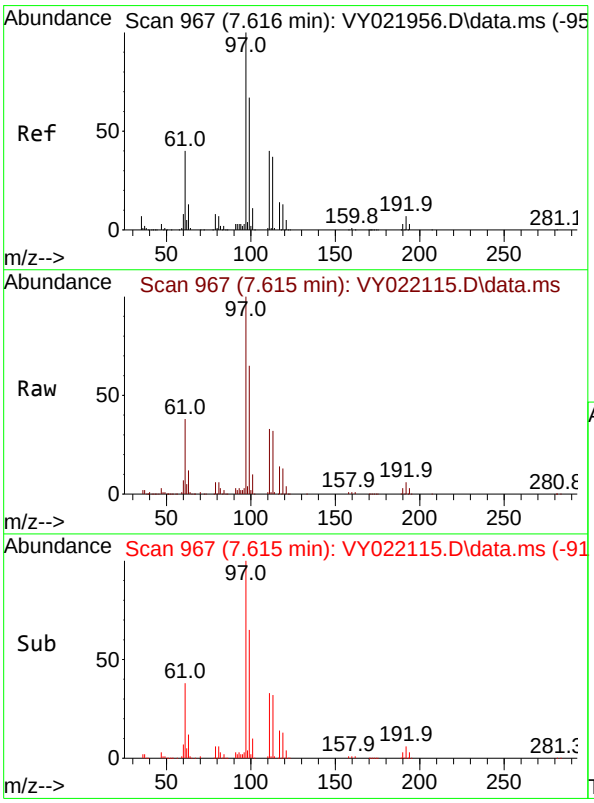
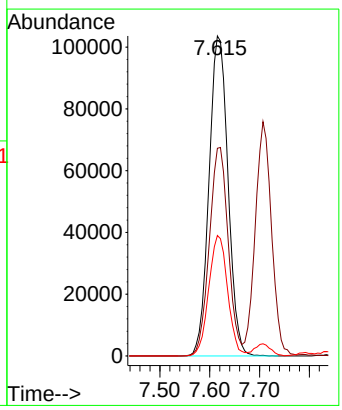
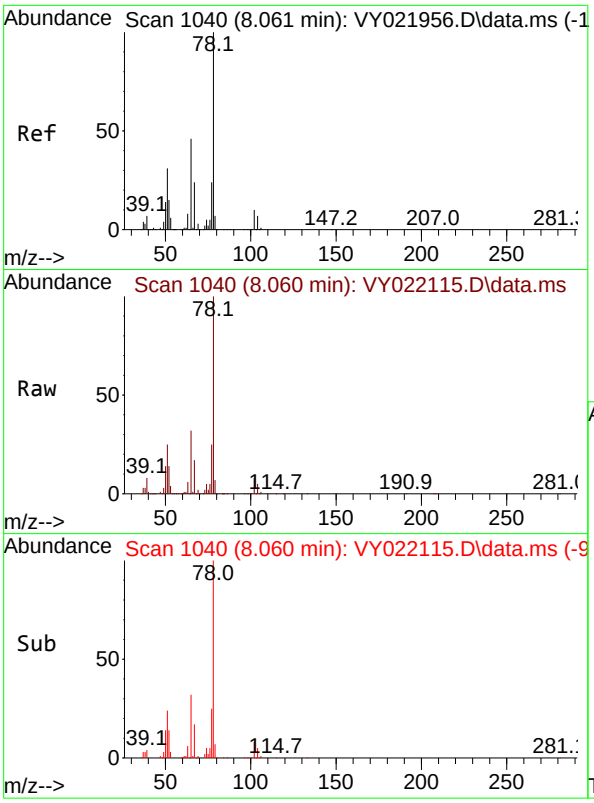


#32
1,1,1-Trichloroethane
Concen: 44.637 ug/l
RT: 7.615 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 97 Resp: 274119

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	37.3	31.4	47.2

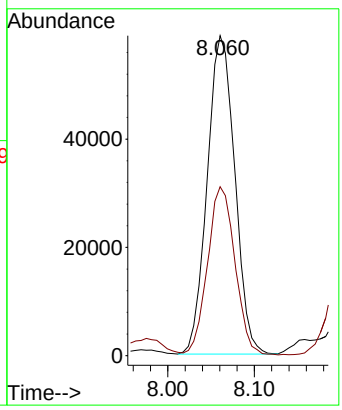




#33
1,2-Dichloroethane-d4
Concen: 41.141 ug/l
RT: 8.060 min Scan# 1(
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 65 Resp: 13023(

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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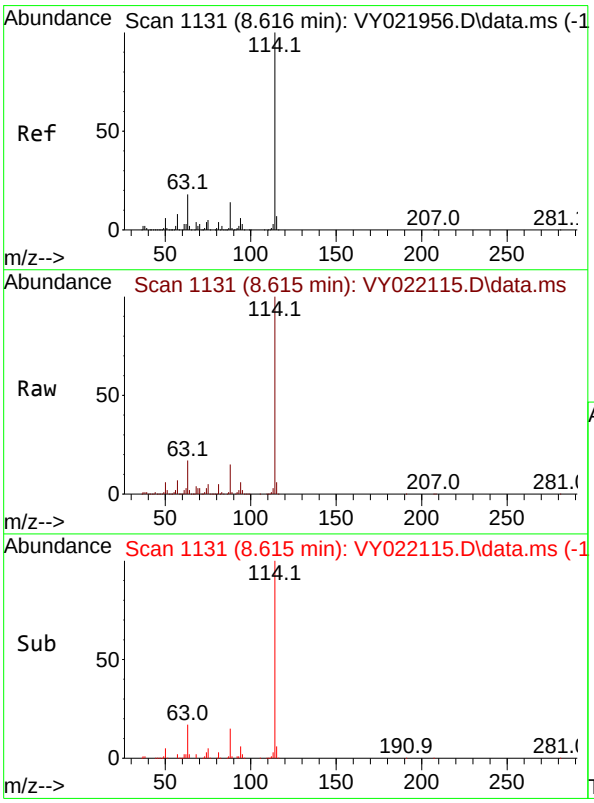
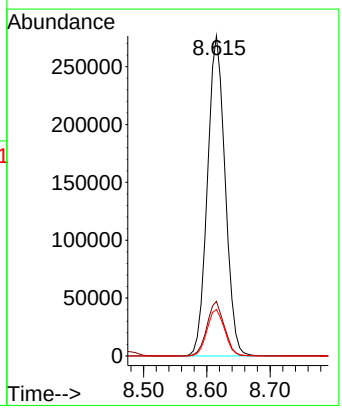
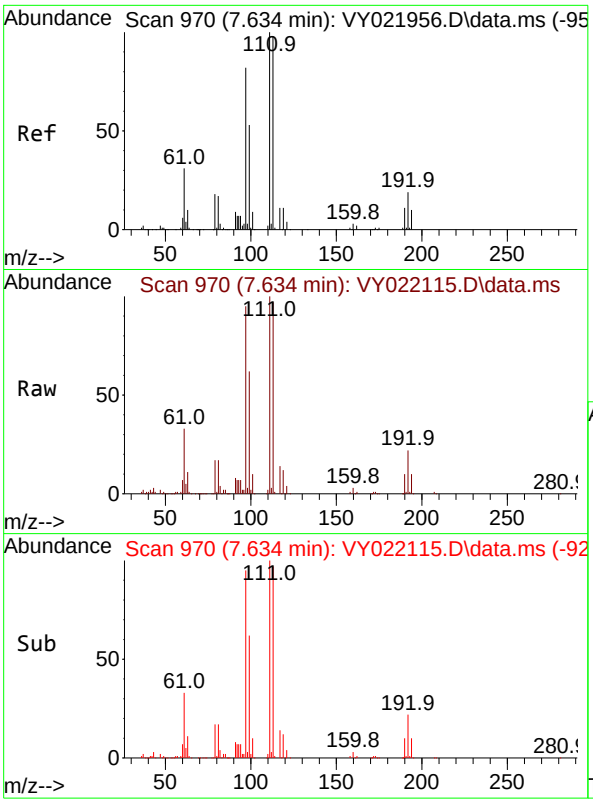


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:114 Resp: 536963

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.4
88	14.5	0.0	28.2

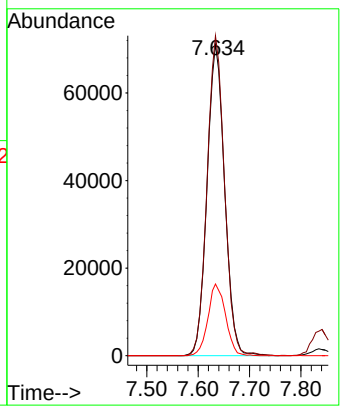




#35
Dibromofluoromethane
Concen: 47.538 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:113 Resp: 16863

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.8	122.8
192	23.1	15.6	23.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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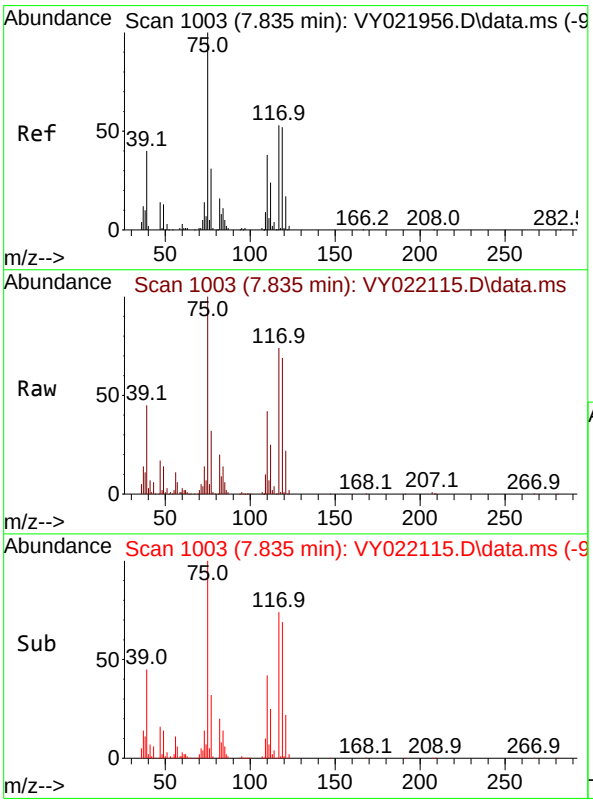
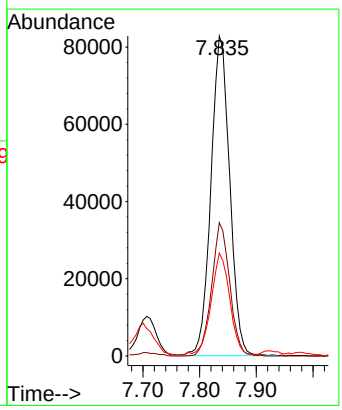
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

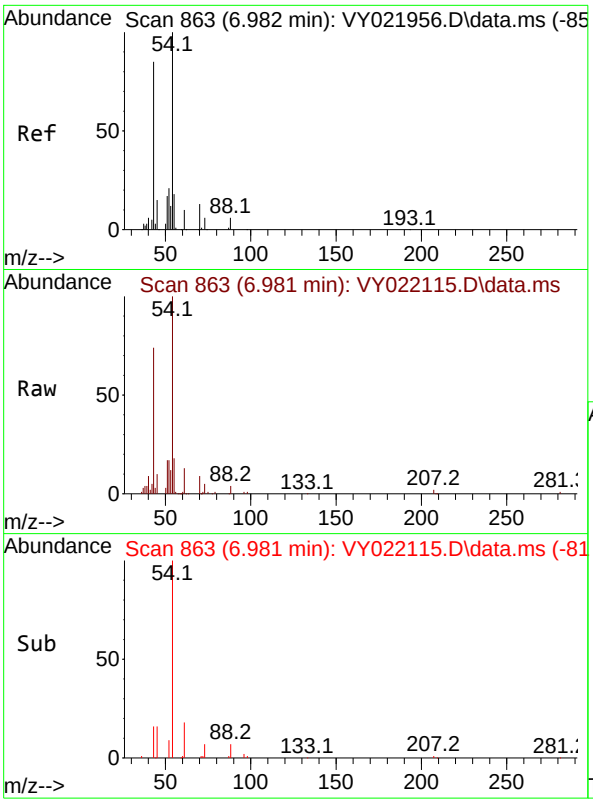


#36
1,1-Dichloropropene
Concen: 40.026 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 75 Resp: 190732

Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.1	57.3
77	31.5	25.5	38.3





#37
Ethyl Acetate
Concen: 32.714 ug/l
RT: 6.981 min Scan# 8
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 5598

Ion	Ratio	Lower	Upper
43	100		
61	17.5	13.8	20.6
70	13.7	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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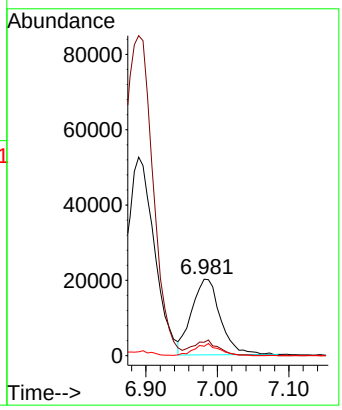
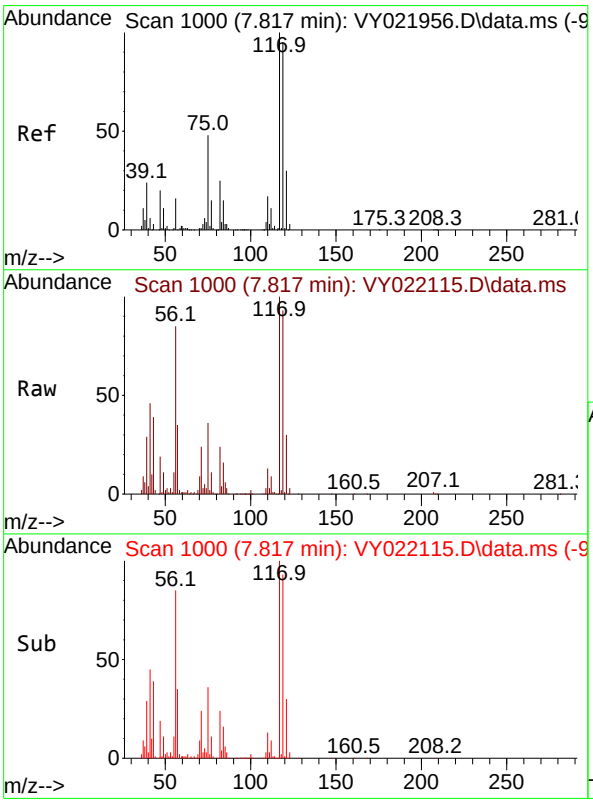
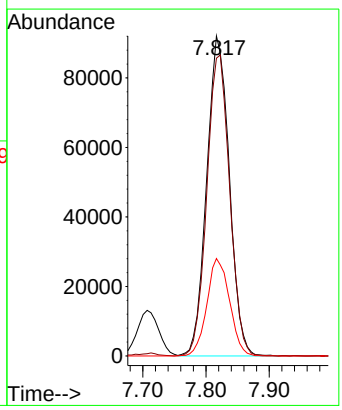


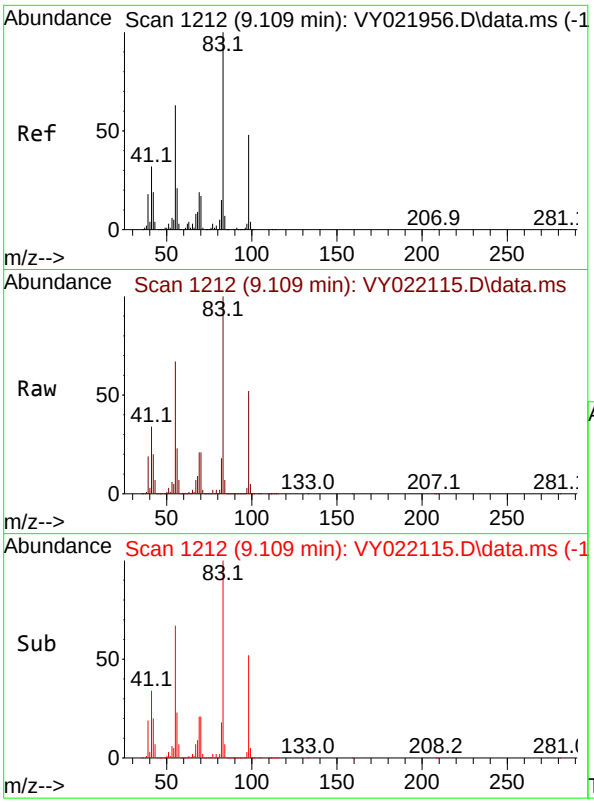


#38
Carbon Tetrachloride
Concen: 40.279 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:117 Resp: 229351

Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.2	114.4
121	30.4	24.0	36.0

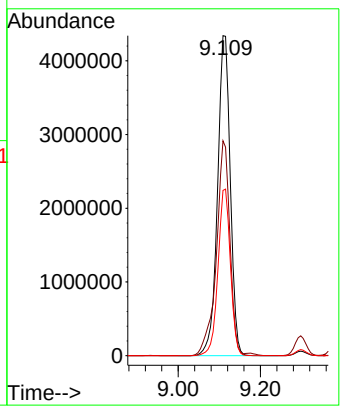




#39
Methylcyclohexane
Concen: 1560.780 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 83 Resp: 935957

Ion	Ratio	Lower	Upper
83	100		
55	67.2	50.6	75.8
98	51.7	38.6	58.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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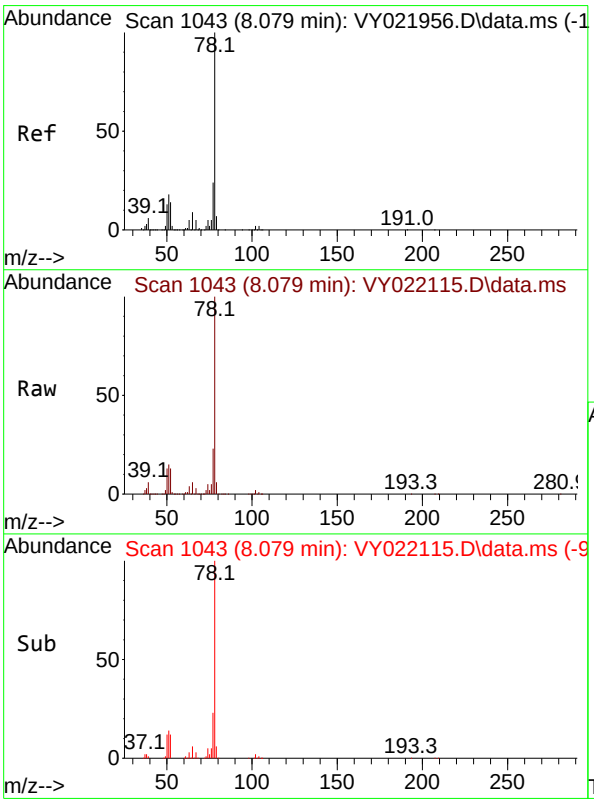
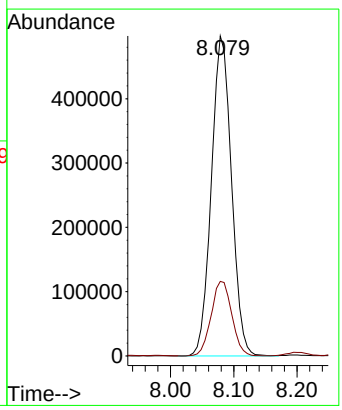
Supervised By :Mahesh Dadoda 05/15/2025

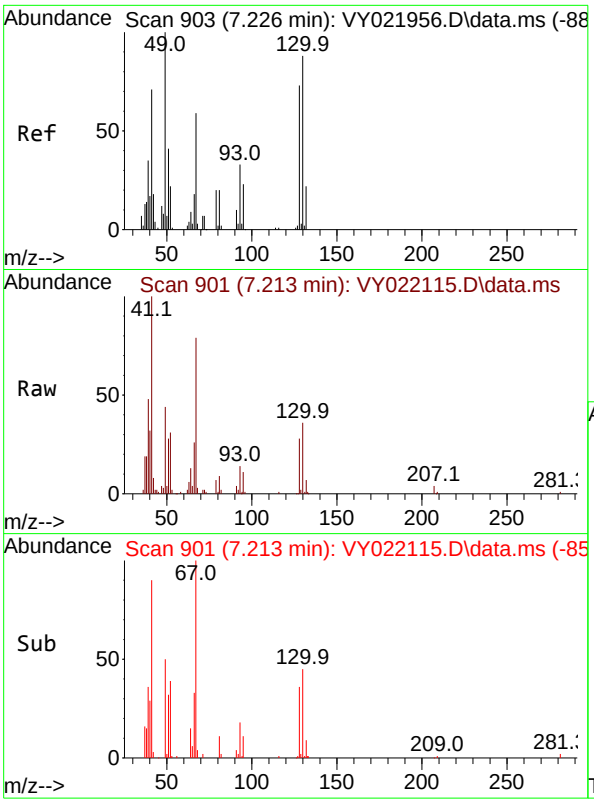


#40
Benzene
Concen: 73.789 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 78 Resp: 1099147

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9

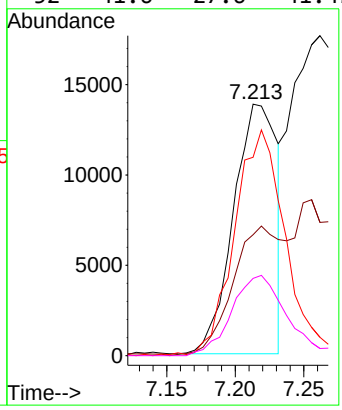




#41
Methacrylonitrile
Concen: 32.653 ug/l
RT: 7.213 min Scan# 9
Delta R.T. -0.013 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 41 Resp: 3054

Ion	Ratio	Lower	Upper
41	100		
39	61.5	36.6	55.0#
67	106.2	72.2	108.4
52	41.6	27.6	41.4#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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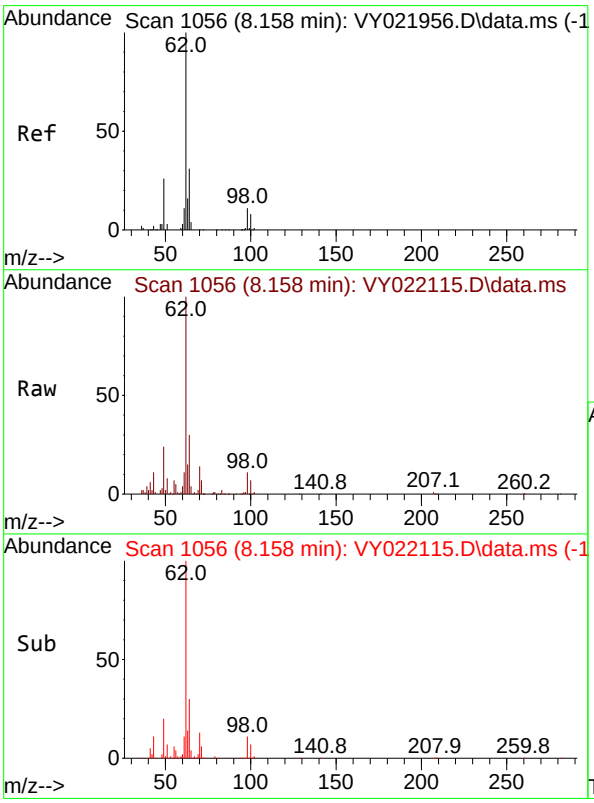
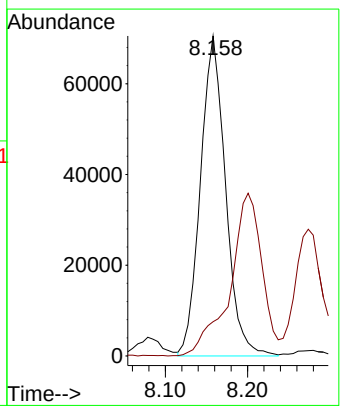
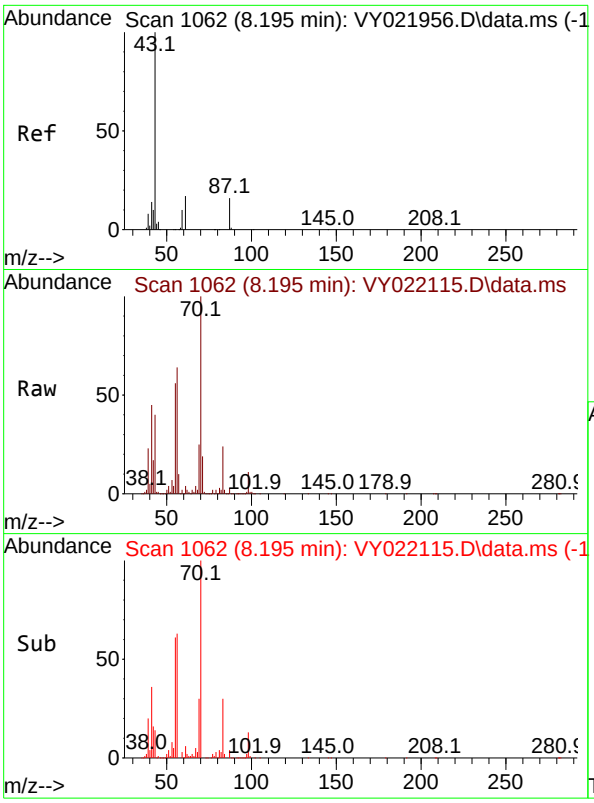


#42
1,2-Dichloroethane
Concen: 40.622 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 62 Resp: 149815

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.0





#43
Isopropyl Acetate
Concen: 89.596 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 29447

Ion	Ratio	Lower	Upper
43	100		
61	10.9	18.9	28.3#
87	7.7	13.7	20.5#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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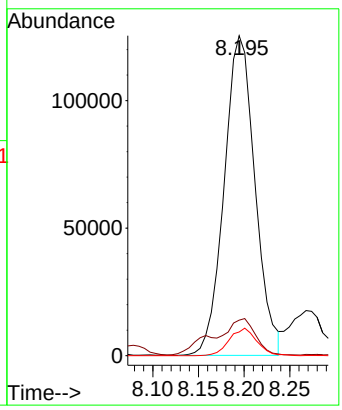
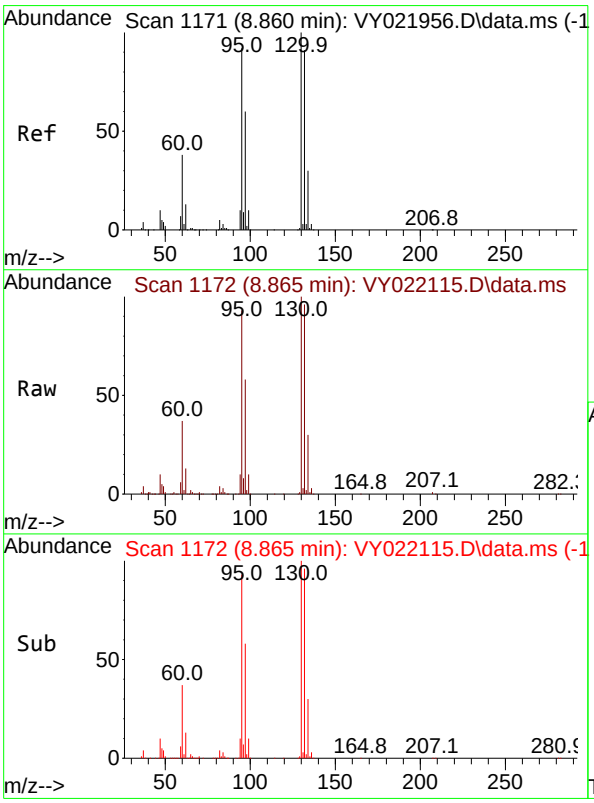
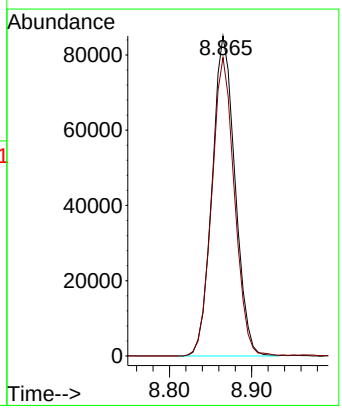


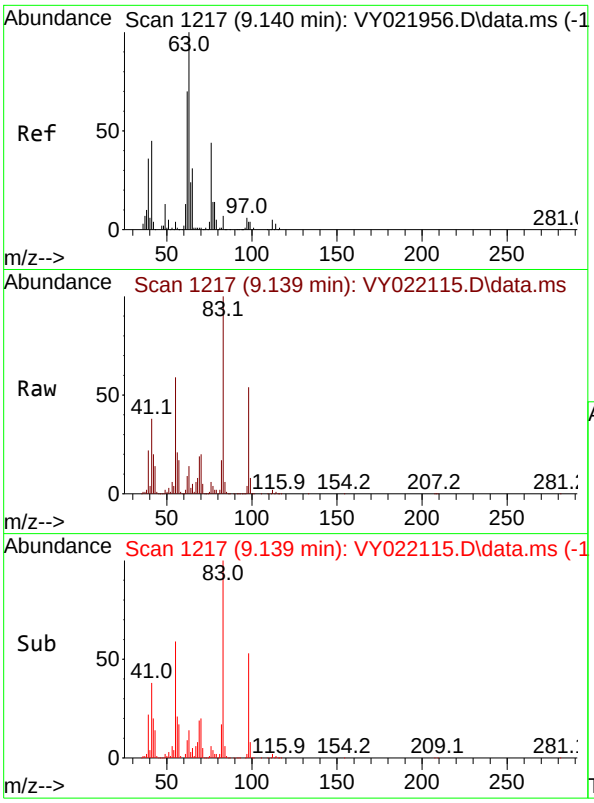


#44
Trichloroethene
Concen: 39.864 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:130 Resp: 164474

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	183.2

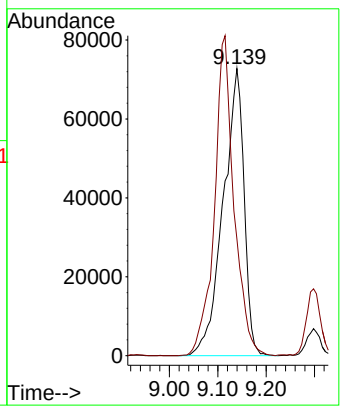




#45
1,2-Dichloropropane
Concen: 66.195 ug/l
RT: 9.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 63 Resp: 21805

Ion	Ratio	Lower	Upper
63	100		
65	40.6	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
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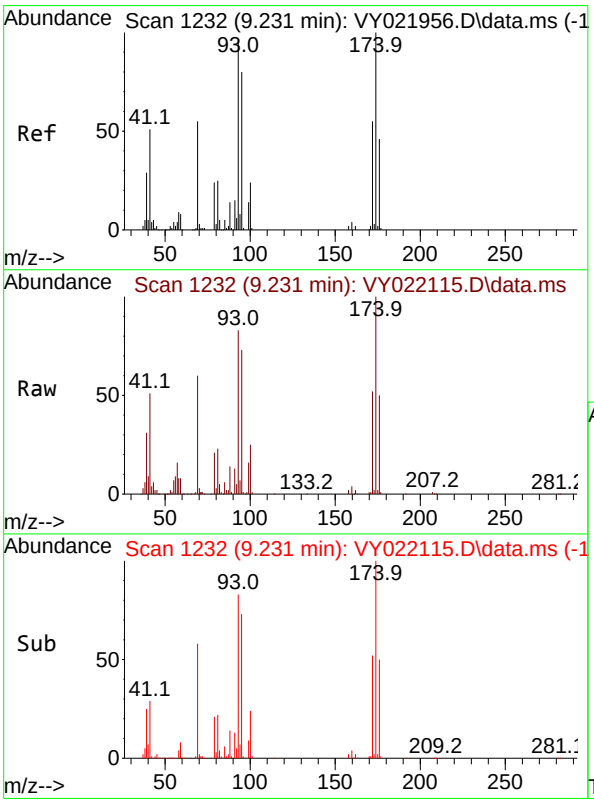
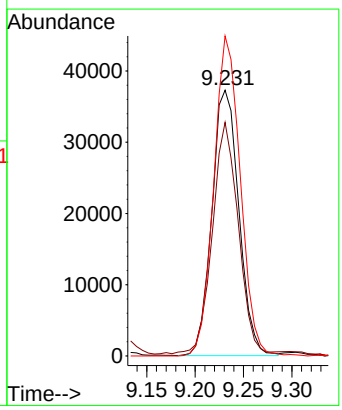
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

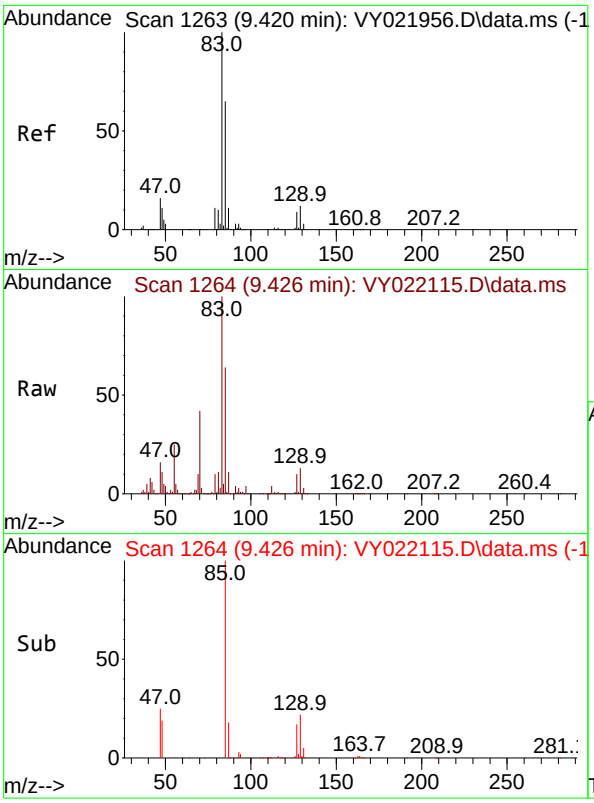


#46
Dibromomethane
Concen: 34.956 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 93 Resp: 72082

Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.7	100.1
174	118.8	84.6	127.0

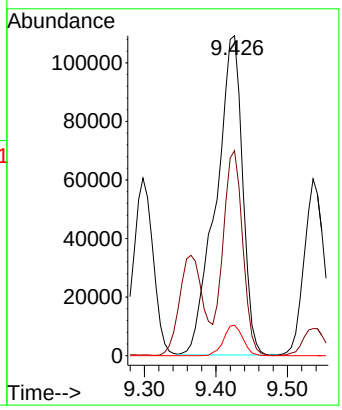




#47
Bromodichloromethane
Concen: 54.502 ug/l
RT: 9.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 83 Resp: 28076

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8
127	9.6	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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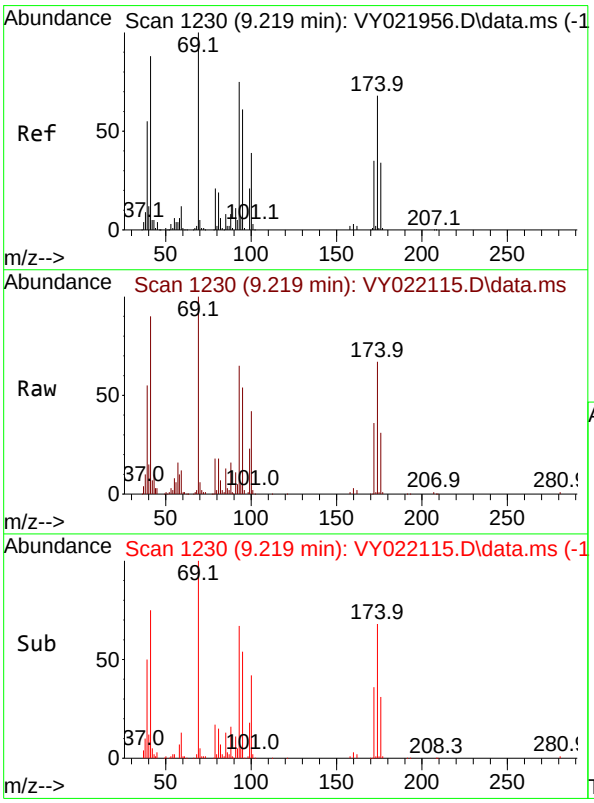
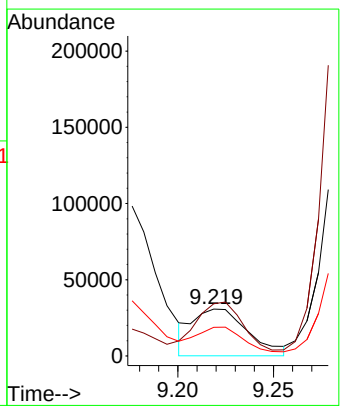
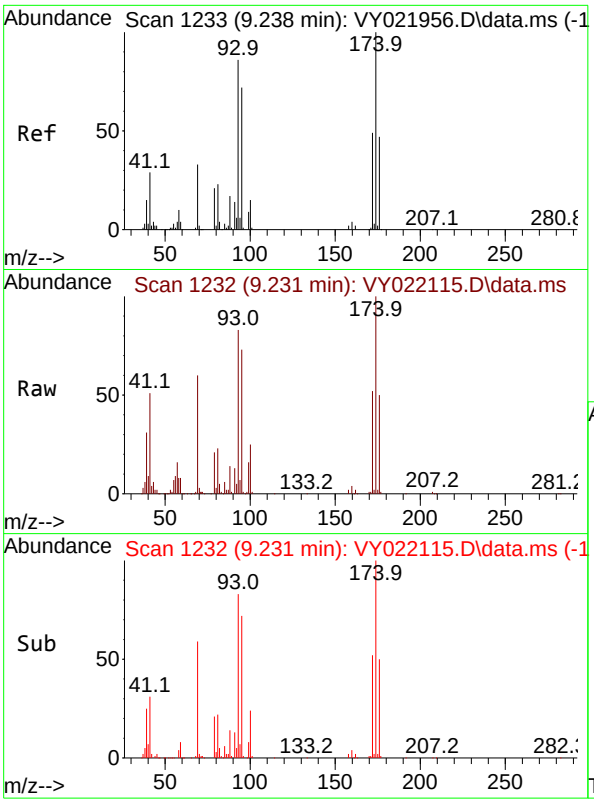


#48
Methyl methacrylate
Concen: 40.747 ug/l m
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 41 Resp: 61910

Ion	Ratio	Lower	Upper
41	100		
69	0.0	85.5	128.3#
39	0.0	46.2	69.4#





#49
1,4-Dioxane
Concen: 675.021 ug/l
RT: 9.231 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 88 Resp: 1483

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.3	31.9#
58	44.6	50.5	75.7#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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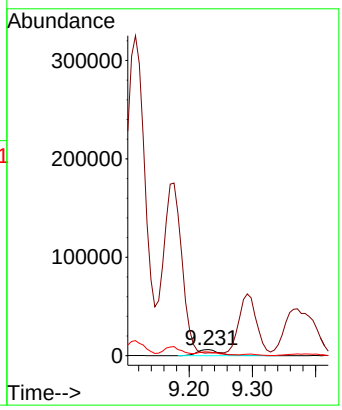
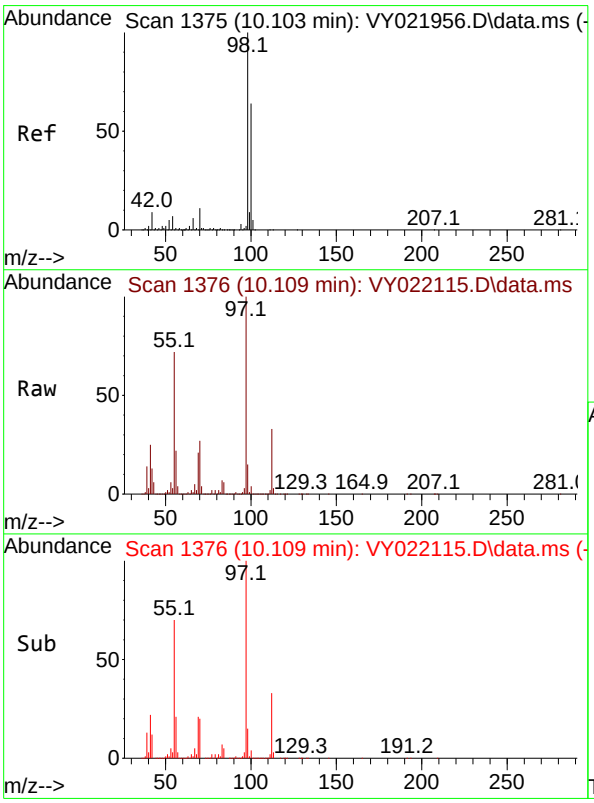
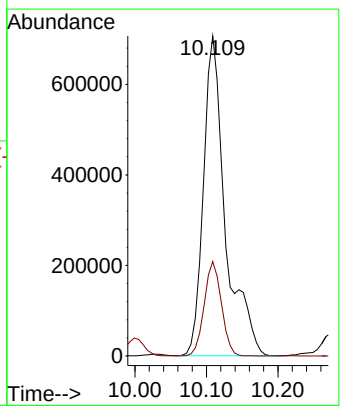


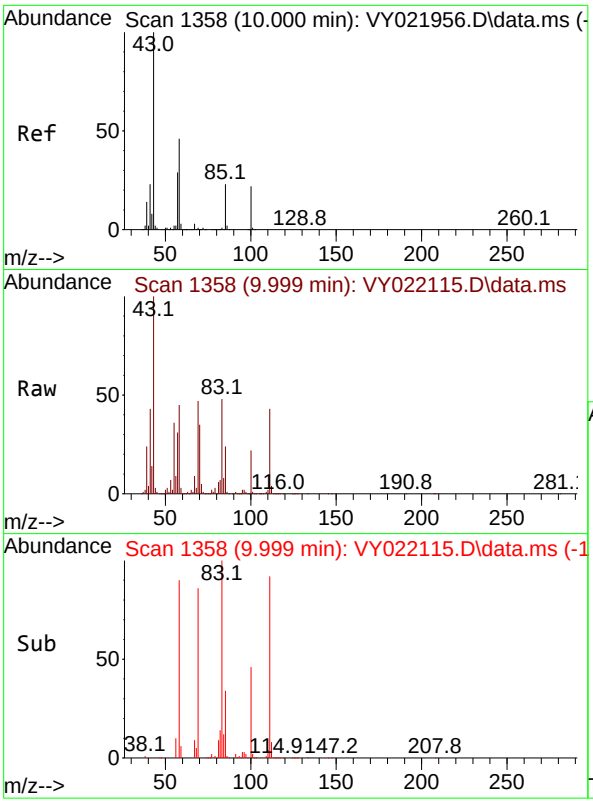


#50
Toluene-d8
Concen: 112.720 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 98 Resp: 1507509

Ion	Ratio	Lower	Upper
98	100		
100	23.1	51.6	77.4#

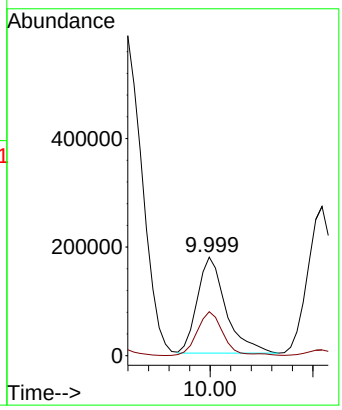




#51
4-Methyl-2-Pentanone
Concen: 198.506 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 34200

Ion	Ratio	Lower	Upper
43	100		
58	41.4	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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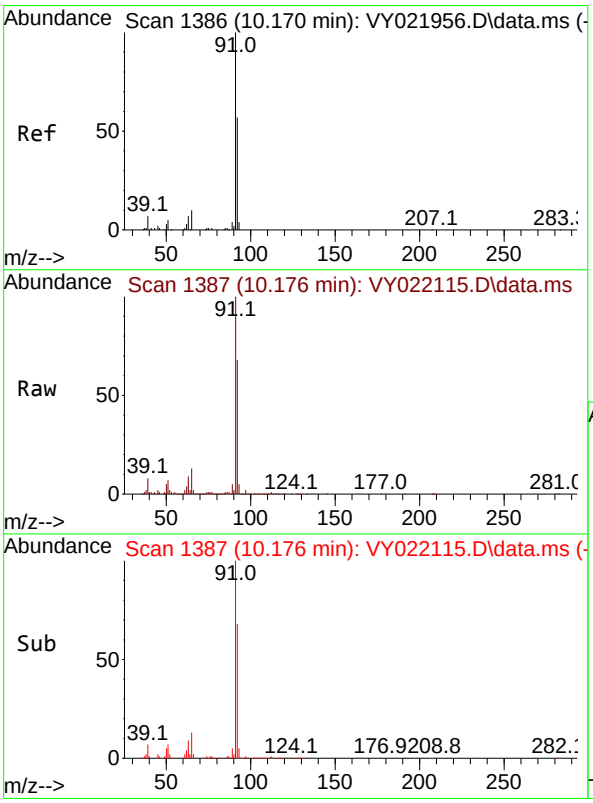
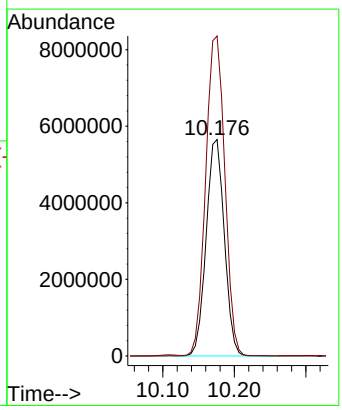
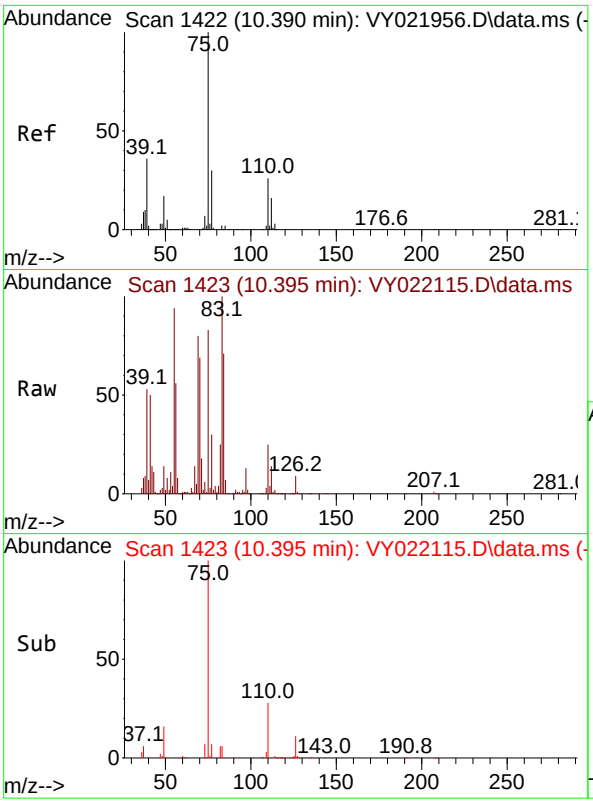


#52
Toluene
Concen: 1032.042 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 92 Resp: 9951143

Ion	Ratio	Lower	Upper
92	100		
91	155.9	138.6	207.8





#53
t-1,3-Dichloropropene
Concen: 34.881 ug/l
RT: 10.395 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 75 Resp: 15412

Ion	Ratio	Lower	Upper
75	100		
77	35.3	24.0	36.0

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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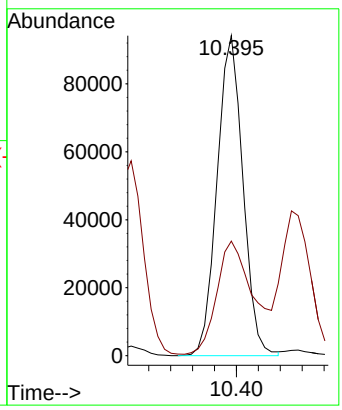
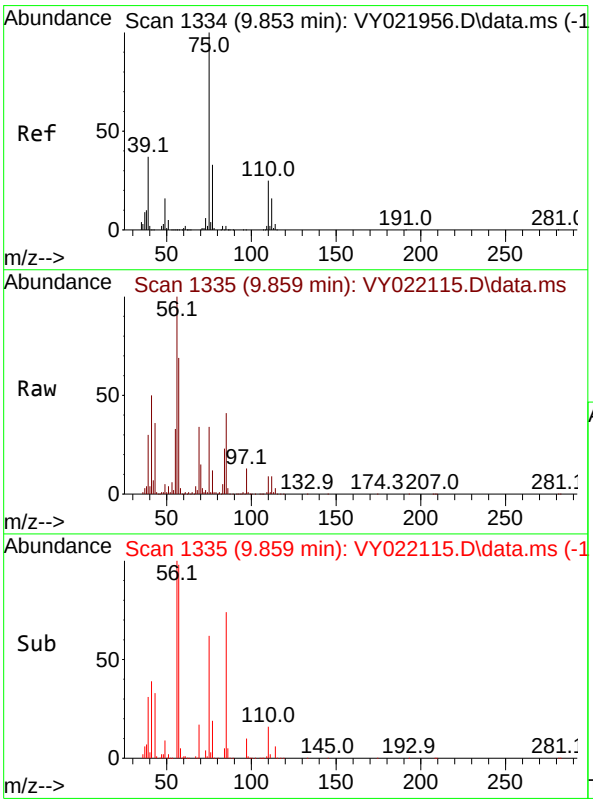
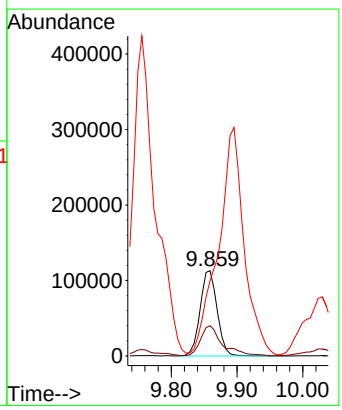


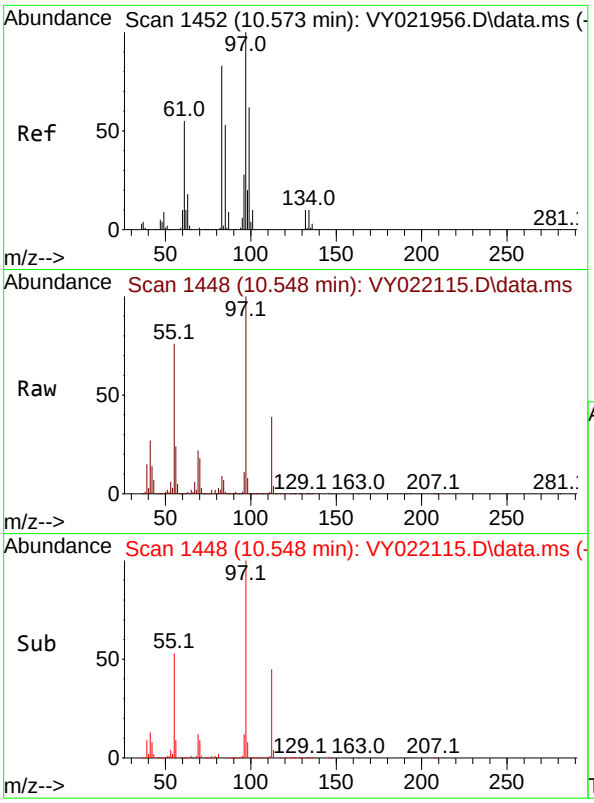


#54
cis-1,3-Dichloropropene
Concen: 38.507 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 75 Resp: 202257

Ion	Ratio	Lower	Upper
75	100		
77	35.3	26.6	40.0
39	86.8	29.6	44.4#

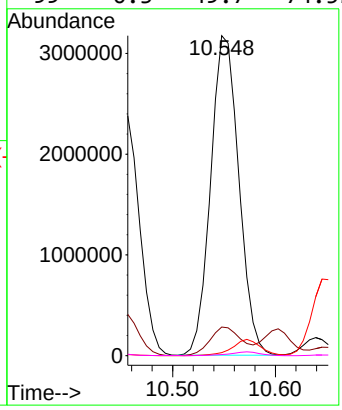




#55
1,1,2-Trichloroethane
Concen: 2195.343 ug/l
RT: 10.548 min Scan# 14
Delta R.T. -0.025 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 97 Resp: 604703

Ion	Ratio	Lower	Upper
97	100		
83	8.9	66.7	100.1#
85	0.9	42.6	64.0#
99	0.3	49.7	74.5#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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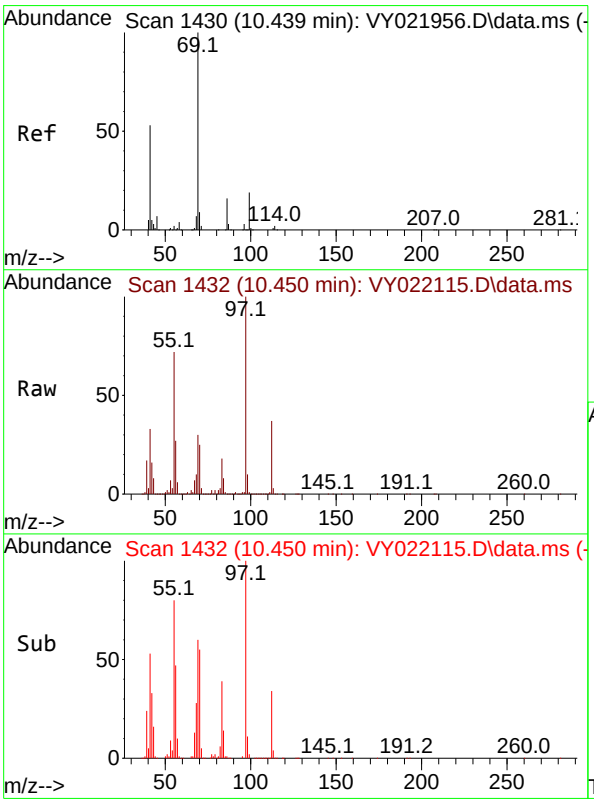
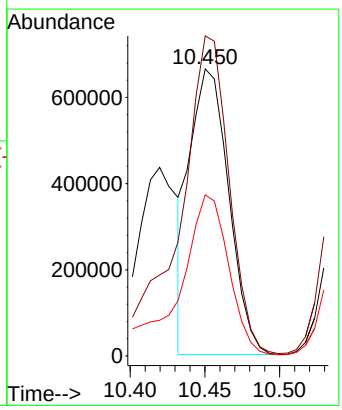
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

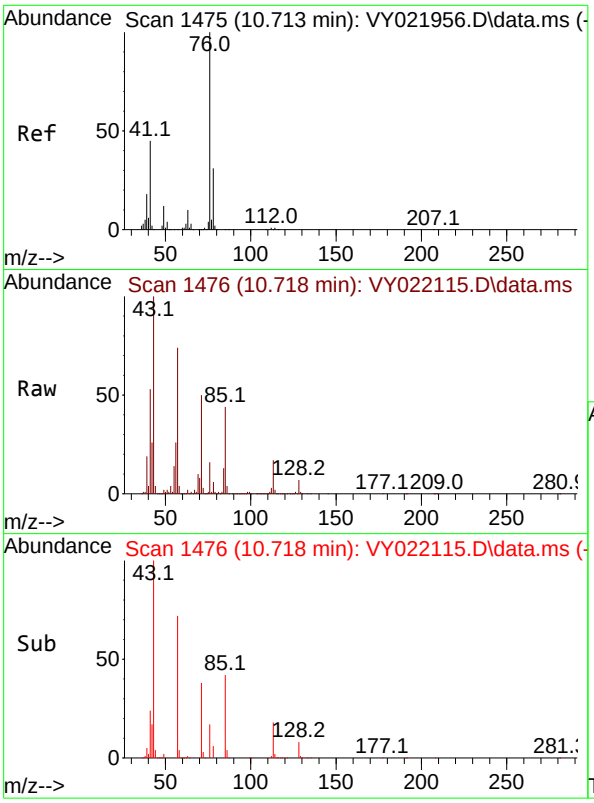


#56
Ethyl methacrylate
Concen: 382.036 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 69 Resp: 1203382

Ion	Ratio	Lower	Upper
69	100		
41	145.0	40.7	61.1#
39	75.4	23.3	34.9#





#57
1,3-Dichloropropane
Concen: 36.352 ug/l
RT: 10.718 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 76 Resp: 16052

Ion	Ratio	Lower	Upper
76	100		
78	35.6	26.6	39.8

Instrument :
MSVOA_Y
ClientSampleId :
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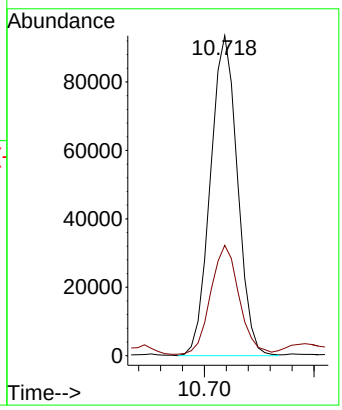
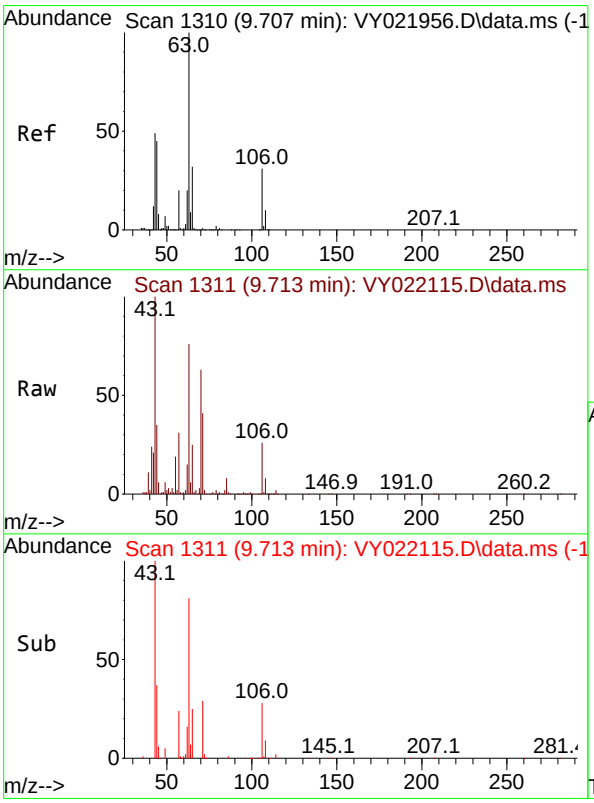
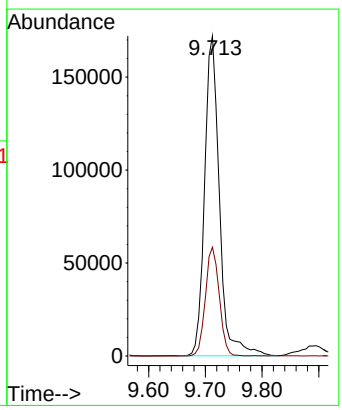


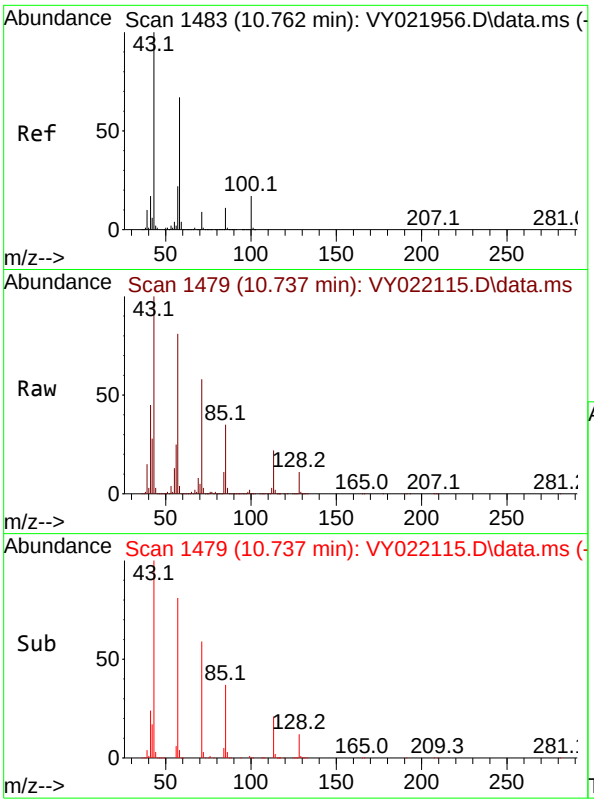


#58
2-Chloroethyl Vinyl ether
Concen: 202.868 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 63 Resp: 312436

Ion	Ratio	Lower	Upper
63	100		
106	31.7	25.3	37.9

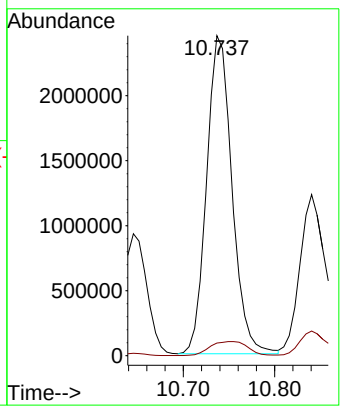




#59
2-Hexanone
Concen: 4159.107 ug/l
RT: 10.737 min Scan# 14
Delta R.T. -0.025 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 472639

Ion	Ratio	Lower	Upper
43	100		
58	6.5	32.0	96.0#



Instrument :
MSVOA_Y
ClientSampleId :
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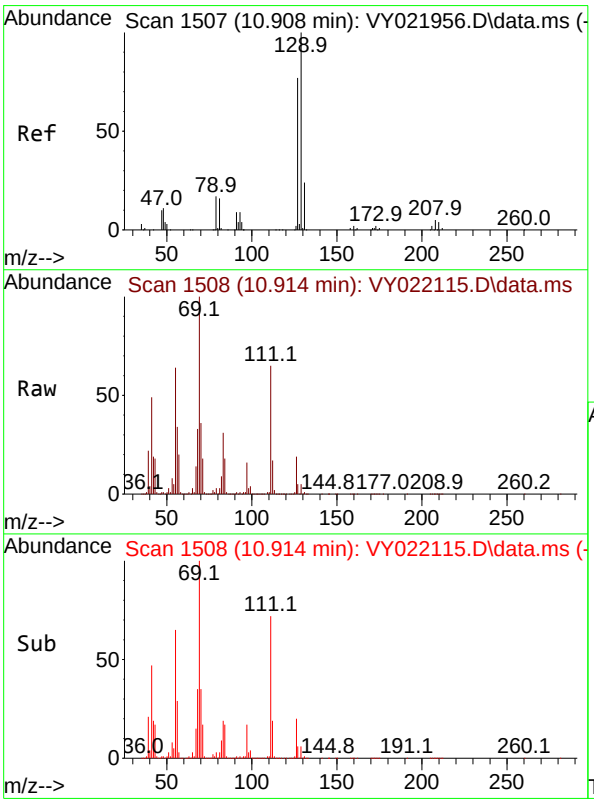
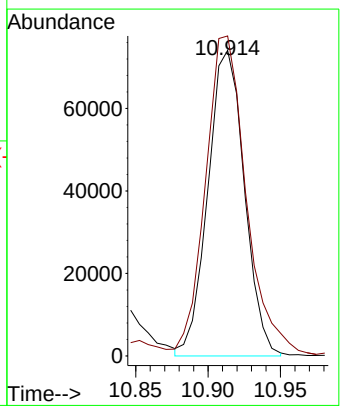
Supervised By :Mahesh Dadoda 05/15/2025

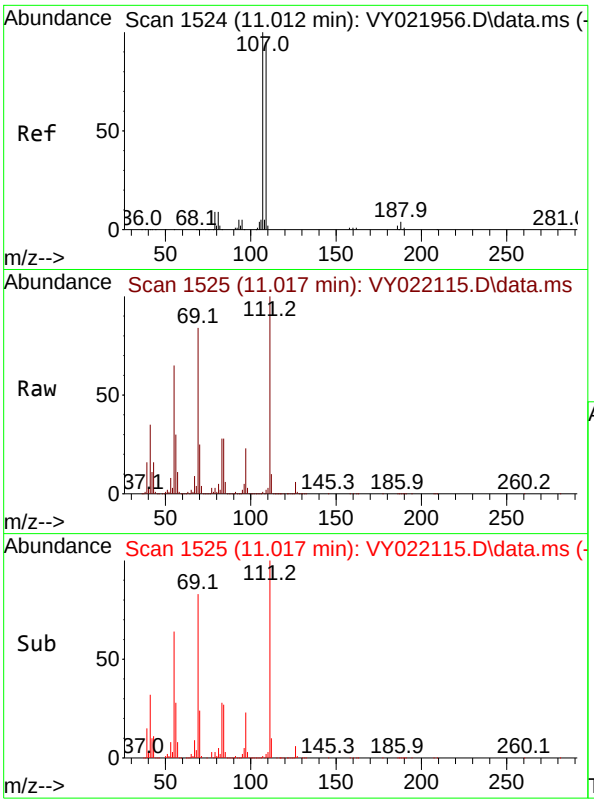


#60
Dibromochloromethane
Concen: 34.023 ug/l m
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:129 Resp: 129750

Ion	Ratio	Lower	Upper
129	100		
127	7.8	38.5	115.3#





#61
1,2-Dibromoethane
Concen: 37.041 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:107 Resp: 9632

Ion	Ratio	Lower	Upper
107	100		
109	128.3	75.8	113.8

Instrument :
MSVOA_Y
ClientSampleId :
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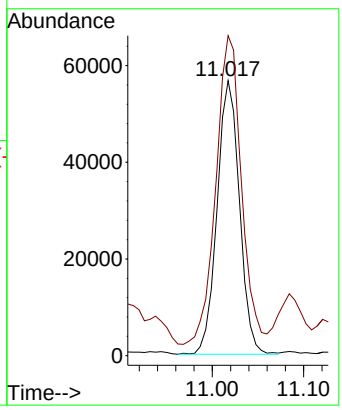
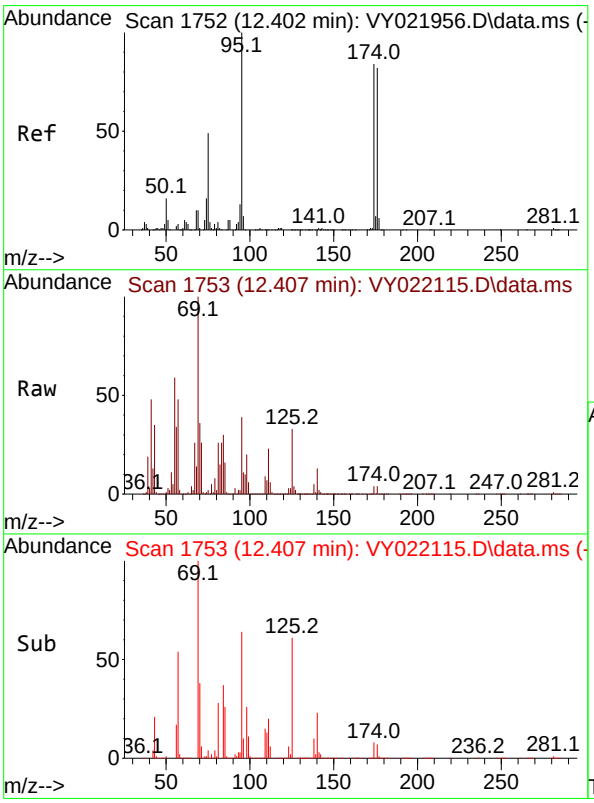
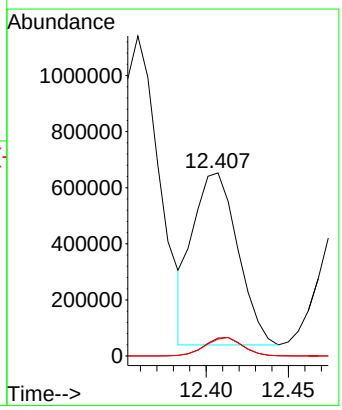


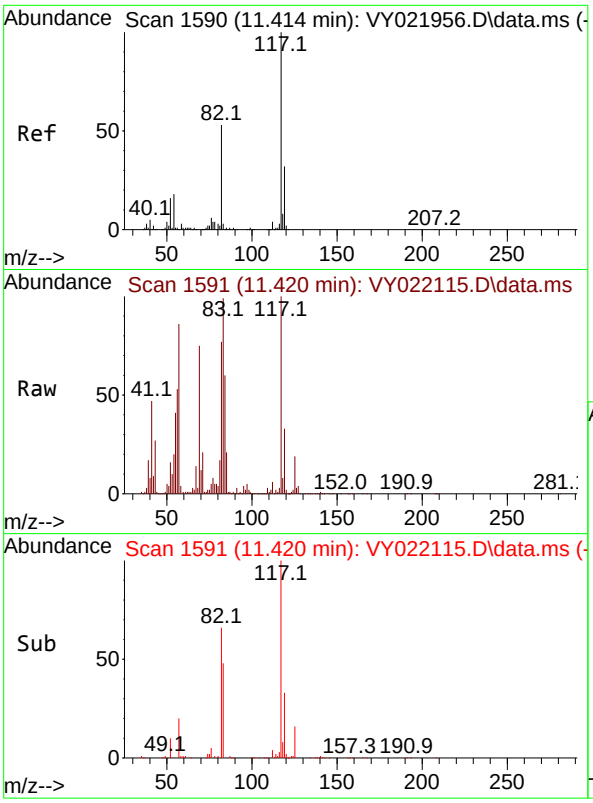


#62
4-Bromofluorobenzene
Concen: 259.196 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 95 Resp: 1166955

Ion	Ratio	Lower	Upper
95	100		
174	9.2	0.0	179.0
176	8.9	0.0	171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:117 Resp: 33436

Ion	Ratio	Lower	Upper
117	100		
82	0.0	42.1	63.1#
119	32.6	25.7	38.5

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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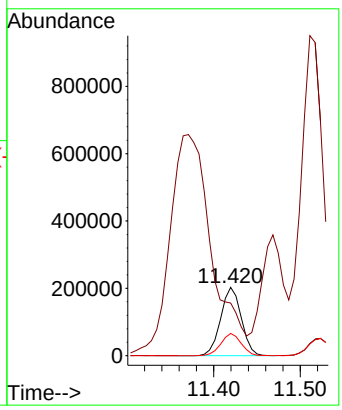
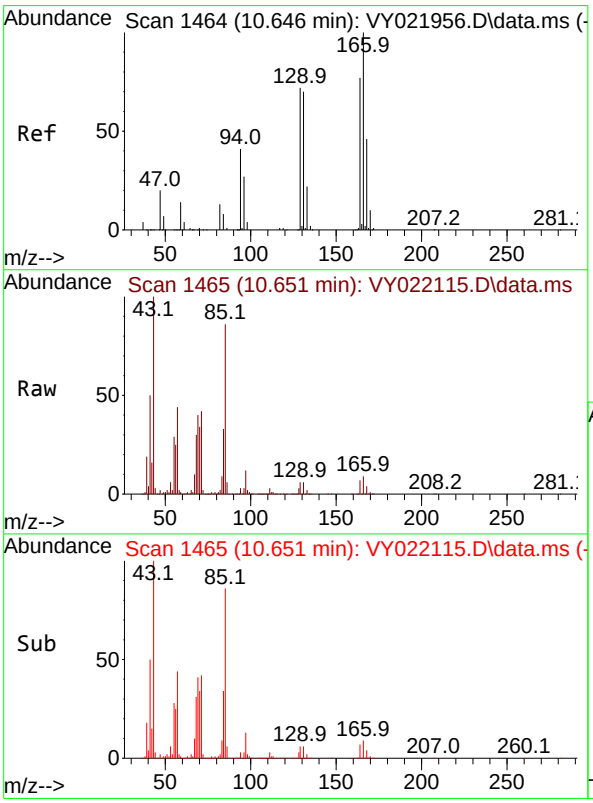
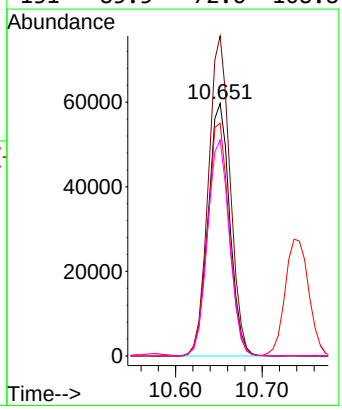


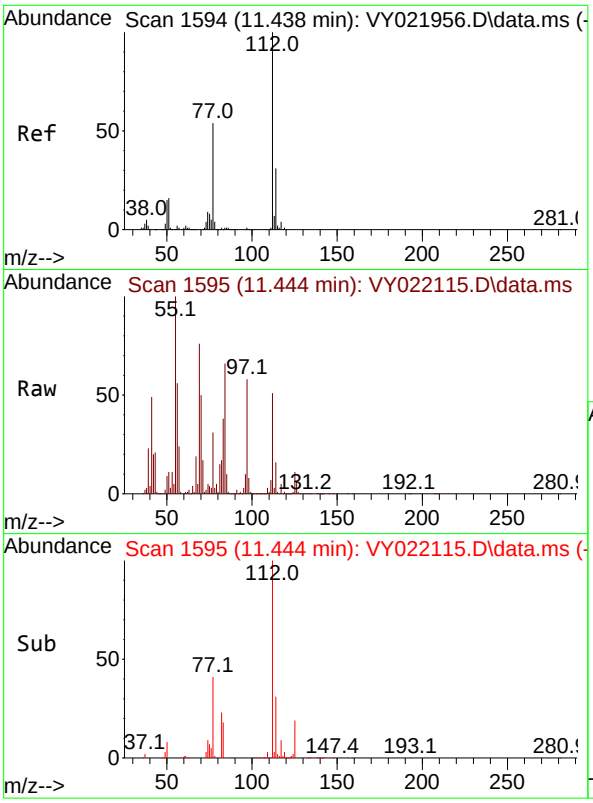


#64
Tetrachloroethene
Concen: 33.011 ug/l
RT: 10.651 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:164 Resp: 104128

Ion	Ratio	Lower	Upper
164	100		
166	126.7	103.6	155.4
129	92.2	74.2	111.4
131	85.5	72.6	108.8





#65
Chlorobenzene
Concen: 46.490 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:112 Resp: 34761

Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.0	37.4

Instrument :
MSVOA_Y
ClientSampleId :
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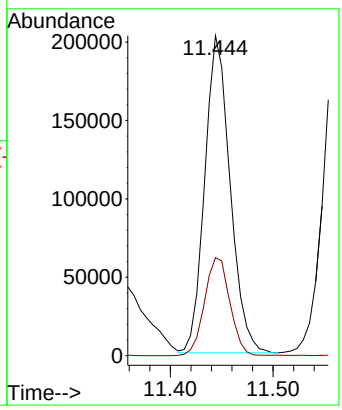
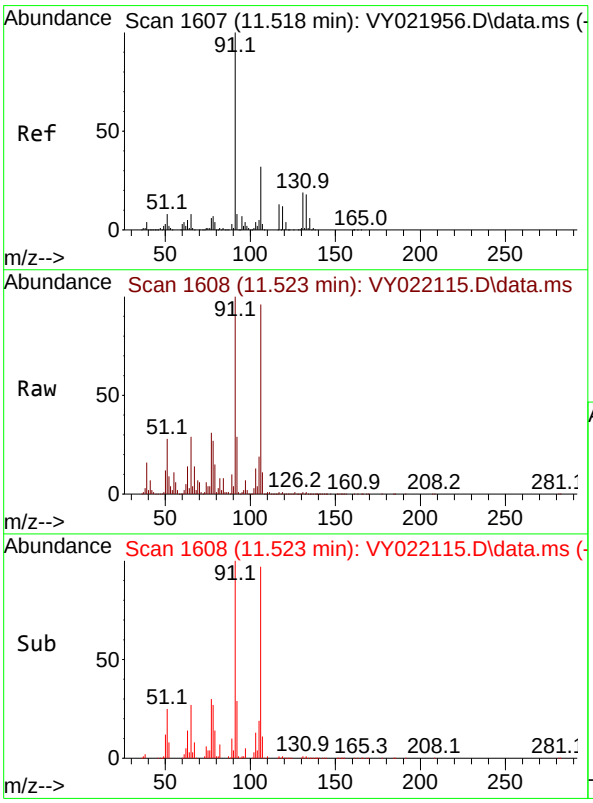
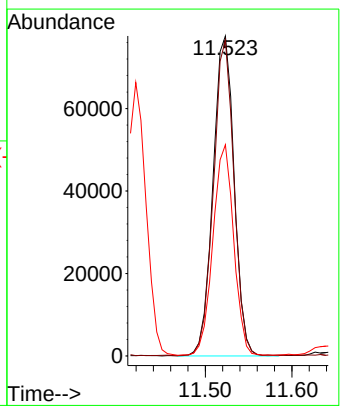


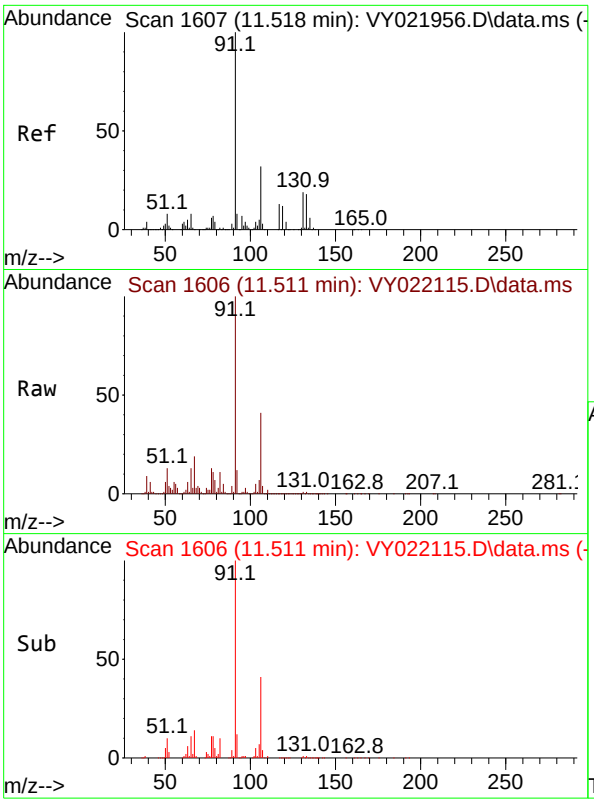


#66
1,1,1,2-Tetrachloroethane
Concen: 49.972 ug/l
RT: 11.523 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:131 Resp: 131547

Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.8	143.3
119	64.6	32.4	97.0





#67
Ethyl Benzene
Concen: 1784.183 ug/l m
RT: 11.511 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 91 Resp:2182353

Ion	Ratio	Lower	Upper
91	100		
106	41.3	25.9	38.9#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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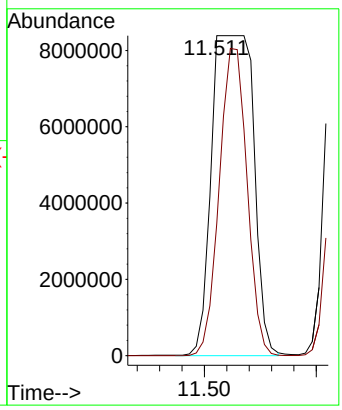
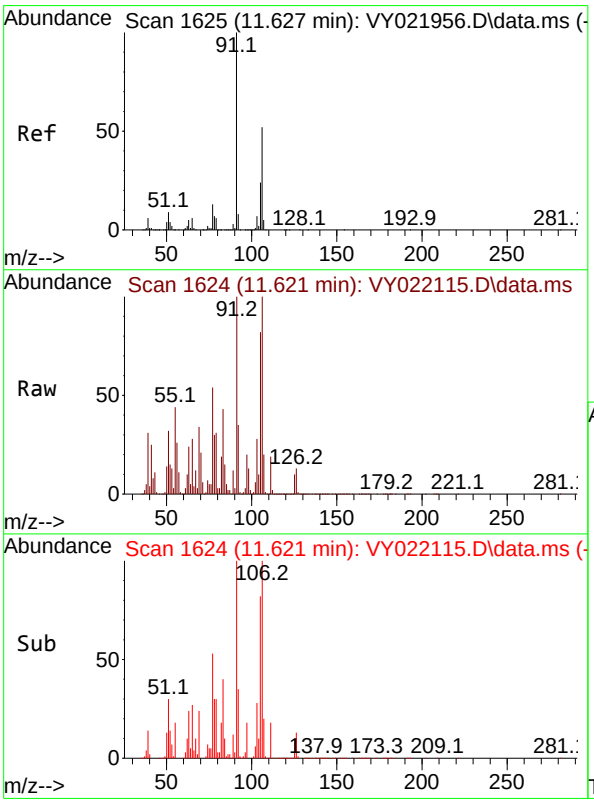
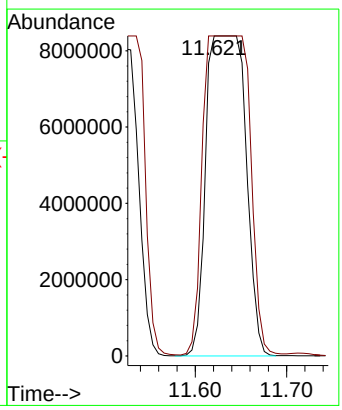


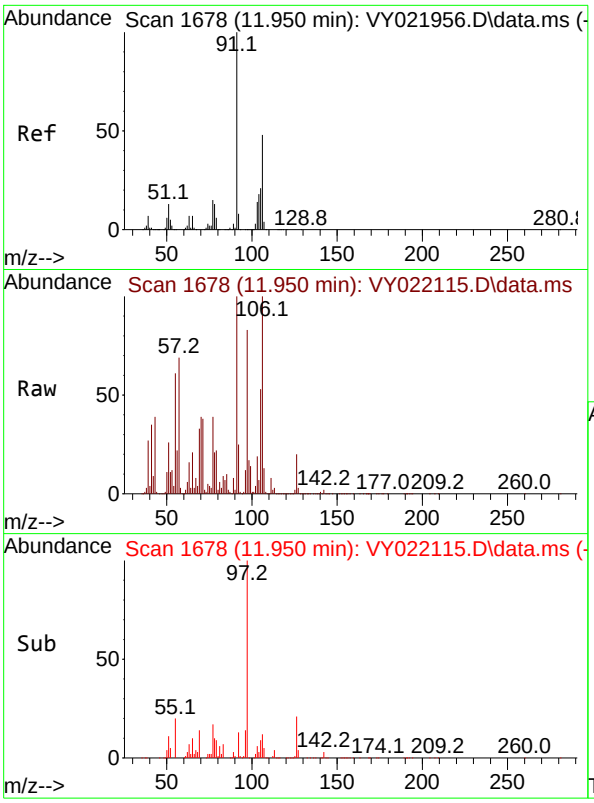


#68
m/p-Xylenes
Concen: 5160.919 ug/l m
RT: 11.621 min Scan# 1624
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:106 Resp:25119489

Ion	Ratio	Lower	Upper
106	100		
91	0.0	156.2	234.2#

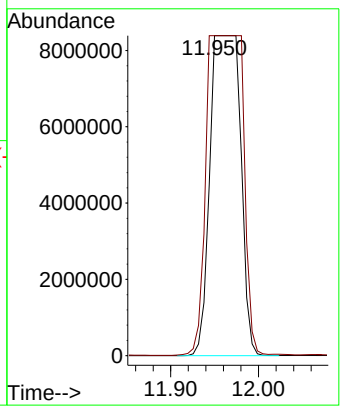




#69
o-Xylene
Concen: 4512.240 ug/l m
RT: 11.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:106 Resp:2024226

Ion	Ratio	Lower	Upper
106	100		
91	0.0	103.0	308.9#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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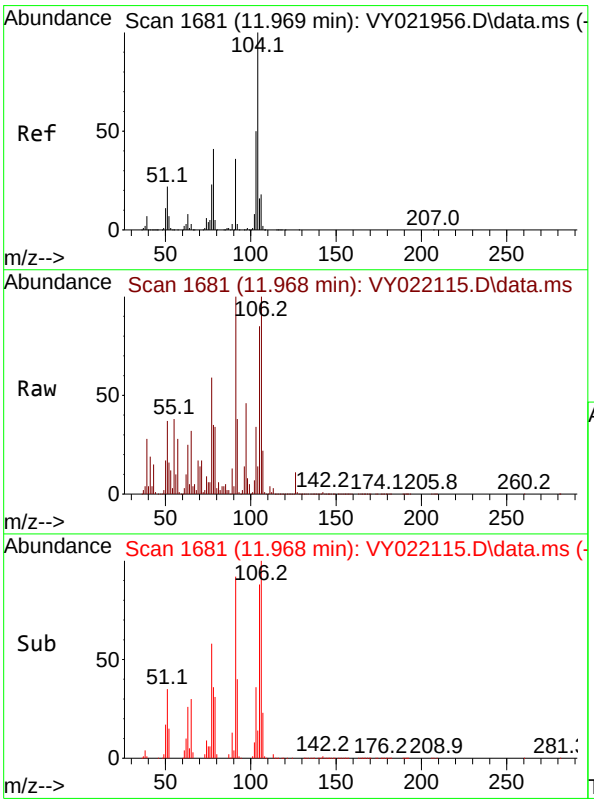
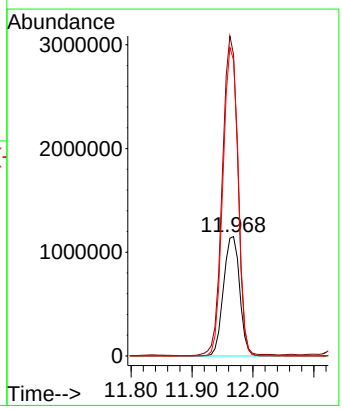
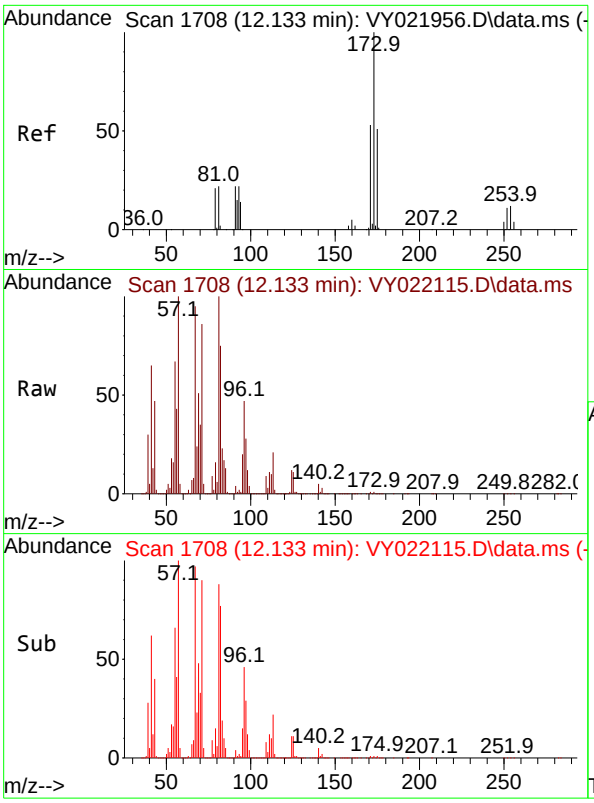


#70
Styrene
Concen: 281.951 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:104 Resp: 2123732

Ion	Ratio	Lower	Upper
104	100		
78	257.4	36.6	54.8#
103	243.9	43.8	65.8#

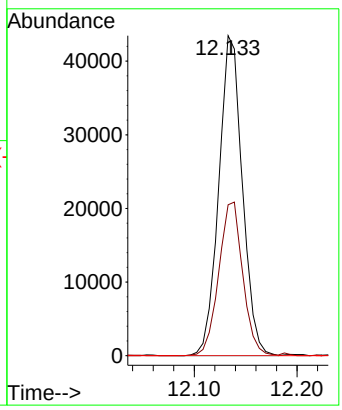




#71
Bromoform
Concen: 45.135 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:173 Resp: 6907

Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.3	72.8
254	0.0	0.0	0.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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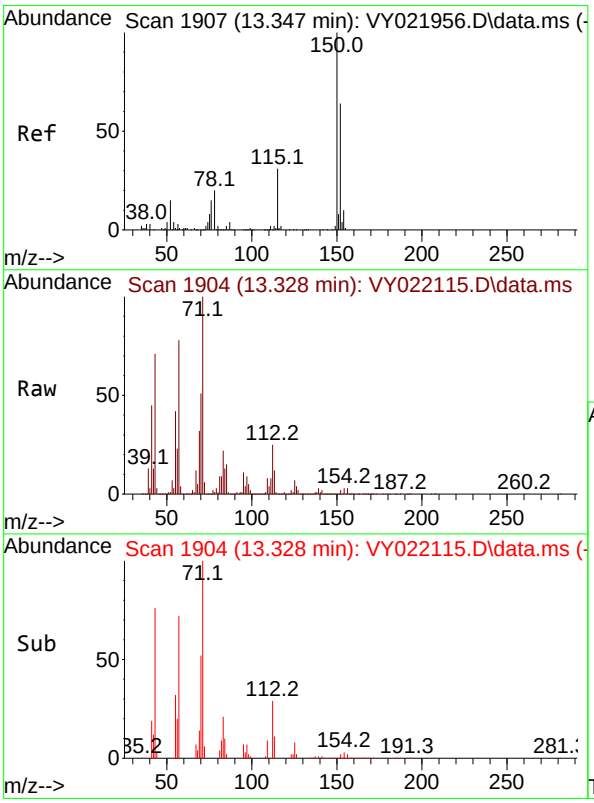
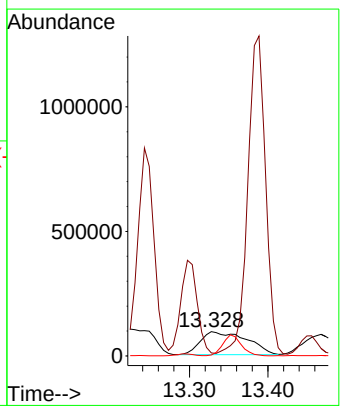
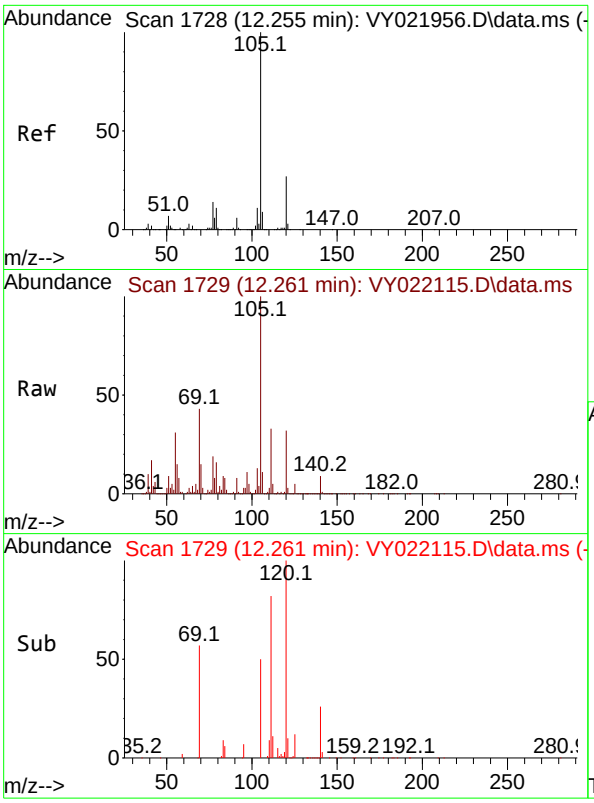


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.328 min Scan# 1904
Delta R.T. -0.019 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:152 Resp: 378955

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.0	84.0#
150	0.0	0.0	345.6

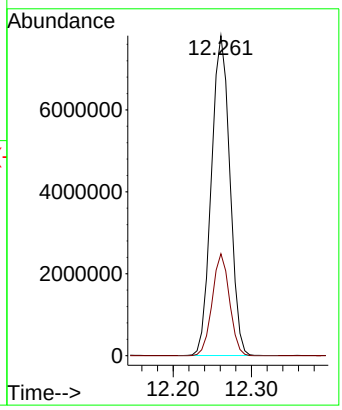




#73
Isopropylbenzene
Concen: 505.302 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:105 Resp:1279331

Ion	Ratio	Lower	Upper
105	100		
120	29.8	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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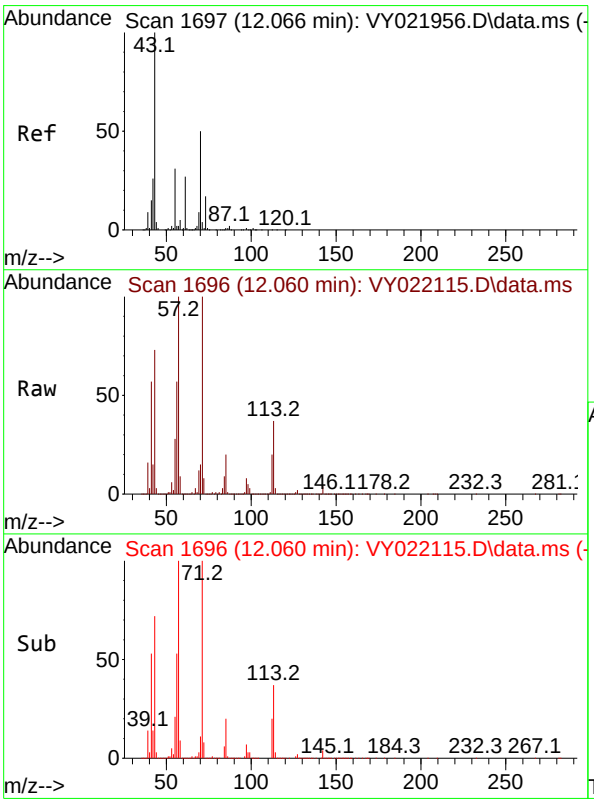
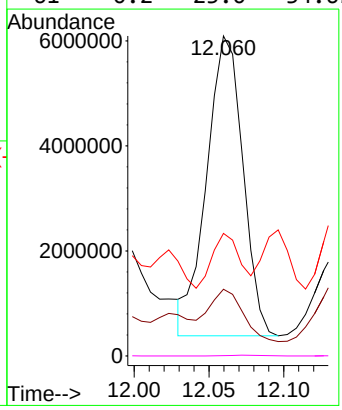
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

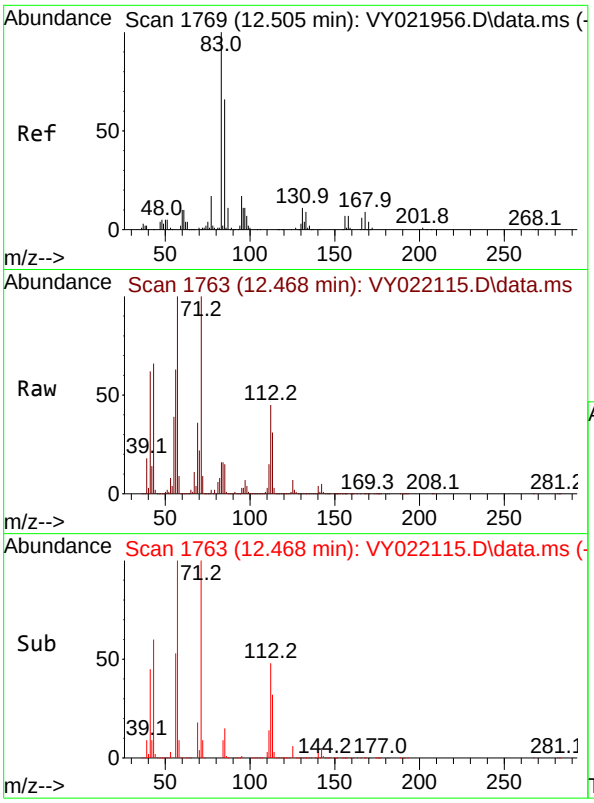


#74
N-amyl acetate
Concen: 2206.136 ug/l
RT: 12.060 min Scan# 1696
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 43 Resp: 9596496

Ion	Ratio	Lower	Upper
43	100		
70	16.2	43.2	64.8#
55	15.2	25.7	38.5#
61	0.2	23.0	34.6#

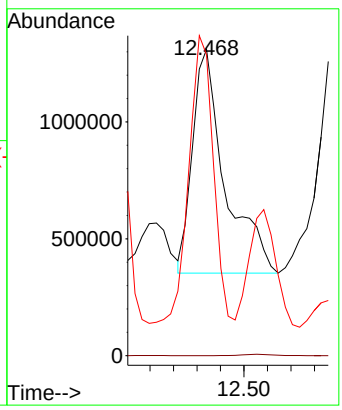




#75
1,1,2,2-Tetrachloroethane
Concen: 431.042 ug/l
RT: 12.468 min Scan# 1
Delta R.T. -0.037 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 83 Resp: 183993

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4
85	94.8	32.3	96.8



Instrument :
MSVOA_Y
ClientSampleId :
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Reviewed By :Semsettin Yesilyurt 05/15/2025
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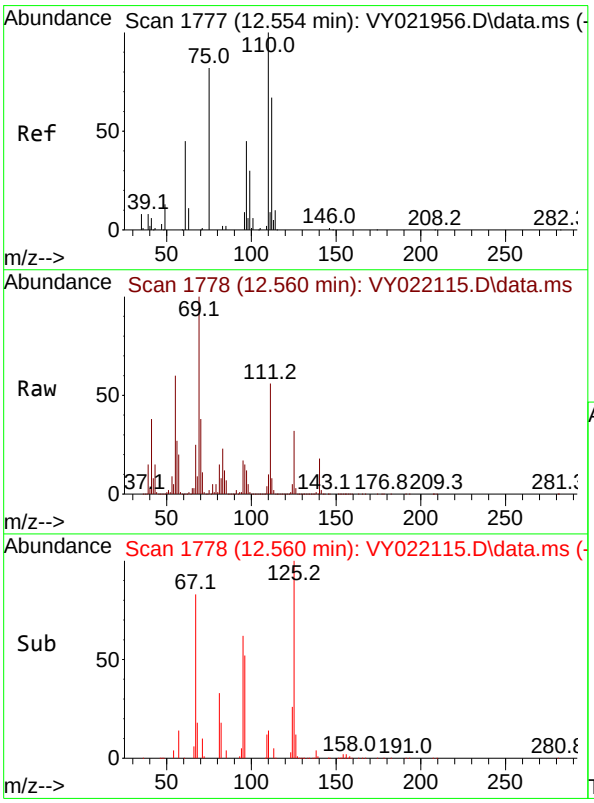
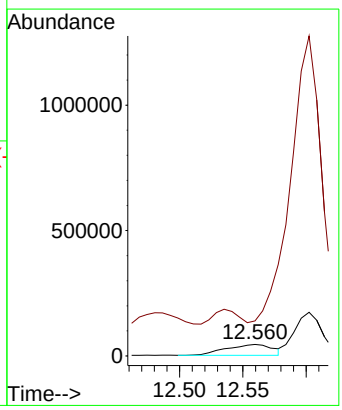
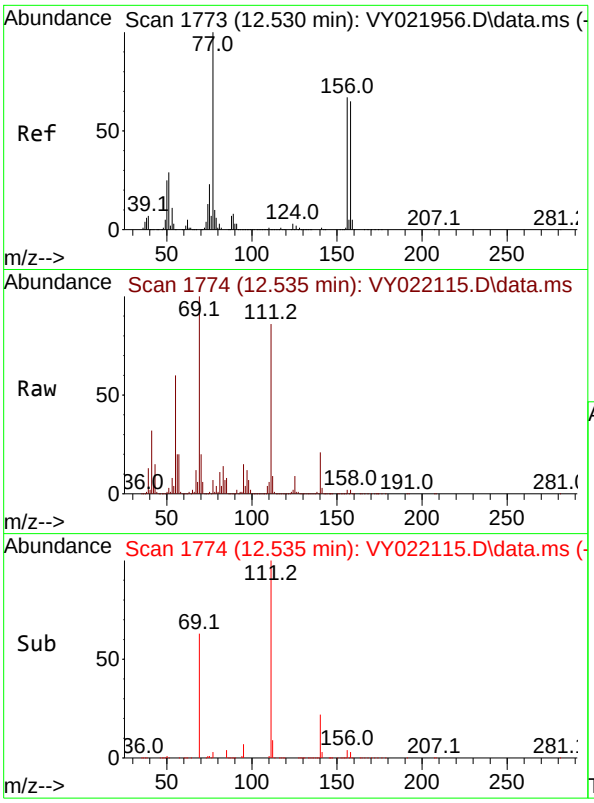


#76
1,2,3-Trichloropropane
Concen: 34.342 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 75 Resp: 111473

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

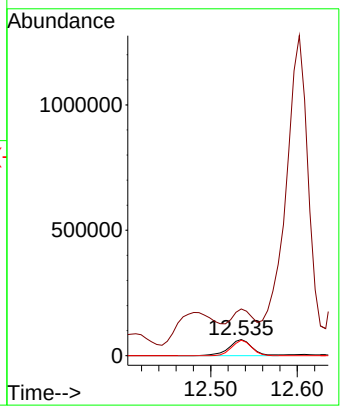




#77
Bromobenzene
Concen: 18.646 ug/l
RT: 12.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:156 Resp: 11928

Ion	Ratio	Lower	Upper
156	100		
77	0.0	82.7	248.1#
158	81.3	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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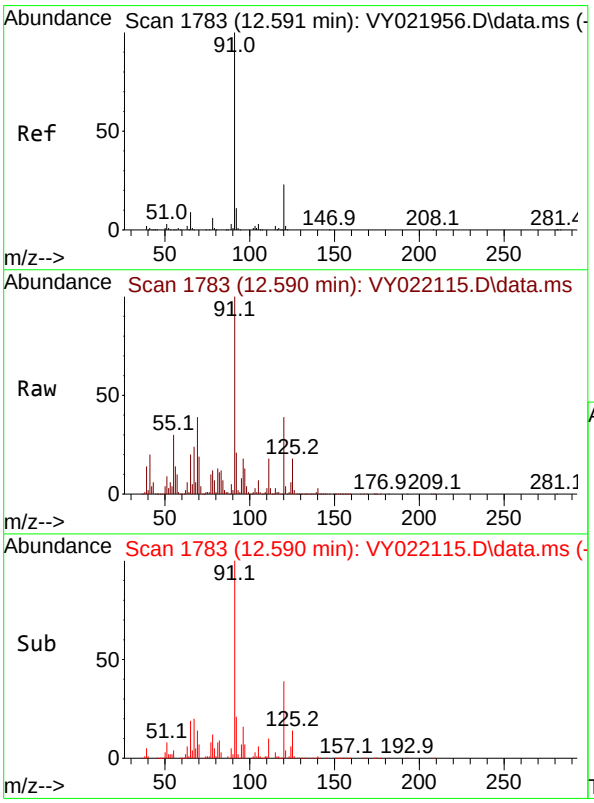
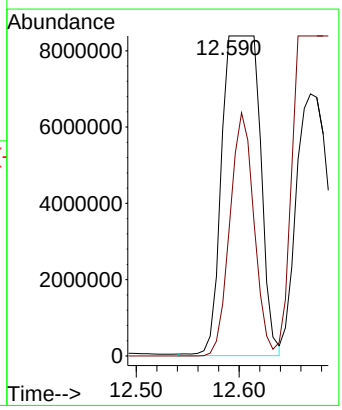
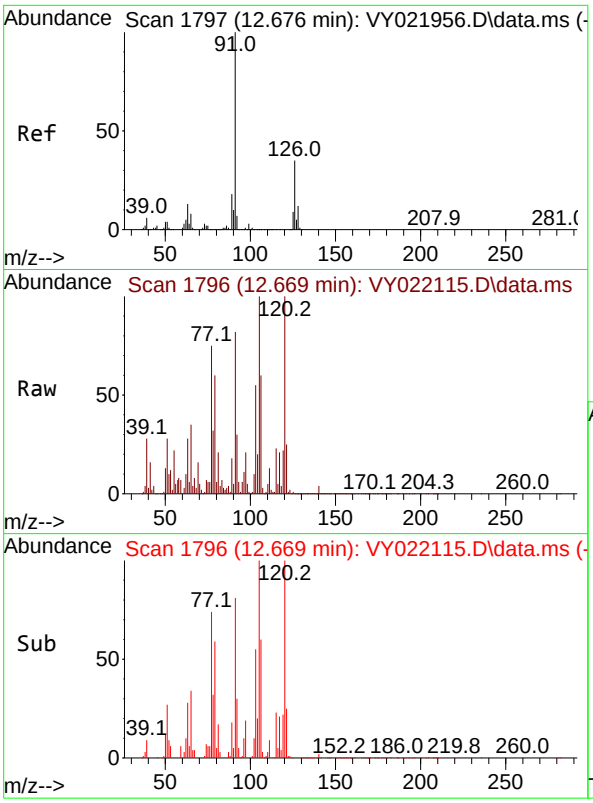


#78
n-propylbenzene
Concen: 715.612 ug/l m
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 91 Resp:21576462

Ion	Ratio	Lower	Upper
91	100		
120	13.9	11.9	35.5





#79
2-Chlorotoluene
Concen: 830.455 ug/l
RT: 12.669 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 91 Resp:1456179

Ion	Ratio	Lower	Upper
91	100		
126	0.2	17.9	53.8

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
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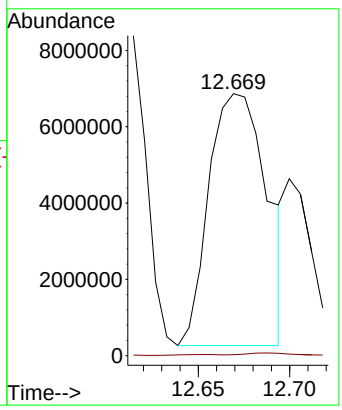
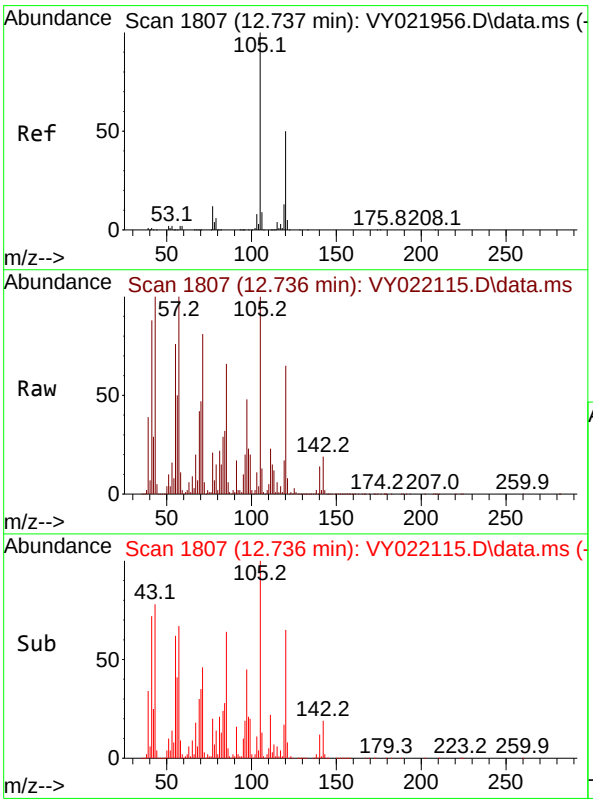
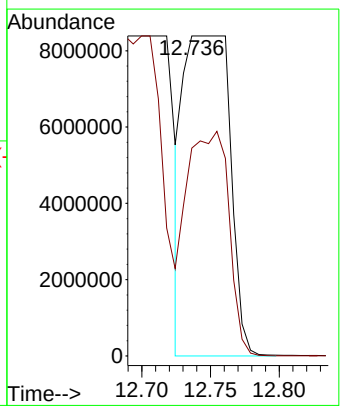


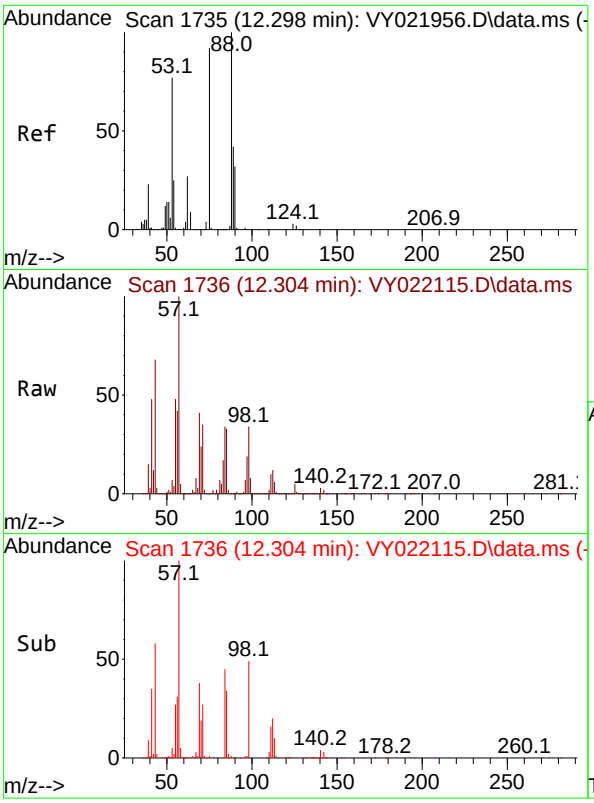


#80
1,3,5-Trimethylbenzene
Concen: 949.189 ug/l m
RT: 12.736 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:105 Resp:19800878

Ion	Ratio	Lower	Upper
105	100		
120	63.2	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 22.589 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 75 Resp: 3044

Ion	Ratio	Lower	Upper
75	100		
53	2026.6	66.0	99.(
89	0.0	37.2	55.8#

Instrument :
MSVOA_Y
ClientSampleId :
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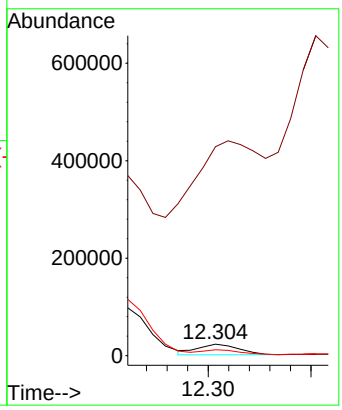
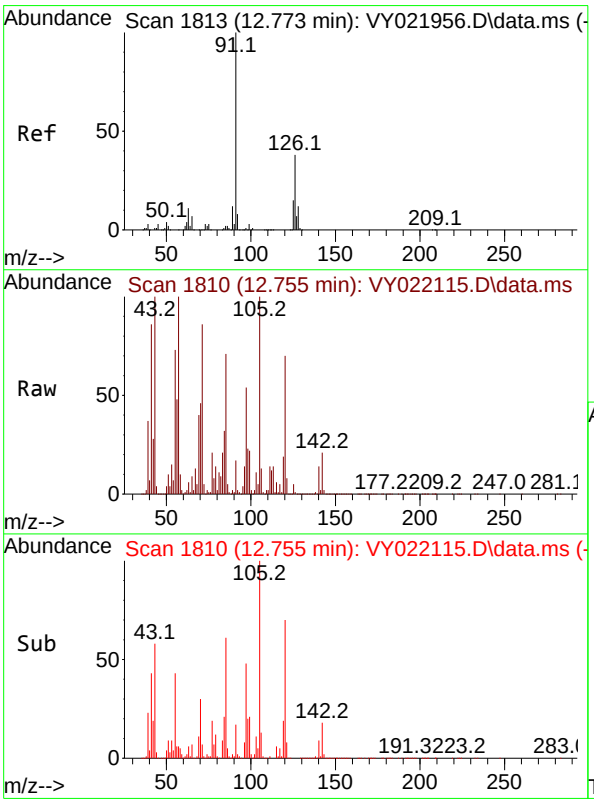
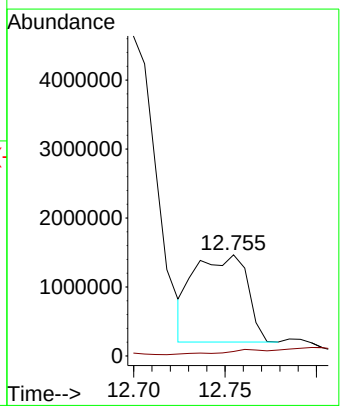


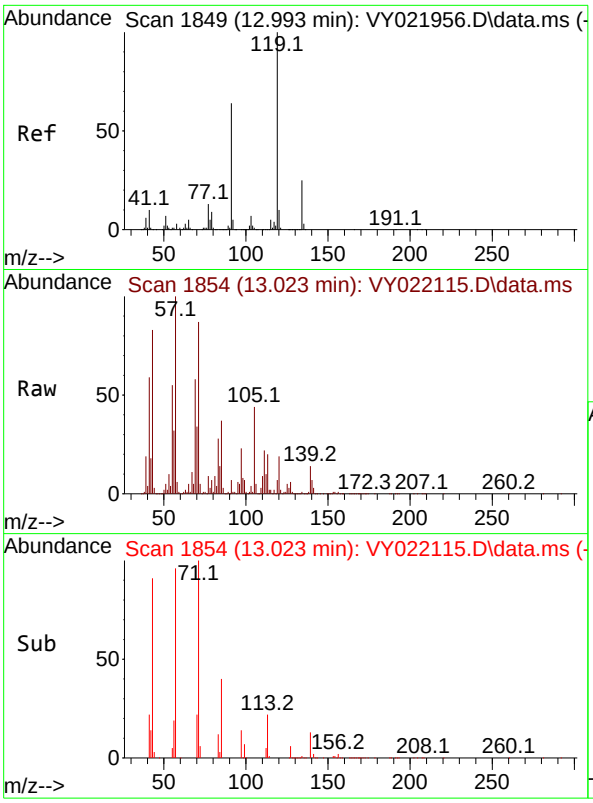


#82
4-Chlorotoluene
Concen: 139.868 ug/l
RT: 12.755 min Scan# 1810
Delta R.T. -0.019 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 91 Resp: 2549489

Ion	Ratio	Lower	Upper
91	100		
126	4.9	17.9	53.8#





#83
tert-Butylbenzene
Concen: 17.745 ug/l m
RT: 13.023 min Scan# 1
Delta R.T. 0.030 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:119 Resp: 33198

Ion	Ratio	Lower	Upper
119	100		
91	3620.1	30.3	90.9
134	0.0	12.9	38.7#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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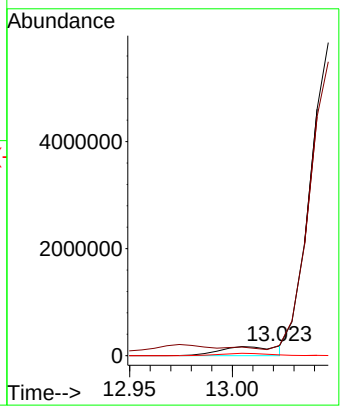
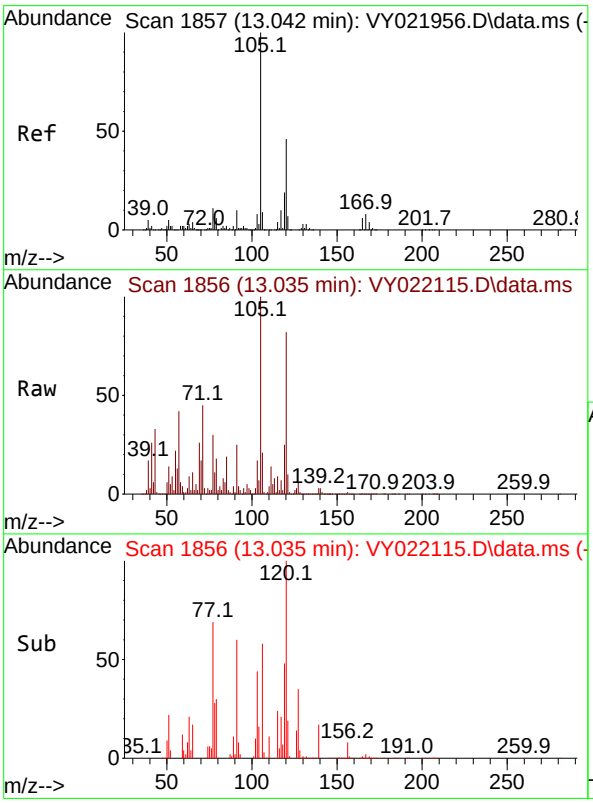
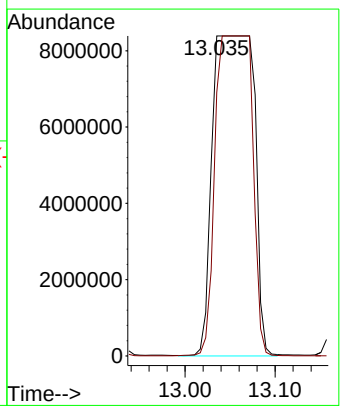


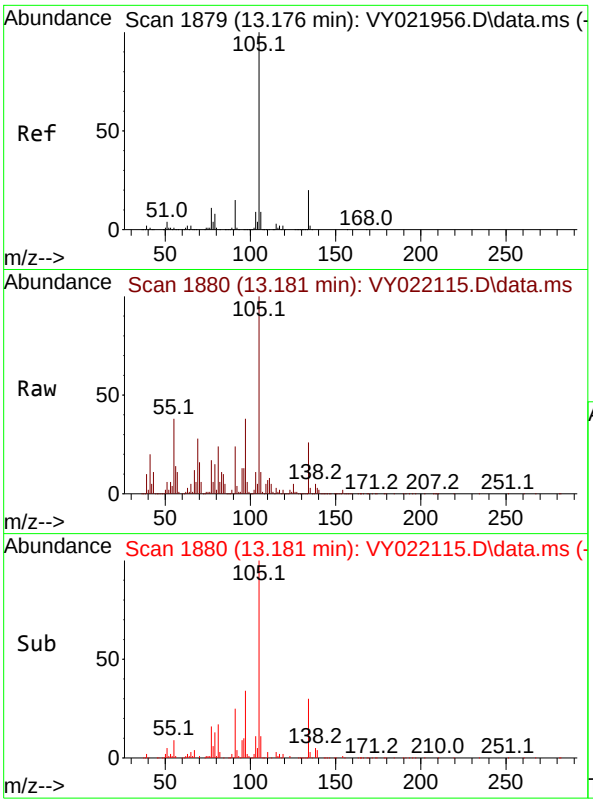


#84
1,2,4-Trimethylbenzene
Concen: 1290.272 ug/l m
RT: 13.035 min Scan# 1856
Delta R.T. -0.007 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:105 Resp:26922328

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	70.0#

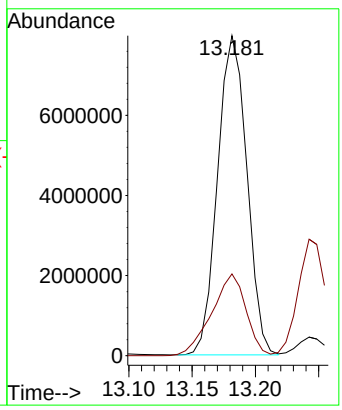




#85
sec-Butylbenzene
Concen: 468.607 ug/l
RT: 13.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:105 Resp:1282904

Ion	Ratio	Lower	Upper
105	100		
134	30.0	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
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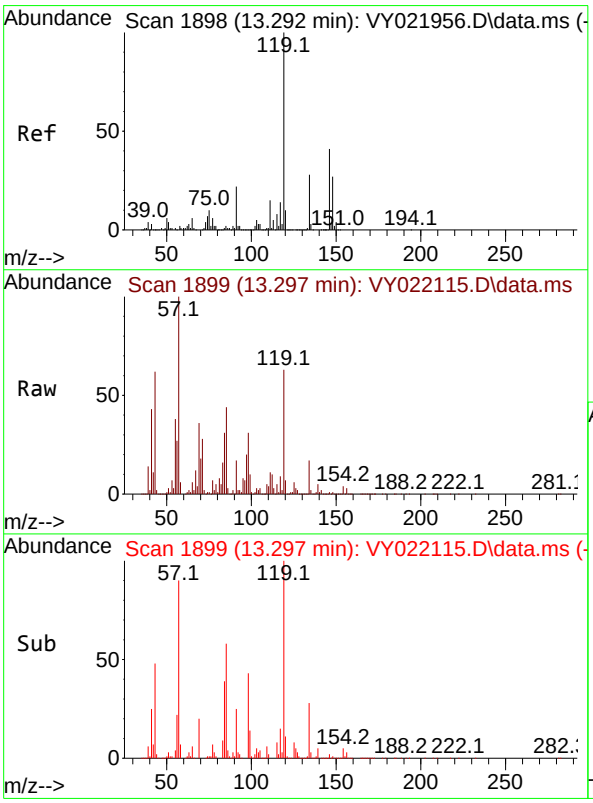
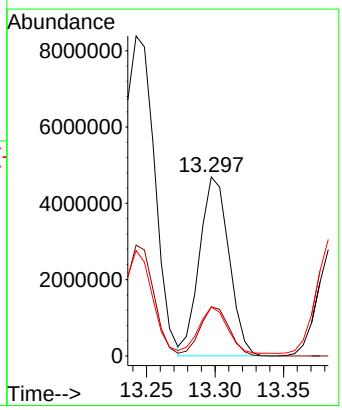
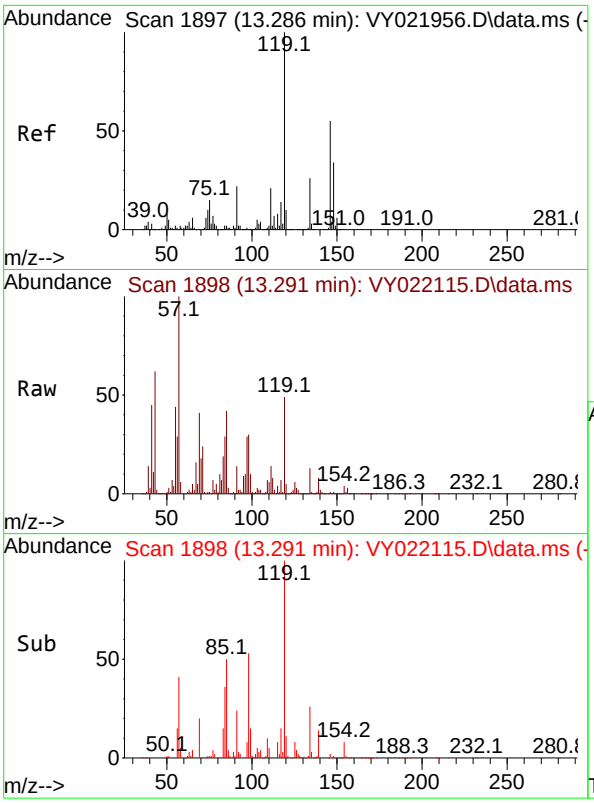


#86
p-Isopropyltoluene
Concen: 302.642 ug/l
RT: 13.297 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:119 Resp: 7035572

Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.7
91	24.9	11.0	33.0

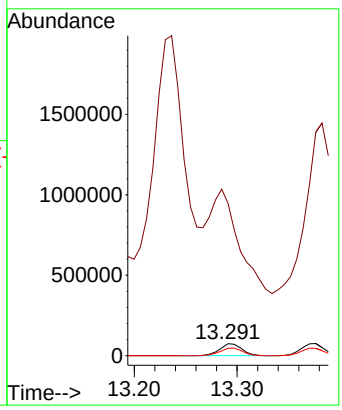




#87
1,3-Dichlorobenzene
Concen: 8.616 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:146 Resp: 11195

Ion	Ratio	Lower	Upper
146	100		
111	1107.1	19.1	57.5
148	64.1	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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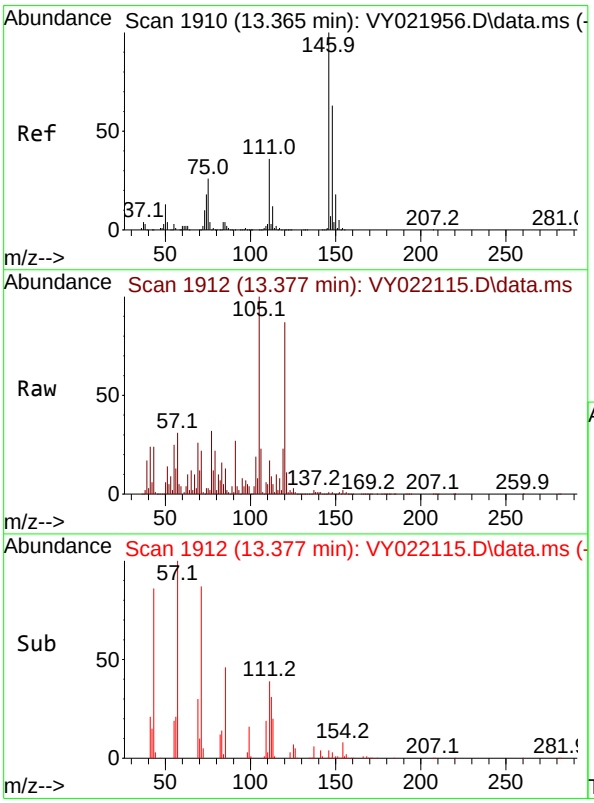
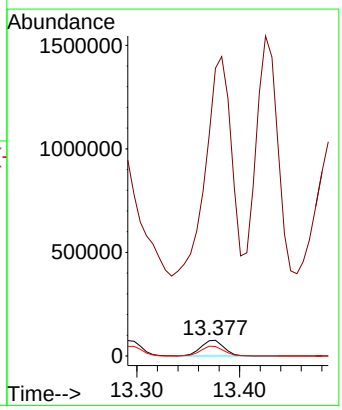
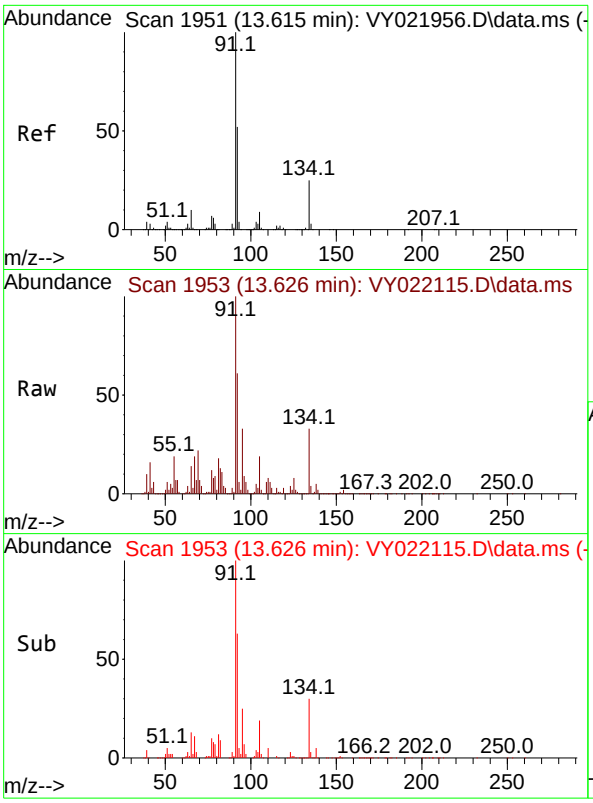


#88
1,4-Dichlorobenzene
Concen: 9.156 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.012 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:146 Resp: 117831

Ion	Ratio	Lower	Upper
146	100		
111	1533.3	19.2	57.6#
148	62.0	32.0	96.0

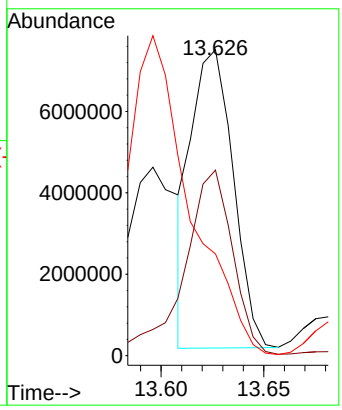




#89
n-Butylbenzene
Concen: 499.285 ug/l
RT: 13.626 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 91 Resp:1037469

Ion	Ratio	Lower	Upper
91	100		
92	70.9	26.5	79.5
134	0.0	13.4	40.1#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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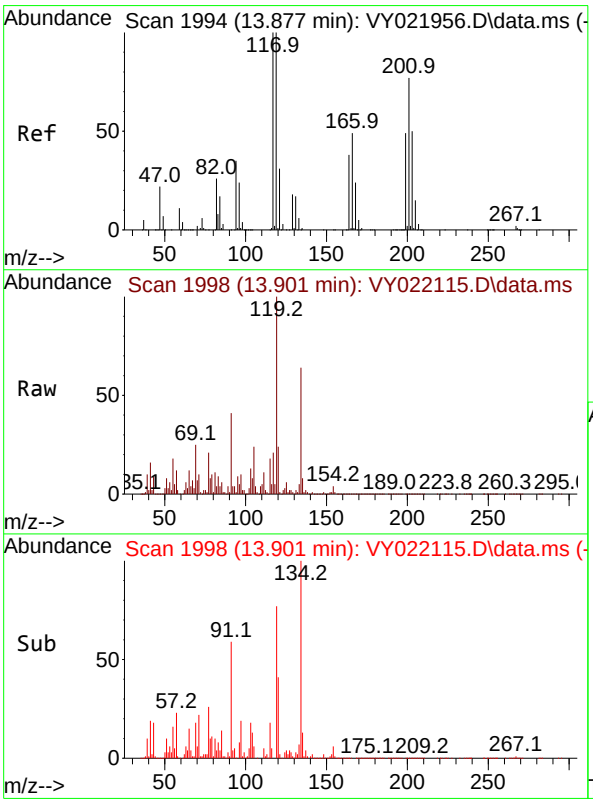
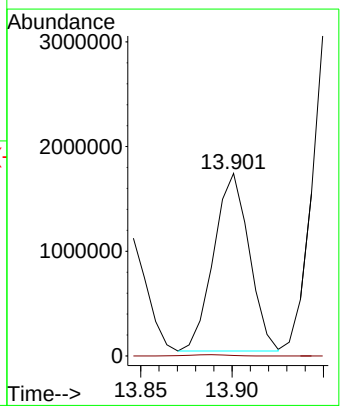
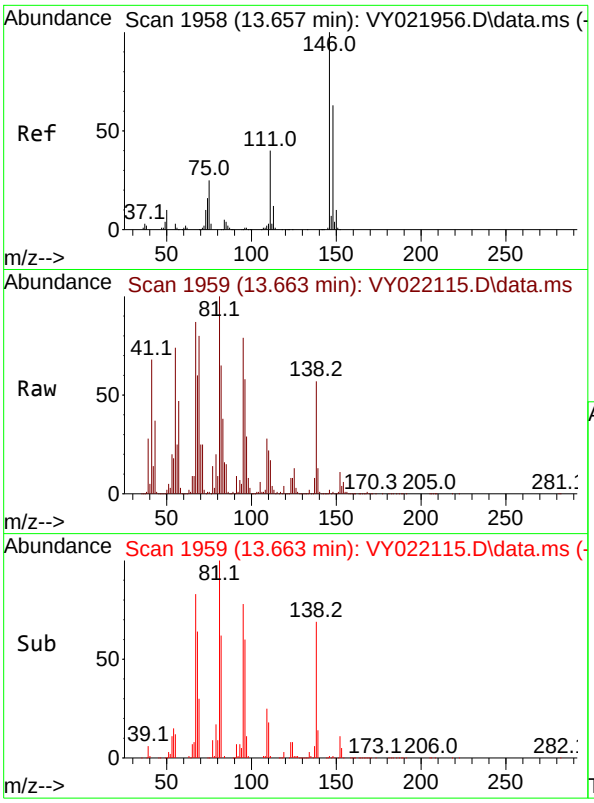


#90
Hexachloroethane
Concen: 449.011 ug/l
RT: 13.901 min Scan# 1998
Delta R.T. 0.024 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:117 Resp: 2293377

Ion	Ratio	Lower	Upper
117	100		
201	0.8	38.7	116.1#





#91
1,2-Dichlorobenzene
Concen: 8.655 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:146 Resp: 9809

Ion	Ratio	Lower	Upper
146	100		
111	2068.8	19.7	59.1
148	63.3	32.1	96.3

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

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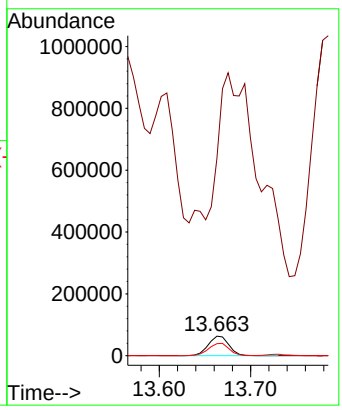
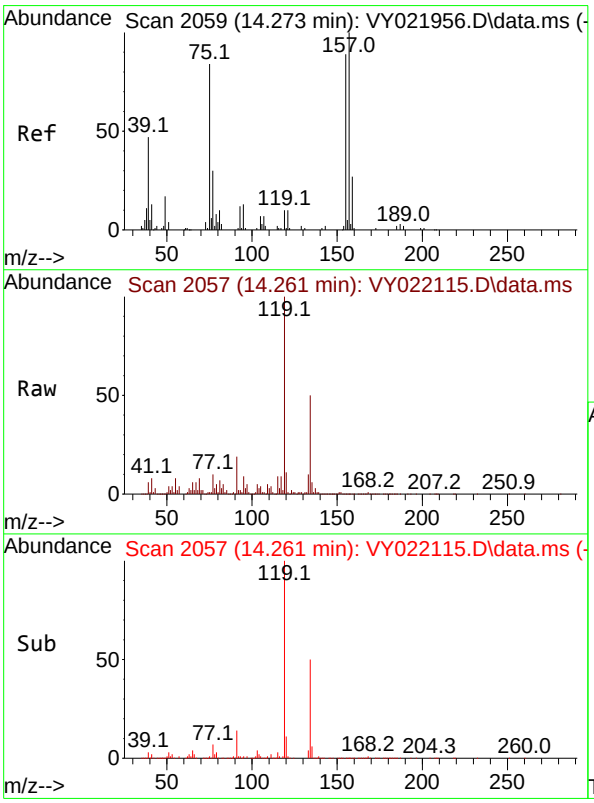
Supervised By :Mahesh Dadoda 05/15/2025

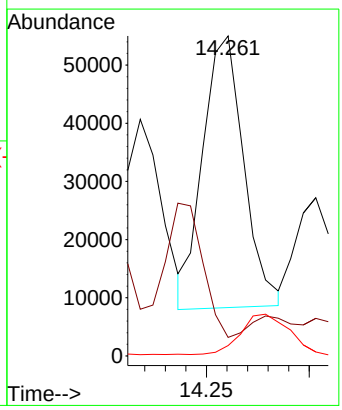


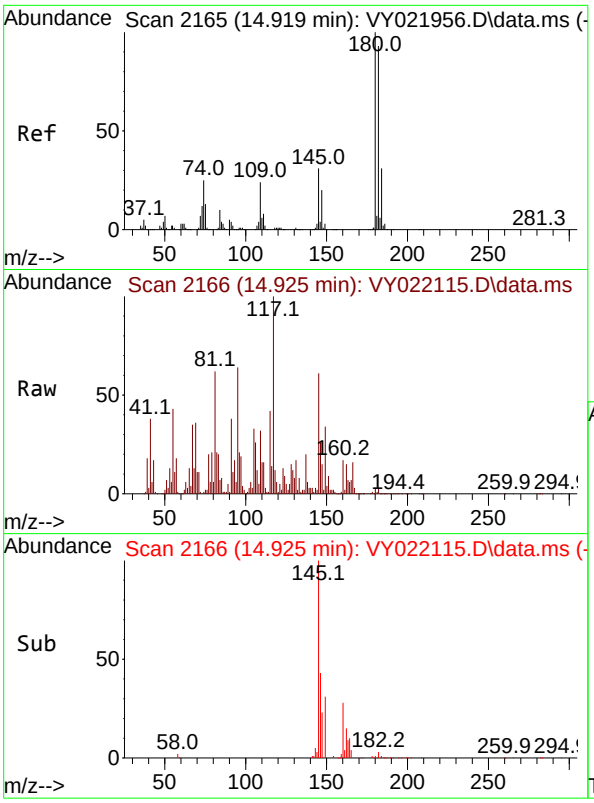


#92
1,2-Dibromo-3-Chloropropane
Concen: 95.272 ug/l
RT: 14.261 min Scan# 2057
Delta R.T. -0.013 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion: 75 Resp: 64701

Ion	Ratio	Lower	Upper
75	100		
155	5.7	50.7	152.3#
157	18.2	62.6	187.8#

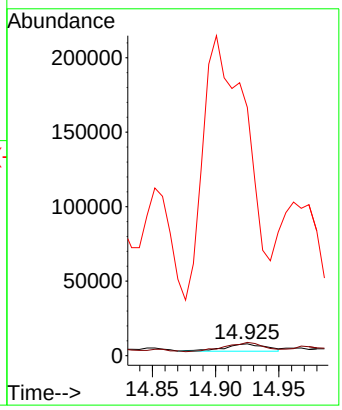




#93
1,2,4-Trichlorobenzene
Concen: 1.700 ug/l
RT: 14.925 min Scan# 2
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:180 Resp: 1091

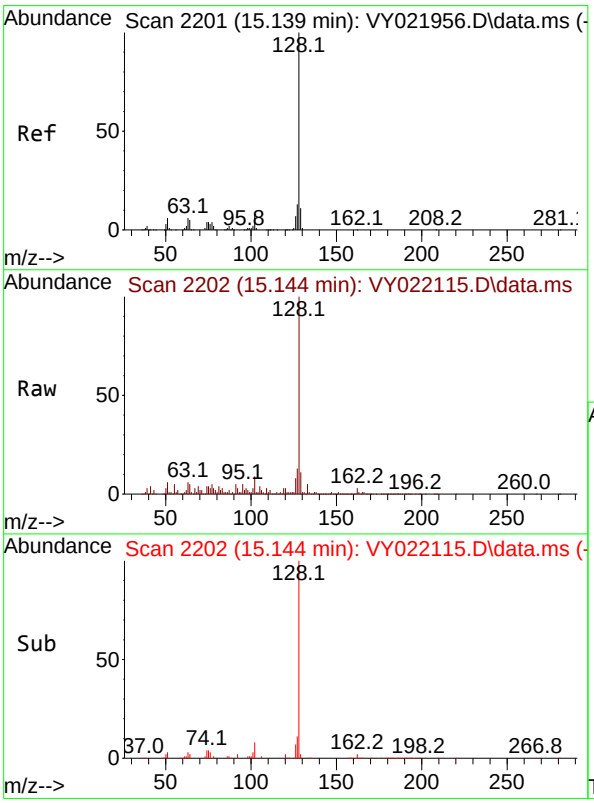
Ion	Ratio	Lower	Upper
180	100		
182	123.2	47.1	141.4
145	0.0	15.0	45.0#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

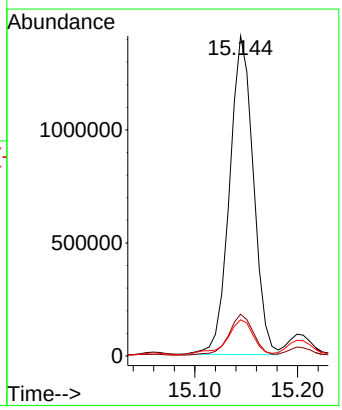
Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

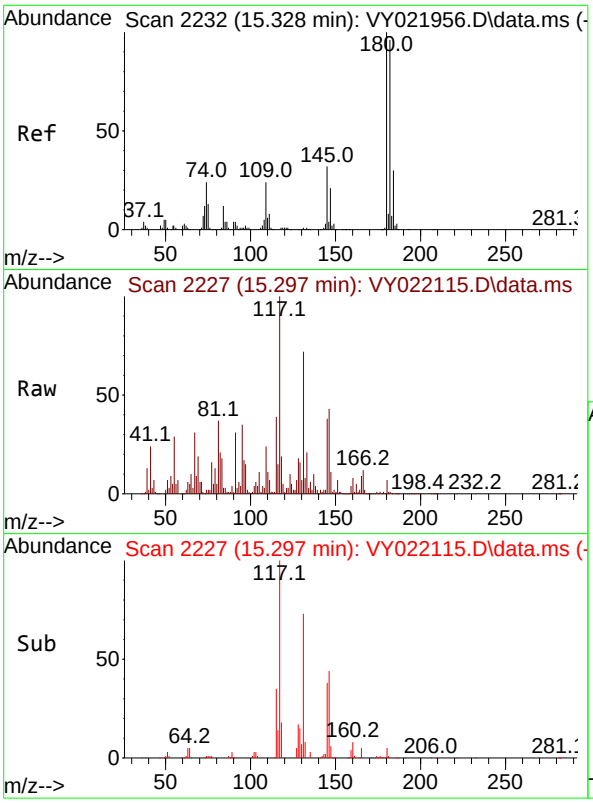


#95
Naphthalene
Concen: 213.542 ug/l
RT: 15.144 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:128 Resp: 2278114

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.9	8.9	13.3

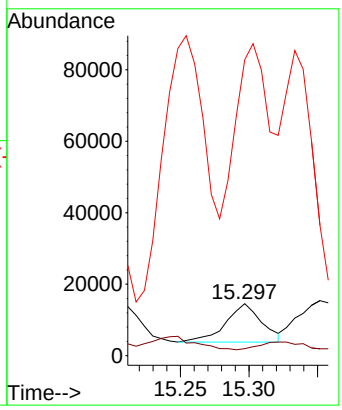




#96
1,2,3-Trichlorobenzene
Concen: 3.546 ug/l
RT: 15.297 min Scan# 2
Delta R.T. -0.031 min
Lab File: VY022115.D
Acq: 01 May 2025 18:23

Tgt Ion:180 Resp: 1965

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	616.1	16.0	48.0#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MS

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

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

Report of Analysis

Client:	CDM Smith	Date Collected:	04/28/25
Project:	Con Ed UTEN Mount Vernon, NY	Date Received:	04/29/25
Client Sample ID:	SS-8MSD	SDG No.:	Q1914
Lab Sample ID:	Q1914-11MSD	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	92.4
Sample Wt/Vol:	7.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022116.D	1		05/01/25 18:46	VY050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
71-43-2	Benzene	46.5		0.55	3.50	ug/Kg
108-88-3	Toluene	440	E	0.55	3.50	ug/Kg
100-41-4	Ethyl Benzene	1100	E	0.47	3.50	ug/Kg
1330-20-7	Total Xylenes	6500	E	1.44	10.5	ug/Kg
98-82-8	Isopropylbenzene	230	E	0.55	3.50	ug/Kg
103-65-1	n-propylbenzene	420	E	0.51	3.50	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	580	E	0.57	3.50	ug/Kg
98-06-6	tert-Butylbenzene	8.80		0.47	3.50	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	830	E	0.45	3.50	ug/Kg
135-98-8	sec-Butylbenzene	260	E	0.46	3.50	ug/Kg
99-87-6	p-Isopropyltoluene	180	E	0.43	3.50	ug/Kg
104-51-8	n-Butylbenzene	320	E	1.00	3.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.9		63 - 155	98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	76.8	*	74 - 123	154%	SPK: 50
460-00-4	4-Bromofluorobenzene	170	*	38 - 136	336%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	322000	7.707			
540-36-3	1,4-Difluorobenzene	520000	8.615			
3114-55-4	Chlorobenzene-d5	313000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	398000	13.352			

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_Y\Data\VY050125\
Data File : VY022116.D
Acq On : 01 May 2025 18:46
Operator : SY/MD
Sample : Q1914-11MSD
Misc : 7.73g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 02 01:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.707	168	321965	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.615	114	519584	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	313382	50.000	ug/l	#	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	398456m	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.060	65	145376	48.883	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 97.760%				
35) Dibromofluoromethane	7.634	113	171751	50.035	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.060%				
50) Toluene-d8	10.109	98	994087	76.816	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 153.640%#				
62) 4-Bromofluorobenzene	12.401	95	732478	168.135	ug/l		0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 336.260%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.866	85	169287	61.706	ug/l		97
3) Chloromethane	2.068	50	198857	50.905	ug/l		99
4) Vinyl Chloride	2.202	62	242510	50.519	ug/l		99
5) Bromomethane	2.598	94	182544	44.138	ug/l		97
6) Chloroethane	2.738	64	161289	49.334	ug/l		97
7) Trichlorofluoromethane	3.055	101	327892	51.799	ug/l		96
8) Diethyl Ether	3.458	74	102320	62.104	ug/l		98
9) 1,1,2-Trichlorotrifluo...	3.817	101	145394	42.341	ug/l		94
10) Methyl Iodide	4.006	142	283974	71.427	ug/l		98
11) Tert butyl alcohol	4.866	59	48758	298.641	ug/l	#	70
12) 1,1-Dichloroethene	3.787	96	195345	61.032	ug/l		97
13) Acrolein	3.653	56	31852	108.698	ug/l		99
14) Allyl chloride	4.384	41	221038	59.310	ug/l		98
15) Acrylonitrile	5.061	53	169189	280.504	ug/l		97
16) Acetone	3.872	43	160583	427.713	ug/l		96
17) Carbon Disulfide	4.104	76	474845	46.529	ug/l		99
18) Methyl Acetate	4.384	43	106448	76.626	ug/l		98
19) Methyl tert-butyl Ether	5.116	73	460759	64.318	ug/l	#	53
20) Methylene Chloride	4.616	84	228413	60.741	ug/l		98
21) trans-1,2-Dichloroethene	5.116	96	200489	55.932	ug/l		99
22) Diisopropyl ether	6.024	45	473393	57.079	ug/l		96
23) Vinyl Acetate	5.963	43	681136m	152.388	ug/l		
24) 1,1-Dichloroethane	5.914	63	337664	58.736	ug/l		98
25) 2-Butanone	6.890	43	200457	295.705	ug/l		100
26) 2,2-Dichloropropane	6.884	77	254691	50.547	ug/l		100
27) cis-1,2-Dichloroethene	6.890	96	239916	59.858	ug/l		96
28) Bromochloromethane	7.243	49	118270	52.966	ug/l		89
29) Tetrahydrofuran	7.262	42	116016	263.505	ug/l		93
30) Chloroform	7.420	83	358724	56.255	ug/l		98
31) Cyclohexane	7.701	56	1038730	211.291	ug/l		96
32) 1,1,1-Trichloroethane	7.621	97	274489	47.579	ug/l		99
36) 1,1-Dichloropropene	7.835	75	182624	39.607	ug/l		98
37) Ethyl Acetate	6.987	43	80140	48.393	ug/l	#	96
38) Carbon Tetrachloride	7.823	117	211604	38.405	ug/l		97
39) Methylcyclohexane	9.109	83	5524712	952.103	ug/l		96
40) Benzene	8.079	78	956992	66.395	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022116.D
Acq On : 01 May 2025 18:46
Operator : SY/MD
Sample : Q1914-11MSD
Misc : 7.73g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 02 01:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	41694	46.057	ug/l	#	81
42) 1,2-Dichloroethane	8.158	62	188807	52.907	ug/l	#	71
43) Isopropyl Acetate	8.195	43	272059	85.546	ug/l	#	83
44) Trichloroethene	8.865	130	162469	40.695	ug/l		100
45) 1,2-Dichloropropane	9.139	63	199420	62.563	ug/l		91
46) Dibromomethane	9.231	93	97217	48.722	ug/l		92
47) Bromodichloromethane	9.420	83	283525	56.879	ug/l		99
48) Methyl methacrylate	9.219	41	64943	44.173	ug/l	#	87
49) 1,4-Dioxane	9.225	88	22507	1058.294	ug/l	#	69
51) 4-Methyl-2-Pentanone	9.999	43	441631	264.904	ug/l		98
52) Toluene	10.170	92	5889121	631.195	ug/l		94
53) t-1,3-Dichloropropene	10.395	75	198743	46.483	ug/l		93
54) cis-1,3-Dichloropropene	9.859	75	244107	48.029	ug/l	#	83
55) 1,1,2-Trichloroethane	10.548	97	3417196	1282.090	ug/l	#	21
56) Ethyl methacrylate	10.450	69	1222245	401.003	ug/l	#	67
57) 1,3-Dichloropropane	10.718	76	203245	47.566	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	403206	270.562	ug/l		98
59) 2-Hexanone	10.737	43	2730417	2483.061	ug/l	#	18
60) Dibromochloromethane	10.914	129	162273	43.975	ug/l		83
61) 1,2-Dibromoethane	11.017	107	118844	47.231	ug/l		89
64) Tetrachloroethene	10.645	164	87487	29.593	ug/l		97
65) Chlorobenzene	11.444	112	329535	47.023	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	129485	52.482	ug/l		99
67) Ethyl Benzene	11.517	91	18528564	1616.239	ug/l	#	54
68) m/p-Xylenes	11.621	106	22839702m	5006.751	ug/l		
69) o-Xylene	11.950	106	17986926	4277.987	ug/l	#	1
70) Styrene	11.962	104	1682772	238.369	ug/l	#	1
71) Bromoform	12.133	173	88904	61.979	ug/l	#	99
73) Isopropylbenzene	12.261	105	8599257	323.025	ug/l		98
74) N-amyl acetate	12.060	43	6167681	1348.493	ug/l	#	52
75) 1,1,2,2-Tetrachloroethane	12.462	83	877071	195.416	ug/l	#	15
76) 1,2,3-Trichloropropane	12.560	75	148207	43.425	ug/l	#	100
77) Bromobenzene	12.535	156	125890	18.715	ug/l	#	19
78) n-propylbenzene	12.590	91	19012528	599.714	ug/l	#	72
79) 2-Chlorotoluene	12.669	91	15828654	858.524	ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.736	105	18265916	832.754	ug/l		74
81) trans-1,4-Dichloro-2-b...	12.304	75	41151	29.036	ug/l	#	1
82) 4-Chlorotoluene	12.749	91	2468473	128.795	ug/l	#	46
83) tert-Butylbenzene	13.005	119	246795m	12.546	ug/l		
84) 1,2,4-Trimethylbenzene	13.035	105	25899369m	1180.498	ug/l		
85) sec-Butylbenzene	13.181	105	10672551	370.757	ug/l		82
86) p-Isopropyltoluene	13.297	119	6381079	261.054	ug/l		97
87) 1,3-Dichlorobenzene	13.291	146	141913	10.387	ug/l	#	1
88) 1,4-Dichlorobenzene	13.370	146	151433	11.192	ug/l	#	1
89) n-Butylbenzene	13.626	91	10127578	463.538	ug/l	#	65
90) Hexachloroethane	13.901	117	2571936	478.904	ug/l	#	12
91) 1,2-Dichlorobenzene	13.663	146	134803	11.313	ug/l	#	1
92) 1,2-Dibromo-3-Chloropr...	14.261	75	94352	132.134	ug/l	#	8
93) 1,2,4-Trichlorobenzene	14.919	180	17698	2.621	ug/l	#	75
95) Naphthalene	15.145	128	2827247	252.046	ug/l		99
96) 1,2,3-Trichlorobenzene	15.352	180	18935	3.248	ug/l	#	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022116.D
Acq On : 01 May 2025 18:46
Operator : SY/MD
Sample : Q1914-11MSD
Misc : 7.73g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Quant Time: May 02 01:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
Data File : VY022116.D
Acq On : 01 May 2025 18:46
Operator : SY/MD
Sample : Q1914-11MSD
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Quant Time: May 02 01:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
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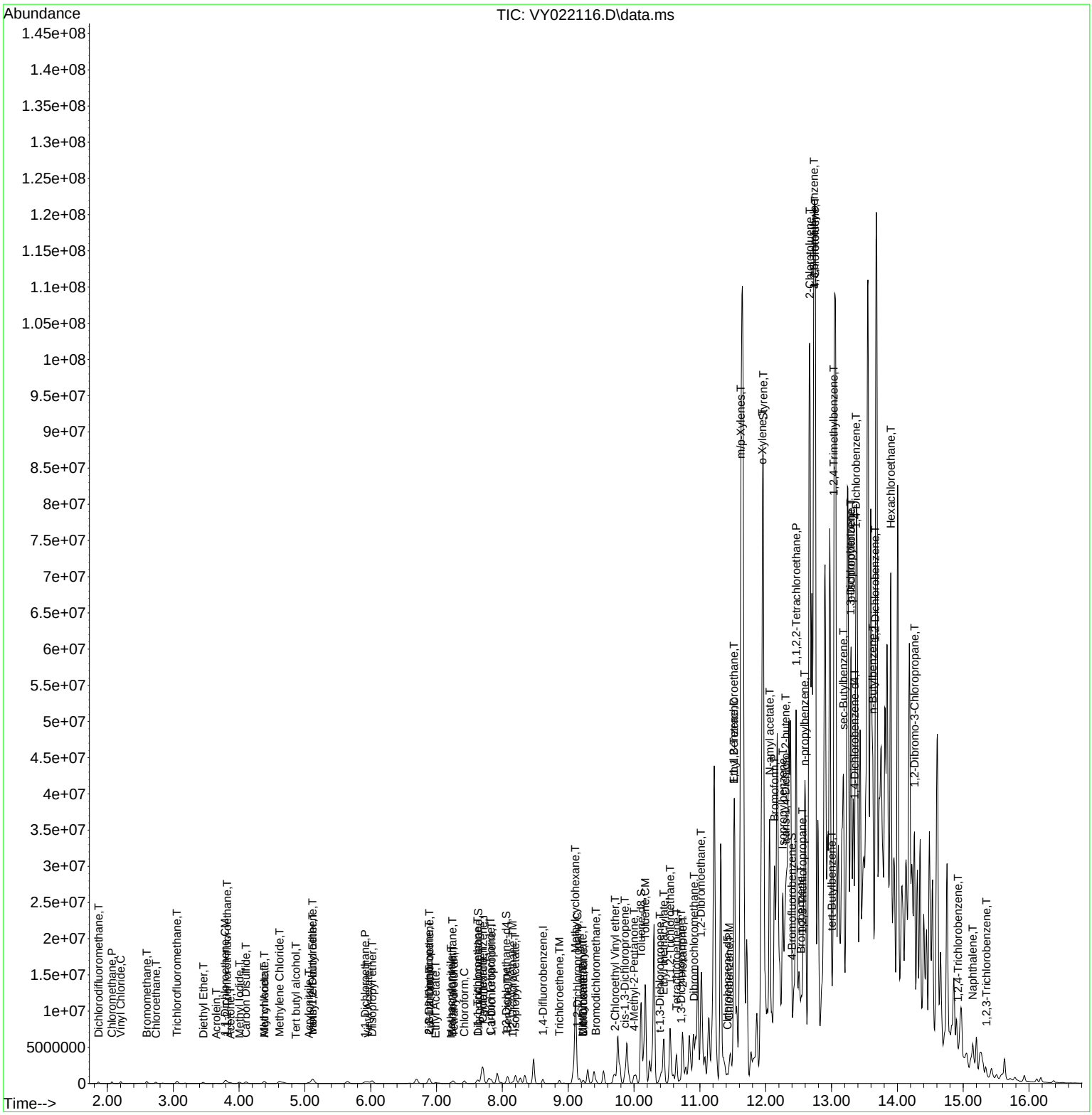

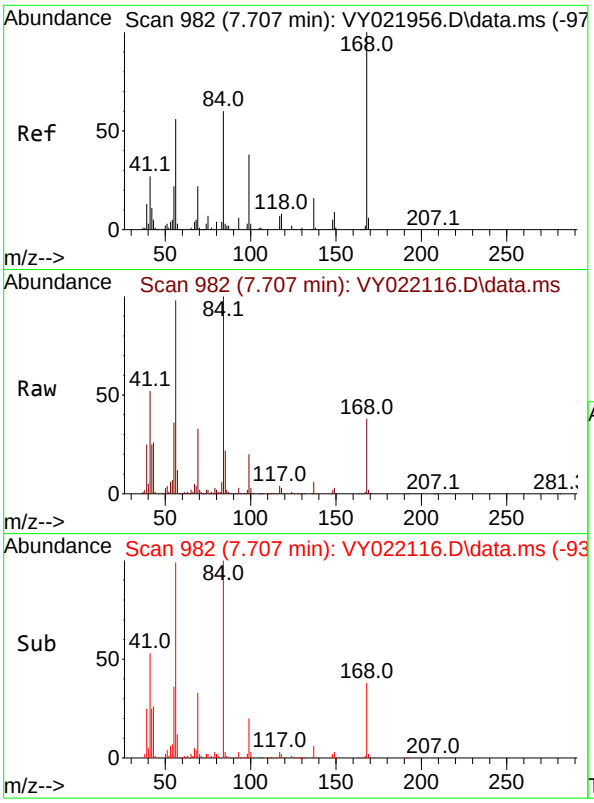

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:168 Resp: 32196

Ion	Ratio	Lower	Upper
168	100		
99	51.5	43.1	64.7

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/05/2025
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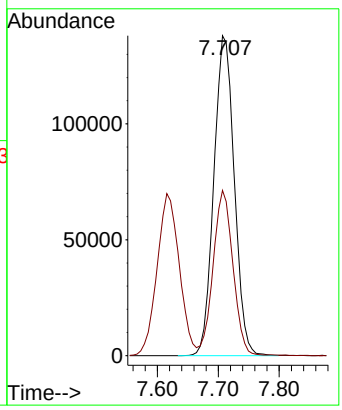
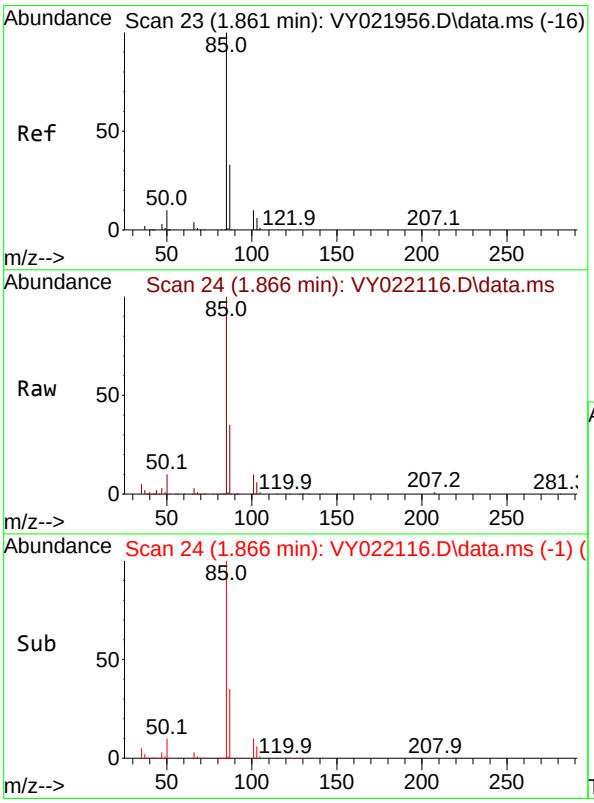
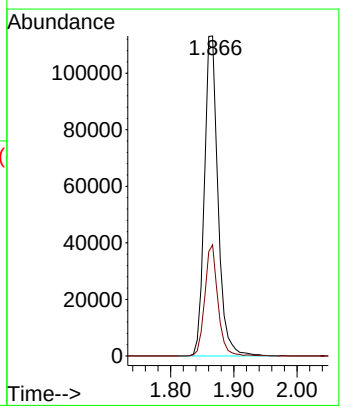


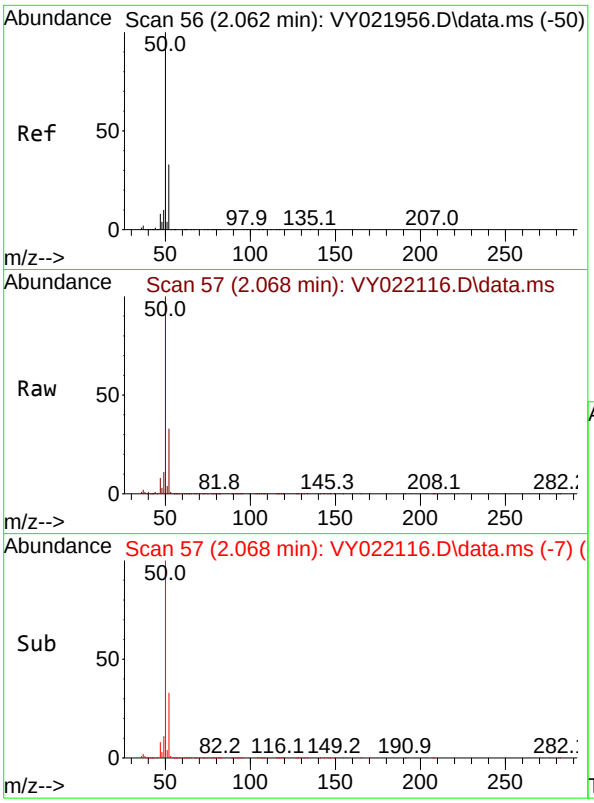


#2
Dichlorodifluoromethane
Concen: 61.706 ug/l
RT: 1.866 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 85 Resp: 169287

Ion	Ratio	Lower	Upper
85	100		
87	34.8	16.6	49.7

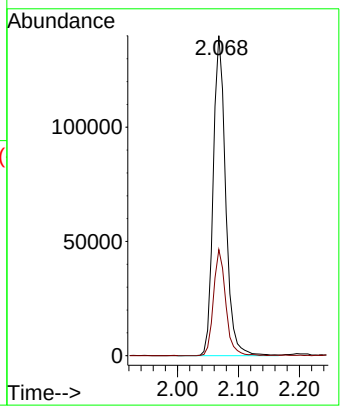




#3
Chloromethane
Concen: 50.905 ug/l
RT: 2.068 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 50 Resp: 19885

Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.1	39.1



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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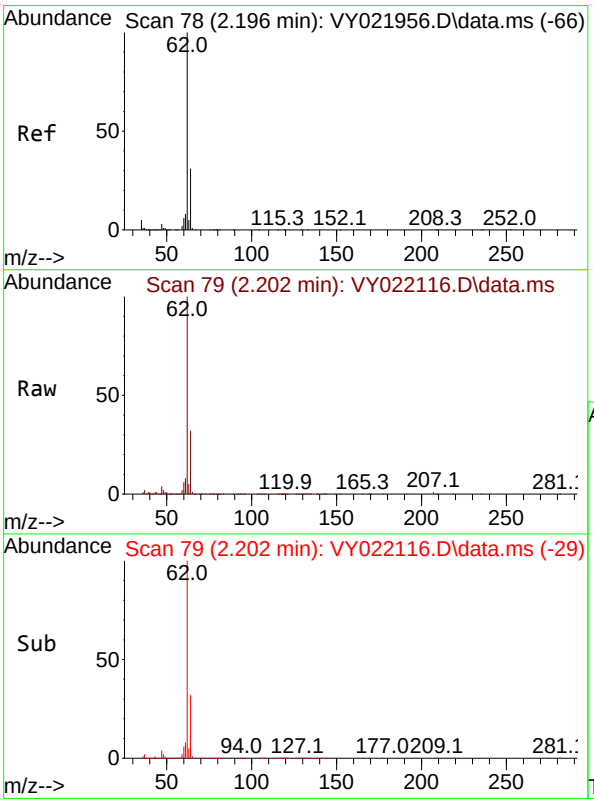
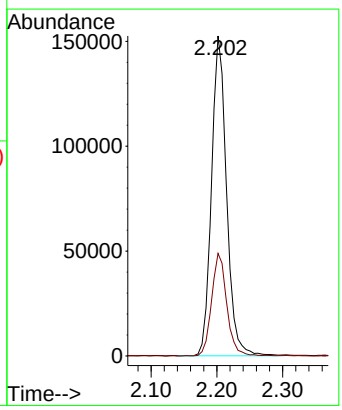
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

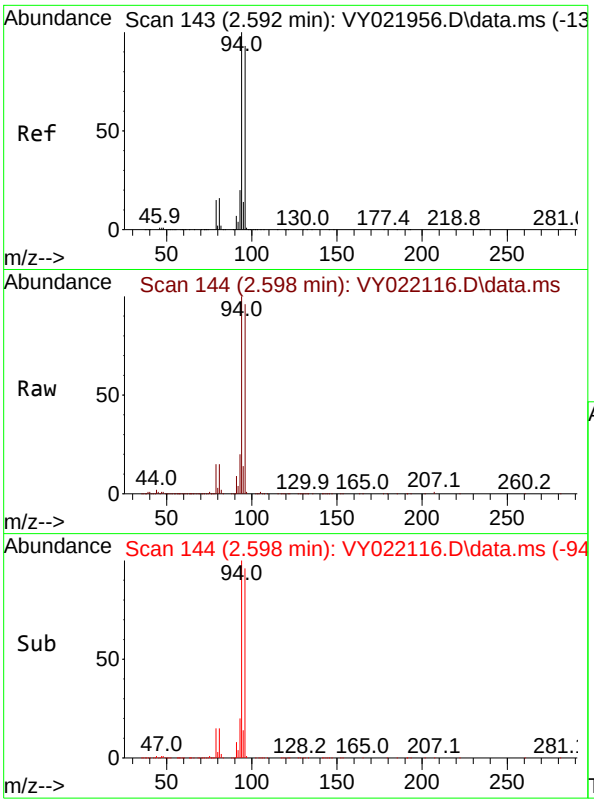


#4
Vinyl Chloride
Concen: 50.519 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 62 Resp: 242510

Ion	Ratio	Lower	Upper
62	100		
64	32.0	25.1	37.7

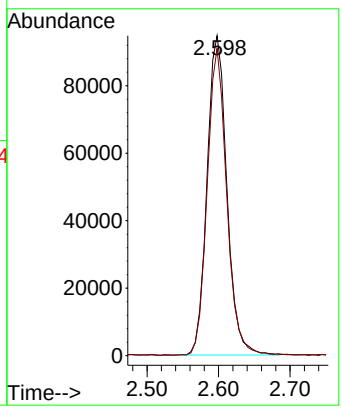




#5
Bromomethane
Concen: 44.138 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 94 Resp: 18254

Ion	Ratio	Lower	Upper
94	100		
96	96.0	74.6	111.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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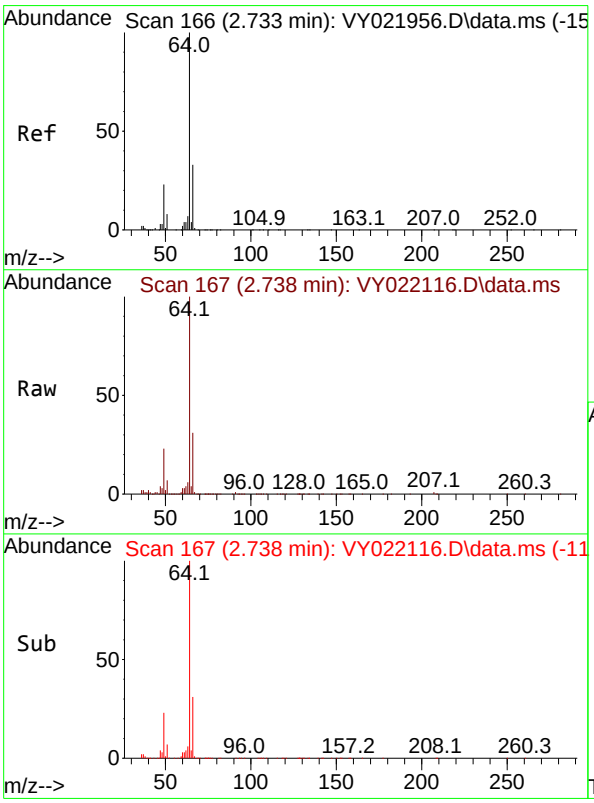
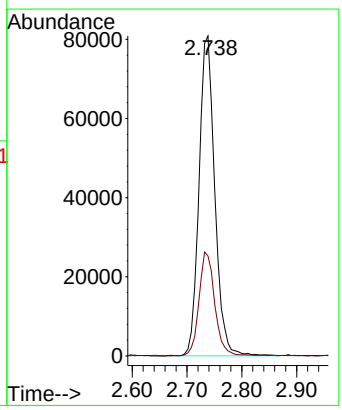
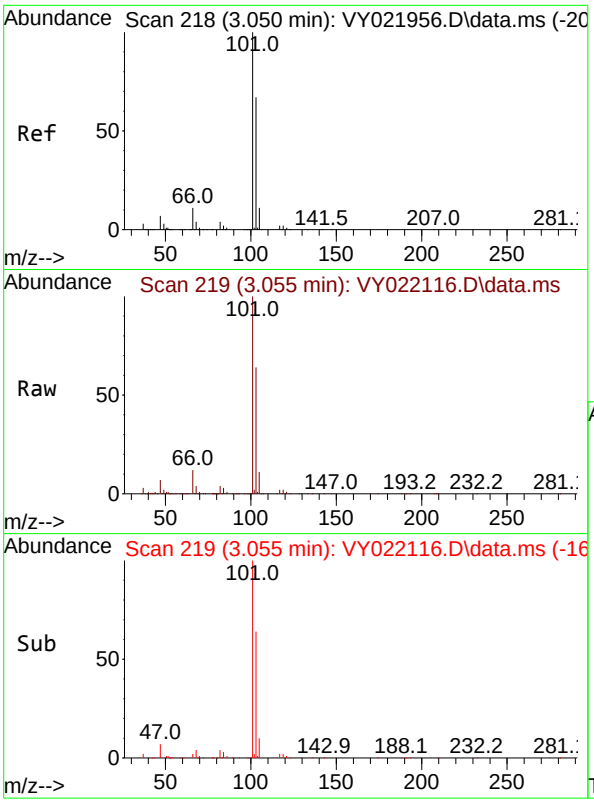


#6
Chloroethane
Concen: 49.334 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 64 Resp: 161289

Ion	Ratio	Lower	Upper
64	100		
66	31.2	26.2	39.4

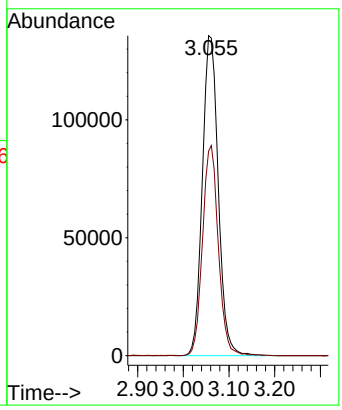




#7
Trichlorofluoromethane
Concen: 51.799 ug/l
RT: 3.055 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:101 Resp: 32789

Ion	Ratio	Lower	Upper
101	100		
103	64.0	53.6	80.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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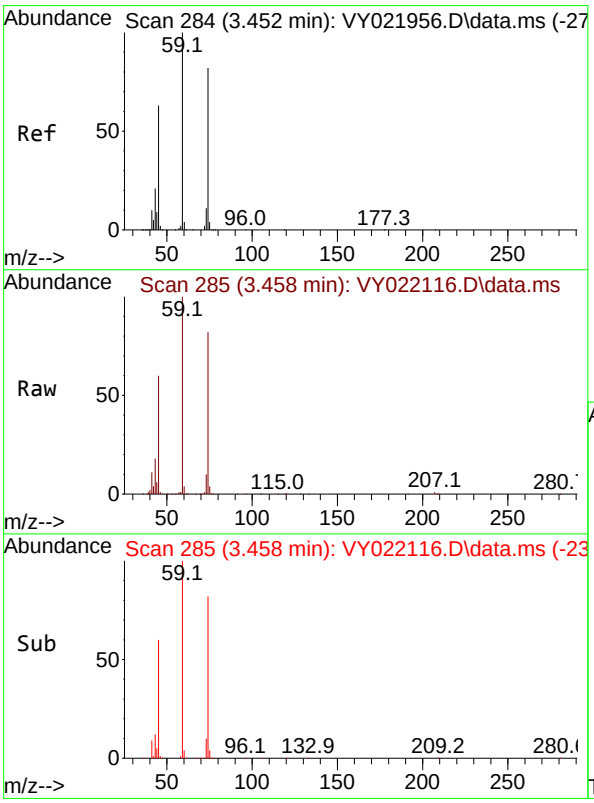
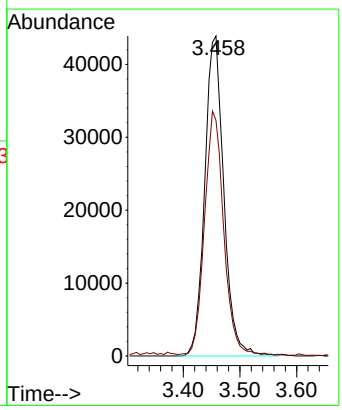
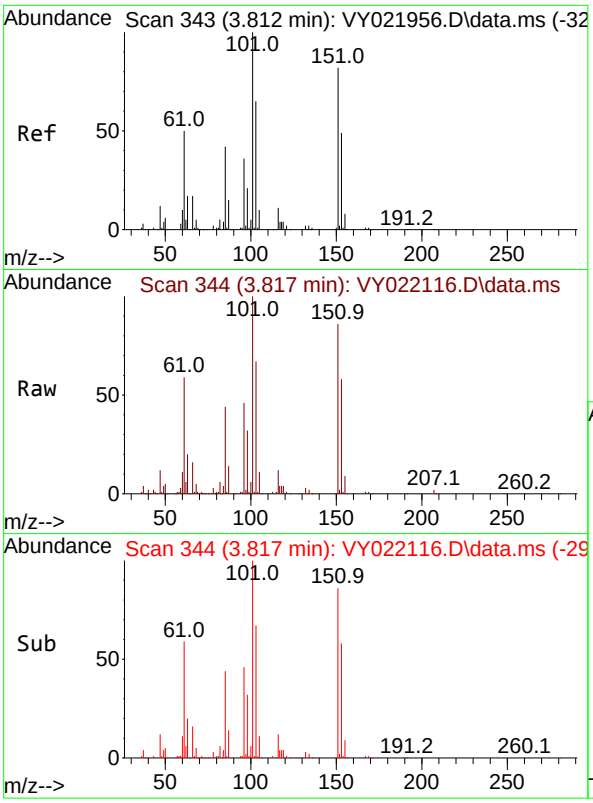


#8
Diethyl Ether
Concen: 62.104 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 74 Resp: 102320

Ion	Ratio	Lower	Upper
74	100		
45	76.3	39.1	117.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.341 ug/l
RT: 3.817 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:101 Resp: 14539

Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.6	51.8
151	87.0	63.7	95.5

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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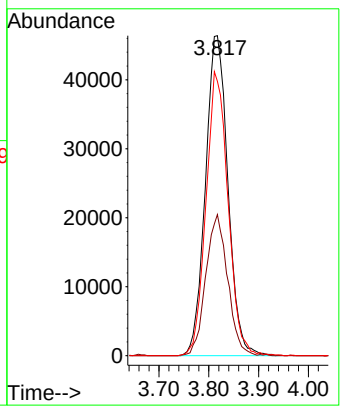
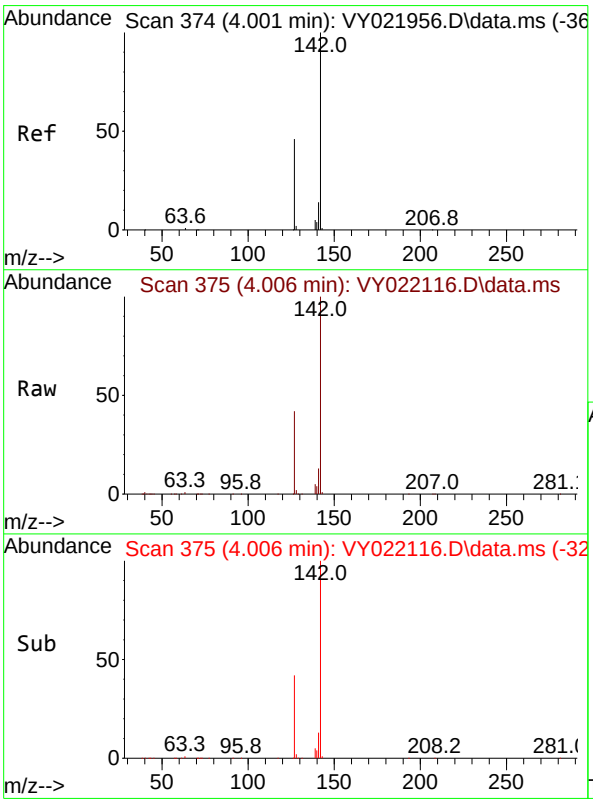
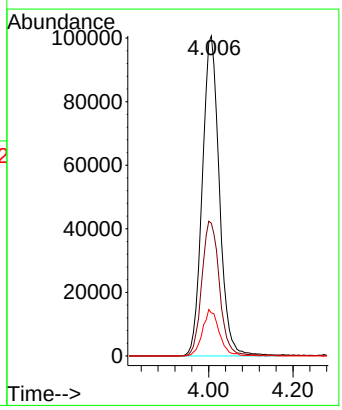


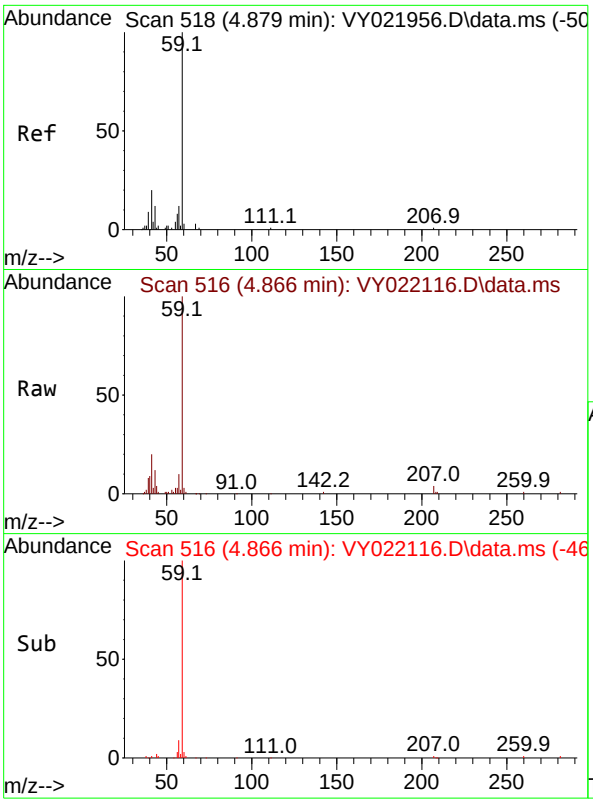


#10
Methyl Iodide
Concen: 71.427 ug/l
RT: 4.006 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:142 Resp: 283974

Ion	Ratio	Lower	Upper
142	100		
127	43.4	36.2	54.2
141	14.1	11.7	17.5

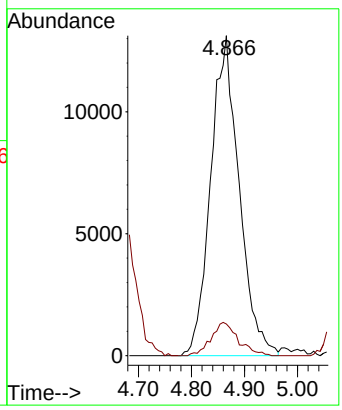




#11
Tert butyl alcohol
Concen: 298.641 ug/l
RT: 4.866 min Scan# 5
Delta R.T. -0.013 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 59 Resp: 4875

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9



Instrument :
MSVOA_Y
ClientSampleId :
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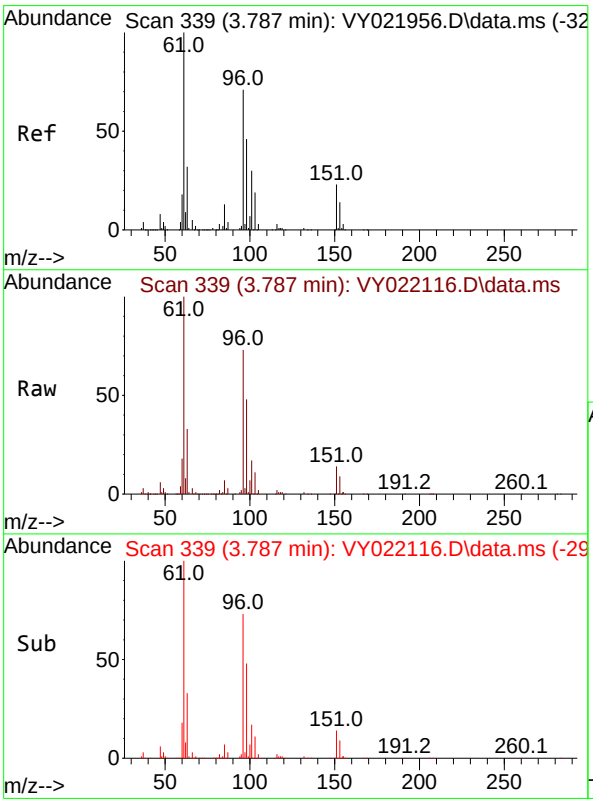
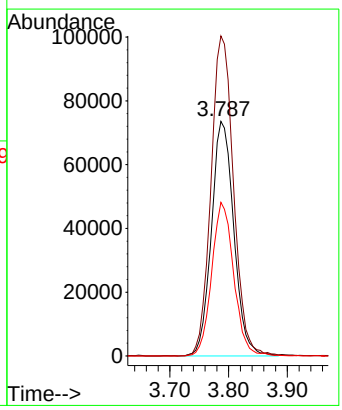
Supervised By :Mahesh Dadoda 05/05/2025

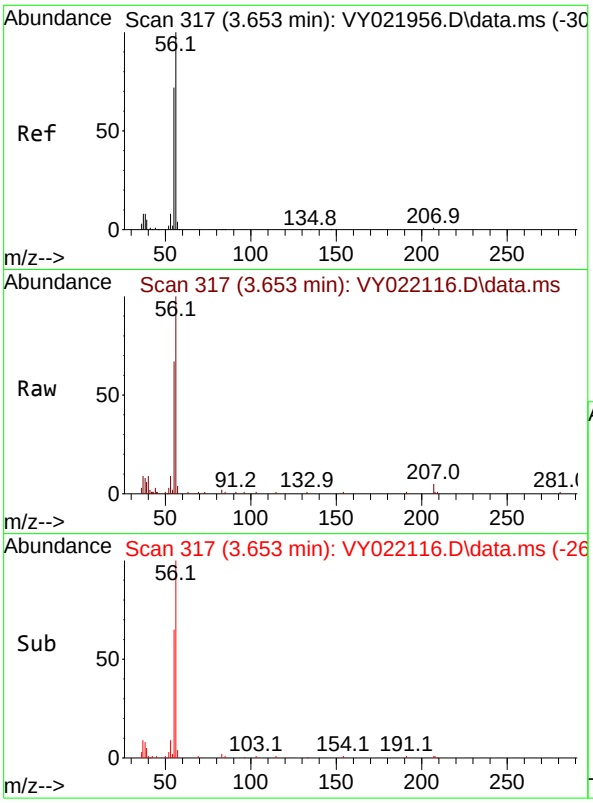


#12
1,1-Dichloroethene
Concen: 61.032 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 96 Resp: 195345

Ion	Ratio	Lower	Upper
96	100		
61	136.4	113.0	169.4
98	65.5	51.4	77.2





#13
Acrolein
Concen: 108.698 ug/l
RT: 3.653 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 56 Resp: 3185

Ion	Ratio	Lower	Upper
56	100		
55	72.4	57.4	86.0

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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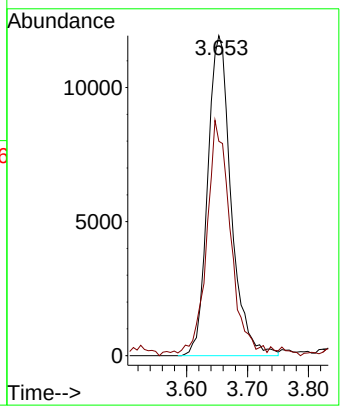
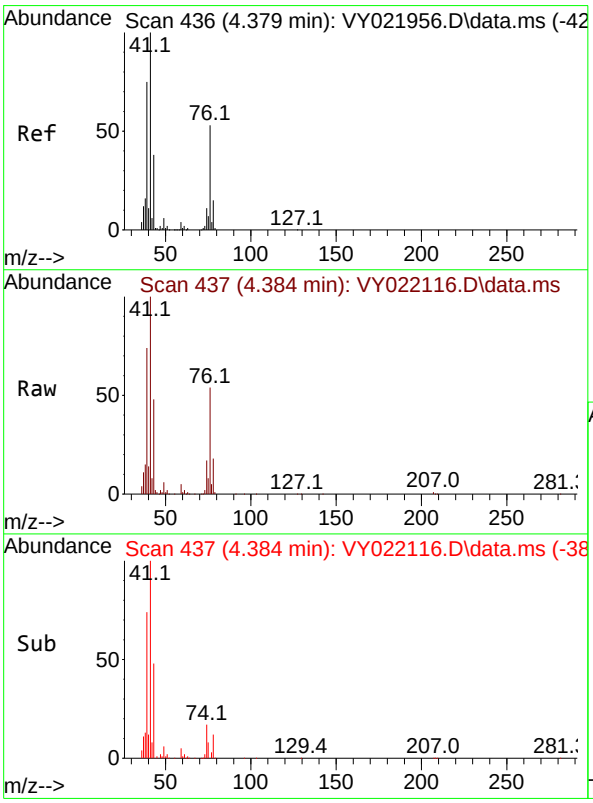
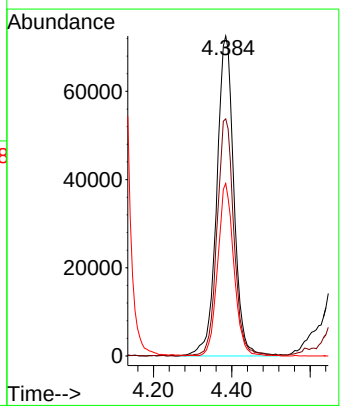


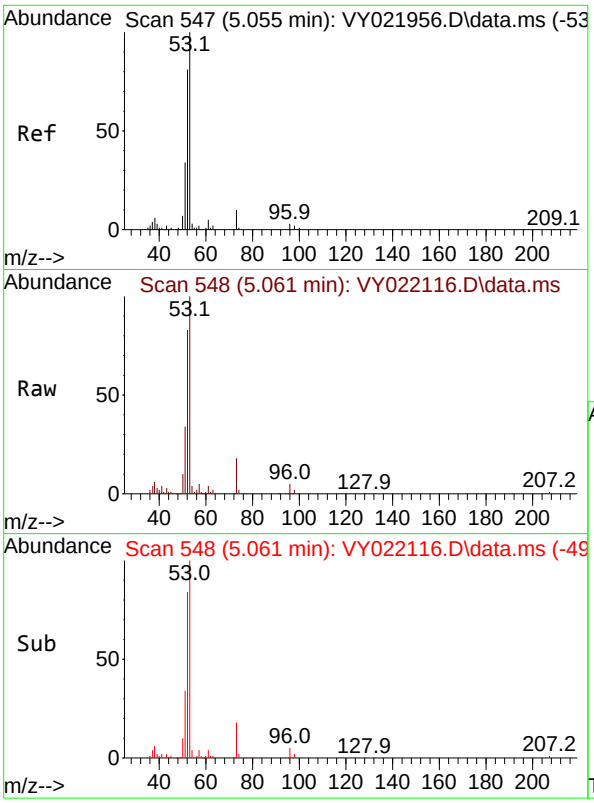


#14
Allyl chloride
Concen: 59.310 ug/l
RT: 4.384 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 41 Resp: 221038

Ion	Ratio	Lower	Upper
41	100		
39	73.0	57.2	85.8
76	50.9	39.7	59.5





#15
Acrylonitrile
Concen: 280.504 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 53 Resp: 16918

Ion	Ratio	Lower	Upper
53	100		
52	77.6	65.0	97.6
51	36.3	28.9	43.3

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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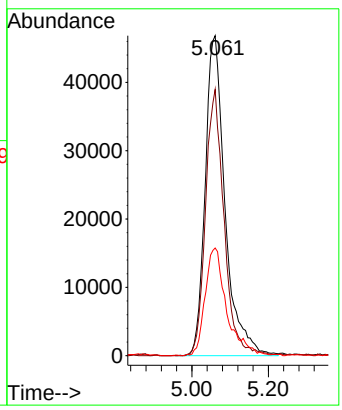
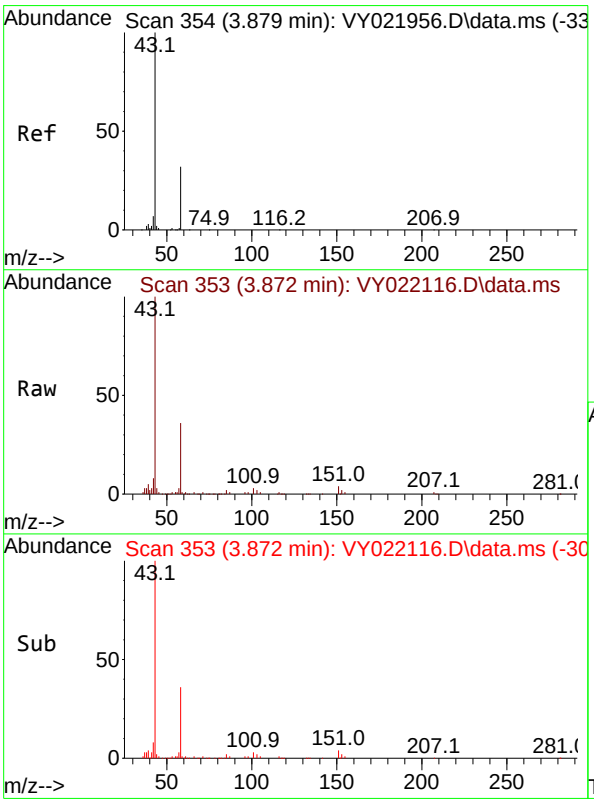
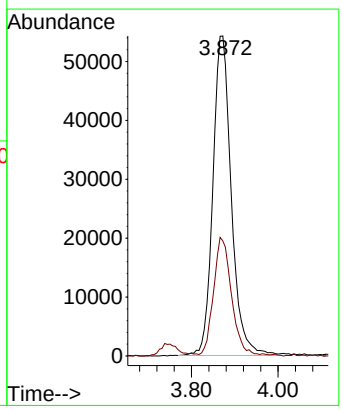


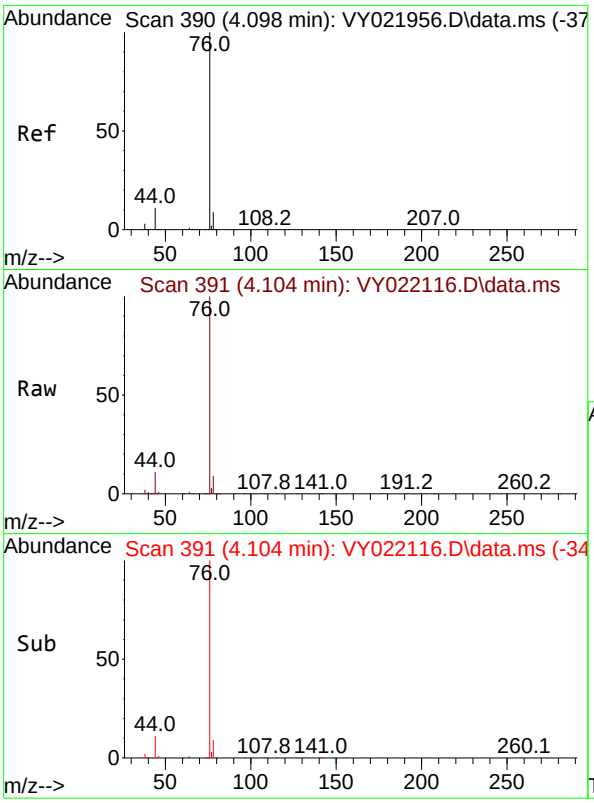


#16
Acetone
Concen: 427.713 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 160583

Ion	Ratio	Lower	Upper
43	100		
58	35.8	27.0	40.4





#17
Carbon Disulfide
Concen: 46.529 ug/l
RT: 4.104 min Scan# 3
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 76 Resp: 47484

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.6	11.4

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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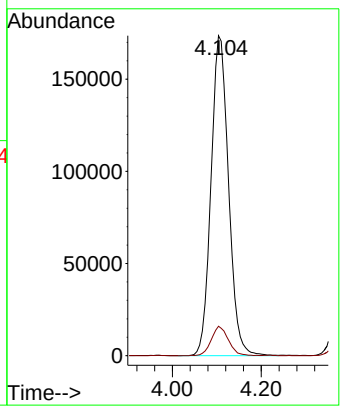
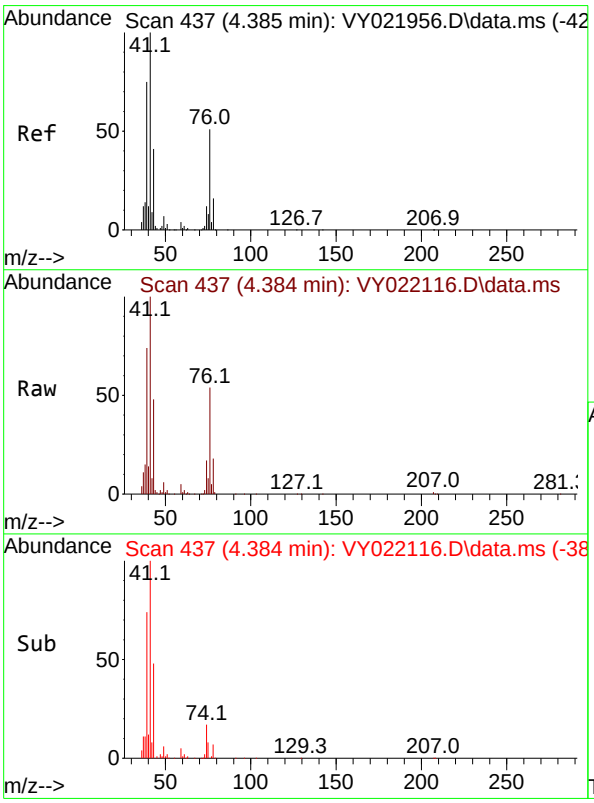
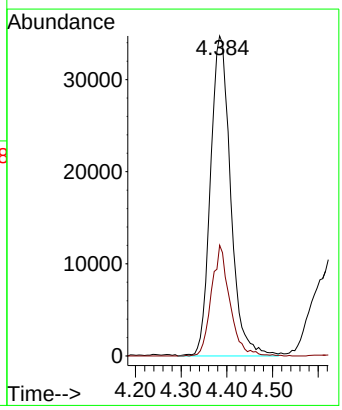


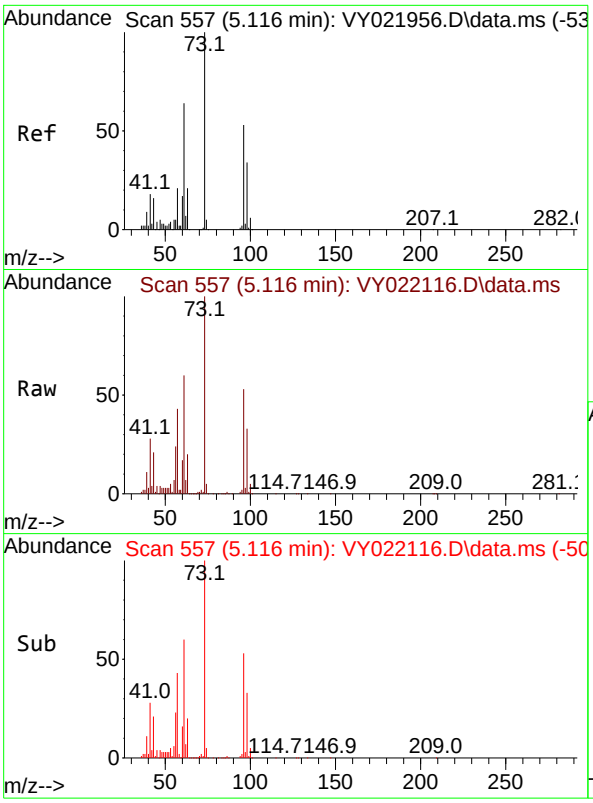


#18
Methyl Acetate
Concen: 76.626 ug/l
RT: 4.384 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 106448

Ion	Ratio	Lower	Upper
43	100		
74	31.5	24.2	36.4

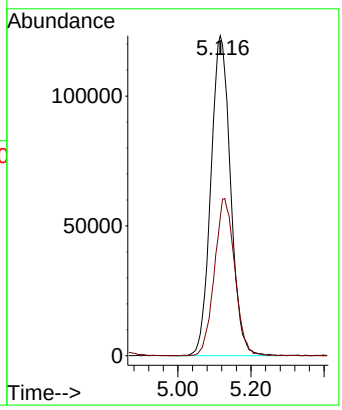




#19
Methyl tert-butyl Ether
Concen: 64.318 ug/l
RT: 5.116 min Scan# 5
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 73 Resp: 46075

Ion	Ratio	Lower	Upper
73	100		
57	43.2	16.9	25.3



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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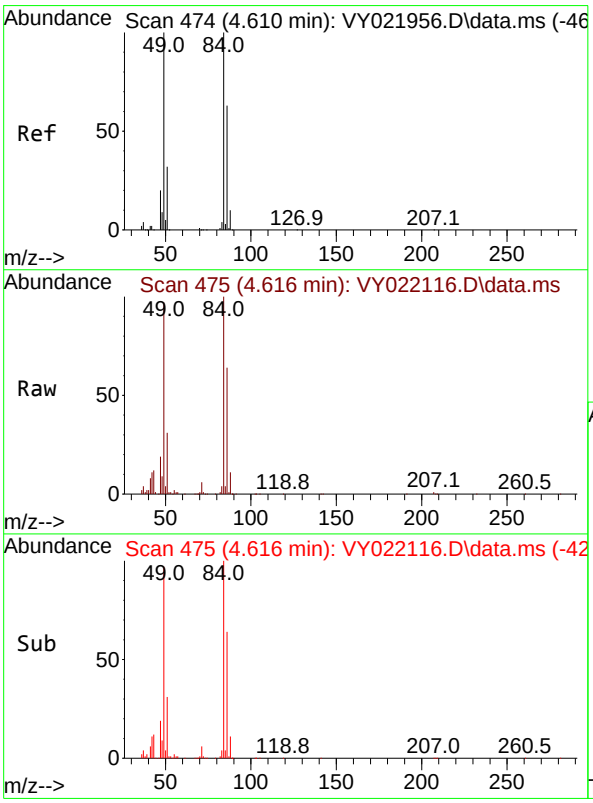
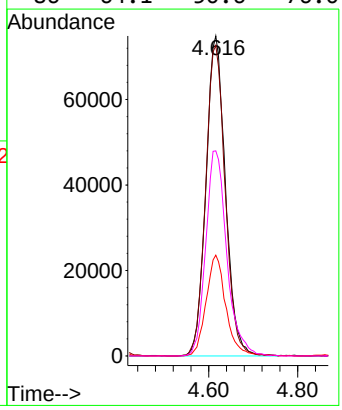
Supervised By :Mahesh Dadoda 05/05/2025

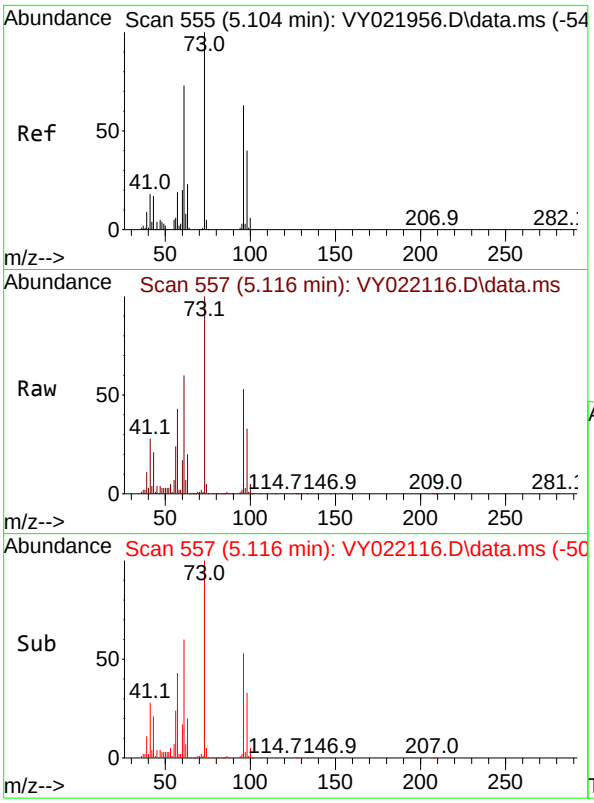


#20
Methylene Chloride
Concen: 60.741 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 84 Resp: 228413

Ion	Ratio	Lower	Upper
84	100		
49	97.1	79.9	119.9
51	31.5	25.4	38.0
86	64.1	50.6	76.0

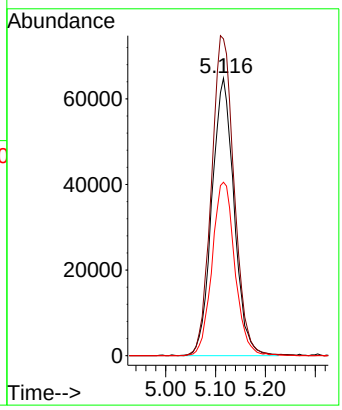




#21
trans-1,2-Dichloroethene
Concen: 55.932 ug/l
RT: 5.116 min Scan# 5
Delta R.T. 0.012 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 96 Resp: 20048

Ion	Ratio	Lower	Upper
96	100		
61	114.2	92.6	138.8
98	62.5	50.2	75.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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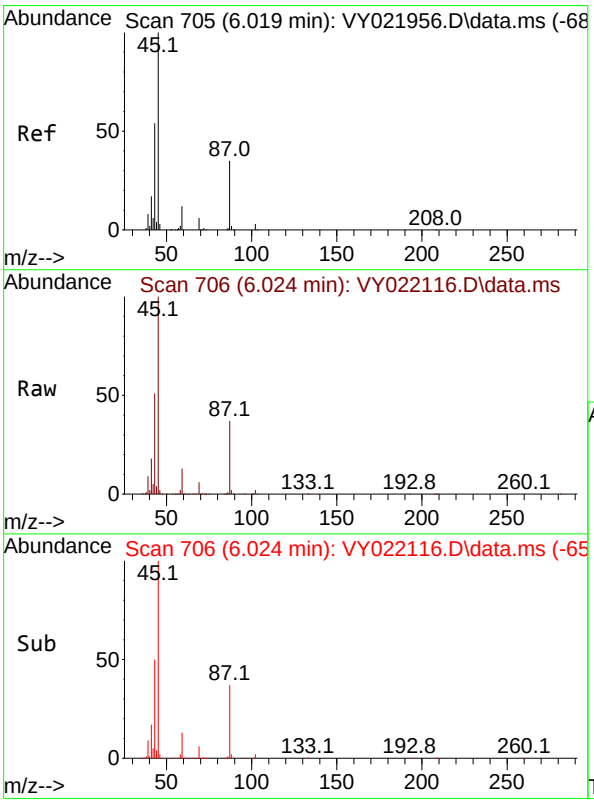
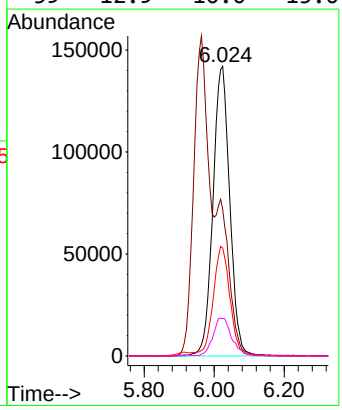
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

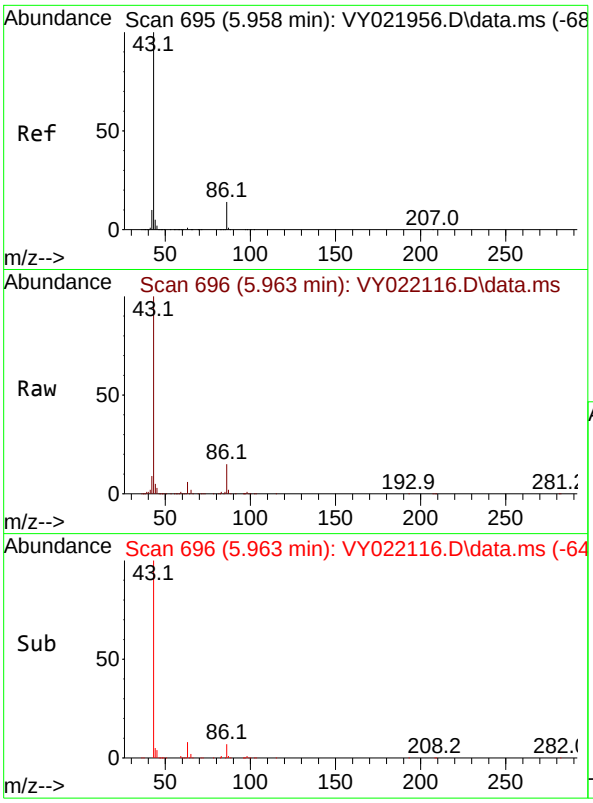


#22
Diisopropyl ether
Concen: 57.079 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 45 Resp: 473393

Ion	Ratio	Lower	Upper
45	100		
43	50.5	43.6	65.4
87	37.3	28.2	42.4
59	12.9	10.0	15.0

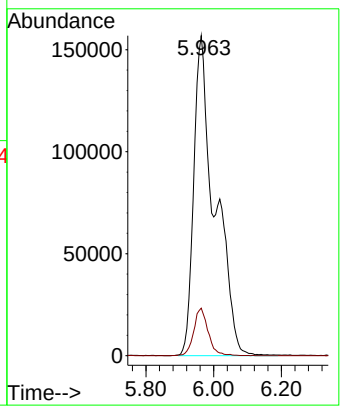




#23
Vinyl Acetate
Concen: 152.388 ug/l m
RT: 5.963 min Scan# 6
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 68113

Ion	Ratio	Lower	Upper
43	100		
86	14.9	11.1	16.7



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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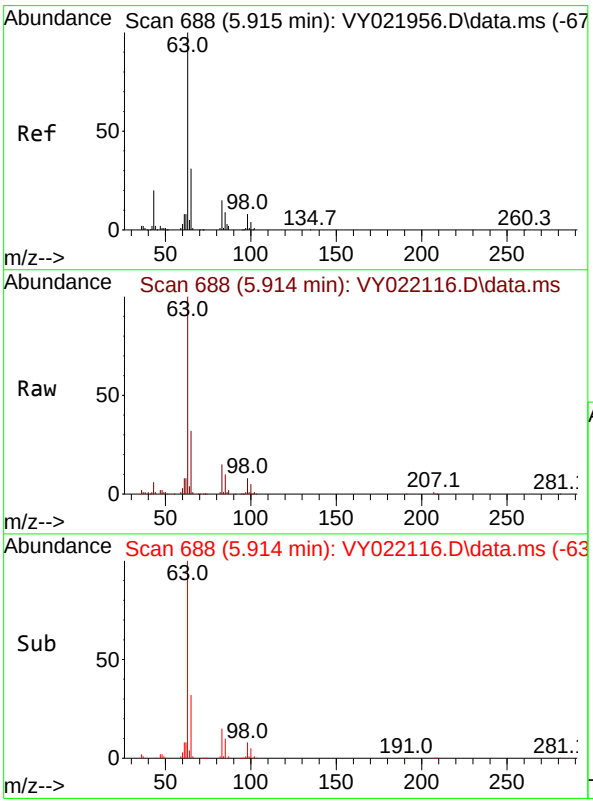
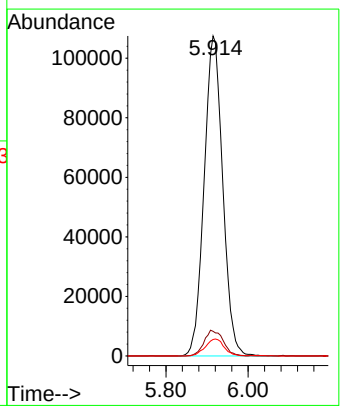
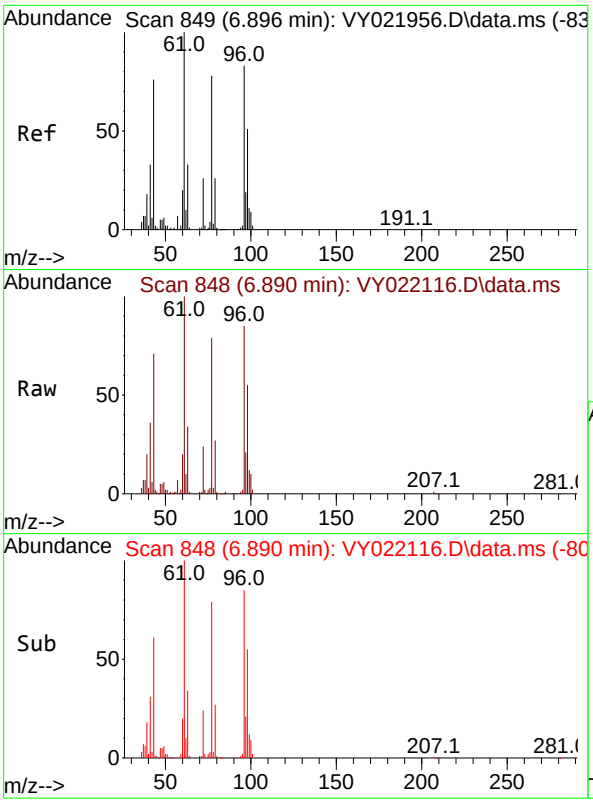


#24
1,1-Dichloroethane
Concen: 58.736 ug/l
RT: 5.914 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 63 Resp: 337664

Ion	Ratio	Lower	Upper
63	100		
98	7.7	4.0	11.9
100	5.2	2.0	6.0





#25
2-Butanone
Concen: 295.705 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.007 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 20045

Ion	Ratio	Lower	Upper
43	100		
72	33.9	27.0	40.4

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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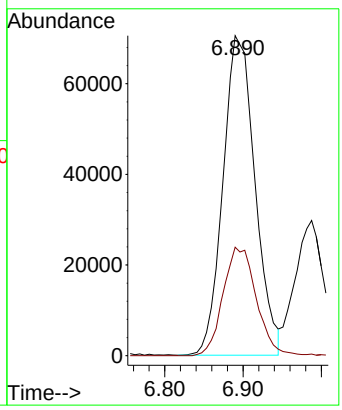
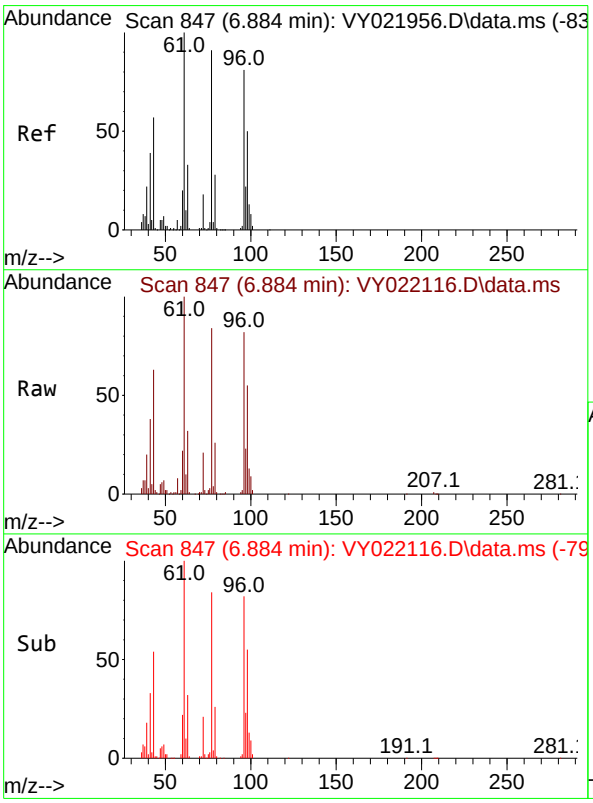
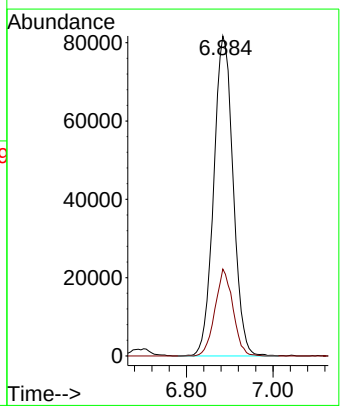


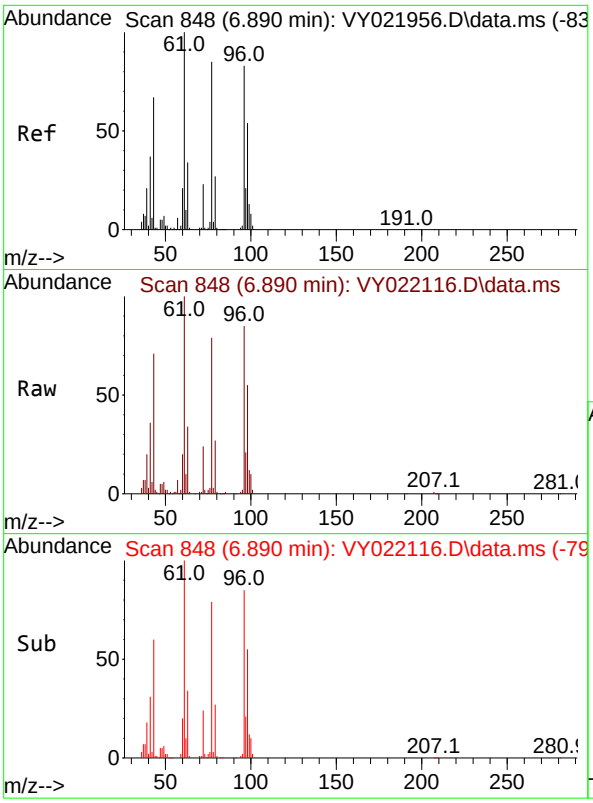


#26
2,2-Dichloropropane
Concen: 50.547 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 77 Resp: 254691

Ion	Ratio	Lower	Upper
77	100		
97	25.1	12.4	37.4





#27
cis-1,2-Dichloroethene
Concen: 59.858 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 96 Resp: 23991

Ion	Ratio	Lower	Upper
96	100		
61	119.5	0.0	251.4
98	65.3	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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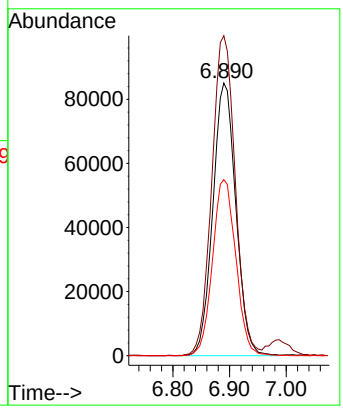
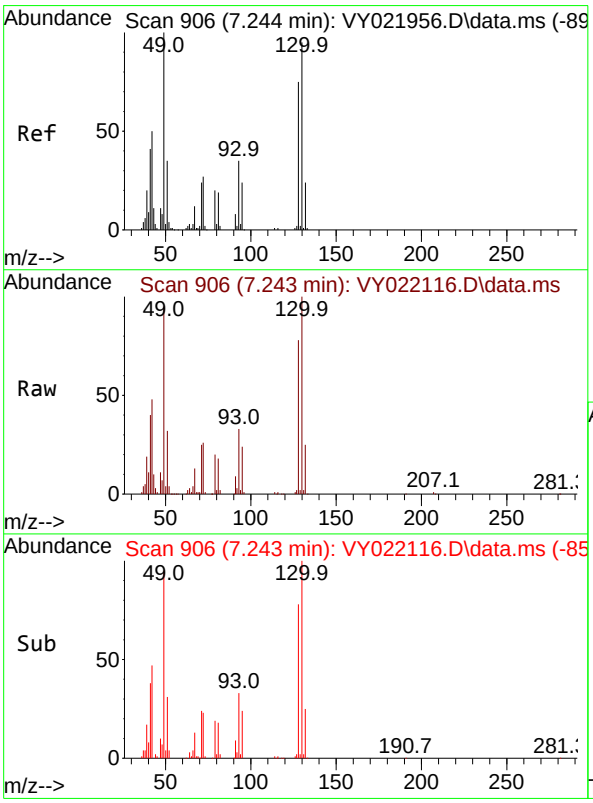
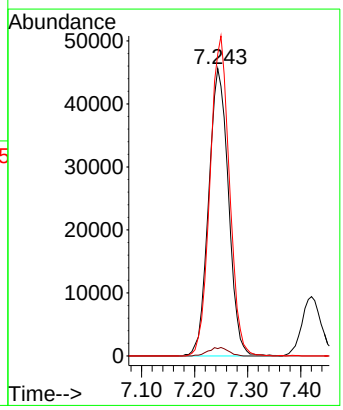


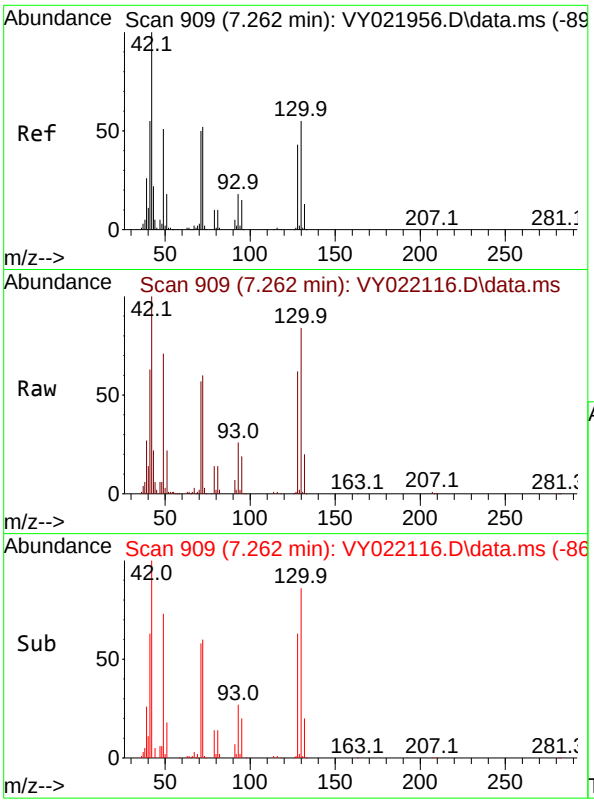


#28
Bromochloromethane
Concen: 52.966 ug/l
RT: 7.243 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 49 Resp: 118270

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.0
130	108.8	78.2	117.4

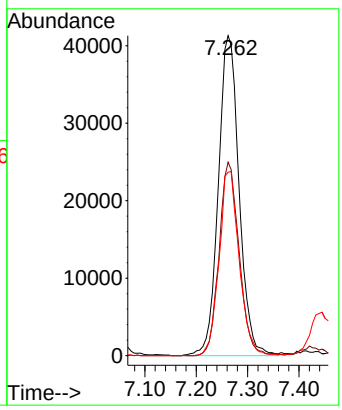




#29
Tetrahydrofuran
Concen: 263.505 ug/l
RT: 7.262 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 42 Resp: 11601

Ion	Ratio	Lower	Upper
42	100		
72	58.5	42.6	63.8
71	55.9	40.6	61.0



Instrument :
MSVOA_Y
ClientSampleId :
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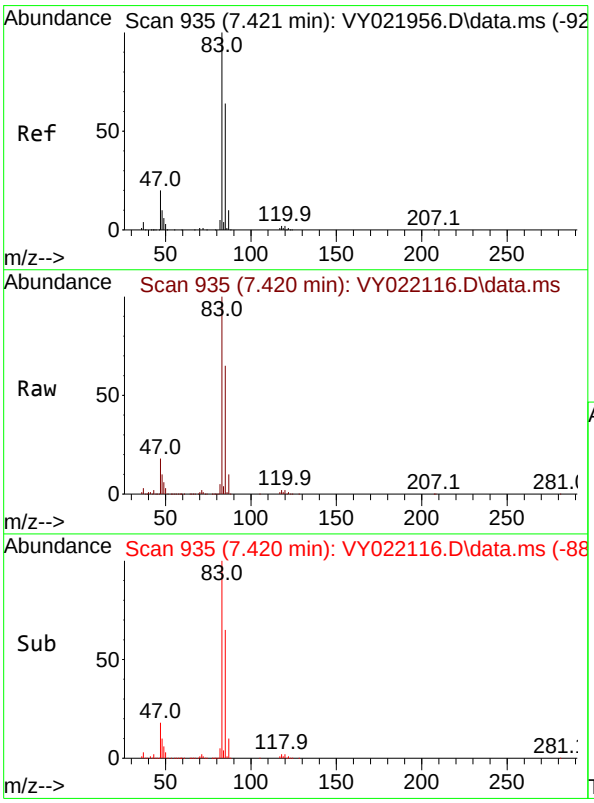
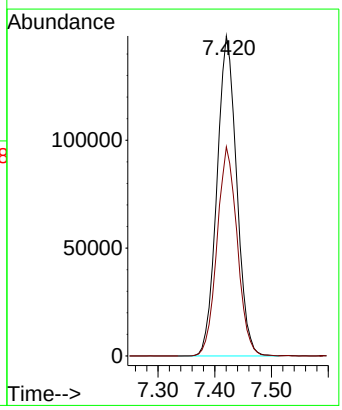
Supervised By :Mahesh Dadoda 05/05/2025

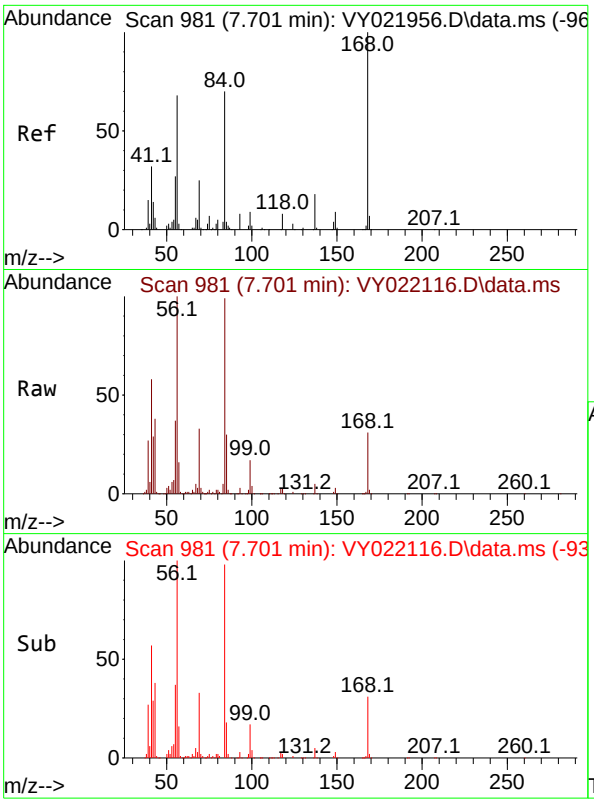


#30
Chloroform
Concen: 56.255 ug/l
RT: 7.420 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 83 Resp: 358724

Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.3	76.9





#31
Cyclohexane
Concen: 211.291 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 56 Resp: 103873

Ion	Ratio	Lower	Upper
56	100		
69	33.4	29.4	44.2
84	98.7	82.2	123.4

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/05/2025
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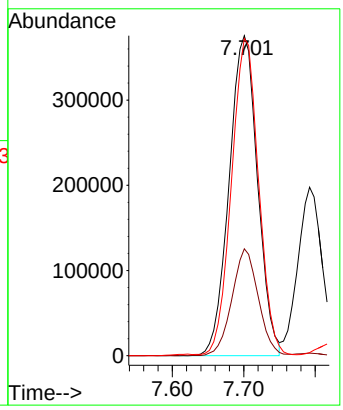
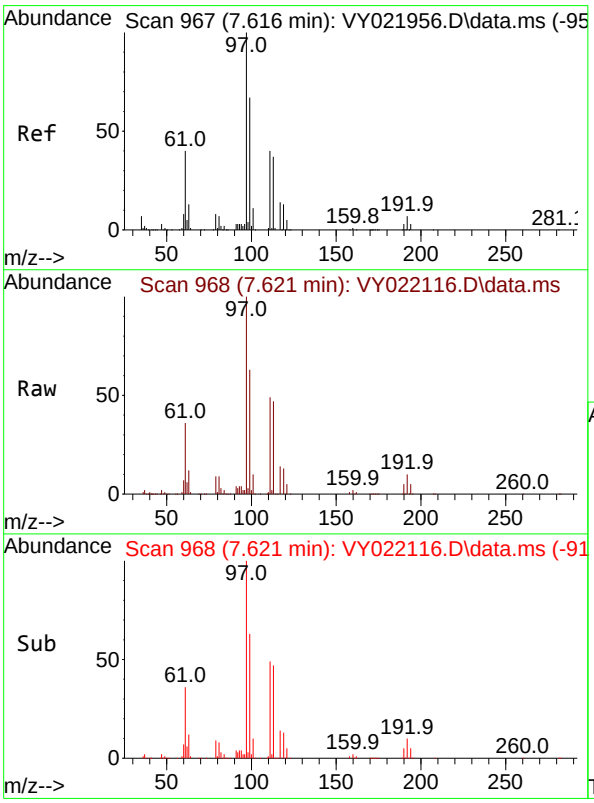
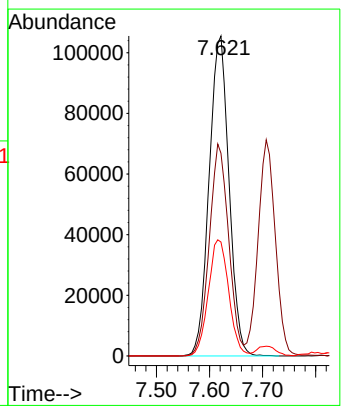


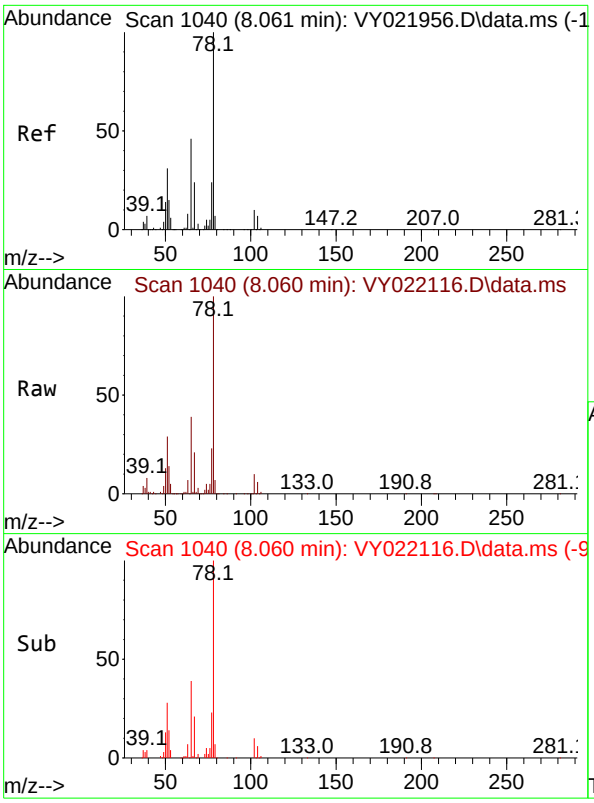


#32
1,1,1-Trichloroethane
Concen: 47.579 ug/l
RT: 7.621 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 97 Resp: 274489

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	37.5	31.4	47.2

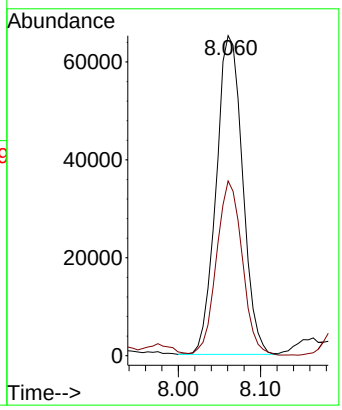




#33
1,2-Dichloroethane-d4
Concen: 48.883 ug/l
RT: 8.060 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 65 Resp: 14537

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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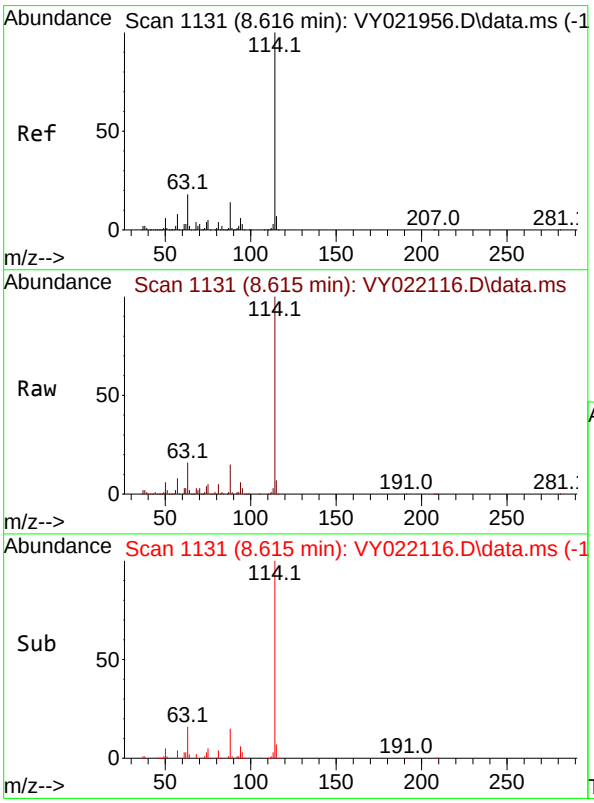
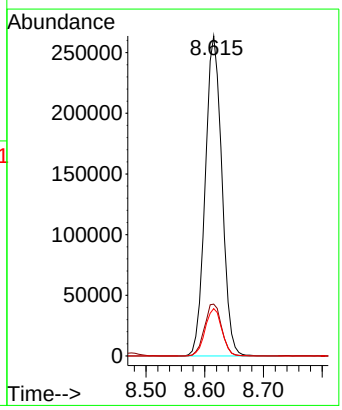
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

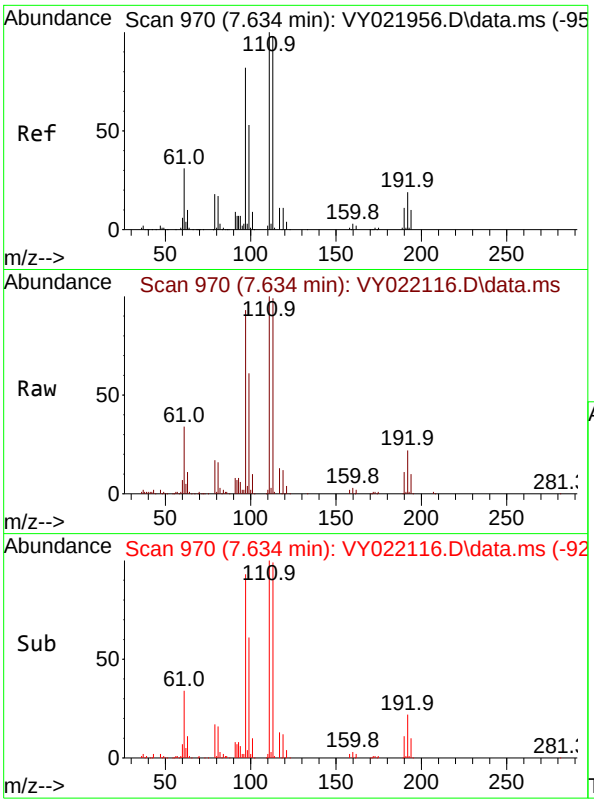


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:114 Resp: 519584

Ion	Ratio	Lower	Upper
114	100		
63	16.2	0.0	35.4
88	14.8	0.0	28.2

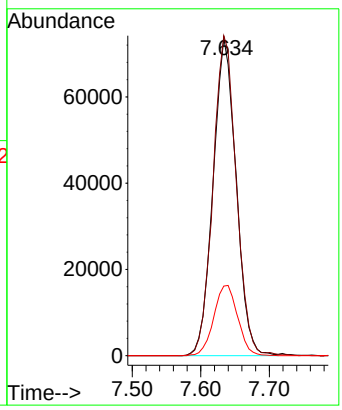




#35
Dibromofluoromethane
Concen: 50.035 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:113 Resp: 17175

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.8	122.8
192	22.9	15.6	23.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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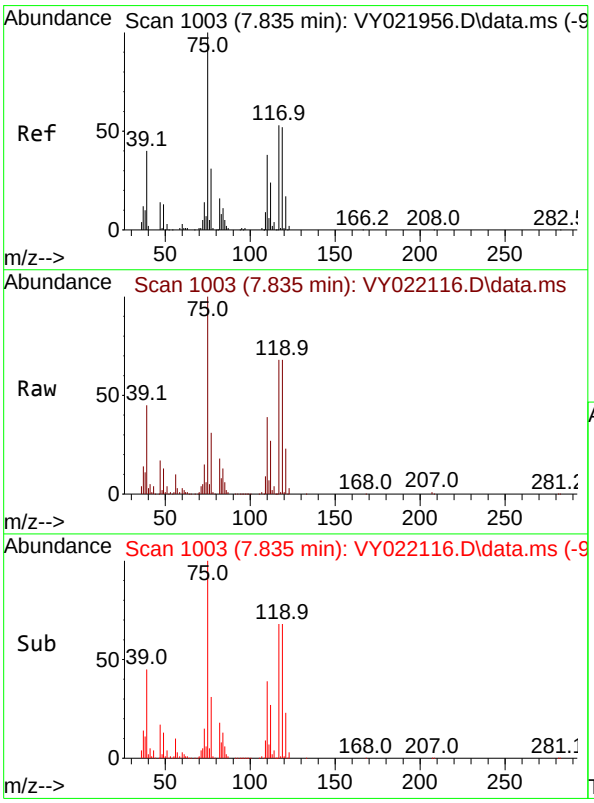
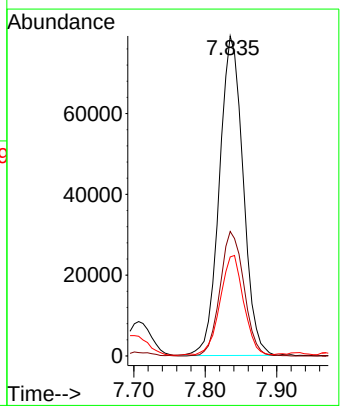
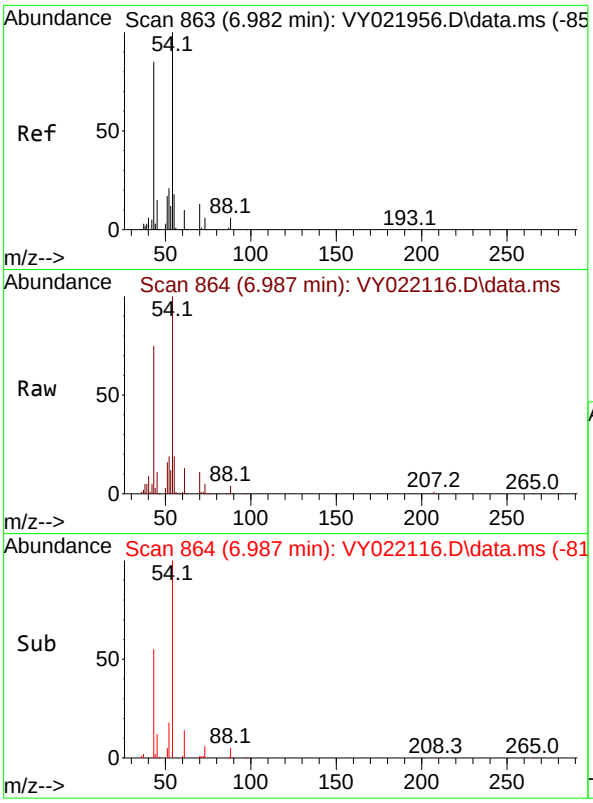


#36
1,1-Dichloropropene
Concen: 39.607 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.001 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 75 Resp: 182624

Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.1	57.3
77	31.1	25.5	38.3

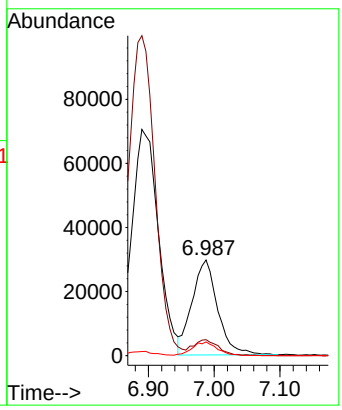




#37
Ethyl Acetate
Concen: 48.393 ug/l
RT: 6.987 min Scan# 8
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 8014

Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.8	20.6
70	14.3	9.2	13.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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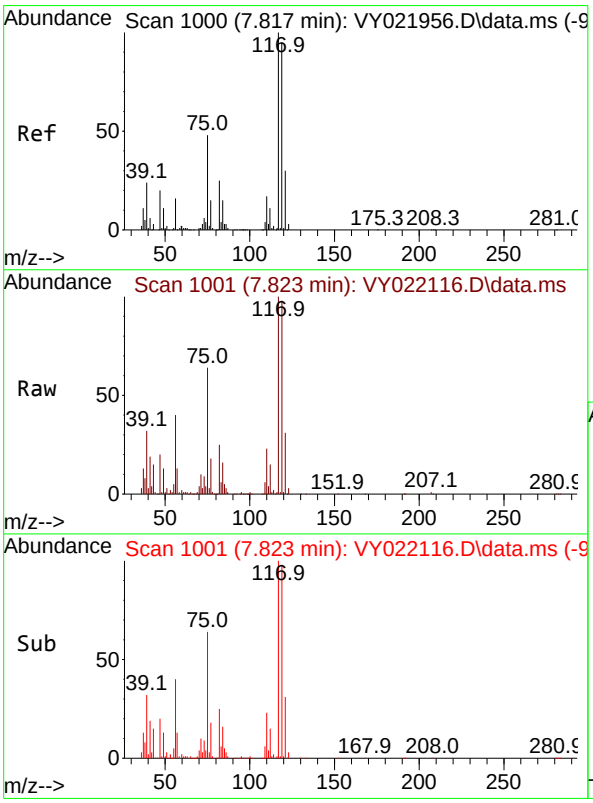
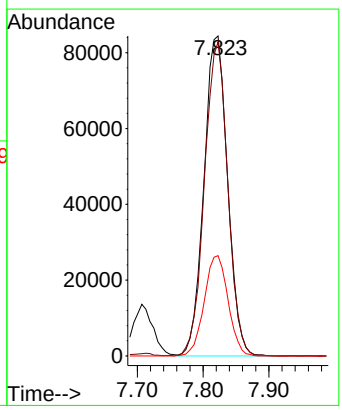
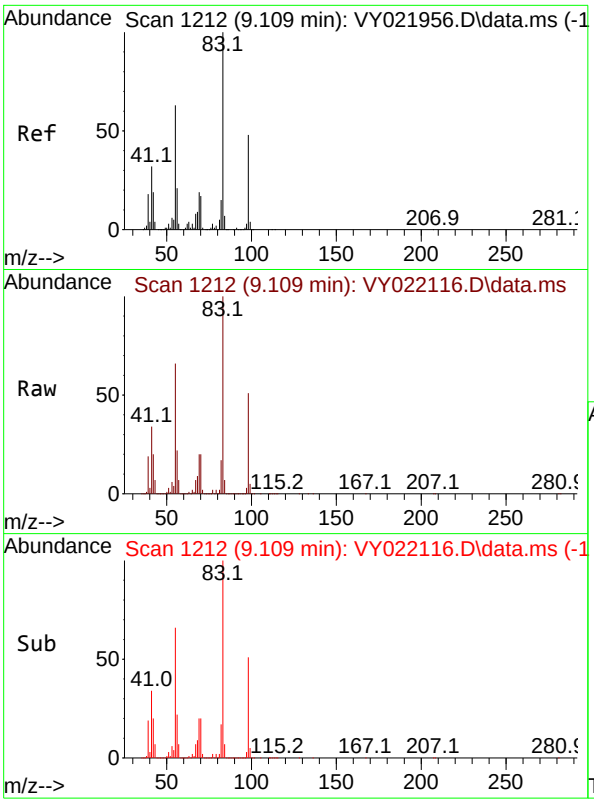


#38
Carbon Tetrachloride
Concen: 38.405 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:117 Resp: 211604

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.2	114.4
121	31.4	24.0	36.0

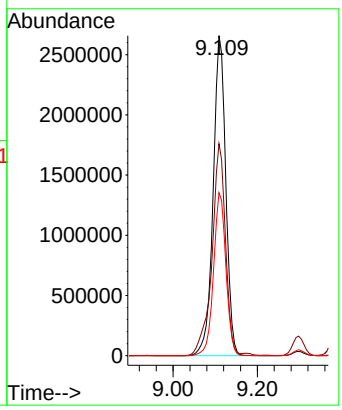




#39
Methylcyclohexane
Concen: 952.103 ug/l
RT: 9.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 83 Resp: 552471

Ion	Ratio	Lower	Upper
83	100		
55	66.2	50.6	75.8
98	51.0	38.6	58.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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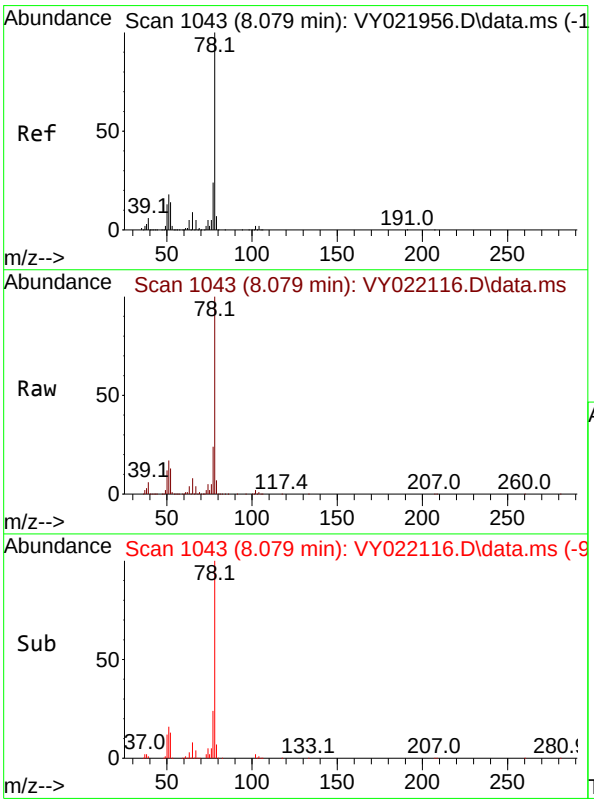
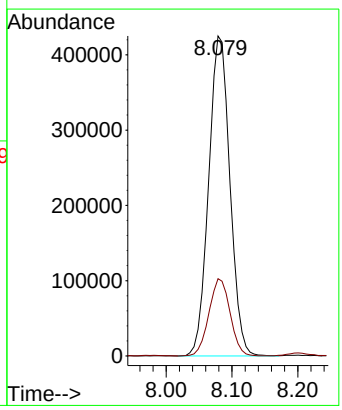
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

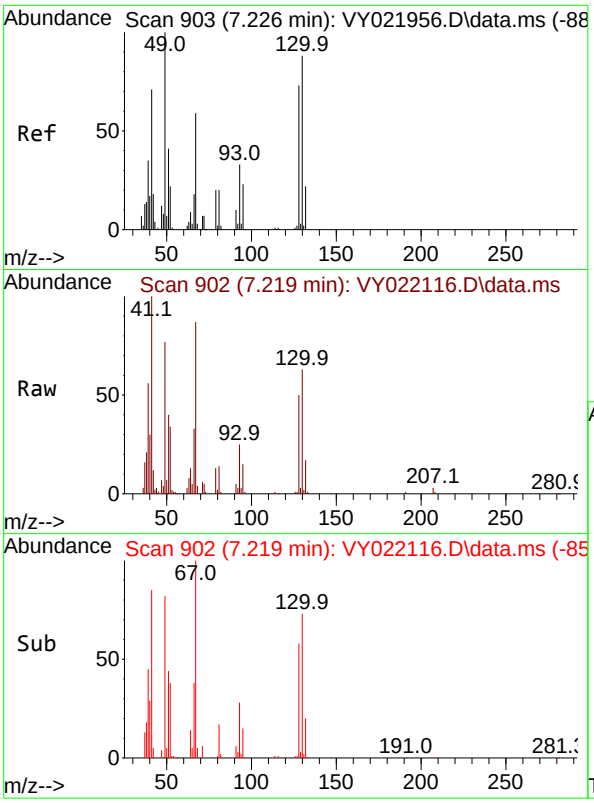


#40
Benzene
Concen: 66.395 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 78 Resp: 956992

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

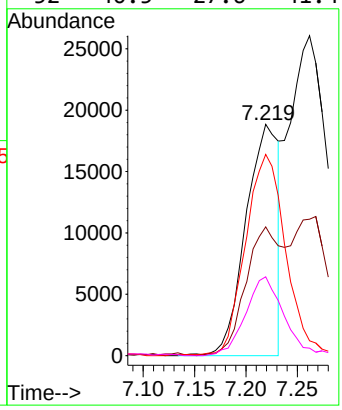




#41
Methacrylonitrile
Concen: 46.057 ug/l
RT: 7.219 min Scan# 9
Delta R.T. -0.007 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 41 Resp: 4169

Ion	Ratio	Lower	Upper
41	100		
39	62.4	36.6	55.0#
67	108.5	72.2	108.4#
52	40.5	27.6	41.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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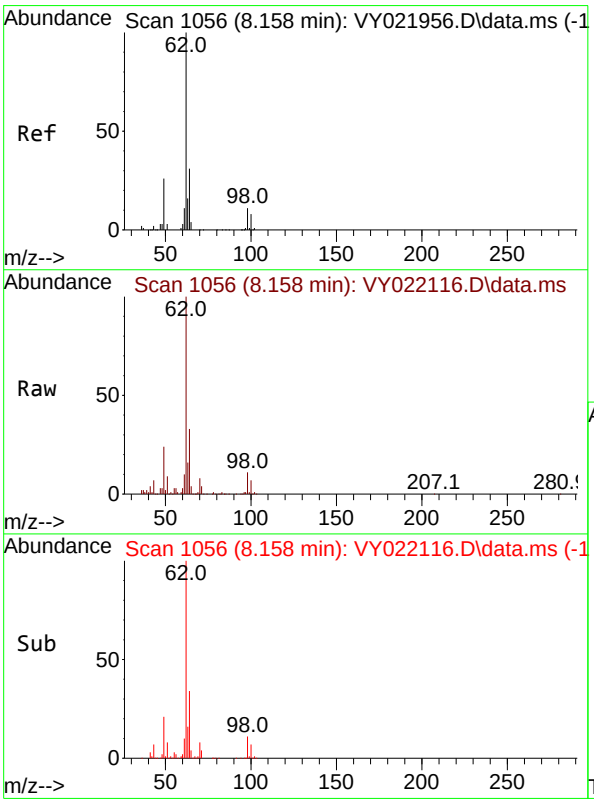
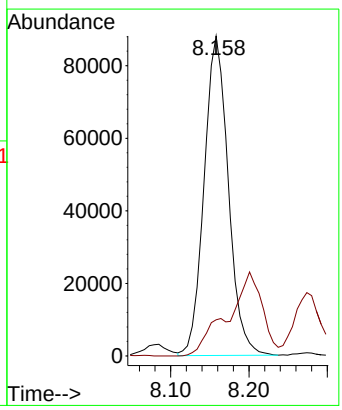
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

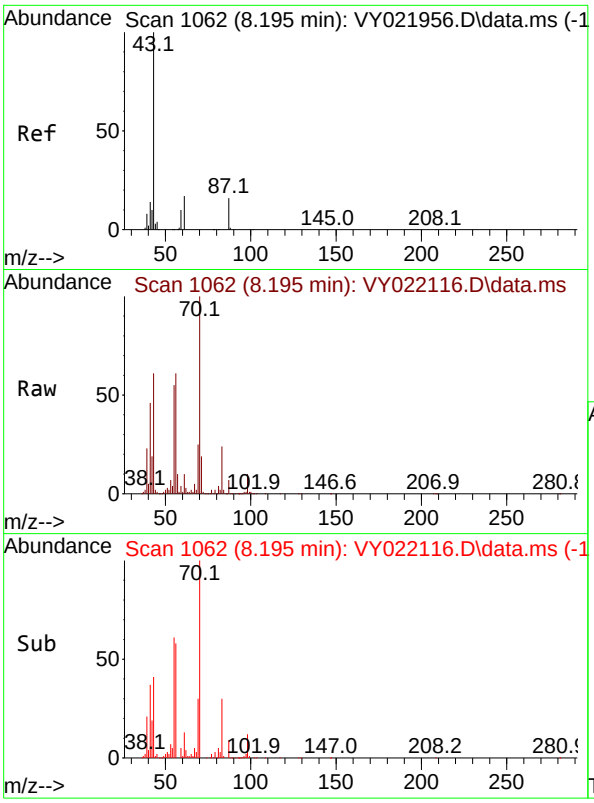


#42
1,2-Dichloroethane
Concen: 52.907 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 62 Resp: 188807

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.0

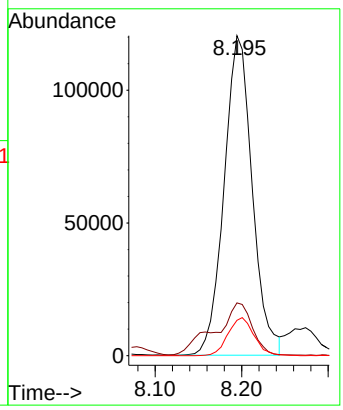




#43
Isopropyl Acetate
Concen: 85.546 ug/l
RT: 8.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 27205

Ion	Ratio	Lower	Upper
43	100		
61	14.0	18.9	28.3#
87	11.0	13.7	20.5#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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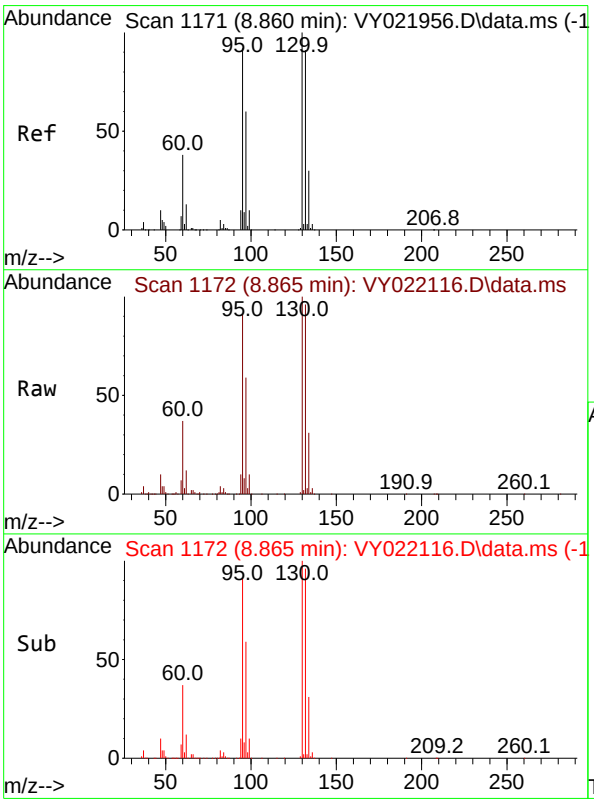
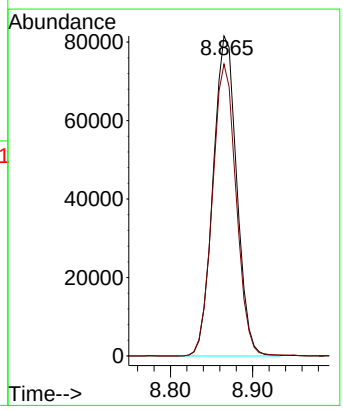
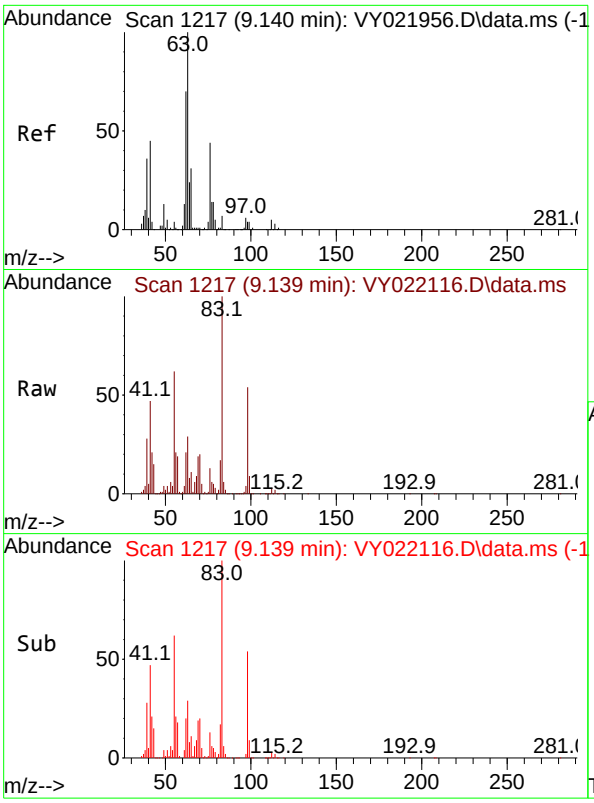


#44
Trichloroethene
Concen: 40.695 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:130 Resp: 162469

Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	183.2

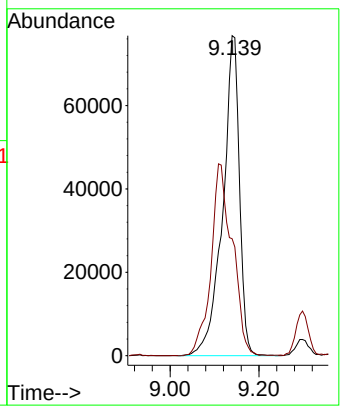




#45
1,2-Dichloropropane
Concen: 62.563 ug/l
RT: 9.139 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 63 Resp: 19942

Ion	Ratio	Lower	Upper
63	100		
65	36.6	25.2	37.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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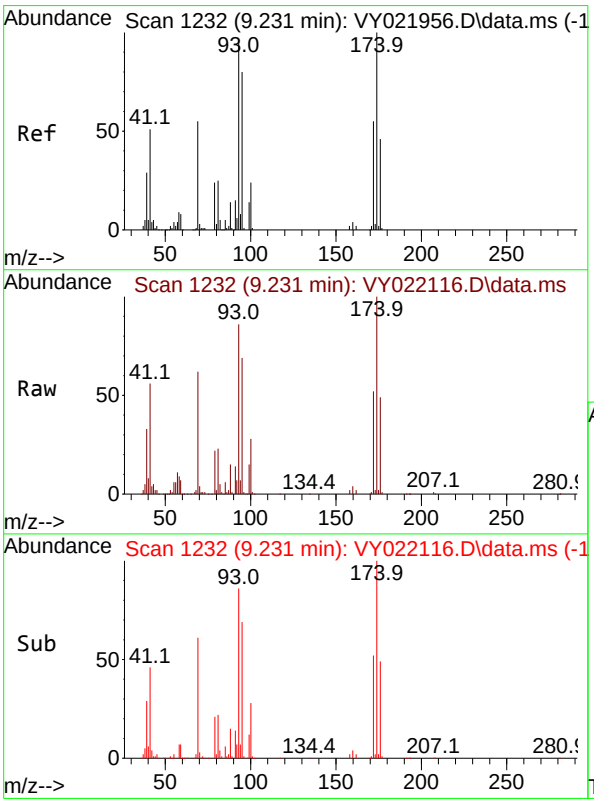
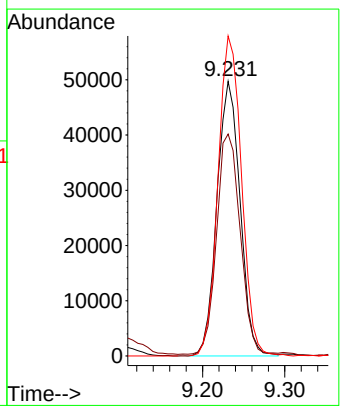
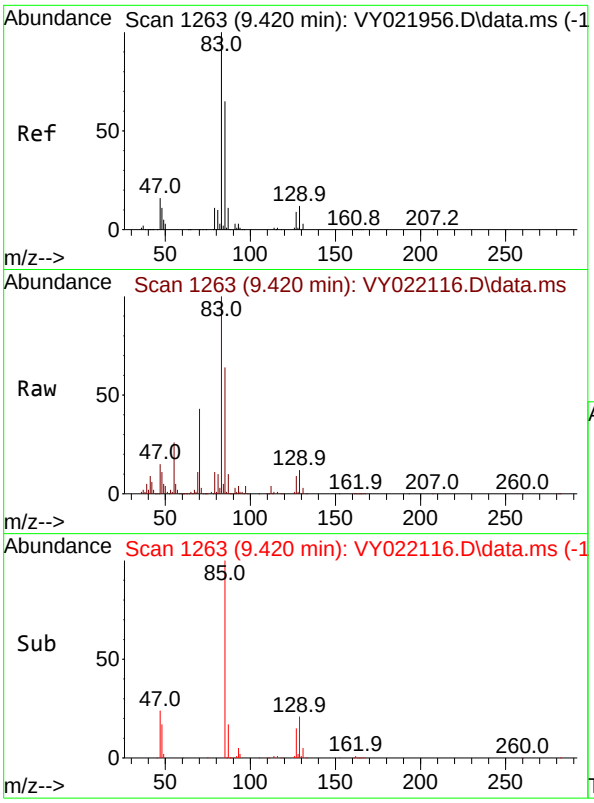


#46
Dibromomethane
Concen: 48.722 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 93 Resp: 97217

Ion	Ratio	Lower	Upper
93	100		
95	81.6	66.7	100.1
174	118.2	84.6	127.0

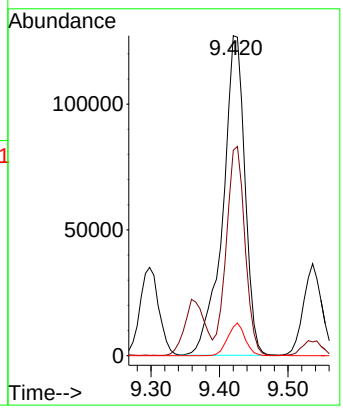




#47
Bromodichloromethane
Concen: 56.879 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 83 Resp: 28352

Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8
127	8.9	7.0	10.6



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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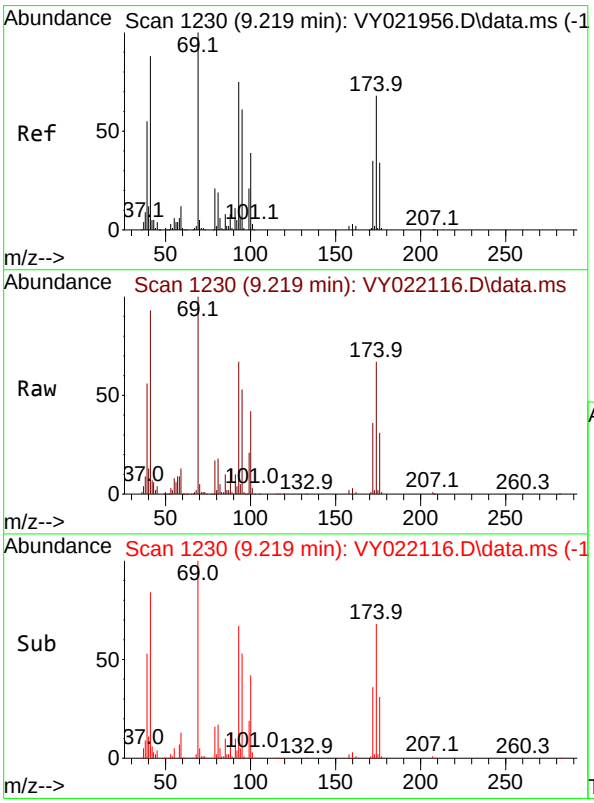
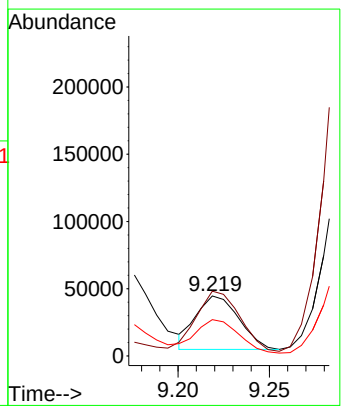
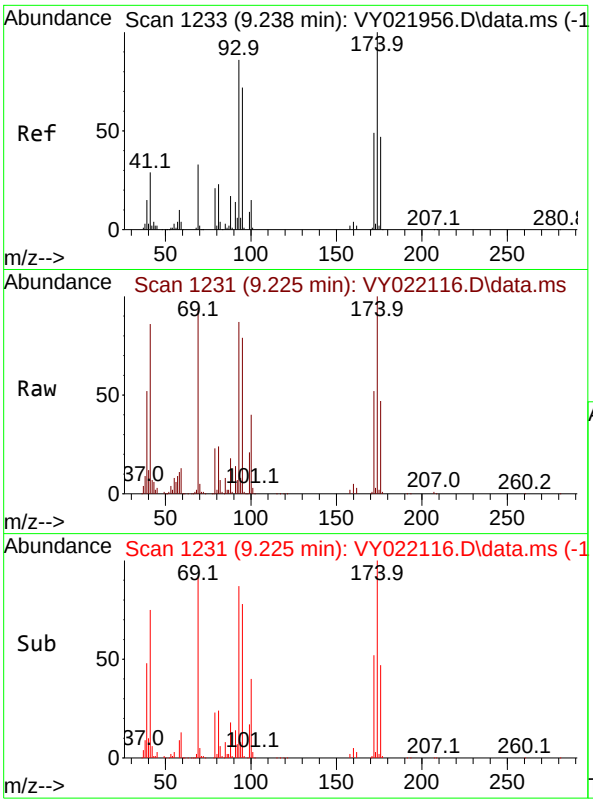


#48
Methyl methacrylate
Concen: 44.173 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 41 Resp: 64943

Ion	Ratio	Lower	Upper
41	100		
69	114.3	85.5	128.3
39	75.8	46.2	69.4#





#49
1,4-Dioxane
Concen: 1058.294 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.013 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 88 Resp: 2250

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.3	31.9#
58	45.5	50.5	75.7#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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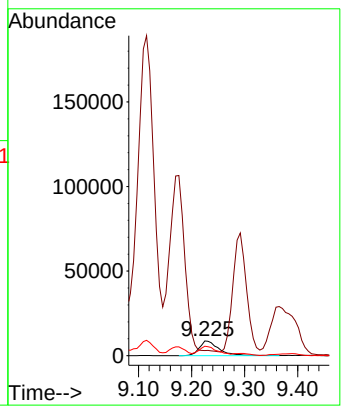
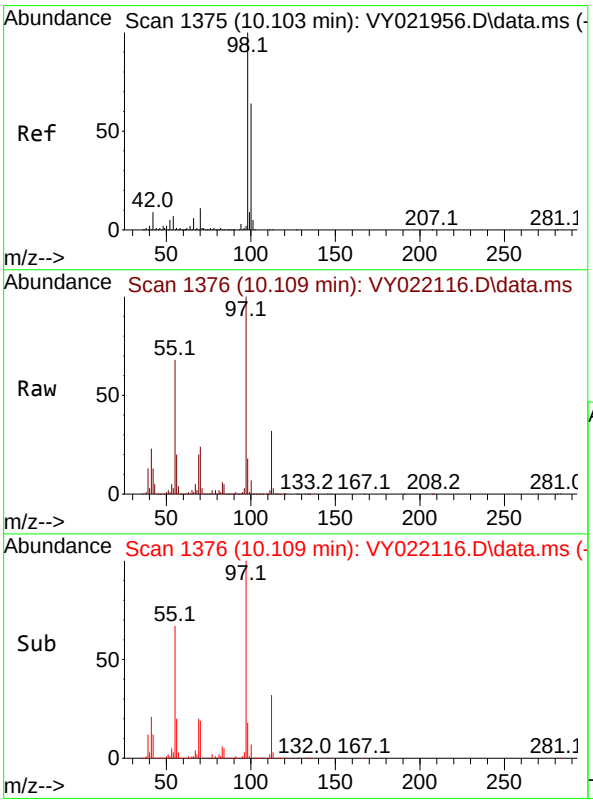
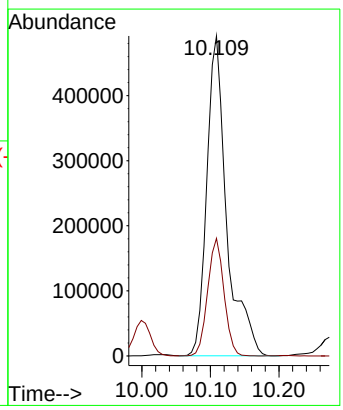


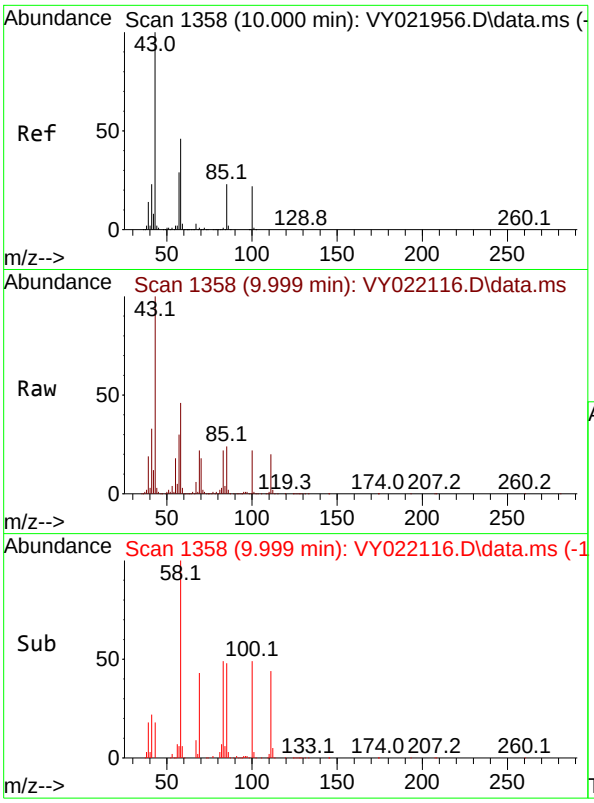


#50
Toluene-d8
Concen: 76.816 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 98 Resp: 994087

Ion	Ratio	Lower	Upper
98	100		
100	30.1	51.6	77.4#

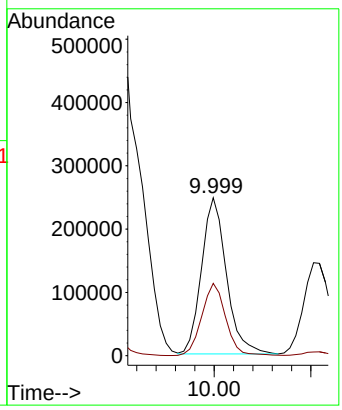




#51
4-Methyl-2-Pentanone
Concen: 264.904 ug/l
RT: 9.999 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 44163

Ion	Ratio	Lower	Upper
43	100		
58	44.4	36.6	55.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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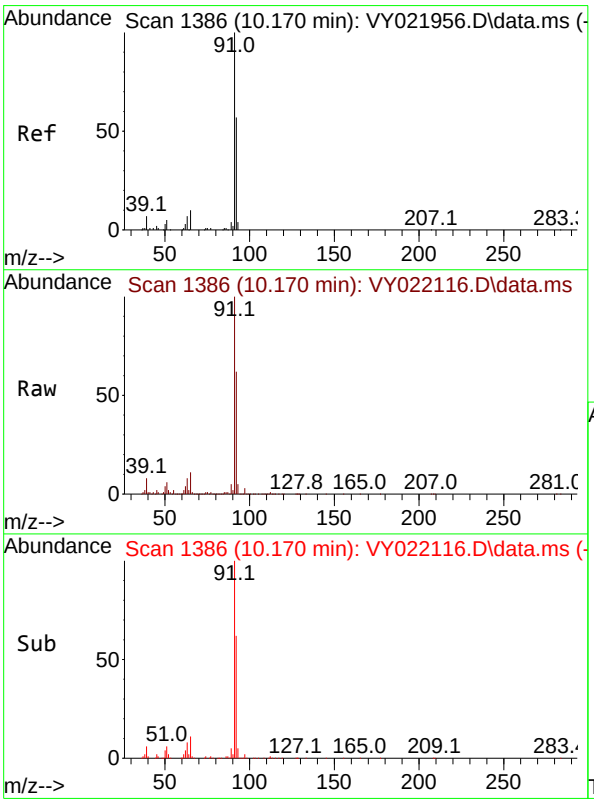
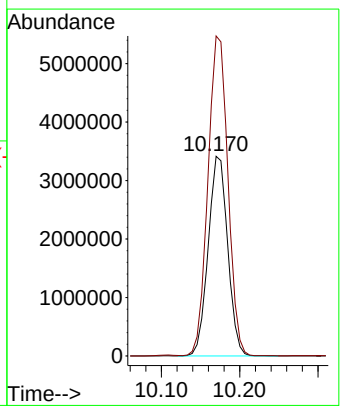
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

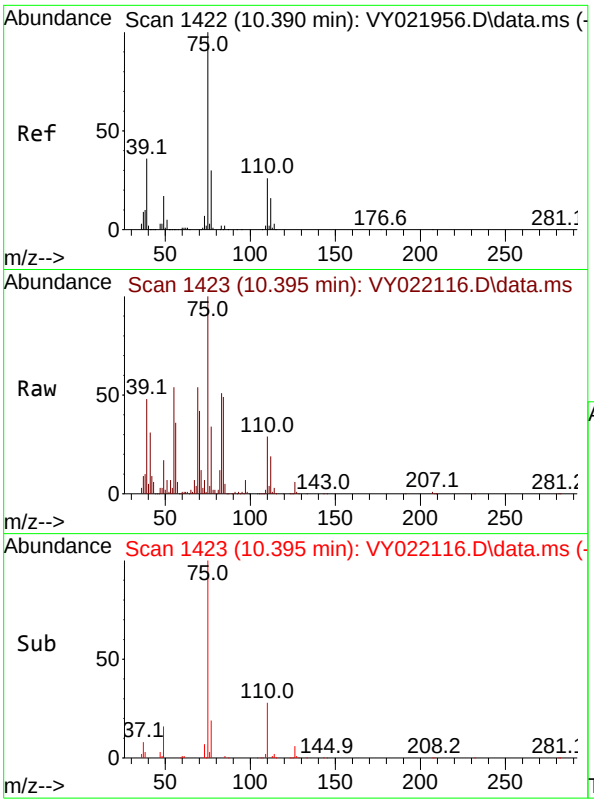


#52
Toluene
Concen: 631.195 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 92 Resp: 5889121

Ion	Ratio	Lower	Upper
92	100		
91	164.5	138.6	207.8

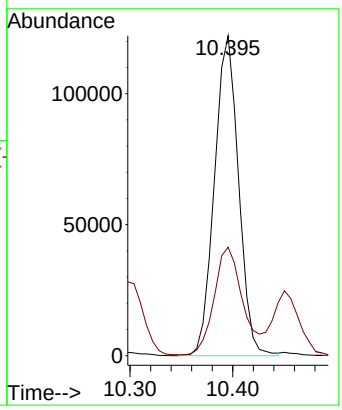




#53
t-1,3-Dichloropropene
Concen: 46.483 ug/l
RT: 10.395 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 75 Resp: 19874

Ion	Ratio	Lower	Upper
75	100		
77	33.6	24.0	36.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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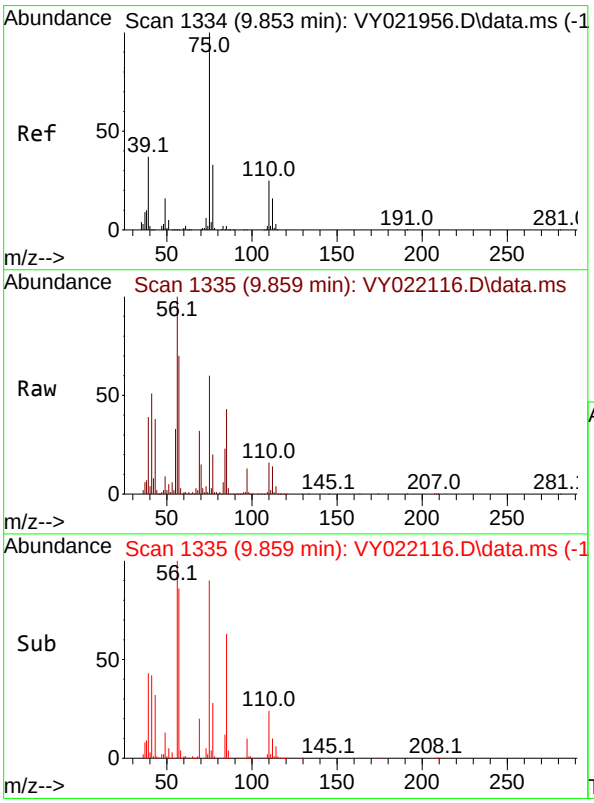
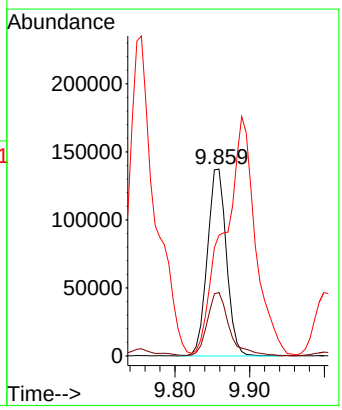
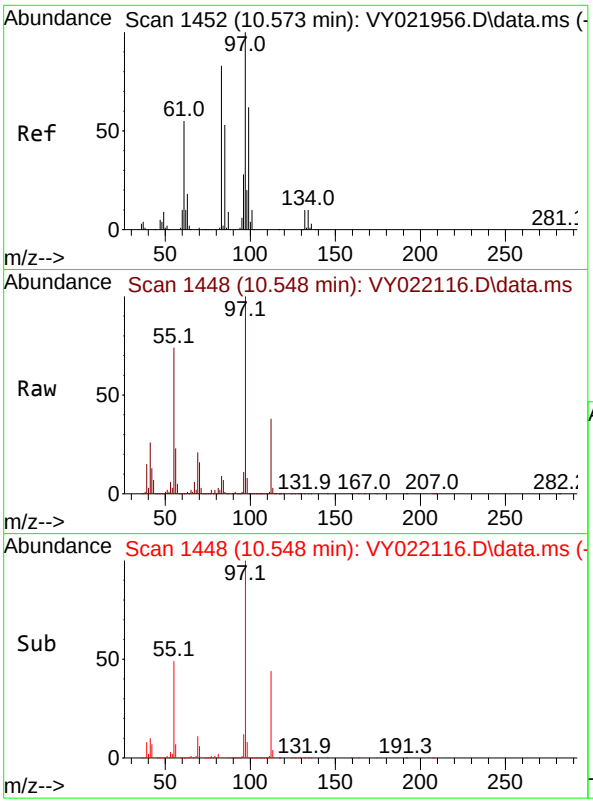


#54
cis-1,3-Dichloropropene
Concen: 48.029 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 75 Resp: 244107

Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.6	40.0
39	55.7	29.6	44.4#

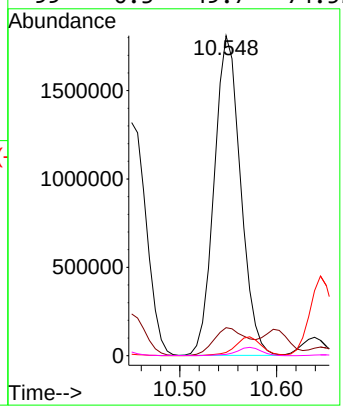




#55
1,1,2-Trichloroethane
Concen: 1282.090 ug/l
RT: 10.548 min Scan# 14
Delta R.T. -0.025 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 97 Resp: 341719

Ion	Ratio	Lower	Upper
97	100		
83	8.7	66.7	100.1#
85	1.0	42.6	64.0#
99	0.3	49.7	74.5#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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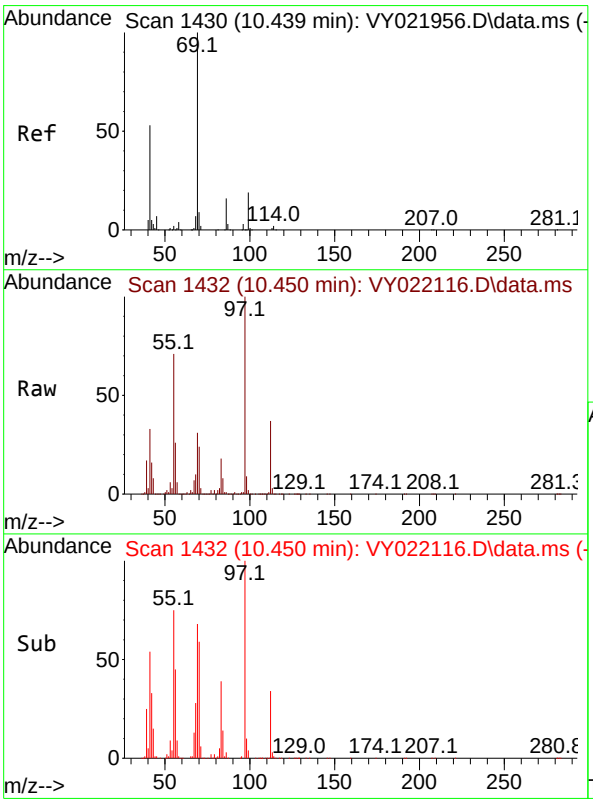
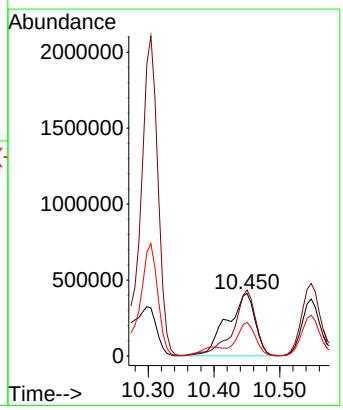
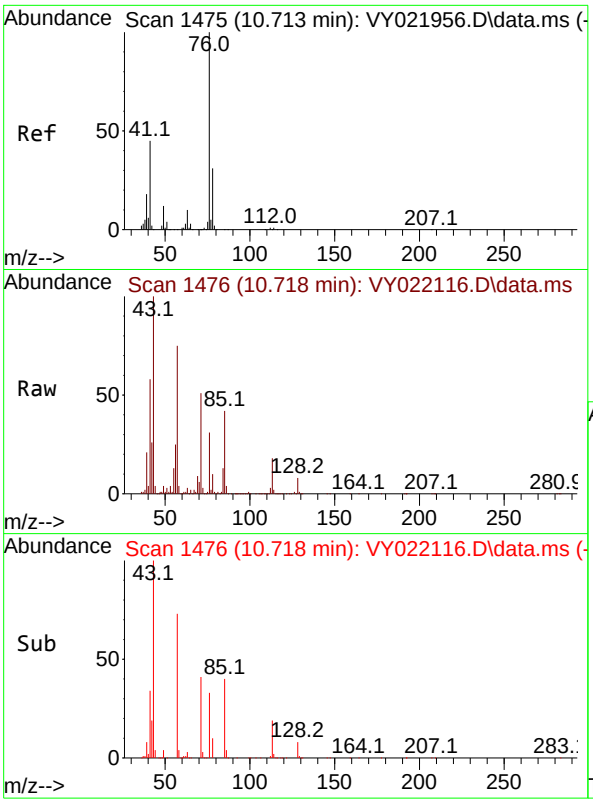


#56
Ethyl methacrylate
Concen: 401.003 ug/l
RT: 10.450 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 69 Resp: 1222245

Ion	Ratio	Lower	Upper
69	100		
41	82.6	40.7	61.1#
39	34.6	23.3	34.9





#57
1,3-Dichloropropane
Concen: 47.566 ug/l
RT: 10.718 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 76 Resp: 20324

Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.6	39.8

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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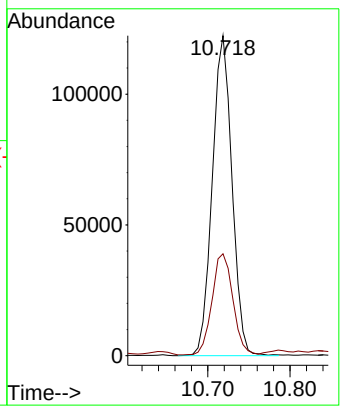
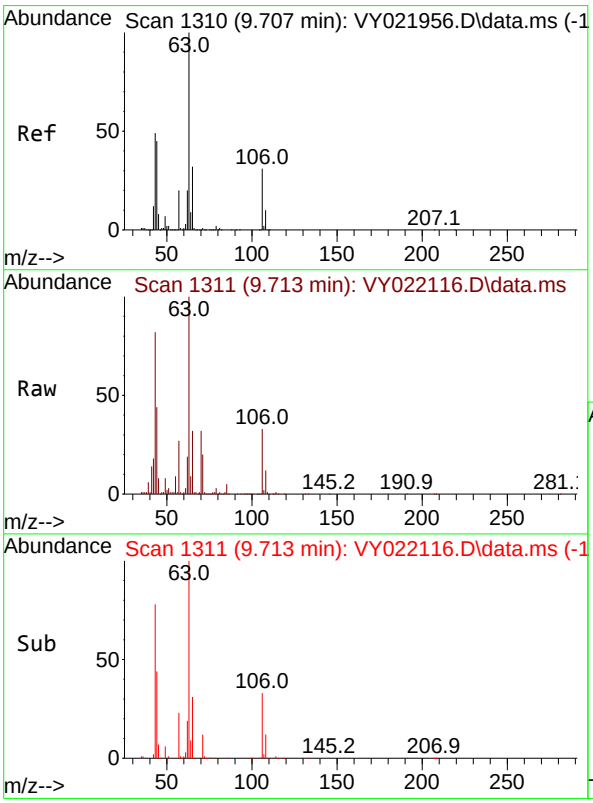
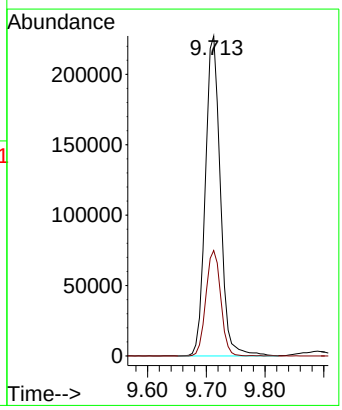


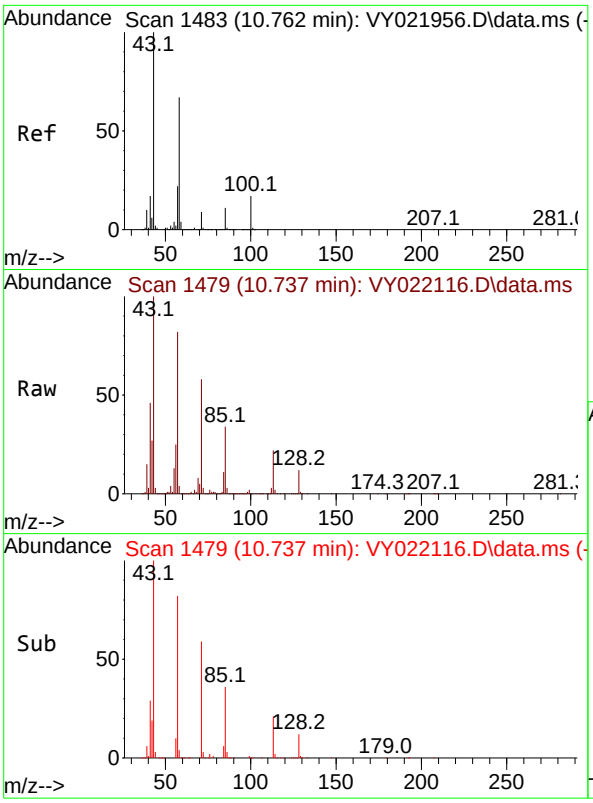


#58
2-Chloroethyl Vinyl ether
Concen: 270.562 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 63 Resp: 403206

Ion	Ratio	Lower	Upper
63	100		
106	32.5	25.3	37.9





#59
2-Hexanone
Concen: 2483.061 ug/l
RT: 10.737 min Scan# 14
Delta R.T. -0.025 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 273041

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.0	96.0#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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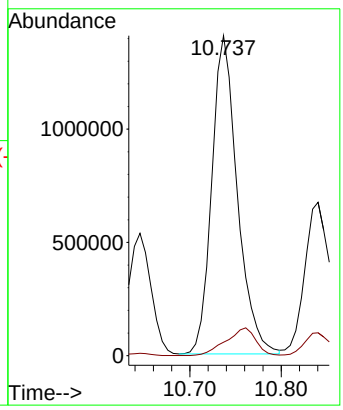
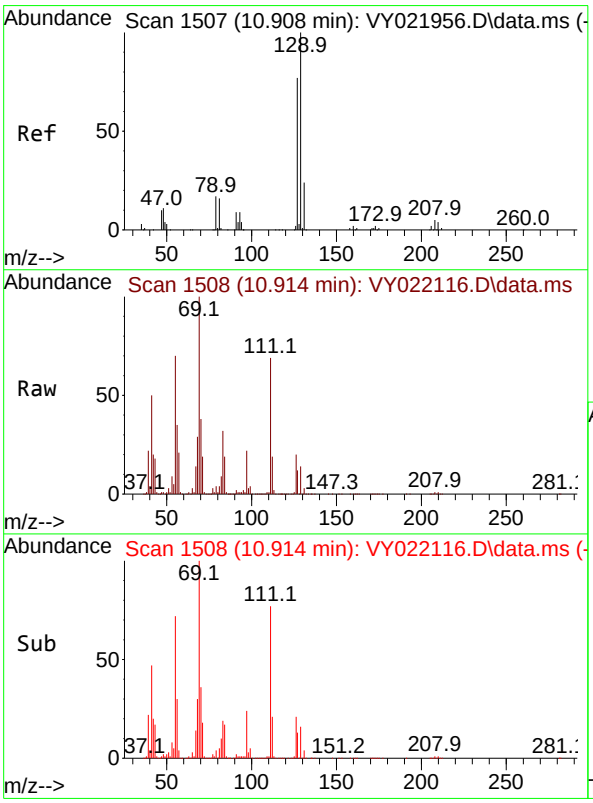
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

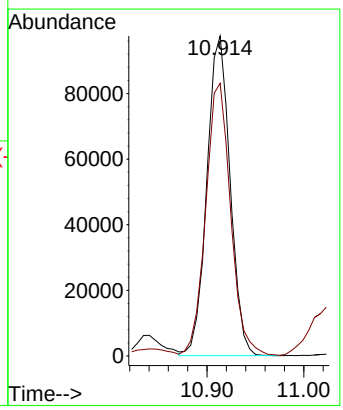


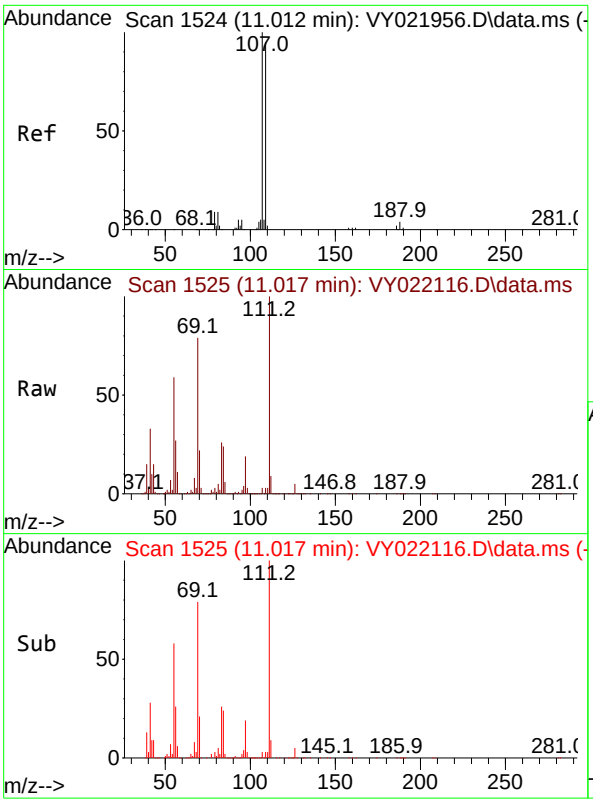


#60
Dibromochloromethane
Concen: 43.975 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:129 Resp: 162273

Ion	Ratio	Lower	Upper
129	100		
127	91.4	38.5	115.3

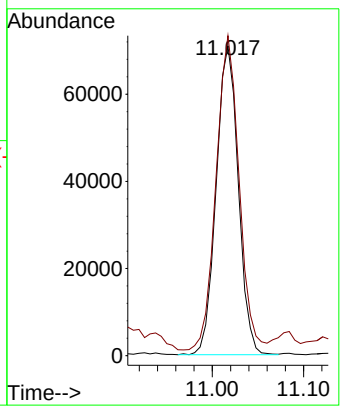




#61
1,2-Dibromoethane
Concen: 47.231 ug/l
RT: 11.017 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:107 Resp: 11884

Ion	Ratio	Lower	Upper
107	100		
109	105.7	75.8	113.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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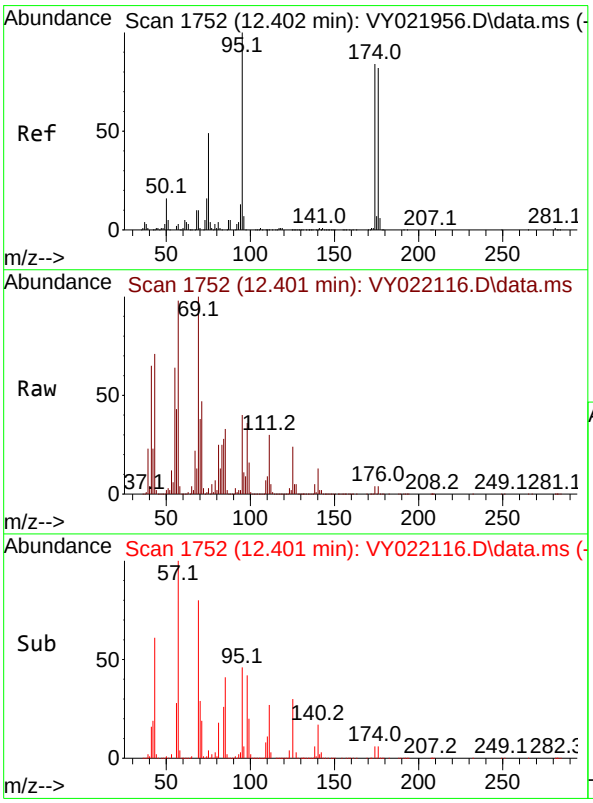
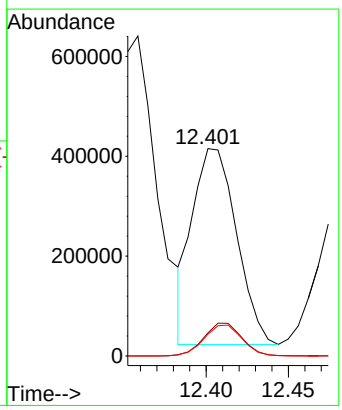
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

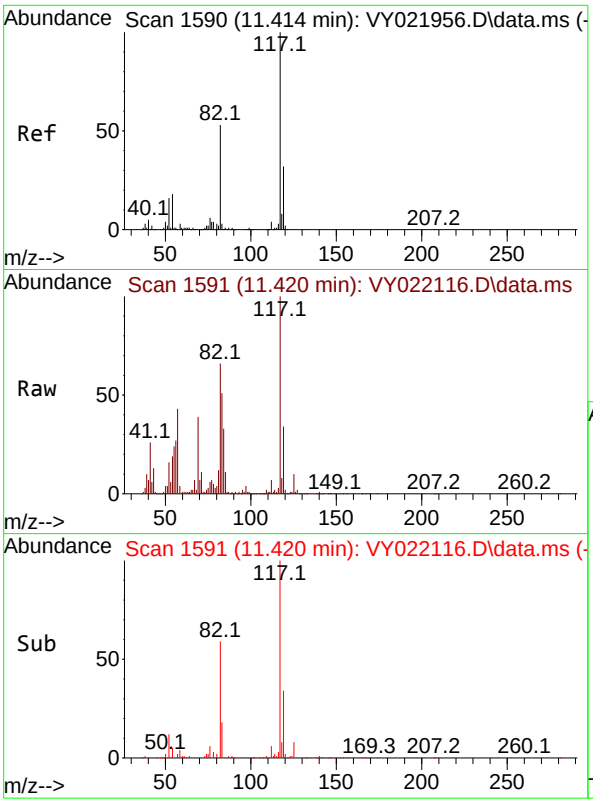


#62
4-Bromofluorobenzene
Concen: 168.135 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 95 Resp: 732478

Ion	Ratio	Lower	Upper
95	100		
174	14.6	0.0	179.0
176	13.7	0.0	171.8

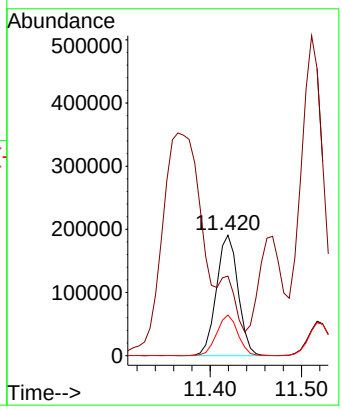




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:117 Resp: 31338

Ion	Ratio	Lower	Upper
117	100		
82	0.0	42.1	63.1
119	33.7	25.7	38.5



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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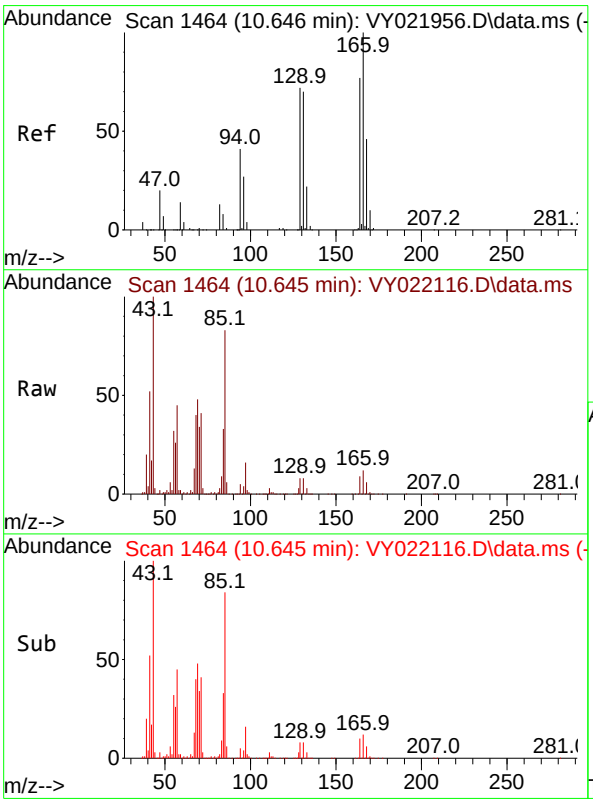
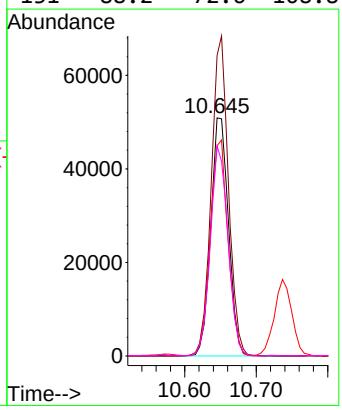
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

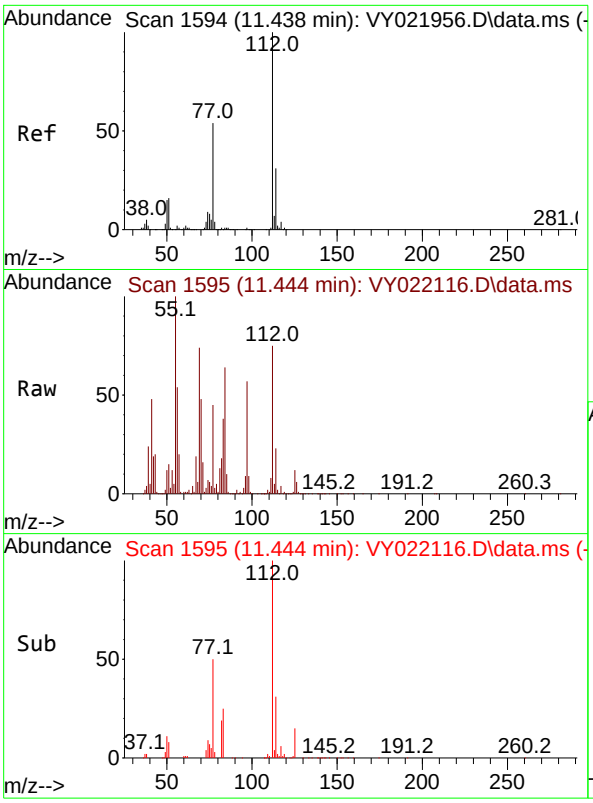


#64
Tetrachloroethene
Concen: 29.593 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:164 Resp: 87487

Ion	Ratio	Lower	Upper
164	100		
166	126.2	103.6	155.4
129	87.9	74.2	111.4
131	88.2	72.6	108.8

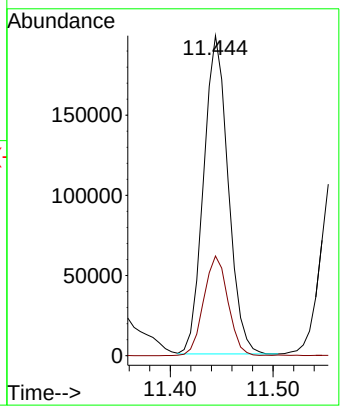




#65
Chlorobenzene
Concen: 47.023 ug/l
RT: 11.444 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:112 Resp: 32953

Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.0	37.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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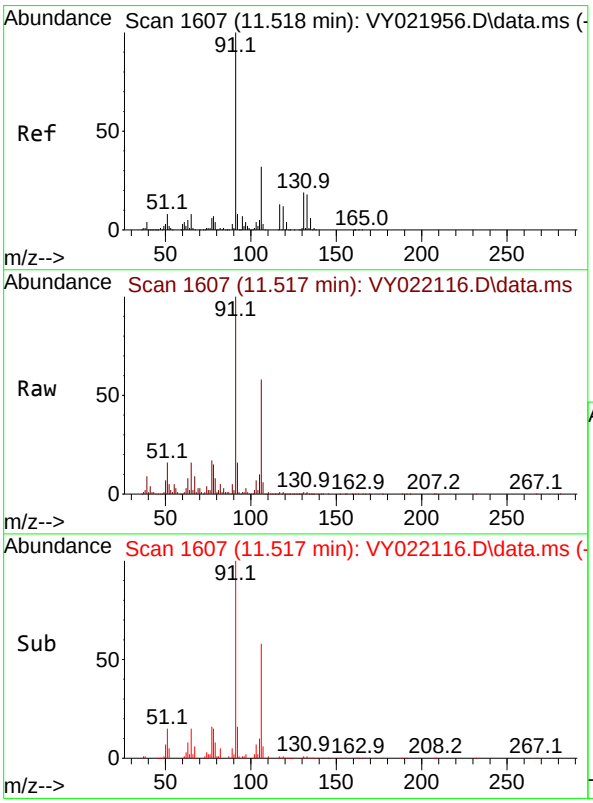
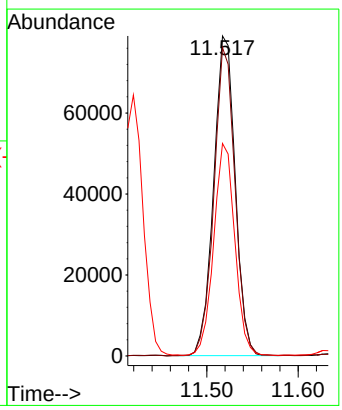
Supervised By :Mahesh Dadoda 05/05/2025

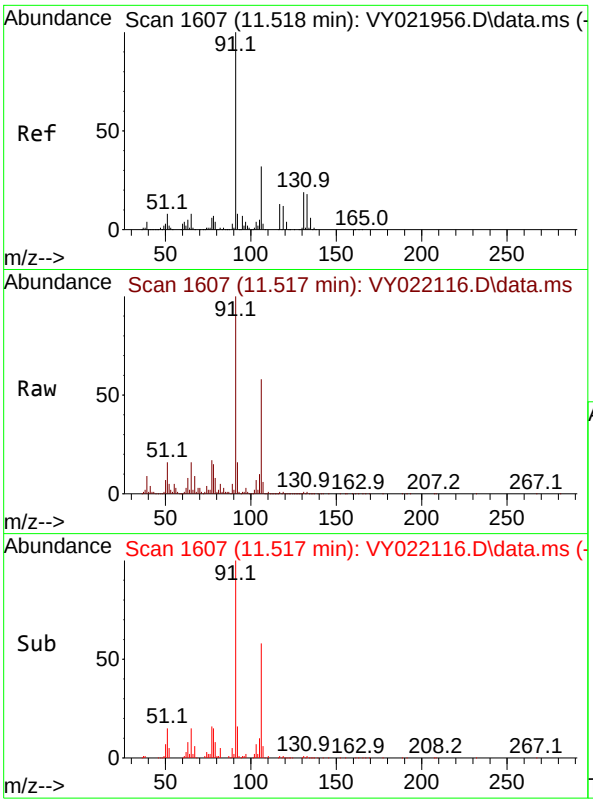


#66
1,1,1,2-Tetrachloroethane
Concen: 52.482 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:131 Resp: 129485

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.8	143.3
119	65.0	32.4	97.0

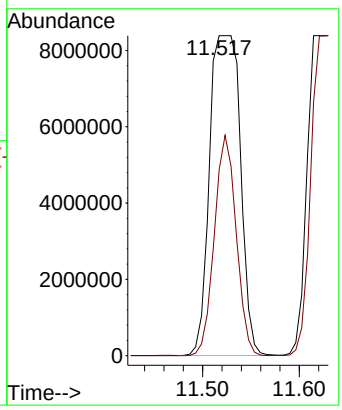




#67
Ethyl Benzene
Concen: 1616.239 ug/l
RT: 11.517 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 91 Resp:1852856

Ion	Ratio	Lower	Upper
91	100		
106	58.2	25.9	38.9#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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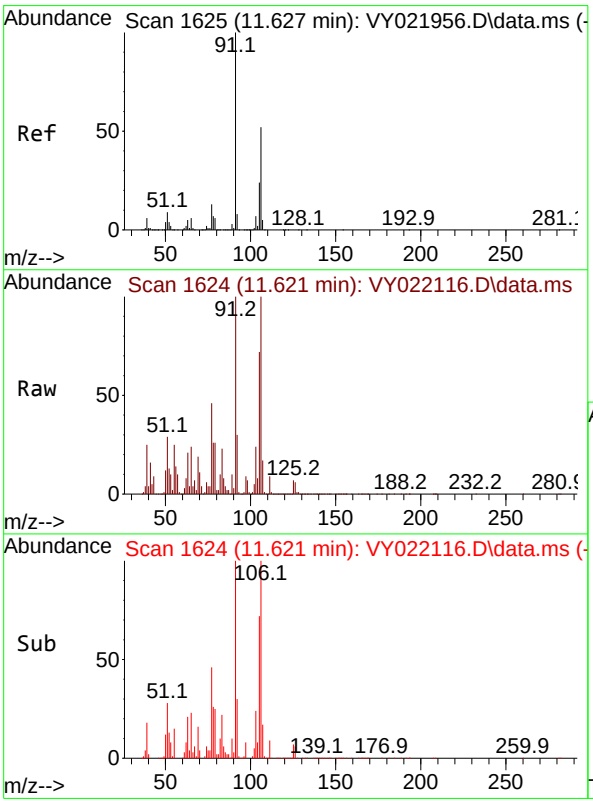
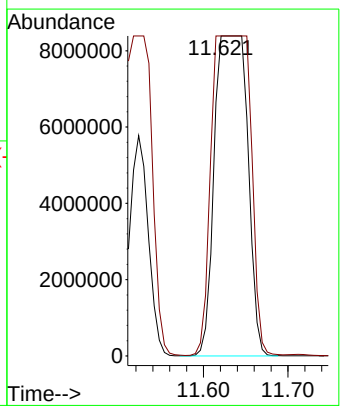
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

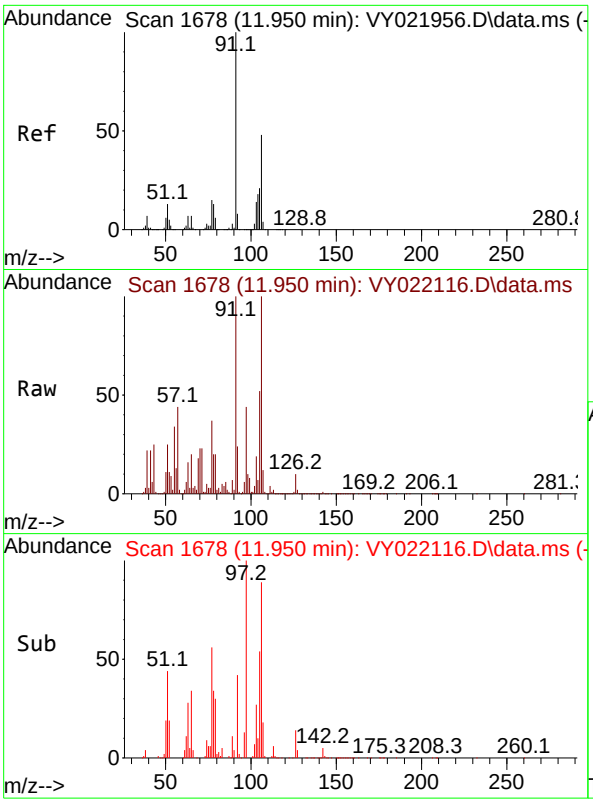


#68
m/p-Xylenes
Concen: 5006.751 ug/l m
RT: 11.621 min Scan# 1624
Delta R.T. -0.007 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:106 Resp:22839702

Ion	Ratio	Lower	Upper
106	100		
91	81.1	156.2	234.2#

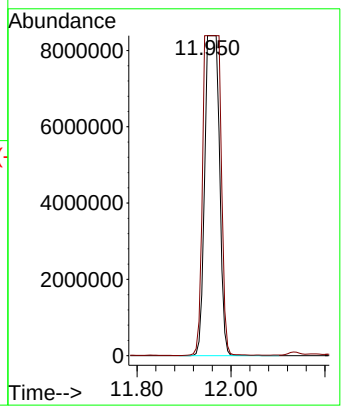




#69
o-Xylene
Concen: 4277.987 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:106 Resp:1798692

Ion	Ratio	Lower	Upper
106	100		
91	0.0	103.0	308.9#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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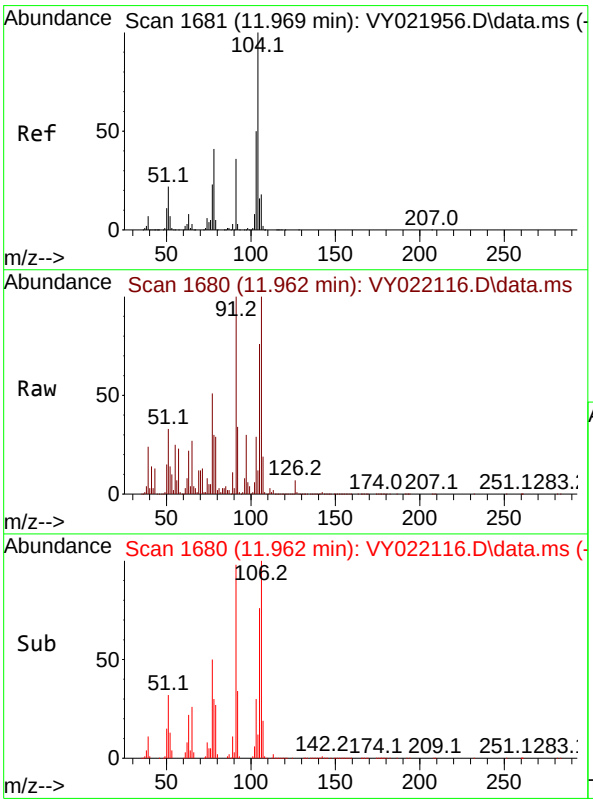
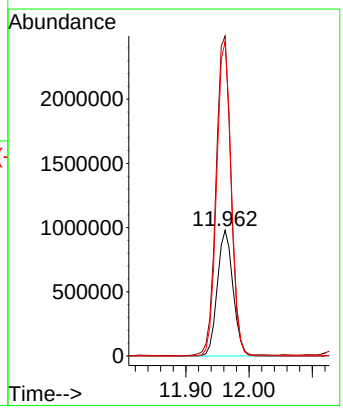
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

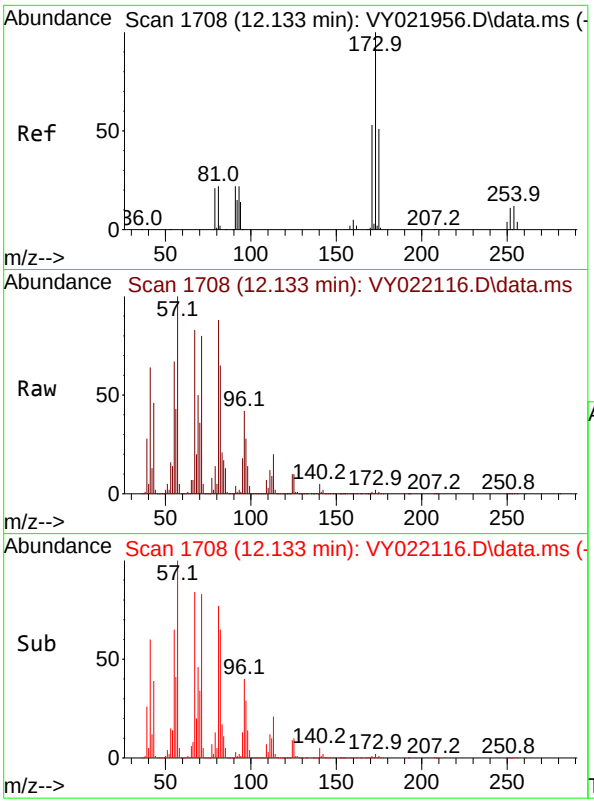


#70
Styrene
Concen: 238.369 ug/l
RT: 11.962 min Scan# 1680
Delta R.T. -0.007 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:104 Resp: 1682772

Ion	Ratio	Lower	Upper
104	100		
78	243.4	36.6	54.8#
103	233.9	43.8	65.8#

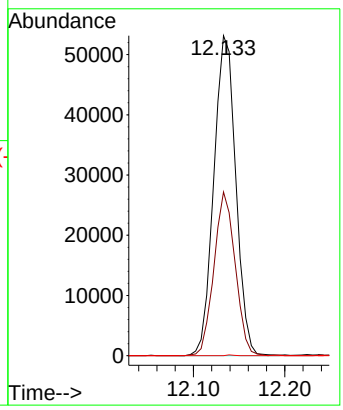




#71
Bromoform
Concen: 61.979 ug/l
RT: 12.133 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:173 Resp: 8890

Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.3	72.8
254	0.1	0.0	0.0#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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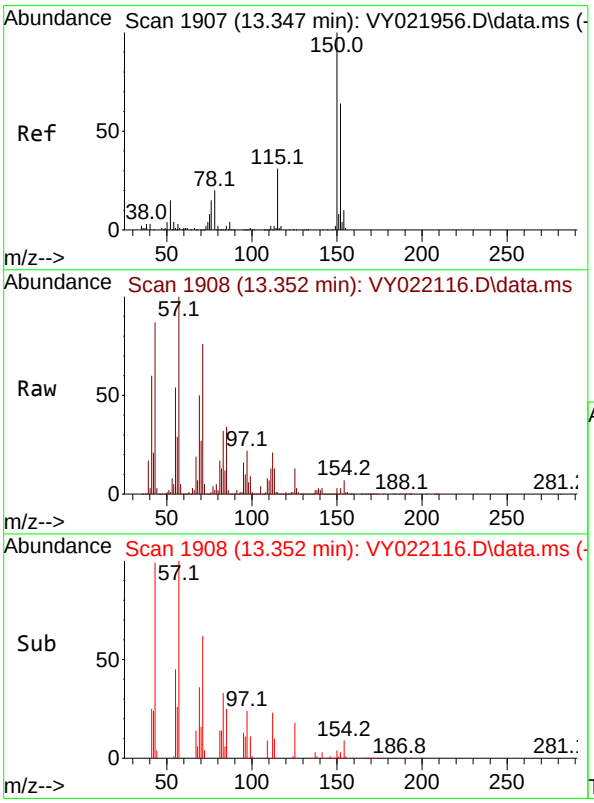
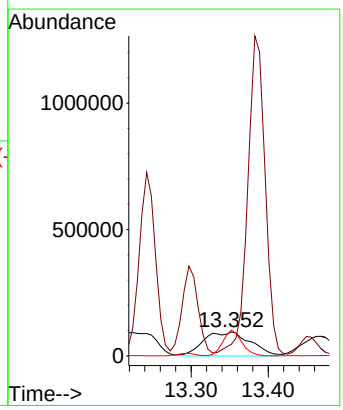
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

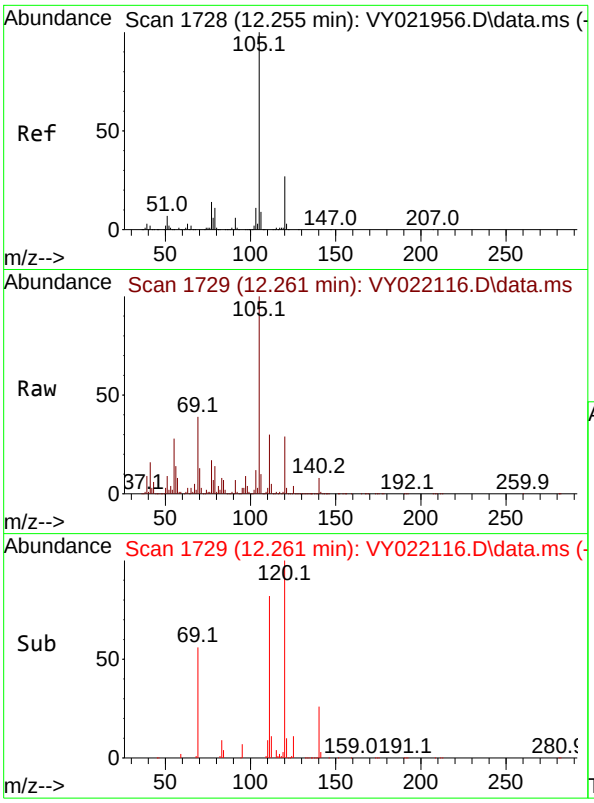


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l m
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:152 Resp: 398456

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.0	84.0#
150	0.0	0.0	345.6

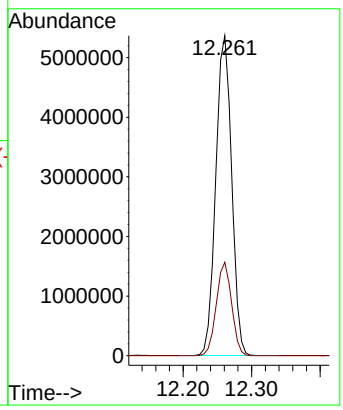




#73
Isopropylbenzene
Concen: 323.025 ug/l
RT: 12.261 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:105 Resp: 859925

Ion	Ratio	Lower	Upper
105	100		
120	28.1	13.5	40.5



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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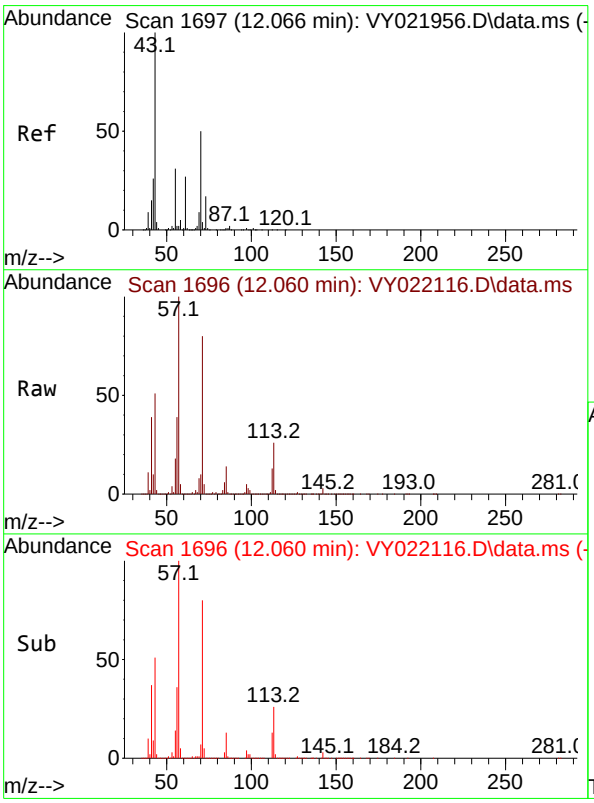
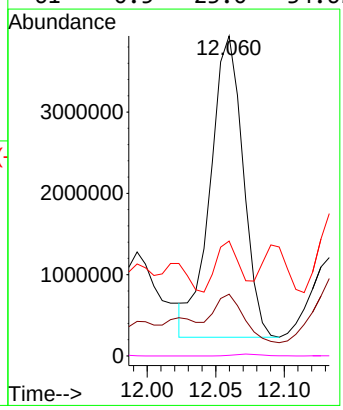
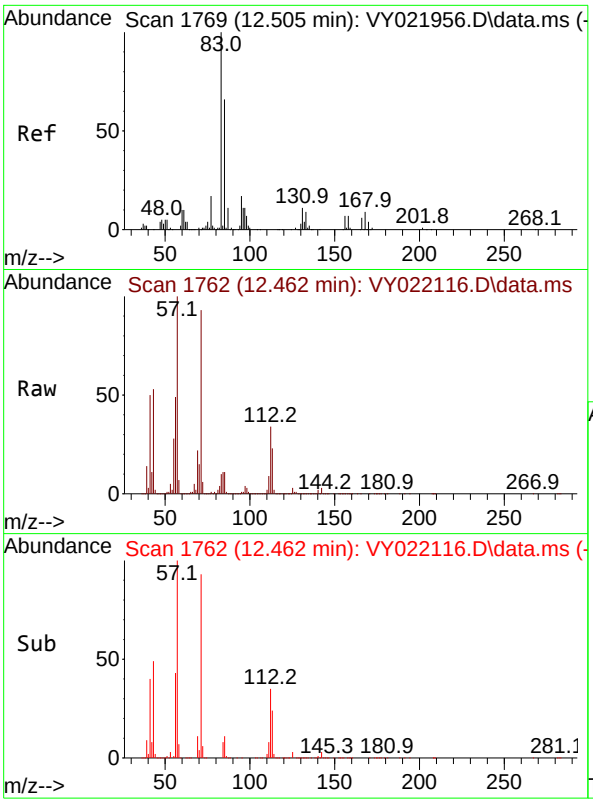


#74
N-amyl acetate
Concen: 1348.493 ug/l
RT: 12.060 min Scan# 1696
Delta R.T. -0.007 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 43 Resp: 6167681

Ion	Ratio	Lower	Upper
43	100		
70	15.9	43.2	64.8#
55	12.3	25.7	38.5#
61	0.5	23.0	34.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 195.416 ug/l
RT: 12.462 min Scan# 1
Delta R.T. -0.043 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 83 Resp: 87707

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.4#
85	139.0	32.3	96.8#

Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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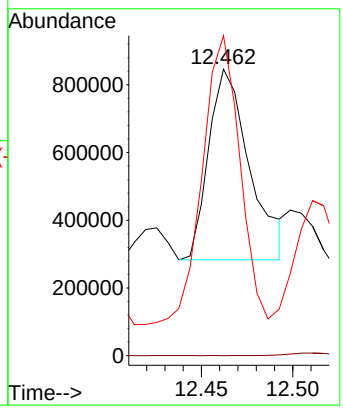
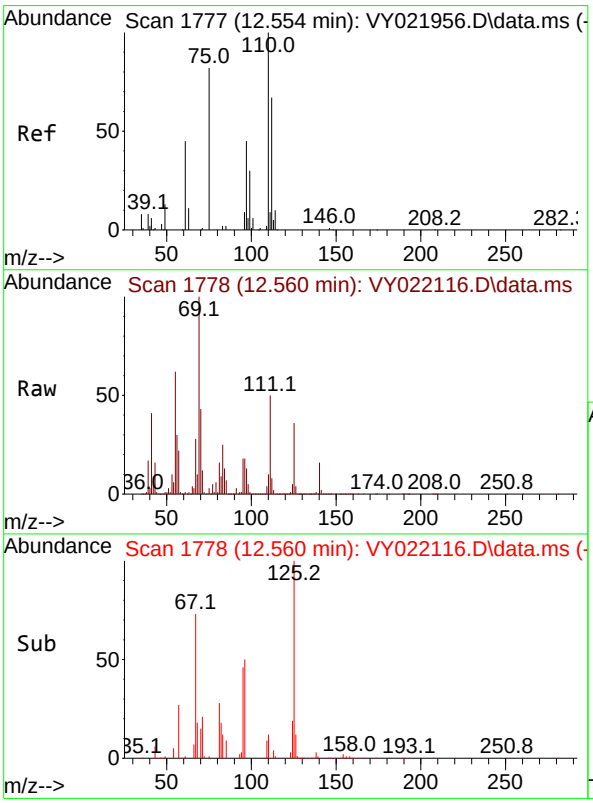
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

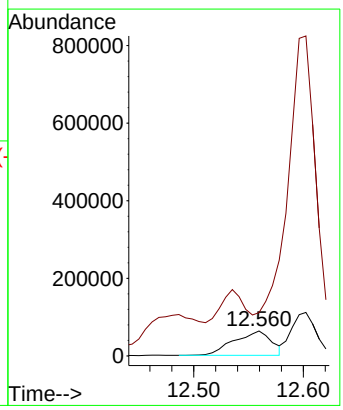


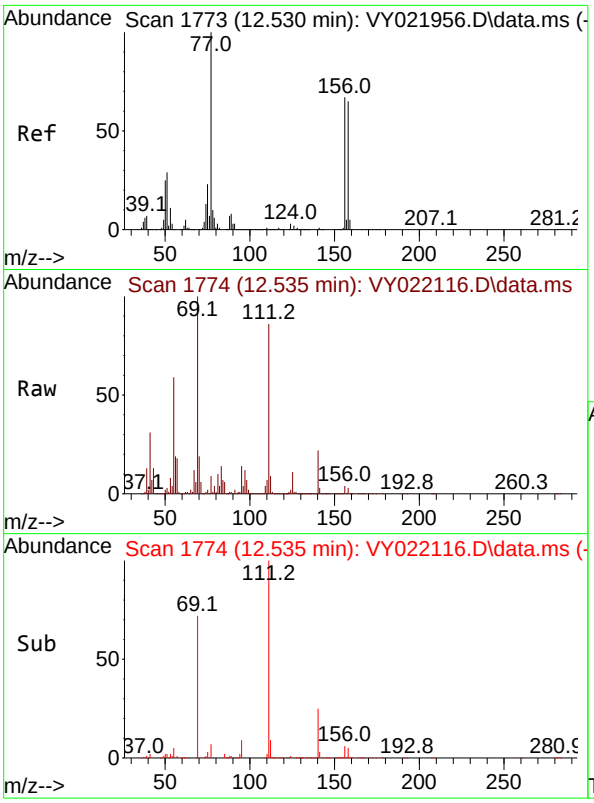


#76
1,2,3-Trichloropropane
Concen: 43.425 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 75 Resp: 148207

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

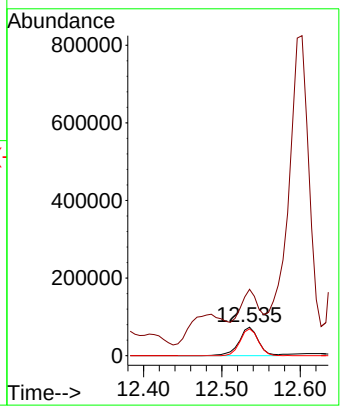




#77
Bromobenzene
Concen: 18.715 ug/l
RT: 12.535 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:156 Resp: 12589

Ion	Ratio	Lower	Upper
156	100		
77	0.0	82.7	248.1#
158	88.2	48.1	144.4



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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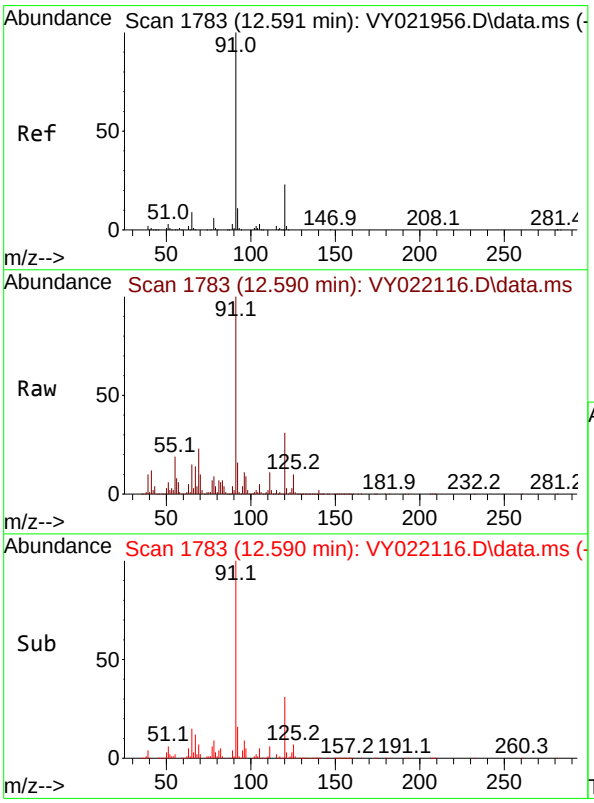
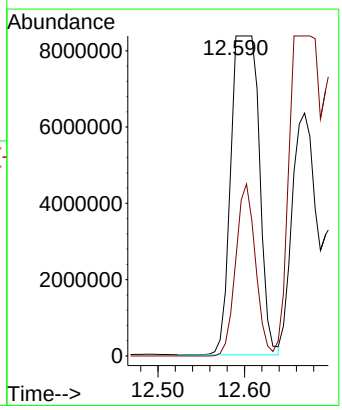
Reviewed By :Semsettin Yesilyurt 05/05/2025
Supervised By :Mahesh Dadoda 05/05/2025

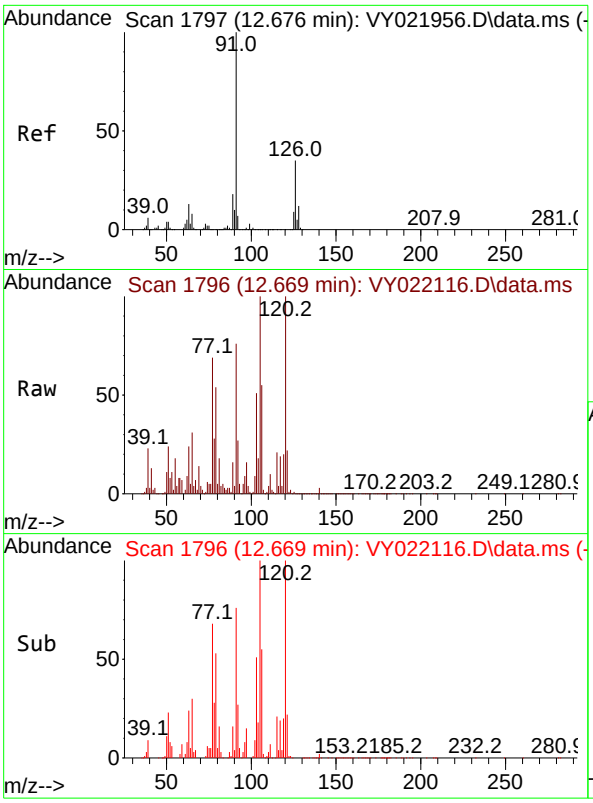


#78
n-propylbenzene
Concen: 599.714 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 91 Resp:19012528

Ion	Ratio	Lower	Upper
91	100		
120	37.6	11.9	35.5#

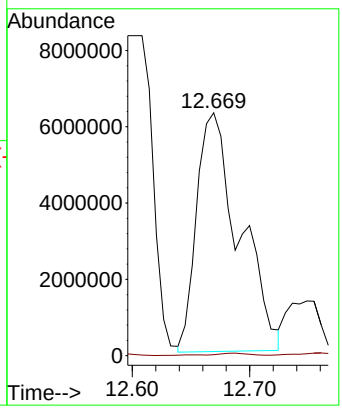




#79
2-Chlorotoluene
Concen: 858.524 ug/l
RT: 12.669 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 91 Resp:1582865

Ion	Ratio	Lower	Upper
91	100		
126	0.8	17.9	53.8



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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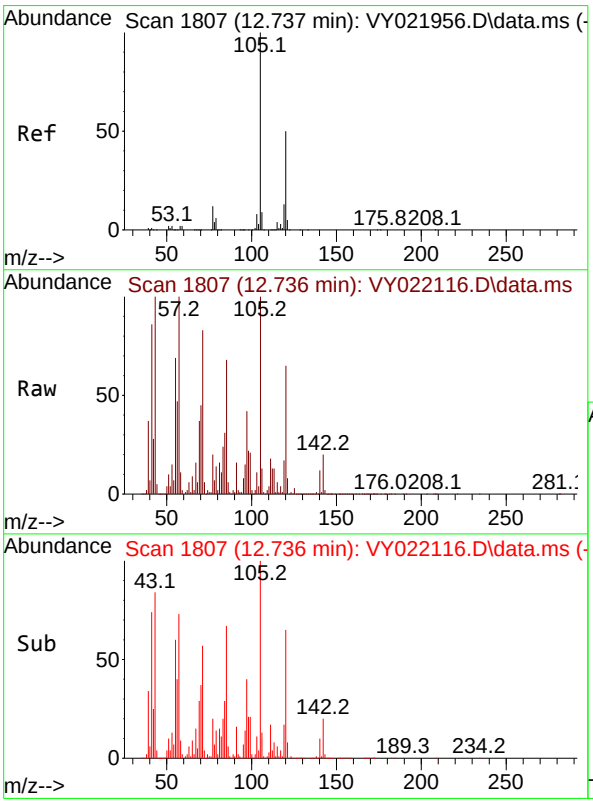
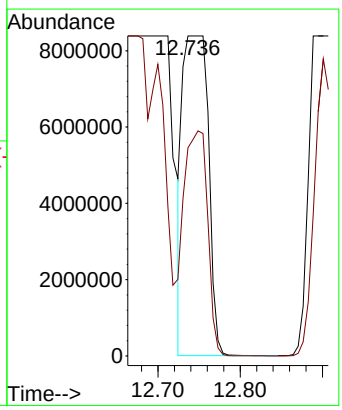
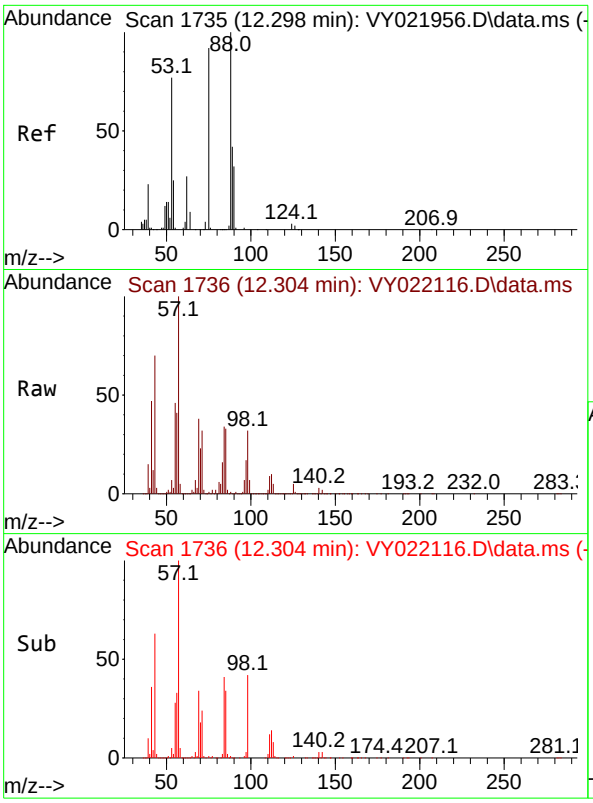


#80
1,3,5-Trimethylbenzene
Concen: 832.754 ug/l
RT: 12.736 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:105 Resp:18265916

Ion	Ratio	Lower	Upper
105	100		
120	67.7	25.0	75.0





#81
trans-1,4-Dichloro-2-butene
Concen: 29.036 ug/l
RT: 12.304 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 75 Resp: 4115

Ion	Ratio	Lower	Upper
75	100		
53	973.5	66.0	99.0#
89	46.9	37.2	55.8

Instrument :
MSVOA_Y
ClientSampleId :
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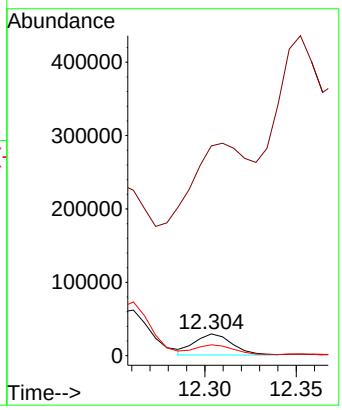
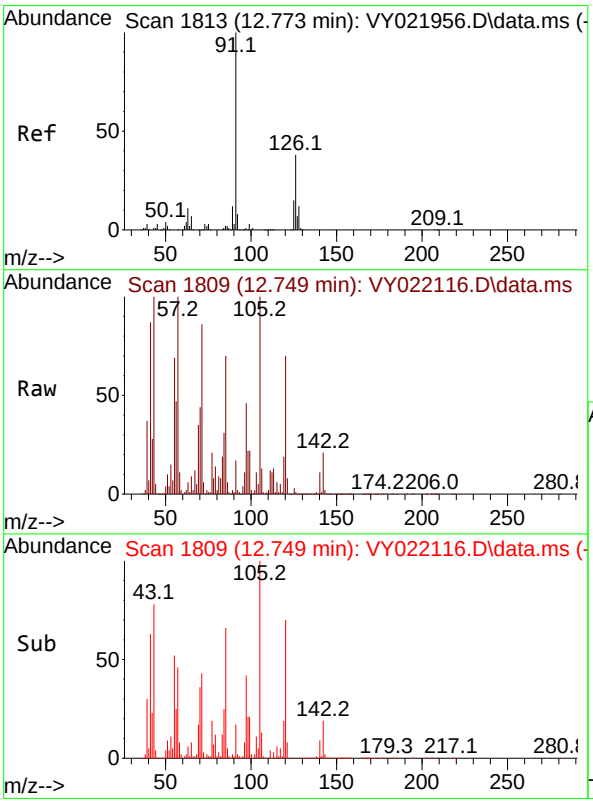
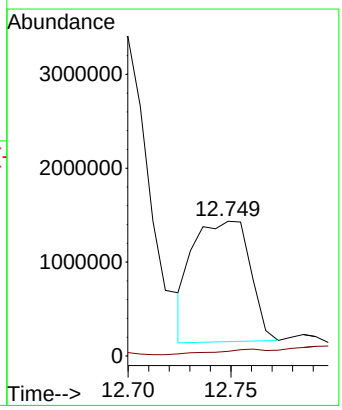


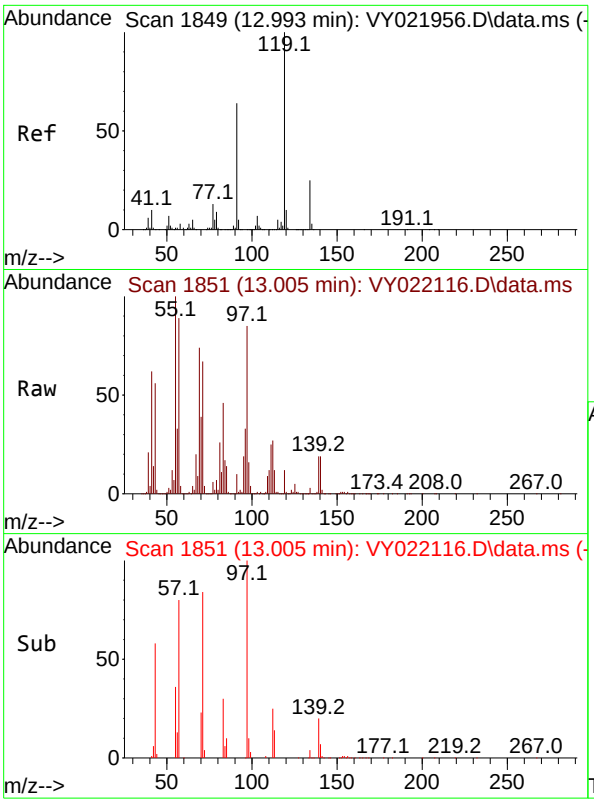


#82
4-Chlorotoluene
Concen: 128.795 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. -0.025 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 91 Resp: 2468473

Ion	Ratio	Lower	Upper
91	100		
126	4.1	17.9	53.8#

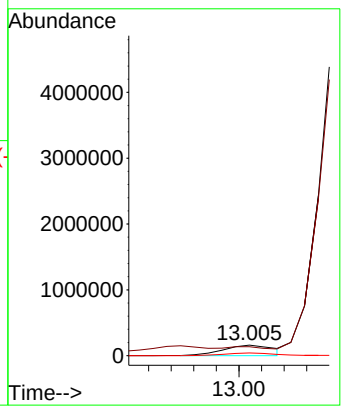




#83
tert-Butylbenzene
Concen: 12.546 ug/l m
RT: 13.005 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:119 Resp: 24679

Ion	Ratio	Lower	Upper
119	100		
91	4539.2	30.3	90.9
134	0.0	12.9	38.7#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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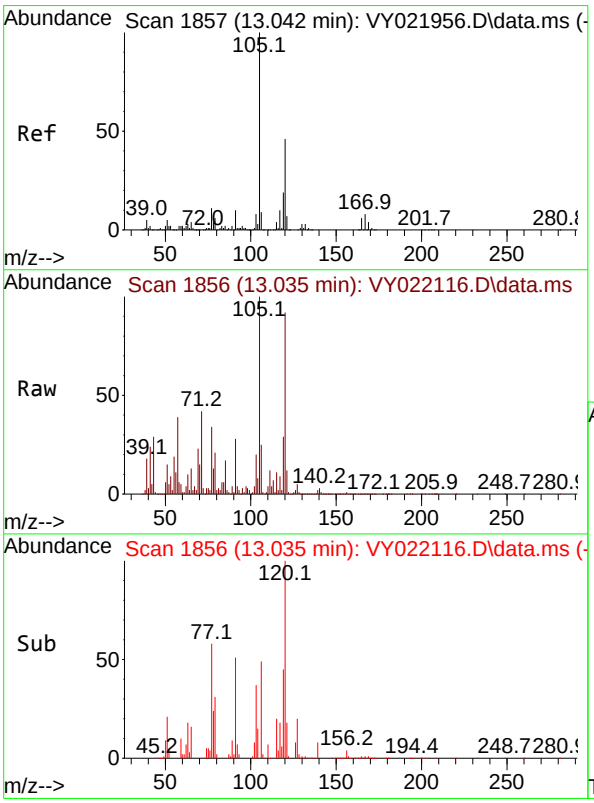
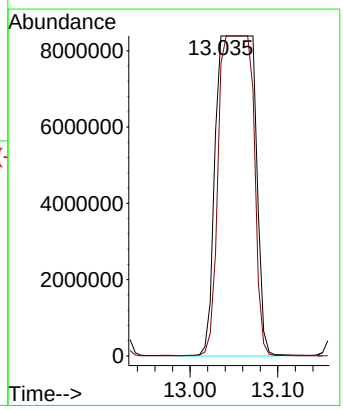
Supervised By :Mahesh Dadoda 05/05/2025

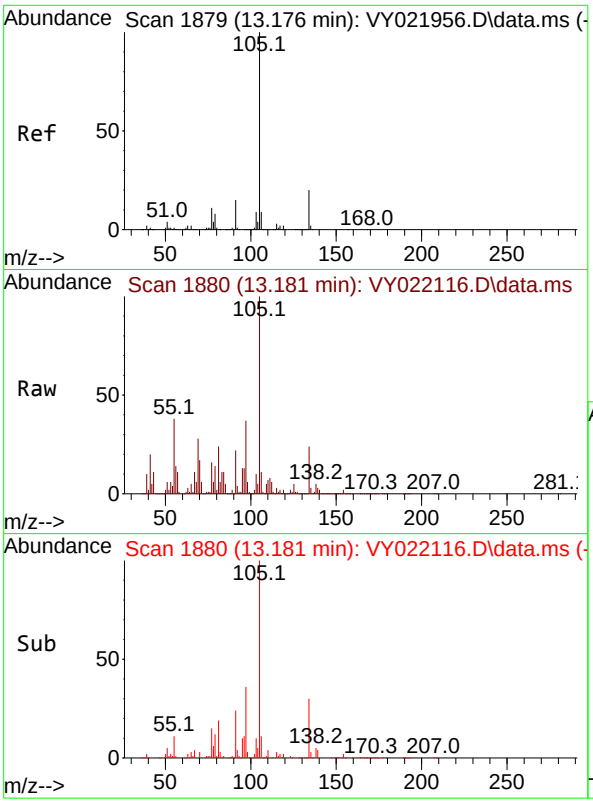


#84
1,2,4-Trimethylbenzene
Concen: 1180.498 ug/l m
RT: 13.035 min Scan# 1856
Delta R.T. -0.007 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:105 Resp:25899369

Ion	Ratio	Lower	Upper
105	100		
120	0.0	23.4	70.0#

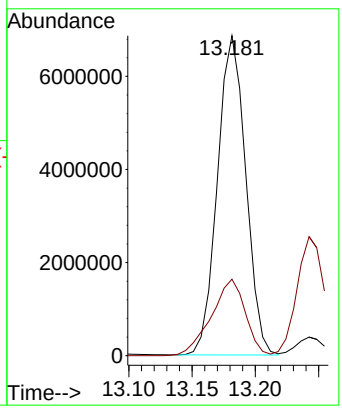




#85
sec-Butylbenzene
Concen: 370.757 ug/l
RT: 13.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:105 Resp:1067255

Ion	Ratio	Lower	Upper
105	100		
134	28.8	10.3	30.9



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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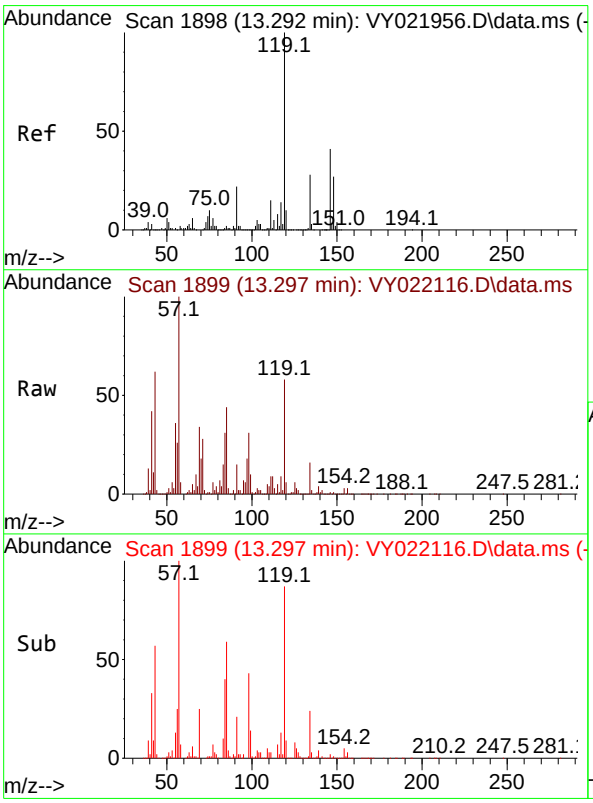
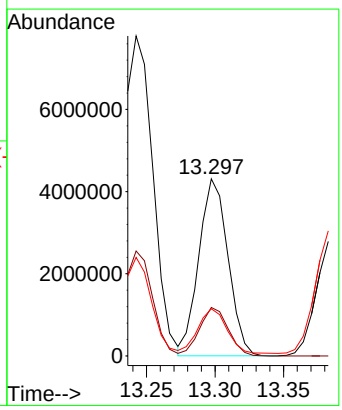
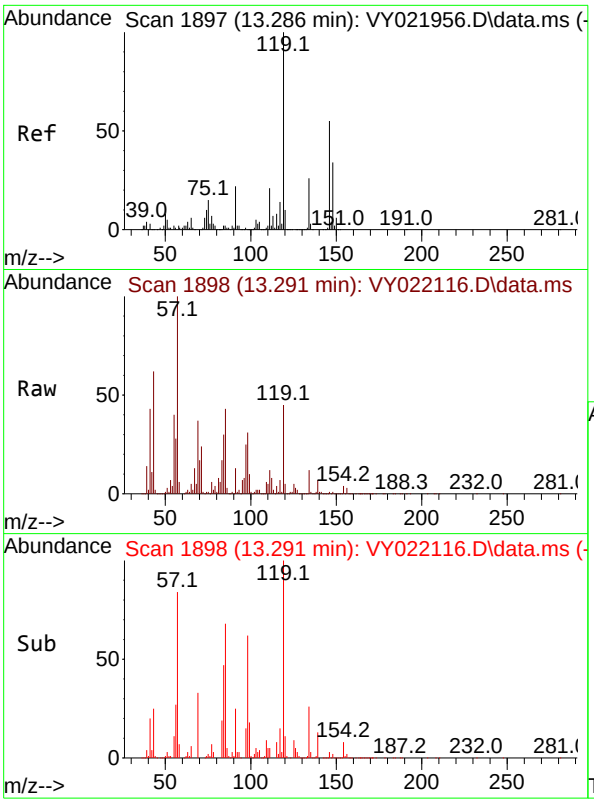


#86
p-Isopropyltoluene
Concen: 261.054 ug/l
RT: 13.297 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:119 Resp: 6381079

Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.6	40.7
91	24.8	11.0	33.0

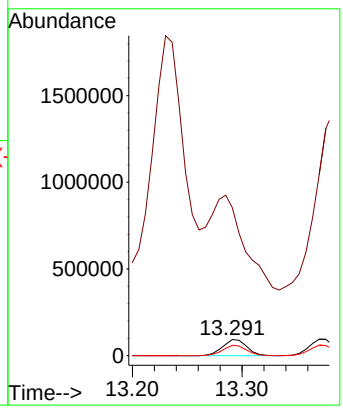




#87
1,3-Dichlorobenzene
Concen: 10.387 ug/l
RT: 13.291 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:146 Resp: 14191

Ion	Ratio	Lower	Upper
146	100		
111	757.3	19.1	57.5#
148	63.0	32.0	96.2



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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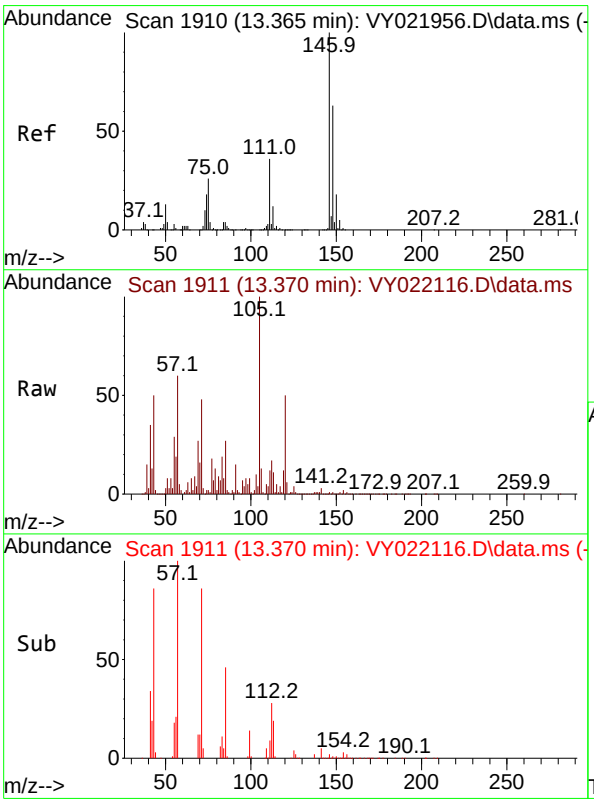
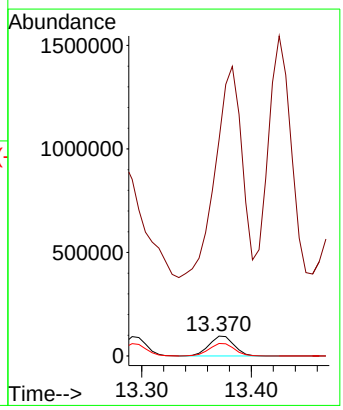
Supervised By :Mahesh Dadoda 05/05/2025

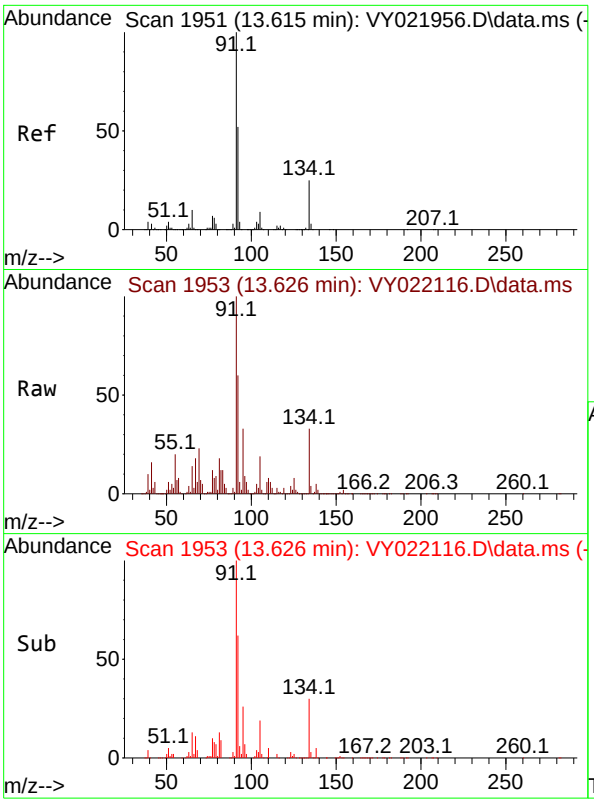


#88
1,4-Dichlorobenzene
Concen: 11.192 ug/l
RT: 13.370 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:146 Resp: 151433

Ion	Ratio	Lower	Upper
146	100		
111	1123.3	19.2	57.6#
148	63.4	32.0	96.0

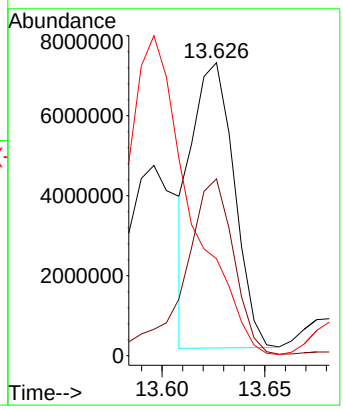




#89
n-Butylbenzene
Concen: 463.538 ug/l
RT: 13.626 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 91 Resp:1012757

Ion	Ratio	Lower	Upper
91	100		
92	71.6	26.5	79.5
134	0.0	13.4	40.1#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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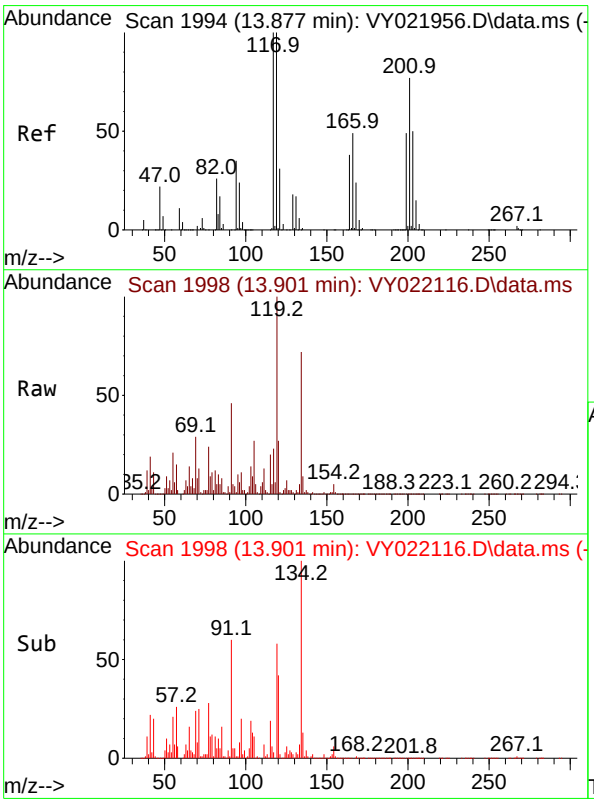
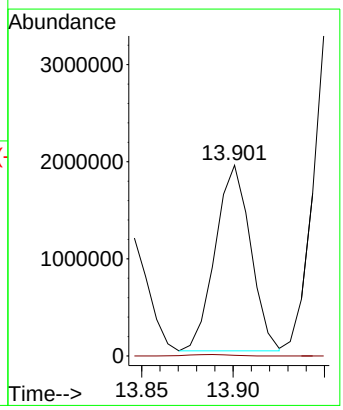
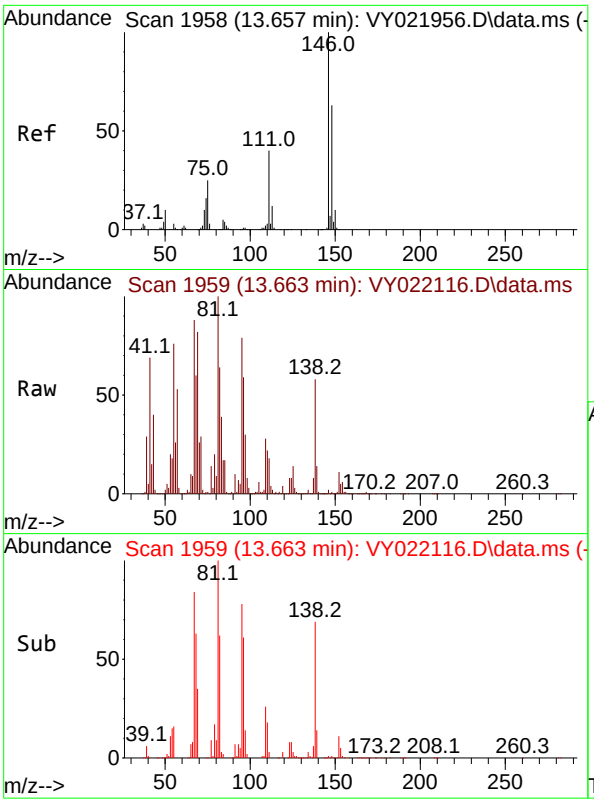


#90
Hexachloroethane
Concen: 478.904 ug/l
RT: 13.901 min Scan# 1998
Delta R.T. 0.024 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:117 Resp: 2571936

Ion	Ratio	Lower	Upper
117	100		
201	0.9	38.7	116.1#

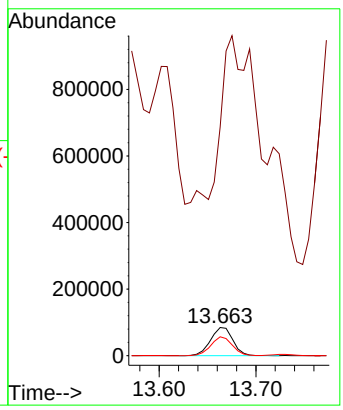




#91
1,2-Dichlorobenzene
Concen: 11.313 ug/l
RT: 13.663 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:146 Resp: 13480

Ion	Ratio	Lower	Upper
146	100		
111	800.3	19.7	59.1#
148	64.7	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

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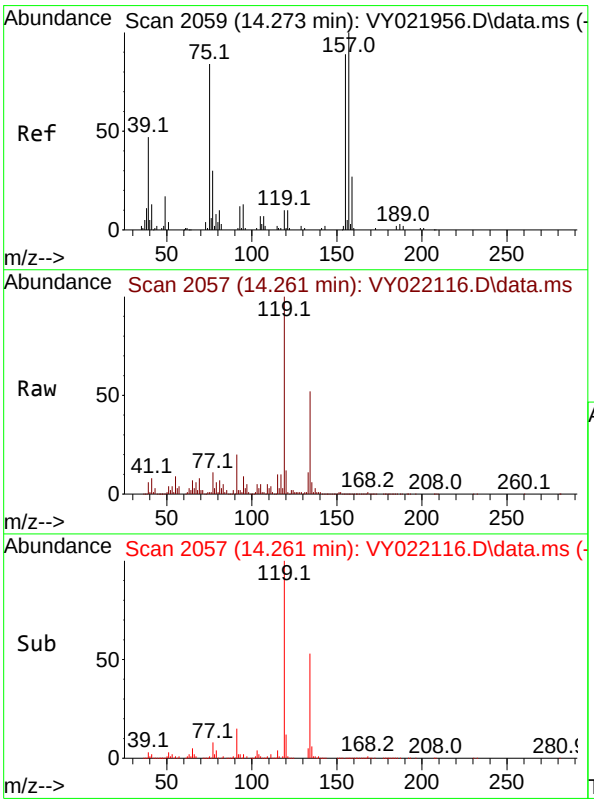
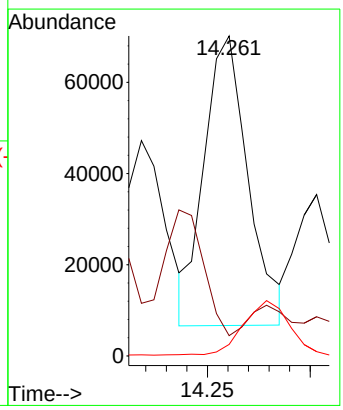
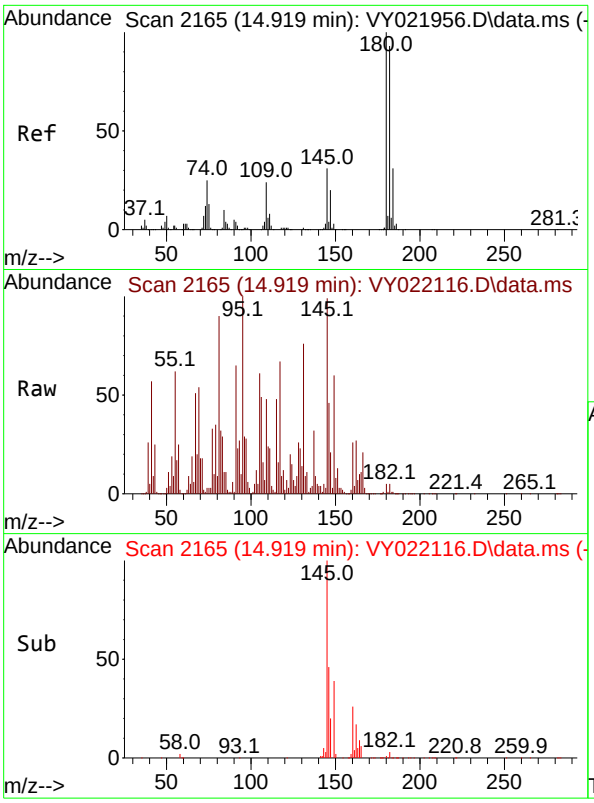


#92
1,2-Dibromo-3-Chloropropane
Concen: 132.134 ug/l
RT: 14.261 min Scan# 2057
Delta R.T. -0.013 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion: 75 Resp: 94352

Ion	Ratio	Lower	Upper
75	100		
155	9.5	50.7	152.3#
157	19.8	62.6	187.8#

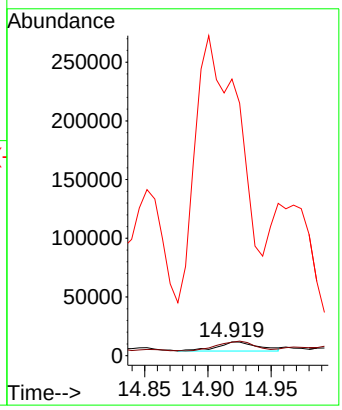




#93
1,2,4-Trichlorobenzene
Concen: 2.621 ug/l
RT: 14.919 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:180 Resp: 1769

Ion	Ratio	Lower	Upper
180	100		
182	109.8	47.1	141.4
145	0.0	15.0	45.0



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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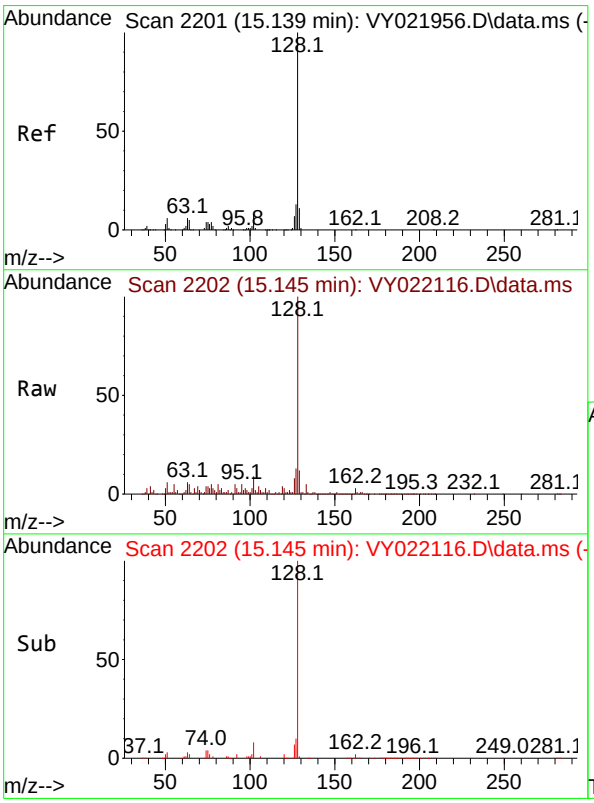
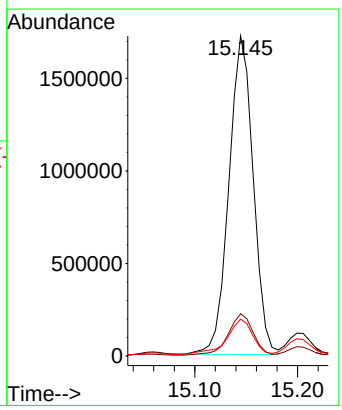
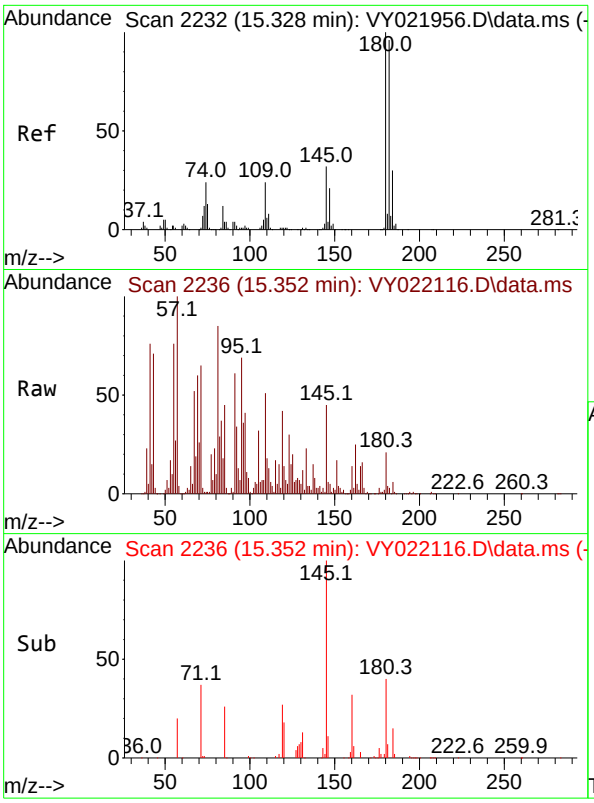


#95
Naphthalene
Concen: 252.046 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:128 Resp: 2827247

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.7	8.9	13.3

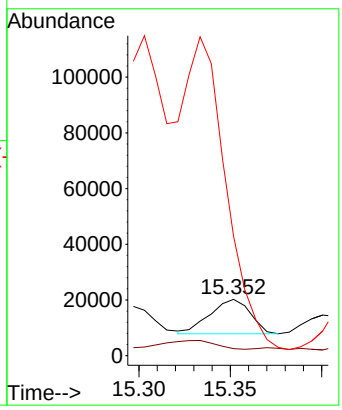




#96
1,2,3-Trichlorobenzene
Concen: 3.248 ug/l
RT: 15.352 min Scan# 2
Delta R.T. 0.024 min
Lab File: VY022116.D
Acq: 01 May 2025 18:46

Tgt Ion:180 Resp: 1893

Ion	Ratio	Lower	Upper
180	100		
182	36.1	48.1	144.4#
145	888.4	16.0	48.0#



Instrument :
MSVOA_Y
ClientSampleId :
SS-8MSD

Manual Integrations
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Supervised By :Mahesh Dadoda 05/05/2025

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

Manual Integration Report

Sequence:	VN041525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086277.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:06:57 AM	SAM	4/16/2025 3:43:50 PM	Peak Integrated by Software
VSTDICC001	VN086277.D	1,4-Dichlorobenzene	JOHN	4/16/2025 9:06:57 AM	SAM	4/16/2025 3:43:50 PM	Peak Integrated by Software
VSTDICC001	VN086277.D	Acetone	JOHN	4/16/2025 9:06:57 AM	SAM	4/16/2025 3:43:50 PM	Peak Integrated by Software
VSTDICC005	VN086278.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:03 AM	SAM	4/16/2025 3:44:01 PM	Peak Integrated by Software
VSTDICC005	VN086278.D	trans-1,4-Dichloro-2-but ene	JOHN	4/16/2025 9:07:03 AM	SAM	4/16/2025 3:44:01 PM	Peak Integrated by Software
VSTDICC005	VN086278.D	Vinyl Acetate	JOHN	4/16/2025 9:07:03 AM	SAM	4/16/2025 3:44:01 PM	Peak Integrated by Software
VSTDICC010	VN086279.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:07 AM	SAM	4/16/2025 3:44:03 PM	Peak Integrated by Software
VSTDICC010	VN086279.D	Allyl chloride	JOHN	4/16/2025 9:07:07 AM	SAM	4/16/2025 3:44:03 PM	Peak Integrated by Software
VSTDICC020	VN086280.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:11 AM	SAM	4/16/2025 3:44:07 PM	Peak Integrated by Software
VSTDICC020	VN086280.D	trans-1,4-Dichloro-2-but ene	JOHN	4/16/2025 9:07:11 AM	SAM	4/16/2025 3:44:07 PM	Peak Integrated by Software
VSTDICC020	VN086280.D	Vinyl Acetate	JOHN	4/16/2025 9:07:11 AM	SAM	4/16/2025 3:44:07 PM	Peak Integrated by Software
VSTDICCC050	VN086281.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:15 AM	SAM	4/16/2025 3:44:11 PM	Peak Integrated by Software
VSTDICCC050	VN086281.D	trans-1,4-Dichloro-2-but ene	JOHN	4/16/2025 9:07:15 AM	SAM	4/16/2025 3:44:11 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN041525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN086282.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:19 AM	SAM	4/16/2025 3:44:11 PM	Peak Integrated by Software
VSTDICC100	VN086282.D	trans-1,4-Dichloro-2-butene	JOHN	4/16/2025 9:07:19 AM	SAM	4/16/2025 3:44:11 PM	Peak Integrated by Software
VSTDICV050	VN086284.D	1,2,3-Trichloropropane	JOHN	4/16/2025 9:07:24 AM	SAM	4/16/2025 3:44:13 PM	Peak Integrated by Software
VSTDICV050	VN086284.D	trans-1,4-Dichloro-2-butene	JOHN	4/16/2025 9:07:24 AM	SAM	4/16/2025 3:44:13 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VN050525	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN086478.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:56:49 AM	MMDadoda	5/6/2025 12:40:29 PM	Peak Integrated by Software
VN0505MBS01	VN086491.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:57:31 AM	MMDadoda	5/6/2025 12:40:34 PM	Peak Integrated by Software
VSTDCCC050	VN086502.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:57:41 AM	MMDadoda	5/6/2025 12:40:38 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vn050625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN086504.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:49:28 AM	MMDadoda	5/7/2025 1:28:59 PM	Peak Integrated by Software
VN0506MBS01	VN086515.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:50:03 AM	MMDadoda	5/7/2025 1:29:12 PM	Peak Integrated by Software
VSTDCCC050	VN086526.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:50:21 AM	MMDadoda	5/7/2025 1:29:26 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045525.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dichlorobenzene	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dioxane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Ethyl methacrylate	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Methacrylonitrile	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC005	VX045526.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:22 PM	MMDadoda	4/2/2025 2:16:07 PM	Peak Integrated by Software
VSTDICC020	VX045527.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:25 PM	MMDadoda	4/2/2025 2:16:09 PM	Peak Integrated by Software
VSTDICCC050	VX045528.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:26 PM	MMDadoda	4/2/2025 2:16:11 PM	Peak Integrated by Software
VSTDICC100	VX045529.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:28 PM	MMDadoda	4/2/2025 2:16:15 PM	Peak Integrated by Software
VSTDICC150	VX045530.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:30 PM	MMDadoda	4/2/2025 2:16:46 PM	Peak Integrated by Software
VSTDICV050	VX045532.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:32 PM	MMDadoda	4/2/2025 2:17:50 PM	Peak Integrated by Software
VSTDCCC050	VX045534.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:10 AM	MMDadoda	4/3/2025 1:12:02 PM	Peak Integrated by Software
VSTDCCC050	VX045557.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:58 AM	MMDadoda	4/3/2025 1:12:08 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vx043025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045985.D	1,2,3-Trichloropropane	JOHN	5/2/2025 9:59:52 AM	sam	5/5/2025 4:28:28 AM	Peak Integrated by Software
VX0430WBS01	VX045988.D	1,2,3-Trichloropropane	JOHN	5/2/2025 9:59:57 AM	sam	5/5/2025 4:28:33 AM	Peak Integrated by Software
VX0430WBSD01	VX045989.D	1,2,3-Trichloropropane	JOHN	5/2/2025 10:00:03 AM	sam	5/5/2025 4:28:37 AM	Peak Integrated by Software
VSTDCCC050	VX046011.D	1,2,3-Trichloropropane	JOHN	5/2/2025 10:00:27 AM	sam	5/5/2025 4:28:48 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY042225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY021953.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:48 AM	MMDadoda	4/23/2025 1:28:59 PM	Peak Integrated by Software
VSTDICC005	VY021953.D	Ethyl Acetate	SAM	4/23/2025 7:34:48 AM	MMDadoda	4/23/2025 1:28:59 PM	Peak Integrated by Software
VSTDICC005	VY021953.D	Methacrylonitrile	SAM	4/23/2025 7:34:48 AM	MMDadoda	4/23/2025 1:28:59 PM	Peak Integrated by Software
VSTDICC005	VY021953.D	Tert butyl alcohol	SAM	4/23/2025 7:34:48 AM	MMDadoda	4/23/2025 1:28:59 PM	Peak Integrated by Software
VSTDICC010	VY021954.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:50 AM	MMDadoda	4/23/2025 1:29:03 PM	Peak Integrated by Software
VSTDICC010	VY021954.D	Ethyl Acetate	SAM	4/23/2025 7:34:50 AM	MMDadoda	4/23/2025 1:29:03 PM	Peak Integrated by Software
VSTDICC010	VY021954.D	Methacrylonitrile	SAM	4/23/2025 7:34:50 AM	MMDadoda	4/23/2025 1:29:03 PM	Peak Integrated by Software
VSTDICC020	VY021955.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:51 AM	MMDadoda	4/23/2025 1:29:07 PM	Peak Integrated by Software
VSTDICC020	VY021955.D	Methacrylonitrile	SAM	4/23/2025 7:34:51 AM	MMDadoda	4/23/2025 1:29:07 PM	Peak Integrated by Software
VSTDICCC050	VY021956.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:53 AM	MMDadoda	4/23/2025 1:29:11 PM	Peak Integrated by Software
VSTDICC100	VY021957.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:56 AM	MMDadoda	4/23/2025 1:29:15 PM	Peak Integrated by Software
VSTDICC150	VY021958.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:57 AM	MMDadoda	4/23/2025 1:29:19 PM	Peak Integrated by Software
VSTDICV050	VY021960.D	1,2,3-Trichloropropane	SAM	4/23/2025 7:34:59 AM	MMDadoda	4/23/2025 1:29:23 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY042225	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	vy050125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022095.D	1,2,3-Trichloropropane	Sam	5/5/2025 2:51:05 PM	MMDadoda	5/5/2025 2:57:20 PM	Peak Integrated by Software
VY0501SBS01	VY022097.D	1,2,3-Trichloropropane	sam	5/5/2025 4:29:49 AM	MMDadoda	5/5/2025 2:57:21 PM	Peak Integrated by Software
Q1914-06	VY022112.D	1,2,4-Trimethylbenzene	sam	5/5/2025 4:29:58 AM	MMDadoda	5/5/2025 2:57:26 PM	Peak Integrated by Software
Q1914-07	VY022113.D	1,2,4-Trimethylbenzene	sam	5/5/2025 4:30:02 AM	MMDadoda	5/5/2025 2:57:31 PM	Peak Integrated by Software
Q1914-07	VY022113.D	m/p-Xylenes	sam	5/5/2025 4:30:02 AM	MMDadoda	5/5/2025 2:57:31 PM	Peak Integrated by Software
Q1914-09	VY022114.D	1,2,4-Trimethylbenzene	sam	5/5/2025 4:30:07 AM	MMDadoda	5/5/2025 2:57:54 PM	Peak Integrated by Software
Q1914-09	VY022114.D	1,3,5-Trimethylbenzene	sam	5/5/2025 4:30:07 AM	MMDadoda	5/5/2025 2:57:54 PM	Peak Integrated by Software
Q1914-09	VY022114.D	Ethyl Benzene	sam	5/5/2025 4:30:07 AM	MMDadoda	5/5/2025 2:57:54 PM	Peak Integrated by Software
Q1914-09	VY022114.D	m/p-Xylenes	sam	5/5/2025 4:30:07 AM	MMDadoda	5/5/2025 2:57:54 PM	Peak Integrated by Software
Q1914-09	VY022114.D	n-propylbenzene	sam	5/5/2025 4:30:07 AM	MMDadoda	5/5/2025 2:57:54 PM	Peak Integrated by Software
Q1914-09	VY022114.D	o-Xylene	sam	5/5/2025 4:30:07 AM	MMDadoda	5/5/2025 2:57:54 PM	Peak Integrated by Software
Q1914-10MS	VY022115.D	1,2,4-Trimethylbenzene	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-10MS	VY022115.D	1,3,5-Trimethylbenzene	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy050125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1914-10MS	VY022115.D	Dibromochloromethane	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-10MS	VY022115.D	Ethyl Benzene	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-10MS	VY022115.D	m/p-Xylenes	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-10MS	VY022115.D	Methyl methacrylate	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-10MS	VY022115.D	n-propylbenzene	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-10MS	VY022115.D	o-Xylene	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-10MS	VY022115.D	tert-Butylbenzene	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-10MS	VY022115.D	Vinyl Acetate	sam	5/15/2025 8:42:57 AM	MMdadoda	5/15/2025 8:43:35 AM	Peak Integrated by Software
Q1914-11MSD	VY022116.D	1,2,4-Trimethylbenzene	sam	5/5/2025 4:30:12 AM	MMDadoda	5/5/2025 2:57:55 PM	Peak Integrated by Software
Q1914-11MSD	VY022116.D	1,4-Dichlorobenzene-d4	sam	5/5/2025 4:30:12 AM	MMDadoda	5/5/2025 2:57:55 PM	Peak Integrated by Software
Q1914-11MSD	VY022116.D	m/p-Xylenes	sam	5/5/2025 4:30:12 AM	MMDadoda	5/5/2025 2:57:55 PM	Peak Integrated by Software
Q1914-11MSD	VY022116.D	tert-Butylbenzene	sam	5/5/2025 4:30:12 AM	MMDadoda	5/5/2025 2:57:55 PM	Peak Integrated by Software
Q1914-11MSD	VY022116.D	Vinyl Acetate	sam	5/5/2025 4:30:12 AM	MMDadoda	5/5/2025 2:57:55 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy050125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022117.D	1,2,3-Trichloropropane	sam	5/5/2025 4:30:16 AM	MMDadoda	5/5/2025 2:57:56 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY050625	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY022170.D	1,2,3-Trichloropropane	MMDadoda	5/7/2025 1:27:53 PM	Sam	5/7/2025 1:47:07 PM	Peak Integrated by Software
VY0506SBS01	VY022172.D	1,2,3-Trichloropropane	MMDadoda	5/7/2025 1:27:53 PM	Sam	5/7/2025 1:47:07 PM	Peak Integrated by Software
VSTDCCC050	VY022180.D	1,2,3-Trichloropropane	MMDadoda	5/7/2025 1:27:58 PM	Sam	5/7/2025 1:47:12 PM	Peak Integrated by Software

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN041525

Review By	John Carlone	Review On	4/16/2025 9:07:40 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	4/16/2025 3:44:21 PM				
SubDirectory	VN041525	HP Acquire Method	MSVOA_N	HP Processing Method	82N041525W.M		

STD. NAME	STD REF.#
Tune/Reschk	VP133665
Initial Calibration Stds	VP133667,VP133668,VP133669,VP133670,VP133671,VP133672
CCC	
Internal Standard/PEM	VP131746
ICV/I.BLK	VP133673
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086276.D	15 Apr 2025 10:47	JC\MD	Ok
2	VSTDICC001	VN086277.D	15 Apr 2025 11:29	JC\MD	Ok,M
3	VSTDICC005	VN086278.D	15 Apr 2025 12:21	JC\MD	Ok,M
4	VSTDICC010	VN086279.D	15 Apr 2025 12:45	JC\MD	Ok,M
5	VSTDICC020	VN086280.D	15 Apr 2025 13:09	JC\MD	Ok,M
6	VSTDICCC050	VN086281.D	15 Apr 2025 13:51	JC\MD	Ok,M
7	VSTDICC100	VN086282.D	15 Apr 2025 14:29	JC\MD	Ok,M
8	VIBLK	VN086283.D	15 Apr 2025 15:06	JC\MD	Ok
9	VSTDICV050	VN086284.D	15 Apr 2025 15:30	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN050525

Review By	John Carlone	Review On	5/6/2025 10:01:09 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:40:44 PM		
SubDirectory	VN050525	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133808
Initial Calibration Stds	
CCC	VP133809,VP133810
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086477.D	05 May 2025 10:23	JC\MD	Ok
2	VSTDCCC050	VN086478.D	05 May 2025 11:32	JC\MD	Ok,M
3	VN0505MBL01	VN086479.D	05 May 2025 12:13	JC\MD	Ok
4	VN0505WBL01	VN086480.D	05 May 2025 12:38	JC\MD	Ok
5	VN0505WBS01	VN086481.D	05 May 2025 13:02	JC\MD	Ok,M
6	VN0505WBSD01	VN086482.D	05 May 2025 13:36	JC\MD	Ok,M
7	IBLK	VN086483.D	05 May 2025 14:00	JC\MD	Ok
8	Q1942-01	VN086484.D	05 May 2025 14:24	JC\MD	Ok
9	Q1942-02	VN086485.D	05 May 2025 14:48	JC\MD	Ok
10	Q1942-03	VN086486.D	05 May 2025 15:12	JC\MD	Ok
11	Q1942-04	VN086487.D	05 May 2025 15:36	JC\MD	Ok
12	Q1956-07	VN086488.D	05 May 2025 16:00	JC\MD	Ok
13	Q1929-05RE	VN086489.D	05 May 2025 16:25	JC\MD	Confirms
14	Q1929-09RE	VN086490.D	05 May 2025 16:49	JC\MD	Confirms
15	VN0505MBS01	VN086491.D	05 May 2025 17:13	JC\MD	Ok,M
16	VN0505MBSD01	VN086492.D	05 May 2025 17:37	JC\MD	Ok,M
17	Q1914-06ME	VN086493.D	05 May 2025 18:01	JC\MD	Not Ok
18	Q1914-07MEDL	VN086494.D	05 May 2025 18:25	JC\MD	Ok
19	Q1914-08DL	VN086495.D	05 May 2025 18:49	JC\MD	Ok
20	Q1914-09MEDL	VN086496.D	05 May 2025 19:14	JC\MD	Ok
21	Q1914-12	VN086497.D	05 May 2025 19:38	JC\MD	Not Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN050525

Review By	John Carlone	Review On	5/6/2025 10:01:09 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:40:44 PM		
SubDirectory	VN050525	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133808
Initial Calibration Stds	
CCC	VP133809,VP133810
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	IBLK	VN086498.D	05 May 2025 20:02	JC\MD	Ok
23	Q1939-03	VN086499.D	05 May 2025 20:26	JC\MD	Not Ok
24	Q1939-06	VN086500.D	05 May 2025 20:50	JC\MD	Ok
25	IBLK	VN086501.D	05 May 2025 21:14	JC\MD	Ok
26	VSTDCCC050	VN086502.D	05 May 2025 21:38	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN050625

Review By	John Carlone	Review On	5/7/2025 9:53:45 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:29:39 PM		
SubDirectory	VN050625	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133826
Initial Calibration Stds	
CCC	VP133827,VP133828
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086503.D	06 May 2025 09:13	JC\MD	Ok
2	VSTDCCC050	VN086504.D	06 May 2025 10:35	JC\MD	Ok,M
3	VN0506MBL01	VN086505.D	06 May 2025 11:11	JC\MD	Ok
4	VN0506WBL01	VN086506.D	06 May 2025 11:35	JC\MD	Ok
5	VN0506WBS01	VN086507.D	06 May 2025 11:59	JC\MD	Ok,M
6	VN0506WBSD01	VN086508.D	06 May 2025 12:34	JC\MD	Ok,M
7	Q1947-04	VN086509.D	06 May 2025 12:58	JC\MD	Ok
8	Q1947-08	VN086510.D	06 May 2025 13:22	JC\MD	Ok
9	Q1951-04	VN086511.D	06 May 2025 13:46	JC\MD	Ok,M
10	Q1956-05	VN086512.D	06 May 2025 14:11	JC\MD	Ok,M
11	Q1959-02	VN086513.D	06 May 2025 14:35	JC\MD	Ok,M
12	Q1960-03	VN086514.D	06 May 2025 14:59	JC\MD	Ok,M
13	VN0506MBS01	VN086515.D	06 May 2025 15:23	JC\MD	Ok,M
14	VN0506MBSD01	VN086516.D	06 May 2025 15:47	JC\MD	Ok,M
15	Q1939-03	VN086517.D	06 May 2025 16:11	JC\MD	ReRun
16	Q1914-06ME	VN086518.D	06 May 2025 16:35	JC\MD	Ok
17	Q1914-07ME	VN086519.D	06 May 2025 16:59	JC\MD	Dilution
18	Q1914-08	VN086520.D	06 May 2025 17:23	JC\MD	Dilution
19	Q1914-09ME	VN086521.D	06 May 2025 17:48	JC\MD	Dilution
20	Q1966-03	VN086522.D	06 May 2025 18:12	JC\MD	ReRun
21	IBLK	VN086523.D	06 May 2025 18:36	JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN050625

Review By	John Carlone	Review On	5/7/2025 9:53:45 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:29:39 PM		
SubDirectory	VN050625	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133826
Initial Calibration Stds	
CCC	VP133827,VP133828
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	IBLK	VN086524.D	06 May 2025 19:00	JC\MD	Ok
23	IBLK	VN086525.D	06 May 2025 19:24	JC\MD	Ok
24	VSTDCCC050	VN086526.D	06 May 2025 19:48	JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDICC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDICC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDICC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDICCC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDICC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDICC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX043025

Review By	John Carlone	Review On	5/2/2025 10:12:27 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/5/2025 4:29:00 AM		
SubDirectory	VX043025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133790
Initial Calibration Stds	
CCC	VP133791,VP133792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045984.D	30 Apr 2025 09:32	JC/MD	Ok
2	VSTDCCC050	VX045985.D	30 Apr 2025 10:01	JC/MD	Ok,M
3	VX0430MBL01	VX045986.D	30 Apr 2025 10:32	JC/MD	Ok
4	VX0430WBL01	VX045987.D	30 Apr 2025 10:55	JC/MD	Ok
5	VX0430WBS01	VX045988.D	30 Apr 2025 11:19	JC/MD	Ok,M
6	VX0430WBSD01	VX045989.D	30 Apr 2025 11:46	JC/MD	Ok,M
7	IBLK	VX045990.D	30 Apr 2025 12:09	JC/MD	Ok
8	Q1914-14	VX045991.D	30 Apr 2025 12:32	JC/MD	Ok
9	Q1904-02	VX045992.D	30 Apr 2025 12:56	JC/MD	Ok
10	Q1901-09	VX045993.D	30 Apr 2025 13:19	JC/MD	Ok
11	Q1901-10	VX045994.D	30 Apr 2025 13:42	JC/MD	Ok
12	Q1915-01	VX045995.D	30 Apr 2025 14:06	JC/MD	Ok
13	Q1901-08	VX045996.D	30 Apr 2025 14:29	JC/MD	Ok
14	Q1905-04	VX045997.D	30 Apr 2025 14:53	JC/MD	Ok
15	Q1905-08	VX045998.D	30 Apr 2025 15:16	JC/MD	Ok
16	Q1906-04	VX045999.D	30 Apr 2025 15:40	JC/MD	Ok
17	Q1906-08	VX046000.D	30 Apr 2025 16:03	JC/MD	Ok
18	Q1906-12	VX046001.D	30 Apr 2025 16:27	JC/MD	Ok
19	Q1906-16	VX046002.D	30 Apr 2025 16:50	JC/MD	Ok
20	Q1907-02	VX046003.D	30 Apr 2025 17:13	JC/MD	Ok,M
21	Q1912-04	VX046004.D	30 Apr 2025 17:37	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX043025

Review By	John Carlone	Review On	5/2/2025 10:12:27 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/5/2025 4:29:00 AM		
SubDirectory	VX043025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133790
Initial Calibration Stds	
CCC	VP133791,VP133792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1912-08	VX046005.D	30 Apr 2025 18:00	JC/MD	Ok
23	Q1913-01	VX046006.D	30 Apr 2025 18:24	JC/MD	Ok
24	Q1913-03	VX046007.D	30 Apr 2025 18:47	JC/MD	Ok
25	Q1913-04	VX046008.D	30 Apr 2025 19:10	JC/MD	ReRun
26	Q1913-02	VX046009.D	30 Apr 2025 19:34	JC/MD	Ok
27	Q1901-11	VX046010.D	30 Apr 2025 19:57	JC/MD	Ok
28	VSTDCCC050	VX046011.D	30 Apr 2025 20:21	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042225

Review By	Semsettin Yesilyurt	Review On	4/23/2025 7:35:07 AM				
Supervise By	Mahesh Dadoda	Supervise On	4/23/2025 1:28:52 PM				
SubDirectory	VY042225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133718
Initial Calibration Stds	VP133719,VP133720,VP133721,VP133722,VP133723,VP133724
CCC	
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133725
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021952.D	22 Apr 2025 11:33	SY/MD	Ok
2	VSTDICC005	VY021953.D	22 Apr 2025 13:39	SY/MD	Ok,M
3	VSTDICC010	VY021954.D	22 Apr 2025 14:44	SY/MD	Ok,M
4	VSTDICC020	VY021955.D	22 Apr 2025 15:07	SY/MD	Ok,M
5	VSTDICCC050	VY021956.D	22 Apr 2025 15:29	SY/MD	Ok,M
6	VSTDICC100	VY021957.D	22 Apr 2025 15:52	SY/MD	Ok,M
7	VSTDICC150	VY021958.D	22 Apr 2025 16:15	SY/MD	Ok,M
8	IBLK	VY021959.D	22 Apr 2025 16:38	SY/MD	Ok
9	VSTDICV050	VY021960.D	22 Apr 2025 17:01	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY050125

Review By	Semsettin Yesilyurt	Review On	5/5/2025 2:51:02 PM				
Supervise By	Mahesh Dadoda	Supervise On	5/5/2025 2:57:16 PM				
SubDirectory	VY050125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133796
Initial Calibration Stds	
CCC	VP133797,VP133798
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022094.D	01 May 2025 08:20	SY/MD	Ok
2	VSTDCCC050	VY022095.D	01 May 2025 08:50	SY/MD	Ok,M
3	VY0501SBL01	VY022096.D	01 May 2025 10:11	SY/MD	Ok
4	VY0501SBS01	VY022097.D	01 May 2025 10:42	SY/MD	Ok,M
5	VY0501SBSD01	VY022098.D	01 May 2025 11:04	SY/MD	Ok,M
6	Q1920-01	VY022099.D	01 May 2025 11:54	SY/MD	Ok
7	Q1911-01RE	VY022100.D	01 May 2025 12:17	SY/MD	Confirms
8	Q1916-03	VY022101.D	01 May 2025 12:41	SY/MD	Ok
9	Q1923-01	VY022102.D	01 May 2025 13:04	SY/MD	ReRun
10	Q1922-03	VY022103.D	01 May 2025 13:28	SY/MD	Ok
11	Q1922-07	VY022104.D	01 May 2025 13:51	SY/MD	Ok
12	Q1901-01	VY022105.D	01 May 2025 14:15	SY/MD	Ok
13	Q1901-03	VY022106.D	01 May 2025 14:38	SY/MD	Ok
14	Q1914-01	VY022107.D	01 May 2025 15:02	SY/MD	Ok
15	Q1914-02	VY022108.D	01 May 2025 15:28	SY/MD	Ok
16	Q1914-03	VY022109.D	01 May 2025 16:04	SY/MD	Ok
17	Q1914-04	VY022110.D	01 May 2025 16:27	SY/MD	Ok
18	Q1914-05	VY022111.D	01 May 2025 16:49	SY/MD	Ok
19	Q1914-06	VY022112.D	01 May 2025 17:16	SY/MD	Dilution
20	Q1914-07	VY022113.D	01 May 2025 17:37	SY/MD	Dilution
21	Q1914-09	VY022114.D	01 May 2025 18:00	SY/MD	Dilution

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY050125

Review By	Semsettin Yesilyurt	Review On	5/5/2025 2:51:02 PM				
Supervise By	Mahesh Dadoda	Supervise On	5/5/2025 2:57:16 PM				
SubDirectory	VY050125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133796
Initial Calibration Stds	
CCC	VP133797,VP133798
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1914-10MS	VY022115.D	01 May 2025 18:23	SY/MD	Ok,M
23	Q1914-11MSD	VY022116.D	01 May 2025 18:46	SY/MD	Ok,M
24	VSTDCCC050	VY022117.D	01 May 2025 19:08	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY050625

Review By	Mahesh Dadoda	Review On	5/7/2025 1:28:03 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	5/7/2025 1:47:17 PM				
SubDirectory	VY050625	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133823
Initial Calibration Stds	
CCC	VP133824,VP133825
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY022169.D	06 May 2025 08:00	SY/MD	Ok
2	VSTDCCC050	VY022170.D	06 May 2025 09:14	SY/MD	Ok,M
3	VY0506SBL01	VY022171.D	06 May 2025 09:45	SY/MD	Ok
4	VY0506SBS01	VY022172.D	06 May 2025 10:17	SY/MD	Ok,M
5	VY0506SBSD01	VY022173.D	06 May 2025 10:39	SY/MD	Ok,M
6	Q1961-01	VY022174.D	06 May 2025 11:29	SY/MD	ReRun
7	Q1952-01	VY022175.D	06 May 2025 11:53	SY/MD	Ok
8	Q1962-01	VY022176.D	06 May 2025 12:16	SY/MD	ReRun
9	Q1960-02	VY022177.D	06 May 2025 12:40	SY/MD	Ok
10	Q1914-12	VY022178.D	06 May 2025 13:03	SY/MD	Ok
11	Q1964-03	VY022179.D	06 May 2025 13:26	SY/MD	Ok,M
12	VSTDCCC050	VY022180.D	06 May 2025 14:42	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN041525

Review By	John Carlone	Review On	4/16/2025 9:07:40 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	4/16/2025 3:44:21 PM		
SubDirectory	VN041525	HP Acquire Method	MSVOA_N	HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133665
Initial Calibration Stds	VP133667,VP133668,VP133669,VP133670,VP133671,VP133672
CCC	
Internal Standard/PEM	VP131746
ICV/I.BLK	VP133673
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086276.D	15 Apr 2025 10:47		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN086277.D	15 Apr 2025 11:29		JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN086278.D	15 Apr 2025 12:21	Comp.#13,16 is on Linear Regression	JC\MD	Ok,M
4	VSTDICC010	VSTDICC010	VN086279.D	15 Apr 2025 12:45	Comp.#43 is on Quadratic Regression	JC\MD	Ok,M
5	VSTDICC020	VSTDICC020	VN086280.D	15 Apr 2025 13:09		JC\MD	Ok,M
6	VSTDICCC050	VSTDICCC050	VN086281.D	15 Apr 2025 13:51		JC\MD	Ok,M
7	VSTDICC100	VSTDICC100	VN086282.D	15 Apr 2025 14:29		JC\MD	Ok,M
8	VIBLK	VIBLK	VN086283.D	15 Apr 2025 15:06		JC\MD	Ok
9	VSTDICV050	ICVVN041525	VN086284.D	15 Apr 2025 15:30		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN050525

Review By	John Carlone	Review On	5/6/2025 10:01:09 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:40:44 PM		
SubDirectory	VN050525	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133808
Initial Calibration Stds	
CCC	VP133809,VP133810
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	VN086477.D	05 May 2025 10:23		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086478.D	05 May 2025 11:32	pH#Lot#V12668	JC\MD	Ok,M
3	VN0505MBL01	VN0505MBL01	VN086479.D	05 May 2025 12:13		JC\MD	Ok
4	VN0505WBL01	VN0505WBL01	VN086480.D	05 May 2025 12:38		JC\MD	Ok
5	VN0505WBS01	VN0505WBS01	VN086481.D	05 May 2025 13:02		JC\MD	Ok,M
6	VN0505WBSD01	VN0505WBSD01	VN086482.D	05 May 2025 13:36		JC\MD	Ok,M
7	IBLK	IBLK	VN086483.D	05 May 2025 14:00		JC\MD	Ok
8	Q1942-01	STORAGE-BLANK-SO	VN086484.D	05 May 2025 14:24	vial A pH<2	JC\MD	Ok
9	Q1942-02	STORAGE-BLANK-WA	VN086485.D	05 May 2025 14:48	vial A pH<2	JC\MD	Ok
10	Q1942-03	STORAGE-BLANK-WA	VN086486.D	05 May 2025 15:12	vial A pH<2	JC\MD	Ok
11	Q1942-04	STORAGE-BLANK-SA	VN086487.D	05 May 2025 15:36	vial A pH<2	JC\MD	Ok
12	Q1956-07	FB-05022025	VN086488.D	05 May 2025 16:00	vial A pH<2 FB	JC\MD	Ok
13	Q1929-05RE	WC-A1-03-GRE	VN086489.D	05 May 2025 16:25	vial B pH#5.0 Surrogate Fail	JC\MD	Confirms
14	Q1929-09RE	WC-A1-04-GRE	VN086490.D	05 May 2025 16:49	vial B pH#5.0 Surrogate Fail	JC\MD	Confirms
15	VN0505MBS01	VN0505MBS01	VN086491.D	05 May 2025 17:13		JC\MD	Ok,M
16	VN0505MBSD01	VN0505MBSD01	VN086492.D	05 May 2025 17:37		JC\MD	Ok,M
17	Q1914-06ME	SS-5ME	VN086493.D	05 May 2025 18:01	run straight meoh	JC\MD	Not Ok
18	Q1914-07MEDL	SS-6MEDL	VN086494.D	05 May 2025 18:25		JC\MD	Ok

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN050525

Review By	John Carlone	Review On	5/6/2025 10:01:09 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:40:44 PM		
SubDirectory	VN050525	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133808
Initial Calibration Stds	
CCC	VP133809,VP133810
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1914-08DL	SS-7DL	VN086495.D	05 May 2025 18:49		JC\MD	Ok
20	Q1914-09MEDL	SS-8MEDL	VN086496.D	05 May 2025 19:14		JC\MD	Ok
21	Q1914-12	SS-9	VN086497.D	05 May 2025 19:38	run soil	JC\MD	Not Ok
22	IBLK	IBLK	VN086498.D	05 May 2025 20:02		JC\MD	Ok
23	Q1939-03	GB2	VN086499.D	05 May 2025 20:26	Need Straight Run	JC\MD	Not Ok
24	Q1939-06	GB3B	VN086500.D	05 May 2025 20:50	vial C	JC\MD	Ok
25	IBLK	IBLK	VN086501.D	05 May 2025 21:14		JC\MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VN086502.D	05 May 2025 21:38		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN050625

Review By	John Carlone	Review On	5/7/2025 9:53:45 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:29:39 PM		
SubDirectory	VN050625	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133826
Initial Calibration Stds	
CCC	VP133827,VP133828
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	VN086503.D	06 May 2025 09:13		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086504.D	06 May 2025 10:35	CCC Failed Low For Com.#17,31	JC\MD	Ok,M
3	VN0506MBL01	VN0506MBL01	VN086505.D	06 May 2025 11:11		JC\MD	Ok
4	VN0506WBL01	VN0506WBL01	VN086506.D	06 May 2025 11:35		JC\MD	Ok
5	VN0506WBS01	VN0506WBS01	VN086507.D	06 May 2025 11:59		JC\MD	Ok,M
6	VN0506WBSD01	VN0506WBSD01	VN086508.D	06 May 2025 12:34		JC\MD	Ok,M
7	Q1947-04	MH-P	VN086509.D	06 May 2025 12:58	vial A pH#5.0	JC\MD	Ok
8	Q1947-08	MH-O	VN086510.D	06 May 2025 13:22	vial A pH#5.0	JC\MD	Ok
9	Q1951-04	MH-KK	VN086511.D	06 May 2025 13:46	vial A pH#5.0	JC\MD	Ok,M
10	Q1956-05	COMP1	VN086512.D	06 May 2025 14:11	vial A pH#5.0	JC\MD	Ok,M
11	Q1959-02	SOIL-PILE	VN086513.D	06 May 2025 14:35	vial A pH#5.0	JC\MD	Ok,M
12	Q1960-03	72-11933	VN086514.D	06 May 2025 14:59	vial A pH#5.0	JC\MD	Ok,M
13	VN0506MBS01	VN0506MBS01	VN086515.D	06 May 2025 15:23		JC\MD	Ok,M
14	VN0506MBSD01	VN0506MBSD01	VN086516.D	06 May 2025 15:47		JC\MD	Ok,M
15	Q1939-03	GB2	VN086517.D	06 May 2025 16:11	vial C, CCC Failed Low	JC\MD	ReRun
16	Q1914-06ME	SS-5ME	VN086518.D	06 May 2025 16:35		JC\MD	Ok
17	Q1914-07ME	SS-6ME	VN086519.D	06 May 2025 16:59	Need 20X	JC\MD	Dilution

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Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN050625

Review By	John Carlone	Review On	5/7/2025 9:53:45 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:29:39 PM		
SubDirectory	VN050625	HP Acquire Method		HP Processing Method	82N041525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133826
Initial Calibration Stds	
CCC	VP133827,VP133828
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1914-08	SS-7	VN086520.D	06 May 2025 17:23	Need 20X	JC\MD	Dilution
19	Q1914-09ME	SS-8ME	VN086521.D	06 May 2025 17:48	Need 20X	JC\MD	Dilution
20	Q1966-03	SILICA-GEL	VN086522.D	06 May 2025 18:12	CCC Failed Low,Run@ Lower Dilution	JC\MD	ReRun
21	IBLK	IBLK	VN086523.D	06 May 2025 18:36		JC\MD	Ok
22	IBLK	IBLK	VN086524.D	06 May 2025 19:00		JC\MD	Ok
23	IBLK	IBLK	VN086525.D	06 May 2025 19:24		JC\MD	Ok
24	VSTDCCC050	VSTDCCC050EC	VN086526.D	06 May 2025 19:48		JC\MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM		
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM		
SubDirectory	VX040225	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER-	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER-	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX043025

Review By	John Carlone	Review On	5/2/2025 10:12:27 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/5/2025 4:29:00 AM		
SubDirectory	VX043025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133790
Initial Calibration Stds	
CCC	VP133791,VP133792
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	VX045984.D	30 Apr 2025 09:32		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045985.D	30 Apr 2025 10:01	pH#Lot#V12668	JC/MD	Ok,M
3	VX0430MBL01	VX0430MBL01	VX045986.D	30 Apr 2025 10:32		JC/MD	Ok
4	VX0430WBL01	VX0430WBL01	VX045987.D	30 Apr 2025 10:55		JC/MD	Ok
5	VX0430WBS01	VX0430WBS01	VX045988.D	30 Apr 2025 11:19		JC/MD	Ok,M
6	VX0430WBSD01	VX0430WBSD01	VX045989.D	30 Apr 2025 11:46		JC/MD	Ok,M
7	IBLK	IBLK	VX045990.D	30 Apr 2025 12:09		JC/MD	Ok
8	Q1914-14	FB04282025	VX045991.D	30 Apr 2025 12:32	vial A pH<2 FB	JC/MD	Ok
9	Q1904-02	VNJ-210	VX045992.D	30 Apr 2025 12:56	vial A pH#5.0	JC/MD	Ok
10	Q1901-09	B-170-SB01	VX045993.D	30 Apr 2025 13:19	vial A pH#5.0	JC/MD	Ok
11	Q1901-10	B-167-SB02	VX045994.D	30 Apr 2025 13:42	vial A pH#5.0	JC/MD	Ok
12	Q1915-01	WC-04282025	VX045995.D	30 Apr 2025 14:06	vial A pH#5.0	JC/MD	Ok
13	Q1901-08	B-167-SB01	VX045996.D	30 Apr 2025 14:29	vial A pH#5.0	JC/MD	Ok
14	Q1905-04	MH-G	VX045997.D	30 Apr 2025 14:53	vial A pH#5.0	JC/MD	Ok
15	Q1905-08	MH-H	VX045998.D	30 Apr 2025 15:16	vial A pH#5.0	JC/MD	Ok
16	Q1906-04	WC-4	VX045999.D	30 Apr 2025 15:40	vial A pH#5.0	JC/MD	Ok
17	Q1906-08	WC-5	VX046000.D	30 Apr 2025 16:03	vial A pH#5.0	JC/MD	Ok
18	Q1906-12	WC-6	VX046001.D	30 Apr 2025 16:27	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX043025

Review By	John Carlone	Review On	5/2/2025 10:12:27 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/5/2025 4:29:00 AM		
SubDirectory	VX043025	HP Acquire Method		HP Processing Method	82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133790
Initial Calibration Stds	
CCC	VP133791,VP133792
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1906-16	WC-7	VX046002.D	30 Apr 2025 16:50	vial A pH#5.0	JC/MD	Ok
20	Q1907-02	CO-8R-WC	VX046003.D	30 Apr 2025 17:13	vial A pH#5.0	JC/MD	Ok,M
21	Q1912-04	MH-E	VX046004.D	30 Apr 2025 17:37	vial A pH#5.0	JC/MD	Ok
22	Q1912-08	MH-F	VX046005.D	30 Apr 2025 18:00	vial A pH#5.0	JC/MD	Ok
23	Q1913-01	WC-12-S-202504	VX046006.D	30 Apr 2025 18:24	vial A pH#5.0	JC/MD	Ok
24	Q1913-03	WC-13-S-202504	VX046007.D	30 Apr 2025 18:47	vial A pH#5.0	JC/MD	Ok
25	Q1913-04	WC-13-A-202504	VX046008.D	30 Apr 2025 19:10	vial A pH#5.0 Surrogate Fail	JC/MD	ReRun
26	Q1913-02	WC-12-A-202504	VX046009.D	30 Apr 2025 19:34	vial A pH#5.0	JC/MD	Ok
27	Q1901-11	B-170-SB02	VX046010.D	30 Apr 2025 19:57	vial A pH#5.0	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX046011.D	30 Apr 2025 20:21		JC/MD	Ok,M

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY042225

Review By	Semsettin Yesilyurt	Review On	4/23/2025 7:35:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	4/23/2025 1:28:52 PM		
SubDirectory	VY042225	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133718
Initial Calibration Stds	VP133719,VP133720,VP133721,VP133722,VP133723,VP133724
CCC	
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133725
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021952.D	22 Apr 2025 11:33		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021953.D	22 Apr 2025 13:39		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY021954.D	22 Apr 2025 14:44	Com.#16 is on Linear Regression	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021955.D	22 Apr 2025 15:07		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021956.D	22 Apr 2025 15:29		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021957.D	22 Apr 2025 15:52		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021958.D	22 Apr 2025 16:15		SY/MD	Ok,M
8	IBLK	IBLK	VY021959.D	22 Apr 2025 16:38		SY/MD	Ok
9	VSTDICV050	ICVVY042225	VY021960.D	22 Apr 2025 17:01		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY050125

Review By	Semsettin Yesilyurt	Review On	5/5/2025 2:51:02 PM				
Supervise By	Mahesh Dadoda	Supervise On	5/5/2025 2:57:16 PM				
SubDirectory	VY050125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133796
Initial Calibration Stds	
CCC	VP133797,VP133798
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022094.D	01 May 2025 08:20		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022095.D	01 May 2025 08:50		SY/MD	Ok,M
3	VY0501SBL01	VY0501SBL01	VY022096.D	01 May 2025 10:11		SY/MD	Ok
4	VY0501SBS01	VY0501SBS01	VY022097.D	01 May 2025 10:42		SY/MD	Ok,M
5	VY0501SBSD01	VY0501SBSD01	VY022098.D	01 May 2025 11:04		SY/MD	Ok,M
6	Q1920-01	291	VY022099.D	01 May 2025 11:54	vial-A	SY/MD	Ok
7	Q1911-01RE	EO-03-04292025RE	VY022100.D	01 May 2025 12:17	vial-B Internal Standard Fail	SY/MD	Confirms
8	Q1916-03	WC-12-VOC	VY022101.D	01 May 2025 12:41	vial-B	SY/MD	Ok
9	Q1923-01	TR-05-04302025	VY022102.D	01 May 2025 13:04	vial-A Internal Standard Fail	SY/MD	ReRun
10	Q1922-03	MH-R-VOC	VY022103.D	01 May 2025 13:28	vial-A	SY/MD	Ok
11	Q1922-07	MH-2-VOC	VY022104.D	01 May 2025 13:51	vial-A	SY/MD	Ok
12	Q1901-01	B-170-SB00	VY022105.D	01 May 2025 14:15	vial-A	SY/MD	Ok
13	Q1901-03	B-170-SB01	VY022106.D	01 May 2025 14:38	vial-A	SY/MD	Ok
14	Q1914-01	SS-1	VY022107.D	01 May 2025 15:02	vial-A	SY/MD	Ok
15	Q1914-02	SS-91	VY022108.D	01 May 2025 15:28	vial-A	SY/MD	Ok
16	Q1914-03	SS-2	VY022109.D	01 May 2025 16:04	vial-A	SY/MD	Ok
17	Q1914-04	SS-3	VY022110.D	01 May 2025 16:27	vial-A	SY/MD	Ok
18	Q1914-05	SS-4	VY022111.D	01 May 2025 16:49	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY050125

Review By	Semsettin Yesilyurt	Review On	5/5/2025 2:51:02 PM		
Supervise By	Mahesh Dadoda	Supervise On	5/5/2025 2:57:16 PM		
SubDirectory	VY050125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133796
Initial Calibration Stds	
CCC	VP133797,VP133798
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1914-06	SS-5	VY022112.D	01 May 2025 17:16	vial-A Need MeoH	SY/MD	Dilution
20	Q1914-07	SS-6	VY022113.D	01 May 2025 17:37	vial-A Internal Standard Fail;Need MeOH	SY/MD	Dilution
21	Q1914-09	SS-8	VY022114.D	01 May 2025 18:00	vial-A Internal Standard Fail; Surrogate Fail;Need MeOH	SY/MD	Dilution
22	Q1914-10MS	SS-8MS	VY022115.D	01 May 2025 18:23	vial-A Surrogate fail	SY/MD	Ok,M
23	Q1914-11MSD	SS-8MSD	VY022116.D	01 May 2025 18:46	vial-A Surrogate faill	SY/MD	Ok,M
24	VSTDCCC050	VSTDCCC050EC	VY022117.D	01 May 2025 19:08		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY050625

Review By	Mahesh Dadoda	Review On	5/7/2025 1:28:03 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/7/2025 1:47:17 PM		
SubDirectory	VY050625	HP Acquire Method	MSVOA_Y	HP Processing Method	82y042225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133823
Initial Calibration Stds	
CCC	VP133824,VP133825
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY022169.D	06 May 2025 08:00		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY022170.D	06 May 2025 09:14		SY/MD	Ok,M
3	VY0506SBL01	VY0506SBL01	VY022171.D	06 May 2025 09:45		SY/MD	Ok
4	VY0506SBS01	VY0506SBS01	VY022172.D	06 May 2025 10:17		SY/MD	Ok,M
5	VY0506SBSD01	VY0506SBSD01	VY022173.D	06 May 2025 10:39		SY/MD	Ok,M
6	Q1961-01	EO-01-050525	VY022174.D	06 May 2025 11:29	vial-A Internal Standard Fail	SY/MD	ReRun
7	Q1952-01	CLEAN-FILL	VY022175.D	06 May 2025 11:53	vial-B	SY/MD	Ok
8	Q1962-01	HD-01-050525	VY022176.D	06 May 2025 12:16	vial-A Internal Standard Fail	SY/MD	ReRun
9	Q1960-02	72-11933	VY022177.D	06 May 2025 12:40	vial-A	SY/MD	Ok
10	Q1914-12	SS-9	VY022178.D	06 May 2025 13:03	vial-A	SY/MD	Ok
11	Q1964-03	MH-LL-VOC	VY022179.D	06 May 2025 13:26	vial-A	SY/MD	Ok,M
12	VSTDCCC050	VSTDCCC050EC	VY022180.D	06 May 2025 14:42		SY/MD	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/1/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:20
In Date: 04/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 05/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135610

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1914-01	SS-1	1	1.15	10.00	11.15	10.02	88.7	
Q1914-02	SS-91	2	1.18	10.59	11.77	10.34	86.5	
Q1914-03	SS-2	3	1.18	10.20	11.38	9.76	84.1	
Q1914-04	SS-3	4	1.18	10.12	11.3	10.04	87.5	
Q1914-05	SS-4	5	1.17	10.81	11.98	10.52	86.5	
Q1914-06	SS-5	6	1.15	10.10	11.25	10.21	89.7	
Q1914-07	SS-6	7	1.19	10.20	11.39	9.74	83.8	
Q1914-08	SS-7	8	1.17	10.57	11.74	10.15	85.0	
Q1914-09	SS-8	9	1.14	9.97	11.11	10.35	92.4	
Q1914-10	Q1914-09MS	10	1.14	9.97	11.11	10.35	92.4	
Q1914-11	Q1914-09MSD	11	1.14	9.97	11.11	10.35	92.4	
Q1914-12	SS-9	12	1.16	10.03	11.19	9.9	87.1	
Q1916-01	WC-12	13	1.14	10.23	11.37	9.75	84.2	
Q1916-02	WC-12-EPH	14	1.15	10.18	11.33	10.62	93.0	
Q1916-03	WC-12-VOC	15	1.15	10.32	11.47	10.51	90.7	
Q1917-01	MH-JJ	16	1.17	10.27	11.44	10.21	88.0	
Q1917-02	MH-JJ-EPH	17	1.13	10.42	11.55	10.35	88.5	
Q1917-03	MH-JJ-VOC	18	1.18	10.38	11.56	10.24	87.3	
Q1919-01	50680	25	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1919-02	50681	26	1.00	1.00	2.00	2.00	100.0	wipe sample
Q1920-01	291	27	1.14	10.01	11.15	10.36	92.1	
Q1920-02	291-E2	28	1.19	10.16	11.35	10.54	92.0	
Q1921-01	BC226751-1-1	29	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-02	BC226751-1-2	30	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-03	BC274768-1-1	31	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-04	BC274768-1-2	32	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-05	BC271327-1-1	33	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-06	BC271327-1-2	34	1.00	1.00	2.00	2.00	100.0	pilc

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/1/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:20
In Date: 04/30/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:22
Out Date: 05/01/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB135610

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1921-07	BC248150-1-1	35	1.00	1.00	2.00	2.00	100.0	pilc
Q1921-08	BC248150-1-2	36	1.00	1.00	2.00	2.00	100.0	pilc
Q1922-01	MH-R	19	1.18	10.30	11.48	10.4	89.5	
Q1922-02	MH-R-EPH	20	1.17	10.72	11.89	10.68	88.7	
Q1922-03	MH-R-VOC	21	1.19	10.45	11.64	10.52	89.3	
Q1922-05	MH-S	22	1.19	10.04	11.23	9.98	87.5	
Q1922-06	MH-S-EPH	23	1.15	10.76	11.91	10.6	87.8	
Q1922-07	MH-2-VOC	24	1.16	10.58	11.74	10.7	90.2	
Q1923-01	TR-05-04302025	37	1.18	9.86	11.04	10.31	92.6	
Q1923-02	TR-05-04302025-E2	38	1.18	10.70	11.88	10.84	90.3	
Q1925-01	AUD-25-0068	39	1.18	10.06	11.24	11.18	99.4	
Q1925-02	AUD-25-0069	40	1.19	10.37	11.56	11.54	99.8	
Q1925-03	AUD-25-0070	41	1.16	10.58	11.74	11.65	99.1	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

UB135610

WorkList Name : %1-043025 **WorkList ID :** 189217 **Department :** Wet-Chemistry **Date :** 04-30-2025 08:15:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1914-01	SS-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-02	SS-91	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-03	SS-2	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-04	SS-3	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-05	SS-4	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-06	SS-5	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-07	SS-6	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-08	SS-7	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-09	SS-8	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-10	Q1914-09MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-11	Q1914-09MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1914-12	SS-9	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1916-01	WC-12	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	04/28/2025	Chemtech -SO
Q1916-02	WC-12-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1916-03	WC-12-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-01	MH-JJ	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-02	MH-JJ-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1917-03	MH-JJ-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1919-01	50680	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1919-02	50681	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1920-01	291	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO

Date/Time 04/30/25 15:35

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 04/30/25 17:25

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

JK 135610

WorkList Name : %1-043025 **WorkList ID :** 189217 **Department :** Wet-Chemistry **Date :** 04-30-2025 08:15:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1920-02	291-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1921-01	BC226751-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-02	BC226751-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-03	BC274768-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-04	BC274768-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-05	BC271327-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-06	BC271327-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-07	BC248150-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1921-08	BC248150-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1922-01	MH-R	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/30/2025	Chemtech -SO
Q1922-02	MH-R-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-03	MH-R-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-05	MH-S	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-06	MH-S-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1922-07	MH-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1923-01	TR-05-04302025	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1923-02	TR-05-04302025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/30/2025	Chemtech -SO
Q1925-01	AUD-25-0068	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	04/30/2025	Chemtech -SO
Q1925-02	AUD-25-0069	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
Q1925-03	AUD-25-0070	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	04/30/2025	Chemtech -SO
					PSEG03	L31	04/30/2025	Chemtech -SO

Date/Time 04/30/25 15:35

Raw Sample Received by: JP CWOC

Raw Sample Relinquished by: CP SM

Date/Time 04/30/25 17:25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JP CWOC

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

Prep Standard - Chemical Standard Summary

Order ID : Q1914

Test : VOCMS Group3

Prepbatch ID :

Sequence ID/Qc Batch ID: vn050525,VN050625,VX043025,vy050125,VY050625,

Standard ID :
VP131746,VP131767,VP131783,VP132035,VP132036,VP132096,VP132098,VP133174,VP133175,VP133544,VP133545,VP133758,VP133759,VP133790,VP133791,VP133792,VP133796,VP133797,VP133798,VP133808,VP133809,VP133810,VP133823,VP133824,VP133825,VP133826,VP133827,VP133828,

Chemical ID :
V13391,V13457,V13460,V13465,V13466,V13706,V14154,V14289,V14431,V14435,V14501,V14502,V14523,V14524,V14613,V14614,V14615,V14630,V14631,V14632,V14633,V14719,V14720,V14726,V14744,V14753,V14804,V14805,V14842,V14915,V14916,V14917,V14918,W3112,

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
247	8260 Internal Standard, 250PPM	VP131746	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/23/2024

FROM 0.50000ml of V14289 + 49.50000ml of V14154 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP131767	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/27/2024

FROM 0.50000ml of V13391 + 49.50000ml of V14154 = 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
1917	8260 Internal standard 50 ppm	VP131783	11/22/2024	05/18/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 11/27/2024

FROM 0.02000ml of V14289 + 9.98000ml of V14154 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP132035	12/10/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 1.00000ml of V14630 + 1.00000ml of V14631 + 1.00000ml of V14632 + 1.00000ml of V14633 + 46.00000ml of V14614 = 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
1811	8260 Working Std(2-CVE)-500ppm	VP132036	12/10/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/12/2024

FROM 7.50000ml of V14614 + 12.50000ml of VP132035 = Final Quantity: 20.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
719	8260 Working STD (BCM)-First source, 400PPM	VP132096	12/12/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/19/2024

FROM 1.00000ml of V13465 + 1.00000ml of V13466 + 1.50000ml of V13457 + 1.50000ml of V13460 + 20.00000ml of V14614 = 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
252	8260 Working STD (BCM)-First source, 100PPM	VP132098	12/12/2024	06/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 12/19/2024

FROM 1.25000ml of V13466 + 23.75000ml of V14614 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
617	8260 Surrogate, 400PPM	VP133174	02/27/2025	08/27/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/04/2025

FROM 0.40000ml of V13706 + 24.60000ml of V14613 = Final Quantity: 25.000 ml

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
249	8260 Surrogate, 100PPM	VP133175	02/27/2025	08/27/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 03/04/2025

FROM 0.10000ml of V13706 + 24.90000ml of V14613 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP133544	04/01/2025	05/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 04/03/2025

FROM 0.40000ml of V14842 + 1.00000ml of V14431 + 1.00000ml of V14435 + 1.00000ml of V14501 + 1.00000ml of V14502 + 1.00000ml of V14523 + 1.00000ml of V14524 + 1.00000ml of V14726 + 1.00000ml of V14744 + 1.00000ml of V14753 + 1.00000ml of V14804 + 1.00000ml of V14805 + 1.50000ml of V14719 + 1.50000ml of V14720 + 10.60000ml of V14615 = Final Quantity: 25.000 ml

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
244	8260 Calibration Working STD Mix-First source, 100PPM	VP133545	04/01/2025	05/10/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 04/03/2025

FROM 5.62500ml of V14615 + 9.37500ml of VP133544 = Final Quantity: 15.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP133758	04/24/2025	05/23/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/07/2025

FROM 1.00000ml of V14915 + 1.00000ml of V14916 + 1.00000ml of V14917 + 1.00000ml of V14918 + 21.00000ml of V14615 = Final Quantity: 25.000 ml

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
56	8260 Working STD (Acrolein) -first source, 500PPM	VP133759	04/24/2025	05/23/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/07/2025

FROM 5.62500ml of V14615 + 9.37500ml of VP133758 = Final Quantity: 15.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP133790	04/30/2025	05/01/2025	John Carlone	None	None	Mahesh Dadoda 05/07/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP131767 = 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	VP133791	04/30/2025	05/10/2025	John Carlone	None	None	Mahesh Dadoda 05/07/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP131746 + 0.01250ml of VP132035 + 0.01250ml of VP133544 + 0.01250ml of VP133758 = 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	VP133792	04/30/2025	05/01/2025	John Carlone	None	None	Mahesh Dadoda 05/07/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP131746 + 0.01250ml of VP132035 + 0.01250ml of VP133544 + 0.01250ml of VP133758 = Final Quantity: 40.000 ml

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Fax : 908 789 8922

VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
732	BFB TUNE CHECK - SOIL	VP133796	05/01/2025	05/02/2025	Amit Patel	None	None	Mahesh Dadoda 05/07/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP131767 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP133797	05/01/2025	05/02/2025	Amit Patel	None	None	Mahesh Dadoda 05/07/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP133175 + 0.00250ml of VP133545 + 0.00250ml of VP133759 + 0.00500ml of VP131783 = Final Quantity: 5.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP133798	05/01/2025	05/02/2025	Amit Patel	None	None	Mahesh Dadoda 05/07/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP133175 + 0.00250ml of VP133545 + 0.00250ml of VP133759 + 0.00500ml of VP131783 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP133808	05/05/2025	05/06/2025	John Carlone	None	None	Mahesh Dadoda 05/07/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP131767 = 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	VP133809	05/05/2025	05/06/2025	John Carlone	None	None	Mahesh Dadoda 05/07/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP131746 + 0.01250ml of VP132035 + 0.01250ml of VP133544 + 0.01250ml of VP133758 = 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	VP133810	05/05/2025	05/06/2025	John Carlone	None	None	Mahesh Dadoda 05/07/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP131746 + 0.01250ml of VP132035 + 0.01250ml of VP133544 + 0.01250ml of VP133758 = 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
732	BFB TUNE CHECK - SOIL	VP133823	05/06/2025	05/07/2025	Amit Patel	None	None	Mahesh Dadoda 05/15/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP131767 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP133824	05/06/2025	05/07/2025	Amit Patel	None	None	Mahesh Dadoda 05/15/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP133175 + 0.00250ml of VP133545 + 0.00250ml of VP133759 + 0.00500ml of VP131783 = Final Quantity: 5.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
773	50 PPB CCC, 8260-SOIL	VP133825	05/06/2025	05/07/2025	Amit Patel	None	None	Mahesh Dadoda 05/15/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP132036 + 0.00250ml of VP132098 + 0.00250ml of VP133175 + 0.00250ml of VP133545 + 0.00250ml of VP133759 + 0.00500ml of VP131783 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
589	BFB TUNE CHECK	VP133826	05/06/2025	05/07/2025	John Carlone	None	None	Mahesh Dadoda 05/15/2025

FROM 39.98400ml of W3112 + 0.01600ml of VP131767 = 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	VP133827	05/06/2025	05/07/2025	John Carlone	None	None	Mahesh Dadoda 05/15/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP131746 + 0.01250ml of VP132035 + 0.01250ml of VP133544 + 0.01250ml of VP133758 = 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	VP133828	05/06/2025	05/07/2025	John Carlone	None	None	Mahesh Dadoda 05/15/2025

FROM 39.94450ml of W3112 + 0.00500ml of VP132096 + 0.00500ml of VP133174 + 0.00800ml of VP131746 + 0.01250ml of VP132035 + 0.01250ml of VP133544 + 0.01250ml of VP133758 = 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	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13457

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	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13460

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	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13465

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	A0193071	06/12/2025	12/12/2024 / SAM	01/27/2023 / SAM	V13466

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]	A0196865	02/27/2026	02/27/2025 / SAM	04/12/2023 / SAM	V13706

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CHEMICAL RECEIPT LOG BOOK

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)	22L0562016	05/18/2025	11/18/2024 / pedro	02/06/2024 / SAM	V14154

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	11/22/2025	11/22/2024 / SAM	04/15/2024 / SAM	V14289

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	A0209618	09/20/2025	03/20/2025 / SAM	08/15/2024 / SAM	V14431

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	A0209618	09/20/2025	03/20/2025 / SAM	08/15/2024 / SAM	V14435

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	09/20/2025	03/20/2025 / SAM	09/17/2024 / SAM	V14501

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	09/20/2025	03/20/2025 / SAM	09/17/2024 / SAM	V14502

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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.	95319 / Revised Additions Mix (Min = 5)	091724	09/20/2025	03/20/2025 / SAM	09/18/2024 / SAM	V14523

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	09/20/2025	03/20/2025 / SAM	09/18/2024 / SAM	V14524

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)	22L0562016	08/27/2025	02/27/2025 / SAM	11/26/2024 / SAM	V14613

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)	22L0562016	06/10/2025	12/10/2024 / SAM	11/26/2024 / SAM	V14614

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)	22L0562016	09/19/2025	03/19/2025 / SAM	11/26/2024 / SAM	V14615

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14630

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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.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14631

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14632

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	06/10/2025	12/10/2024 / SAM	12/06/2024 / SAM	V14633

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	A02110618	09/20/2025	03/20/2025 / SAM	12/17/2024 / SAM	V14719

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	A02110618	09/20/2025	03/20/2025 / SAM	12/17/2024 / SAM	V14720

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	A02110618	07/30/2025	01/30/2025 / SAM	12/17/2024 / SAM	V14726

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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	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	08/27/2025	02/27/2025 / SAM	12/17/2024 / SAM	V14744

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	07/30/2025	01/30/2025 / SAM	12/17/2024 / SAM	V14753

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	09/20/2025	03/20/2025 / SAM	01/08/2025 / SAM	V14804

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	09/20/2025	03/20/2025 / SAM	01/08/2025 / SAM	V14805

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	08/27/2025	02/27/2025 / SAM	01/21/2025 / SAM	V14842

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	042325	05/23/2025	04/24/2025 / SAM	04/24/2025 / SAM	V14915

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	042325	05/23/2025	04/24/2025 / SAM	04/24/2025 / SAM	V14916

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	042325	05/23/2025	04/24/2025 / SAM	04/24/2025 / SAM	V14917

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	042325	05/23/2025	04/24/2025 / SAM	04/24/2025 / SAM	V14918

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

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
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	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
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

James Ethier
Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
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	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
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
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Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

12 Baxter

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
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	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
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

James Ethier
Jamie Ethier
Vice President Global Quality

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

Formulated By:	Prashant Chauhan	021624	DATE
Reviewed By:	Pedro L. Rentas	021624	DATE

Weight(s) shown below were combined and diluted to (mL): 100.0 | 5E-05 Balance Uncertainty | 0.021 Flask Uncertainty

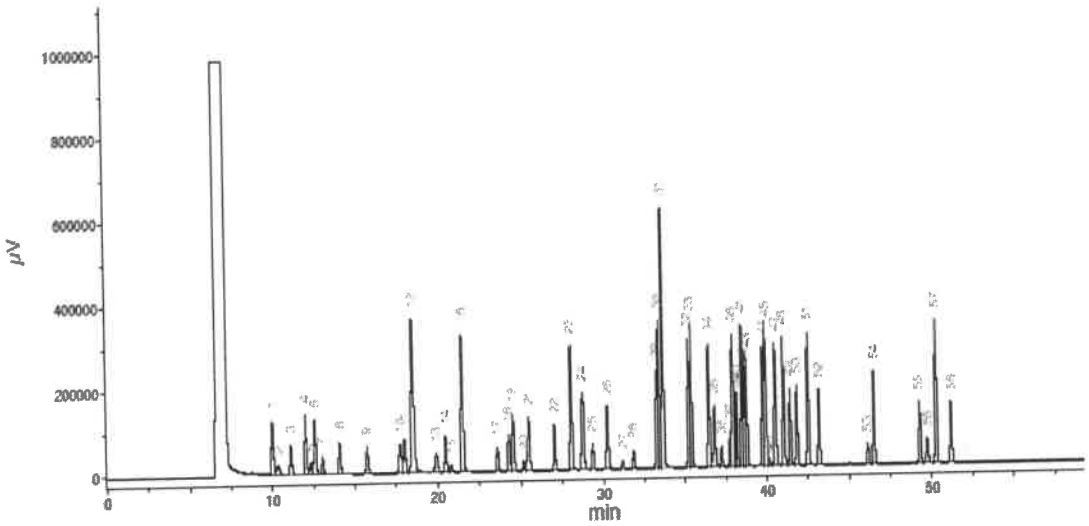
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached 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	27.07
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	35.39
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

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Hamden, CT 06518-0585

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FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
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Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

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

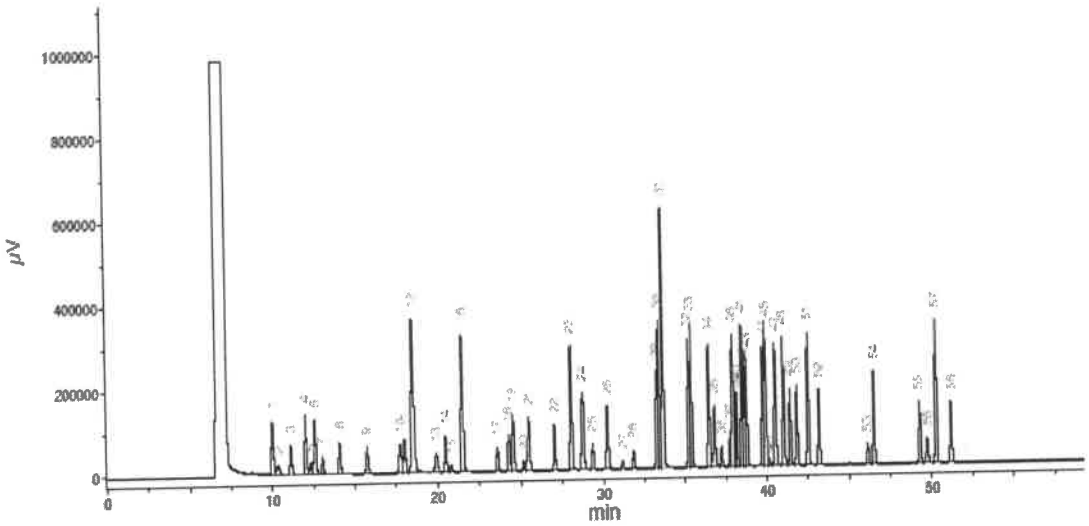
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached 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)	MKCR6561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW6137V	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	20.6	127-18-4	25 ppm (170mg/m3/8H)(final)	orl-rat 2629mg/kg
30.	1,1,1-Trichloroethane	95321	020724	0.10	10.00	20003.0	2000	NA	NA	0.042	NA	NA	1999.8	20.5	71-55-6	350 ppm (1900mg/m3/8H)	orl-rat 10300mg/kg
31.	1,2-Dibromo-3-chloropropane	35161	112322	0.05	5.00	40016.5	2000	NA	NA	0.017	NA	NA	2000.3	22.9	96-12-8	0.001 ppm	orl-rat 170mg/kg
32.	1,2-Dibromoethane	35161	112322	0.05	5.00	40024.8	2000	NA	NA	0.017	NA	NA	2000.7	22.9	106-93-4	20 ppm (8H)	orl-rat 108mg/kg
33.	1,2-Dichloroethane	35161	112322	0.05	5.00	40018.0	2000	NA	NA	0.017	NA	NA	2000.4	22.9	107-06-2	50 ppm (8H)	orl-rat 670mg/kg
34.	1,2-Dichloropropane	35161	112322	0.05	5.00	40051.0	2000	NA	NA	0.017	NA	NA	2002.0	22.9	78-87-5	75 ppm (350mg/m3/8H)	orl-rat 1947mg/kg
35.	1,3-Dichloropropane	35161	112322	0.05	5.00	40005.9	2000	NA	NA	0.017	NA	NA	1999.8	22.9	142-28-9	N/A	unr-mus 3600mg/kg
36.	1,1-Dichloropropene	35161	112322	0.05	5.00	40012.1	2000	NA	NA	0.017	NA	NA	2000.1	29.7	563-58-6	N/A	N/A
37.	cis-1,3-Dichloropropene	35161	112322	0.05	5.00	40010.0	2000	NA	NA	0.017	NA	NA	2000.0	23.0	10061-01-5	N/A	N/A
38.	trans-1,3-Dichloropropene	35161	112322	0.05	5.00	40017.6	2000	NA	NA	0.017	NA	NA	2000.4	23.0	10061-02-6	N/A	N/A
39.	Hexachloro-1,3-butadiene	35161	112322	0.05	5.00	40021.9	2000	NA	NA	0.017	NA	NA	2000.6	29.7	87-68-3	0.02 ppm (0.24mg/m3/8H)	orl-rat 82mg/kg
40.	1,1,1,2-Tetrachloroethane	35161	112322	0.05	5.00	40011.9	2000	NA	NA	0.017	NA	NA	2000.1	22.9	630-20-6	N/A	orl-rat 670mg/kg
41.	1,1,2,2-Tetrachloroethane	35161	112322	0.05	5.00	40007.5	2000	NA	NA	0.017	NA	NA	1999.9	22.9	79-34-5	5 ppm (35mg/m3/8H)(skin)	orl-rat 800mg/kg
42.	1,1,2-Trichloroethane	35161	112322	0.05	5.00	40006.6	2000	NA	NA	0.017	NA	NA	1999.8	23.0	79-00-5	10 ppm (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	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
58	1,2,3-Trichlorobenzene	51.16

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Absolute Standards Inc.

PO Box 5585
Hamden, CT 06518-0585

Phone: 203-281-2917
FAX: 203-281-2922

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 04/24/25 5 N 104

ANAB ISO 17034 Accredited
AR-1539 Certificate Numbe
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 042325
Description: Acrolein

Expiration Date: 052325
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): Water **Lot#** 072324Q

V14914 to V14918

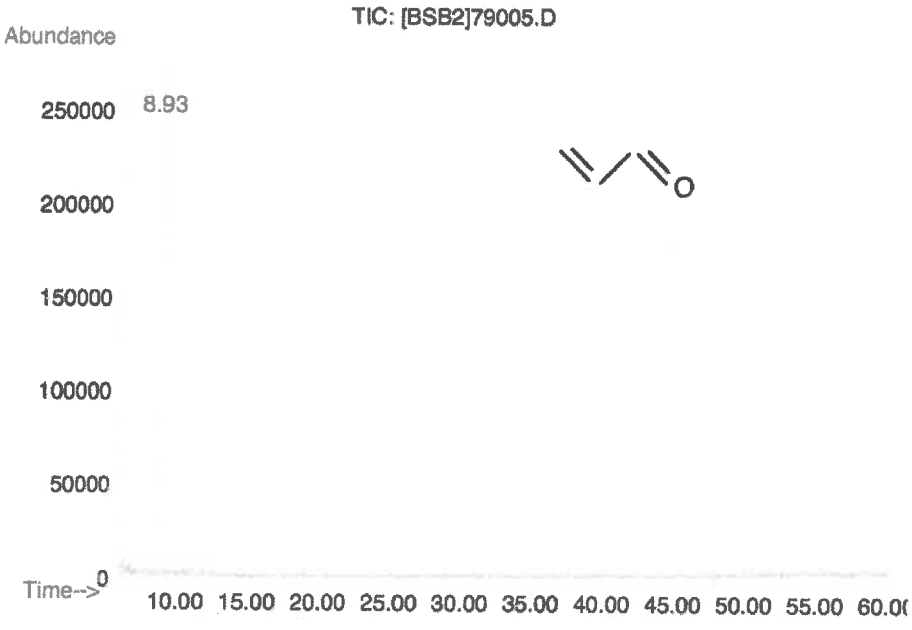
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

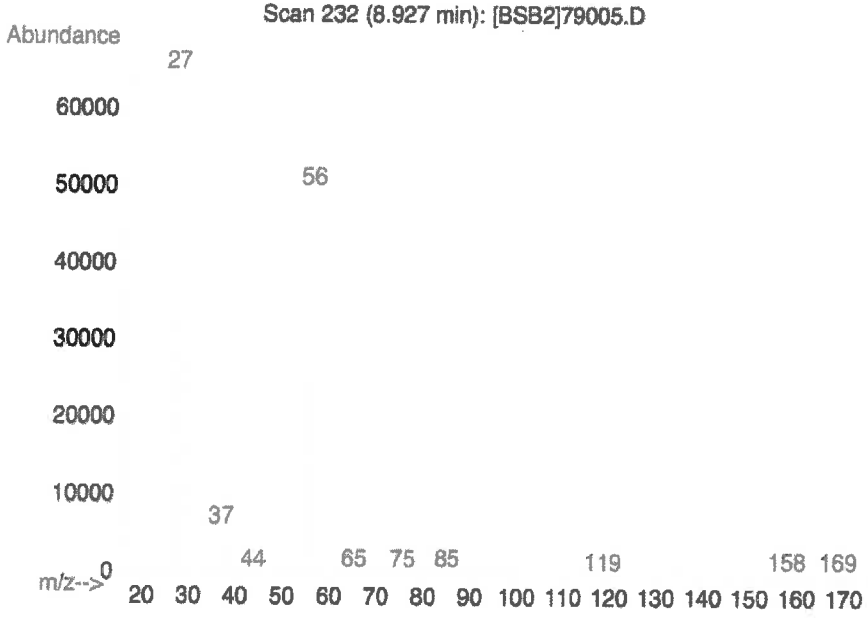
Eli Aliaga 042325
Formulated By: Eli Aliaga DATE

Pedro Rentas 042325
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	0.05178	5011.8	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 wtih weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

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 WATER**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2025

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		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)
Water	CAS#: 7732-18-5	> 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

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.
Hazardous Decomposition products	Carbon oxides

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

Water CAS#: 7732-18-5 TWA: 500 ppm

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	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water — Completely miscible

Appearance and Odor — CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — NA
Conditions to avoid — NA
Materials to avoid — NA
Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat — NA
LC50 Inhalation - Rat — NA
LD50 Dermal - Guinea pig — NA
Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50 — NA
EC50 — NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

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 Material 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 04/24/25 5 N 104

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https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 042325
Description: Acrolein

Expiration Date: 052325
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): Water **Lot#** 072324Q

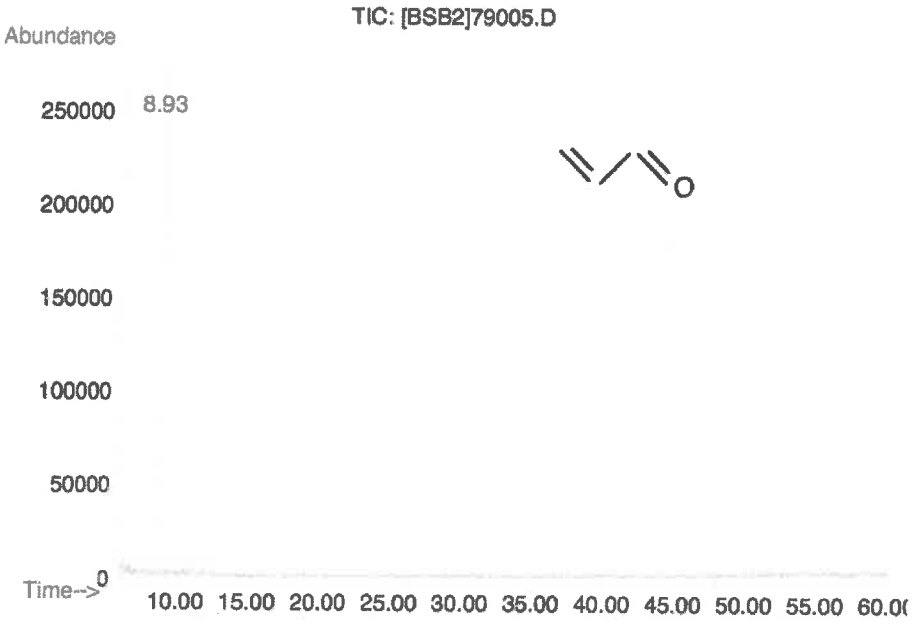
V14914 to V14918

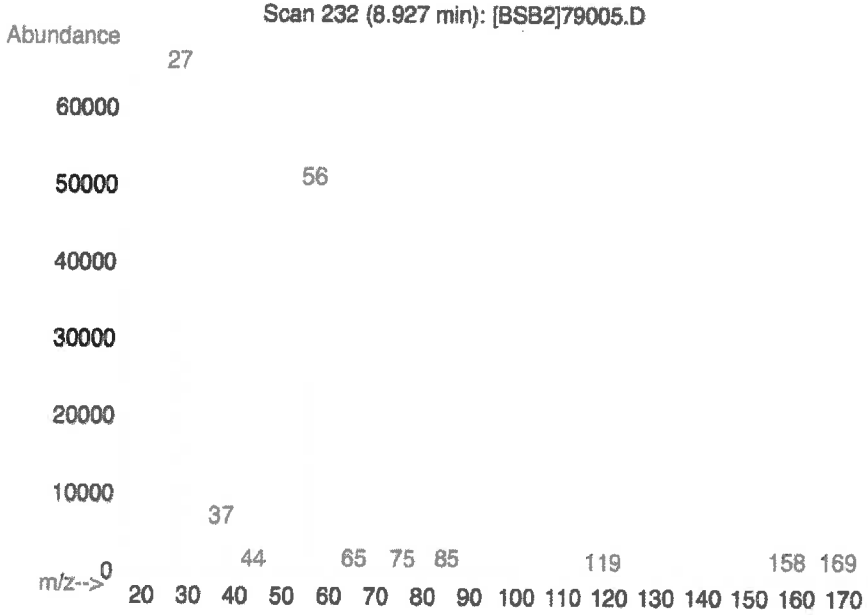
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	042325 DATE
Reviewed By:	Pedro L. Rentas	042325 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	0.05178	5011.8	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 wtih weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
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Safety Data Sheet (SDS) GHS/OSHA Compliant

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Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2025

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		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)
Water	CAS#: 7732-18-5	> 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

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.
Hazardous Decomposition products	Carbon oxides

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

Water	CAS#: 7732-18-5	TWA: 500 ppm

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	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water — Completely miscible

Appearance and Odor — CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — NA
Conditions to avoid — NA
Materials to avoid — NA
Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat — NA
LC50 Inhalation - Rat — NA
LD50 Dermal - Guinea pig — NA
Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50 — NA
EC50 — NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 042325
Description: Acrolein

Expiration Date: 052325
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): Water **Lot#** 072324Q

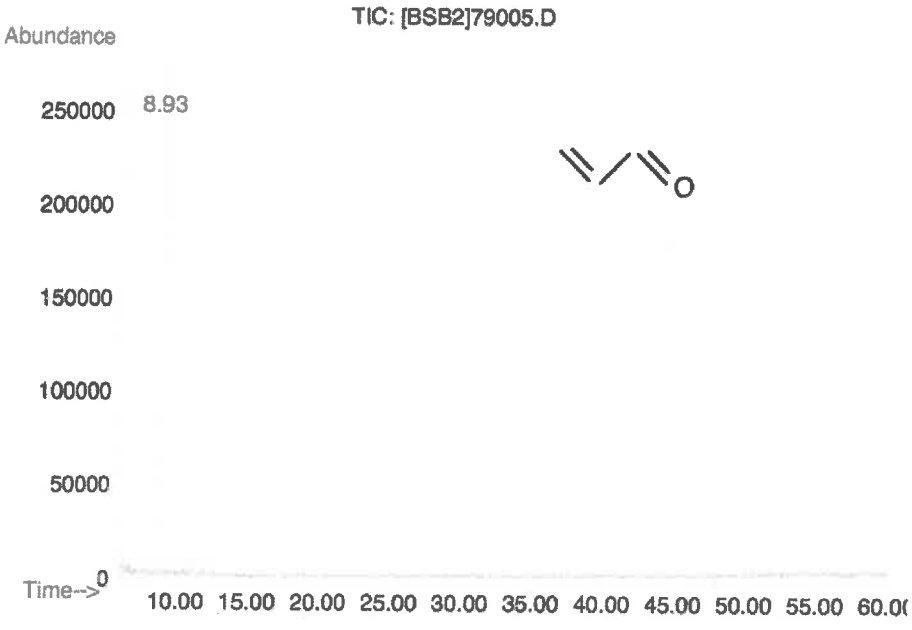
V14914 to V14918

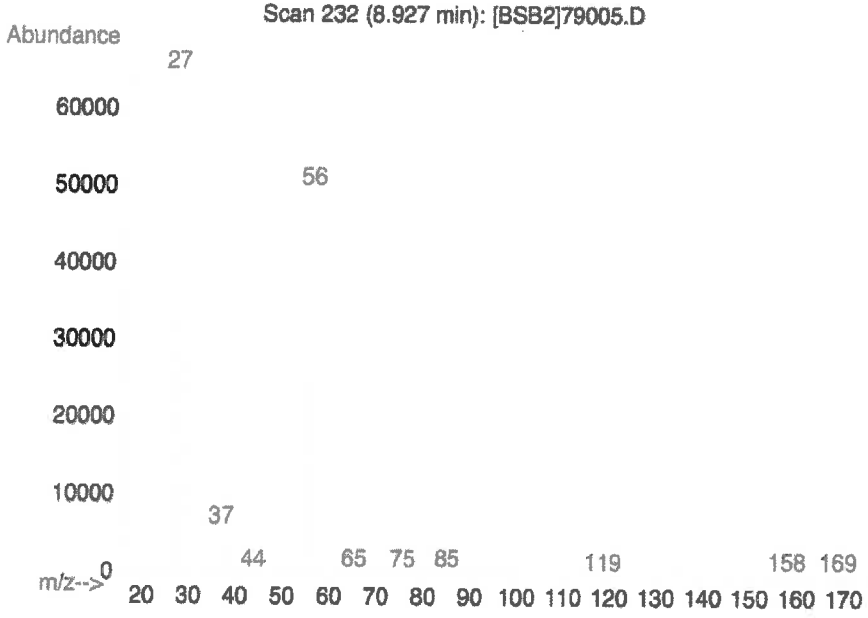
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Eli Aliaga	042325 DATE
Reviewed By:	Pedro L. Rentas	042325 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	0.05178	5011.8	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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	Hamden CT, 06514	Date Prepared/Revised	January 1, 2025

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GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))		% (optional)
Water	CAS#: 7732-18-5	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

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Section VII. HANDLING AND STORAGE

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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

Water CAS#: 7732-18-5 TWA: 500 ppm

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	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water — Completely miscible

Appearance and Odor — CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — NA
Conditions to avoid — NA
Materials to avoid — NA
Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat — NA
LC50 Inhalation - Rat — NA
LD50 Dermal - Guinea pig — NA
Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50 — NA
EC50 — NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

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 Material 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 04/24/25 5 N 104

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 042325
Description: Acrolein

Expiration Date: 052325
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

Solvent(s): Water **Lot#** 072324Q

V14914 10
V14918

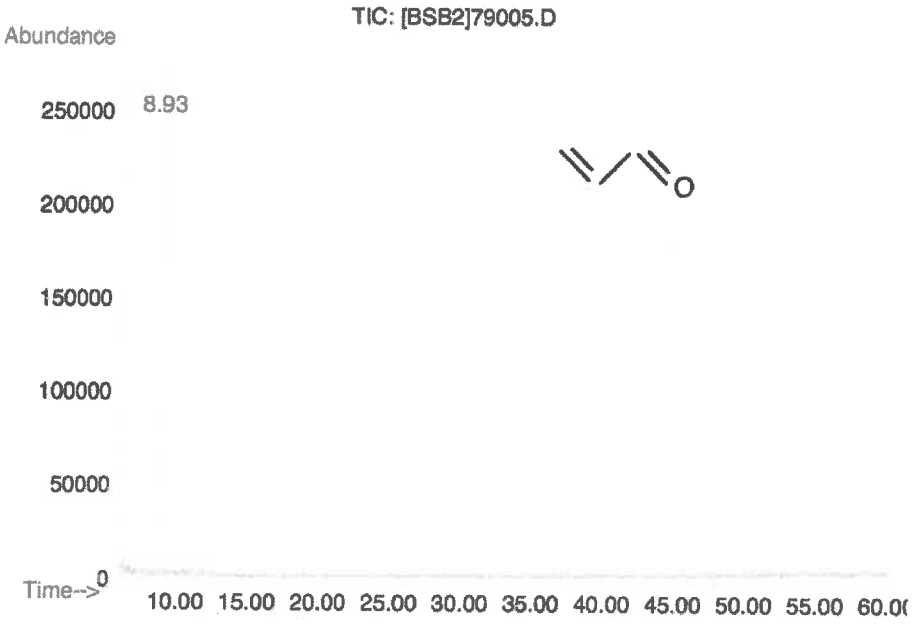
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

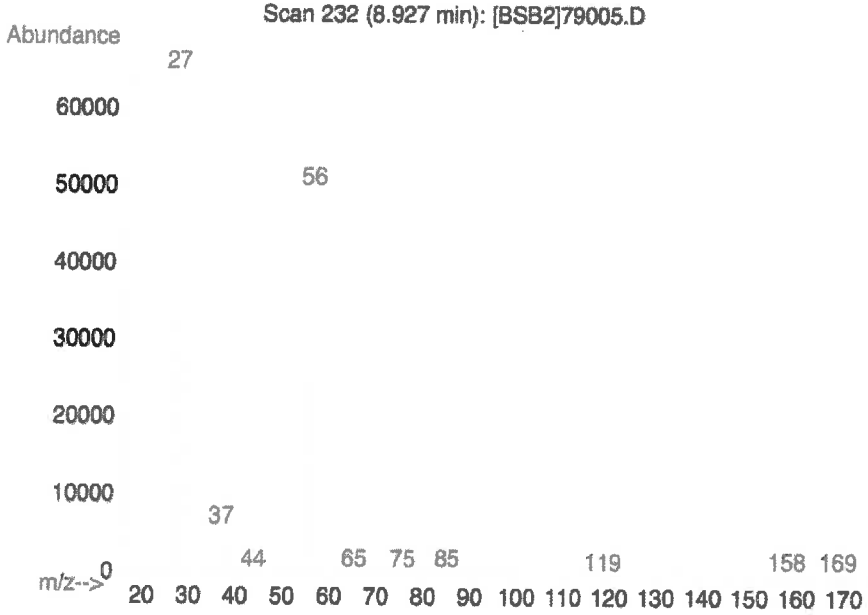
Eli Aliaga 042325
Formulated By: Eli Aliaga DATE

Pedro Rentas 042325
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	0.05178	5011.8	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 wtih weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Rev 1.0, 2/25/2025

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 WATER**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr.	Emergency Telephone International	**1-352-323-3500**
	Hamden CT, 06514	Date Prepared/Revised	January 1, 2025

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

P271	**Use in ventilated area**	**H315**	**Causes skin and eye irritation.**
P302,332	**If on skin, wash with soap and water**	**P280**	**Use gloves, eye protection/face sheild**
		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)
Water	CAS#: 7732-18-5	> 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

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.
Hazardous Decomposition products	Carbon oxides

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

Water CAS#: 7732-18-5 TWA: 500 ppm

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	100°C	Specific Gravity (H2O = 1)	1
Vapor Pressure (mm Hg)		Melting Point	

	NA		0°C
Vapor Density (AIR = 1)	NA	Evaporation rate (Butyl Acetate = 1)	NA

Solubility in Water — Completely miscible

Appearance and Odor — CLEAR, COLORLESS LIQUID WITH SLIGHT CHEMICAL ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — NA
Conditions to avoid — NA
Materials to avoid — NA
Hazardous decomposition products - No data available

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - Rat — NA
LC50 Inhalation - Rat — NA
LD50 Dermal - Guinea pig — NA
Causes skin irritation.
Eye irritation

Section XII. ECOLOGICAL INFORMATION

LC50 — NA
EC50 — NA

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods
Proper shipping name: Water

IATA
Not dangerous goods
Proper shipping name: Water

Section XV. REGULATORY INFORMATION

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 Material 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 09/16/24 2 Vials

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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

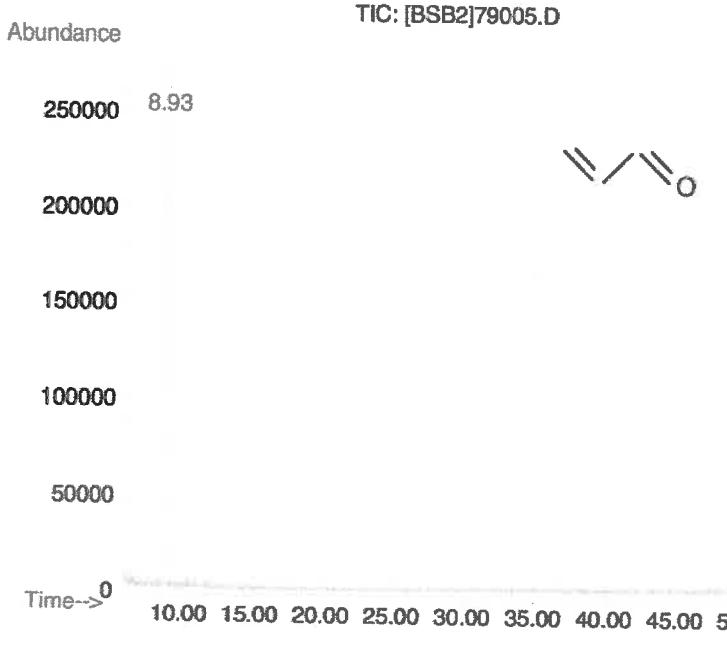
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

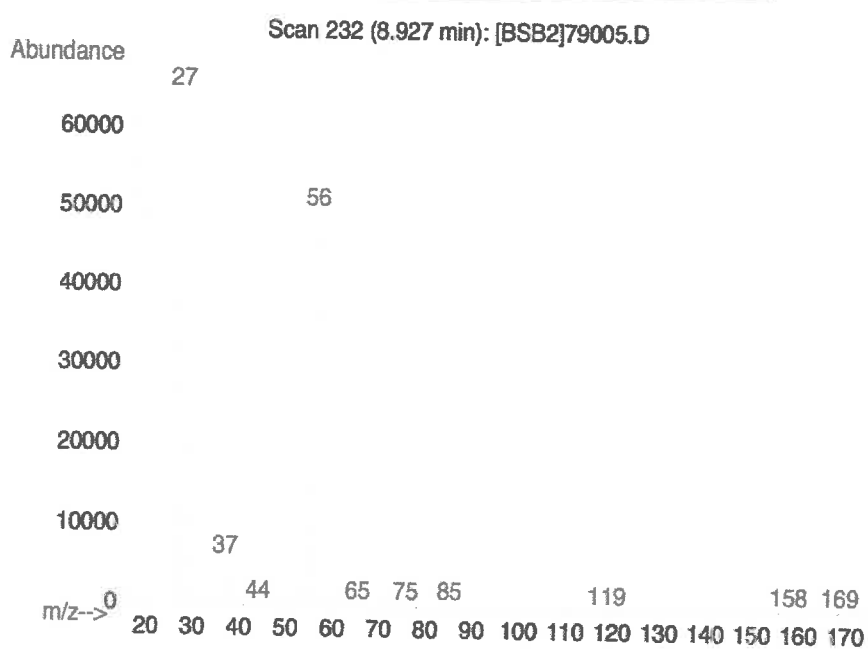
Justin Dippold 091424
Formulated By: Justin Dippold DATE

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).
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Rec 09/16/24 2 Vials

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CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091424
Description: Acrolein

Solvent(s): Water **Lot#** 072324Q

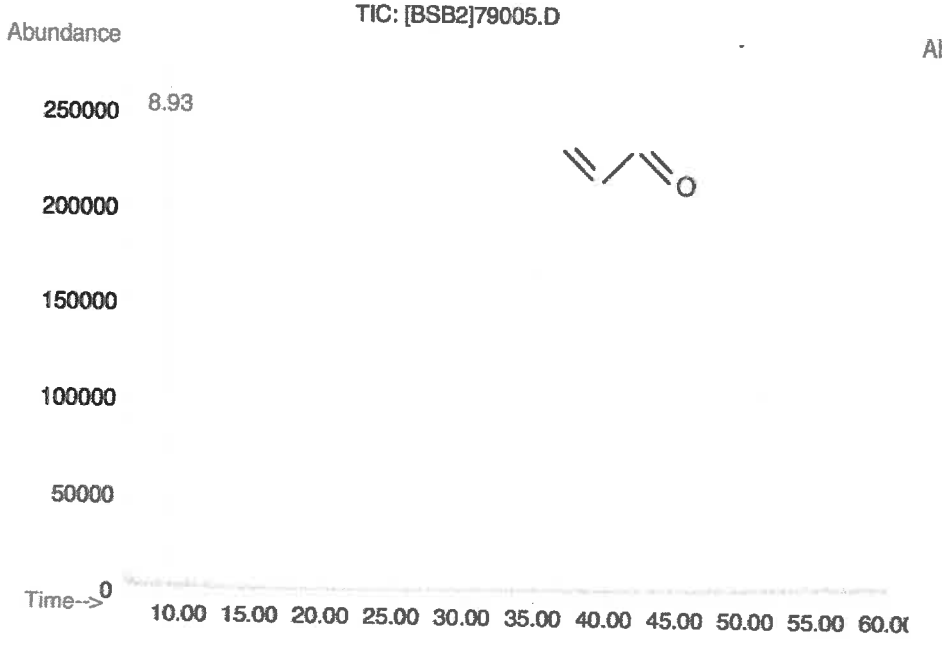
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

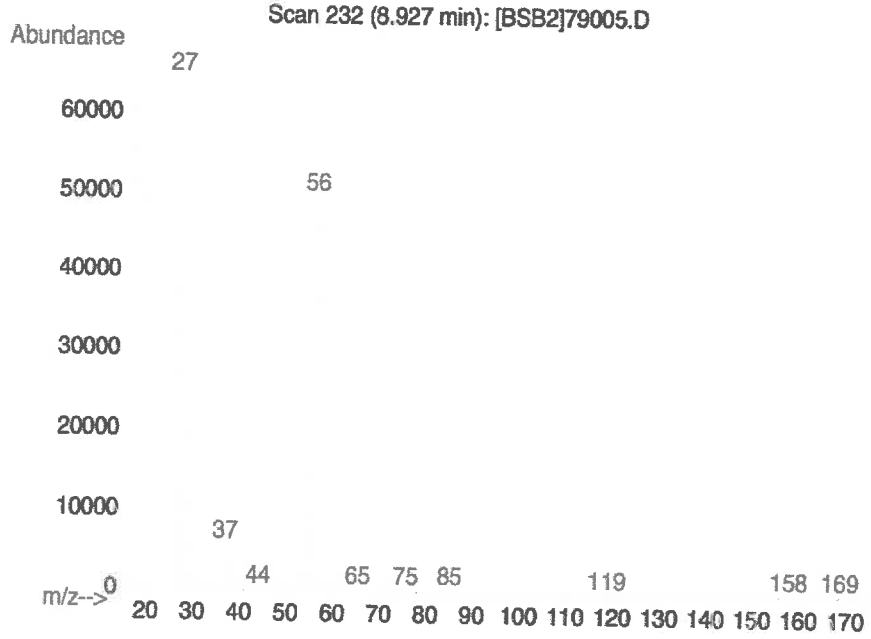
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





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Rec 12/6/24
20 vial
V14630 to
V14649

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

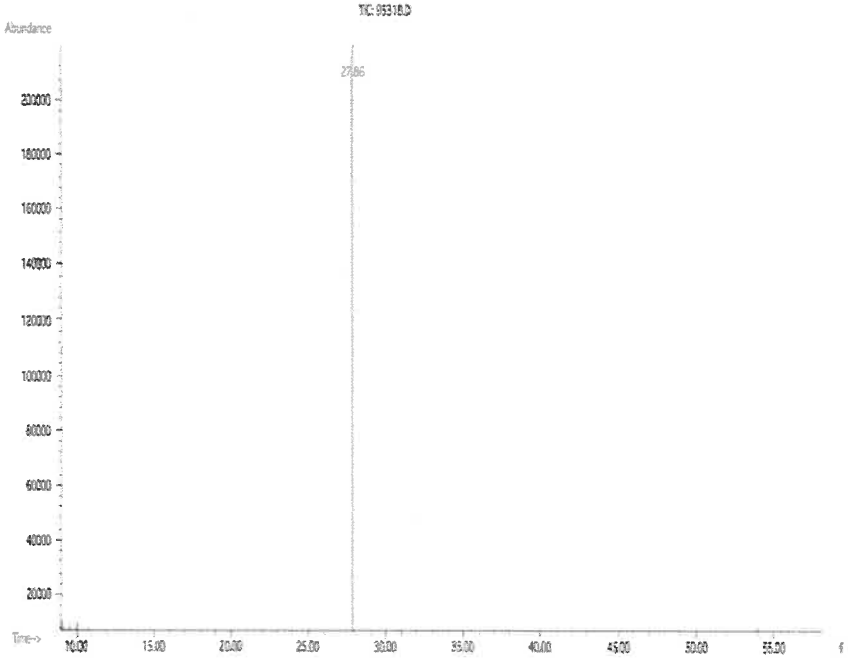
Solvent(s): Methanol **Lot#** EJ143-US

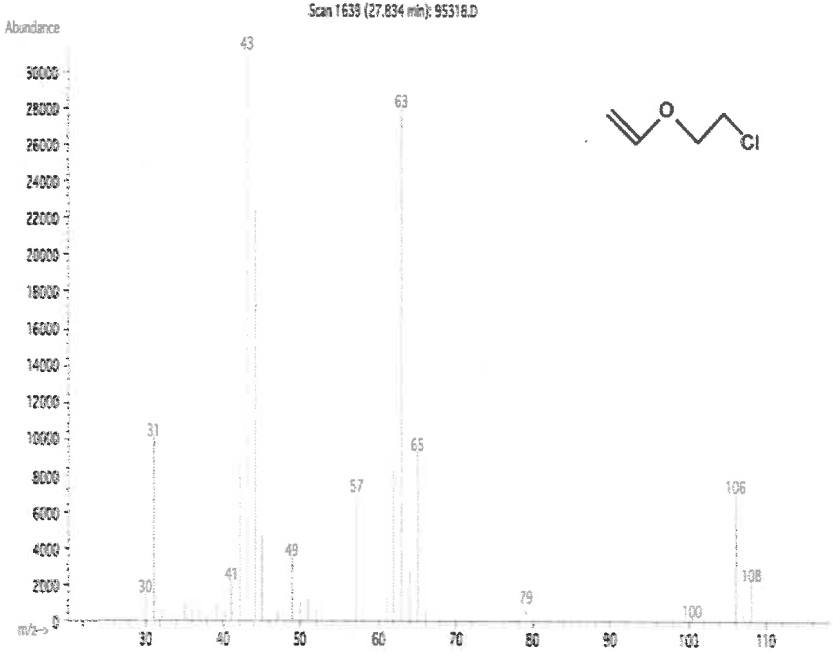
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan		120524
Formulated By:	Prashant Chauhan	DATE
Pedro Rentas		120524
Reviewed By:	Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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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

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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

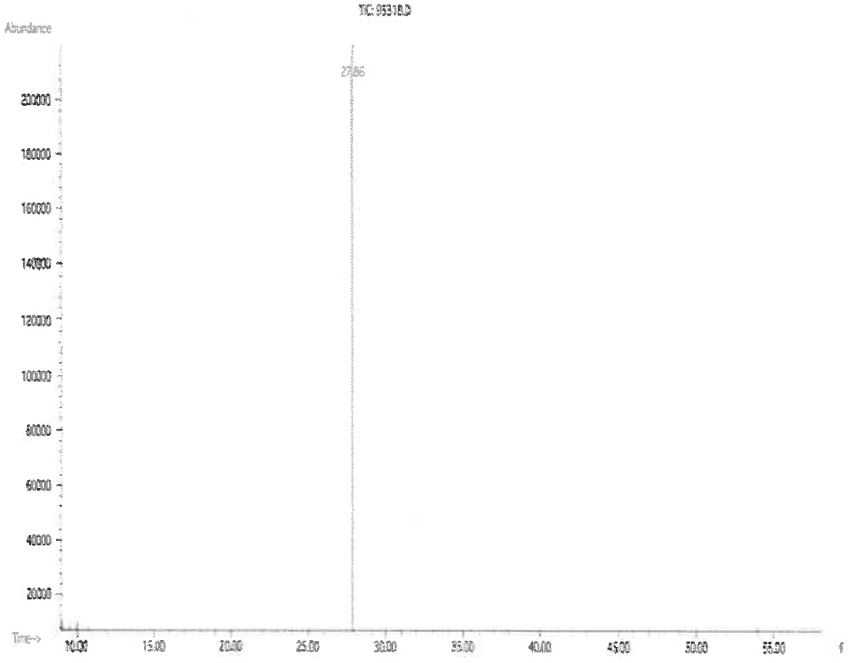
Solvent(s): Methanol **Lot#** EJ143-US

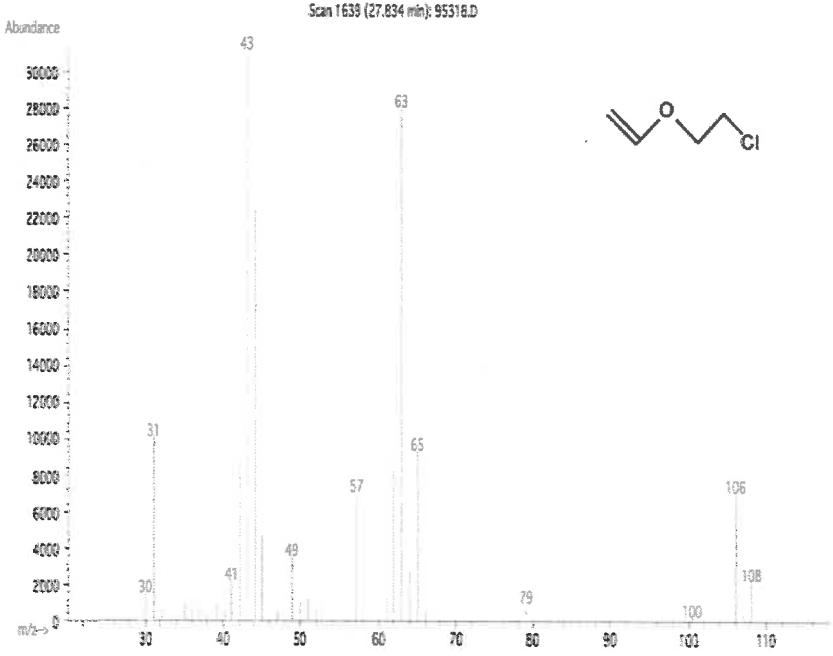
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
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Absolute Standards Inc.
PO Box 5585
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Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**

Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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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
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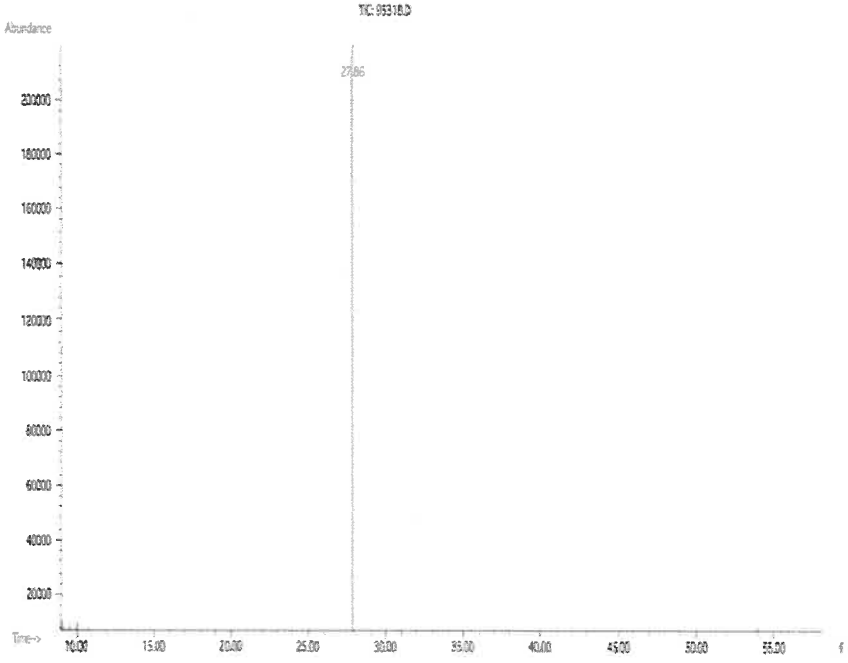
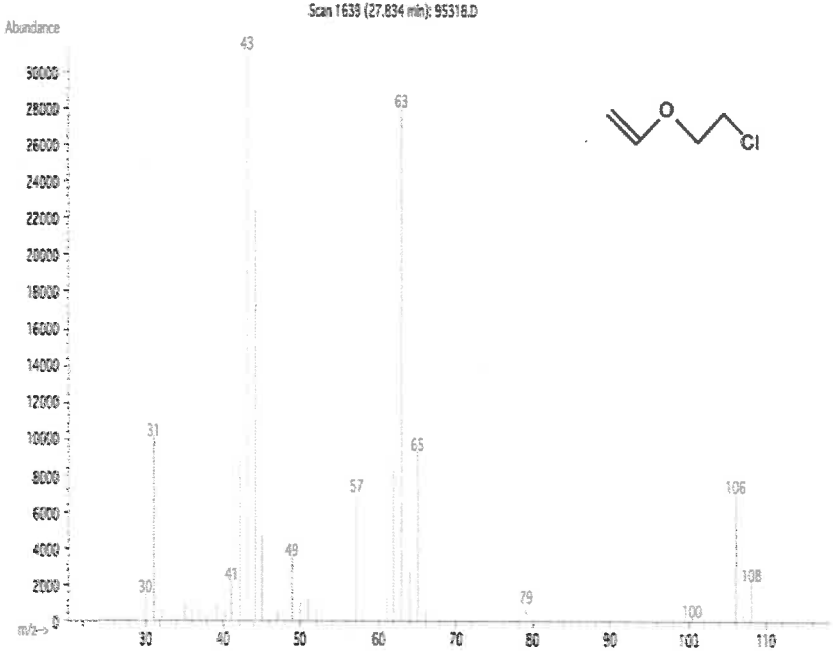
Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





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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.
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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
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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

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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Solvent(s): Methanol **Lot#** EJ143-US

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Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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Formulated By:	Prashant Chauhan	DATE
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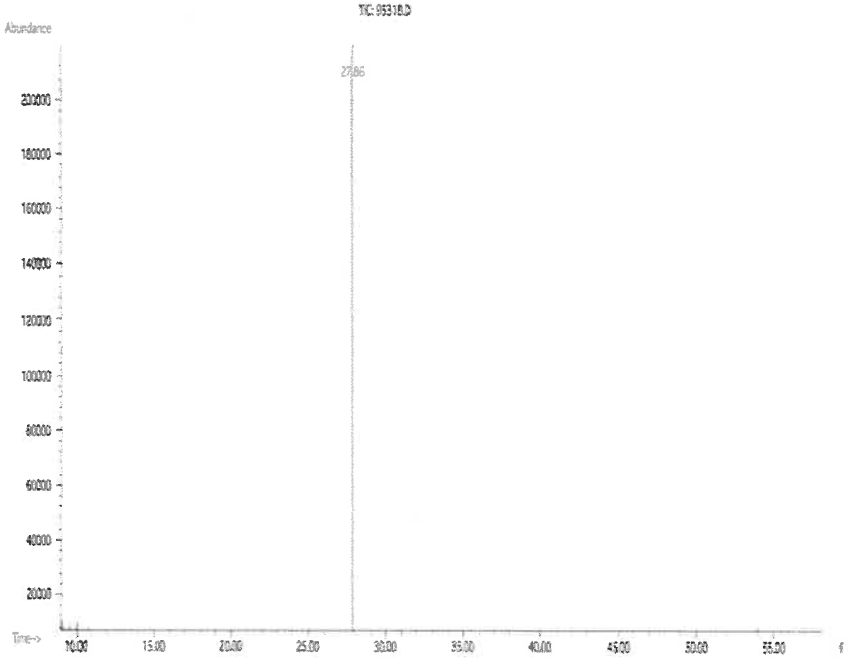

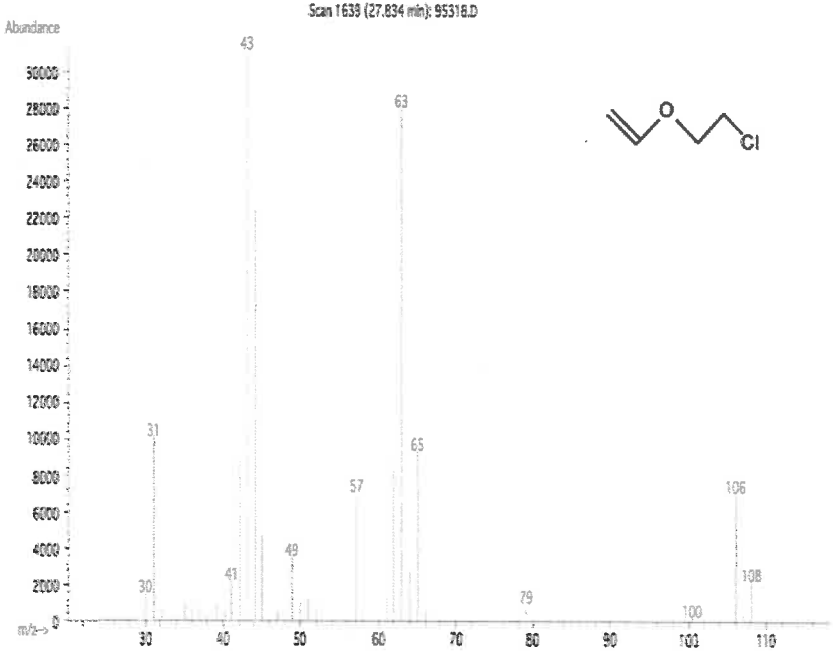

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Signal Word: DANGER

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Components (Specific Chemical Identity; Common Name(s))			% (optional)
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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
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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.

RESTEK
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Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30067 **Lot No.:** A0191805

Description : 4-Bromofluorobenzene Standard

4-Bromofluorobenzene Standard 2,500µg/mL, P&T Methanol, 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	2,483.9 µg/mL	+/- 139.5488

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

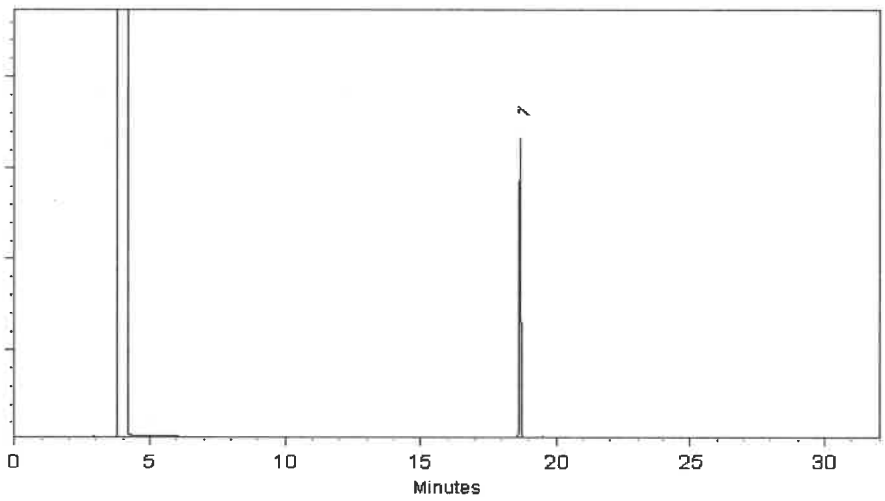
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Alicia Leathers - Operation Technician I

Date Mixed: 17-Nov-2022 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 21-Nov-2022

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

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

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : December 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	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* 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.)

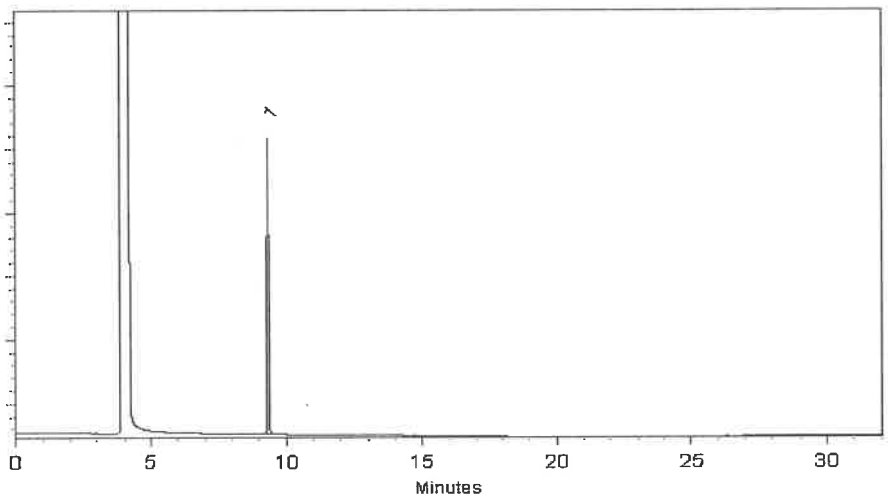
Inj. Temp:
200°C

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.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

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Certificate of Analysis

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : December 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	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* 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.)

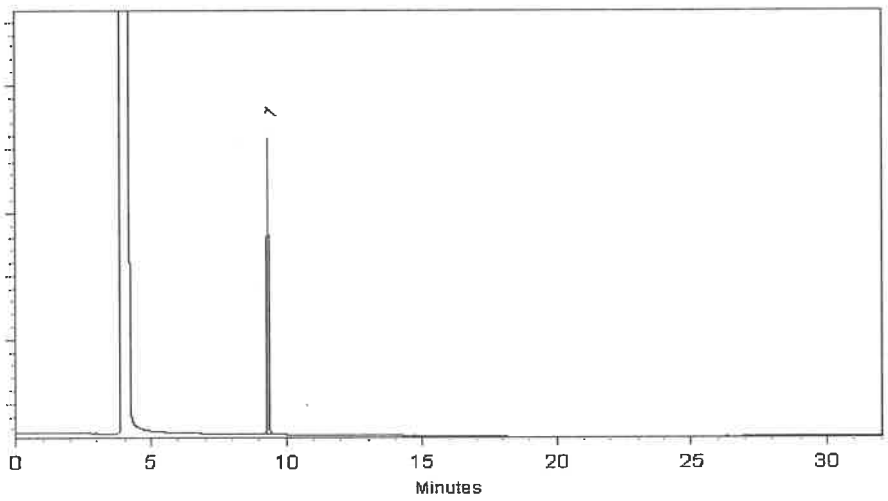
Inj. Temp:
200°C

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.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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Catalog No. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : December 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	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* 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.)

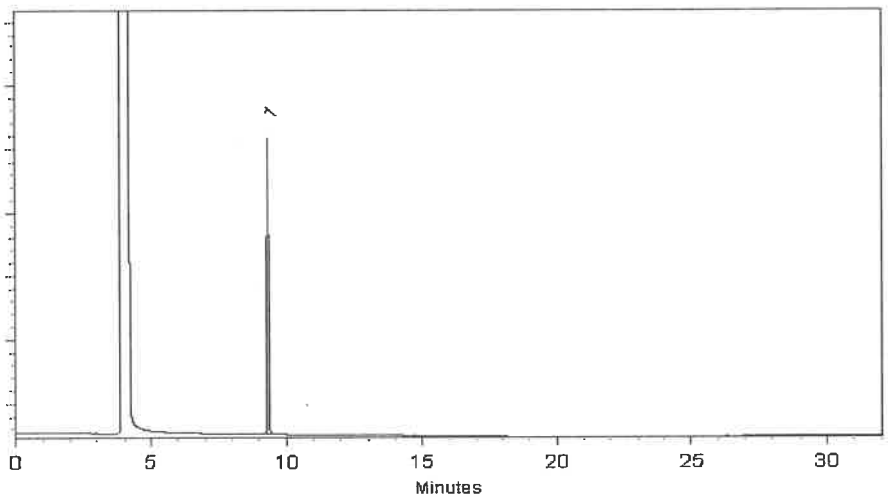
Inj. Temp:
200°C

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.

Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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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:

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Handling Notes:

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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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. : 30225 **Lot No.:** A0193071

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : December 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	Bromochloromethane	74-97-5	00008541	99%	2,018.0 µg/mL	+/- 113.3890

* 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.)

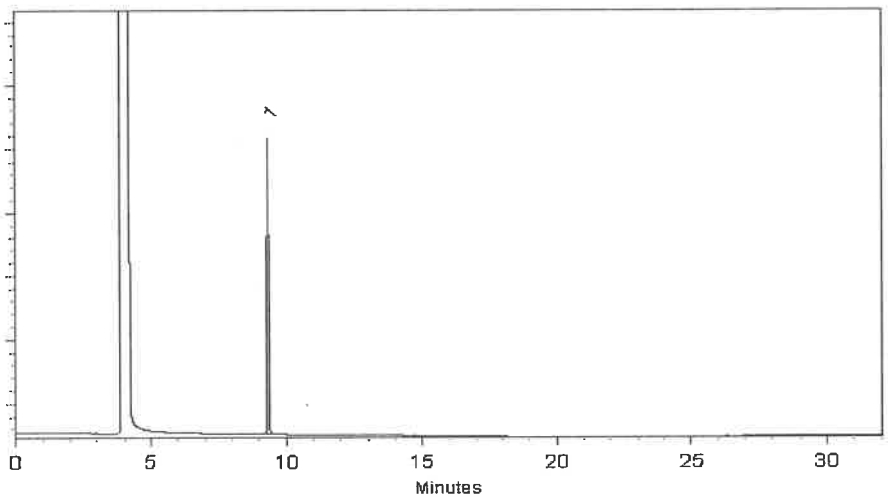
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Tom Suckar - Mix Technician

Date Mixed: 29-Dec-2022 **Balance Serial #** B707717271

Christie Mills - Operations Tech II - ARM QC

Date Passed: 03-Jan-2023

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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- 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:

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Handling Notes:

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

gravimetric

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.:** A0196865

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 : April 30, 2026 **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-32845	99%	25,036.0 µg/mL	+/- 1,417.9179
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	25,132.0 µg/mL	+/- 1,423.3549
3	Dibromofluoromethane	1868-53-7	022013	99%	25,040.0 µg/mL	+/- 1,418.1445
4	Toluene-d8	2037-26-5	PR-33397	99%	25,028.0 µg/mL	+/- 1,417.4648

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

Russ Bookhamer - Operations Technician I

Date Mixed: 11-Apr-2023 **Balance:** 1127510105

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

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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. : 30489 **Lot No.:** A0209618

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 : September 30, 2025 **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	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,016.0 µg/mL	+/- 69.6822
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
7	Amyl acetate	628-63-7	41325/1	97%	2,004.7 µg/mL	+/- 69.2905

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

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

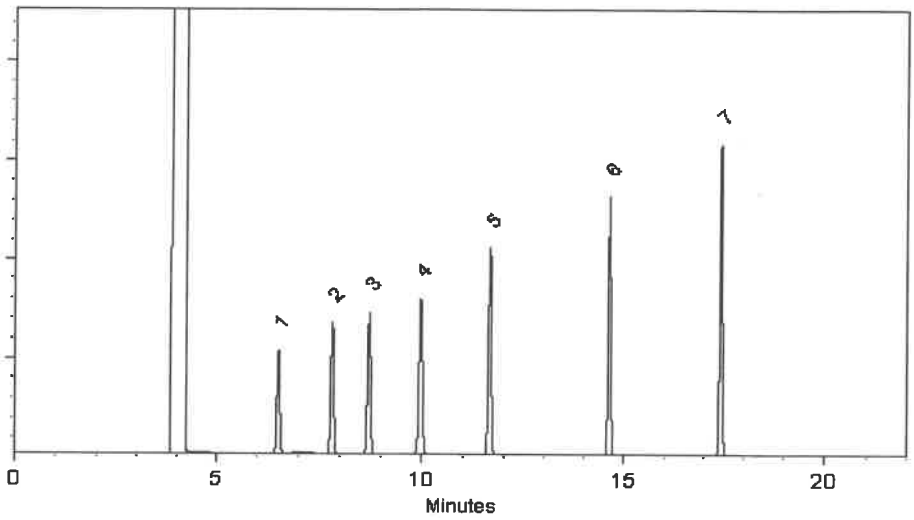
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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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:

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Handling Notes:

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Certificate of Analysis

chromatographic plus

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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. : 30489 **Lot No.:** A0209618

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 : September 30, 2025 **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	SHBP3100	99%	2,019.3 µg/mL	+/- 69.7974
2	Vinyl acetate	108-05-4	RP231030CTH	98%	2,016.8 µg/mL	+/- 69.7112
3	Ethyl acetate	141-78-6	SHBQ9682	99%	2,010.7 µg/mL	+/- 69.4979
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6	Butyl acetate	123-86-4	SHBP6314	99%	2,007.3 µg/mL	+/- 69.3826
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* Expanded Uncertainty displayed in same units as Grav. Conc.

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

Tech Tips:

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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.)

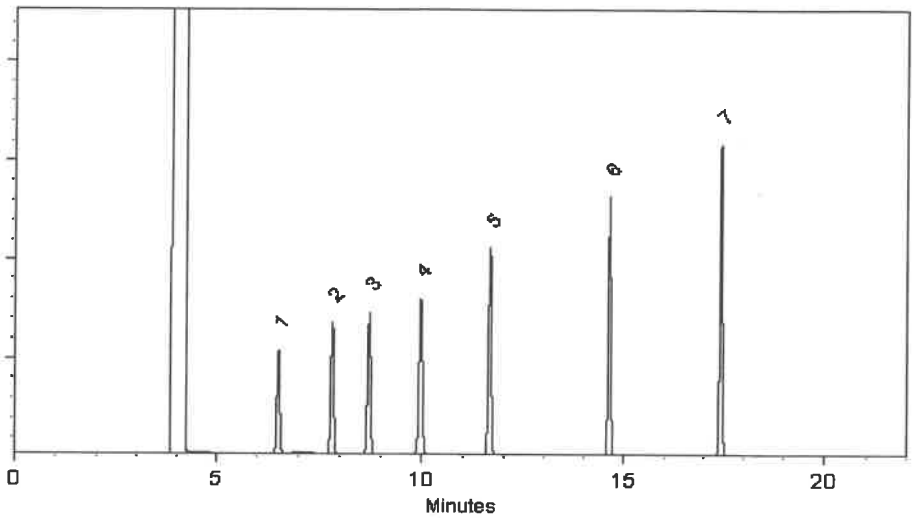
Inj. Temp:
200°C

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.

Sam Moodler - Operations Tech I

Date Mixed: 28-Mar-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 01-Apr-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

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ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

Certificate of Analysis

gravimetric

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

REVIEWED

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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- Purity of isomeric compounds is reported as the sum of the isomers.
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Certified Uncertainty Value Notes:

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Manufacturing Notes:

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Handling Notes:

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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 V.4

Certificate of Analysis

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V14697-to-14726

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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.:** A0210618

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 : July 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	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* 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.)

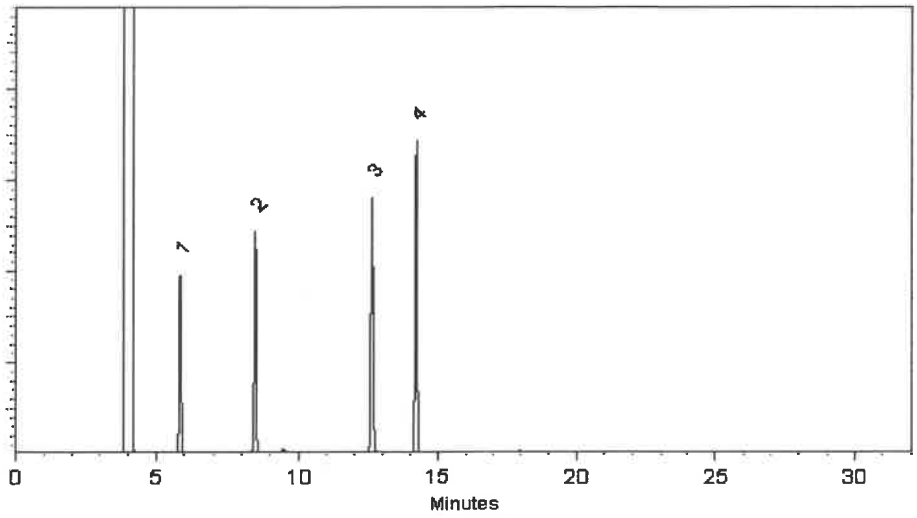
Inj. Temp:
200°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

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Certificate of Analysis

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ACCREDITED
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Certificate #3222.02

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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. : 30006 **Lot No.:** A0210618

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 : July 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	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* 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.)

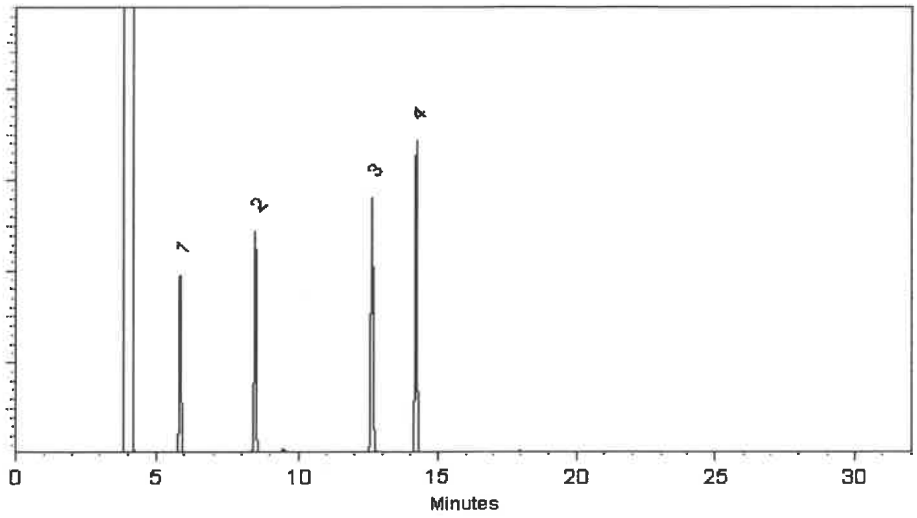
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

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

General Certified Reference Material Notes

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Handling Notes:

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

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30006 **Lot No.:** A0210618

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 : July 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	Acetone	67-64-1	SHBQ8504	99%	5,014.8 µg/mL	+/- 173.2883
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	5,012.4 µg/mL	+/- 173.2054
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	5,011.6 µg/mL	+/- 173.1777
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,013.0 µg/mL	+/- 173.2261

* 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.)

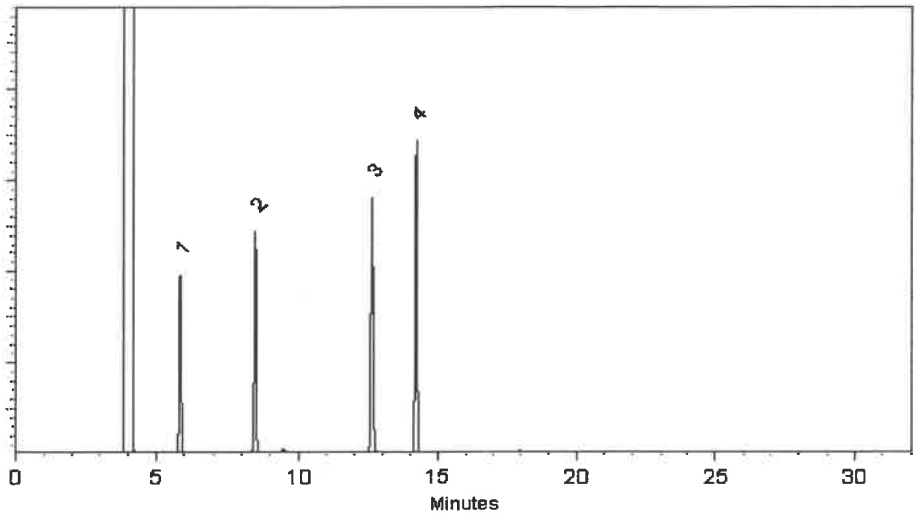
Inj. Temp:
200°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 22-Apr-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Apr-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

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

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

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

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

Quality Confirmation Test

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

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

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

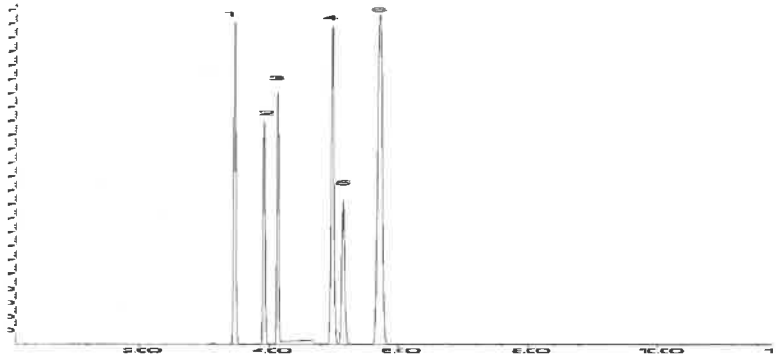
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

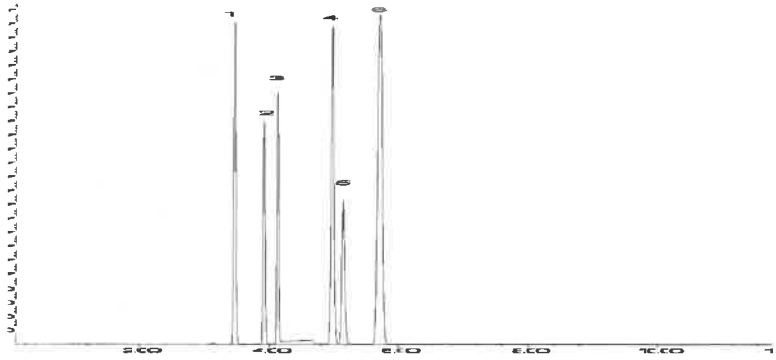
Inj. Temp:
200°C

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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Certificate of Analysis

chromatographic plus

J14842 to 14846

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30470 **Lot No.:** A0217535

Description : tert-Butanol Standard

tert-Butanol Std 50,000µg/mL, P&T Methanol, 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	tert-Butanol (TBA)	75-65-0	SHBQ8002-1	99%	50,007.5 µg/mL	+/- 717.6137

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

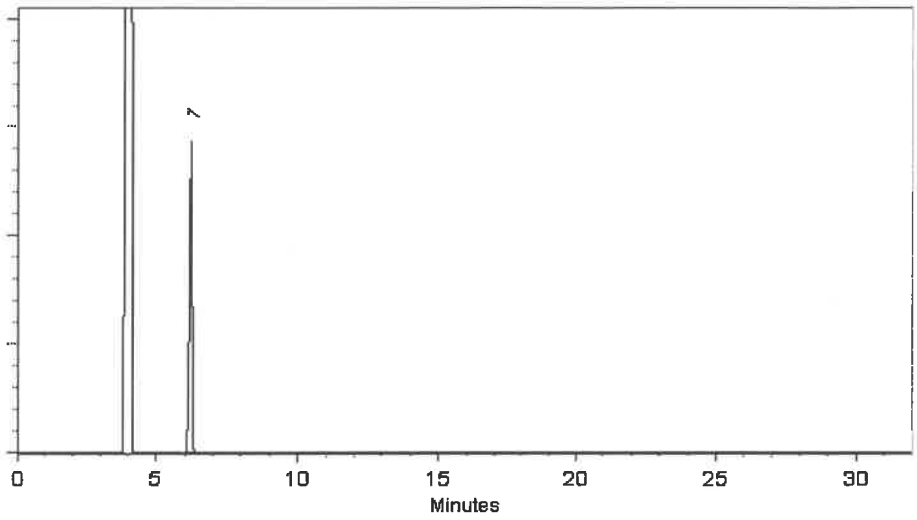
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Aaron Enyart - Operations Tech I

Date Mixed: 07-Oct-2024 **Balance Serial #** B251644995

Brittany Federinko - Operations Tech I

Date Passed: 09-Oct-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

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Certificate of Analysis

chromatographic

V14803 - V14822

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

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

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

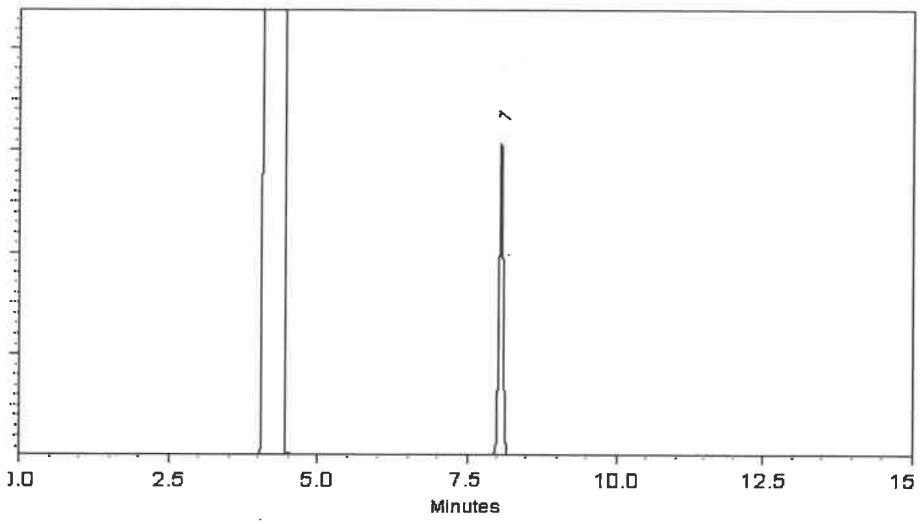
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

Zoviy Rec 01/08/21

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Certificate of Analysis

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V14803 - V14822

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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. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

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

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

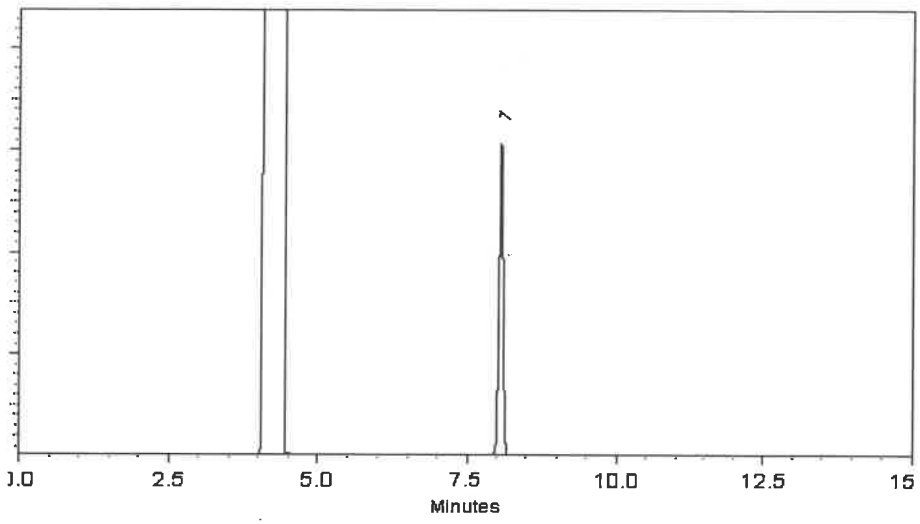
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 22L0562016
Manufactured Date: 2022-10-26
Expiration Date: 2025-10-25
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	0.2 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
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

James T Ethier
Jamie Ethier
Vice President Global Quality

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

Preservation Log

BalanceID: VOA-SC-2

Review By: Amit

Supervise By: MMDadoda

Seq	LabID	Vial A Weight(g)= Total Wt-Tare Wt	Vial A Time	Vial B Weight(g)= Total Wt-Tare Wt	Vial B Time	Vial C Weight(g) Preserve with MeOH	Vial C Time	Methanol ID	Preservation Date	Comments
1	Q1914-01	40.50-32.78=7.72	11:00	40.66-32.72=7.94	11:01	35.55-28.06=7.49	11:02	V14143	04/30/2025	8260 TERRACORE SAMPLES
2	Q1914-02	40.38-32.78=7.6	11:03	40.66-32.95=7.71	11:04	35.48-28.02=7.46	11:05	V14143	04/30/2025	8260 TERRACORE SAMPLES
3	Q1914-03	40.77-32.53=8.24	11:06	40.27-32.61=7.66	11:07	35.51-28.37=7.14	11:08	V14143	04/30/2025	8260 TERRACORE SAMPLES
4	Q1914-04	40.48-32.86=7.62	11:09	39.81-32.88=6.93	11:10	34.92-28.49=6.43	11:11	V14143	04/30/2025	8260 TERRACORE SAMPLES
5	Q1914-05	39.68-32.61=7.07	11:12	40.25-32.68=7.57	11:13	35.58-28.10=7.48	11:14	V14143	04/30/2025	8260 TERRACORE SAMPLES
6	Q1914-06	40.59-32.84=7.75	11:15	40.85-32.70=8.15	11:17	35.84-28.49=7.35	11:17	V14143	04/30/2025	8260 TERRACORE SAMPLES
7	Q1914-07	41.17-32.83=8.34	11:18	40.62-32.51=8.11	11:19	35.87-28.28=7.59	11:20	V14143	04/30/2025	8260 TERRACORE SAMPLES
8	Q1914-08	39.77-32.87=6.9	11:21	40.45-32.91=7.54	11:22	35.42-27.88=7.54	11:23	V14143	04/30/2025	8260 TERRACORE SAMPLES
9	Q1914-09	40.60-32.86=7.74	11:24	40.43-33.00=7.43	11:25	36.49-28.49=8	11:26	V14143	04/30/2025	8260 TERRACORE SAMPLES
10	Q1914-10	39.23-32.40=6.83	11:27	39.98-32.74=7.24	11:28	34.94-27.87=7.07	11:29	V14143	04/30/2025	8260 TERRACORE SAMPLES
11	Q1914-11	40.58-32.85=7.73	11:30	40.34-33.04=7.3	11:31	35.39-27.95=7.44	11:32	V14143	04/30/2025	8260 TERRACORE SAMPLES
12	Q1914-12	40.91-32.99=7.92	11:33	40.19-32.45=7.74	11:33	35.15-27.93=7.22	11:34	V14143	04/30/2025	8260 TERRACORE SAMPLES

Instructions : For medium Level analysis, 5ml MeOH added for CLP(SOM/SFAM) method and 10ml for regular 8260.

If the samples are not to be analyzed within 48hrs of sampling, preserve samples immediately, Vials A and B are stored in the VOA-FRZ-2.

Vial C - MeOH preserved vials are kept in VOA-REF #6.

QA Contorl # A3041177

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1914
COC Number 2046284

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CAM Smith
ADDRESS: 110 Fieldcrest Ave #8 6th Fl.
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt Vernon NY
PROJECT MANAGER: M. Encinas
e-mail: Encinas Ma @ cdsmithlic.com
PHONE: 732 590 4679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CAM Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Flor
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas PHONE: 732 590 4679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☑ NYS ASP A
- ☐ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

NJDEP EC&FL Table 3-2 VOC NJ PFAS 21 PFAS 537.1 CAS1 Task 2-2

PRESERVATIVES

	1	2	3	4	5	6	7	8	9
E_F									
E	✓	✓							

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	COMMENTS
1.	SS-1	Soil		✓	4/28/25	1130	5	CAS1 Task 2-2 Analysis per email See a Hach
2.	SS-91	Soil		✓		1135	5	
3.	SS-2	Soil		✓		1140	5	
4.	SS-3	Soil		✓		1213	5	
5.	SS-4	Soil		✓		1220	5	
6.	SS-5	Soil		✓		1236	5	
7.	SS-6	Soil		✓		1253	5	
8.	SS-7	Soil		✓		1300	5	
9.	SS-8 (MS/MSD)	Soil		✓		1310	15	
10.	SS-9	Soil		✓		1353		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/29/25 1345	1. 4-24-25 1345
2.		2.
3.	4-29-25 1650	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: Temp 2.8° CAdjustment factor +1) IR Gun #1

Page ____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q1914
COC Number 2046746

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM Smith
ADDRESS: 110 Fieldcrest Ave #8 6th Flr
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas
PHONE: 732 590 4679 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: UTEN UST
PROJECT NO.: LOCATION: Mt Vernon NY
PROJECT MANAGER: M. Encinas
e-mail: EncinasMA@cdmsmith.com
PHONE: 732 590 4679 FAX:

CLIENT BILLING INFORMATION

BILL TO: CDM Smith PO#:
ADDRESS: 110 Fieldcrest Ave #8 6th Flr
CITY Edison STATE: NJ ZIP: 08837
ATTENTION: M. Encinas PHONE: 732 590 4679

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced ☐ US EPA CLP
- ☑ NYS ASP A ☐ NYS ASP B
- ☐ Other _____
- ☐ EDD FORMAT _____

ANALYSIS

1: NYCDEP CP-51 Table 3-2 VOC
2: NYDEC CP-51 Table 3-2 EVO
3.
4
5
6
7
8
9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (A)	PRESERVATIVES 2 (E)	PRESERVATIVES 3	PRESERVATIVES 4	PRESERVATIVES 5	PRESERVATIVES 6	PRESERVATIVES 7	PRESERVATIVES 8	PRESERVATIVES 9	COMMENTS
1.	FB-042825	Aq		✓	4/28/25	1530	3	✓	✓								CP-51 Table 3-2 Analysis per scope See attach
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME	RECEIVED BY
RELINQUISHED BY SAMPLER: 1.	4/29/25 1345	RECEIVED BY: 1. 1345 4-29-25
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY: 2.
RELINQUISHED BY SAMPLER: 3.	DATE/TIME: 1650 4-29-25	RECEIVED BY: 3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.8 °C
Comments: Temp 2.8C Adjustment factor +1) IR Gun #1

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

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From: Chenenko, Ricky A. <chenenkora@cdmsmith.com>
Sent: Wednesday, May 14, 2025 1:16 PM
To: Yazmeen Gomez; yazmeen; Jordan Hedvat
Cc: Encinas, Marcie (Puskarik)
Subject: RE: Lab report Q1914

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Thanks very much.

From: Yazmeen Gomez <Yazmeen.Gomez@alliancetg.com>
Sent: Wednesday, May 14, 2025 1:07 PM
To: Chenenko, Ricky A. <chenenkora@cdmsmith.com>; yazmeen <yazmeen@chemtech.net>; Jordan Hedvat <Jordan.Hedvat@AllianceTG.com>
Cc: Encinas, Marcie (Puskarik) <EncinasMA@cdmsmith.com>
Subject: RE: Lab report Q1914

You don't often get email from yazmeen.gomez@alliancetg.com. Learn why this is important

Ricky,

I have let QA/QC know to create NYS B reports.

They should be uploaded by EOB.

Best Regards,

Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-789-8900
Direct: 908-728-3147
Address: 284 Sheffield St, Ste 1, Mountainside, NJ 07092
www.alliancetg.com

From: Chenenko, Ricky A. <chenenkora@cdmsmith.com>
Sent: Wednesday, May 14, 2025 11:53 AM
To: yazmeen <yazmeen@chemtech.net>; Jordan Hedvat <jordan.hedvat@alliancetg.com>
Cc: Encinas, Marcie (Puskarik) <EncinasMA@cdmsmith.com>
Subject: Lab report Q1914

EXTERNAL EMAIL - This email was sent by a person from outside your organization. Exercise caution when clicking links, opening attachments or taking further action, before validating its authenticity.

Secured by Check Point

Yazmeen,

Can we get the ASP B report for Q1914? I think I checked off ASP A by mistake.

Thanks,

Ricky

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1914 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 4/29/2025 2:19:16 PM
Project Name : Con Ed UTEN Mount Vern
Receive DateTime : 4/29/2025 4:50:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1914-01	SS-1	Solid	04/28/2025	11:30					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-02	SS-91	Solid	04/28/2025	11:35					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-03	SS-2	Solid	04/28/2025	11:40					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-04	SS-3	Solid	04/28/2025	~~12:15~~ 12:18					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-05	SS-4	Solid	04/28/2025	12:20					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-06	SS-5	Solid	04/28/2025	12:36					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-07	SS-6	Solid	04/28/2025	12:53					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-08	SS-7	Solid	04/28/2025	13:00					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1914 CAMP02
Client Name : CDM Smith
Client Contact : Marcie Ann Encinas
Invoice Name : CDM Smith
Invoice Contact : Marcie Ann Encinas

Order Date : 4/29/2025 2:19:16 PM
Project Name : Con Ed UTEN Mount Vern
Receive DateTime : 4/29/2025 4:50:00 PM
Purchase Order :

Project Mgr :
Report Type : NYS ASP B
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D		10 Bus. Days
Q1914-09	SS-8	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-10	Q1914-09MS	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-11	Q1914-09MSD	Solid	04/28/2025	13:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-12	SS-9	Solid	04/28/2025	13:53					
					VOCMS Group3		8260D		10 Bus. Days
Q1914-14	FB04282025	Water	04/28/2025	~~00:00~~ 14:30					
					VOCMS Group3		8260-Low		10 Bus. Days

Relinquished By :
Date / Time : 4/30/25 10:35

Received By :
Date / Time : 04/30/25 10:35
Storage Area : VOA Refridgerator Room

Rgt 6
Rgt 2
Rgt 4