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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : RFP 916

WESTON SOLUTIONS, INC.

1090 King Georges Post Road

Suite 201

Edison, NJ - 08837-3703

Phone No: 732-585-4410

ORDER ID : Q3178

ATTENTION : Smita Sumbaly

Laboratory Certification ID # 20012

Table Of Contents for Q3178

1) VOLATILES DATA 2

2) Signature Page 4

3) Case Narrative 5

4) Qualifier Page 7

5) Conformance/Non Conformance 8

6) QA Checklist 10

7) Chronicle 11

8) Hit Summary 12

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

- 9.1) Deuterated Monitoring Compound Summary 14
- 9.2) MS/MSD Summary 15
- 9.3) LCS/LCSD Summary 19
- 9.4) Method Blank Summary 23
- 9.5) GS/MS Tune Summary 25
- 9.6) Internal Standard Area and RT Summary 29

10) Sample Data 33

- 10.1) EME-TS14-01 34

11) Calibration Data Summary 47

- 11.1) Initial Calibration Data 48
  - 11.1.1) VW082625 48
  - 11.1.2) VW092525 423
- 11.2) Continued Calibration Data 798
  - 11.2.1) VW032241.D 798
  - 11.2.2) VW032267.D 858

12) QC Sample Data 918

- 12.1) Tune Raw Data 919
- 12.2) Method Blank Data 923
- 12.3) LCS Data 949
- 12.4) MS Data 1059
- 12.5) MSD Data 1114

13) Manual Integration 1169

14) Analytical Runlogs 1173

15) Percent Solid 1182

16) Standard Prep Logs 1187

17) VOC Preservation Log 1266

Table Of Contents for Q3178

18) Shipping Document 1267

18.1) Chain Of Custody 1268

18.2) Lab Certificate 1269

18.3) Internal COC 1270

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

Cover Page

Order ID : Q3178

Project ID : RFP 916

Client : Weston Solutions, Inc.

Lab Sample Number	Client Sample Number
Q3178-01	EME-TS14-01
Q3178-02	EME-TS14-01MS
Q3178-03	EME-TS14-01MSD

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 Sohil Jodhani, QA/QC Director at 1:12 pm, Oct 02, 2025

Date: 10/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 916
Project # N/A
Order ID # Q3178
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 09/23/2025.

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

C. Analytical Techniques:
The analysis performed on instrument MSVOA_W were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

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

The Internal Standards Areas were met for all analysis except for EME-TS14-01MS, EME-TS14-01MSD original analysis met all QC limit requirements therefore no corrective action taken.
The Retention Times were met for all analysis.

The MS {Q3178-02MS} with File ID: VW032271.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[280%], 1,2-Dibromo-3-Chloropropane[240%], Isopropylbenzene[173%] and Methyl Acetate[293%] due to matrix interference.
The MSD {Q3178-03MSD} with File ID: VW032272.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[224%], 1,2-Dibromo-3-Chloropropane[196%], Isopropylbenzene[168%] and Methyl Acetate[281%] due to matrix interference.

The RPD for {Q3178-03MSD} with File ID: VW032272.D met criteria except for 1,1,2,2-Tetrachloroethane[22%], 1,2,4-Trichlorobenzene[23%], Bromodichloromethane[22%], Carbon disulfide[27%], Carbon Tetrachloride[21%], cis-1,2-Dichloroethene[21%], cis-1,3-Dichloropropene[29%], Dibromochloromethane[31%], Methylcyclohexane[22%], o-Xylene[22%], Styrene[27%], t-1,3-Dichloropropene[26%], Toluene[33%], Trichloroethene[26%] and Trichlorofluoromethane[24%]

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due to difference in results of MS and MSD.

The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The %RSD is greater than 20% in the Initial Calibration method (82W082625S.M) for Methylene chloride passing on Quadratic regression.
The %RSD is greater than 20% in the Initial Calibration method (82W092525S.M) for Methylene chloride passing on Linear regression.

The Continuous Calibration File ID VW032241.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.
The Tuning criteria met requirements.

E. Calculation:
Low Level Soil Calculation in ug/Kg dry weight basis

$$\frac{(A_x)(I_s)(Df)}{(Ais)(RRF)(Ws)(D)}$$

Where
Ax = Area for the compound to be measured
Ais = Area for the specific internal standard
Is = Amount of internal standard added in nanograms (ng)
RRF = Relative response factor of the initial calibration curve standard.
Df = Dilution factor
Ws= Weight of sample

$$D = \frac{100 - \%moisture}{100}$$

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

G. 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 Sohil Jodhani, QA/QC Director at 1:12 pm, Oct 02, 2025

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

GC/MS VOA CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3178 MATRIX: Solid

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 %RSD is greater than 20% in the Initial Calibration method (82W082625S.M) for Methylene chloride passing on Quadratic regression. The %RSD is greater than 20% in the Initial Calibration method (82W092525S.M) for Methylene chloride passing on Linear regression. The Continuous Calibration File ID VW032241.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.		✓	
6.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			✓

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 {Q3178-02MS} with File ID: VW032271.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[280%], 1,2-Dibromo-3-Chloropropane[240%], Isopropylbenzene[173%] and Methyl Acetate[293%] due to matrix interference.

The MSD {Q3178-03MSD} with File ID: VW032272.D recoveries met the requirements for all compounds except for 1,1,2,2-Tetrachloroethane[224%], 1,2-Dibromo-3-Chloropropane[196%], Isopropylbenzene[168%] and Methyl Acetate[281%] due to matrix interference.

The RPD for {Q3178-03MSD} with File ID: VW032272.D met criteria except for 1,1,2,2-Tetrachloroethane[22%], 1,2,4-Trichlorobenzene[23%], Bromodichloromethane[22%], Carbon disulfide[27%], Carbon Tetrachloride[21%], cis-1,2-Dichloroethene[21%], cis-1,3-Dichloropropene[29%], Dibromochloromethane[31%], Methylcyclohexane[22%], o-Xylene[22%], Styrene[27%], t-1,3-Dichloropropene[26%], Toluene[33%], Trichloroethene[26%] and Trichlorofluoromethane[24%]
due to difference in results of MS and MSD.

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

Comments: The Internal Standards Areas were met for all analysis except for EME-TS14-01MS, EME-TS14-01MSD original analysis met all QC limit requirements therefore no corrective action taken.

10.	Analysis Holding Time Met			✓

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

ADDITIONAL COMMENTS:

Trip Blank was not provided with this set of samples.

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

QA REVIEW

APPROVED
By Sohil Jodhani, QA/QC Director at 1:12 pm, Oct 02, 2025

Date

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3178

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

QA Review Signature: SOHIL JODHANI **Date:** 10/02/2025

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LAB CHRONICLE

OrderID:	Q3178	**OrderDate:**	9/24/2025 10:59:00 AM
Client:	Weston Solutions, Inc.	**Project:**	RFP 916
Contact:	Smita Sumbaly	**Location:**	J33,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3178-01	**EME-TS14-01**	**SOIL**			**09/23/25**			**09/23/25**
			VOC-TCLVOA-10	8260D			09/24/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3178

Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

QC SUMMARY

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Surrogate Summary

SDG No.: Q3178

Client: Weston Solutions, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q3178-01	EME-TS14-01	1,2-Dichloroethane-d4	50	64.8	130		63	155
		Dibromofluoromethane	50	57.6	115		70	134
		Toluene-d8	50	53.8	108		74	123
		4-Bromofluorobenzene	50	48.5	97		17	146
Q3178-02MS	EME-TS14-01MS	1,2-Dichloroethane-d4	50	59.0	118		63	155
		Dibromofluoromethane	50	50.7	101		70	134
		Toluene-d8	50	39.4	79		74	123
		4-Bromofluorobenzene	50	23.0	46		17	146
Q3178-03MSD	EME-TS14-01MSD	1,2-Dichloroethane-d4	50	65.3	131		63	155
		Dibromofluoromethane	50	60.0	120		70	134
		Toluene-d8	50	51.0	102		74	123
		4-Bromofluorobenzene	50	37.1	74		17	146
VW0924SBL01	VW0924SBL01	1,2-Dichloroethane-d4	50	58.3	117		63	155
		Dibromofluoromethane	50	54.6	109		70	134
		Toluene-d8	50	52.4	105		74	123
		4-Bromofluorobenzene	50	46.4	93		17	146
VW0924SBS01	VW0924SBS01	1,2-Dichloroethane-d4	50	49.6	99		63	155
		Dibromofluoromethane	50	51.3	103		70	134
		Toluene-d8	50	49.2	98		74	123
		4-Bromofluorobenzene	50	49.3	99		17	146
VW0926SBL01	VW0926SBL01	1,2-Dichloroethane-d4	50	63.5	127		63	155
		Dibromofluoromethane	50	53.0	106		70	134
		Toluene-d8	50	53.6	107		74	123
		4-Bromofluorobenzene	50	47.5	95		17	146
VW0926SBS01	VW0926SBS01	1,2-Dichloroethane-d4	50	47.1	94		63	155
		Dibromofluoromethane	50	46.3	93		70	134
		Toluene-d8	50	46.9	94		74	123
		4-Bromofluorobenzene	50	48.4	97		17	146

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3178 **Analytical Method:** SW8260D

Client: Weston Solutions, Inc. **Datafile :** VW032271.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3178-02MS		**Client Sample ID : EME-TS14-01MS**									
Dichlorodifluoromethane	75.1	0	80.2	ug/Kg	107				40	150	
Chloromethane	75.1	0	78.1	ug/Kg	104				24	175	
Vinyl chloride	75.1	0	90.1	ug/Kg	120				21	175	
Bromomethane	75.1	0	78.2	ug/Kg	104				46	150	
Chloroethane	75.1	0	94.4	ug/Kg	126				30	175	
Trichlorofluoromethane	75.1	0	78.9	ug/Kg	105				53	150	
1,1,2-Trichlorotrifluoroethane	75.1	0	78.9	ug/Kg	105				60	135	
1,1-Dichloroethene	75.1	0	89.7	ug/Kg	119				63	136	
Acetone	380	0	550	ug/Kg	145				41	175	
Carbon disulfide	75.1	0	63.4	ug/Kg	84				45	126	
Methyl tert-butyl Ether	75.1	0	110	ug/Kg	146				56	175	
Methyl Acetate	75.1	0	220	ug/Kg	293	*			32	175	
Methylene Chloride	75.1	0	100	ug/Kg	133				59	175	
trans-1,2-Dichloroethene	75.1	0	80.3	ug/Kg	107				63	137	
1,1-Dichloroethane	75.1	0	89.1	ug/Kg	119				62	154	
Cyclohexane	75.1	0	63.4	ug/Kg	84				41	131	
2-Butanone	380	0	560	ug/Kg	147				48	174	
Carbon Tetrachloride	75.1	0	73.8	ug/Kg	98				48	149	
cis-1,2-Dichloroethene	75.1	0	82.2	ug/Kg	109				59	153	
Bromochloromethane	75.1	0	91.5	ug/Kg	122				54	172	
Chloroform	75.1	0	85.2	ug/Kg	113				60	159	
1,1,1-Trichloroethane	75.1	0	82.0	ug/Kg	109				60	149	
Methylcyclohexane	75.1	0	50.2	ug/Kg	67				19	135	
Benzene	75.1	0	78.4	ug/Kg	104				59	140	
1,2-Dichloroethane	75.1	0	90.1	ug/Kg	120				63	153	
Trichloroethene	75.1	0	68.9	ug/Kg	92				45	154	
1,2-Dichloropropane	75.1	0	80.4	ug/Kg	107				67	141	
Bromodichloromethane	75.1	0	77.3	ug/Kg	103				54	160	
4-Methyl-2-Pentanone	380	0	540	ug/Kg	142				54	164	
Toluene	75.1	0	63.9	ug/Kg	85				61	134	
t-1,3-Dichloropropene	75.1	0	71.1	ug/Kg	95				47	155	
cis-1,3-Dichloropropene	75.1	0	69.1	ug/Kg	92				56	141	
1,1,2-Trichloroethane	75.1	0	81.3	ug/Kg	108				69	148	
2-Hexanone	380	0	510	ug/Kg	134				43	164	
Dibromochloromethane	75.1	0	67.8	ug/Kg	90				65	143	
1,2-Dibromoethane	75.1	0	78.0	ug/Kg	104				63	144	
Tetrachloroethene	75.1	0	86.1	ug/Kg	115				27	175	
Chlorobenzene	75.1	0	76.4	ug/Kg	102				66	127	
Ethyl Benzene	75.1	0	79.6	ug/Kg	106				54	134	
m/p-Xylenes	150	0	150	ug/Kg	100				51	137	
o-Xylene	75.1	0	74.7	ug/Kg	99				57	139	
Styrene	75.1	0	66.5	ug/Kg	89				47	136	
Bromoform	75.1	0	99.0	ug/Kg	132				64	144	
Isopropylbenzene	75.1	0	130	ug/Kg	173	*			44	160	
1,1,2,2-Tetrachloroethane	75.1	0	210	ug/Kg	280	*			18	175	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3178 **Analytical Method:** SW8260D

Client: Weston Solutions, Inc. **Datafile :** VW032271.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	75.1	0	80.3	ug/Kg	107				55	131	
1,4-Dichlorobenzene	75.1	0	76.1	ug/Kg	101				57	129	
1,2-Dichlorobenzene	75.1	0	76.1	ug/Kg	101				54	140	
1,2-Dibromo-3-Chloropropane	75.1	0	180	ug/Kg	240	*			46	175	
1,2,4-Trichlorobenzene	75.1	0	32.2	ug/Kg	43				12	127	
1,2,3-Trichlorobenzene	75.1	0	31.0	ug/Kg	41				10	160	

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3178 **Analytical Method:** SW8260D

Client: Weston Solutions, Inc. **Datafile :** VW032272.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID : Q3178-03MSD		**Client Sample ID : EME-TS14-01MSD**									
Dichlorodifluoromethane	71.3	0	91.8	ug/Kg	129		19		40	150	20
Chloromethane	71.3	0	88.6	ug/Kg	124		18		24	175	20
Vinyl chloride	71.3	0	94.8	ug/Kg	133		10		21	175	20
Bromomethane	71.3	0	87.5	ug/Kg	123		16		46	150	20
Chloroethane	71.3	0	97.7	ug/Kg	137		9		30	175	20
Trichlorofluoromethane	71.3	0	95.0	ug/Kg	133		24	*	53	150	20
1,1,2-Trichlorotrifluoroethane	71.3	0	88.6	ug/Kg	124		17		60	135	20
1,1-Dichloroethene	71.3	0	94.7	ug/Kg	133		11		63	136	20
Acetone	360	0	470	ug/Kg	131		10		41	175	20
Carbon disulfide	71.3	0	79.3	ug/Kg	111		27	*	45	126	20
Methyl tert-butyl Ether	71.3	0	110	ug/Kg	154		5		56	175	20
Methyl Acetate	71.3	0	200	ug/Kg	281	*	4		32	175	20
Methylene Chloride	71.3	0	110	ug/Kg	154		15		59	175	20
trans-1,2-Dichloroethene	71.3	0	92.9	ug/Kg	130		20		63	137	20
1,1-Dichloroethane	71.3	0	98.2	ug/Kg	138		15		62	154	20
Cyclohexane	71.3	0	73.5	ug/Kg	103		20		41	131	20
2-Butanone	360	0	510	ug/Kg	142		4		48	174	20
Carbon Tetrachloride	71.3	0	86.9	ug/Kg	122		21	*	48	149	20
cis-1,2-Dichloroethene	71.3	0	96.1	ug/Kg	135		21	*	59	153	20
Bromochloromethane	71.3	0	99.0	ug/Kg	139		13		54	172	20
Chloroform	71.3	0	96.6	ug/Kg	135		18		60	159	20
1,1,1-Trichloroethane	71.3	0	95.4	ug/Kg	134		20		60	149	20
Methylcyclohexane	71.3	0	59.2	ug/Kg	83		22	*	19	135	20
Benzene	71.3	0	90.5	ug/Kg	127		19		59	140	20
1,2-Dichloroethane	71.3	0	97.1	ug/Kg	136		13		63	153	20
Trichloroethene	71.3	0	84.7	ug/Kg	119		26	*	45	154	20
1,2-Dichloropropane	71.3	0	92.5	ug/Kg	130		19		67	141	20
Bromodichloromethane	71.3	0	91.7	ug/Kg	129		22	*	54	160	20
4-Methyl-2-Pentanone	360	0	510	ug/Kg	142		0		54	164	20
Toluene	71.3	0	84.5	ug/Kg	119		33	*	61	134	20
t-1,3-Dichloropropene	71.3	0	87.8	ug/Kg	123		26	*	47	155	20
cis-1,3-Dichloropropene	71.3	0	87.6	ug/Kg	123		29	*	56	141	20
1,1,2-Trichloroethane	71.3	0	92.4	ug/Kg	130		18		69	148	20
2-Hexanone	360	0	490	ug/Kg	136		1		43	164	20
Dibromochloromethane	71.3	0	87.6	ug/Kg	123		31	*	65	143	20
1,2-Dibromoethane	71.3	0	89.2	ug/Kg	125		19		63	144	20
Tetrachloroethene	71.3	0	88.0	ug/Kg	123		7		27	175	20
Chlorobenzene	71.3	0	83.7	ug/Kg	117		14		66	127	20
Ethyl Benzene	71.3	0	88.6	ug/Kg	124		16		54	134	20
m/p-Xylenes	140	0	170	ug/Kg	121		19		51	137	20
o-Xylene	71.3	0	88.1	ug/Kg	124		22	*	57	139	20
Styrene	71.3	0	82.6	ug/Kg	116		27	*	47	136	20
Bromoform	71.3	0	91.9	ug/Kg	129		2		64	144	20
Isopropylbenzene	71.3	0	120	ug/Kg	168	*	3		44	160	20
1,1,2,2-Tetrachloroethane	71.3	0	160	ug/Kg	224	*	22	*	18	175	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3178 **Analytical Method:** SW8260D

Client: Weston Solutions, Inc. **Datafile :** VW032272.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,3-Dichlorobenzene	71.3	0	86.3	ug/Kg	121		12		55	131	20
1,4-Dichlorobenzene	71.3	0	84.8	ug/Kg	119		16		57	129	20
1,2-Dichlorobenzene	71.3	0	86.1	ug/Kg	121		17		54	140	20
1,2-Dibromo-3-Chloropropane	71.3	0	140	ug/Kg	196	*	20		46	175	20
1,2,4-Trichlorobenzene	71.3	0	38.7	ug/Kg	54		23	*	12	127	20
1,2,3-Trichlorobenzene	71.3	0	35.8	ug/Kg	50		20		10	160	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3178 **Analytical Method:** SW8260D

Client: Weston Solutions, Inc. **Datafile :** VW032243.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0924SBS01	Dichlorodifluoromethane	20	20.7	ug/Kg	104			64	136	
	Chloromethane	20	19.6	ug/Kg	98			52	151	
	Vinyl chloride	20	20.8	ug/Kg	104			56	148	
	Bromomethane	20	20.4	ug/Kg	102			58	141	
	Chloroethane	20	20.1	ug/Kg	101			69	130	
	Trichlorofluoromethane	20	16.7	ug/Kg	84			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/Kg	102			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	110	ug/Kg	110			40	171	
	Carbon disulfide	20	18.5	ug/Kg	93			59	130	
	Methyl tert-butyl Ether	20	19.2	ug/Kg	96			77	129	
	Methyl Acetate	20	20.5	ug/Kg	103			69	149	
	Methylene Chloride	20	20.0	ug/Kg	100			72	131	
	trans-1,2-Dichloroethene	20	20.5	ug/Kg	103			80	123	
	1,1-Dichloroethane	20	20.3	ug/Kg	102			82	123	
	Cyclohexane	20	18.8	ug/Kg	94			76	122	
	2-Butanone	100	96.4	ug/Kg	96			69	131	
	Carbon Tetrachloride	20	19.7	ug/Kg	99			76	129	
	cis-1,2-Dichloroethene	20	20.0	ug/Kg	100			82	123	
	Bromochloromethane	20	20.9	ug/Kg	104			80	127	
	Chloroform	20	20.5	ug/Kg	103			82	125	
	1,1,1-Trichloroethane	20	20.3	ug/Kg	102			80	126	
	Methylcyclohexane	20	18.5	ug/Kg	93			77	123	
	Benzene	20	20.4	ug/Kg	102			84	121	
	1,2-Dichloroethane	20	20.7	ug/Kg	104			81	126	
	Trichloroethene	20	20.0	ug/Kg	100			83	122	
	1,2-Dichloropropane	20	20.5	ug/Kg	103			83	122	
	Bromodichloromethane	20	20.2	ug/Kg	101			82	123	
	4-Methyl-2-Pentanone	100	95.9	ug/Kg	96			70	135	
	Toluene	20	20.5	ug/Kg	103			83	122	
	t-1,3-Dichloropropene	20	19.2	ug/Kg	96			78	124	
	cis-1,3-Dichloropropene	20	19.8	ug/Kg	99			81	122	
	1,1,2-Trichloroethane	20	20.5	ug/Kg	103			82	125	
	2-Hexanone	100	95.7	ug/Kg	96			66	138	
	Dibromochloromethane	20	19.6	ug/Kg	98			79	125	
	1,2-Dibromoethane	20	19.8	ug/Kg	99			80	125	
	Tetrachloroethene	20	20.7	ug/Kg	104			83	125	
	Chlorobenzene	20	19.8	ug/Kg	99			84	122	
	Ethyl Benzene	20	19.7	ug/Kg	99			82	124	
	m/p-Xylenes	40	40.9	ug/Kg	102			83	124	
	o-Xylene	20	19.9	ug/Kg	100			83	123	
	Styrene	20	20.3	ug/Kg	102			82	124	
	Bromoform	20	20.1	ug/Kg	101			75	127	
	Isopropylbenzene	20	18.2	ug/Kg	91			82	124	
	1,1,2,2-Tetrachloroethane	20	19.2	ug/Kg	96			77	127	
	1,3-Dichlorobenzene	20	19.6	ug/Kg	98			83	122	
	1,4-Dichlorobenzene	20	19.7	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	20.1	ug/Kg	101			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3178**	**Analytical Method:**	**SW8260D**
Client:	**Weston Solutions, Inc.**	**Datafile :**	VW032243.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0924SBS01	1,2-Dibromo-3-Chloropropane	20	17.9	ug/Kg	90			66	134	
	1,2,4-Trichlorobenzene	20	18.7	ug/Kg	94			78	127	
	1,2,3-Trichlorobenzene	20	18.3	ug/Kg	92			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3178 **Analytical Method:** SW8260D

Client: Weston Solutions, Inc. **Datafile :** VW032269.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0926SBS01	Dichlorodifluoromethane	20	21.2	ug/Kg	106			64	136	
	Chloromethane	20	20.2	ug/Kg	101			52	151	
	Vinyl chloride	20	22.8	ug/Kg	114			56	148	
	Bromomethane	20	23.1	ug/Kg	116			58	141	
	Chloroethane	20	21.5	ug/Kg	108			69	130	
	Trichlorofluoromethane	20	18.7	ug/Kg	94			69	134	
	1,1,2-Trichlorotrifluoroethane	20	21.7	ug/Kg	109			81	123	
	1,1-Dichloroethene	20	22.1	ug/Kg	111			79	121	
	Acetone	100	120	ug/Kg	120			40	171	
	Carbon disulfide	20	22.3	ug/Kg	112			59	130	
	Methyl tert-butyl Ether	20	20.5	ug/Kg	103			77	129	
	Methyl Acetate	20	16.1	ug/Kg	81			69	149	
	Methylene Chloride	20	21.3	ug/Kg	106			72	131	
	trans-1,2-Dichloroethene	20	21.2	ug/Kg	106			80	123	
	1,1-Dichloroethane	20	20.9	ug/Kg	104			82	123	
	Cyclohexane	20	21.3	ug/Kg	106			76	122	
	2-Butanone	100	100	ug/Kg	100			69	131	
	Carbon Tetrachloride	20	20.9	ug/Kg	104			76	129	
	cis-1,2-Dichloroethene	20	20.3	ug/Kg	102			82	123	
	Bromochloromethane	20	20.2	ug/Kg	101			80	127	
	Chloroform	20	20.8	ug/Kg	104			82	125	
	1,1,1-Trichloroethane	20	21.1	ug/Kg	106			80	126	
	Methylcyclohexane	20	20.3	ug/Kg	102			77	123	
	Benzene	20	21.0	ug/Kg	105			84	121	
	1,2-Dichloroethane	20	20.1	ug/Kg	101			81	126	
	Trichloroethene	20	20.9	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.4	ug/Kg	102			83	122	
	Bromodichloromethane	20	20.1	ug/Kg	101			82	123	
	4-Methyl-2-Pentanone	100	91.9	ug/Kg	92			70	135	
	Toluene	20	20.8	ug/Kg	104			83	122	
	t-1,3-Dichloropropene	20	20.1	ug/Kg	101			78	124	
	cis-1,3-Dichloropropene	20	20.4	ug/Kg	102			81	122	
	1,1,2-Trichloroethane	20	19.3	ug/Kg	97			82	125	
	2-Hexanone	100	96.1	ug/Kg	96			66	138	
	Dibromochloromethane	20	20.0	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	19.7	ug/Kg	99			80	125	
	Tetrachloroethene	20	21.4	ug/Kg	107			83	125	
	Chlorobenzene	20	21.7	ug/Kg	109			84	122	
	Ethyl Benzene	20	21.7	ug/Kg	109			82	124	
	m/p-Xylenes	40	44.2	ug/Kg	111			83	124	
	o-Xylene	20	21.6	ug/Kg	108			83	123	
	Styrene	20	22.2	ug/Kg	111			82	124	
	Bromoform	20	19.7	ug/Kg	99			75	127	
	Isopropylbenzene	20	20.6	ug/Kg	103			82	124	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/Kg	94			77	127	
	1,3-Dichlorobenzene	20	21.6	ug/Kg	108			83	122	
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103			84	121	
	1,2-Dichlorobenzene	20	20.9	ug/Kg	104			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	**Q3178**	**Analytical Method:**	**SW8260D**
Client:	**Weston Solutions, Inc.**	**Datafile :**	VW032269.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0926SBS01	1,2-Dibromo-3-Chloropropane	20	18.0	ug/Kg	90			66	134	
	1,2,4-Trichlorobenzene	20	19.8	ug/Kg	99			78	127	
	1,2,3-Trichlorobenzene	20	19.1	ug/Kg	96			70	137	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0924SBL01

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3178

Lab File ID: VW032242.D | Lab Sample ID: VW0924SBL01

Date Analyzed: 09/24/2025 | Time Analyzed: 14:37

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

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0924SBS01	VW0924SBS01	VW032243.D	09/24/2025
EME-TS14-01	Q3178-01	VW032248.D	09/24/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0926SBL01

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3178

Lab File ID: VW032268.D | Lab Sample ID: VW0926SBL01

Date Analyzed: 09/26/2025 | Time Analyzed: 09:41

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

Instrument ID: MSVOA_W

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0926SBS01	VW0926SBS01	VW032269.D	09/26/2025
EME-TS14-01MS	Q3178-02MS	VW032271.D	09/26/2025
EME-TS14-01MSD	Q3178-03MSD	VW032272.D	09/26/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3178

Lab File ID: VW032136.D | BFB Injection Date: 08/26/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:38

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	20.3
75	30.0 - 60.0% of mass 95	55.5
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	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	76.2
175	5.0 - 9.0% of mass 174	5.9 (7.7) 1
176	95.0 - 101.0% of mass 174	73.7 (96.7) 1
177	5.0 - 9.0% of mass 176	4.9 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW032137.D	08/26/2025	09:39
VSTDICC010	VSTDICC010	VW032138.D	08/26/2025	10:23
VSTDICC020	VSTDICC020	VW032139.D	08/26/2025	10:45
VSTDICC100	VSTDICC100	VW032141.D	08/26/2025	11:29
VSTDICC150	VSTDICC150	VW032142.D	08/26/2025	11:51
VSTDICCC050	VSTDICCC050	VW032144.D	08/26/2025	12:34

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3178

Lab File ID: VW032240.D | BFB Injection Date: 09/24/2025

Instrument ID: MSVOA_W | BFB Injection Time: 12:29

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	20.5
75	30.0 - 60.0% of mass 95	52.6
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	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	75.9
175	5.0 - 9.0% of mass 174	5.6 (7.3) 1
176	95.0 - 101.0% of mass 174	73.7 (97.2) 1
177	5.0 - 9.0% of mass 176	4.6 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032241.D	09/24/2025	12:59
VW0924SBL01	VW0924SBL01	VW032242.D	09/24/2025	14:37
VW0924SBS01	VW0924SBS01	VW032243.D	09/24/2025	15:03
EME-TS14-01	Q3178-01	VW032248.D	09/24/2025	16:52

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3178

Lab File ID: VW032257.D | BFB Injection Date: 09/25/2025

Instrument ID: MSVOA_W | BFB Injection Time: 10:01

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	19
75	30.0 - 60.0% of mass 95	51
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	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.7
175	5.0 - 9.0% of mass 174	4.9 (7.4) 1
176	95.0 - 101.0% of mass 174	64.4 (96.6) 1
177	5.0 - 9.0% of mass 176	4 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW032258.D	09/25/2025	10:45
VSTDICC010	VSTDICC010	VW032259.D	09/25/2025	11:30
VSTDICC020	VSTDICC020	VW032260.D	09/25/2025	11:52
VSTDICCC050	VSTDICCC050	VW032261.D	09/25/2025	12:24
VSTDICC100	VSTDICC100	VW032262.D	09/25/2025	12:46
VSTDICC150	VSTDICC150	VW032263.D	09/25/2025	13:08

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: ROYF02
Lab Code: ACE
SDG NO.: Q3178
Lab File ID: VW032266.D
BFB Injection Date: 09/26/2025
Instrument ID: MSVOA_W
BFB Injection Time: 08:13
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	19
75	30.0 - 60.0% of mass 95	50.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	64.6
175	5.0 - 9.0% of mass 174	5.3 (8.2) 1
176	95.0 - 101.0% of mass 174	63.2 (97.8) 1
177	5.0 - 9.0% of mass 176	4.3 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032267.D	09/26/2025	08:43
VW0926SBL01	VW0926SBL01	VW032268.D	09/26/2025	09:41
VW0926SBS01	VW0926SBS01	VW032269.D	09/26/2025	10:08
EME-TS14-01MS	Q3178-02MS	VW032271.D	09/26/2025	11:49
EME-TS14-01MSD	Q3178-03MSD	VW032272.D	09/26/2025	12:11

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3178

Lab File ID: VW032241.D Date Analyzed: 09/24/2025

Instrument ID: MSVOA_W Time Analyzed: 12:59

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	159364	7.97	285121	8.85	263383	11.63
UPPER LIMIT	318728	8.465	570242	9.349	526766	12.129
LOWER LIMIT	79682	7.465	142561	8.349	131692	11.129
EPA SAMPLE NO.						
EME-TS14-01	146358	7.97	286861	8.86	284291	11.63
VW0924SBL01	147112	7.96	291148	8.86	291337	11.64
VW0924SBS01	188130	7.96	324992	8.86	301220	11.64

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3178

Lab File ID: VW032241.D Date Analyzed: 09/24/2025

Instrument ID: MSVOA_W Time Analyzed: 12:59

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

	IS4 AREA #	RT #				
12 HOUR STD	147797	13.556				
UPPER LIMIT	295594	14.056				
LOWER LIMIT	73898.5	13.056				
EPA SAMPLE NO.						
EME-TS14-01	137171	13.56				
VW0924SBL01	144992	13.56				
VW0924SBS01	167865	13.56				

IS4 = 1,4-Dichlorobenzene-d4

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3178

Lab File ID: VW032267.D Date Analyzed: 09/26/2025

Instrument ID: MSVOA_W Time Analyzed: 08:43

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	273367	7.97	482464	8.85	450604		11.63
UPPER LIMIT	546734	8.465	964928	9.349	901208		12.129
LOWER LIMIT	136684	7.465	241232	8.349	225302		11.129
EPA SAMPLE NO.							
EME-TS14-01MS	141001	7.96	266280	8.85	156298	*	11.63
EME-TS14-01MSD	143487	7.96	267581	8.85	203835	*	11.64
VW0926SBL01	193650	7.96	436371	8.85	462353		11.63
VW0926SBS01	258288	7.96	477257	8.85	426681		11.63

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3178

Lab File ID: VW032267.D Date Analyzed: 09/26/2025

Instrument ID: MSVOA_W Time Analyzed: 08:43

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

	IS4 AREA #		RT #				
12 HOUR STD	228628		13.555				
UPPER LIMIT	457256		14.055				
LOWER LIMIT	114314		13.055				
EPA SAMPLE NO.							
EME-TS14-01MS	38842	*	13.56				
EME-TS14-01MSD	62768	*	13.56				
VW0926SBL01	216659		13.56				
VW0926SBS01	223480		13.56				

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:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01	SDG No.:	Q3178
Lab Sample ID:	Q3178-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.57 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032248.D	1	09/24/25 16:52	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.70	U	1.70	7.70	ug/Kg
74-87-3	Chloromethane	1.70	U	1.70	7.70	ug/Kg
75-01-4	Vinyl Chloride	1.20	U	1.20	7.70	ug/Kg
74-83-9	Bromomethane	1.60	U	1.60	7.70	ug/Kg
75-00-3	Chloroethane	1.90	U	1.90	7.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.90	U	1.90	7.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	U	1.60	7.70	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	7.70	ug/Kg
67-64-1	Acetone	7.30	U	7.30	38.3	ug/Kg
75-15-0	Carbon Disulfide	1.60	U	1.60	7.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.10	U	1.10	7.70	ug/Kg
79-20-9	Methyl Acetate	2.40	U	2.40	7.70	ug/Kg
75-09-2	Methylene Chloride	5.40	U	5.40	15.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.30	U	1.30	7.70	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	7.70	ug/Kg
110-82-7	Cyclohexane	1.20	U	1.20	7.70	ug/Kg
78-93-3	2-Butanone	10.0	U	10.0	38.3	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	1.50	7.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.70	ug/Kg
74-97-5	Bromochloromethane	1.80	U	1.80	7.70	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	7.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.40	U	1.40	7.70	ug/Kg
108-87-2	Methylcyclohexane	1.40	U	1.40	7.70	ug/Kg
71-43-2	Benzene	1.20	U	1.20	7.70	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	7.70	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.70	ug/Kg
78-87-5	1,2-Dichloropropane	1.40	U	1.40	7.70	ug/Kg
75-27-4	Bromodichloromethane	1.20	U	1.20	7.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.50	U	5.50	38.3	ug/Kg
108-88-3	Toluene	1.20	U	1.20	7.70	ug/Kg

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01	SDG No.:	Q3178
Lab Sample ID:	Q3178-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.57 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032248.D	1	09/24/25 16:52	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.00	U	1.00	7.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.95	U	0.95	7.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.40	U	1.40	7.70	ug/Kg
591-78-6	2-Hexanone	5.70	U	5.70	38.3	ug/Kg
124-48-1	Dibromochloromethane	1.30	U	1.30	7.70	ug/Kg
106-93-4	1,2-Dibromoethane	1.30	U	1.30	7.70	ug/Kg
127-18-4	Tetrachloroethene	1.60	U	1.60	7.70	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	7.70	ug/Kg
100-41-4	Ethyl Benzene	1.00	U	1.00	7.70	ug/Kg
179601-23-1	m/p-Xylenes	1.90	U	1.90	15.3	ug/Kg
95-47-6	o-Xylene	1.30	U	1.30	7.70	ug/Kg
100-42-5	Styrene	1.10	U	1.10	7.70	ug/Kg
75-25-2	Bromoform	1.30	U	1.30	7.70	ug/Kg
98-82-8	Isopropylbenzene	1.20	U	1.20	7.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	1.90	7.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.60	U	2.60	7.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.40	U	2.40	7.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.20	U	2.20	7.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	2.80	7.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.60	U	4.60	7.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.90	U	4.90	7.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	64.8		63 - 155	130%	SPK: 50
1868-53-7	Dibromofluoromethane	57.6		70 - 134	115%	SPK: 50
2037-26-5	Toluene-d8	53.8		74 - 123	108%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.5		17 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	146000	7.965			
540-36-3	1,4-Difluorobenzene	287000	8.855			
3114-55-4	Chlorobenzene-d5	284000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.556			

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01	SDG No.:	Q3178
Lab Sample ID:	Q3178-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.57 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032248.D	1	09/24/25 16:52	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_W\Data\VW092425\
Data File : VW032248.D
Acq On : 24 Sep 2025 16:52
Operator : SY/MD
Sample : Q3178-01
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Quant Time: Sep 25 08:15:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

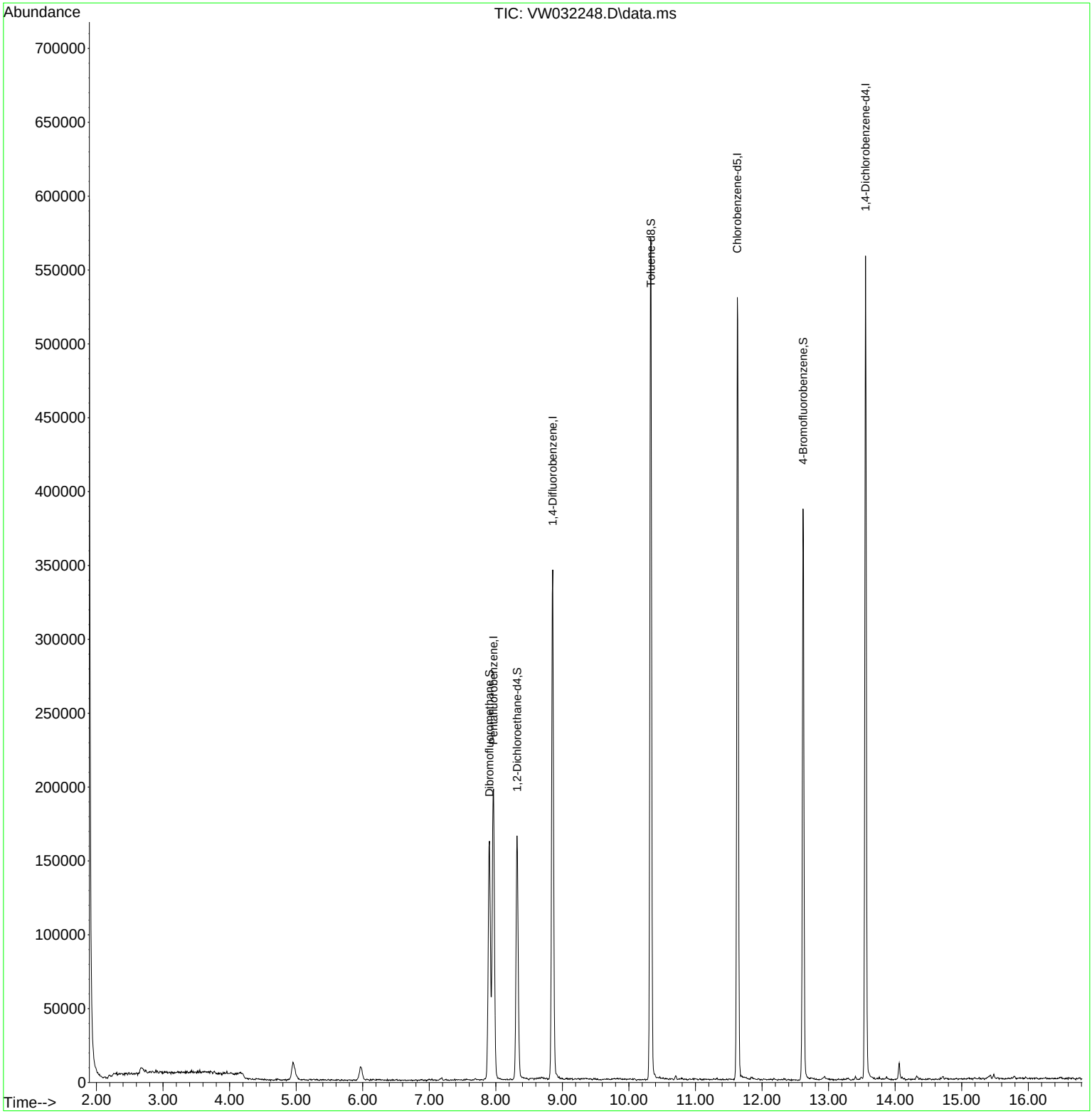
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	146358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	286861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	284291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	137171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	135734	64.848	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 129.700%			
35) Dibromofluoromethane	7.904	113	115864	57.569	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 115.140%			
50) Toluene-d8	10.331	98	379852	53.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.520%			
62) 4-Bromofluorobenzene	12.617	95	126755	48.517	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 97.040%			
Target Compounds						Qvalue

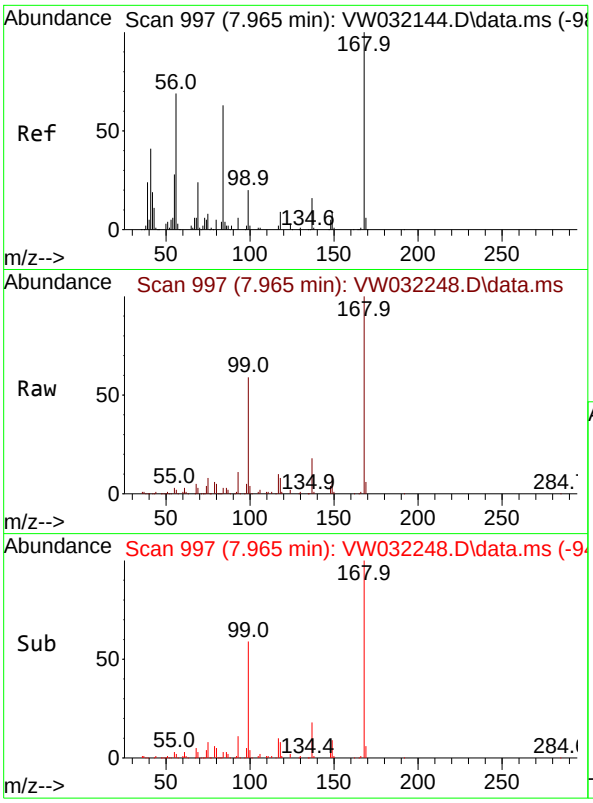
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032248.D
Acq On : 24 Sep 2025 16:52
Operator : SY/MD
Sample : Q3178-01
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Quant Time: Sep 25 08:15:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



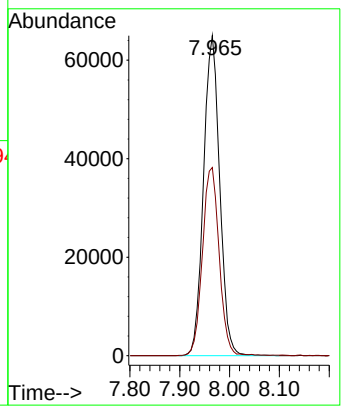


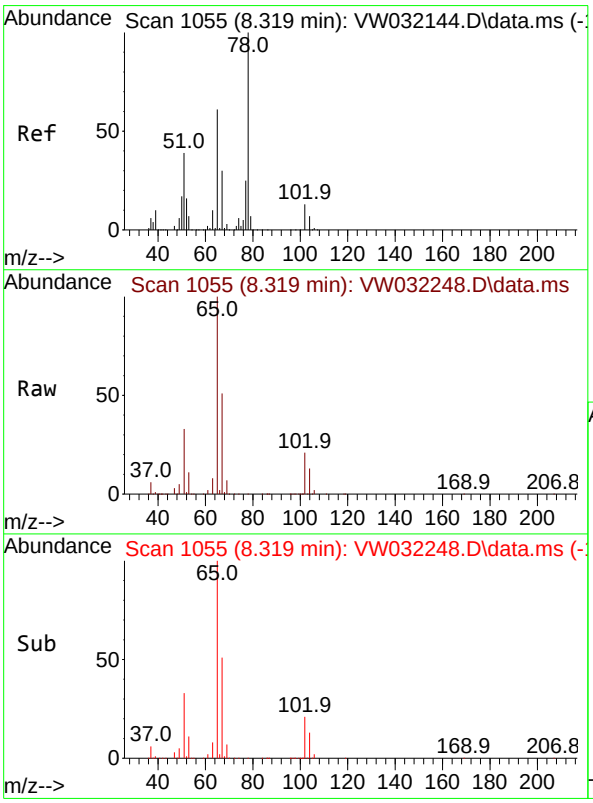
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032248.D
Acq: 24 Sep 2025 16:52

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Tgt Ion:168 Resp: 146358

Ion	Ratio	Lower	Upper
168	100		
99	58.7	49.3	73.9

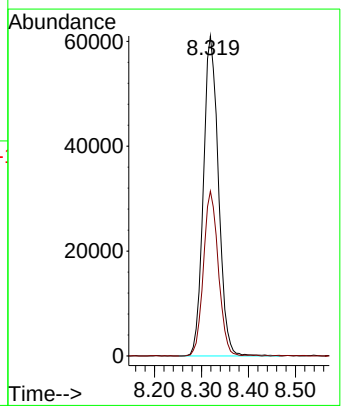


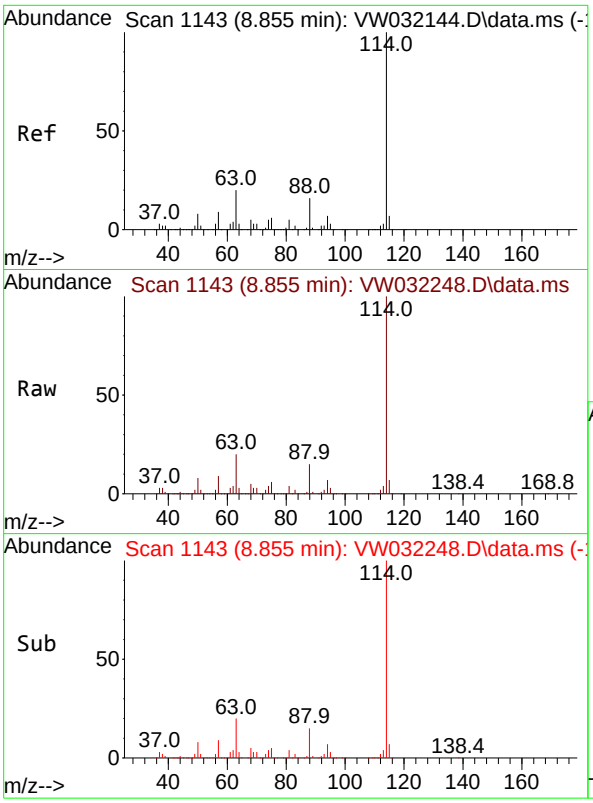


#33
1,2-Dichloroethane-d4
Concen: 64.848 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032248.D
Acq: 24 Sep 2025 16:52

Tgt Ion: 65 Resp: 135734

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	99.6



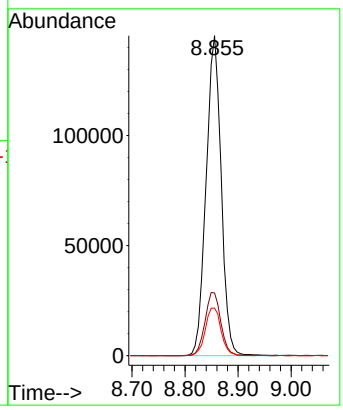


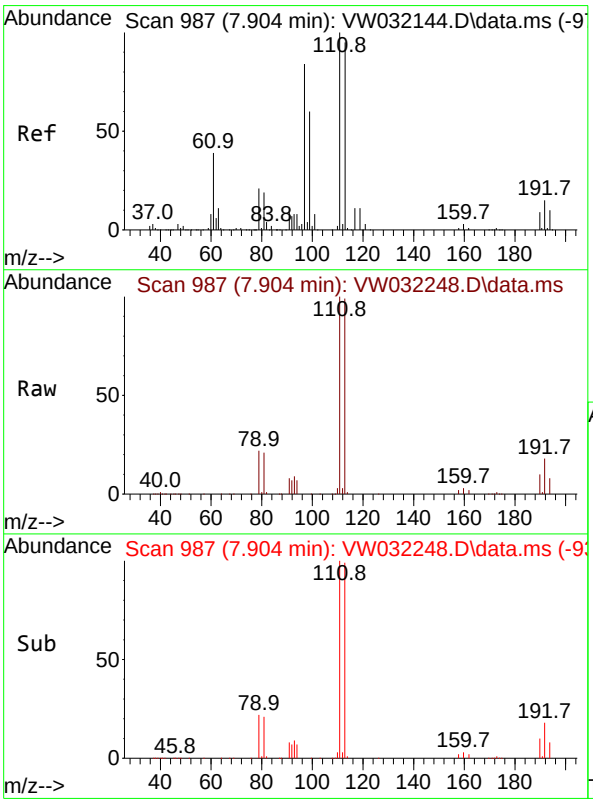
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032248.D
Acq: 24 Sep 2025 16:52

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Tgt Ion:114 Resp: 286861

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.4
88	14.9	0.0	32.0

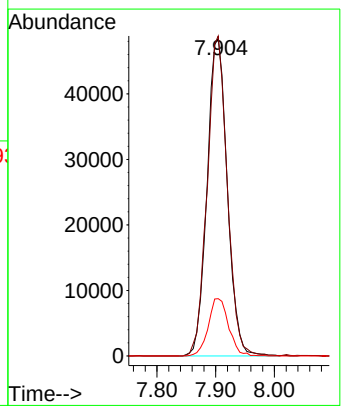


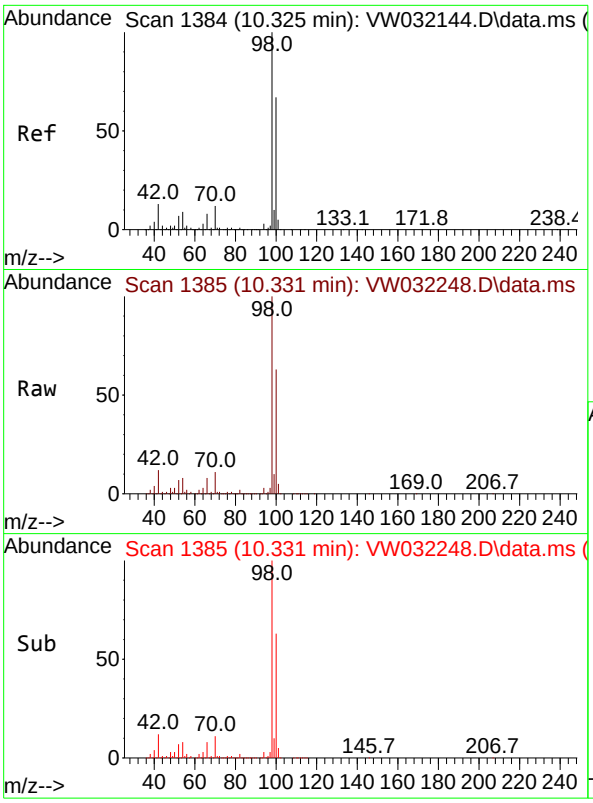


#35
Dibromofluoromethane
Concen: 57.569 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032248.D
Acq: 24 Sep 2025 16:52

Tgt Ion:113 Resp: 115864

Ion	Ratio	Lower	Upper
113	100		
111	99.9	83.9	125.9
192	18.2	14.6	21.8



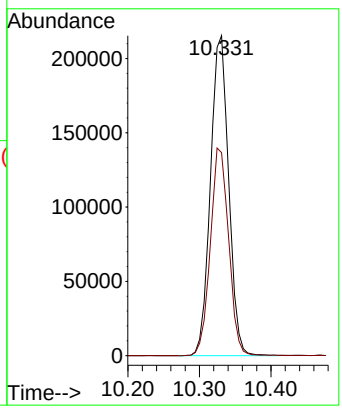


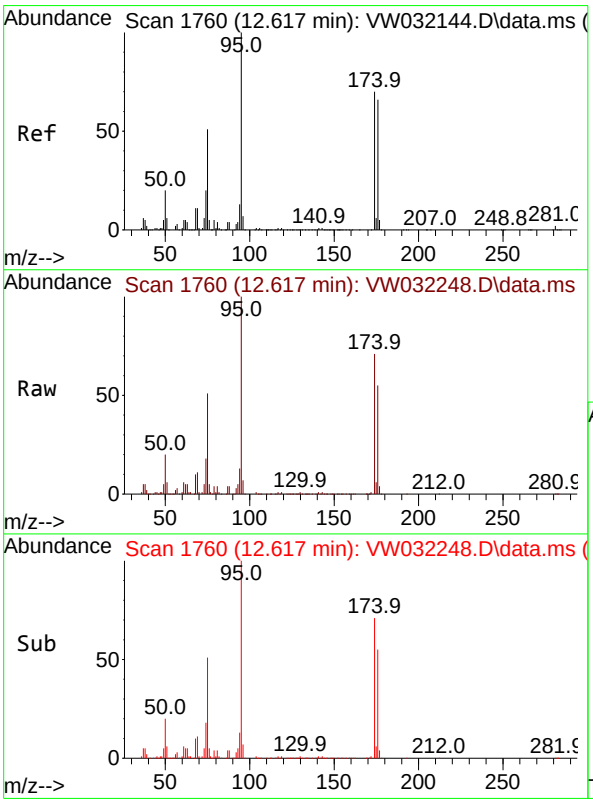
#50
Toluene-d8
Concen: 53.764 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032248.D
Acq: 24 Sep 2025 16:52

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Tgt Ion: 98 Resp: 379852

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.2

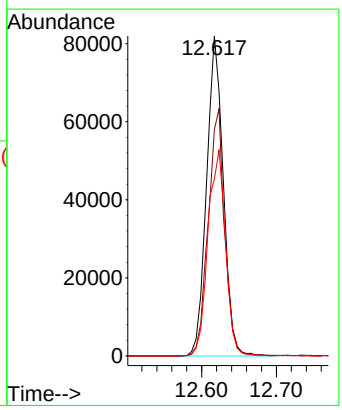


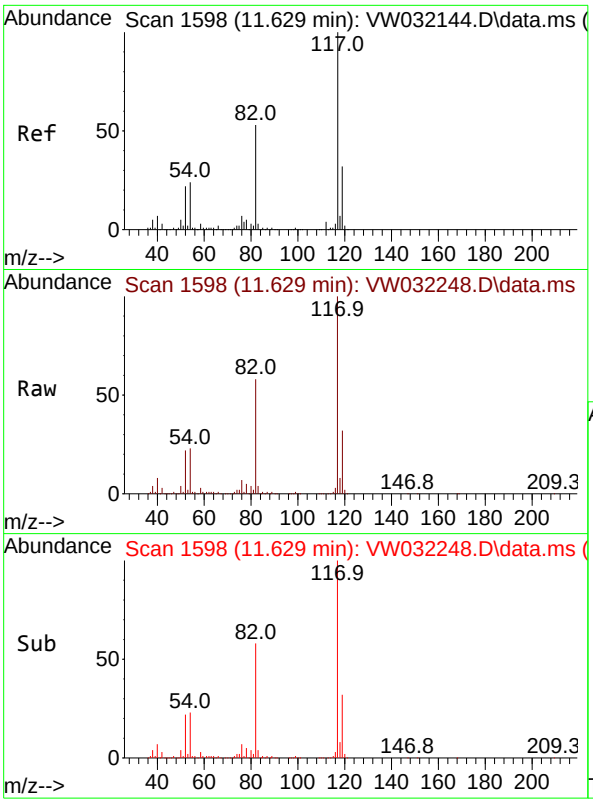


#62
4-Bromofluorobenzene
Concen: 48.517 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032248.D
Acq: 24 Sep 2025 16:52

Tgt Ion: 95 Resp: 126755

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	145.6
176	68.0	0.0	140.8



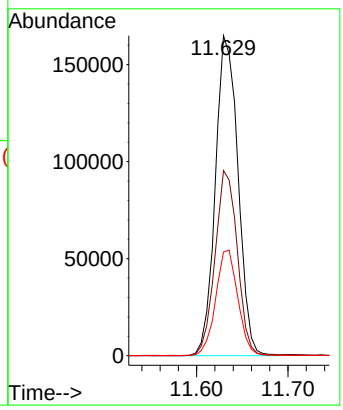


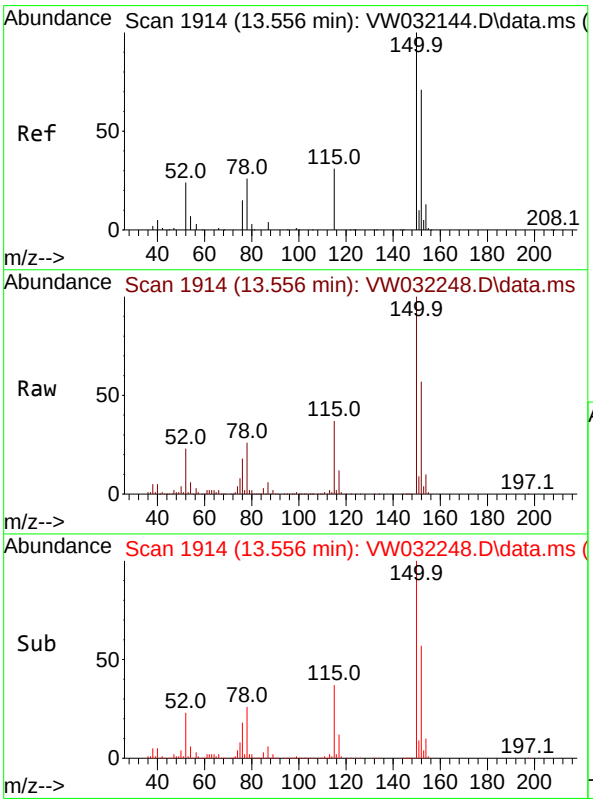
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032248.D
Acq: 24 Sep 2025 16:52

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Tgt Ion:117 Resp: 284291

Ion	Ratio	Lower	Upper
117	100		
82	57.9	42.7	64.1
119	32.3	25.2	37.8

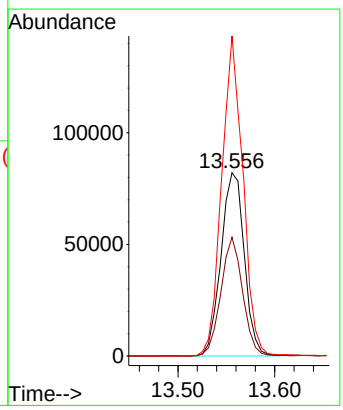




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032248.D
Acq: 24 Sep 2025 16:52

Tgt Ion:152 Resp: 137171

Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.8	95.4
150	159.5	0.0	343.0



Sample Results: **VW032248.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032248.D
Acq On : 24 Sep 2025 16:52
Operator : SY/MD
Sample : Q3178-01
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260

Signal : TIC: VW032248.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	494	503	516	rBV3	11711	41617	4.02%	0.758%
2	5.966	659	669	682	rBV6	9246	31040	3.00%	0.566%
3	7.904	977	987	992	rBV	160960	395675	38.20%	7.211%
4	7.965	992	997	1007	rVB	195983	441123	42.59%	8.039%
5	8.319	1044	1055	1065	rBV	165224	373798	36.09%	6.812%
6	8.855	1134	1143	1158	rBV	344682	699789	67.57%	12.753%
7	10.325	1376	1384	1394	rBV	569798	1035721	100.00%	18.876%
8	11.629	1590	1598	1606	rBV	529780	915063	88.35%	16.677%
9	12.617	1751	1760	1775	rBV2	386747	647733	62.54%	11.805%
10	13.556	1907	1914	1930	rBV	556868	887031	85.64%	16.166%
11	14.062	1988	1997	2002	rBV	11213	18518	1.79%	0.337%

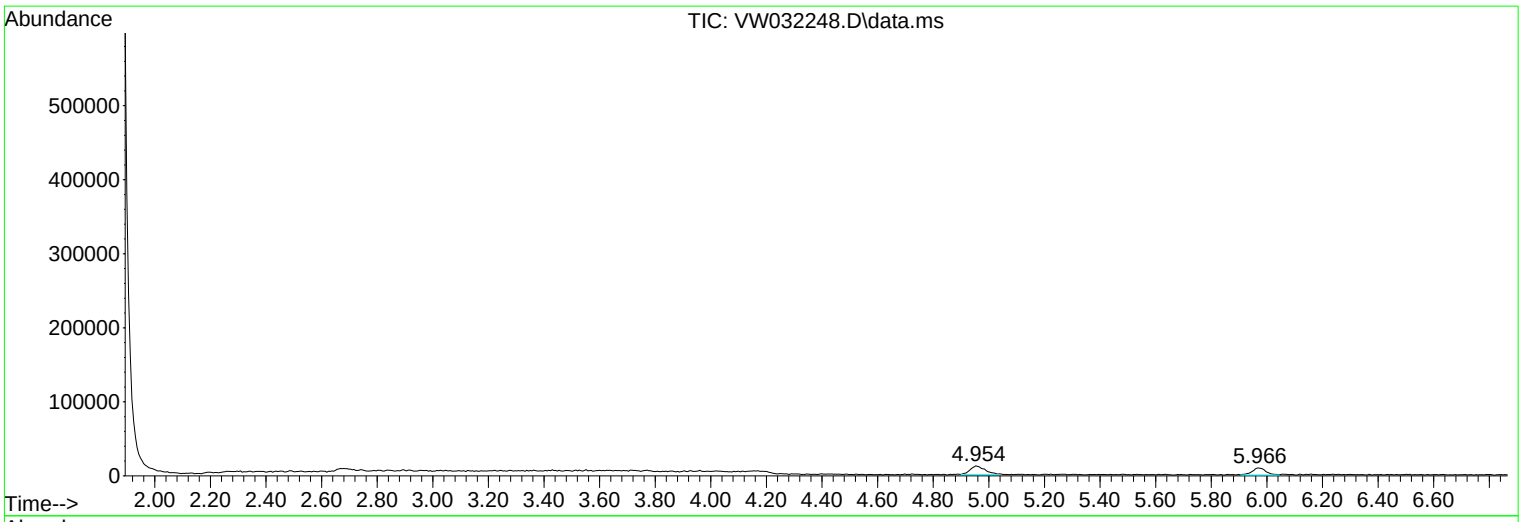
Sum of corrected areas: 5487108

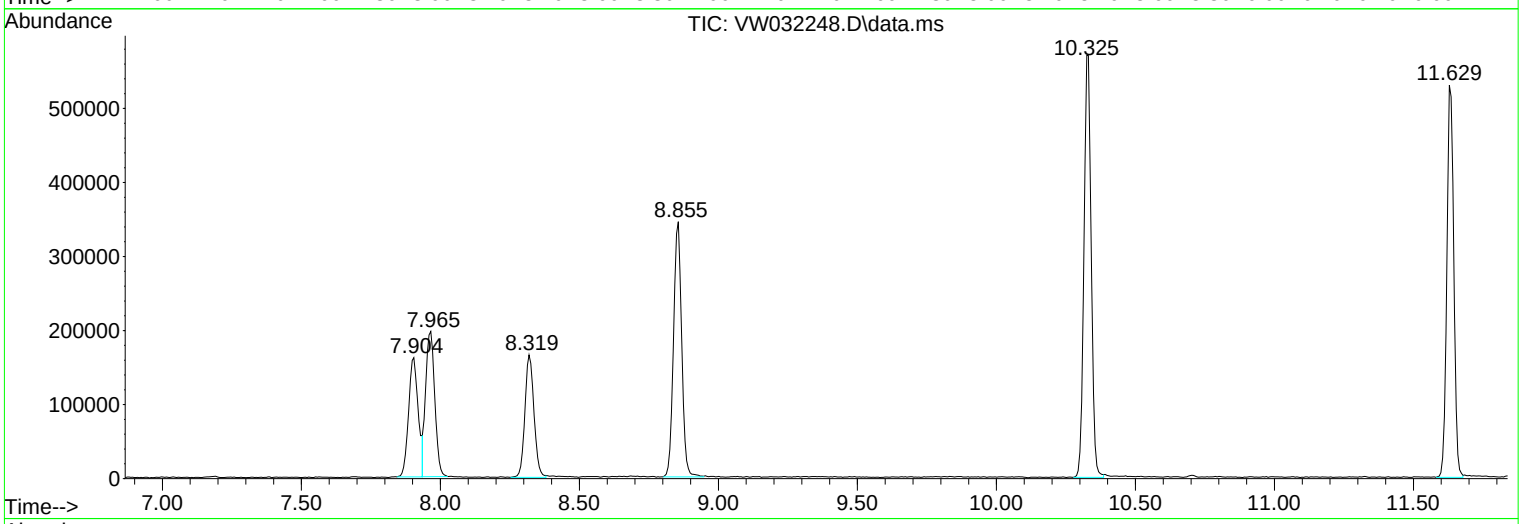
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032248.D
Acq On : 24 Sep 2025 16:52
Operator : SY/MD
Sample : Q3178-01
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

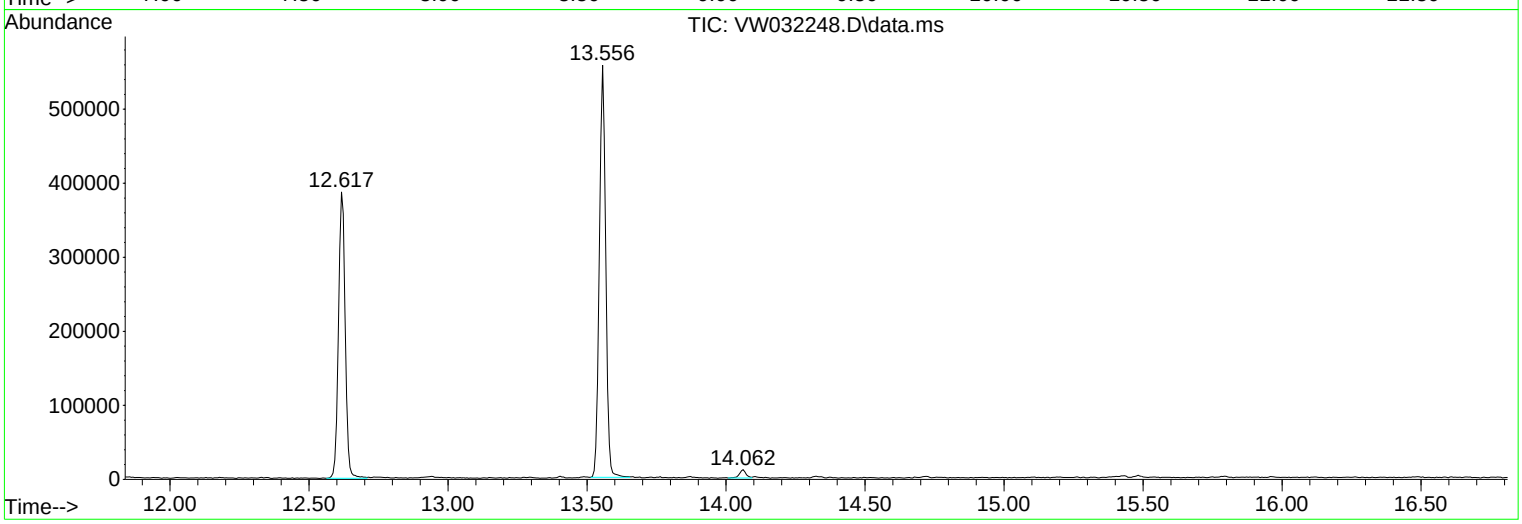
Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032248.D
Acq On : 24 Sep 2025 16:52
Operator : SY/MD
Sample : Q3178-01
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032248.D
Acq On : 24 Sep 2025 16:52
Operator : SY/MD
Sample : Q3178-01
Misc : 4.57g/5mL/MSVOA_W/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q3178

Instrument ID: MSVOA_W Calibration Date(s): 08/26/2025 08/26/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:39 12:34

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW032137.D RRF010 = VW032138.D RRF020 = VW032139.D
RRF100 = VW032141.D RRF150 = VW032142.D RRF050 = VW032144.D

COMPOUND	RRF005	RRF010	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.358	0.346	0.357	0.306	0.302	0.312	0.330	8
Chloromethane	0.398	0.347	0.341	0.320	0.330	0.340	0.346	7.9
Vinyl Chloride	0.490	0.486	0.461	0.414	0.402	0.444	0.450	8.2
Bromomethane	0.459	0.414	0.408	0.369	0.384	0.374	0.401	8.4
Chloroethane	0.322	0.335	0.324	0.298	0.304	0.317	0.317	4.3
Trichlorofluoromethane	0.383	0.446	0.455	0.451	0.457	0.481	0.445	7.4
1,1,2-Trichlorotrifluoroethane	0.558	0.514	0.514	0.465	0.454	0.505	0.502	7.5
1,1-Dichloroethene	0.582	0.515	0.547	0.498	0.493	0.536	0.528	6.4
Acetone	0.178	0.161	0.152	0.143	0.138	0.157	0.155	9.1
Carbon Disulfide	1.357	1.337	1.340	1.279	1.257	1.360	1.322	3.3
Methyl tert-butyl Ether	0.981	0.991	1.001	1.005	0.959	1.051	0.998	3.1
Methyl Acetate	0.494	0.465	0.474	0.510	0.501	0.515	0.493	4
Methylene Chloride	0.973	0.880	0.720	0.582	0.555	0.641	0.725	23.3
trans-1,2-Dichloroethene	0.597	0.595	0.604	0.576	0.559	0.609	0.590	3.2
1,1-Dichloroethane	1.118	1.083	1.083	1.026	1.005	1.102	1.070	4.2
Cyclohexane	1.048	0.930	0.852	0.796	0.779	0.862	0.878	11.3
2-Butanone	0.201	0.216	0.217	0.232	0.223	0.226	0.219	4.9
Carbon Tetrachloride	0.467	0.489	0.480	0.477	0.467	0.545	0.488	6
cis-1,2-Dichloroethene	0.734	0.721	0.722	0.705	0.689	0.739	0.718	2.6
Bromochloromethane	0.499	0.475	0.516	0.475	0.487	0.486	0.490	3.2
Chloroform	1.275	1.245	1.229	1.174	1.154	1.250	1.221	3.8
1,1,1-Trichloroethane	0.938	0.907	0.901	0.847	0.839	0.917	0.891	4.5
Methylcyclohexane	0.486	0.525	0.517	0.550	0.538	0.617	0.539	8.2
Benzene	1.381	1.421	1.411	1.363	1.334	1.525	1.406	4.7
1,2-Dichloroethane	0.492	0.494	0.476	0.471	0.466	0.524	0.487	4.4
Trichloroethene	0.350	0.359	0.352	0.343	0.343	0.374	0.354	3.3
1,2-Dichloropropane	0.338	0.344	0.337	0.323	0.322	0.370	0.339	5.2
Bromodichloromethane	0.520	0.536	0.527	0.531	0.533	0.593	0.540	4.9
4-Methyl-2-Pentanone	0.260	0.279	0.281	0.304	0.294	0.317	0.289	6.9
Toluene	0.890	0.920	0.912	0.902	0.879	1.010	0.919	5.1

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q3178

Instrument ID: MSVOA_W Calibration Date(s): 08/26/2025 08/26/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:39 12:34

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW032137.D RRF010 = VW032138.D RRF020 = VW032139.D
RRF100 = VW032141.D RRF150 = VW032142.D RRF050 = VW032144.D

COMPOUND	RRF005	RRF010	RRF020	RRF100	RRF150	RRF050	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.403	0.446	0.451	0.511	0.510	0.538	0.477	10.7
cis-1,3-Dichloropropene	0.494	0.519	0.523	0.559	0.555	0.613	0.544	7.6
1,1,2-Trichloroethane	0.306	0.314	0.311	0.305	0.298	0.322	0.309	2.7
2-Hexanone	0.173	0.189	0.191	0.218	0.212	0.223	0.201	9.8
Dibromochloromethane	0.351	0.360	0.364	0.380	0.375	0.414	0.374	6
1,2-Dibromoethane	0.283	0.309	0.294	0.302	0.303	0.333	0.304	5.5
Tetrachloroethene	0.318	0.332	0.342	0.322	0.308	0.353	0.329	5
Chlorobenzene	1.137	1.132	1.194	1.107	1.069	1.190	1.138	4.2
Ethyl Benzene	1.676	1.823	1.920	1.880	1.862	2.027	1.865	6.2
m/p-Xylenes	0.627	0.700	0.751	0.730	0.699	0.798	0.718	8
o-Xylene	0.581	0.659	0.695	0.688	0.699	0.752	0.679	8.4
Styrene	1.006	1.160	1.246	1.223	1.221	1.324	1.197	9
Bromoform	0.203	0.212	0.216	0.230	0.238	0.237	0.223	6.5
Isopropylbenzene	2.833	3.266	3.258	3.570	3.666	3.788	3.397	10.3
1,1,2,2-Tetrachloroethane	0.778	0.800	0.774	0.814	0.827	0.851	0.807	3.7
1,3-Dichlorobenzene	1.661	1.817	1.681	1.710	1.698	1.899	1.744	5.3
1,4-Dichlorobenzene	1.723	1.810	1.714	1.656	1.759	1.828	1.748	3.7
1,2-Dichlorobenzene	1.511	1.515	1.603	1.536	1.539	1.561	1.544	2.2
1,2-Dibromo-3-Chloropropane	0.133	0.128	0.139	0.154	0.156	0.146	0.143	8
1,2,4-Trichlorobenzene	0.870	0.994	0.991	0.963	1.015	1.087	0.987	7.2
1,2,3-Trichlorobenzene	0.832	0.916	0.886	0.938	0.965	0.968	0.918	5.7
1,2-Dichloroethane-d4	0.752	0.715	0.723	0.690	0.713	0.697	0.715	3.1
Dibromofluoromethane	0.367	0.350	0.347	0.335	0.346	0.360	0.351	3.2
Toluene-d8	1.173	1.215	1.235	1.191	1.253	1.322	1.231	4.3
4-Bromofluorobenzene	0.448	0.431	0.450	0.447	0.468	0.489	0.455	4.5

* 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_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W082625S.M
Title : SW846 8260
Last Update : Wed Aug 27 04:13:40 2025
Response Via : Initial Calibration

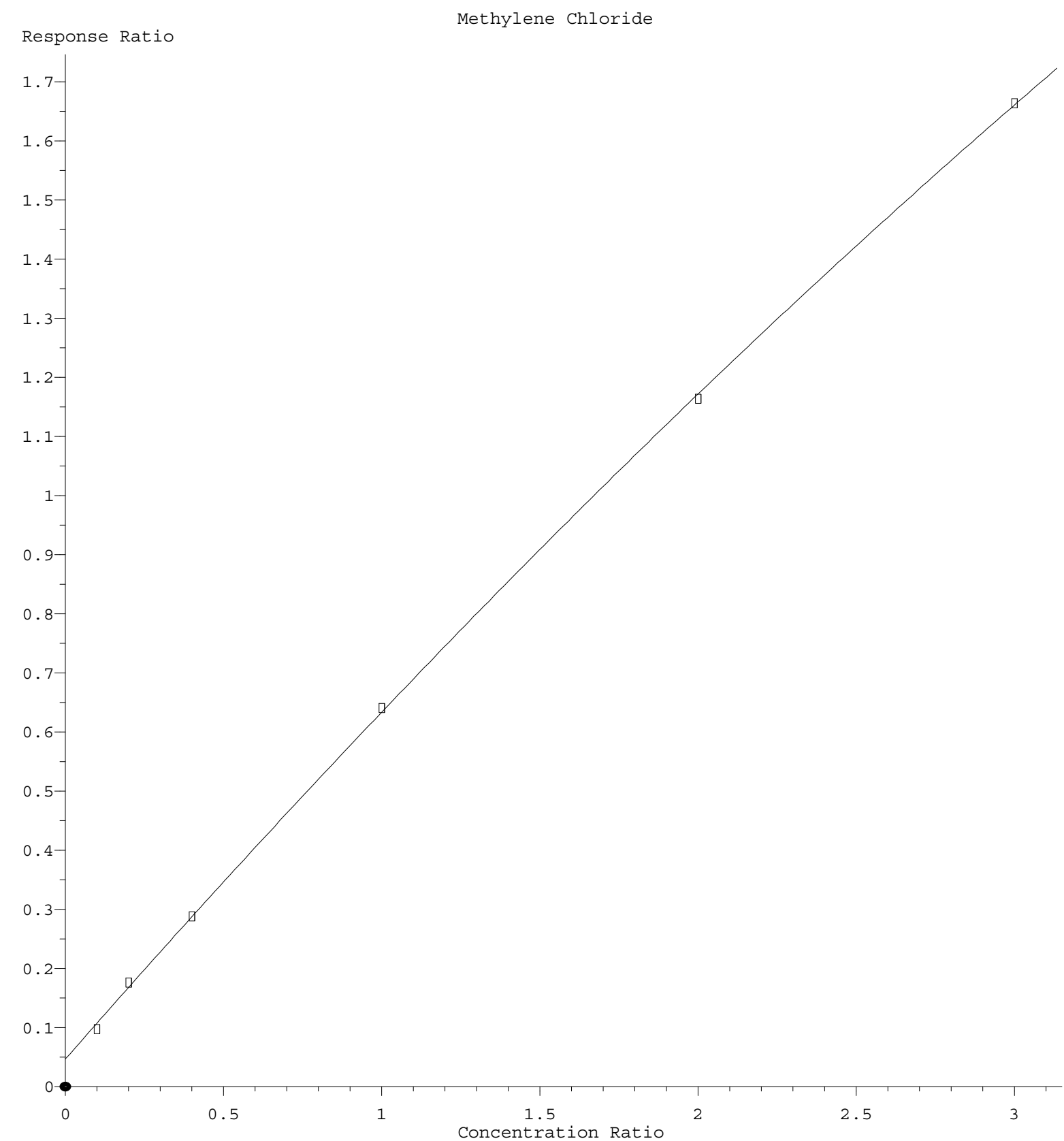
Calibration Files
5 =VW032137.D 10 =VW032138.D 20 =VW032139.D 50 =VW032144.D 100 =VW032141.D 150 =VW032142.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.358	0.346	0.357	0.312	0.306	0.302	0.330	8.02
3)	P	Chloromethane	0.398	0.347	0.341	0.340	0.320	0.330	0.346	7.86
4)	C	Vinyl Chloride	0.490	0.486	0.461	0.444	0.414	0.402	0.450	8.15#
5)	T	Bromomethane	0.459	0.414	0.408	0.374	0.369	0.384	0.401	8.39
6)	T	Chloroethane	0.322	0.335	0.324	0.317	0.298	0.304	0.317	4.34
7)	T	Trichlorofluor...	0.383	0.446	0.455	0.481	0.451	0.457	0.445	7.39
8)	T	Diethyl Ether	0.367	0.349	0.338	0.321	0.313	0.307	0.332	7.01
9)	T	1,1,2-Trichlor...	0.558	0.514	0.514	0.505	0.465	0.454	0.502	7.51
10)	T	Methyl Iodide	0.814	0.800	0.789	0.748	0.733	0.700	0.764	5.78
11)	T	Tert butyl alc...	0.046	0.042	0.040	0.044	0.045	0.044	0.044	4.58
12)	CM	1,1-Dichloroet...	0.582	0.515	0.547	0.536	0.498	0.493	0.528	6.36#
13)	T	Acrolein	0.073	0.069	0.064	0.066	0.065	0.066	0.067	4.70
14)	T	Allyl chloride	0.779	0.746	0.749	0.768	0.741	0.720	0.751	2.79
15)	T	Acrylonitrile	0.152	0.164	0.160	0.164	0.169	0.161	0.162	3.51
16)	T	Acetone	0.178	0.161	0.152	0.157	0.143	0.138	0.155	9.11
17)	T	Carbon Disulfide	1.357	1.337	1.340	1.360	1.279	1.257	1.322	3.26
18)	T	Methyl Acetate	0.494	0.465	0.474	0.515	0.510	0.501	0.493	4.04
19)	T	Methyl tert-bu...	0.981	0.991	1.001	1.051	1.005	0.959	0.998	3.07
20)	T	Methylene Chlo...	0.973	0.880	0.720	0.641	0.582	0.555	0.725	23.25
21)	T	trans-1,2-Dich...	0.597	0.595	0.604	0.609	0.576	0.559	0.590	3.19
22)	T	Diisopropyl ether	1.552	1.595	1.695	1.713	1.641	1.605	1.634	3.78
23)	T	Vinyl Acetate	0.981	1.066	1.109	1.177	1.178	1.154	1.111	6.92
24)	P	1,1-Dichloroet...	1.118	1.083	1.083	1.102	1.026	1.005	1.070	4.16
25)	T	2-Butanone	0.201	0.216	0.217	0.226	0.232	0.223	0.219	4.91
26)	T	2,2-Dichloropr...	0.560	0.561	0.557	0.608	0.563	0.551	0.566	3.67
27)	T	cis-1,2-Dichlo...	0.734	0.721	0.722	0.739	0.705	0.689	0.718	2.61
28)	T	Bromochloromet...	0.499	0.475	0.516	0.486	0.475	0.487	0.490	3.19
29)	T	Tetrahydrofuran	0.131	0.135	0.137	0.142	0.149	0.143	0.139	4.61
30)	C	Chloroform	1.275	1.245	1.229	1.250	1.174	1.154	1.221	3.85#
31)	T	Cyclohexane	1.048	0.930	0.852	0.862	0.796	0.779	0.878	11.25
32)	T	1,1,1-Trichlor...	0.938	0.907	0.901	0.917	0.847	0.839	0.891	4.46
33)	S	1,2-Dichloroet...	0.752	0.715	0.723	0.697	0.690	0.713	0.715	3.07
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.367	0.350	0.347	0.360	0.335	0.346	0.351	3.22
36)	T	1,1-Dichloropr...	0.447	0.460	0.439	0.507	0.443	0.433	0.455	5.99
37)	T	Ethyl Acetate	0.259	0.263	0.257	0.296	0.284	0.278	0.273	5.64
38)	T	Carbon Tetrach...	0.467	0.489	0.480	0.545	0.477	0.467	0.488	6.02
39)	T	Methylcyclohexane	0.486	0.525	0.517	0.617	0.550	0.538	0.539	8.16
40)	TM	Benzene	1.381	1.421	1.411	1.525	1.362	1.334	1.406	4.74
41)	T	Methacrylonitrile	0.152	0.149	0.140	0.158	0.156	0.155	0.152	4.37
42)	TM	1,2-Dichloroet...	0.492	0.494	0.476	0.524	0.471	0.466	0.487	4.38
43)	T	Isopropyl Acetate	0.470	0.488	0.476	0.564	0.538	0.535	0.512	7.63
44)	TM	Trichloroethene	0.350	0.359	0.352	0.374	0.343	0.343	0.354	3.31
45)	C	1,2-Dichloropr...	0.338	0.344	0.337	0.370	0.323	0.322	0.339	5.18#
46)	T	Dibromomethane	0.236	0.247	0.238	0.249	0.232	0.223	0.238	4.07
47)	T	Bromodichlorom...	0.520	0.536	0.527	0.593	0.531	0.533	0.540	4.92
48)	T	Methyl methacr...	0.190	0.213	0.228	0.271	0.257	0.256	0.236	13.06
49)	T	1,4-Dioxane	0.003	0.002	0.003	0.003	0.003	0.003	0.003	11.43
50)	S	Toluene-d8	1.173	1.215	1.235	1.322	1.191	1.253	1.231	4.28
51)	T	4-Methyl-2-Pen...	0.260	0.279	0.281	0.317	0.304	0.294	0.289	6.93
52)	CM	Toluene	0.890	0.920	0.912	1.010	0.902	0.879	0.919	5.13#
53)	T	t-1,3-Dichloro...	0.403	0.446	0.451	0.538	0.511	0.510	0.477	10.72
54)	T	cis-1,3-Dichlo...	0.494	0.519	0.523	0.613	0.559	0.555	0.544	7.63
55)	T	1,1,2-Trichlor...	0.306	0.314	0.311	0.322	0.305	0.298	0.309	2.71
56)	T	Ethyl methacry...	0.321	0.366	0.366	0.453	0.428	0.437	0.395	13.12

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W082625S.M

57)	T	1,3-Dichloropr...	0.507	0.524	0.510	0.553	0.514	0.498	0.518	3.73
58)	T	2-Chloroethyl ...	0.171	0.203	0.211	0.223	0.227	0.232	0.211	10.65
59)	T	2-Hexanone	0.173	0.189	0.191	0.223	0.218	0.212	0.201	9.78
60)	T	Dibromochlorom...	0.351	0.360	0.364	0.414	0.380	0.375	0.374	5.96
61)	T	1,2-Dibromoethane	0.283	0.309	0.294	0.333	0.302	0.303	0.304	5.46
62)	S	4-Bromofluorob...	0.448	0.431	0.450	0.489	0.447	0.468	0.455	4.46
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.318	0.332	0.342	0.353	0.322	0.308	0.329	5.04
65)	PM	Chlorobenzene	1.137	1.132	1.194	1.190	1.107	1.069	1.138	4.24
66)	T	1,1,1,2-Tetrac...	0.354	0.379	0.371	0.401	0.371	0.372	0.375	4.08
67)	C	Ethyl Benzene	1.676	1.823	1.920	2.027	1.880	1.862	1.865	6.21#
68)	T	m/p-Xylenes	0.627	0.700	0.751	0.798	0.730	0.699	0.718	8.02
69)	T	o-Xylene	0.581	0.659	0.695	0.752	0.688	0.699	0.679	8.36
70)	T	Styrene	1.006	1.160	1.246	1.324	1.223	1.221	1.197	8.97
71)	P	Bromoform	0.203	0.212	0.216	0.237	0.230	0.238	0.223	6.48
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	2.833	3.266	3.258	3.788	3.570	3.666	3.397	10.28
74)	T	N-amyl acetate	0.836	0.896	0.942	1.070	1.061	1.112	0.986	11.21
75)	P	1,1,2,2-Tetrac...	0.778	0.800	0.774	0.851	0.814	0.827	0.807	3.67
76)	T	1,2,3-Trichlor...	0.626	0.597	0.685	0.637	0.604	0.610	0.626	5.16
77)	T	Bromobenzene	0.815	0.844	0.864	0.947	0.825	0.904	0.866	5.82
78)	T	n-propylbenzene	3.525	4.066	4.016	4.548	4.238	4.351	4.124	8.53
79)	T	2-Chlorotoluene	2.250	2.469	2.469	2.758	2.552	2.633	2.522	6.83
80)	T	1,3,5-Trimethy...	2.411	2.790	2.815	3.210	2.968	3.063	2.876	9.62
81)	T	trans-1,4-Dich...	0.180	0.199	0.210	0.260	0.269	0.279	0.233	17.95
82)	T	4-Chlorotoluene	2.427	2.670	2.670	2.995	2.683	2.753	2.699	6.77
83)	T	tert-Butylbenzene	2.048	2.335	2.346	2.827	2.480	2.594	2.439	10.83
84)	T	1,2,4-Trimethy...	2.529	2.821	2.989	3.353	3.024	3.136	2.975	9.44
85)	T	sec-Butylbenzene	3.211	3.461	3.534	4.127	3.647	3.864	3.641	8.81
86)	T	p-Isopropyltol...	2.625	2.963	3.065	3.517	3.116	3.291	3.096	9.75
87)	T	1,3-Dichlorobe...	1.661	1.817	1.681	1.899	1.710	1.698	1.744	5.34
88)	T	1,4-Dichlorobe...	1.723	1.810	1.714	1.828	1.656	1.759	1.748	3.66
89)	T	n-Butylbenzene	2.571	2.782	2.819	3.337	3.061	3.140	2.952	9.42
90)	T	Hexachloroethane	0.538	0.556	0.524	0.609	0.566	0.605	0.566	6.15
91)	T	1,2-Dichlorobe...	1.511	1.515	1.603	1.561	1.536	1.539	1.544	2.21
92)	T	1,2-Dibromo-3-...	0.133	0.128	0.139	0.146	0.154	0.156	0.143	8.00
93)	T	1,2,4-Trichlor...	0.870	0.994	0.991	1.087	0.963	1.015	0.987	7.20
94)	T	Hexachlorobuta...	0.495	0.472	0.492	0.553	0.450	0.474	0.489	7.22
95)	T	Naphthalene	1.790	1.985	2.127	2.467	2.504	2.525	2.233	13.91
96)	T	1,2,3-Trichlor...	0.832	0.916	0.886	0.968	0.938	0.965	0.918	5.67

(#) = Out of Range



R = -2.447e-002 A*A + 6.115e-001 A + 4.664e-002
Coef of Det (r^2) = 0.999852 Curve Fit: Quadratic
Method: C:\Chrom\Archive\HPCHEM1\MSVOA W\Method\82W082625S.M
Calibration Table Last Updated: Wed Aug 27 04:13:40 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.959	168	206660	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.849	114	370444	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.629	117	346771	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180065	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.313	65	15541	5.258	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	10.520%#			
35) Dibromofluoromethane	7.904	113	13601	5.233	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.460%#			
50) Toluene-d8	10.325	98	43464	4.764	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	9.520%#			
62) 4-Bromofluorobenzene	12.617	95	16578	4.914	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	9.820%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.046	85	7405	5.427	ug/l		92
3) Chloromethane	2.253	50	8229	5.752	ug/l		99
4) Vinyl Chloride	2.399	62	10135	5.455	ug/l		92
5) Bromomethane	2.832	94	9495	5.722	ug/l		91
6) Chloroethane	2.966	64	6650	5.082	ug/l		90
7) Trichlorofluoromethane	3.302	101	7914	4.299	ug/l		99
8) Diethyl Ether	3.722	74	7589	5.524	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.106	101	11532	5.560	ug/l		94
10) Methyl Iodide	4.301	142	16828	5.329	ug/l		98
11) Tert butyl alcohol	5.204	59	4756	26.308	ug/l	#	88
12) 1,1-Dichloroethene	4.076	96	12023	5.505	ug/l		94
13) Acrolein	3.936	56	7536	27.119	ug/l		93
14) Allyl chloride	4.704	41	16108	5.192	ug/l		99
15) Acrylonitrile	5.405	53	15695	23.497	ug/l		96
16) Acetone	4.155	43	18385	28.723	ug/l		97
17) Carbon Disulfide	4.417	76	28048	5.134	ug/l		96
18) Methyl Acetate	4.698	43	10206	5.004	ug/l		98
19) Methyl tert-butyl Ether	5.466	73	20274	4.916	ug/l		92
20) Methylene Chloride	4.954	84	20105	4.155	ug/l		92
21) trans-1,2-Dichloroethene	5.454	96	12345	5.060	ug/l		94
22) Diisopropyl ether	6.338	45	32072	4.750	ug/l		91
23) Vinyl Acetate	6.277	43	101339	22.074	ug/l		99
24) 1,1-Dichloroethane	6.234	63	23105	5.227	ug/l		99
25) 2-Butanone	7.191	43	20788	22.919	ug/l		100
26) 2,2-Dichloropropane	7.185	77	11564	4.940	ug/l		97
27) cis-1,2-Dichloroethene	7.185	96	15178	5.112	ug/l		96
28) Bromochloromethane	7.532	49	10305	5.092	ug/l		97
29) Tetrahydrofuran	7.551	42	13561	23.528	ug/l		97
30) Chloroform	7.691	83	26348	5.220	ug/l		94
31) Cyclohexane	7.965	56	21648	5.966	ug/l	#	83
32) 1,1,1-Trichloroethane	7.892	97	19386	5.262	ug/l		98
36) 1,1-Dichloropropene	8.093	75	16546	4.910	ug/l		98
37) Ethyl Acetate	7.282	43	9606	4.752	ug/l	#	96
38) Carbon Tetrachloride	8.081	117	17291	4.786	ug/l		99
39) Methylcyclohexane	9.343	83	18002	4.510	ug/l		90
40) Benzene	8.331	78	51163	4.912	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	5632	5.015	ug/l	#	85
42) 1,2-Dichloroethane	8.410	62	18244	5.052	ug/l		97
43) Isopropyl Acetate	8.435	43	17422	4.594	ug/l		97
44) Trichloroethene	9.099	130	12977	4.954	ug/l		100
45) 1,2-Dichloropropane	9.374	63	12512	4.983	ug/l		97
46) Dibromomethane	9.465	93	8740	4.962	ug/l		97
47) Bromodichloromethane	9.648	83	19254	4.811	ug/l		93
48) Methyl methacrylate	9.441	41	7054	4.036	ug/l		89
49) 1,4-Dioxane	9.459	88	1889	88.770	ug/l	#	38
51) 4-Methyl-2-Pentanone	10.215	43	48128	22.475	ug/l		96
52) Toluene	10.386	92	32955	4.841	ug/l		95
53) t-1,3-Dichloropropene	10.611	75	14930	4.229	ug/l		96
54) cis-1,3-Dichloropropene	10.081	75	18295	4.541	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	11334	4.949	ug/l		90
56) Ethyl methacrylate	10.648	69	11883	4.058	ug/l		97
57) 1,3-Dichloropropane	10.934	76	18781	4.897	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	31610	20.226	ug/l		100
59) 2-Hexanone	10.971	43	32049	21.520	ug/l		94
60) Dibromochloromethane	11.129	129	13014	4.696	ug/l		97
61) 1,2-Dibromoethane	11.239	107	10499	4.662	ug/l		91
64) Tetrachloroethene	10.861	164	11029	4.832	ug/l	#	85
65) Chlorobenzene	11.660	112	39417	4.994	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	12280	4.726	ug/l		96
67) Ethyl Benzene	11.733	91	58107	4.493	ug/l		100
68) m/p-Xylenes	11.843	106	43484	8.737	ug/l		96
69) o-Xylene	12.160	106	20131	4.276	ug/l		95
70) Styrene	12.178	104	34891	4.204	ug/l		98
71) Bromoform	12.349	173	7031	4.556	ug/l	#	100
73) Isopropylbenzene	12.464	105	51013	4.170	ug/l		100
74) N-amyl acetate	12.269	43	15062	4.241	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.708	83	14008	4.818	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	11273m	4.835	ug/l		
77) Bromobenzene	12.745	156	14669	4.702	ug/l		96
78) n-propylbenzene	12.800	91	63470	4.274	ug/l		97
79) 2-Chlorotoluene	12.891	91	40515	4.461	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	43406	4.191	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.513	75	3233	3.859	ug/l		91
82) 4-Chlorotoluene	12.983	91	43697	4.495	ug/l		98
83) tert-Butylbenzene	13.202	119	36884	4.200	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	45544	4.250	ug/l		99
85) sec-Butylbenzene	13.379	105	57822	4.410	ug/l		99
86) p-Isopropyltoluene	13.495	119	47272	4.240	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	29910	4.762	ug/l		95
88) 1,4-Dichlorobenzene	13.580	146	31029	4.929	ug/l		97
89) n-Butylbenzene	13.818	91	46303	4.356	ug/l		97
90) Hexachloroethane	14.086	117	9687	4.750	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	27202	4.891	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.482	75	2386	4.646	ug/l		90
93) 1,2,4-Trichlorobenzene	15.129	180	15663	4.408	ug/l		96
94) Hexachlorobutadiene	15.226	225	8916	5.060	ug/l		99
95) Naphthalene	15.354	128	32224	4.007	ug/l		99
96) 1,2,3-Trichlorobenzene	15.543	180	14982	4.534	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

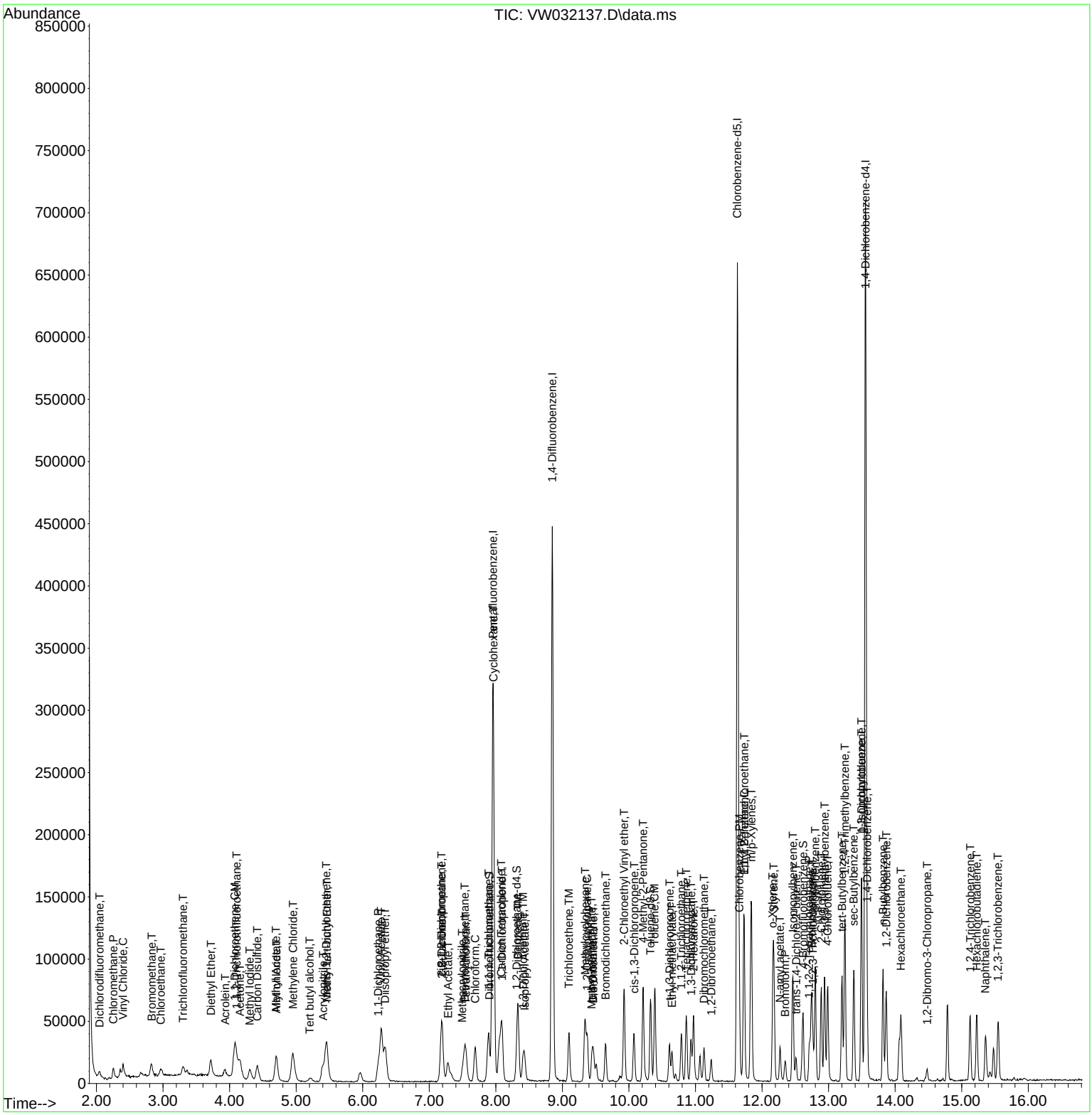
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Data File : VW032137.D
Acq On : 26 Aug 2025 09:39
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

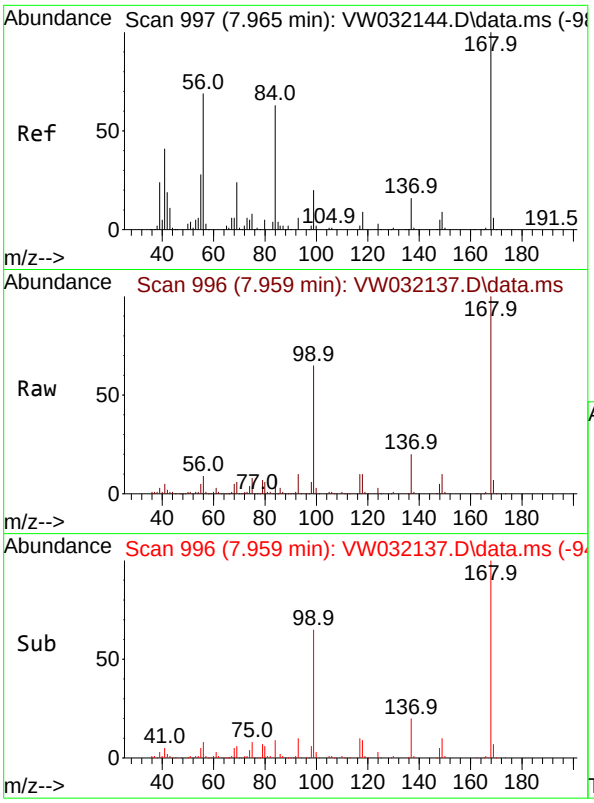
Quant Time: Aug 27 03:47:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

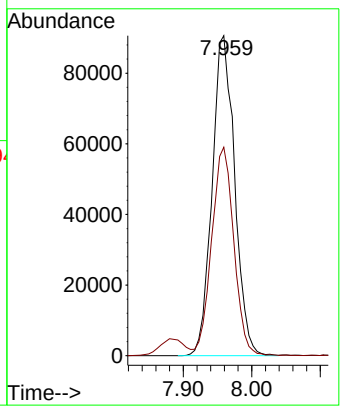




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:168 Resp: 20666

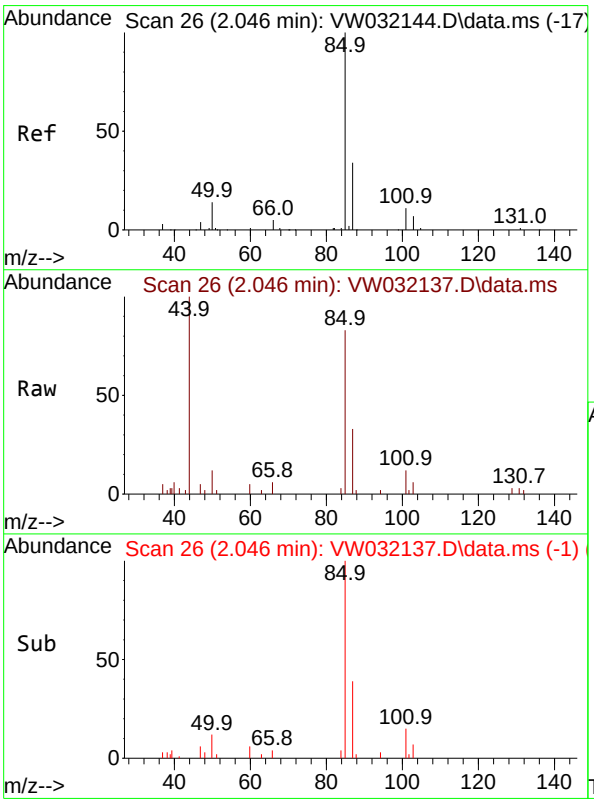
Ion	Ratio	Lower	Upper
168	100		
99	65.0	49.3	73.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

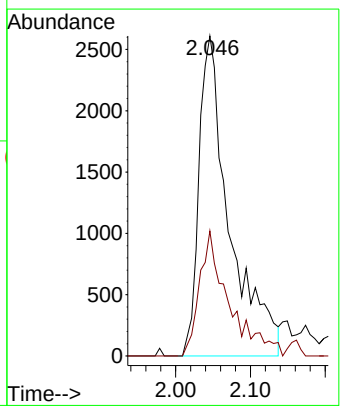
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

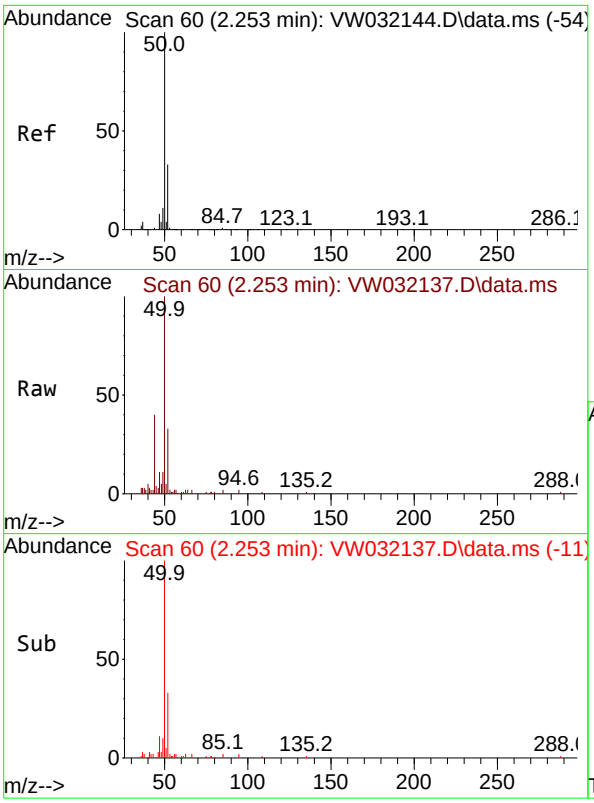


#2
Dichlorodifluoromethane
Concen: 5.427 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 85 Resp: 7405

Ion	Ratio	Lower	Upper
85	100		
87	39.0	17.2	51.6

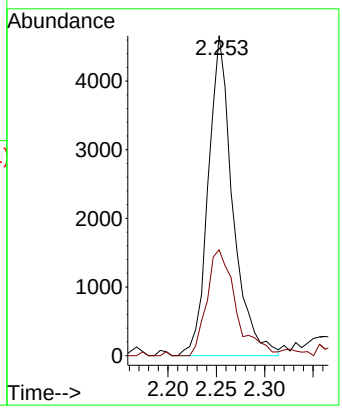




#3
Chloromethane
Concen: 5.752 ug/l
RT: 2.253 min Scan# 6
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 50 Resp: 822

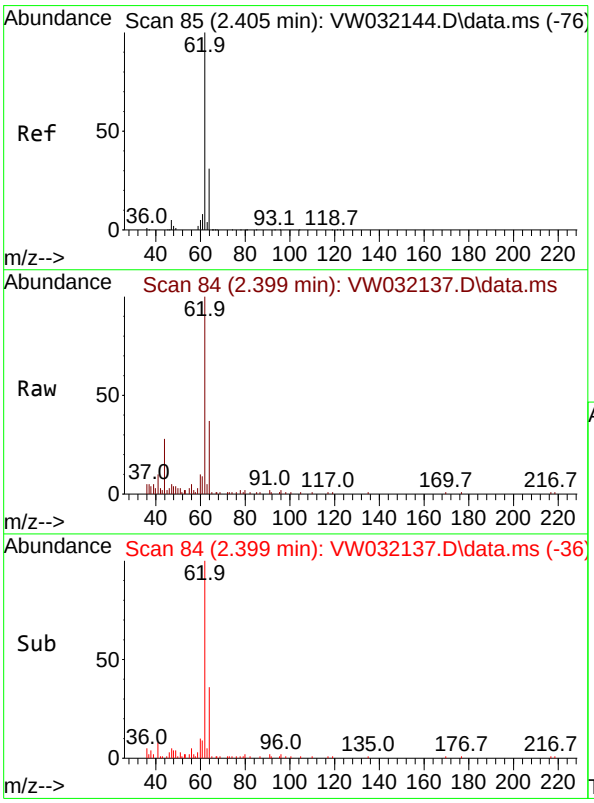
Ion	Ratio	Lower	Upper
50	100		
52	33.1	26.1	39.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

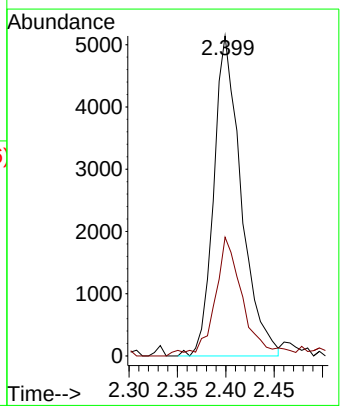
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

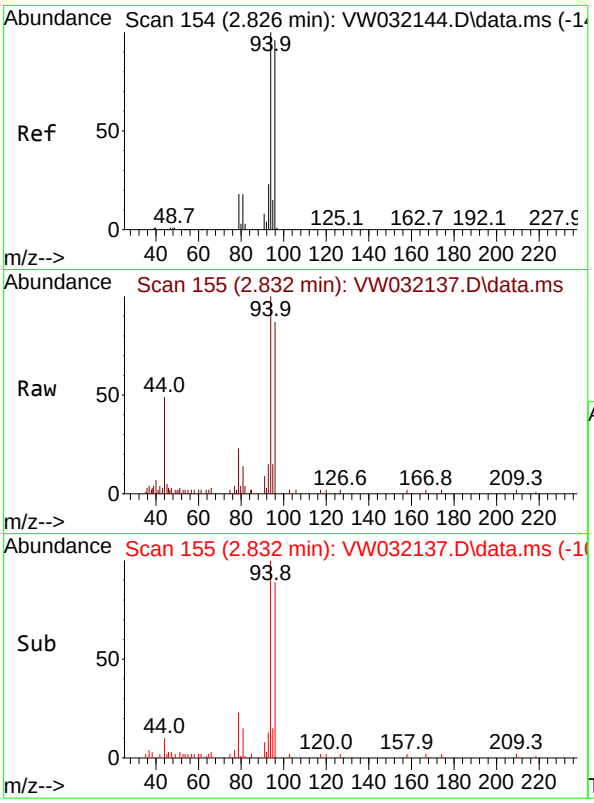


#4
Vinyl Chloride
Concen: 5.455 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 62 Resp: 10135

Ion	Ratio	Lower	Upper
62	100		
64	35.3	24.8	37.2

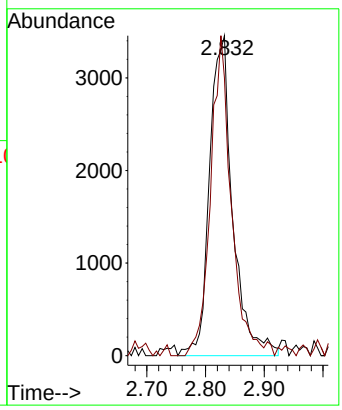




#5
Bromomethane
Concen: 5.722 ug/l
RT: 2.832 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 94 Resp: 949

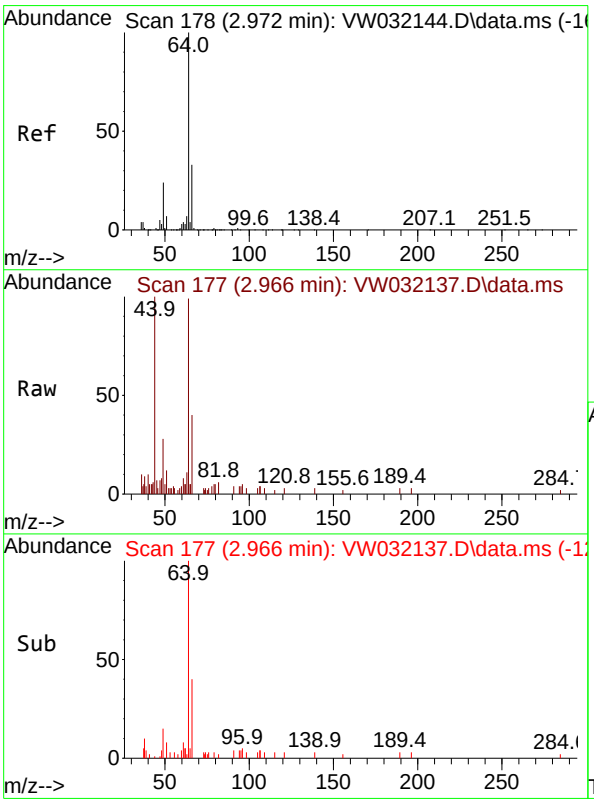
Ion	Ratio	Lower	Upper
94	100		
96	86.8	76.6	115.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

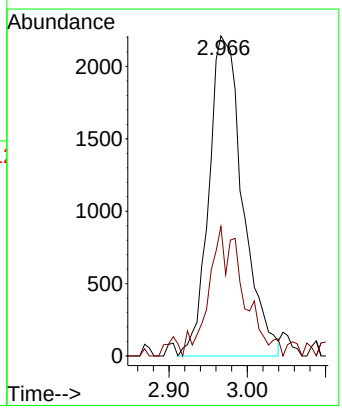
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

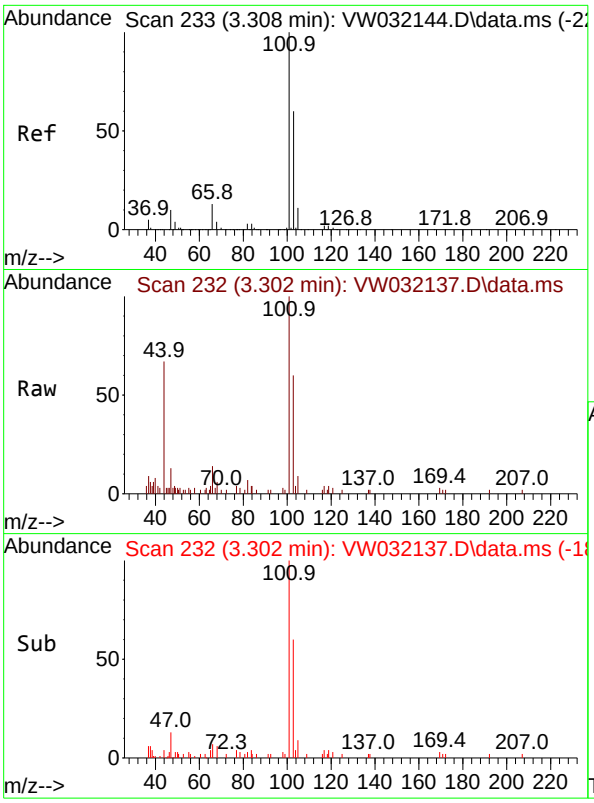


#6
Chloroethane
Concen: 5.082 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 64 Resp: 6650

Ion	Ratio	Lower	Upper
64	100		
66	38.2	26.2	39.4

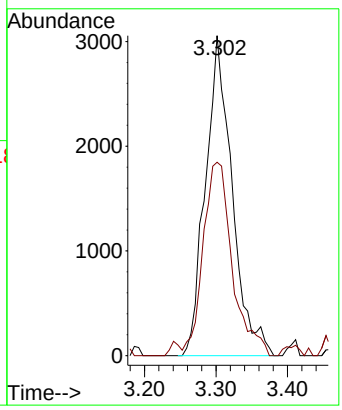




#7
Trichlorofluoromethane
Concen: 4.299 ug/l
RT: 3.302 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:101 Resp: 791

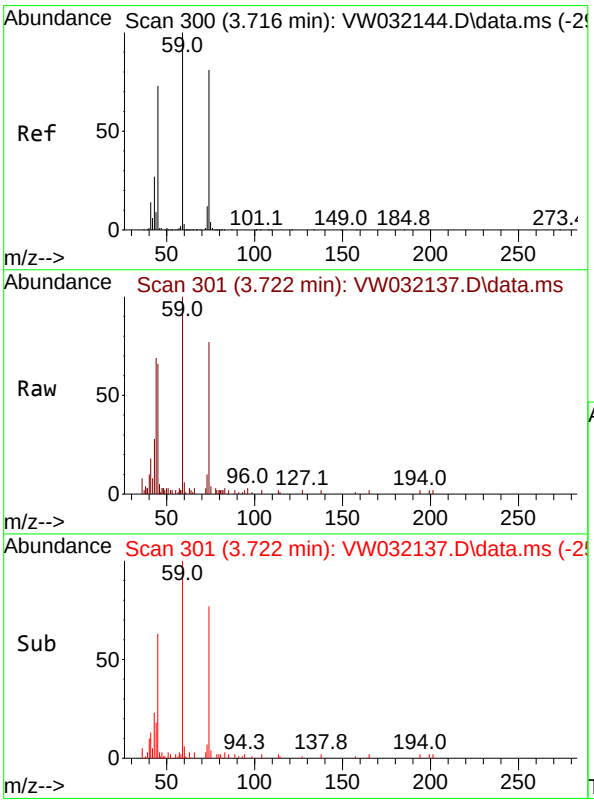
Ion	Ratio	Lower	Upper
101	100		
103	60.5	47.8	71.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

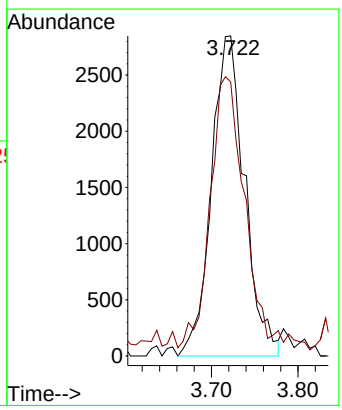
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

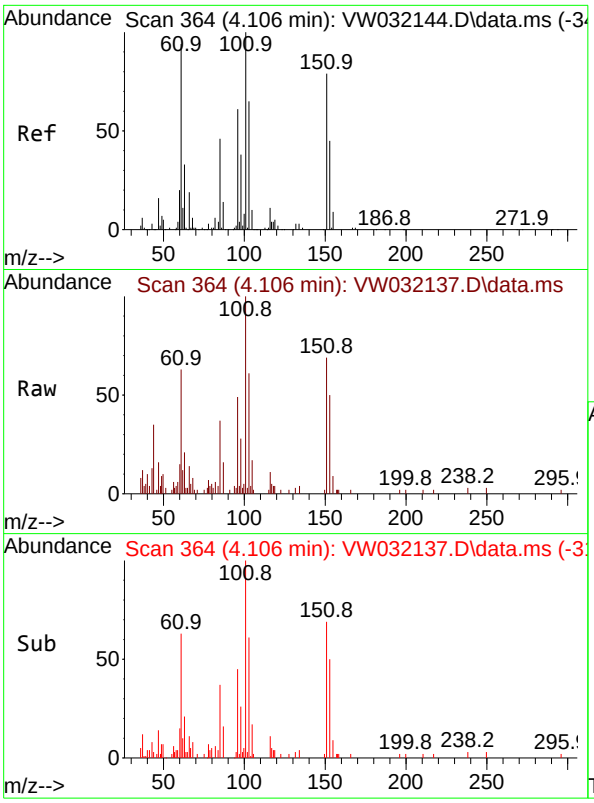


#8
Diethyl Ether
Concen: 5.524 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 74 Resp: 7589

Ion	Ratio	Lower	Upper
74	100		
45	85.7	43.1	129.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.560 ug/l
RT: 4.106 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

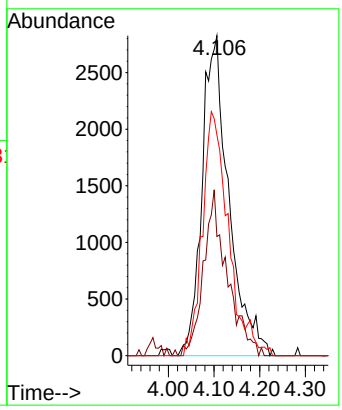
Tgt Ion:101 Resp: 1153

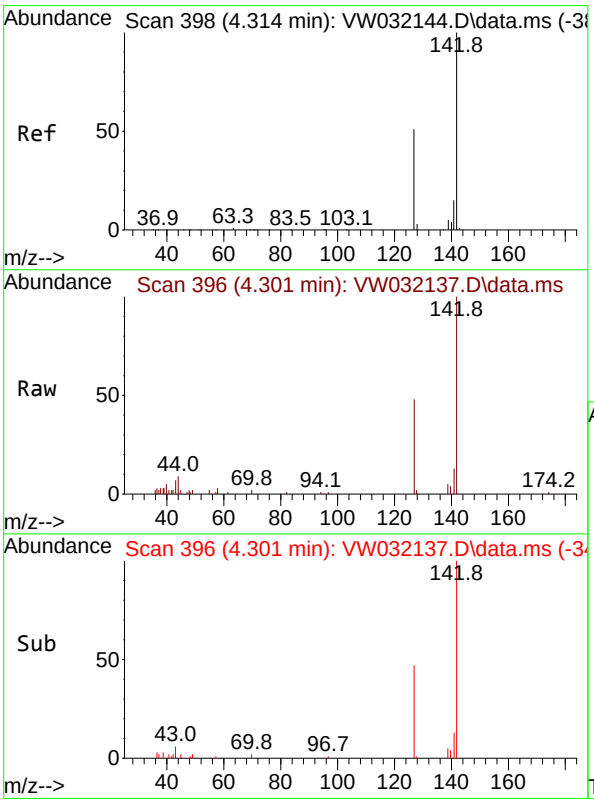
Ion	Ratio	Lower	Upper
101	100		
85	45.6	37.1	55.7
151	69.5	61.5	92.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

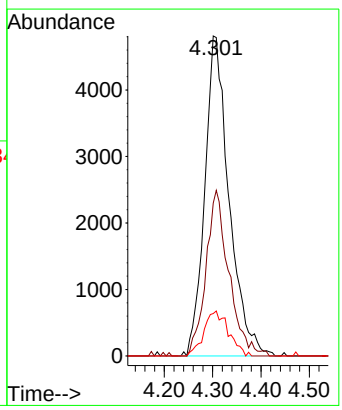


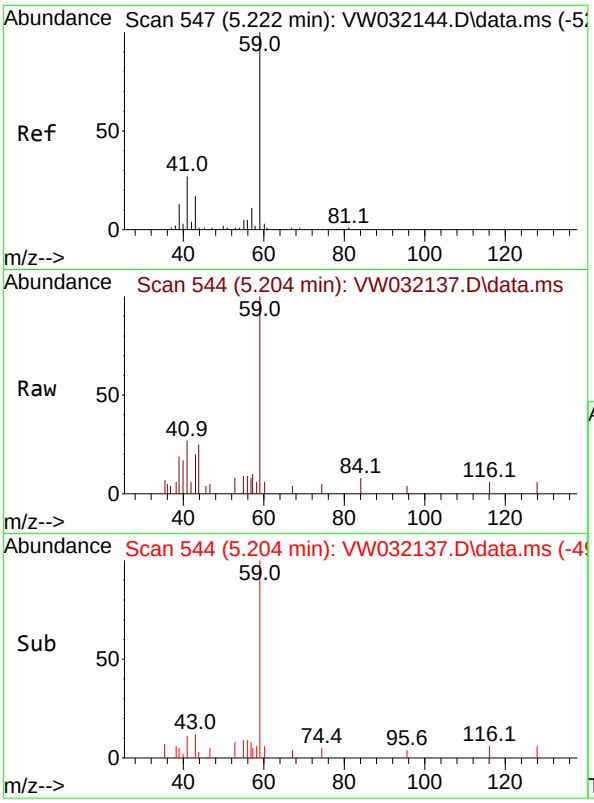


#10
Methyl Iodide
Concen: 5.329 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:142 Resp: 16828

Ion	Ratio	Lower	Upper
142	100		
127	48.7	38.2	57.2
141	14.3	12.2	18.2

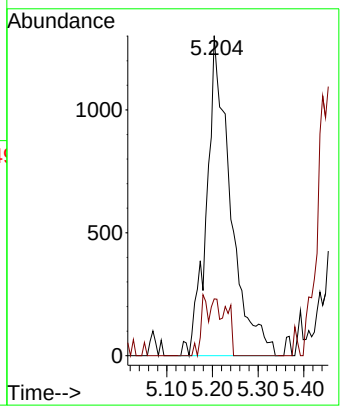




#11
Tert butyl alcohol
Concen: 26.308 ug/l
RT: 5.204 min Scan# 54
Delta R.T. -0.018 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 59 Resp: 475

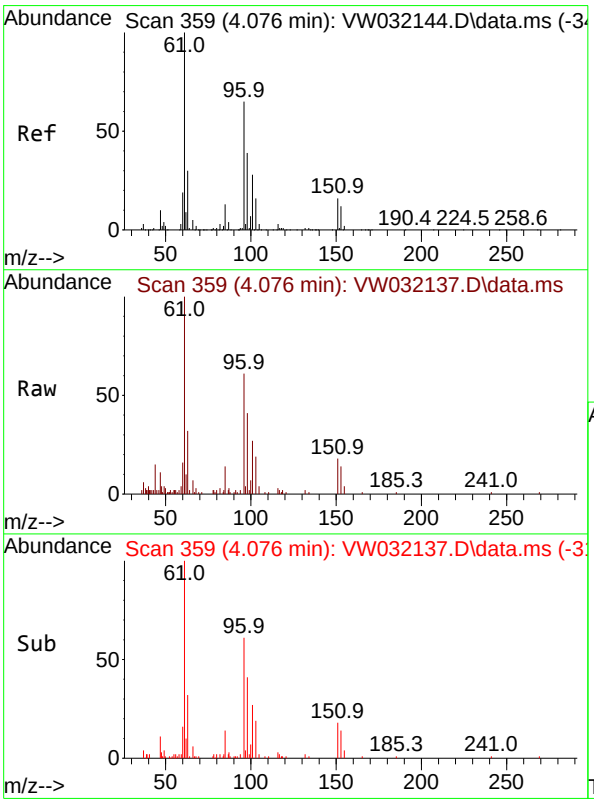
Ion	Ratio	Lower	Upper
59	100		
57	7.4	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

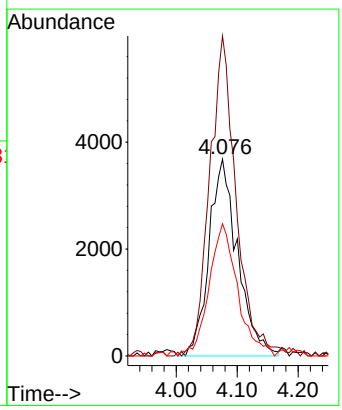
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

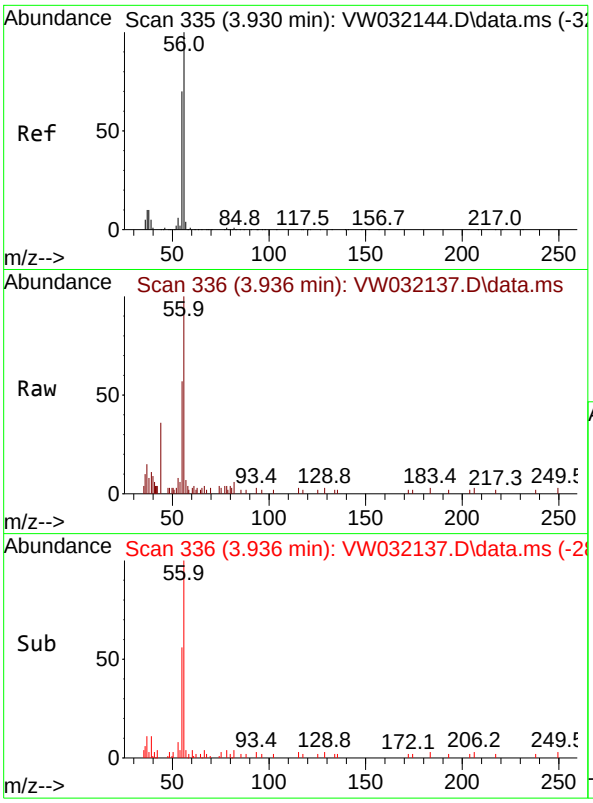


#12
1,1-Dichloroethene
Concen: 5.505 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 96 Resp: 12023

Ion	Ratio	Lower	Upper
96	100		
61	160.7	123.0	184.4
98	67.1	48.5	72.7

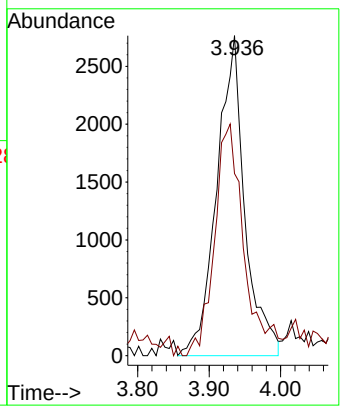




#13
Acrolein
Concen: 27.119 ug/l
RT: 3.936 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 56 Resp: 753

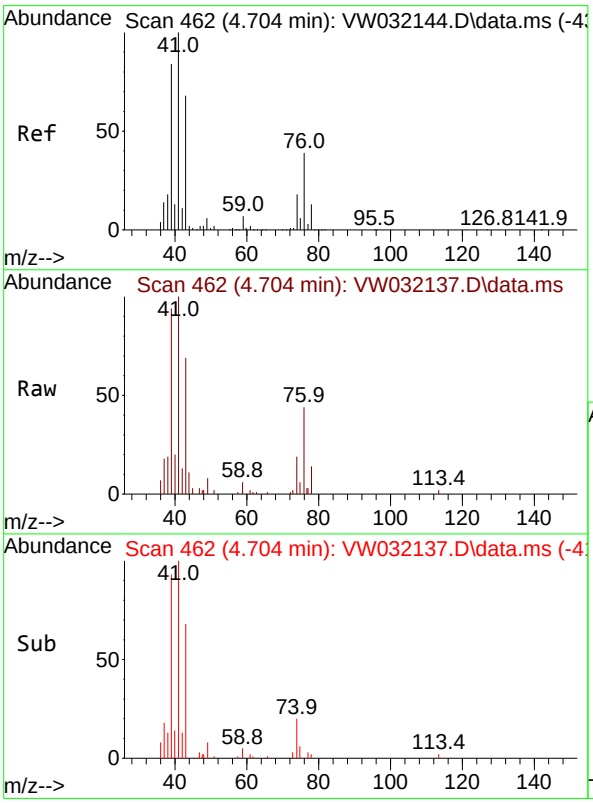
Ion	Ratio	Lower	Upper
56	100		
55	76.1	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

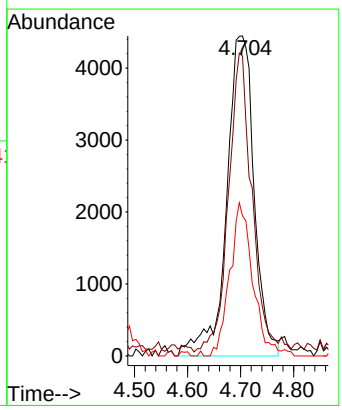
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

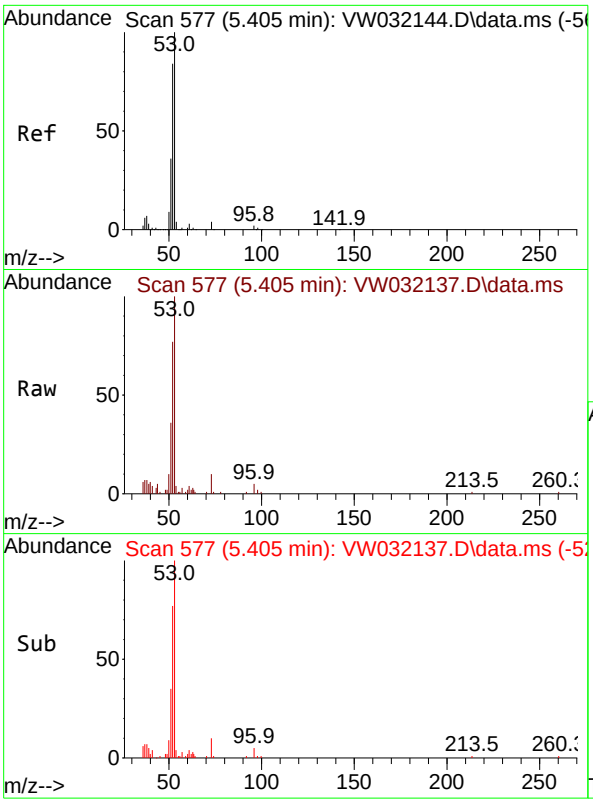


#14
Allyl chloride
Concen: 5.192 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 41 Resp: 16108

Ion	Ratio	Lower	Upper
41	100		
39	78.5	64.1	96.1
76	39.5	31.4	47.2

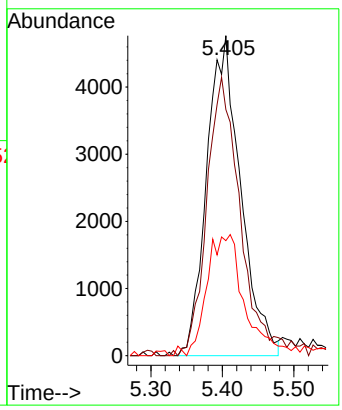




#15
Acrylonitrile
Concen: 23.497 ug/l
RT: 5.405 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 53 Resp: 1569

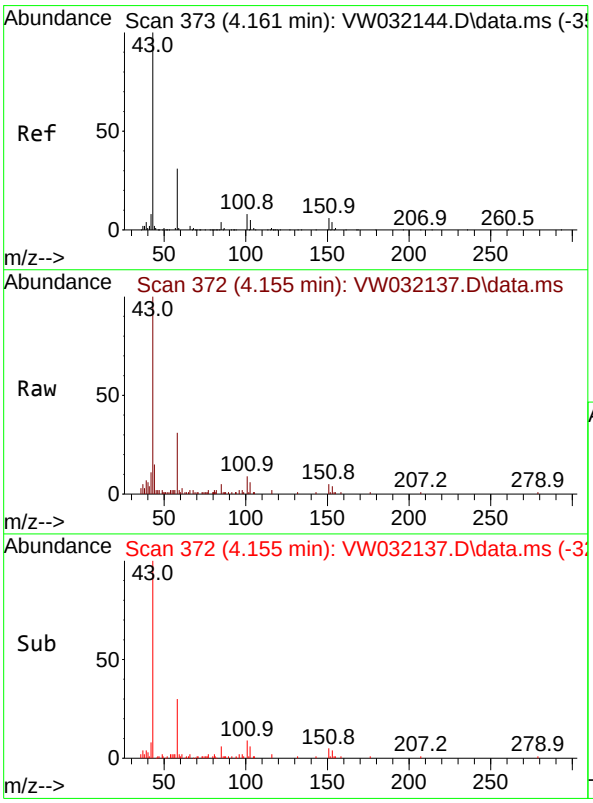
Ion	Ratio	Lower	Upper
53	100		
52	87.2	67.4	101.2
51	41.4	30.3	45.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

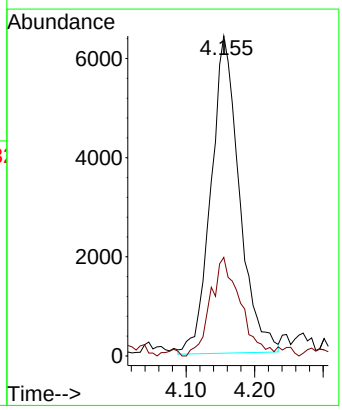
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

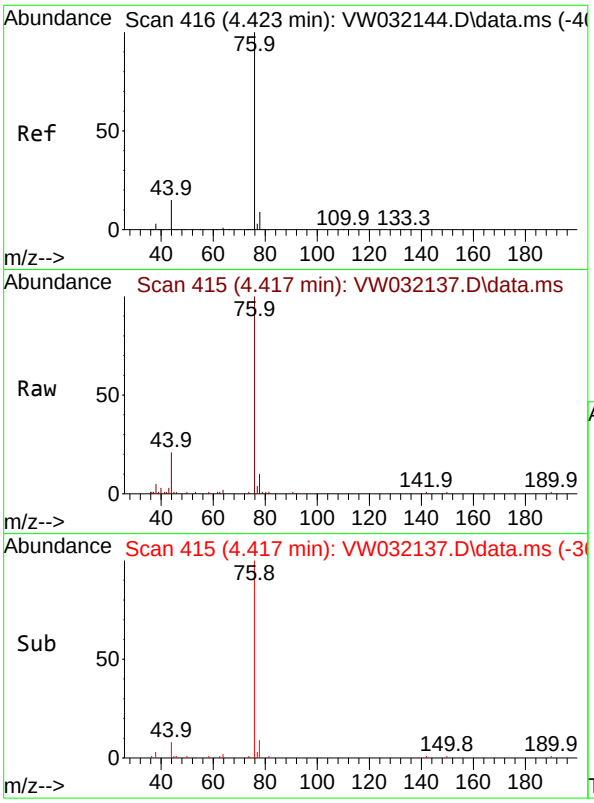


#16
Acetone
Concen: 28.723 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 18385

Ion	Ratio	Lower	Upper
43	100		
58	29.9	25.3	37.9

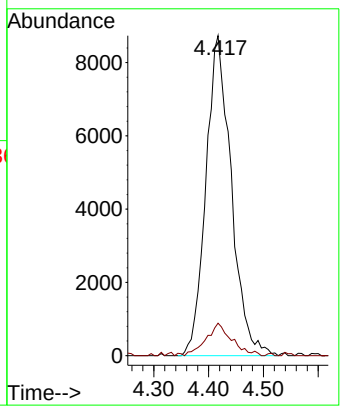




#17
Carbon Disulfide
Concen: 5.134 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 76 Resp: 2804

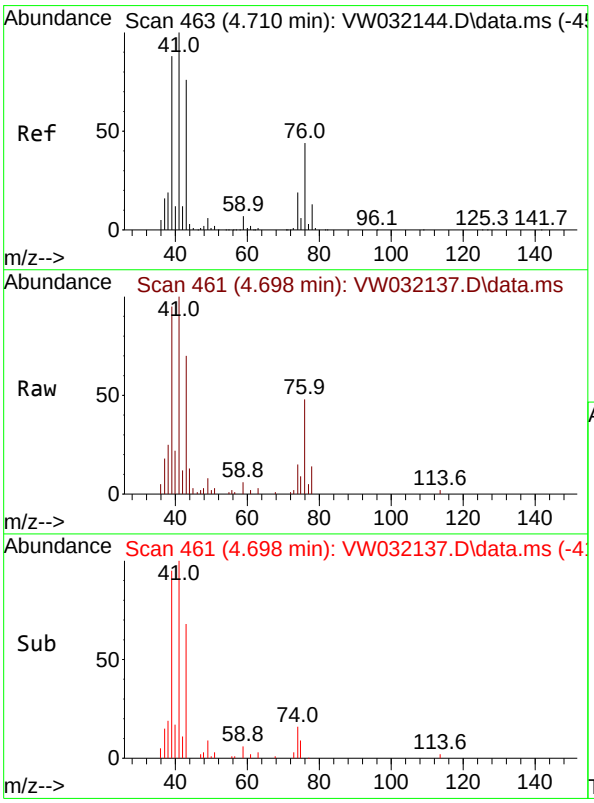
Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.0	10.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

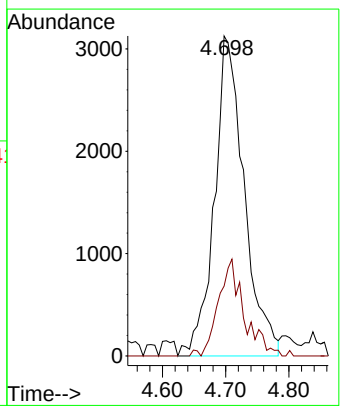
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

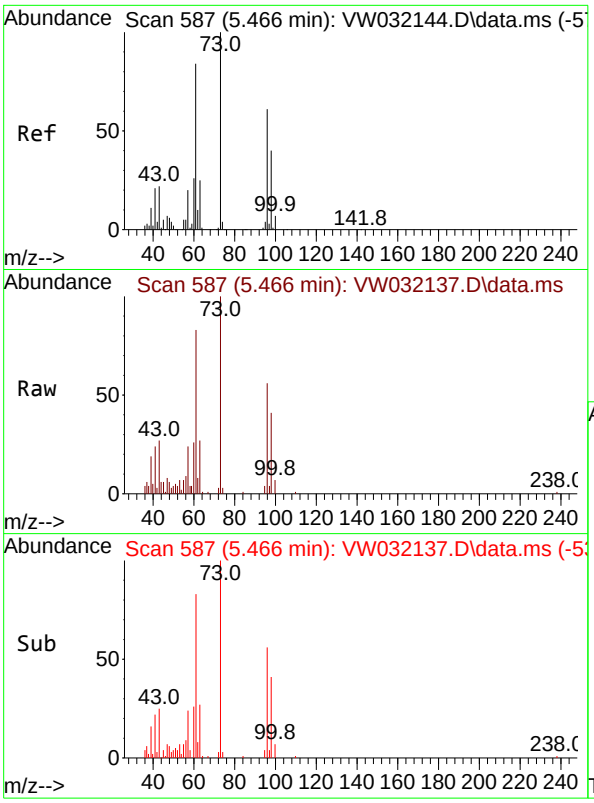


#18
Methyl Acetate
Concen: 5.004 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.012 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 10206

Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.2	30.4

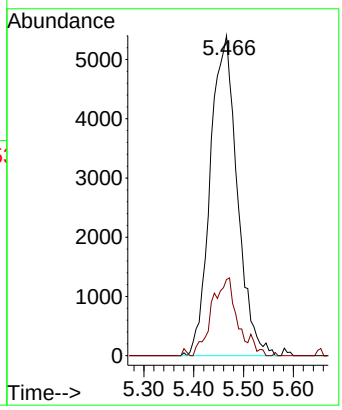




#19
Methyl tert-butyl Ether
Concen: 4.916 ug/l
RT: 5.466 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 73 Resp: 2027

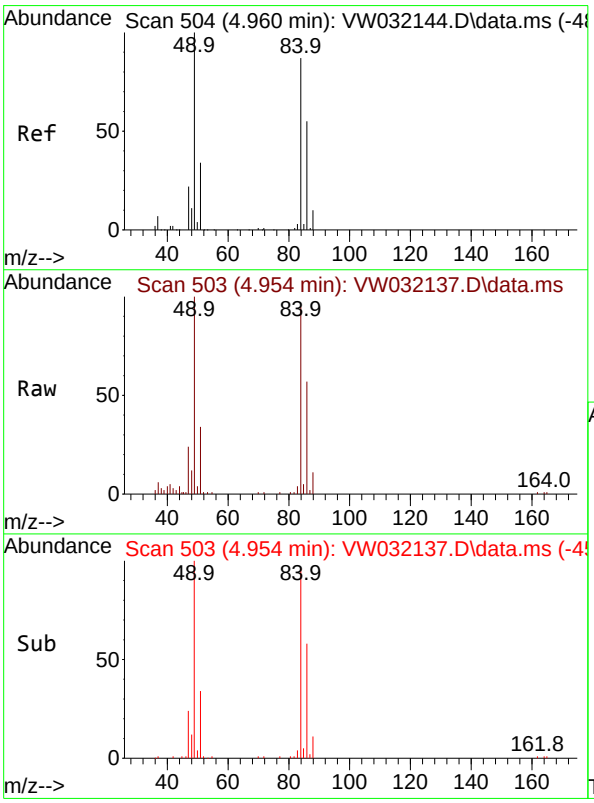
Ion	Ratio	Lower	Upper
73	100		
57	23.8	16.2	24.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

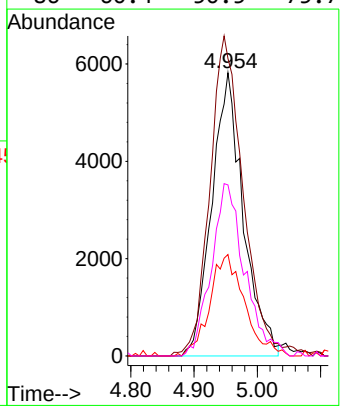
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

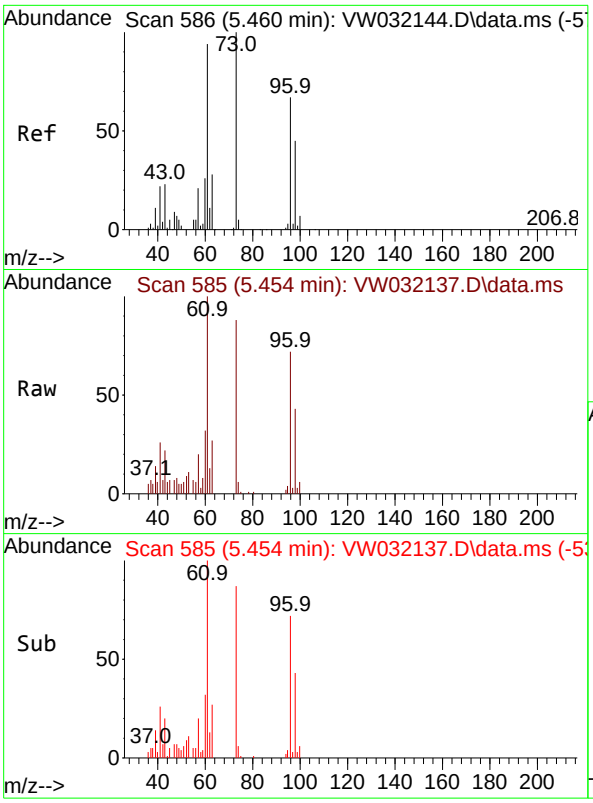


#20
Methylene Chloride
Concen: 4.155 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 84 Resp: 20105

Ion	Ratio	Lower	Upper
84	100		
49	103.8	92.2	138.4
51	34.9	31.0	46.6
86	60.4	50.5	75.7

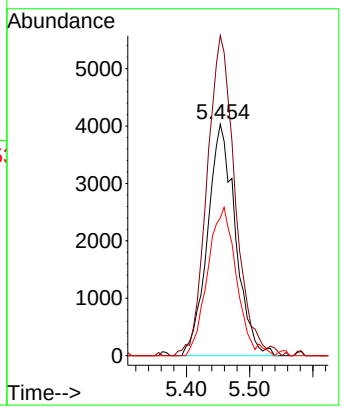




#21
trans-1,2-Dichloroethene
Concen: 5.060 ug/l
RT: 5.454 min Scan# 5
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 96 Resp: 1234

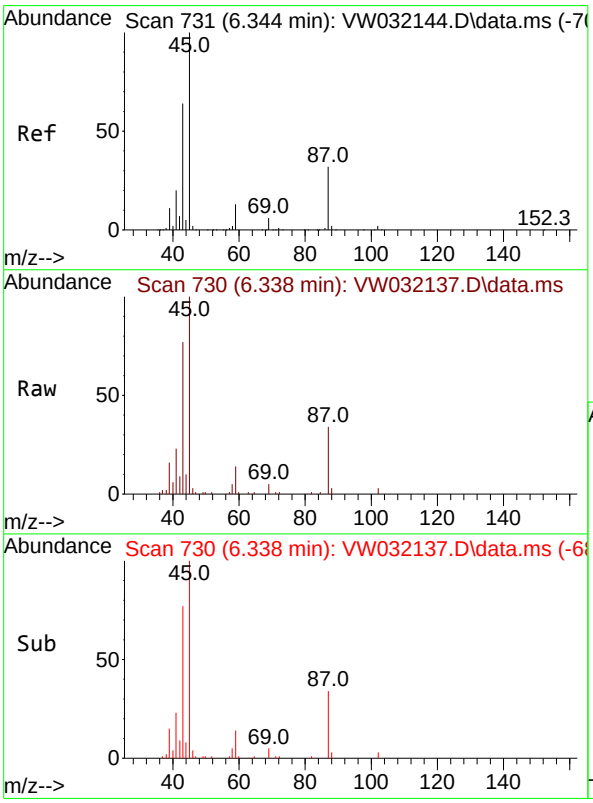
Ion	Ratio	Lower	Upper
96	100		
61	136.6	112.5	168.7
98	59.4	54.2	81.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

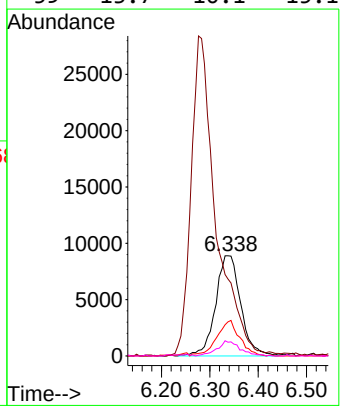
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

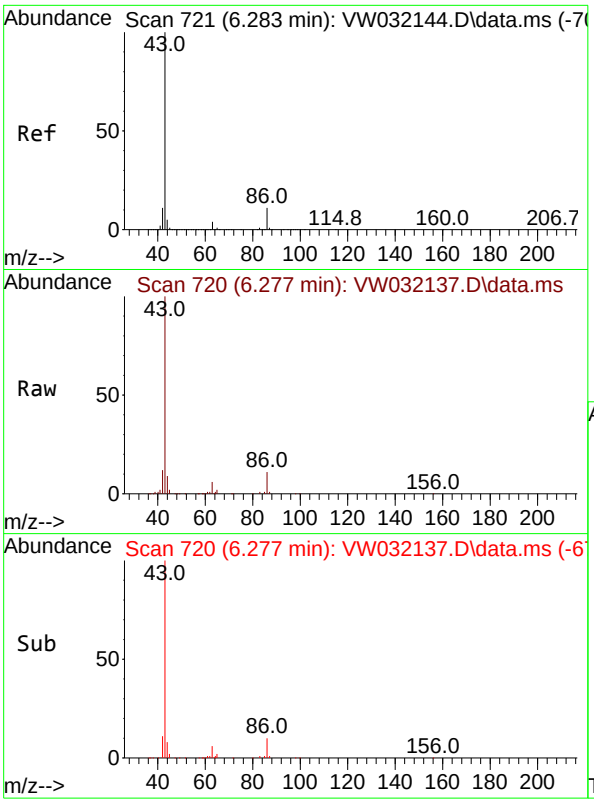


#22
Diisopropyl ether
Concen: 4.750 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 45 Resp: 32072

Ion	Ratio	Lower	Upper
45	100		
43	74.2	51.4	77.2
87	34.0	25.9	38.9
59	13.7	10.1	15.1





#23
Vinyl Acetate
Concen: 22.074 ug/l
RT: 6.277 min Scan# 7
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

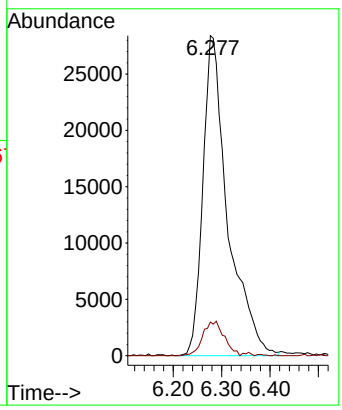
Tgt Ion: 43 Resp: 10133

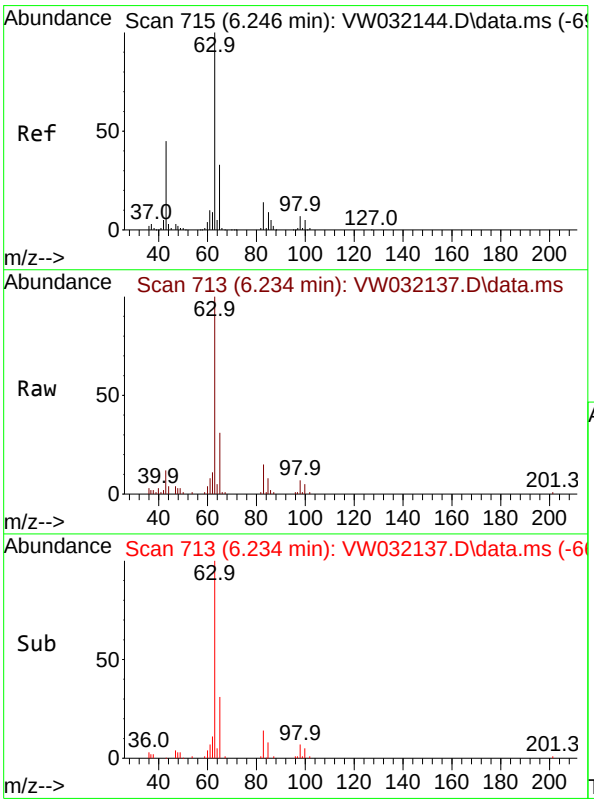
Ion	Ratio	Lower	Upper
43	100		
86	10.5	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

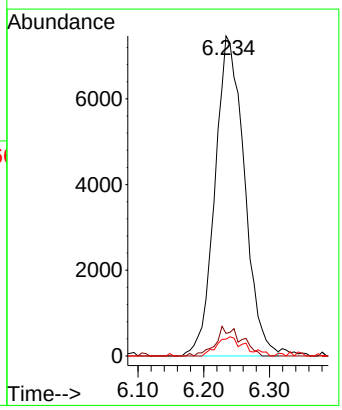


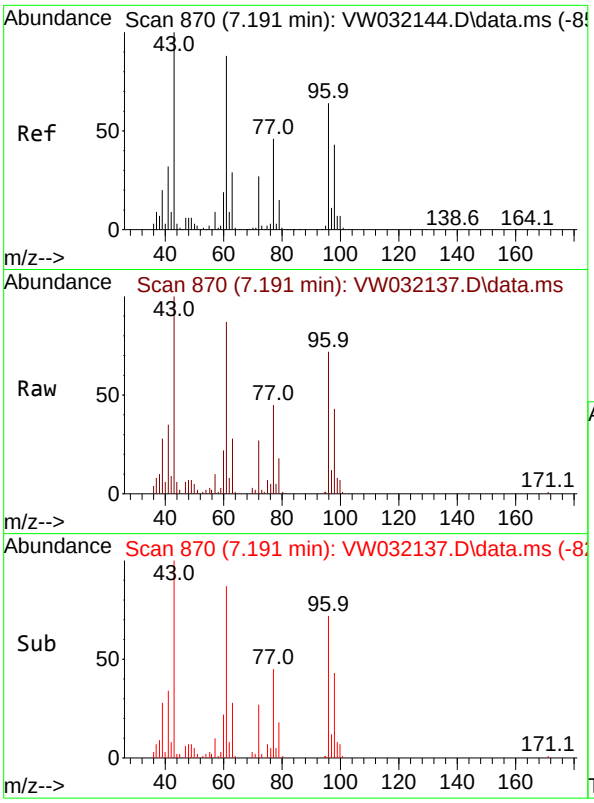


#24
1,1-Dichloroethane
Concen: 5.227 ug/l
RT: 6.234 min Scan# 713
Delta R.T. -0.012 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 63 Resp: 23105

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.8	11.2
100	5.3	2.5	7.5





#25
2-Butanone
Concen: 22.919 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

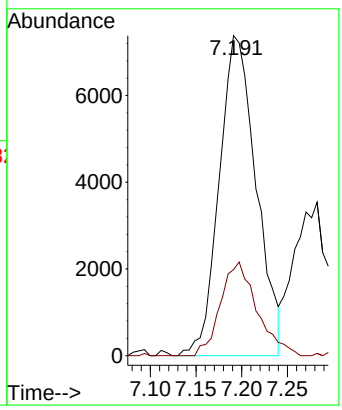
Tgt Ion: 43 Resp: 2078

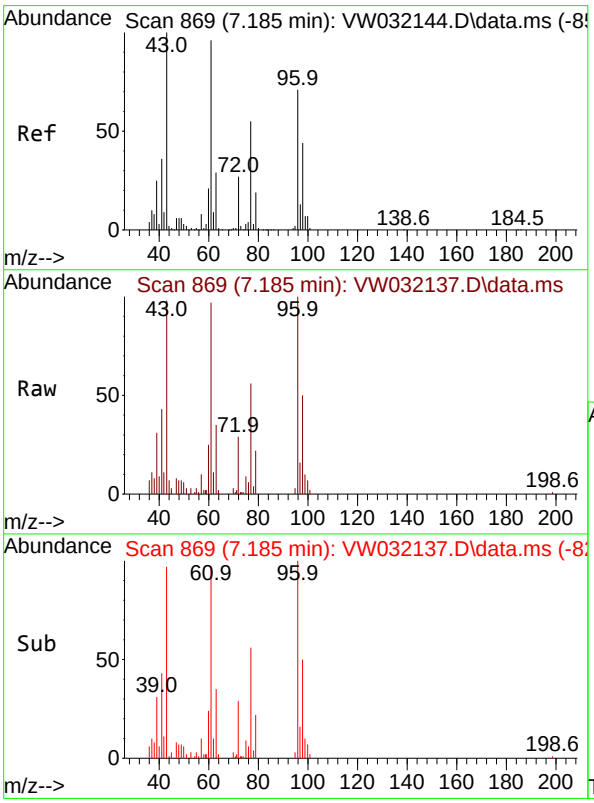
Ion	Ratio	Lower	Upper
43	100		
72	26.9	21.4	32.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

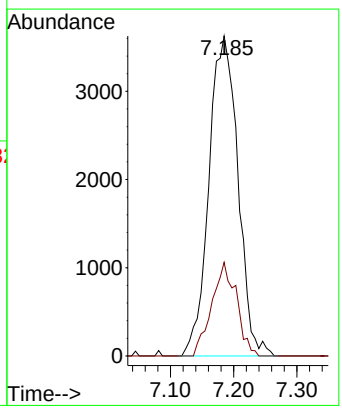


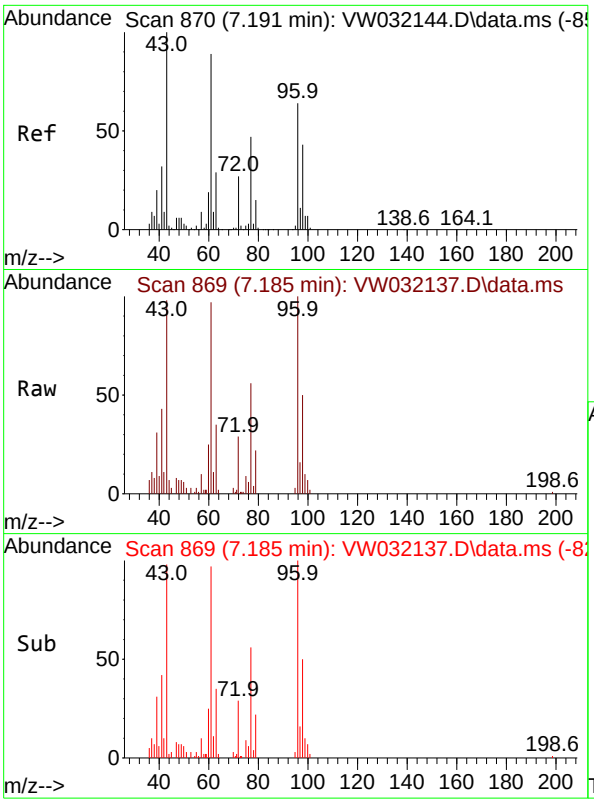


#26
2,2-Dichloropropane
Concen: 4.940 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 77 Resp: 11564

Ion	Ratio	Lower	Upper
77	100		
97	24.9	11.9	35.5

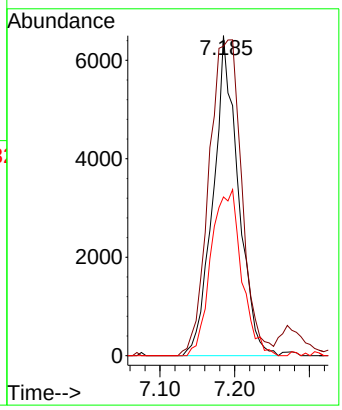




#27
cis-1,2-Dichloroethene
Concen: 5.112 ug/l
RT: 7.185 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 96 Resp: 1517

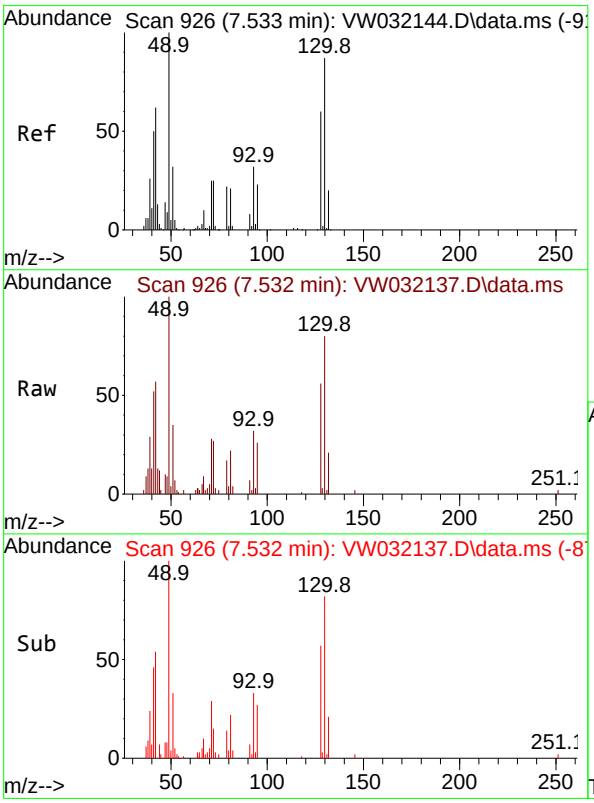
Ion	Ratio	Lower	Upper
96	100		
61	129.1	0.0	268.0
98	63.3	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

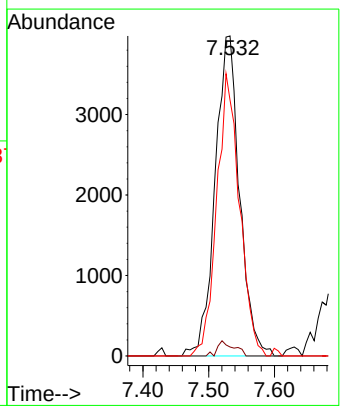
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

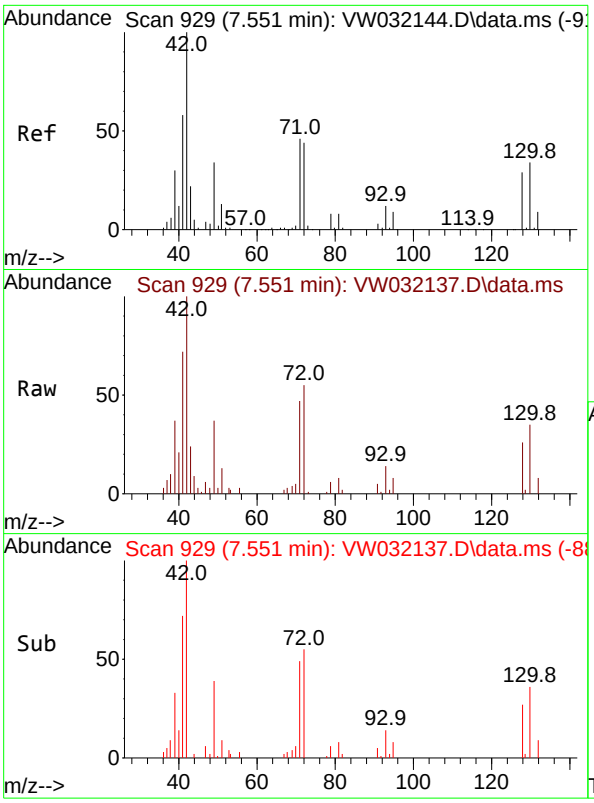


#28
Bromochloromethane
Concen: 5.092 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 49 Resp: 10305

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	4.2
130	82.0	67.5	101.3

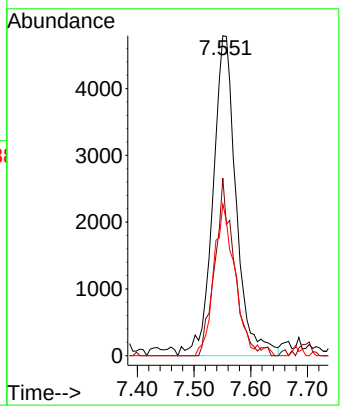




#29
Tetrahydrofuran
Concen: 23.528 ug/l
RT: 7.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 42 Resp: 1356

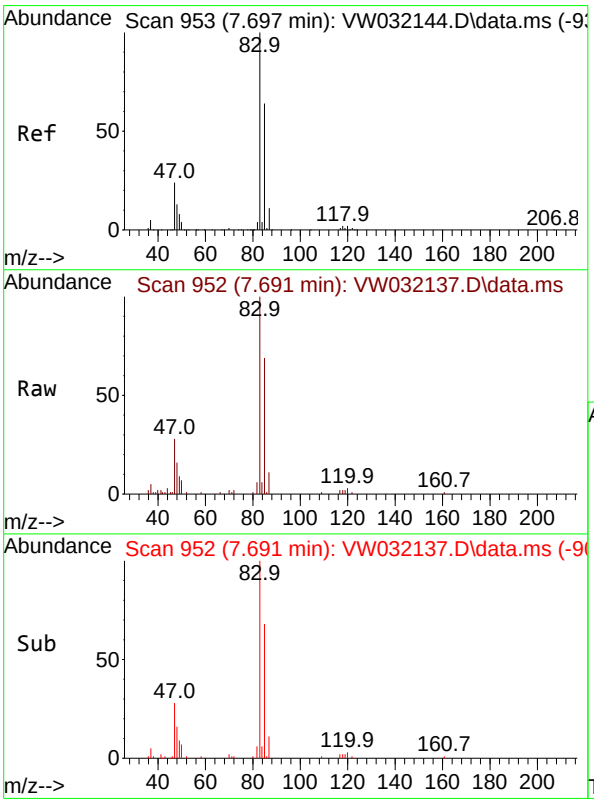
Ion	Ratio	Lower	Upper
42	100		
72	45.6	37.4	56.2
71	42.7	36.0	54.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

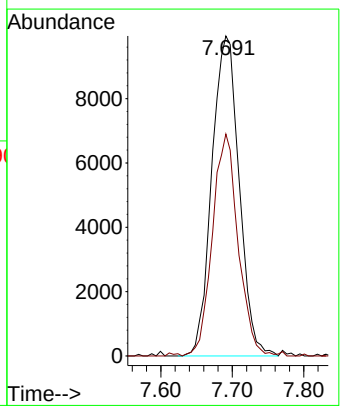
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

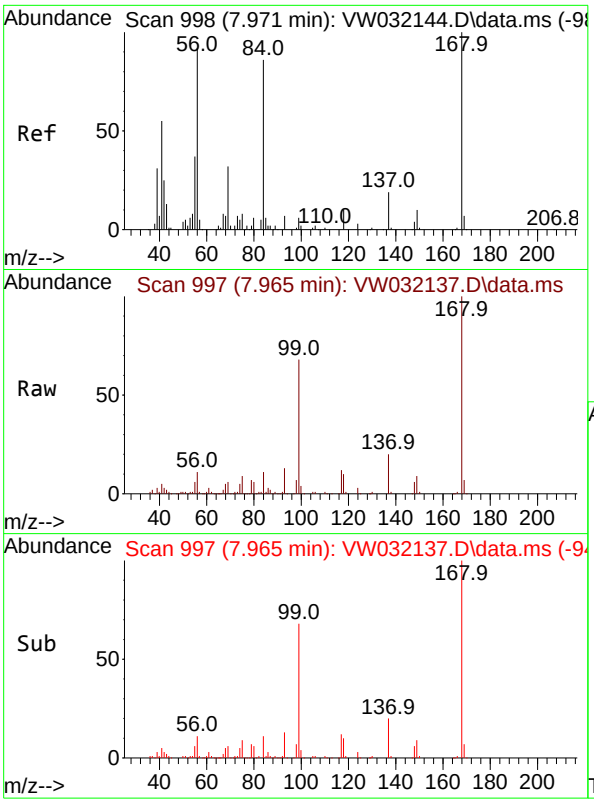


#30
Chloroform
Concen: 5.220 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 83 Resp: 26348

Ion	Ratio	Lower	Upper
83	100		
85	68.7	51.2	76.8

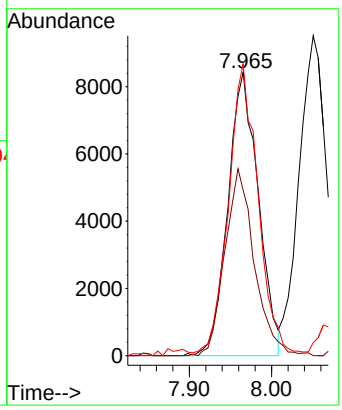




#31
Cyclohexane
Concen: 5.966 ug/l
RT: 7.965 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 56 Resp: 2164

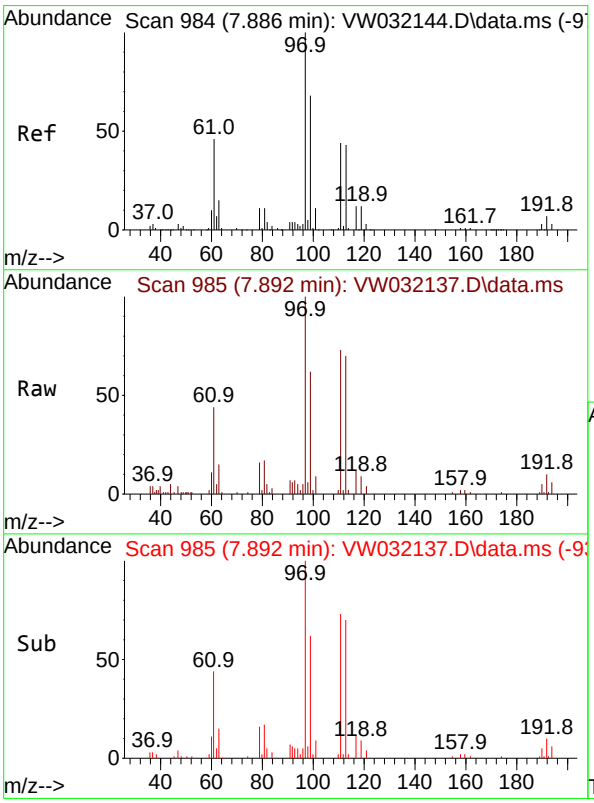
Ion	Ratio	Lower	Upper
56	100		
69	58.4	27.7	41.5
84	101.2	74.6	112.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

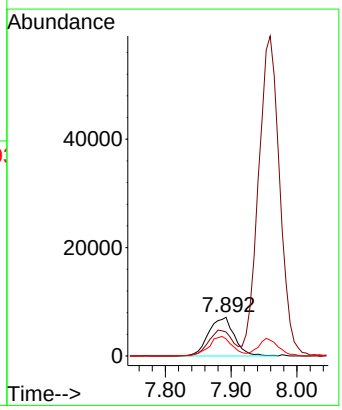
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

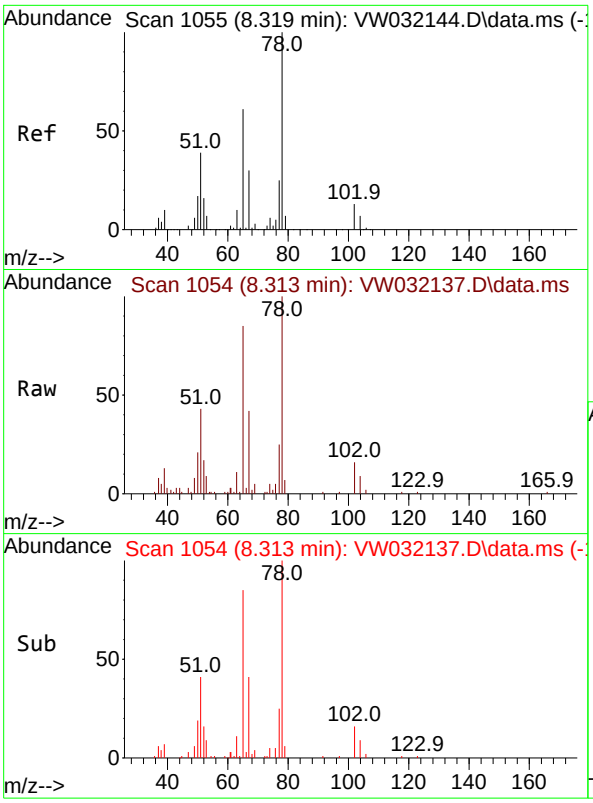


#32
1,1,1-Trichloroethane
Concen: 5.262 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 97 Resp: 19386

Ion	Ratio	Lower	Upper
97	100		
99	61.6	50.9	76.3
61	46.0	36.2	54.4

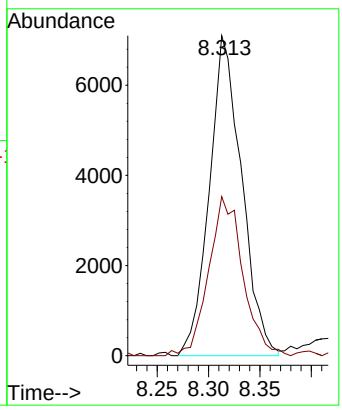




#33
1,2-Dichloroethane-d4
Concen: 5.258 ug/l
RT: 8.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 65 Resp: 1554

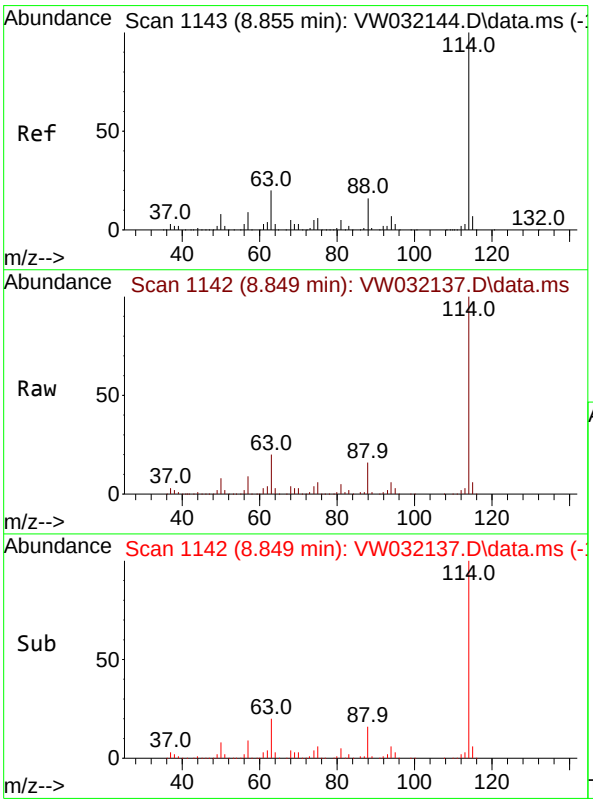
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	99.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

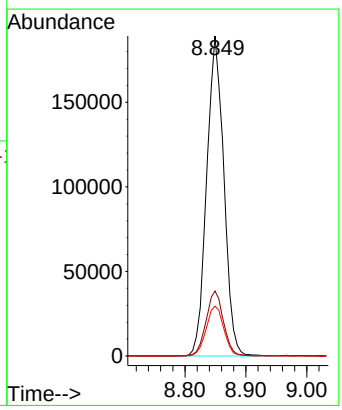
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

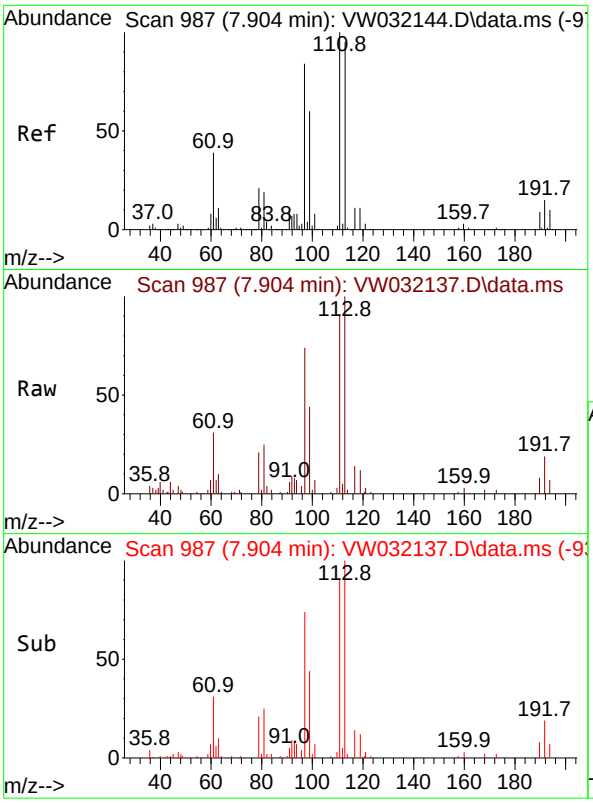


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:114 Resp: 370444

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	40.4
88	15.5	0.0	32.0

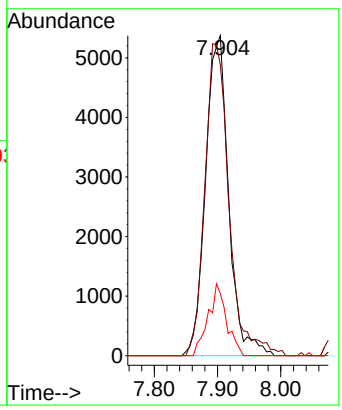




#35
Dibromofluoromethane
Concen: 5.233 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:113 Resp: 1360

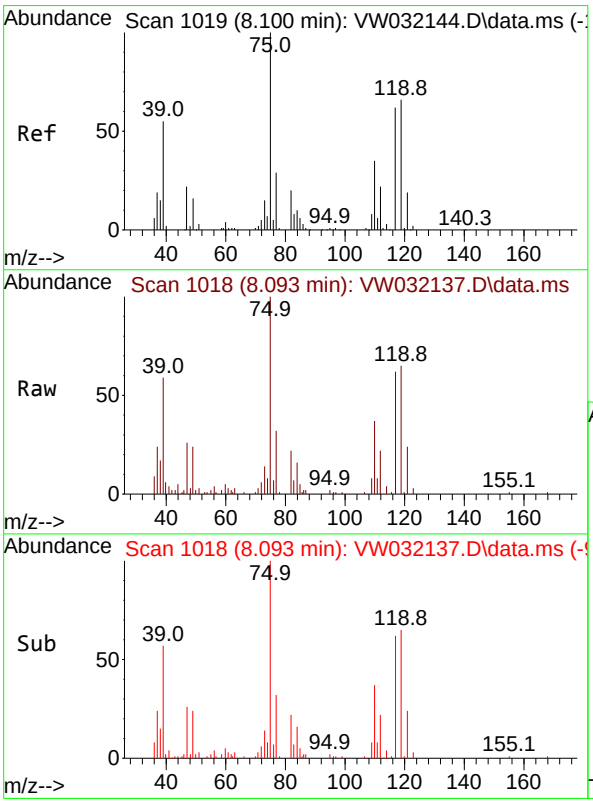
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.9	125.9
192	17.9	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

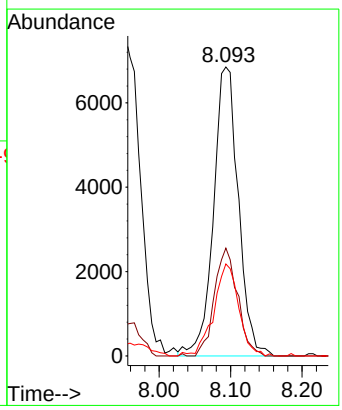
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

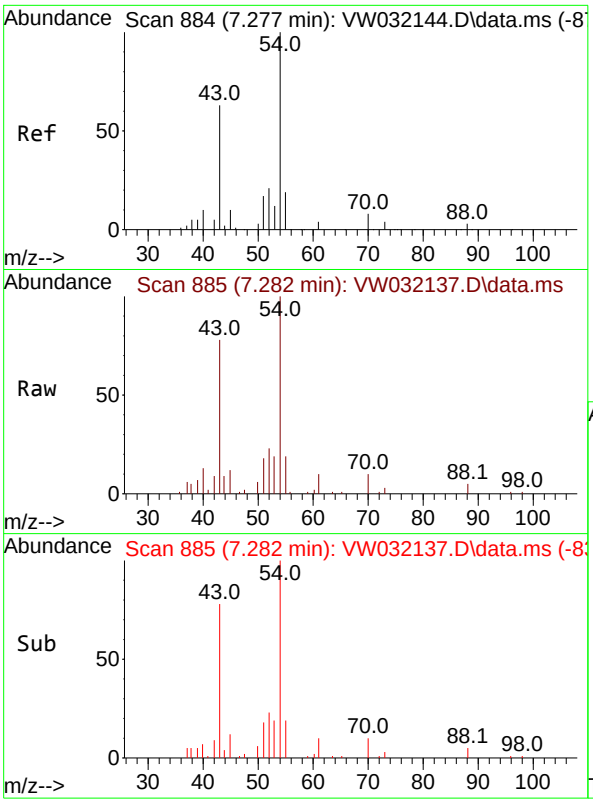


#36
1,1-Dichloropropene
Concen: 4.910 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 16546

Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.5	52.5
77	32.0	24.1	36.1

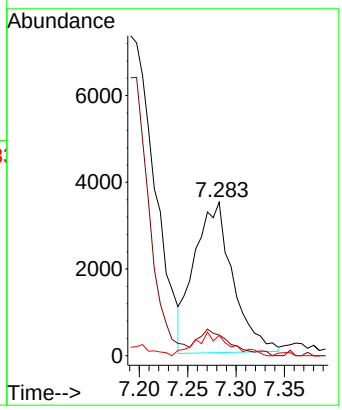




#37
Ethyl Acetate
Concen: 4.752 ug/l
RT: 7.282 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 960

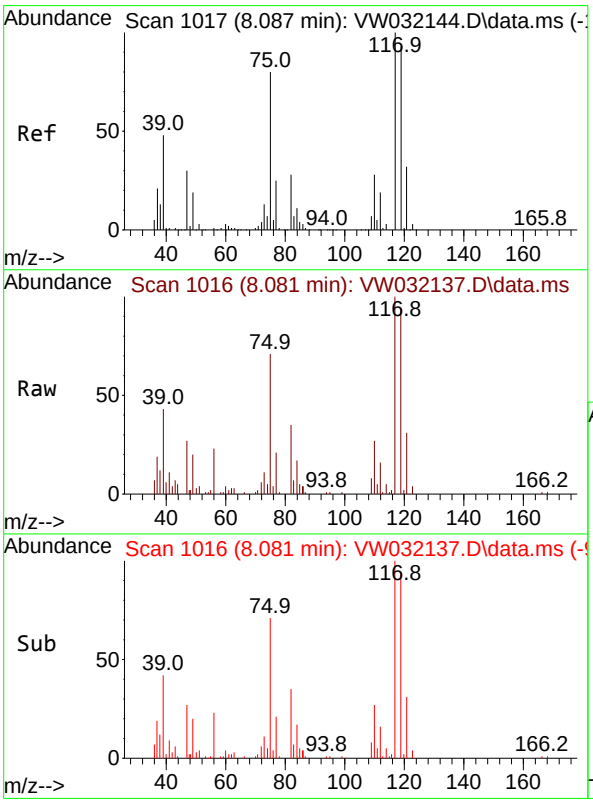
Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.3	16.9
70	13.9	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

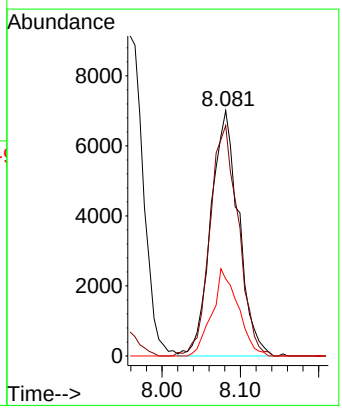
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

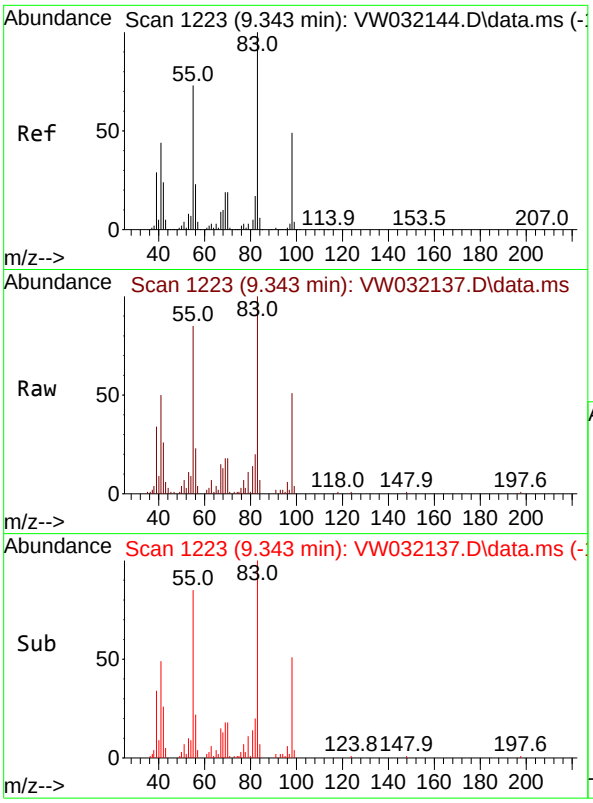


#38
Carbon Tetrachloride
Concen: 4.786 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:117 Resp: 17291

Ion	Ratio	Lower	Upper
117	100		
119	93.9	74.2	111.2
121	31.4	25.6	38.4





#39
Methylcyclohexane
Concen: 4.510 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

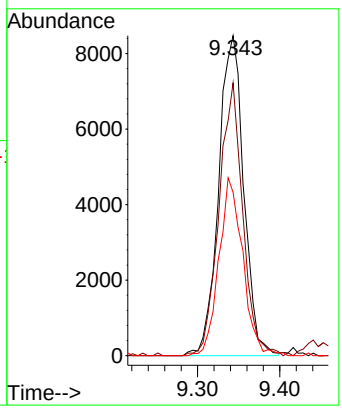
Tgt Ion: 83 Resp: 1800

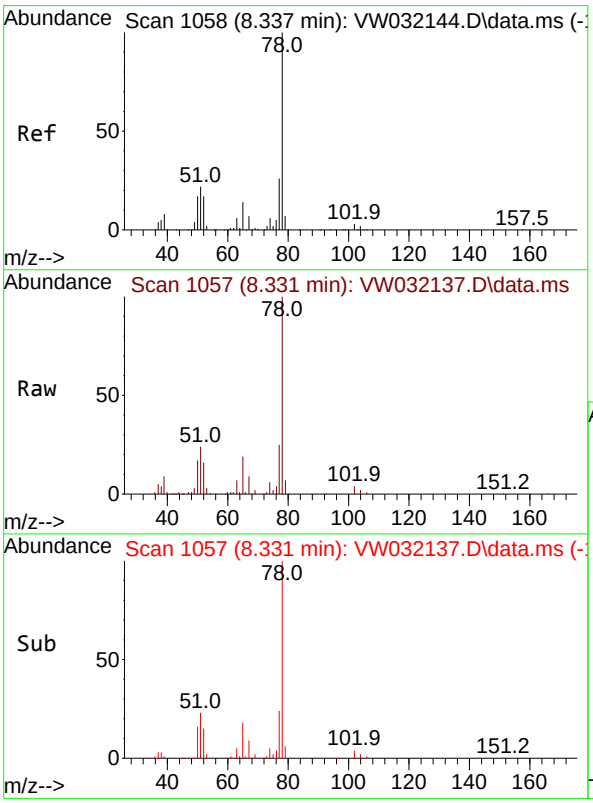
Ion	Ratio	Lower	Upper
83	100		
55	85.3	58.4	87.6
98	51.1	39.4	59.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

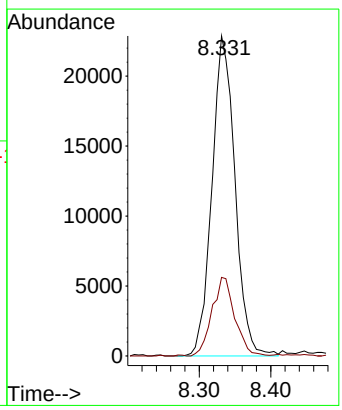


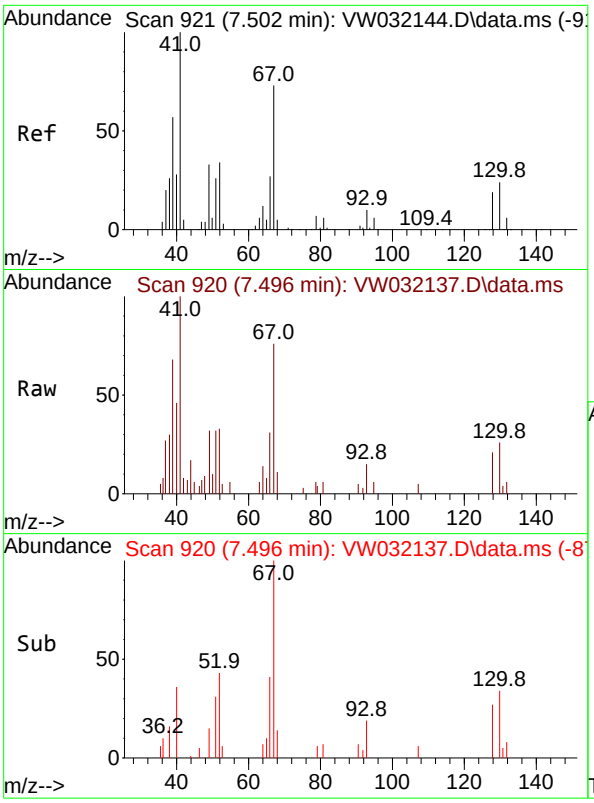


#40
Benzene
Concen: 4.912 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 78 Resp: 51163

Ion	Ratio	Lower	Upper
78	100		
77	24.2	20.7	31.1

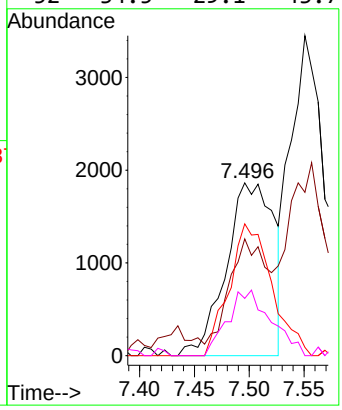




#41
Methacrylonitrile
Concen: 5.015 ug/l
RT: 7.496 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 41 Resp: 563

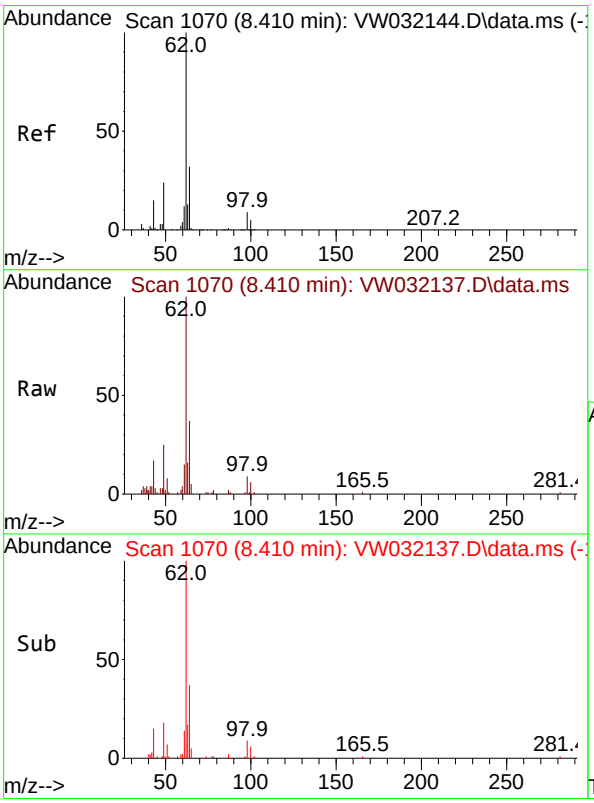
Ion	Ratio	Lower	Upper
41	100		
39	48.2	50.9	76.3#
67	68.1	65.6	98.4
52	34.5	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

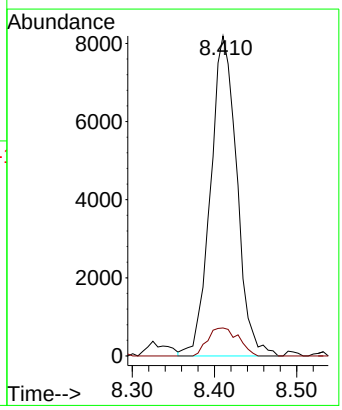
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

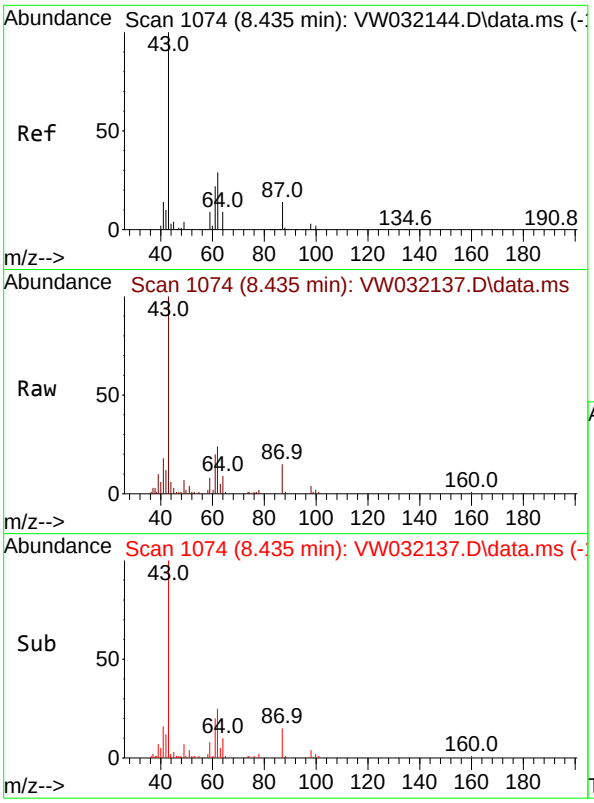


#42
1,2-Dichloroethane
Concen: 5.052 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 62 Resp: 18244

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.0





#43
Isopropyl Acetate
Concen: 4.594 ug/l
RT: 8.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

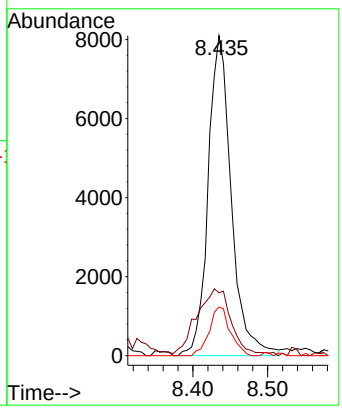
Tgt Ion: 43 Resp: 1742

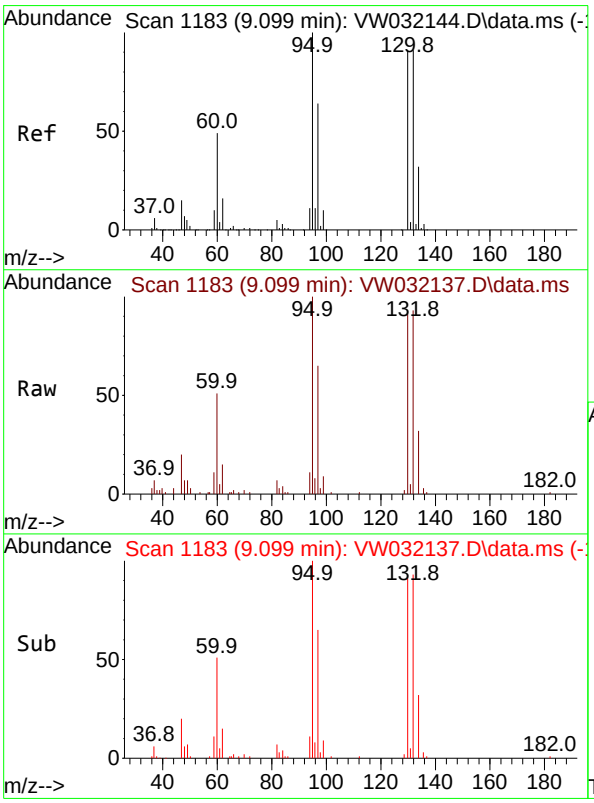
Ion	Ratio	Lower	Upper
43	100		
61	31.4	23.3	34.9
87	13.8	11.1	16.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

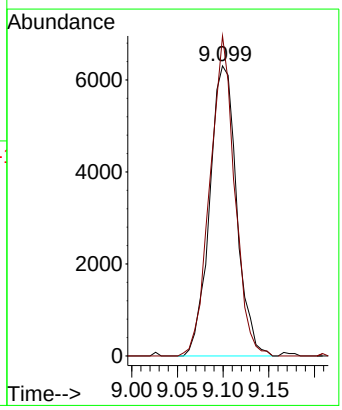


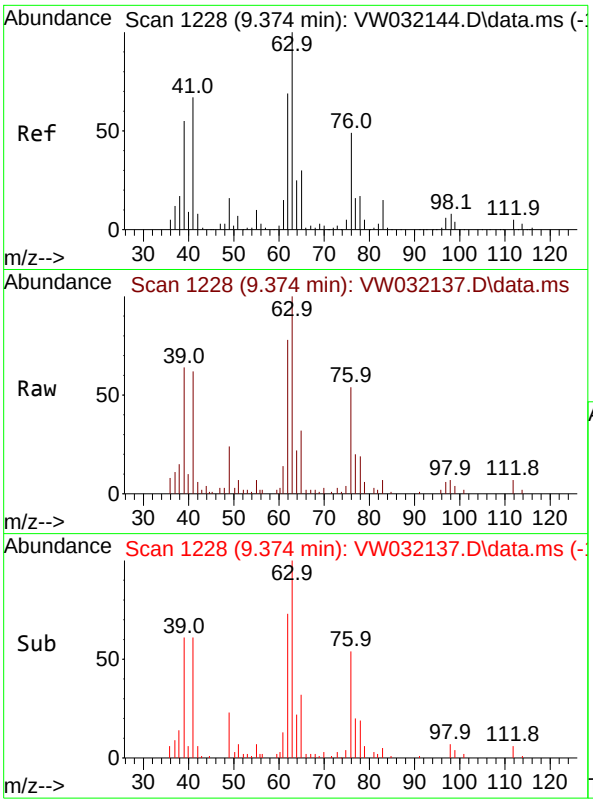


#44
Trichloroethene
Concen: 4.954 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:130 Resp: 12977

Ion	Ratio	Lower	Upper
130	100		
95	110.3	0.0	220.0

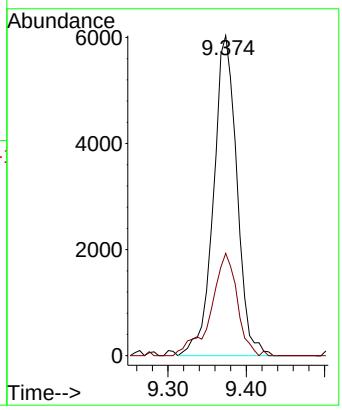




#45
1,2-Dichloropropane
Concen: 4.983 ug/l
RT: 9.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 63 Resp: 1251

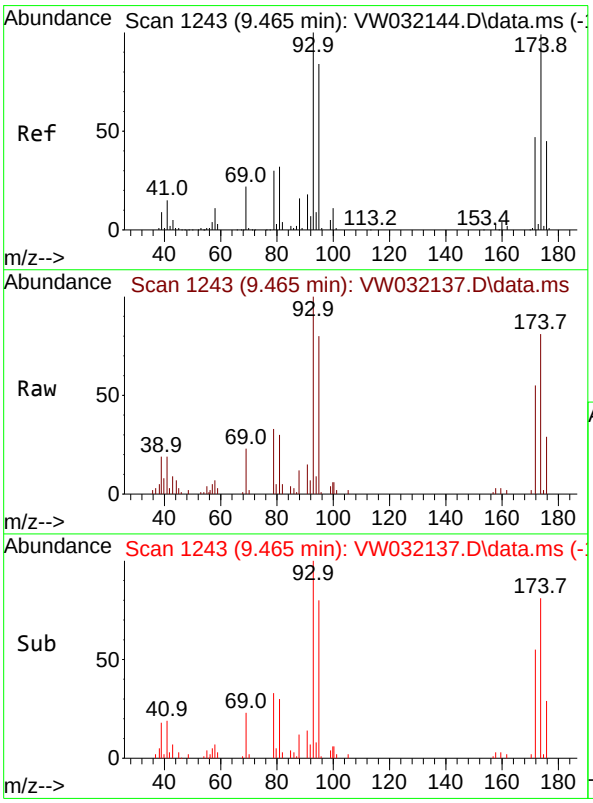
Ion	Ratio	Lower	Upper
63	100		
65	32.0	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

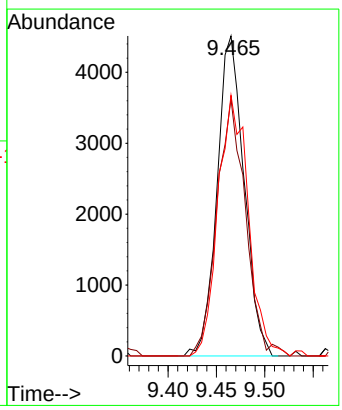
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

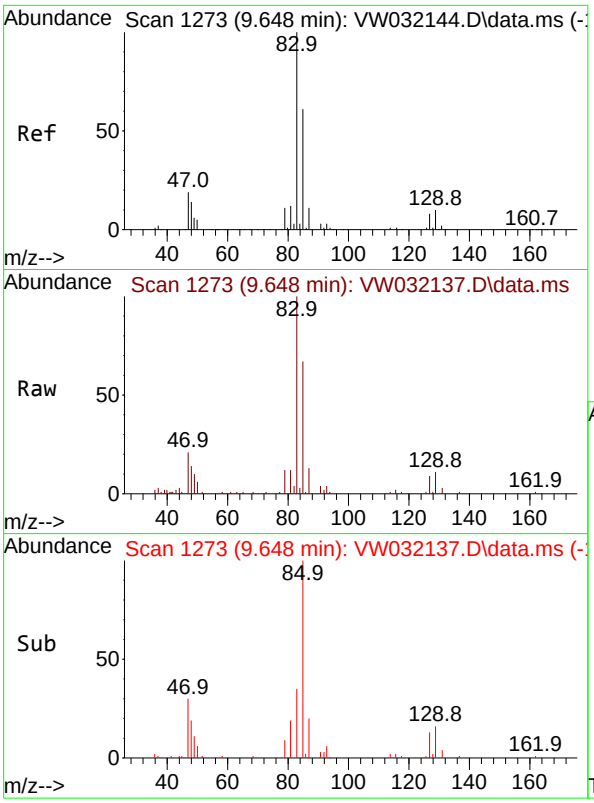


#46
Dibromomethane
Concen: 4.962 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 93 Resp: 8740

Ion	Ratio	Lower	Upper
93	100		
95	85.4	67.4	101.2
174	90.9	75.7	113.5

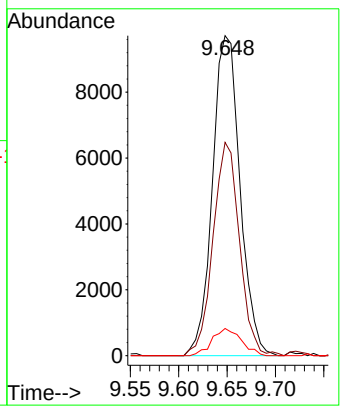




#47
Bromodichloromethane
Concen: 4.811 ug/l
RT: 9.648 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 83 Resp: 1925

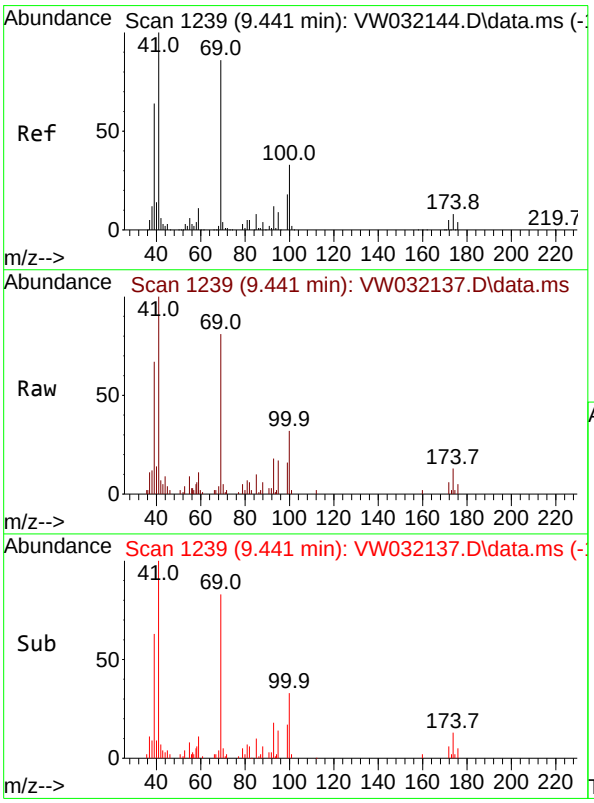
Ion	Ratio	Lower	Upper
83	100		
85	66.6	48.7	73.1
127	8.5	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

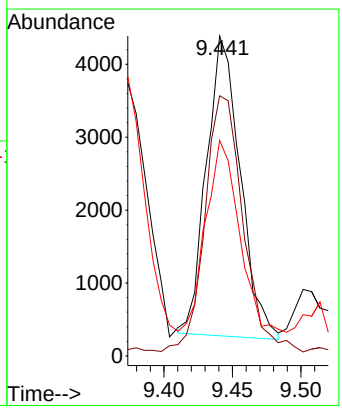
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

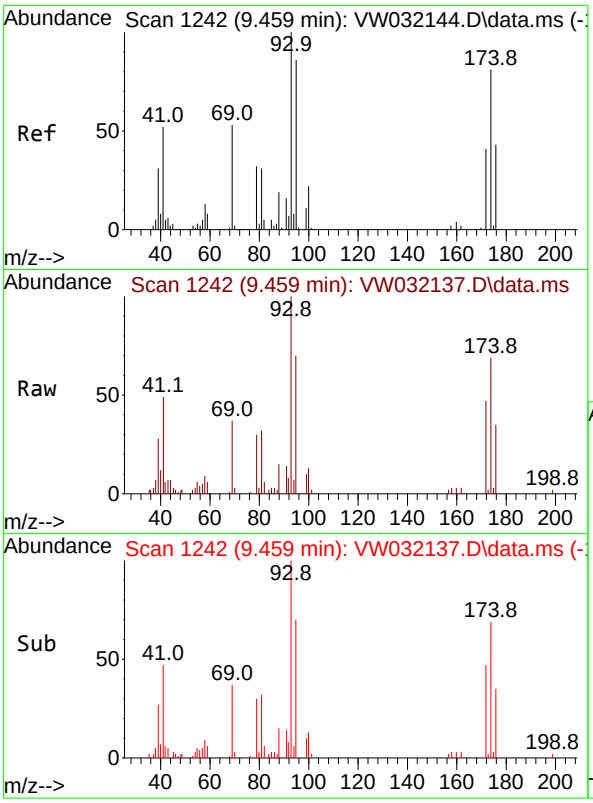


#48
Methyl methacrylate
Concen: 4.036 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 41 Resp: 7054

Ion	Ratio	Lower	Upper
41	100		
69	101.0	71.5	107.3
39	77.8	55.9	83.9

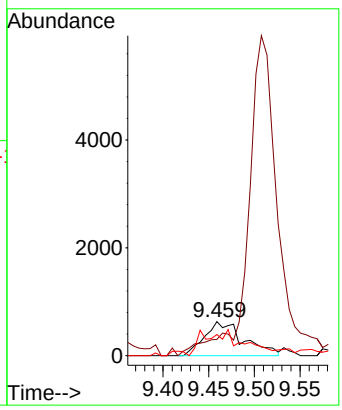




#49
1,4-Dioxane
Concen: 88.770 ug/l
RT: 9.459 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 88 Resp: 188

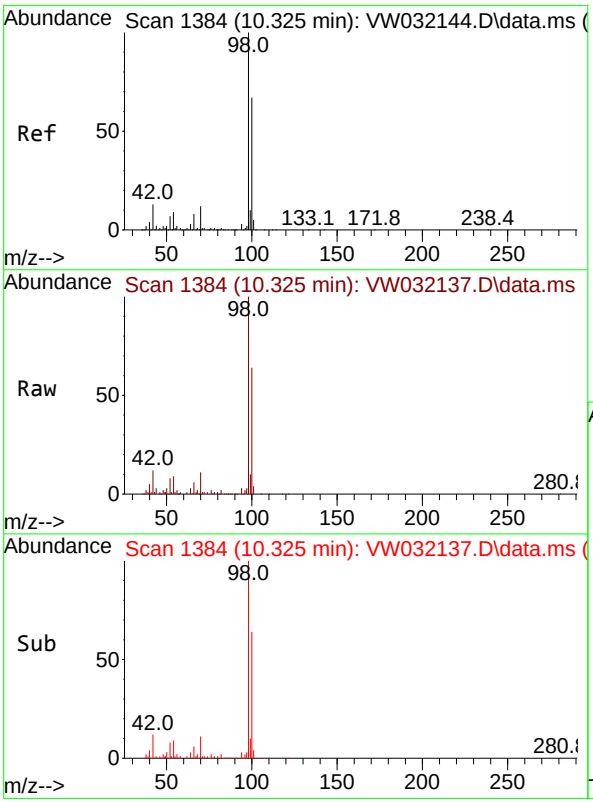
Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.0	27.0#
58	14.2	55.4	83.0#



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

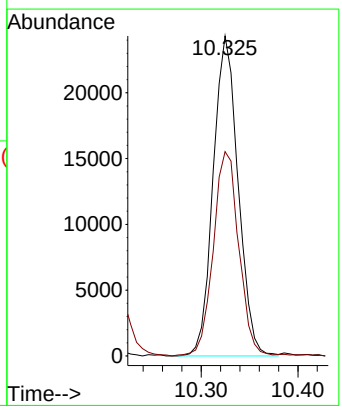
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

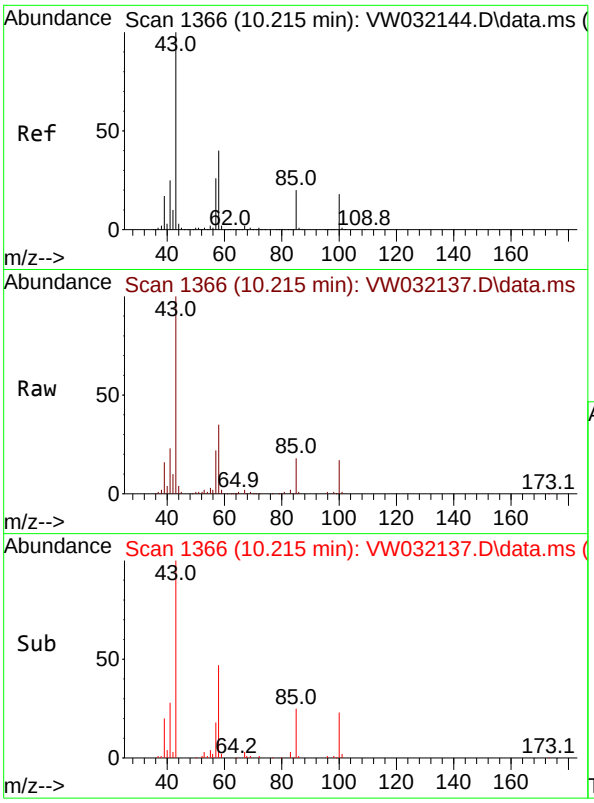


#50
Toluene-d8
Concen: 4.764 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 98 Resp: 43464

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.4	77.2

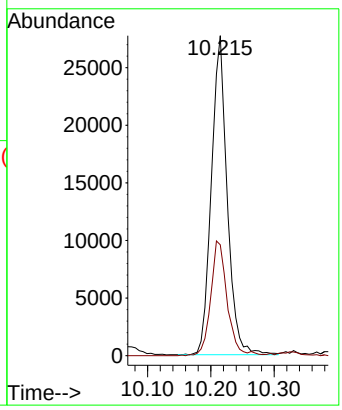




#51
4-Methyl-2-Pentanone
Concen: 22.475 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 4812

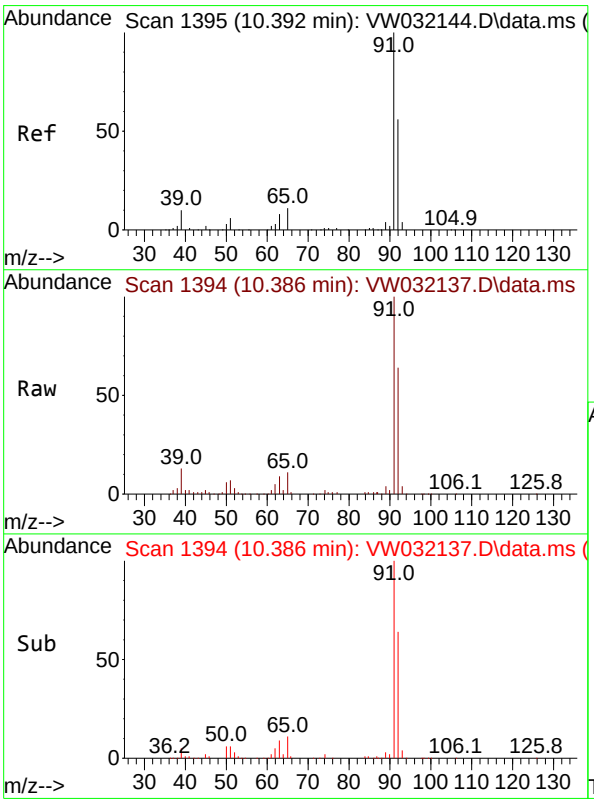
Ion	Ratio	Lower	Upper
43	100		
58	37.3	32.0	48.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

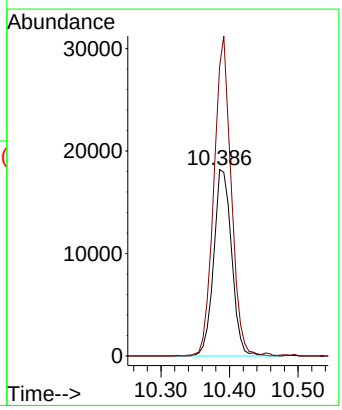
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

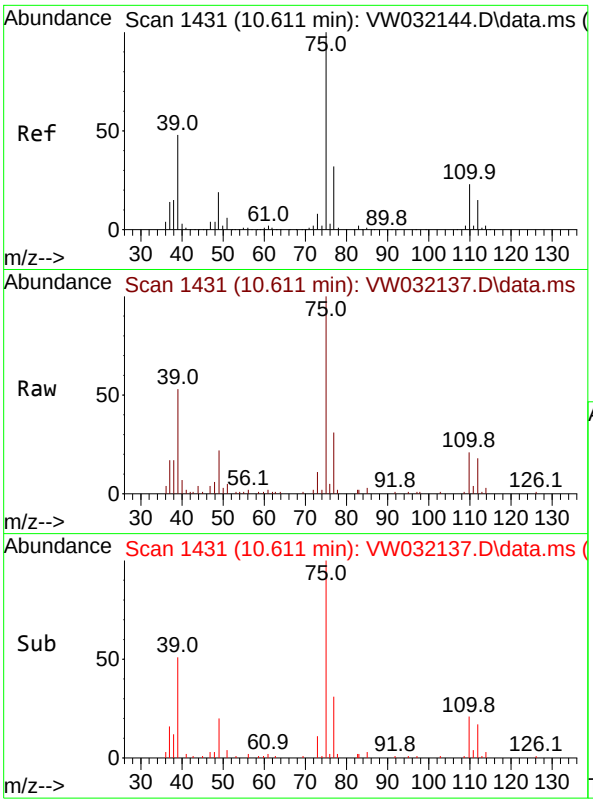


#52
Toluene
Concen: 4.841 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 92 Resp: 32955

Ion	Ratio	Lower	Upper
92	100		
91	165.2	137.5	206.3

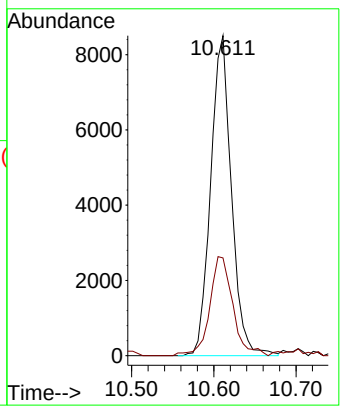




#53
t-1,3-Dichloropropene
Concen: 4.229 ug/l
RT: 10.611 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 1493

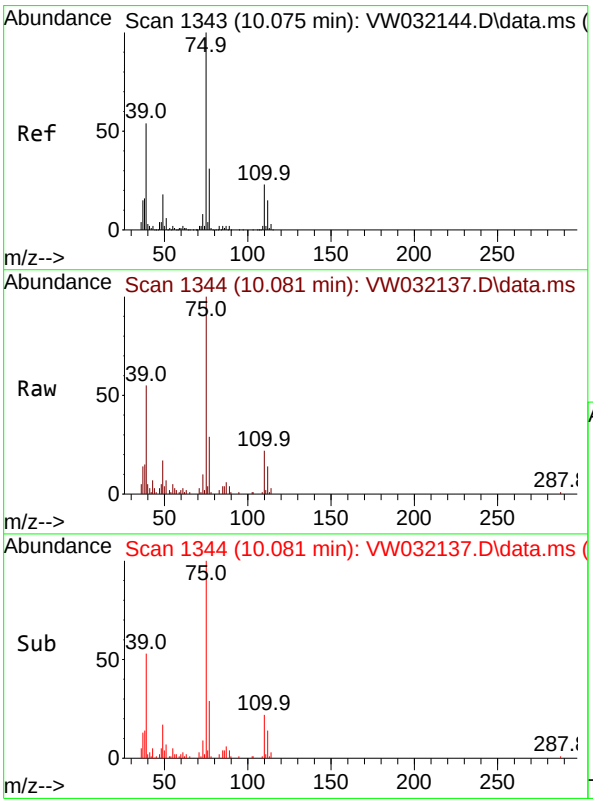
Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.6	38.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

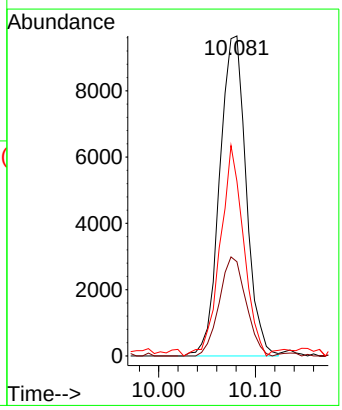
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

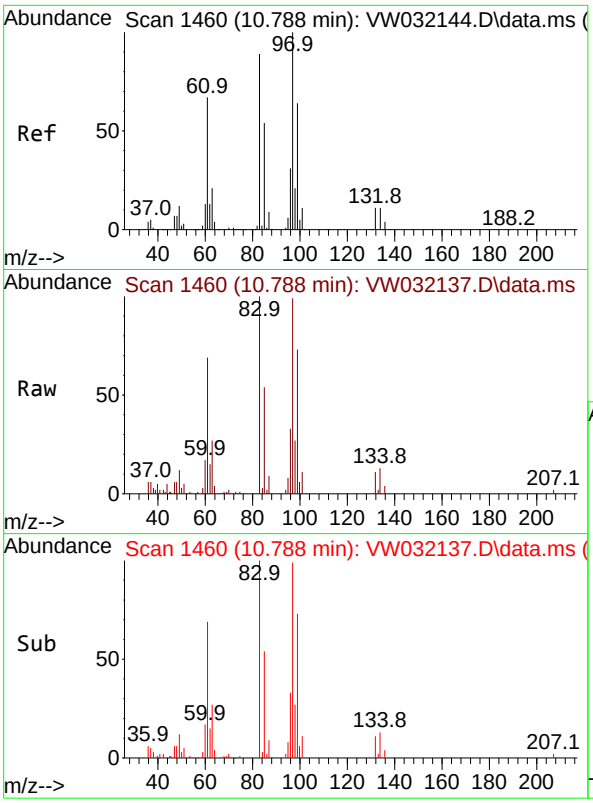


#54
cis-1,3-Dichloropropene
Concen: 4.541 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 18295

Ion	Ratio	Lower	Upper
75	100		
77	29.4	25.1	37.7
39	52.9	43.2	64.8

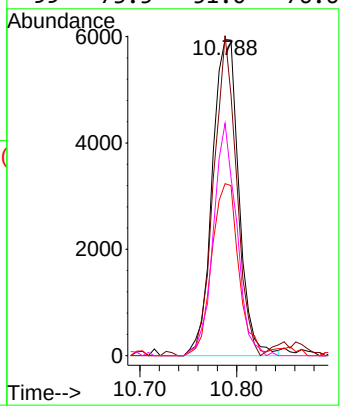




#55
1,1,2-Trichloroethane
Concen: 4.949 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 97 Resp: 1133

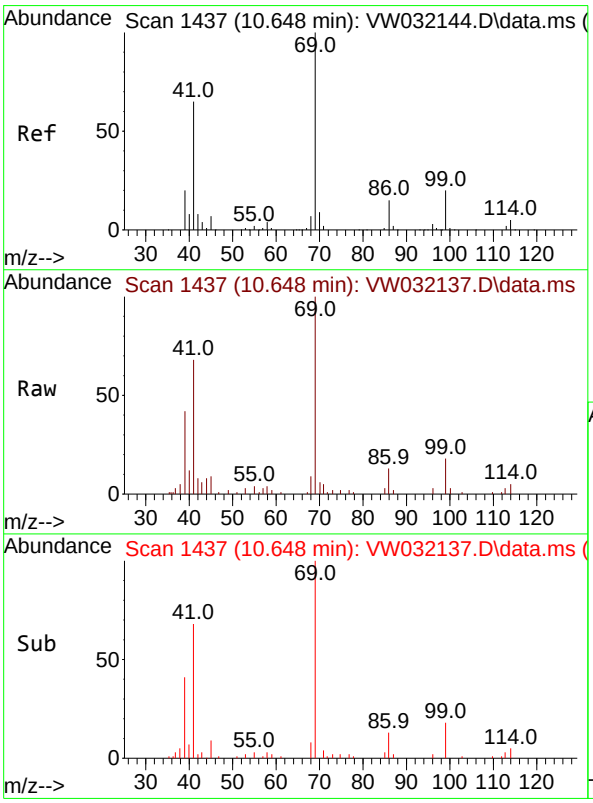
Ion	Ratio	Lower	Upper
97	100		
83	101.2	71.0	106.6
85	54.4	42.8	64.2
99	73.5	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

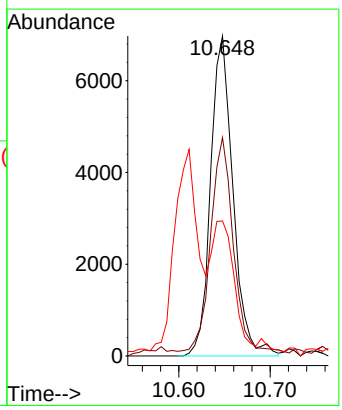
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

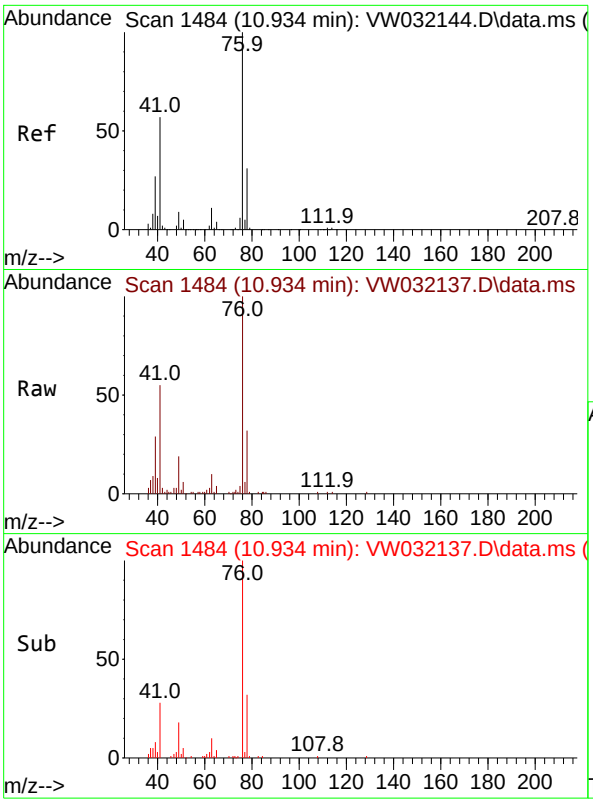


#56
Ethyl methacrylate
Concen: 4.058 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 69 Resp: 11883

Ion	Ratio	Lower	Upper
69	100		
41	68.8	53.2	79.8
39	38.3	32.9	49.3

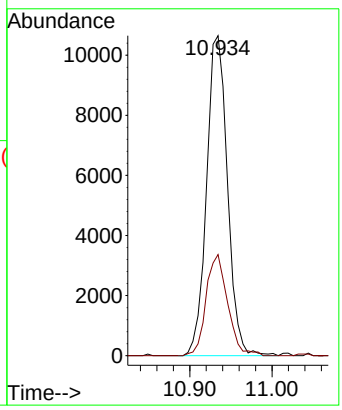




#57
1,3-Dichloropropane
Concen: 4.897 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 76 Resp: 1878

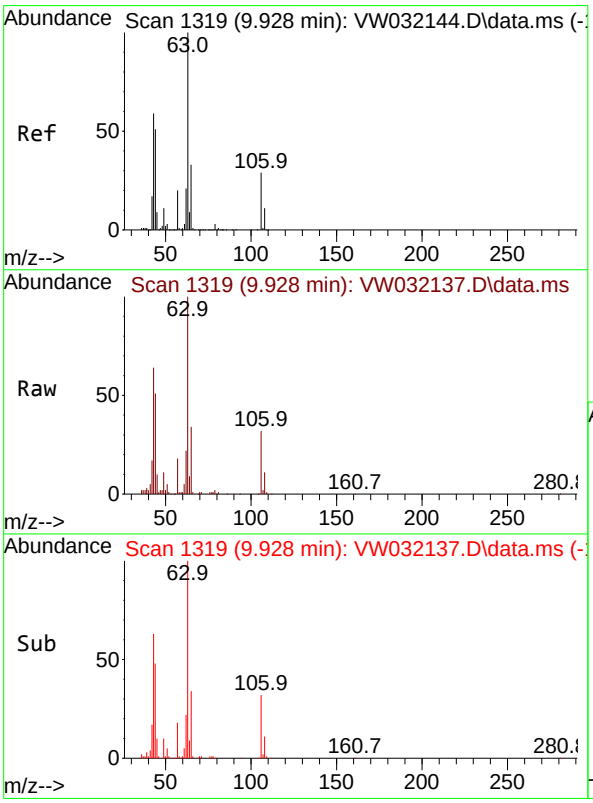
Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

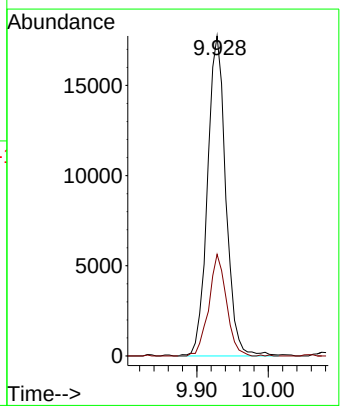
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

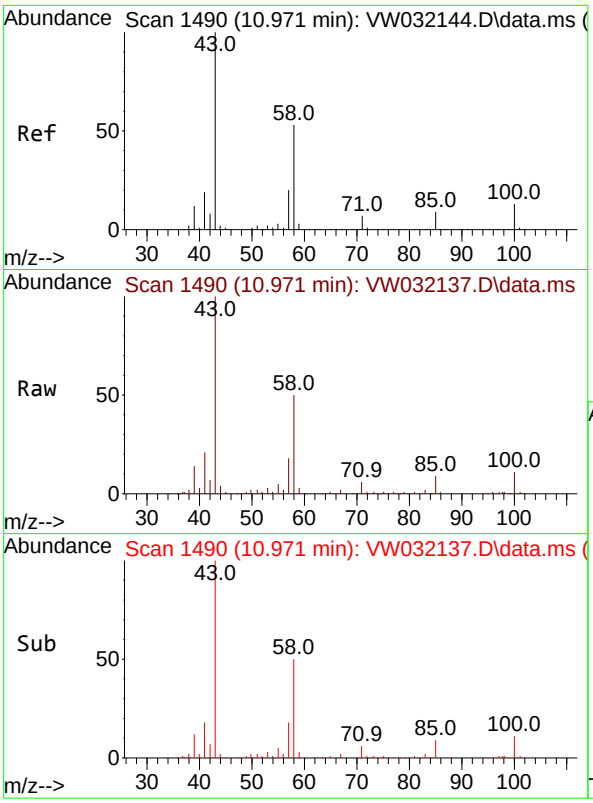


#58
2-Chloroethyl Vinyl ether
Concen: 20.226 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 63 Resp: 31610

Ion	Ratio	Lower	Upper
63	100		
106	30.5	24.3	36.5

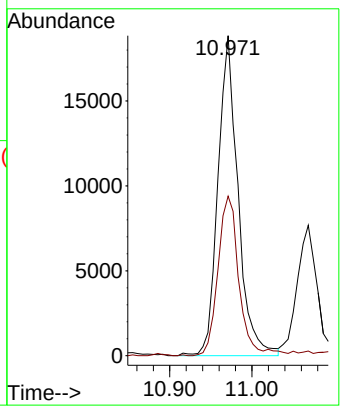




#59
2-Hexanone
Concen: 21.520 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 3204

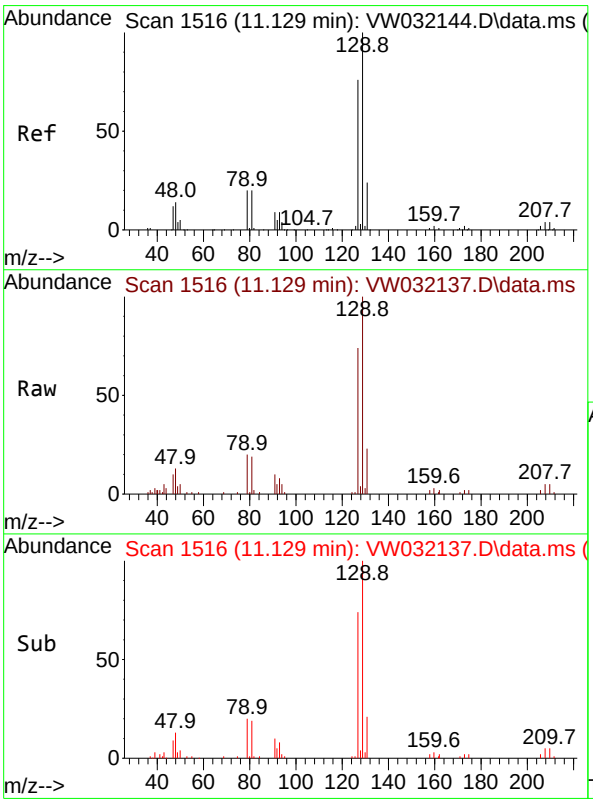
Ion	Ratio	Lower	Upper
43	100		
58	50.6	27.5	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

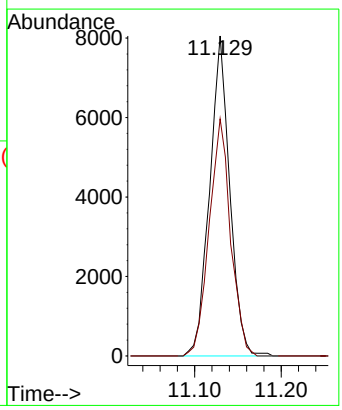
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

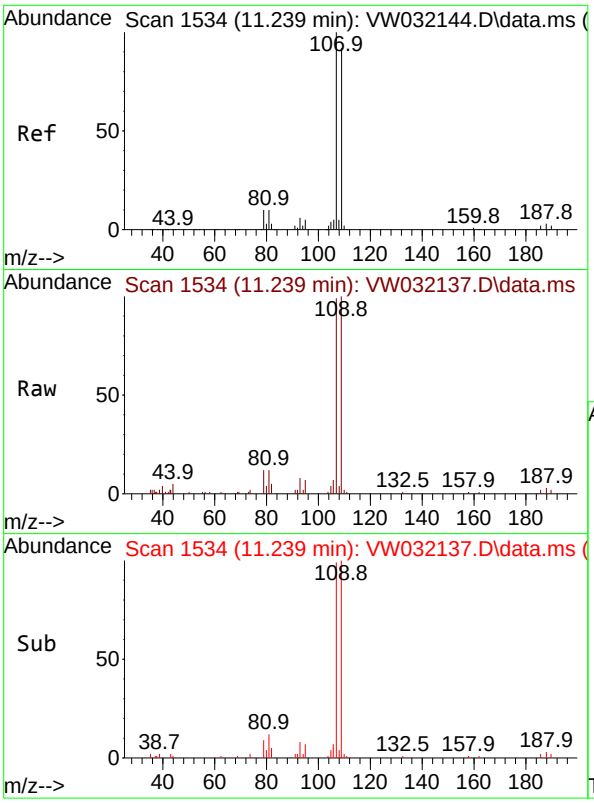


#60
Dibromochloromethane
Concen: 4.696 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:129 Resp: 13014

Ion	Ratio	Lower	Upper
129	100		
127	78.6	38.1	114.5

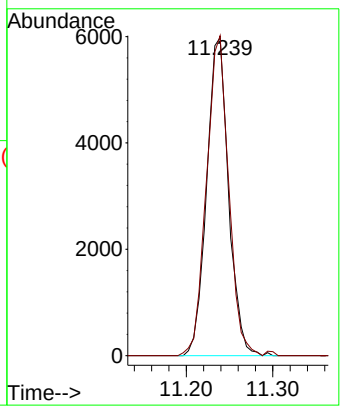




#61
1,2-Dibromoethane
Concen: 4.662 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:107 Resp: 1049

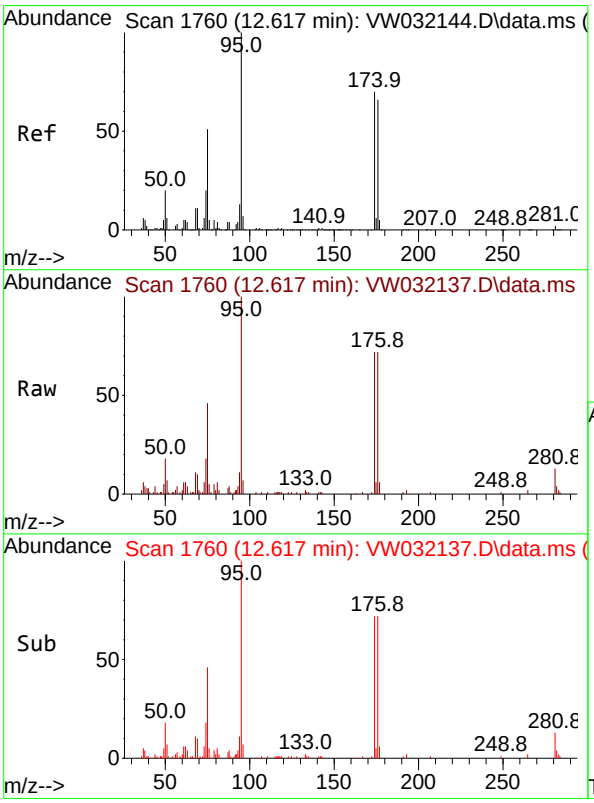
Ion	Ratio	Lower	Upper
107	100		
109	101.7	74.5	111.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

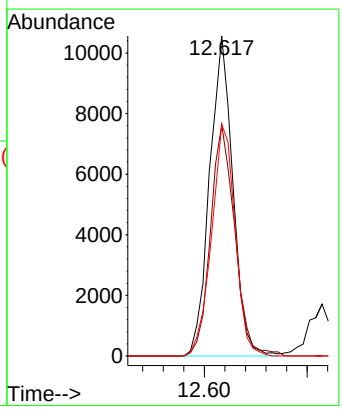
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

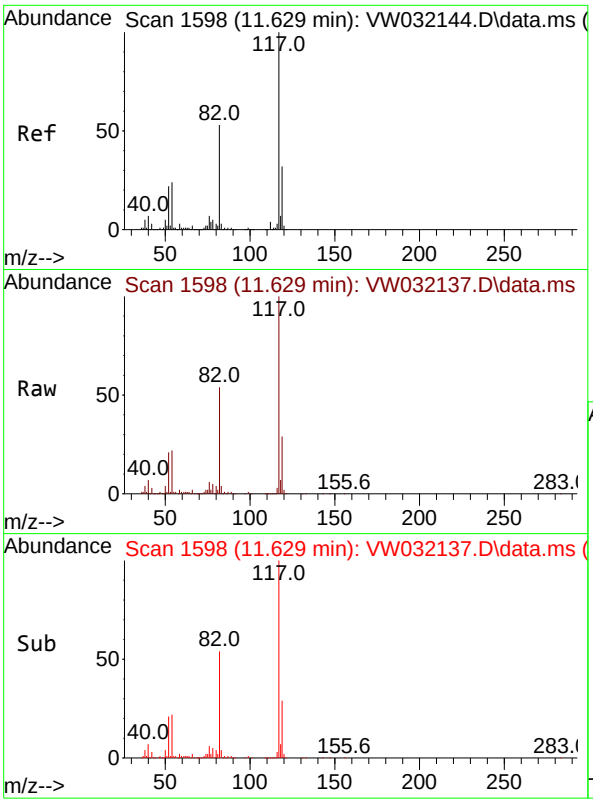


#62
4-Bromofluorobenzene
Concen: 4.914 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 95 Resp: 16578

Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	145.6
176	73.3	0.0	140.8

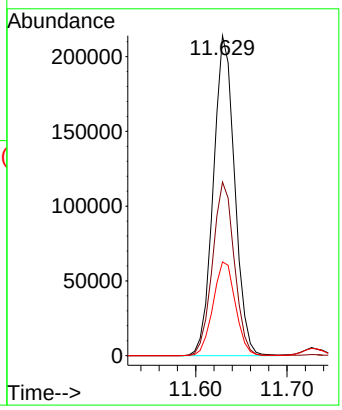




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:117 Resp: 34677

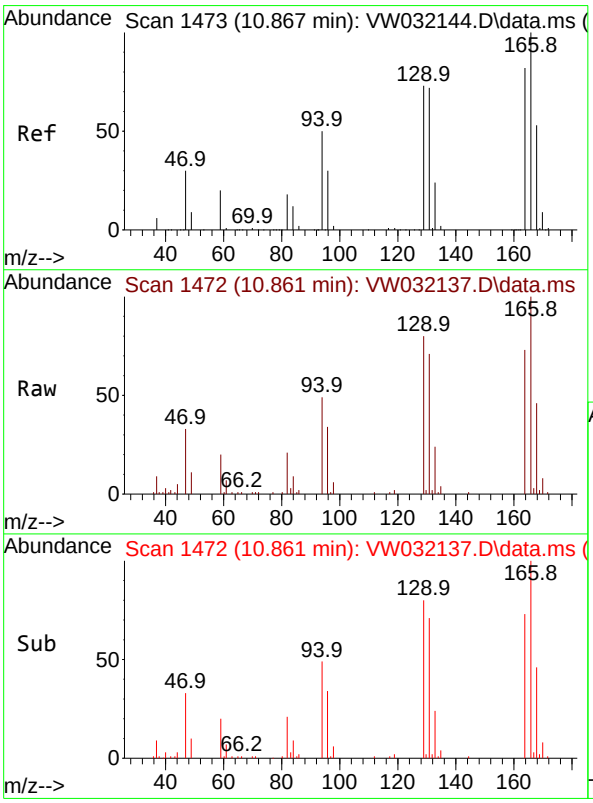
Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.7	64.1
119	29.3	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

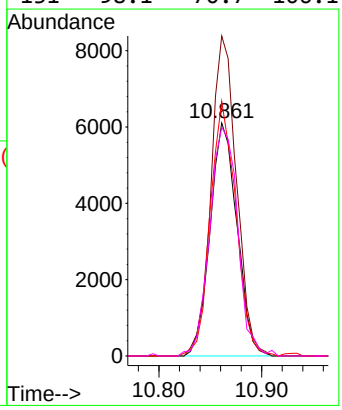
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

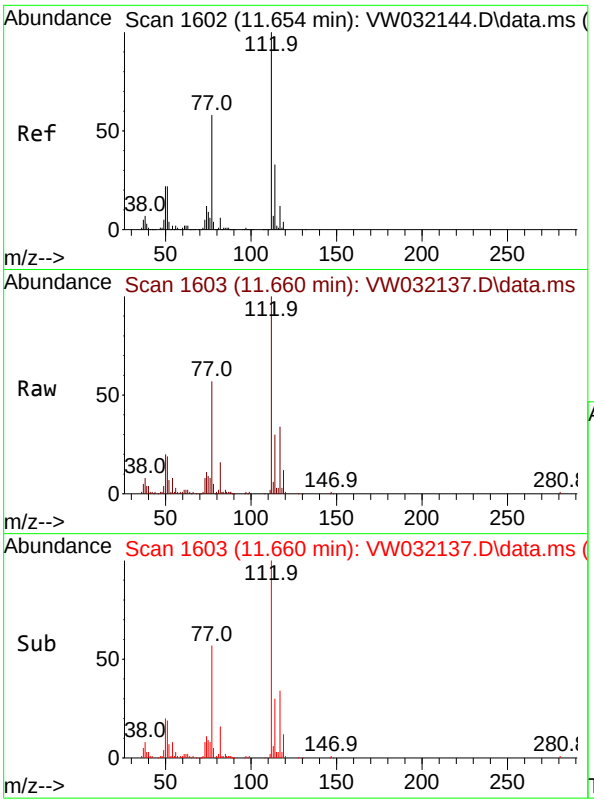


#64
Tetrachloroethene
Concen: 4.832 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:164 Resp: 11029

Ion	Ratio	Lower	Upper
164	100		
166	137.3	97.5	146.3
129	109.3	71.2	106.8#
131	98.1	70.7	106.1

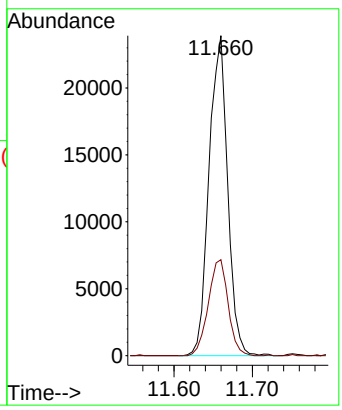




#65
Chlorobenzene
Concen: 4.994 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:112 Resp: 3941

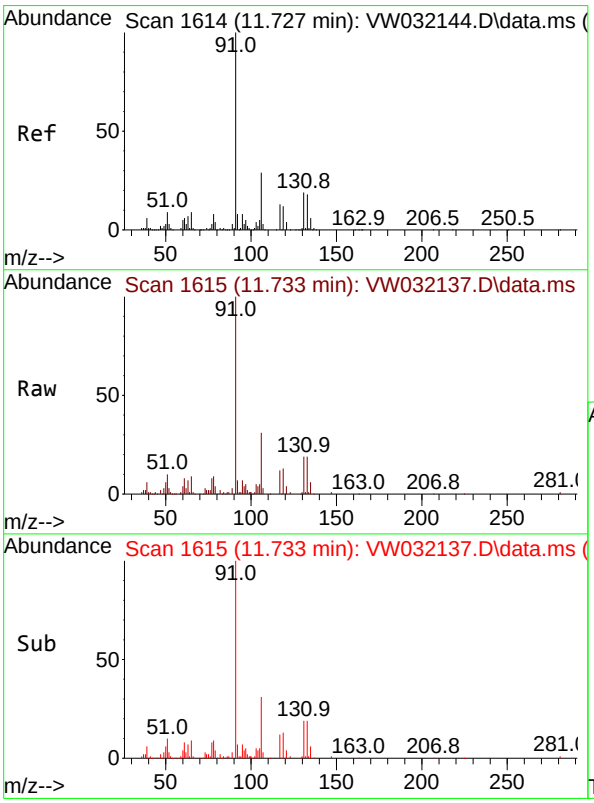
Ion	Ratio	Lower	Upper
112	100		
114	30.0	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

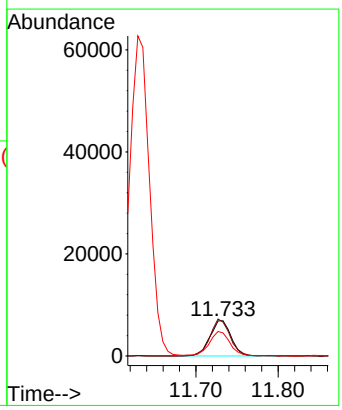
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

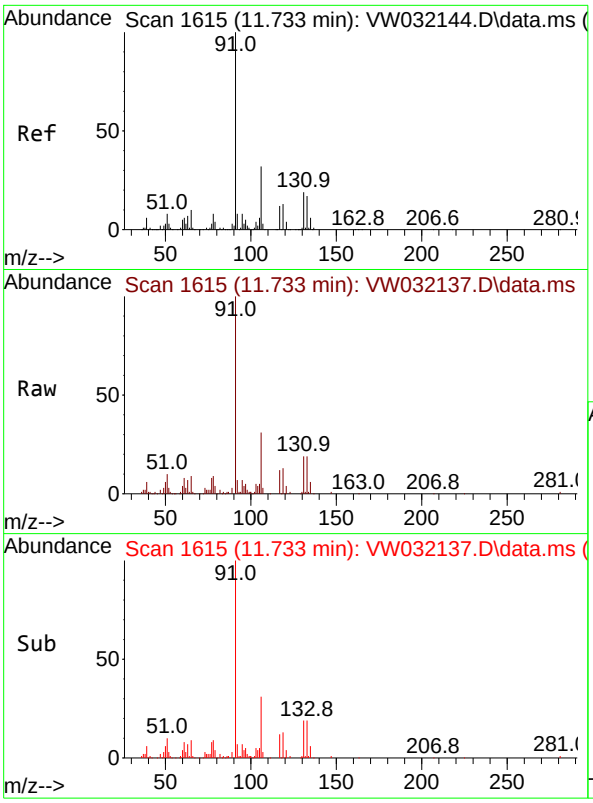


#66
1,1,1,2-Tetrachloroethane
Concen: 4.726 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:131 Resp: 12280

Ion	Ratio	Lower	Upper
131	100		
133	99.4	47.7	143.1
119	68.9	32.8	98.3

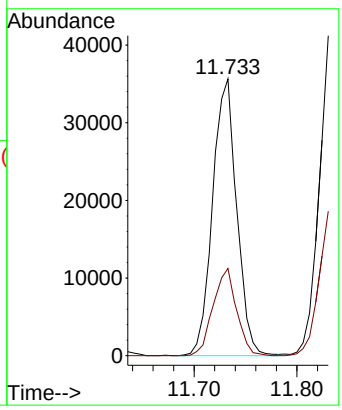




#67
Ethyl Benzene
Concen: 4.493 ug/l
RT: 11.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 91 Resp: 5810

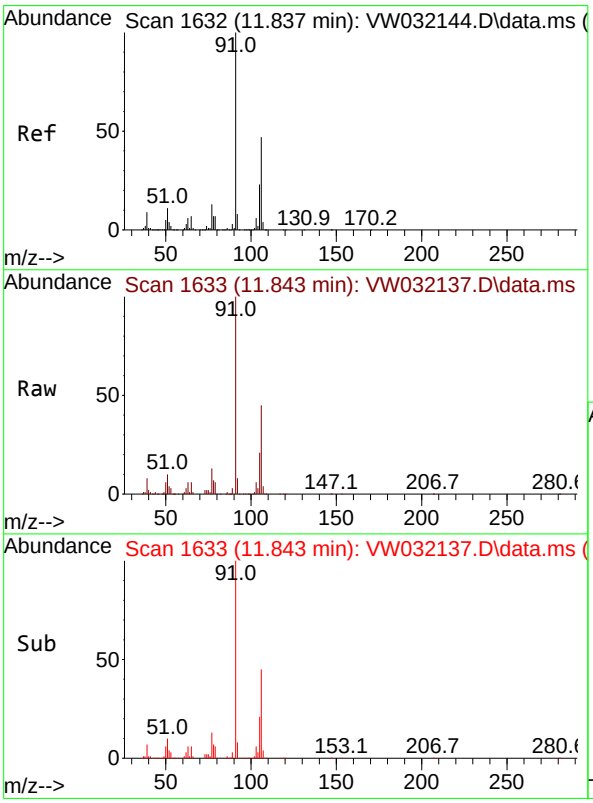
Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

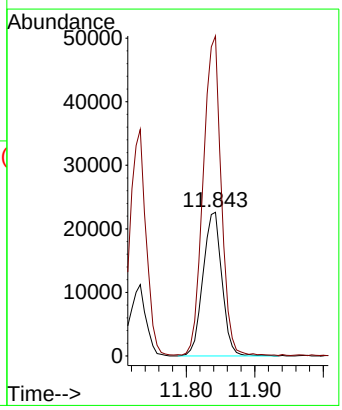
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

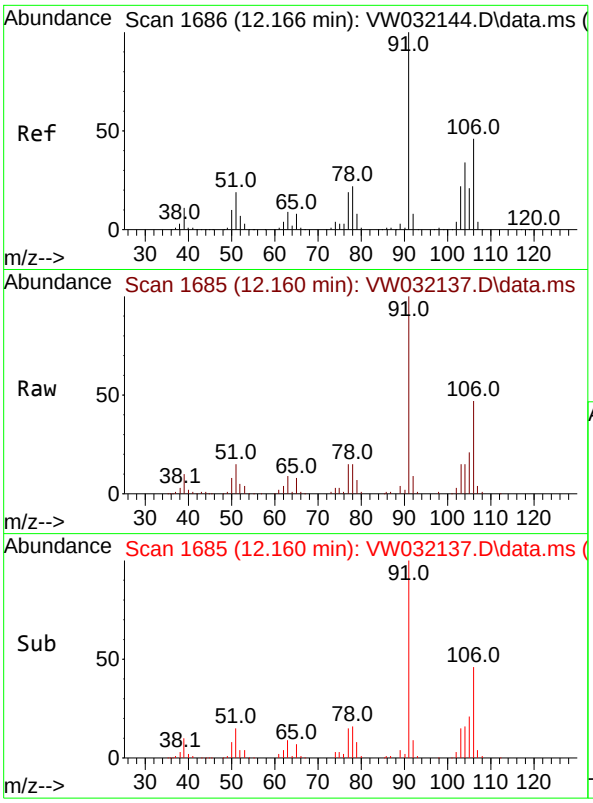


#68
m/p-Xylenes
Concen: 8.737 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:106 Resp: 43484

Ion	Ratio	Lower	Upper
106	100		
91	211.8	164.2	246.2





#69
o-Xylene
Concen: 4.276 ug/l
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

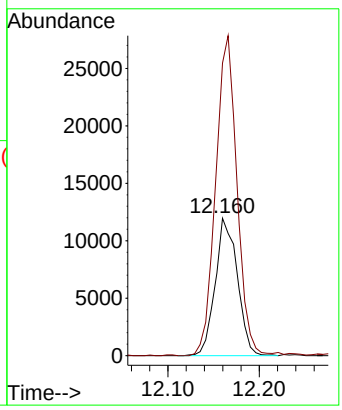
Tgt Ion:106 Resp: 2013

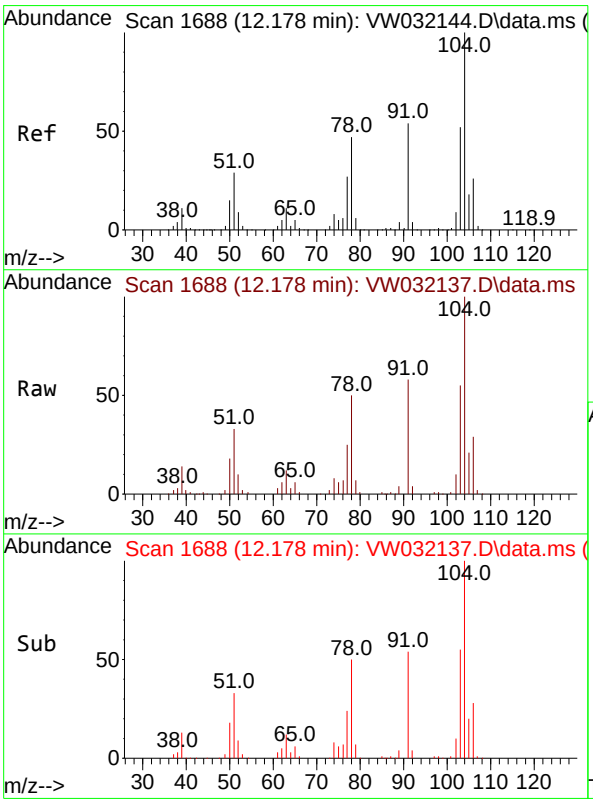
Ion	Ratio	Lower	Upper
106	100		
91	226.0	108.7	326.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

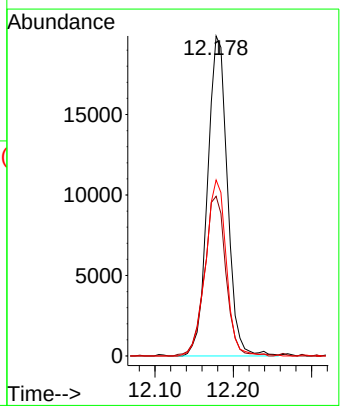


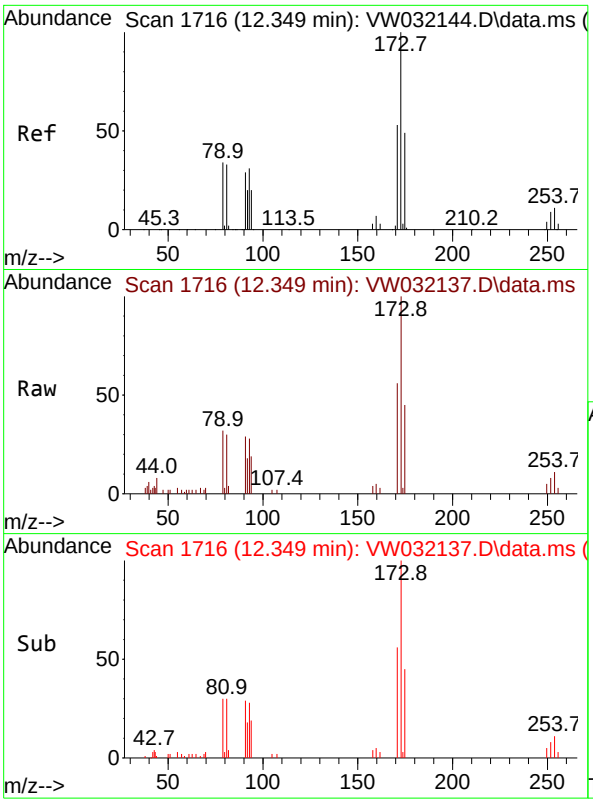


#70
Styrene
Concen: 4.204 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:104 Resp: 34891

Ion	Ratio	Lower	Upper
104	100		
78	54.1	41.6	62.4
103	57.3	44.8	67.2

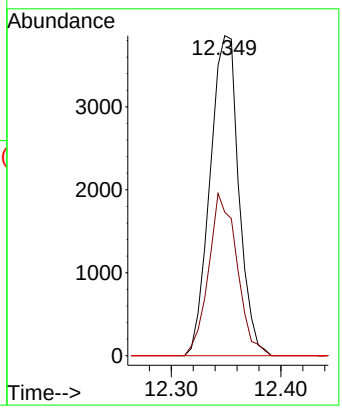




#71
Bromoform
Concen: 4.556 ug/l
RT: 12.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:173 Resp: 703

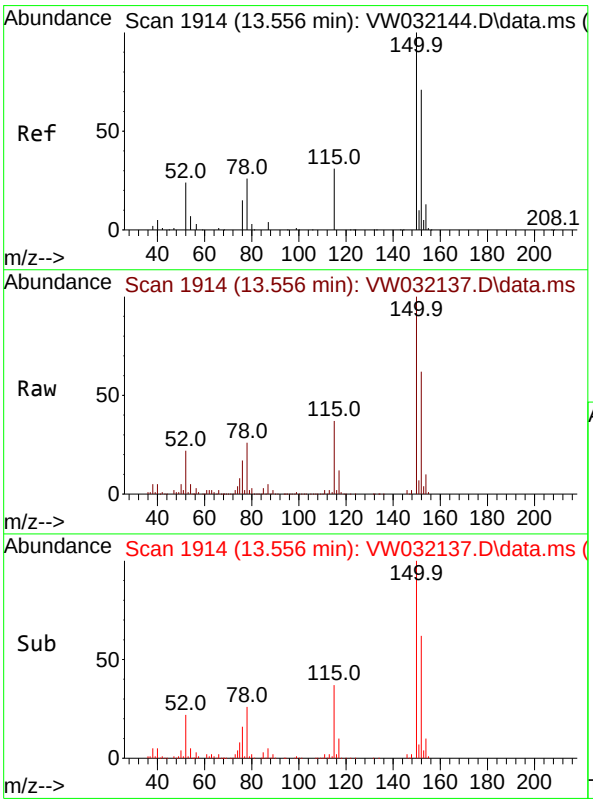
Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.9	74.7
254	0.0	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

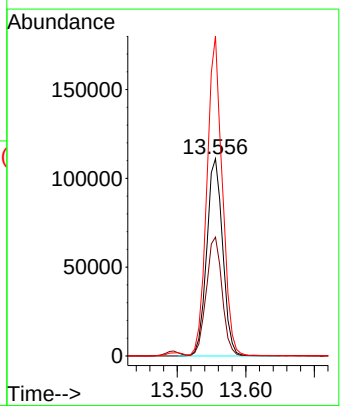
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

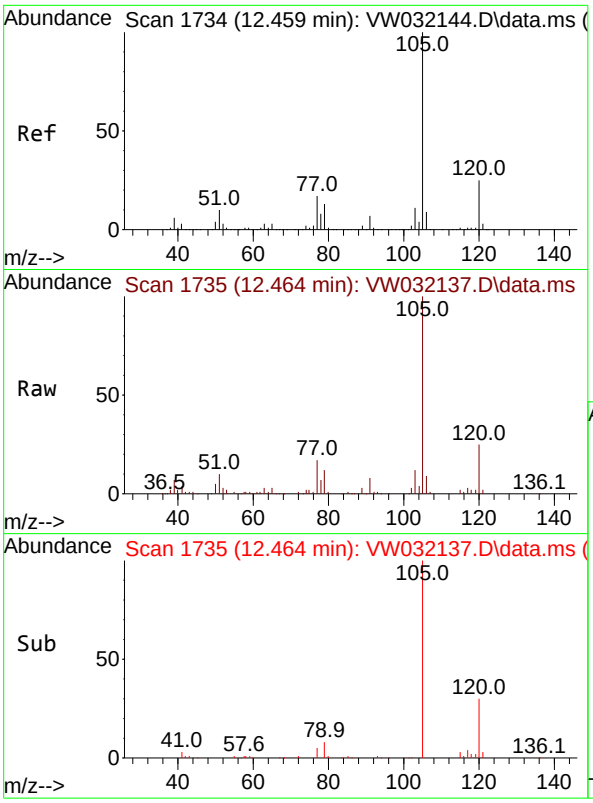


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:152 Resp: 180065

Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.8	95.4
150	155.8	0.0	343.0

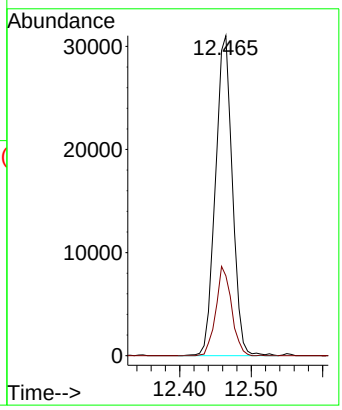




#73
Isopropylbenzene
Concen: 4.170 ug/l
RT: 12.464 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:105 Resp: 5101

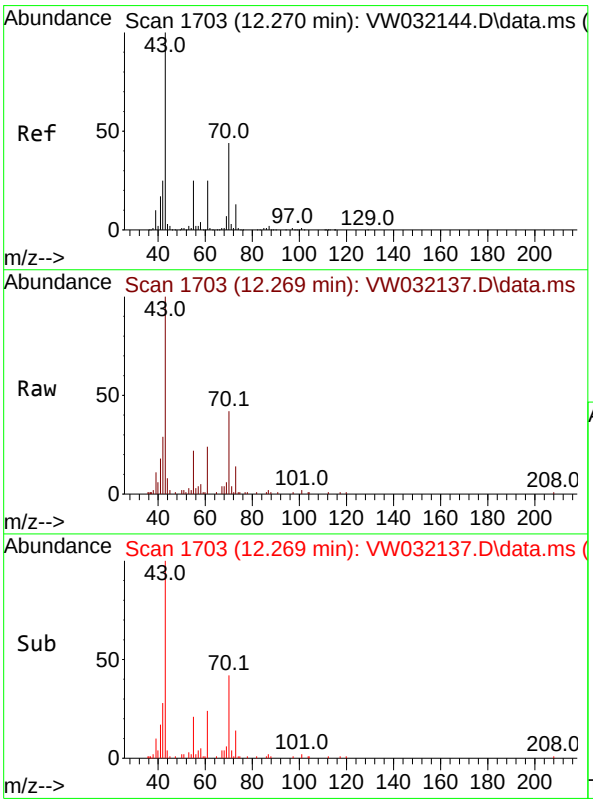
Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	38.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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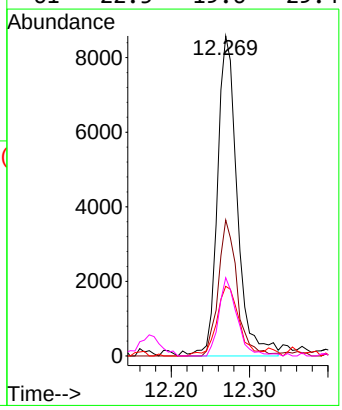
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

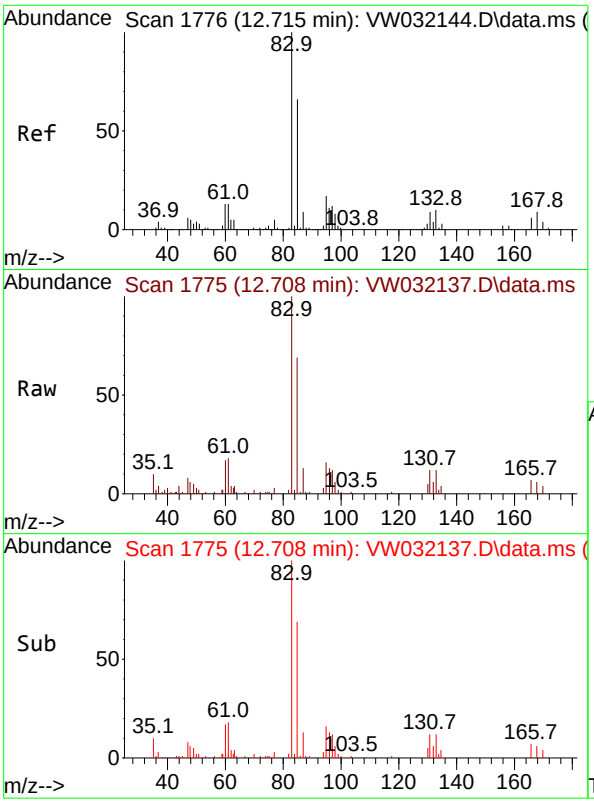


#74
N-amyl acetate
Concen: 4.241 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 43 Resp: 15062

Ion	Ratio	Lower	Upper
43	100		
70	40.4	35.3	52.9
55	24.7	19.9	29.9
61	22.5	19.6	29.4

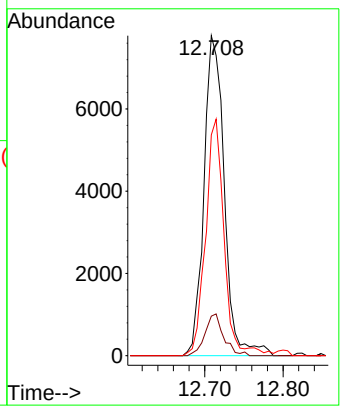




#75
1,1,2,2-Tetrachloroethane
Concen: 4.818 ug/l
RT: 12.708 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 83 Resp: 1400

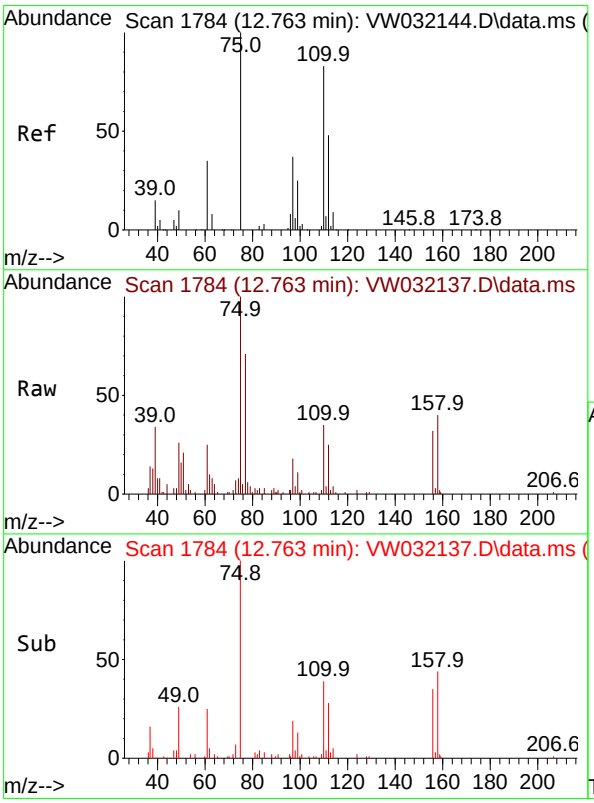
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.1	15.4
85	65.5	32.2	96.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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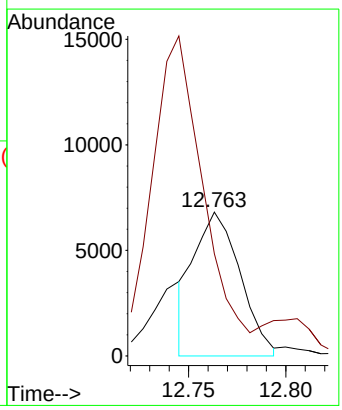
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

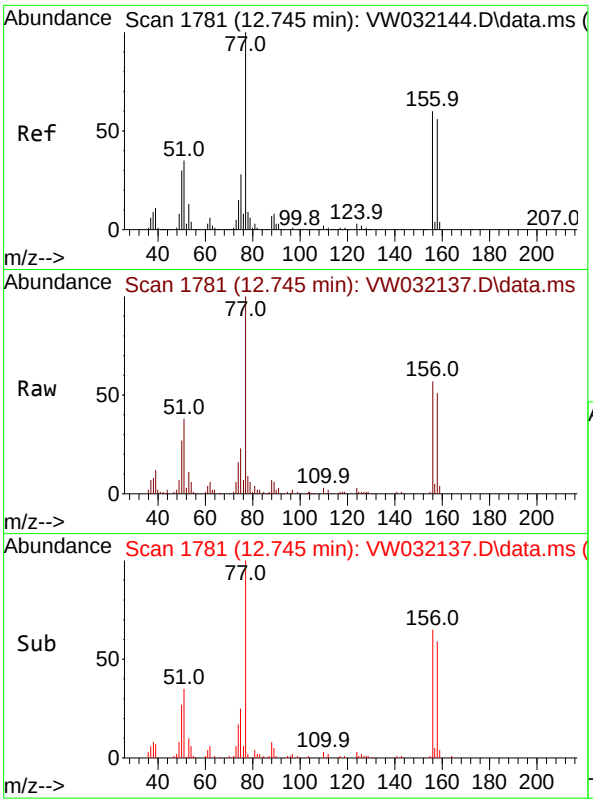


#76
1,2,3-Trichloropropane
Concen: 4.835 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 11273

Ion	Ratio	Lower	Upper
75	100		
77	250.1	141.7	425.1

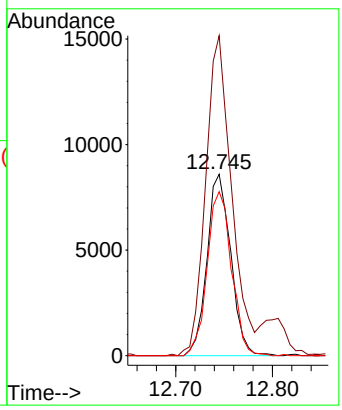




#77
Bromobenzene
Concen: 4.702 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:156 Resp: 1466

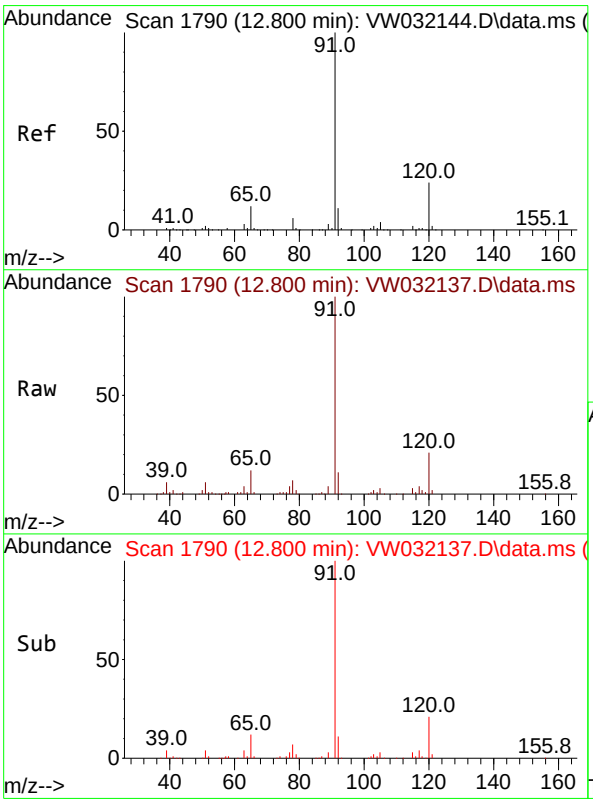
Ion	Ratio	Lower	Upper
156	100		
77	192.2	98.6	295.7
158	92.7	48.4	145.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

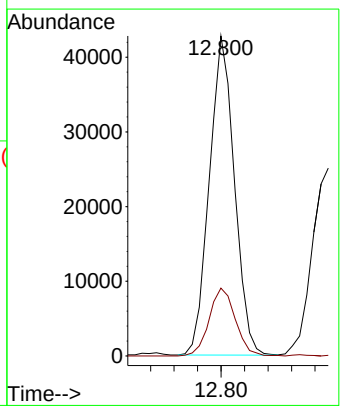
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

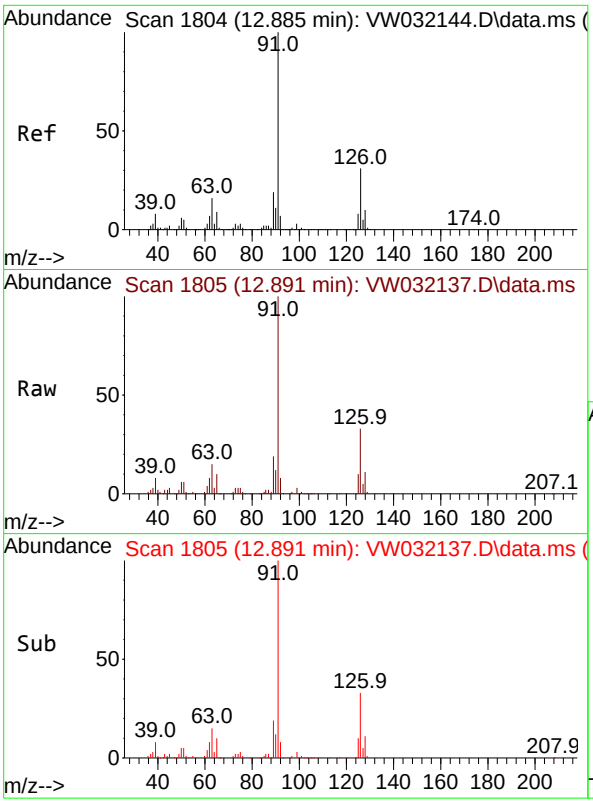


#78
n-propylbenzene
Concen: 4.274 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 91 Resp: 63470

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.8	35.4

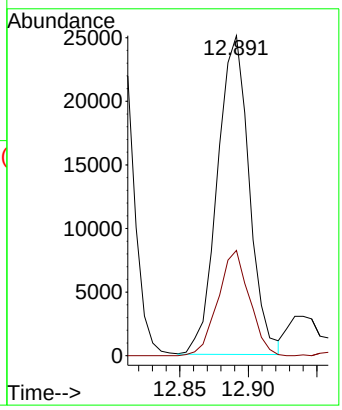




#79
2-Chlorotoluene
Concen: 4.461 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 91 Resp: 4051

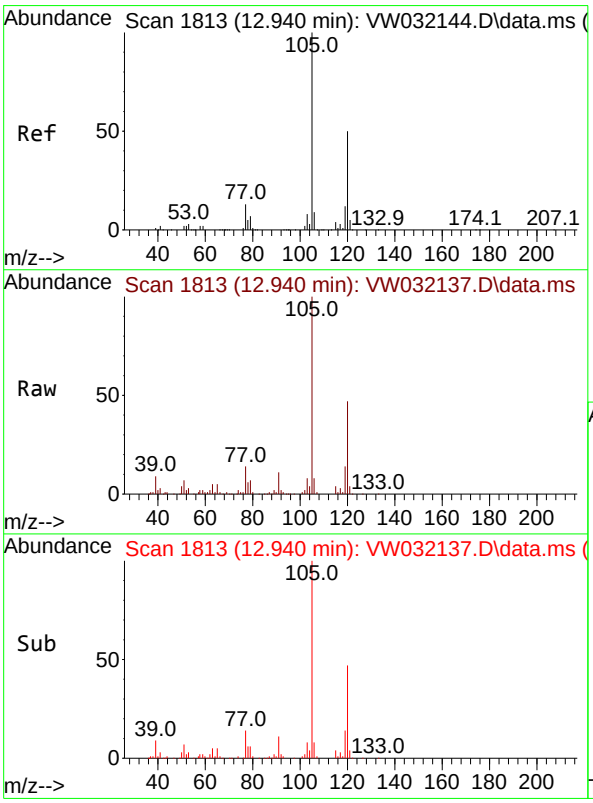
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.6	49.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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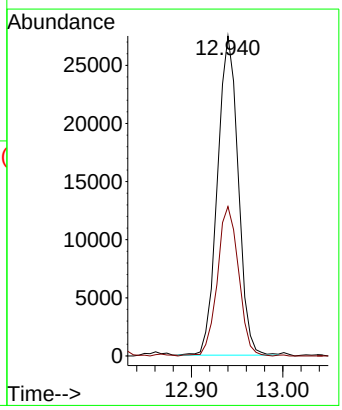
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

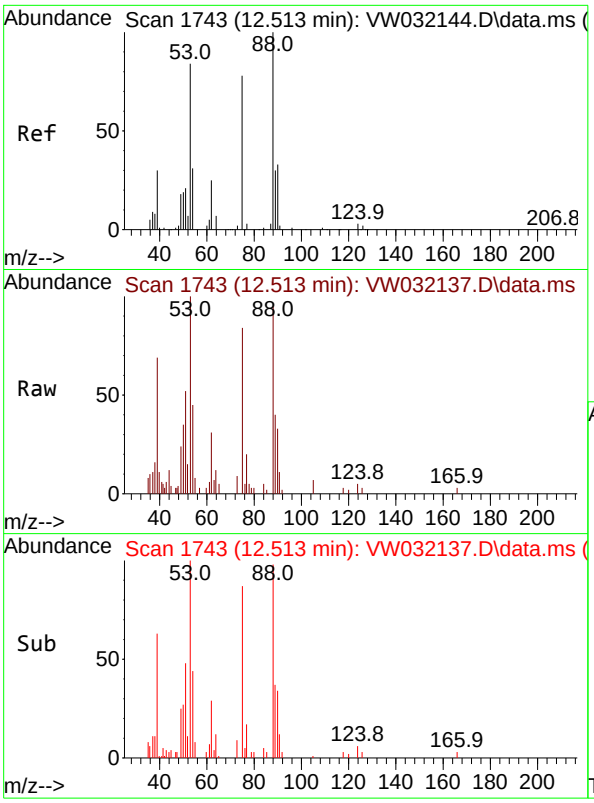


#80
1,3,5-Trimethylbenzene
Concen: 4.191 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:105 Resp: 43406

Ion	Ratio	Lower	Upper
105	100		
120	47.9	24.8	74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.859 ug/l
RT: 12.513 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

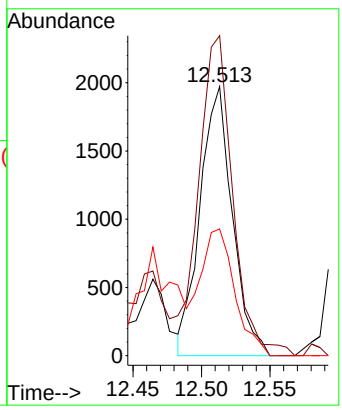
Tgt Ion: 75 Resp: 323

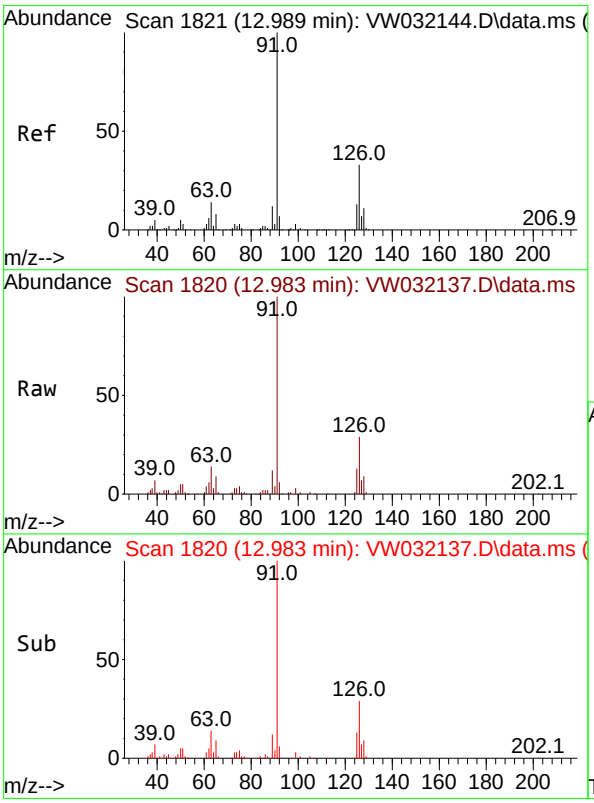
Ion	Ratio	Lower	Upper
75	100		
53	127.1	91.0	136.6
89	50.7	39.4	59.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

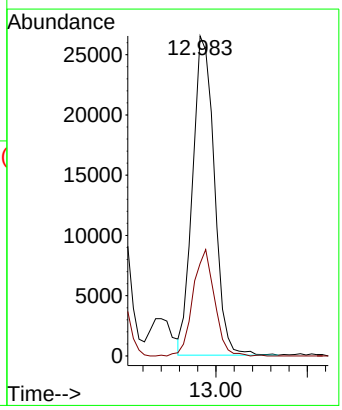


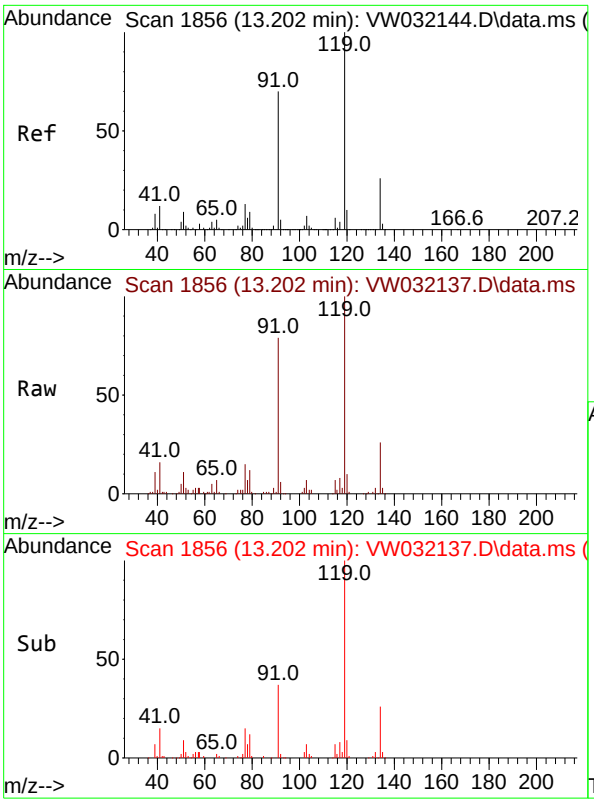


#82
4-Chlorotoluene
Concen: 4.495 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 91 Resp: 43697

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.1	48.2

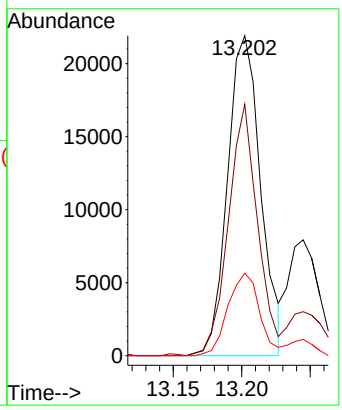




#83
tert-Butylbenzene
Concen: 4.200 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:119 Resp: 3688

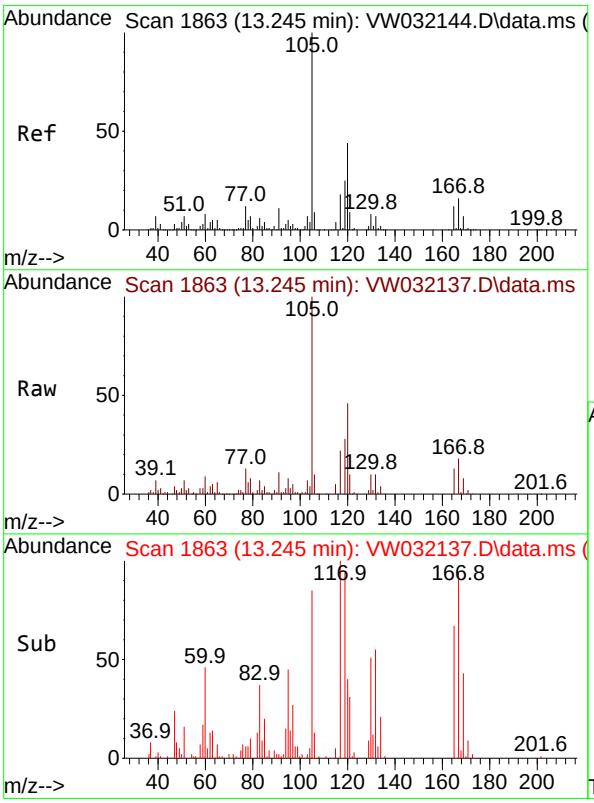
Ion	Ratio	Lower	Upper
119	100		
91	69.4	33.8	101.3
134	24.6	12.5	37.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

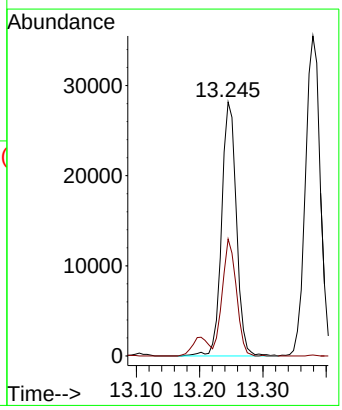
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

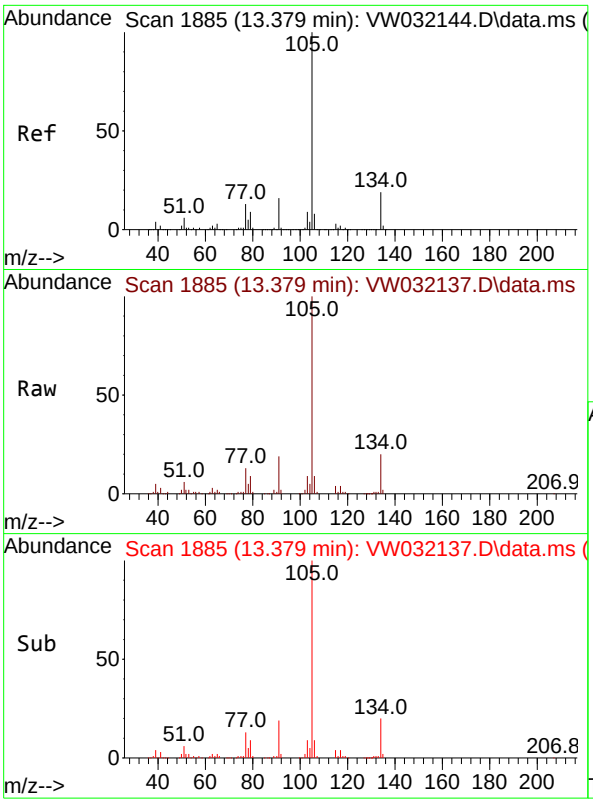


#84
1,2,4-Trimethylbenzene
Concen: 4.250 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:105 Resp: 45544

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.3





#85
sec-Butylbenzene
Concen: 4.410 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

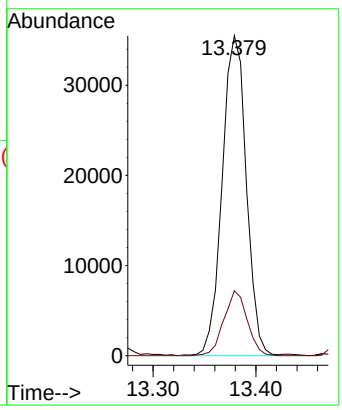
Tgt Ion:105 Resp: 5782

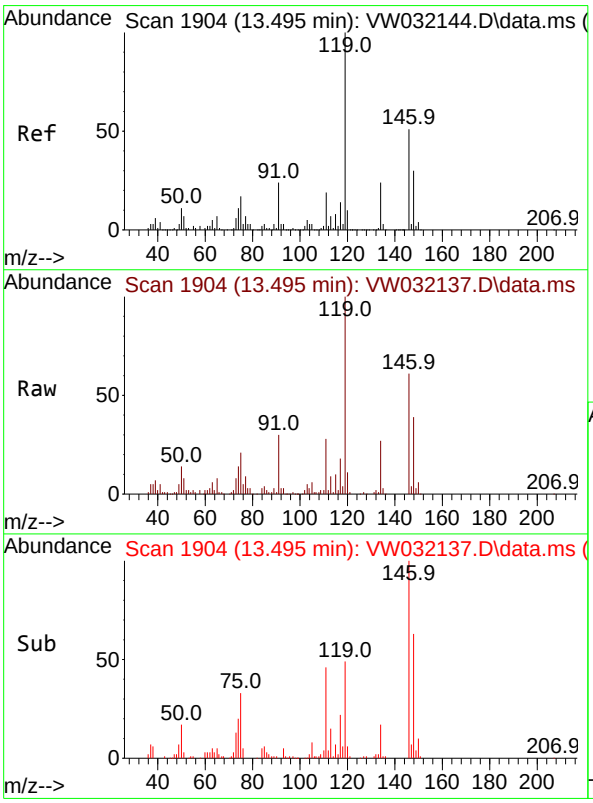
Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.1	30.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

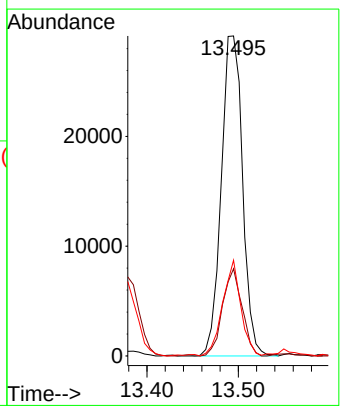


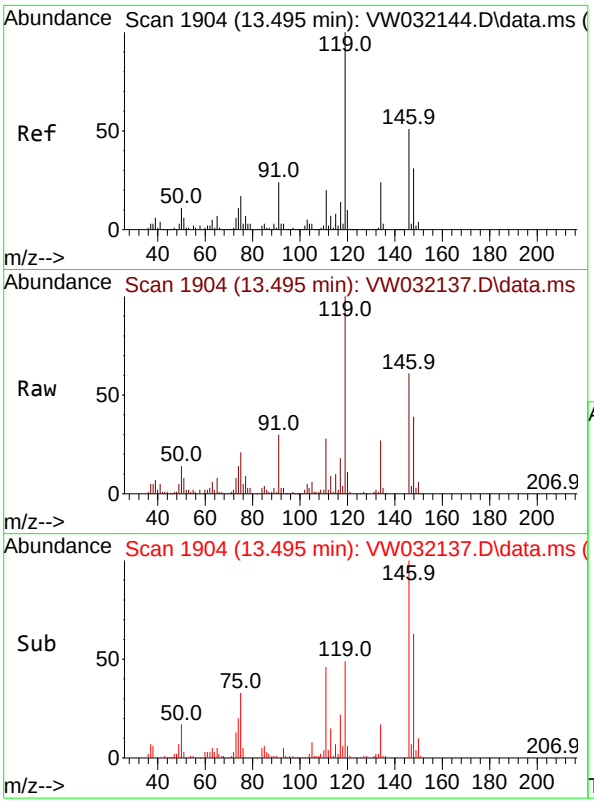


#86
p-Isopropyltoluene
Concen: 4.240 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:119 Resp: 47272

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.6	37.6
91	25.9	12.4	37.0

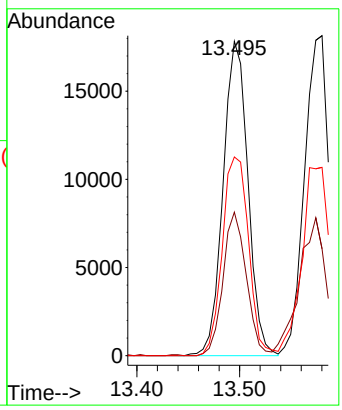




#87
1,3-Dichlorobenzene
Concen: 4.762 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:146 Resp: 2991

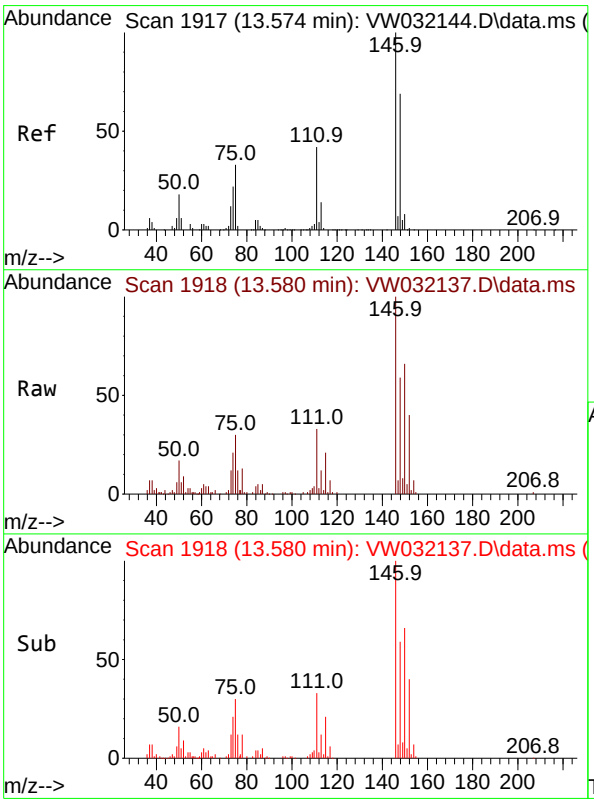
Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.6	61.9
148	66.9	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

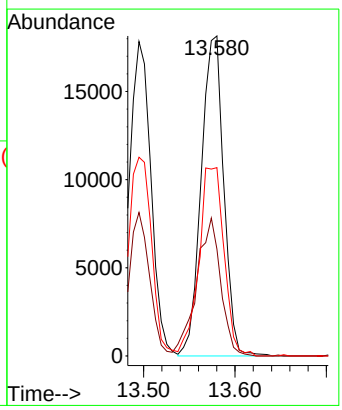
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

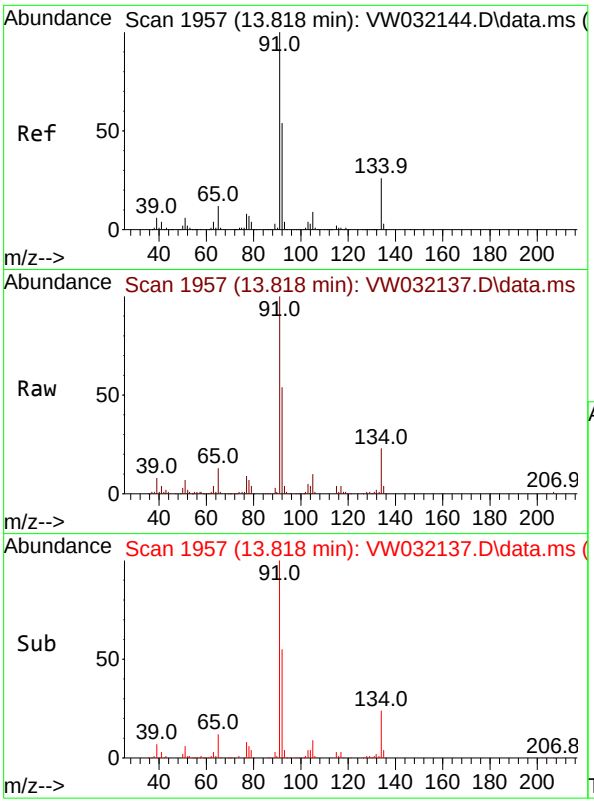


#88
1,4-Dichlorobenzene
Concen: 4.929 ug/l
RT: 13.580 min Scan# 1918
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:146 Resp: 31029

Ion	Ratio	Lower	Upper
146	100		
111	46.4	21.3	63.7
148	65.9	33.4	100.1

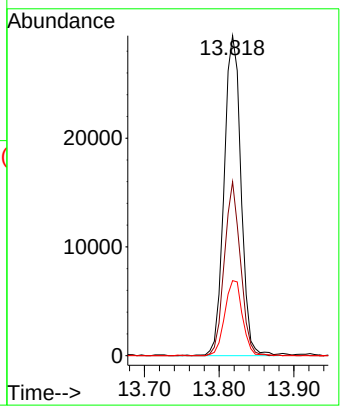




#89
n-Butylbenzene
Concen: 4.356 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 91 Resp: 4630

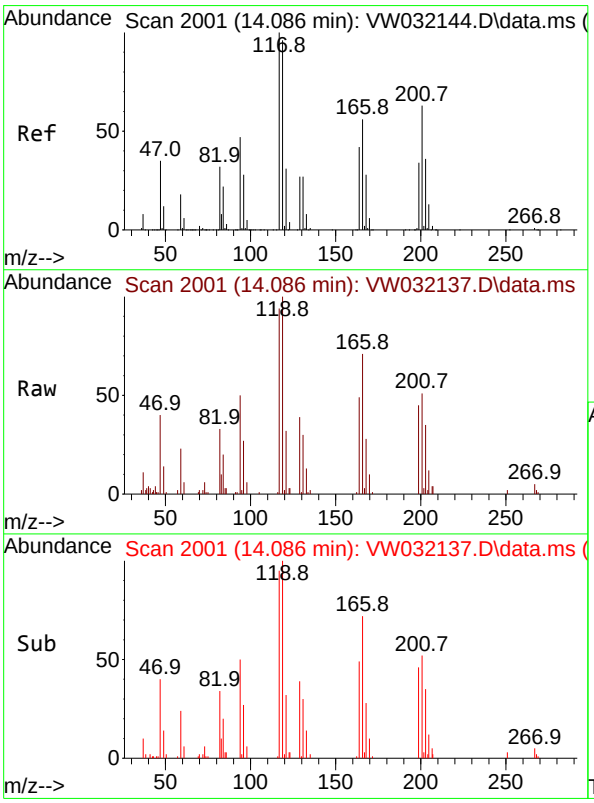
Ion	Ratio	Lower	Upper
91	100		
92	51.6	27.0	81.0
134	24.6	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

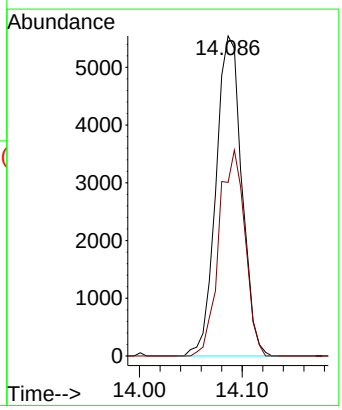
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

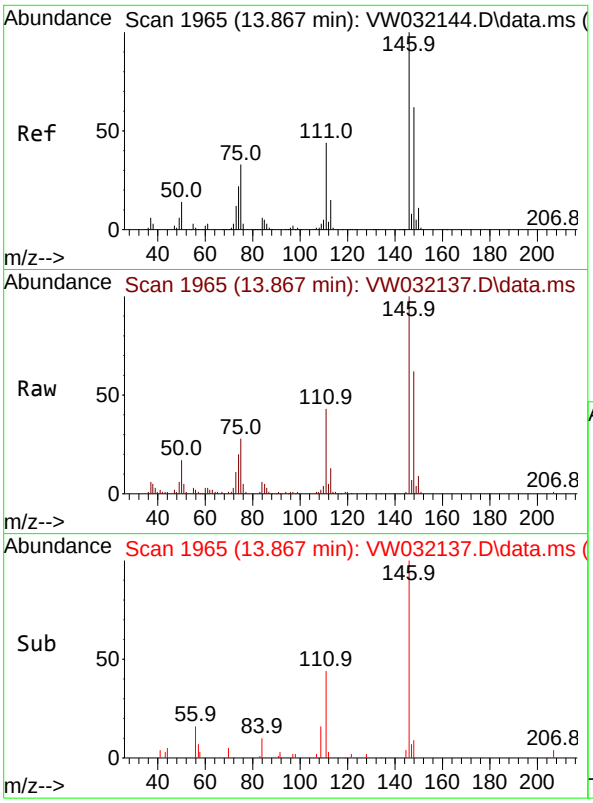


#90
Hexachloroethane
Concen: 4.750 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:117 Resp: 9687

Ion	Ratio	Lower	Upper
117	100		
201	64.6	32.8	98.4

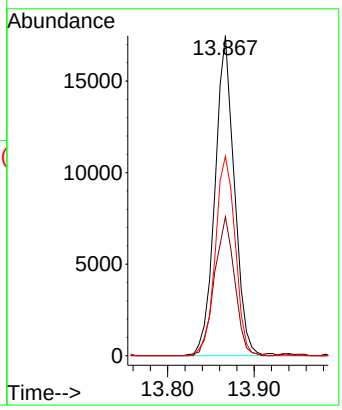




#91
1,2-Dichlorobenzene
Concen: 4.891 ug/l
RT: 13.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:146 Resp: 2720

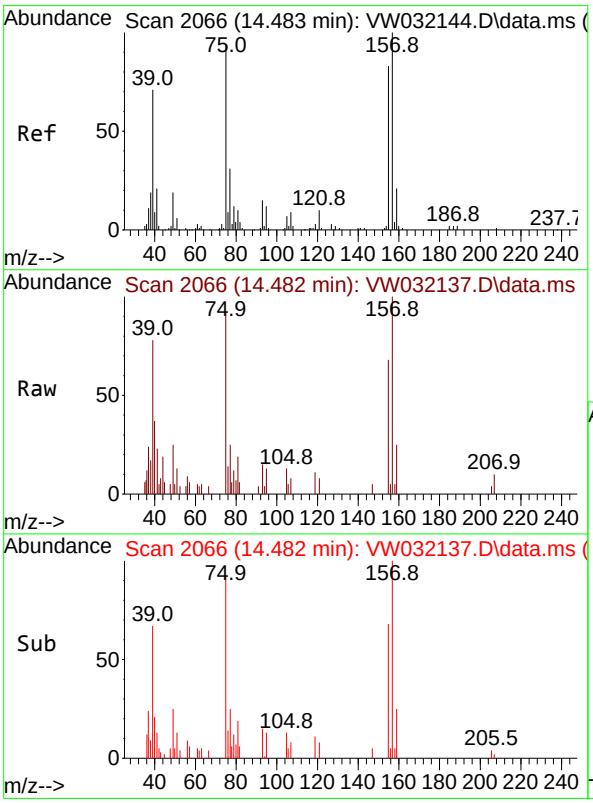
Ion	Ratio	Lower	Upper
146	100		
111	44.9	23.4	70.0
148	63.7	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

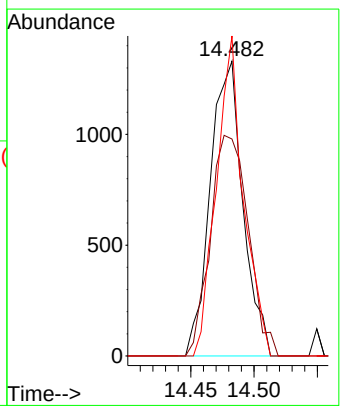
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

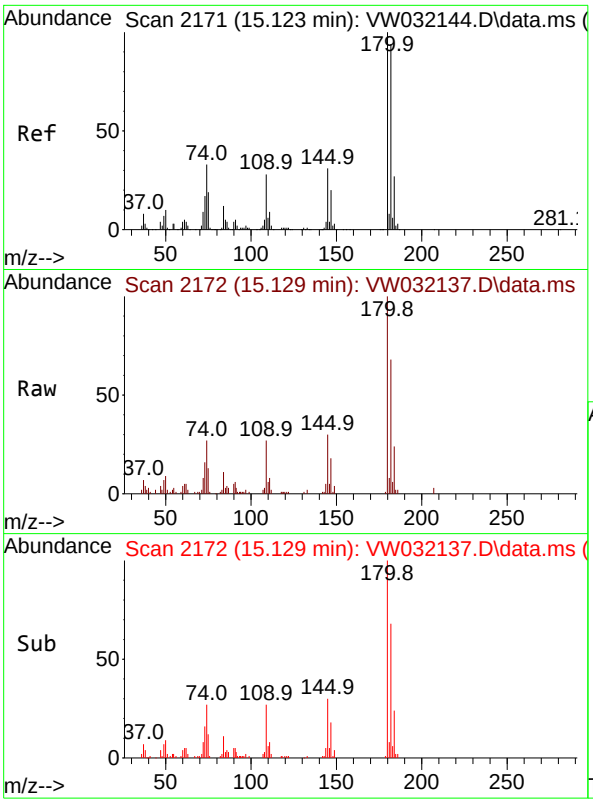


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.646 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion: 75 Resp: 2386

Ion	Ratio	Lower	Upper
75	100		
155	87.2	40.8	122.5
157	90.2	51.8	155.4

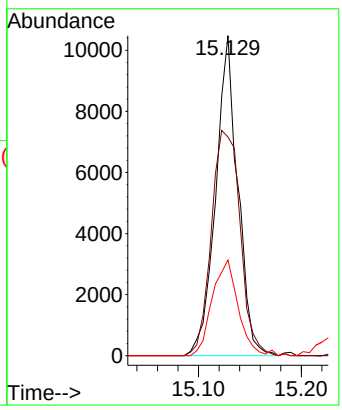




#93
1,2,4-Trichlorobenzene
Concen: 4.408 ug/l
RT: 15.129 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:180 Resp: 1566

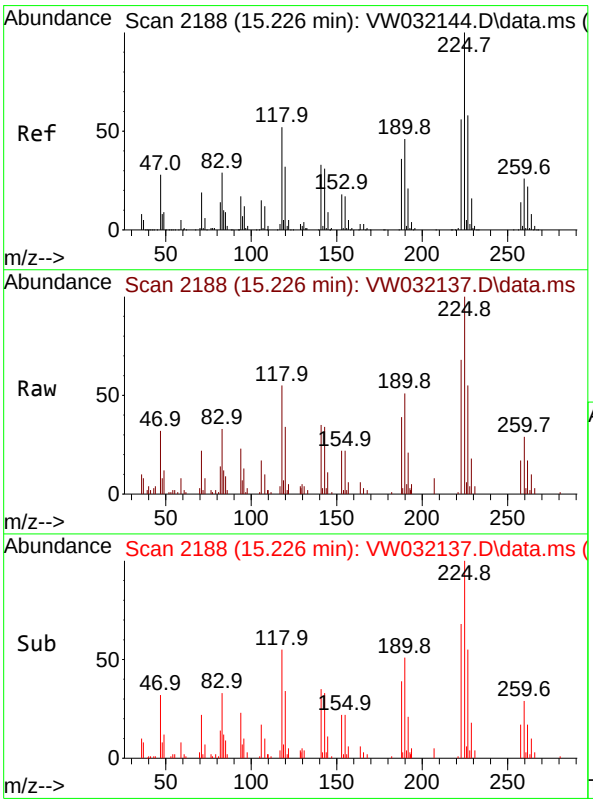
Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.4	142.2
145	35.4	16.4	49.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

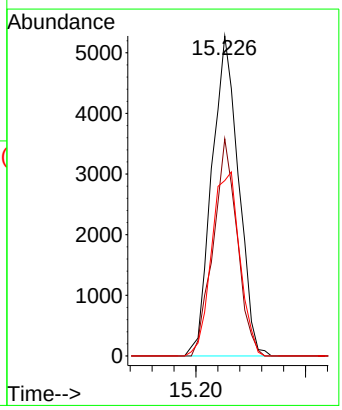
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

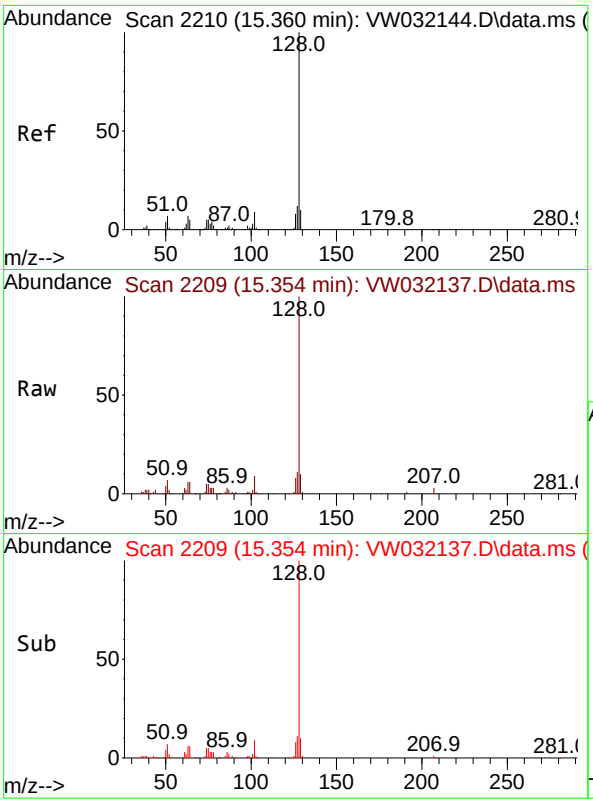


#94
Hexachlorobutadiene
Concen: 5.060 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:225 Resp: 8916

Ion	Ratio	Lower	Upper
225	100		
223	60.9	29.8	89.3
227	60.6	30.5	91.5

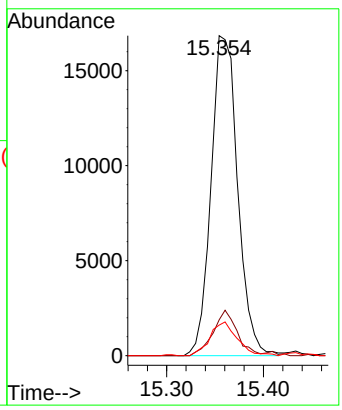




#95
Naphthalene
Concen: 4.007 ug/l
RT: 15.354 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:128 Resp: 3222

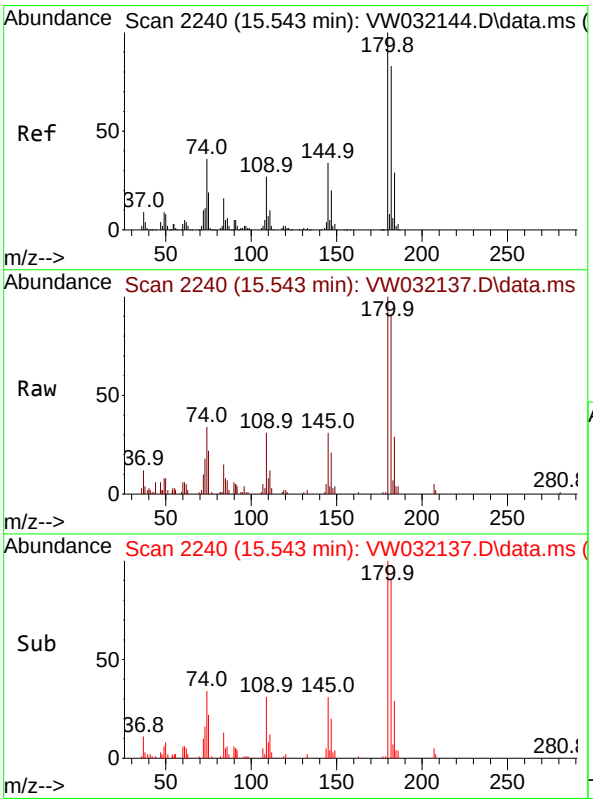
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

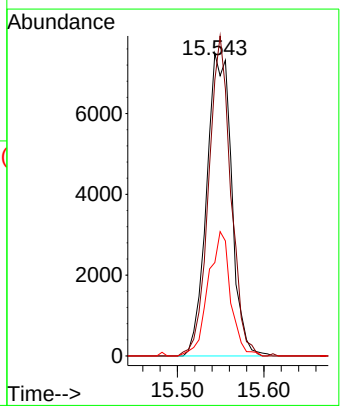
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.534 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW032137.D
Acq: 26 Aug 2025 09:39

Tgt Ion:180 Resp: 14982

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.7	143.1
145	36.9	17.2	51.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:48:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	211234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	363619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	338426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	30225	10.005	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	20.020%#		
35) Dibromofluoromethane	7.898	113	25460	9.980	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	19.960%#		
50) Toluene-d8	10.331	98	88342	9.864	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	19.720%#		
62) 4-Bromofluorobenzene	12.617	95	31333	9.461	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	18.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	14618	10.482	ug/l	89
3) Chloromethane	2.253	50	14677	10.037	ug/l	99
4) Vinyl Chloride	2.405	62	20537	10.813	ug/l	95
5) Bromomethane	2.826	94	17493	10.314	ug/l	94
6) Chloroethane	2.966	64	14154	10.582	ug/l	98
7) Trichlorofluoromethane	3.308	101	18838	10.011	ug/l	97
8) Diethyl Ether	3.722	74	14749	10.503	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	21714	10.243	ug/l	98
10) Methyl Iodide	4.307	142	33798	10.471	ug/l	98
11) Tert butyl alcohol	5.222	59	8976	48.576	ug/l #	84
12) 1,1-Dichloroethene	4.082	96	21754	9.744	ug/l	94
13) Acrolein	3.929	56	14491	51.017	ug/l	99
14) Allyl chloride	4.704	41	31497	9.932	ug/l	99
15) Acrylonitrile	5.399	53	34723	50.858	ug/l	99
16) Acetone	4.161	43	33956	51.901	ug/l	94
17) Carbon Disulfide	4.417	76	56470	10.113	ug/l	99
18) Methyl Acetate	4.710	43	19652	9.428	ug/l	97
19) Methyl tert-butyl Ether	5.472	73	41859	9.929	ug/l	99
20) Methylene Chloride	4.948	84	37160	10.662	ug/l	92
21) trans-1,2-Dichloroethene	5.454	96	25148	10.084	ug/l	96
22) Diisopropyl ether	6.338	45	67403	9.766	ug/l #	87
23) Vinyl Acetate	6.289	43	225264	48.006	ug/l	97
24) 1,1-Dichloroethane	6.240	63	45759	10.127	ug/l	98
25) 2-Butanone	7.197	43	45718	49.314	ug/l	96
26) 2,2-Dichloropropane	7.185	77	23694	9.902	ug/l	96
27) cis-1,2-Dichloroethene	7.197	96	30439	10.030	ug/l	98
28) Bromochloromethane	7.532	49	20056	9.697	ug/l	97
29) Tetrahydrofuran	7.551	42	28428	48.254	ug/l	100
30) Chloroform	7.697	83	52596	10.195	ug/l	97
31) Cyclohexane	7.965	56	39275	10.590	ug/l #	86
32) 1,1,1-Trichloroethane	7.886	97	38320	10.176	ug/l	100
36) 1,1-Dichloropropene	8.093	75	33450	10.113	ug/l	98
37) Ethyl Acetate	7.276	43	19121	9.636	ug/l	97
38) Carbon Tetrachloride	8.081	117	35561	10.029	ug/l	97
39) Methylcyclohexane	9.343	83	38190	9.748	ug/l	92
40) Benzene	8.337	78	103343	10.107	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.508	41	10841	9.834	ug/l		93
42) 1,2-Dichloroethane	8.416	62	35957	10.144	ug/l		97
43) Isopropyl Acetate	8.441	43	35470	9.528	ug/l		96
44) Trichloroethene	9.099	130	26114	10.156	ug/l		85
45) 1,2-Dichloropropane	9.374	63	25046	10.162	ug/l		100
46) Dibromomethane	9.465	93	17993	10.408	ug/l		98
47) Bromodichloromethane	9.654	83	39005	9.928	ug/l		100
48) Methyl methacrylate	9.441	41	15484	9.026	ug/l		88
49) 1,4-Dioxane	9.465	88	3437	164.547	ug/l	#	77
51) 4-Methyl-2-Pentanone	10.215	43	101528	48.302	ug/l		98
52) Toluene	10.392	92	66895	10.012	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	32461	9.366	ug/l		96
54) cis-1,3-Dichloropropene	10.081	75	37752	9.547	ug/l		97
55) 1,1,2-Trichloroethane	10.794	97	22801	10.143	ug/l		94
56) Ethyl methacrylate	10.648	69	26610	9.259	ug/l		97
57) 1,3-Dichloropropane	10.934	76	38090	10.119	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	73697	48.041	ug/l		99
59) 2-Hexanone	10.971	43	68690	46.989	ug/l		97
60) Dibromochloromethane	11.129	129	26185	9.626	ug/l		95
61) 1,2-Dibromoethane	11.239	107	22442	10.151	ug/l		100
64) Tetrachloroethene	10.861	164	22486	10.095	ug/l		92
65) Chlorobenzene	11.654	112	76630	9.948	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	25682	10.127	ug/l		98
67) Ethyl Benzene	11.733	91	123370	9.775	ug/l		97
68) m/p-Xylenes	11.843	106	94822	19.521	ug/l		99
69) o-Xylene	12.166	106	44610	9.709	ug/l		95
70) Styrene	12.178	104	78501	9.692	ug/l		98
71) Bromoform	12.349	173	14353	9.529	ug/l	#	96
73) Isopropylbenzene	12.464	105	113135	9.615	ug/l		99
74) N-amyl acetate	12.276	43	31026	9.082	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	27712	9.910	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	20674m	9.219	ug/l		
77) Bromobenzene	12.745	156	29230	9.741	ug/l		99
78) n-propylbenzene	12.800	91	140832	9.858	ug/l		97
79) 2-Chlorotoluene	12.891	91	85542	9.792	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	96634	9.700	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	6880	8.537	ug/l		91
82) 4-Chlorotoluene	12.989	91	92476	9.890	ug/l		99
83) tert-Butylbenzene	13.202	119	80888	9.576	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	97711	9.480	ug/l		99
85) sec-Butylbenzene	13.379	105	119897	9.507	ug/l		98
86) p-Isopropyltoluene	13.495	119	102643	9.570	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	62937	10.417	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	62683	10.351	ug/l		98
89) n-Butylbenzene	13.818	91	96382	9.426	ug/l		97
90) Hexachloroethane	14.086	117	19253	9.814	ug/l		100
91) 1,2-Dichlorobenzene	13.867	146	52479	9.811	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	4440	8.988	ug/l		99
93) 1,2,4-Trichlorobenzene	15.129	180	34429	10.074	ug/l		96
94) Hexachlorobutadiene	15.226	225	16347	9.644	ug/l		92
95) Naphthalene	15.360	128	68744	8.888	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	31730	9.983	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032138.D
Acq On : 26 Aug 2025 10:23
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

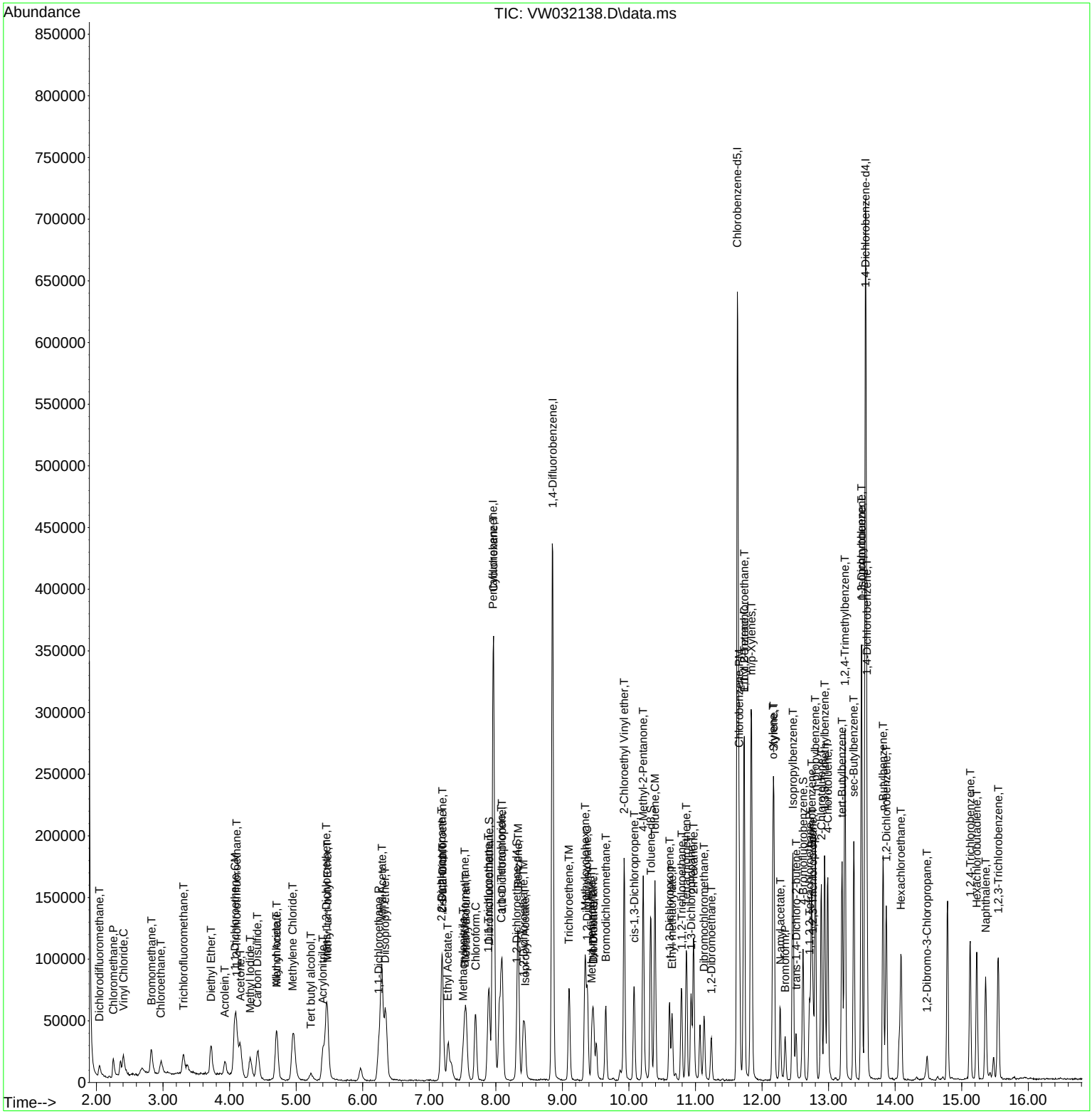
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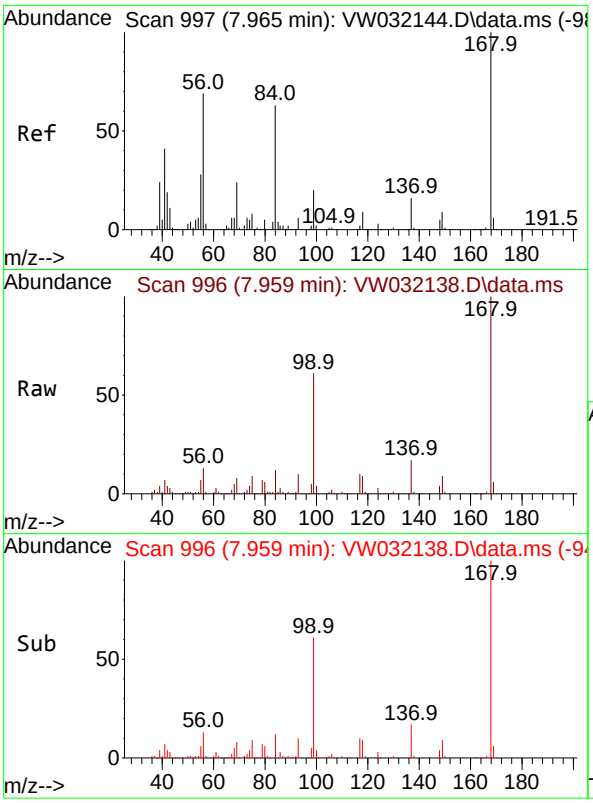
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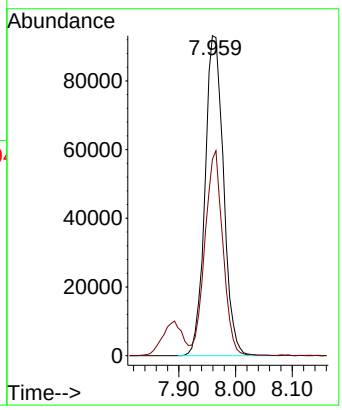




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:168 Resp: 21123

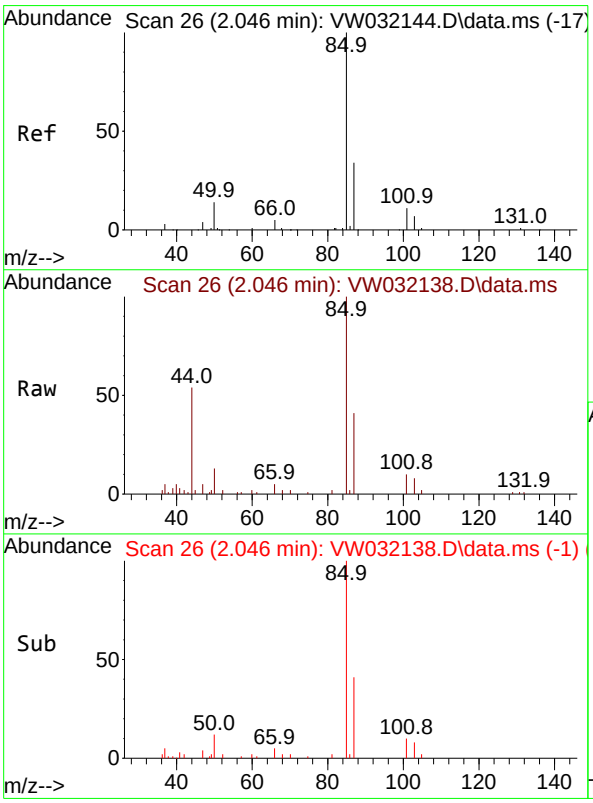
Ion	Ratio	Lower	Upper
168	100		
99	61.3	49.3	73.9



Instrument :
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ClientSampleId :
VSTDICC010

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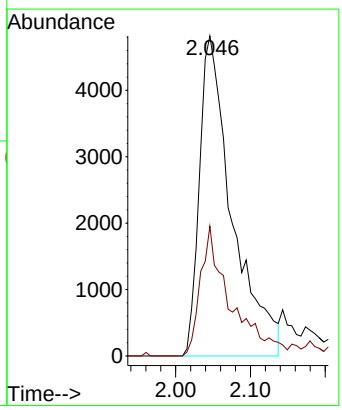
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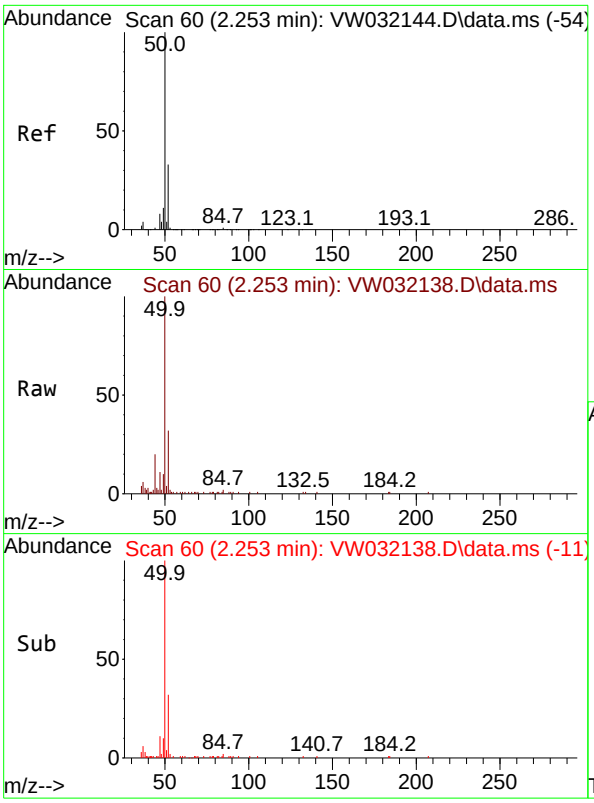


#2
Dichlorodifluoromethane
Concen: 10.482 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 85 Resp: 14618

Ion	Ratio	Lower	Upper
85	100		
87	40.5	17.2	51.6

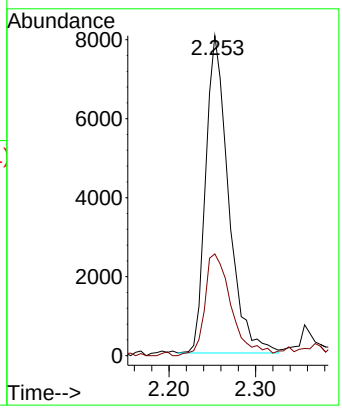




#3
Chloromethane
Concen: 10.037 ug/l
RT: 2.253 min Scan# 6
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 50 Resp: 1467

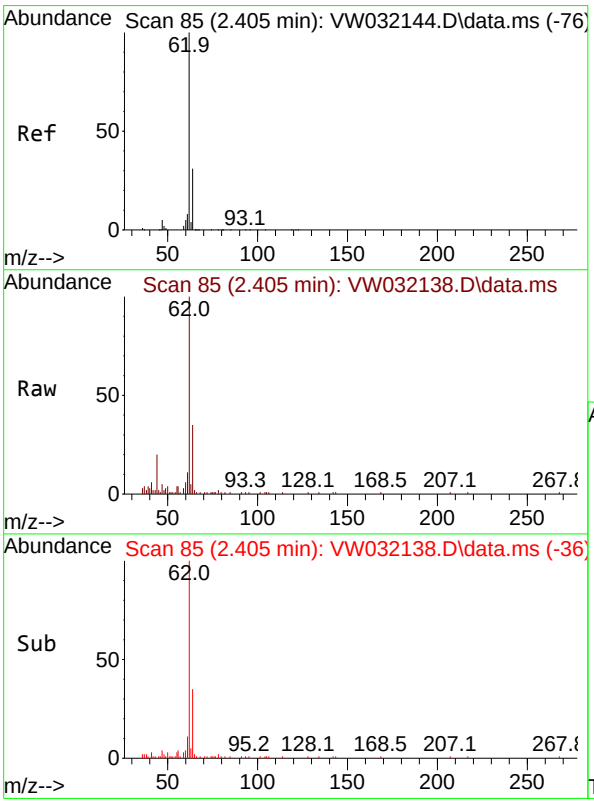
Ion	Ratio	Lower	Upper
50	100		
52	32.1	26.1	39.1



Instrument :
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ClientSampleId :
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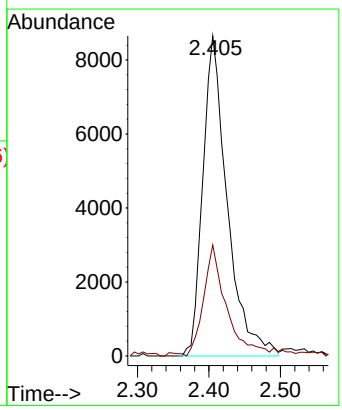
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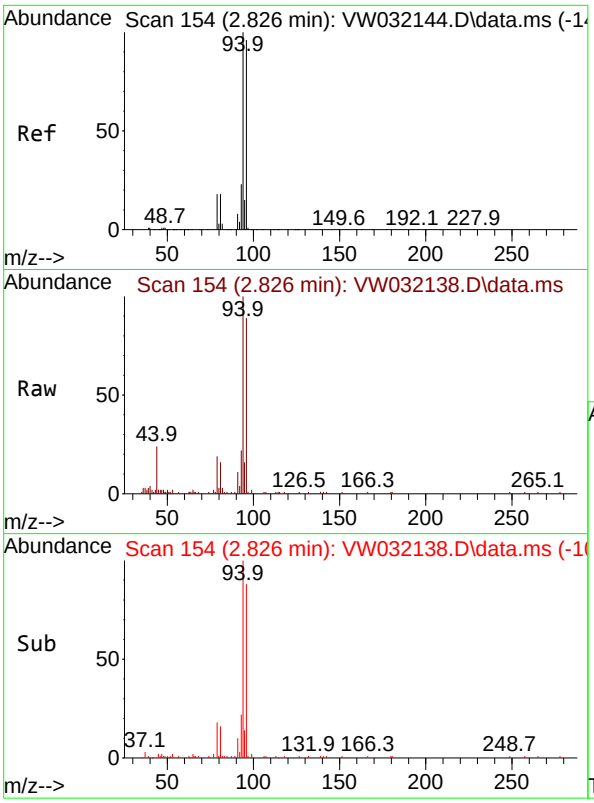


#4
Vinyl Chloride
Concen: 10.813 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 62 Resp: 20537

Ion	Ratio	Lower	Upper
62	100		
64	33.9	24.8	37.2

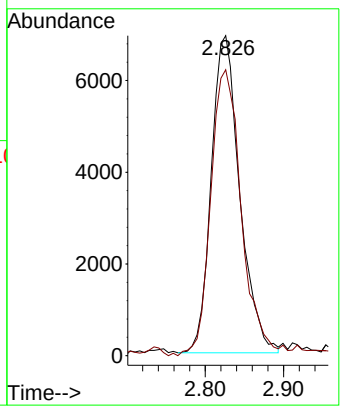




#5
Bromomethane
Concen: 10.314 ug/l
RT: 2.826 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 94 Resp: 1749

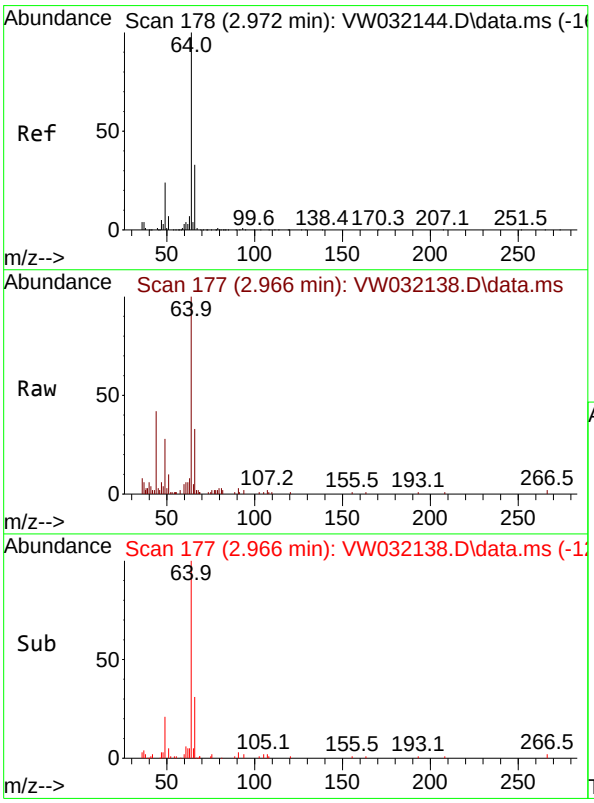
Ion	Ratio	Lower	Upper
94	100		
96	90.2	76.6	115.0



Instrument :
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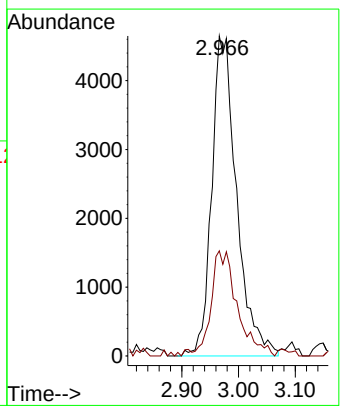
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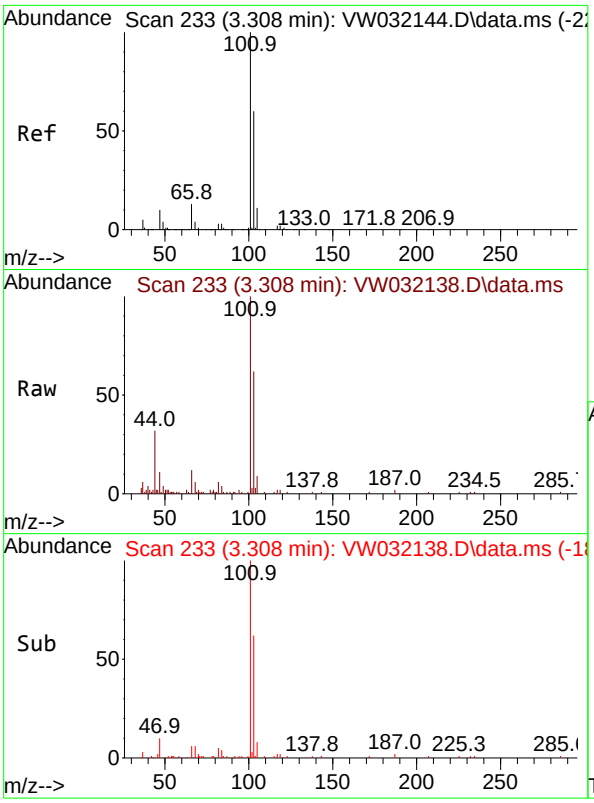


#6
Chloroethane
Concen: 10.582 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 64 Resp: 14154

Ion	Ratio	Lower	Upper
64	100		
66	31.8	26.2	39.4

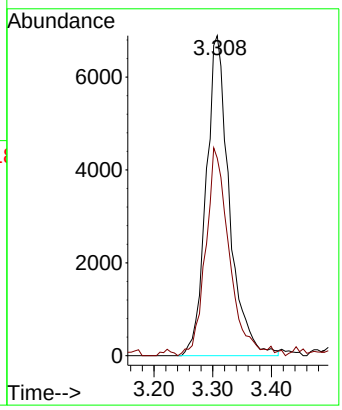




#7
Trichlorofluoromethane
Concen: 10.011 ug/l
RT: 3.308 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:101 Resp: 1883

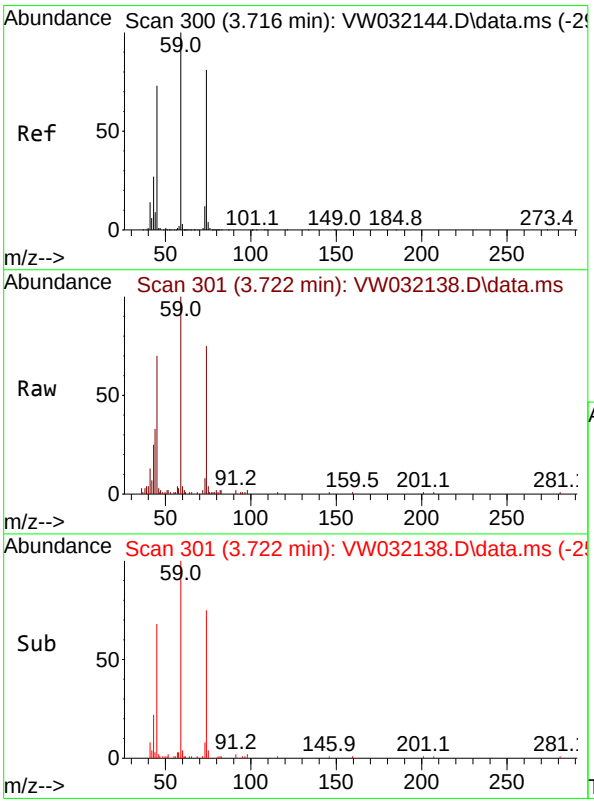
Ion	Ratio	Lower	Upper
101	100		
103	61.7	47.8	71.8



Instrument :
MSVOA_W
ClientSampleId :
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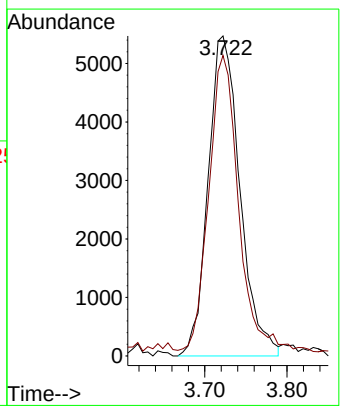
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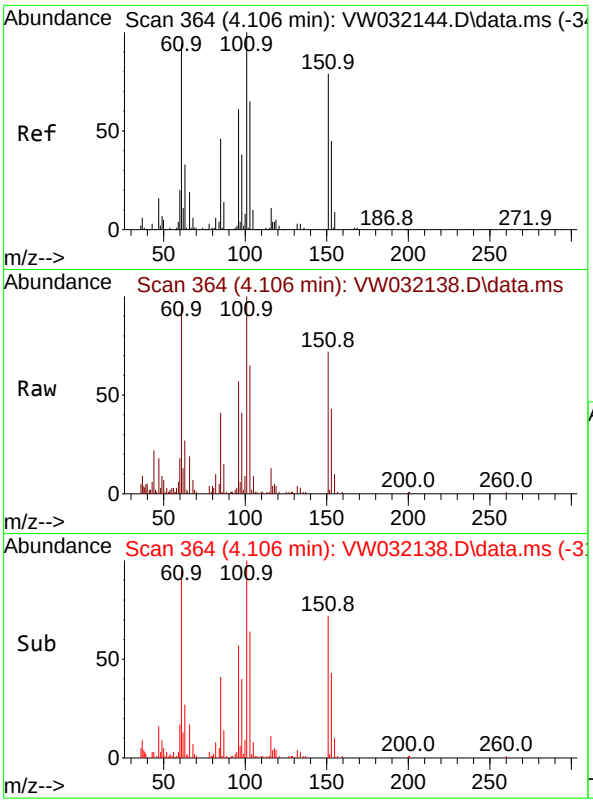


#8
Diethyl Ether
Concen: 10.503 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 74 Resp: 14749

Ion	Ratio	Lower	Upper
74	100		
45	87.0	43.1	129.4

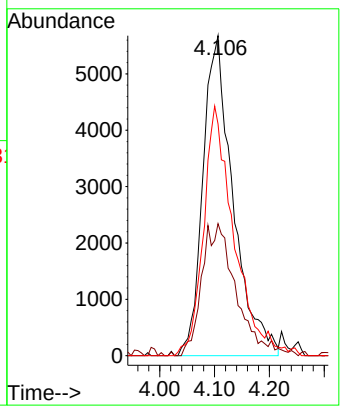




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.243 ug/l
RT: 4.106 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:101 Resp: 2171

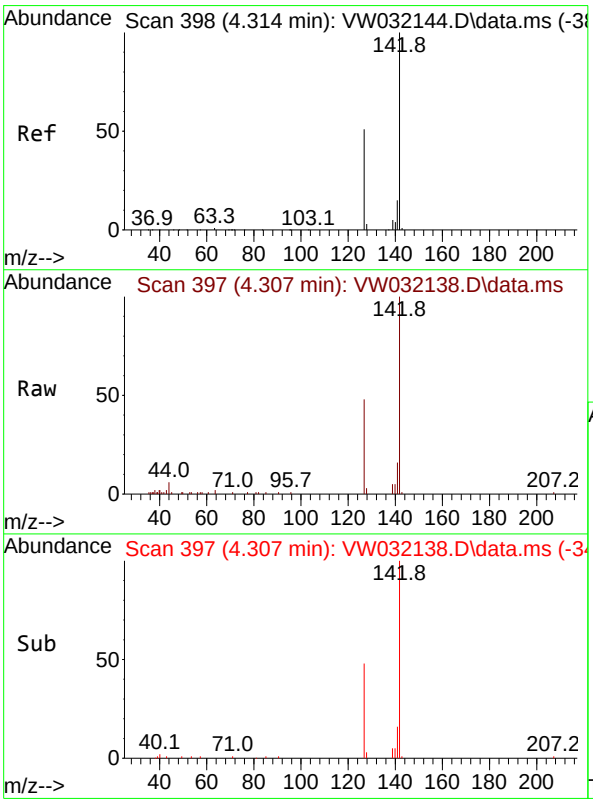
Ion	Ratio	Lower	Upper
101	100		
85	47.0	37.1	55.7
151	78.6	61.5	92.3



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VSTDICC010

Manual Integrations APPROVED

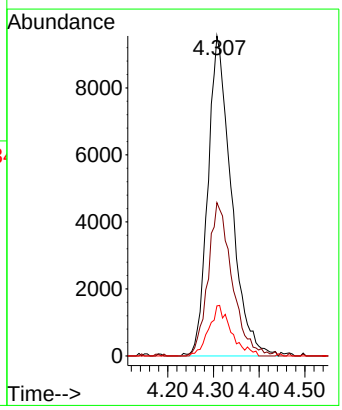
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

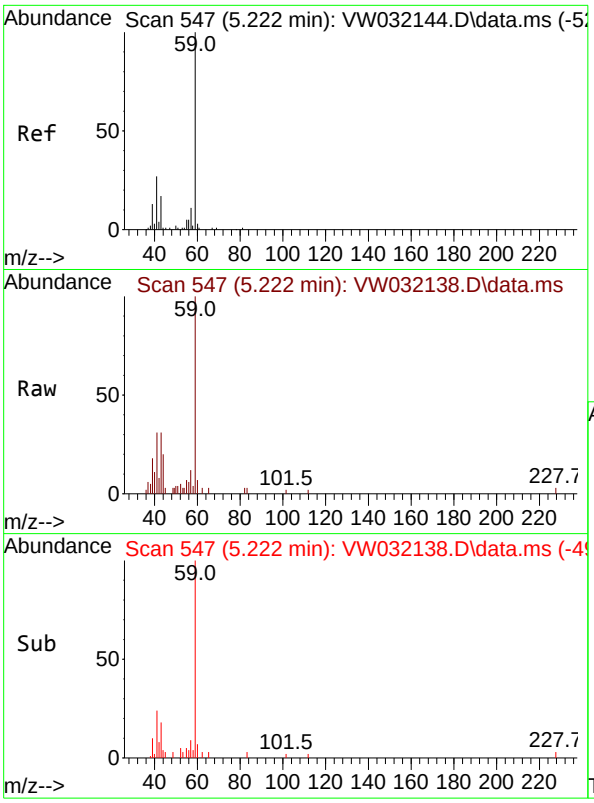


#10
Methyl Iodide
Concen: 10.471 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:142 Resp: 33798

Ion	Ratio	Lower	Upper
142	100		
127	49.5	38.2	57.2
141	15.1	12.2	18.2

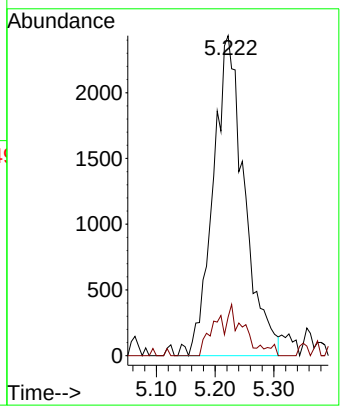




#11
Tert butyl alcohol
Concen: 48.576 ug/l
RT: 5.222 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 59 Resp: 897

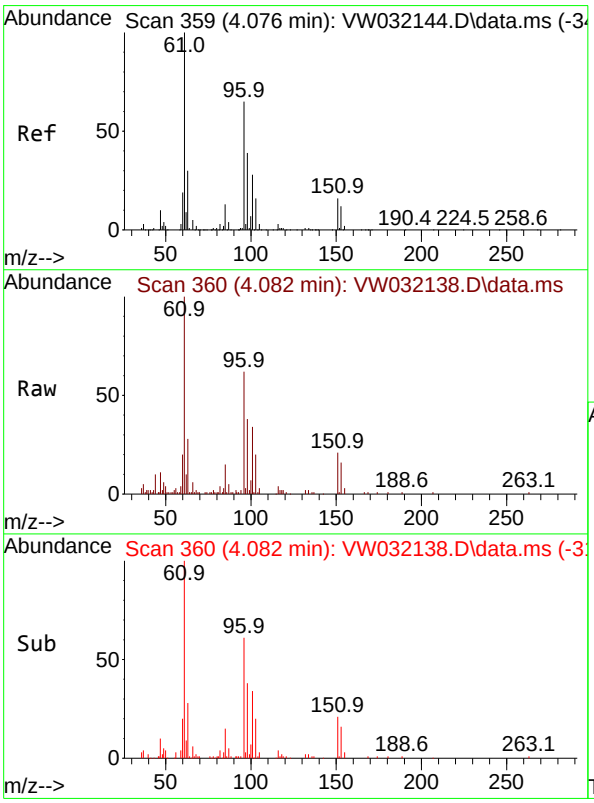
Ion	Ratio	Lower	Upper
59	100		
57	6.0	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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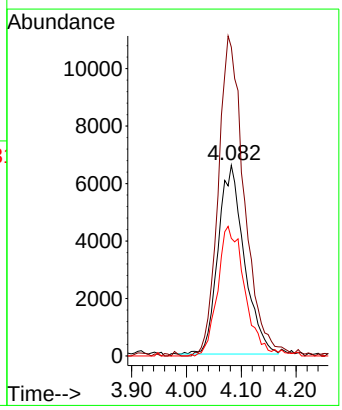
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

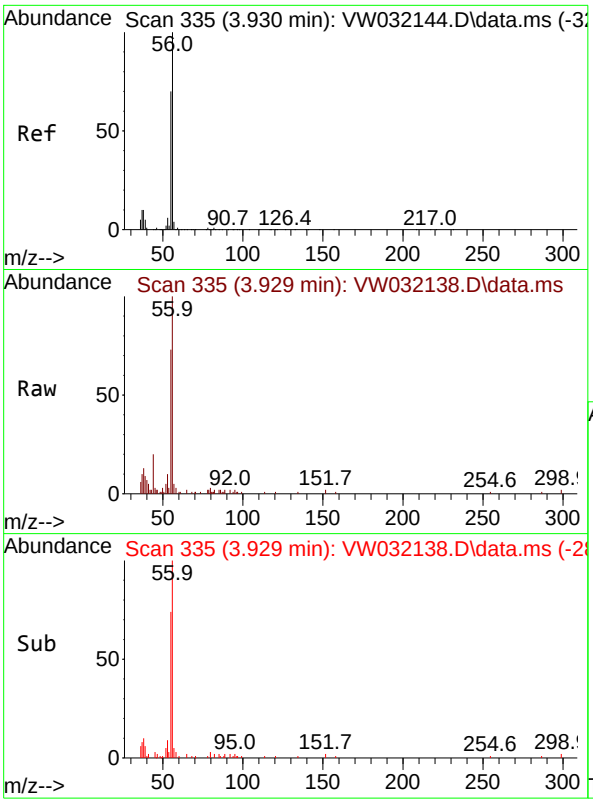


#12
1,1-Dichloroethene
Concen: 9.744 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 96 Resp: 21754

Ion	Ratio	Lower	Upper
96	100		
61	162.5	123.0	184.4
98	62.3	48.5	72.7

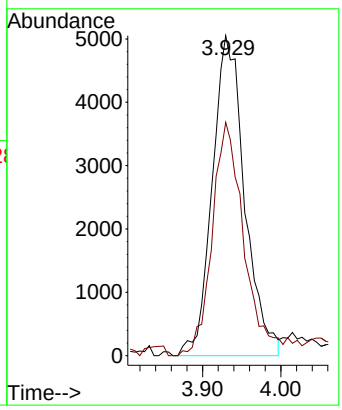




#13
Acrolein
Concen: 51.017 ug/l
RT: 3.929 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 56 Resp: 1449

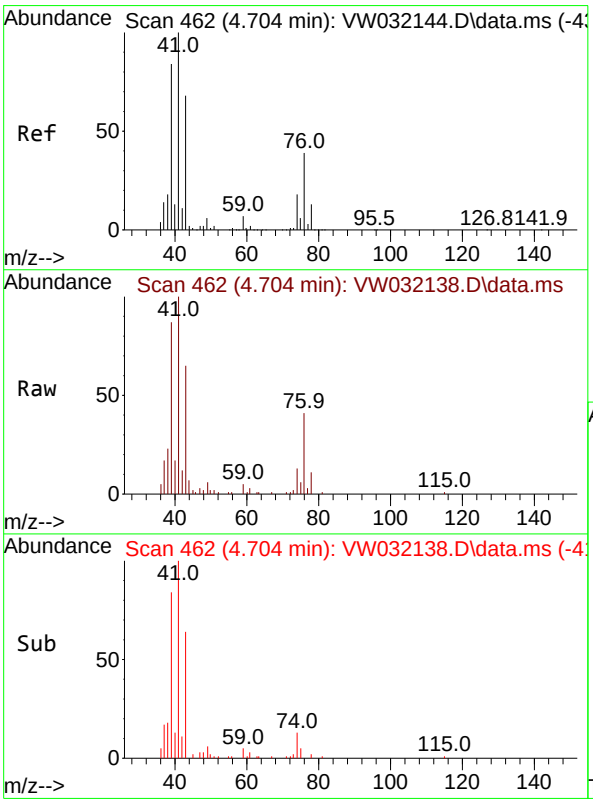
Ion	Ratio	Lower	Upper
56	100		
55	71.0	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

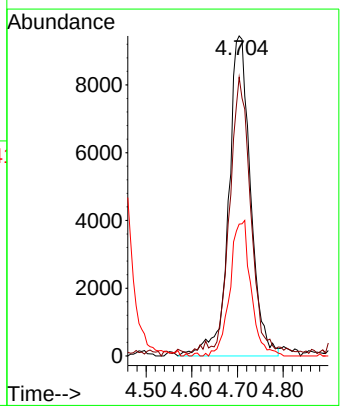
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

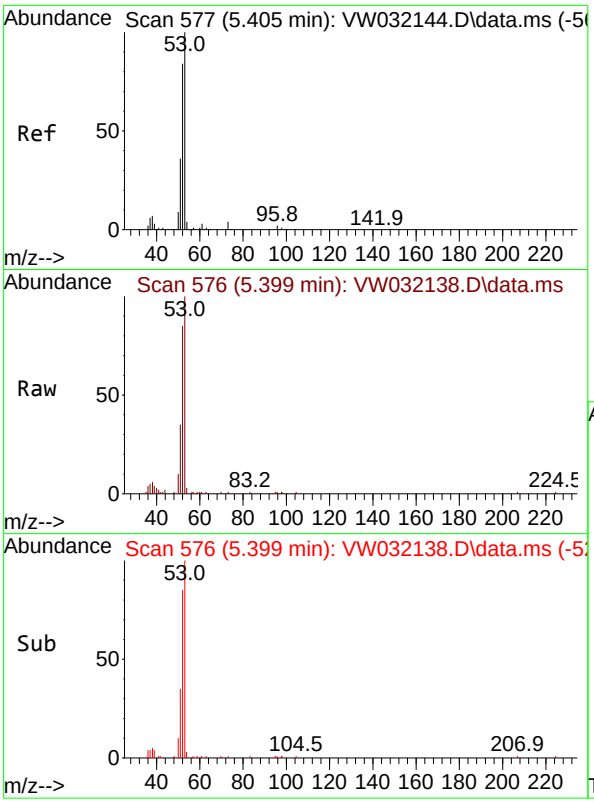


#14
Allyl chloride
Concen: 9.932 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 41 Resp: 31497

Ion	Ratio	Lower	Upper
41	100		
39	80.6	64.1	96.1
76	40.3	31.4	47.2

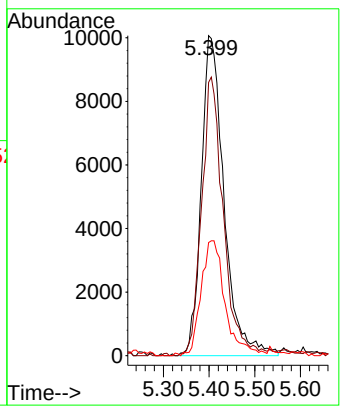




#15
Acrylonitrile
Concen: 50.858 ug/l
RT: 5.399 min Scan# 5
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 53 Resp: 3472

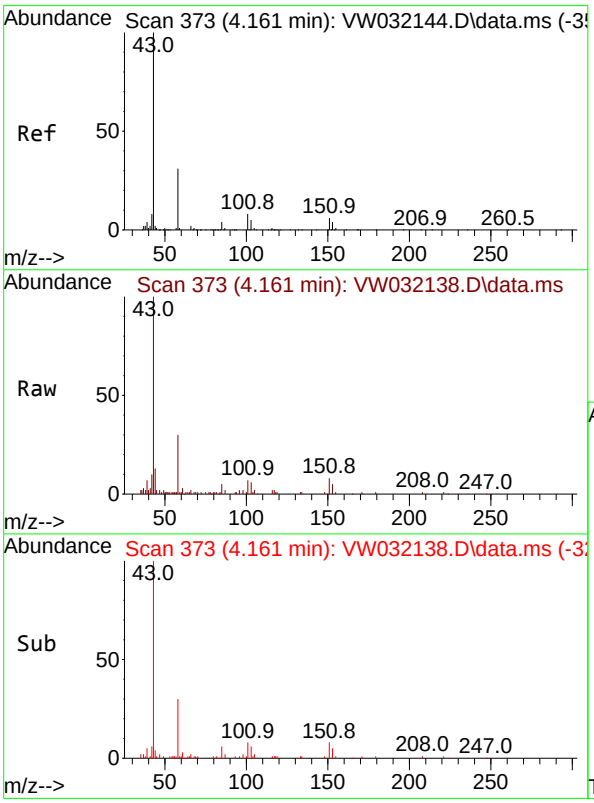
Ion	Ratio	Lower	Upper
53	100		
52	83.2	67.4	101.2
51	38.0	30.3	45.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

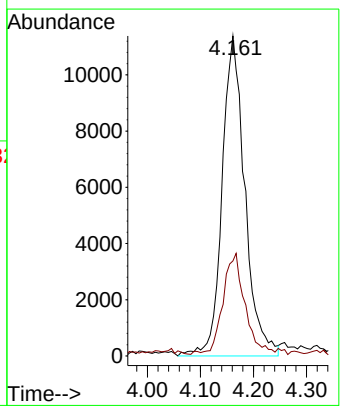
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

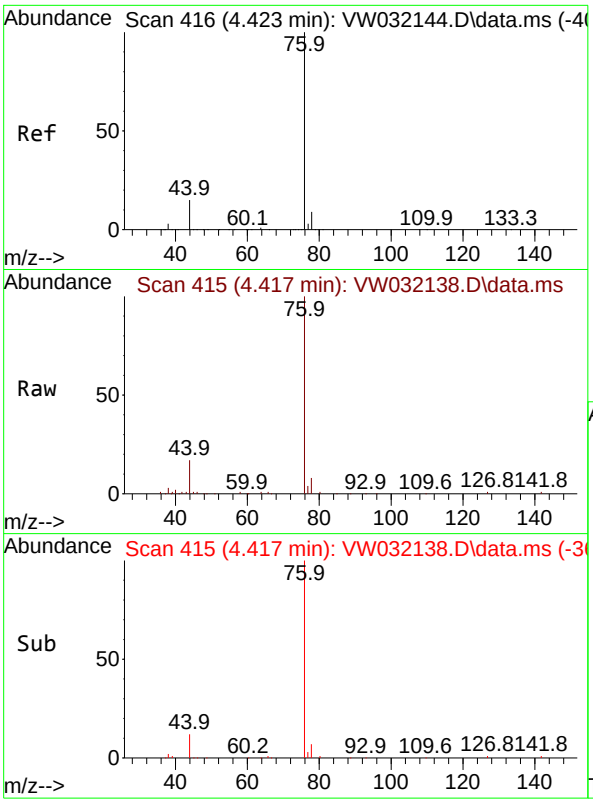


#16
Acetone
Concen: 51.901 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 33956

Ion	Ratio	Lower	Upper
43	100		
58	28.1	25.3	37.9

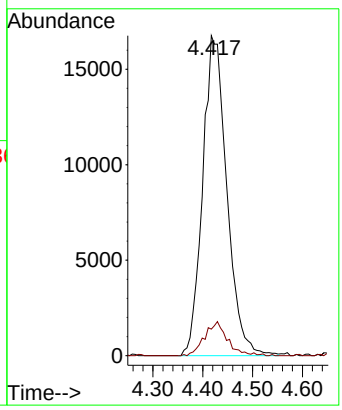




#17
Carbon Disulfide
Concen: 10.113 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 76 Resp: 5647

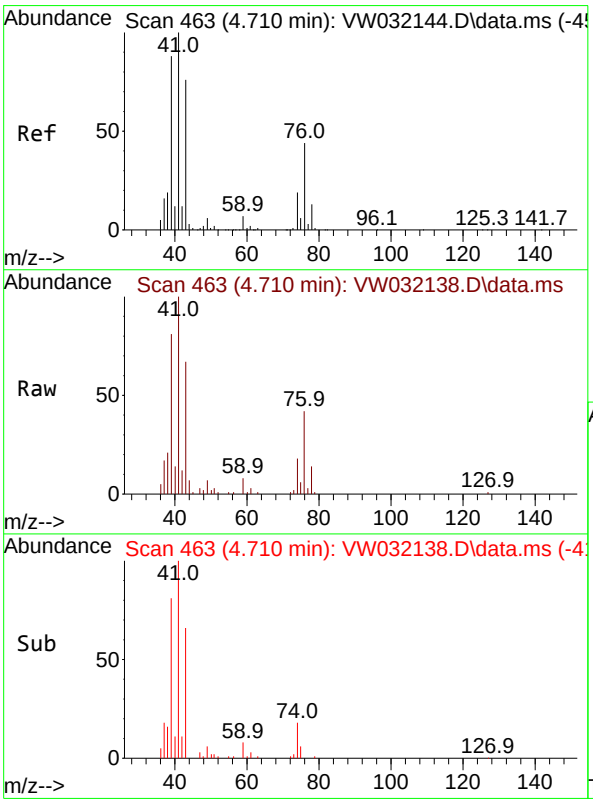
Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

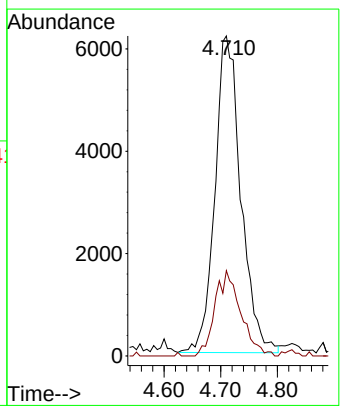
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

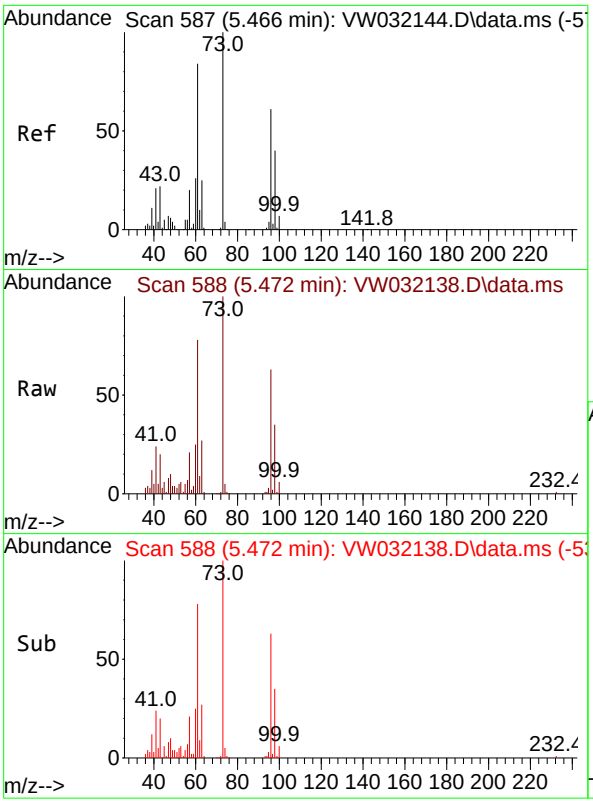


#18
Methyl Acetate
Concen: 9.428 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 19652

Ion	Ratio	Lower	Upper
43	100		
74	26.7	20.2	30.4

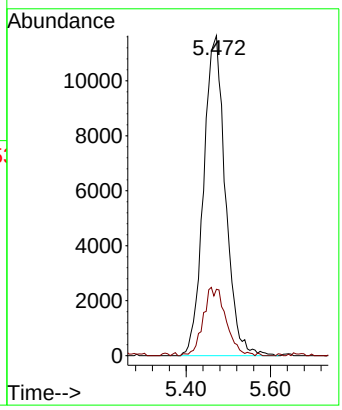




#19
Methyl tert-butyl Ether
Concen: 9.929 ug/l
RT: 5.472 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 73 Resp: 4185

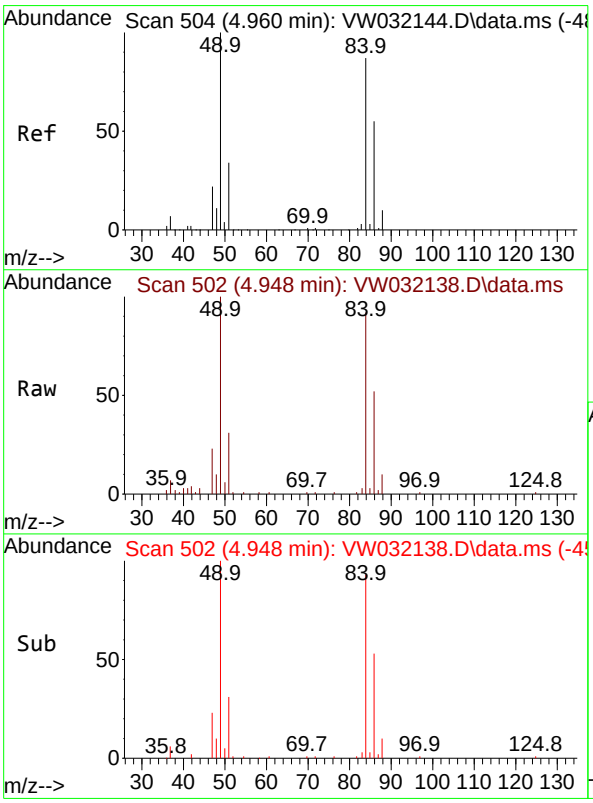
Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.2	24.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

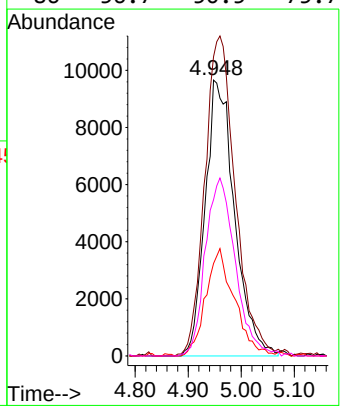
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

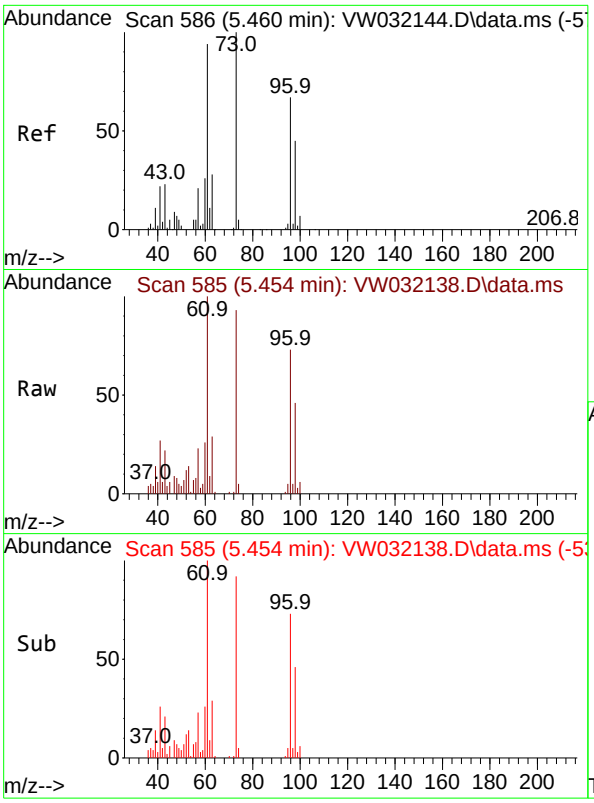


#20
Methylene Chloride
Concen: 10.662 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 84 Resp: 37160

Ion	Ratio	Lower	Upper
84	100		
49	107.8	92.2	138.4
51	33.6	31.0	46.6
86	56.7	50.5	75.7

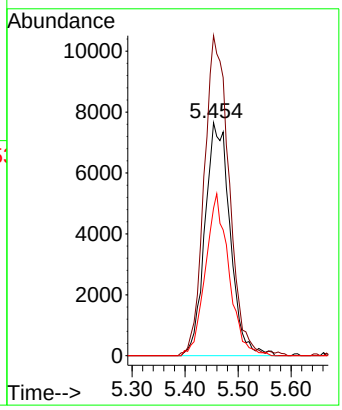




#21
trans-1,2-Dichloroethene
Concen: 10.084 ug/l
RT: 5.454 min Scan# 5
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 96 Resp: 2514

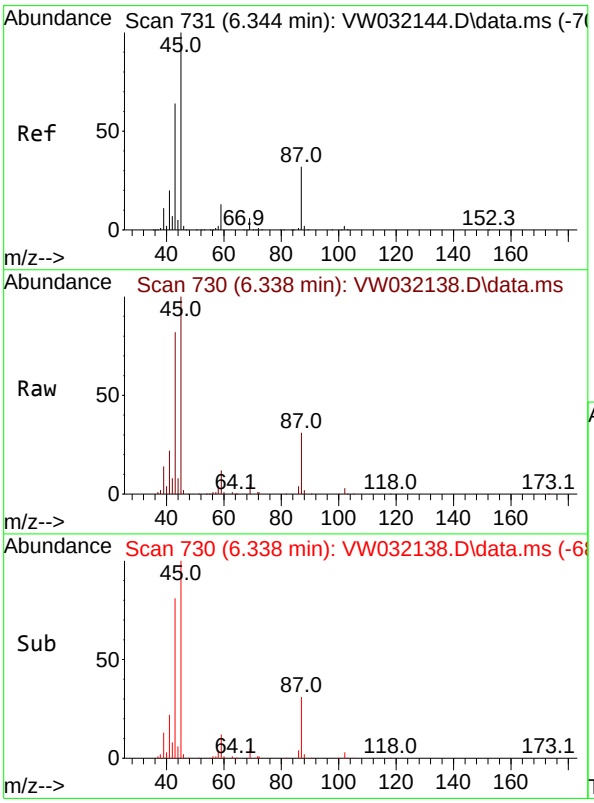
Ion	Ratio	Lower	Upper
96	100		
61	137.3	112.5	168.7
98	63.3	54.2	81.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

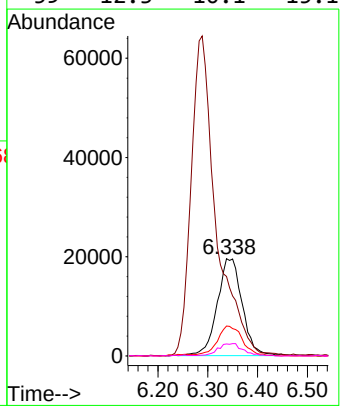
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

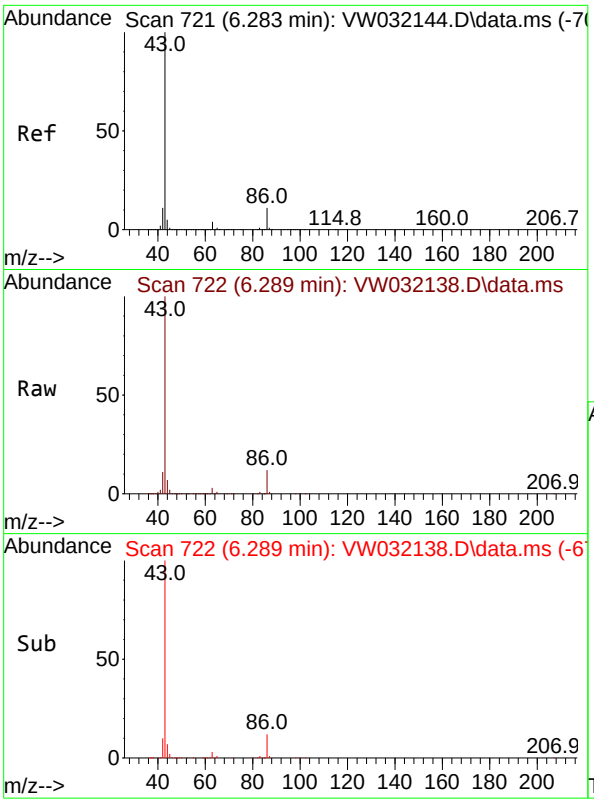


#22
Diisopropyl ether
Concen: 9.766 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 45 Resp: 67403

Ion	Ratio	Lower	Upper
45	100		
43	80.1	51.4	77.2#
87	30.6	25.9	38.9
59	12.3	10.1	15.1

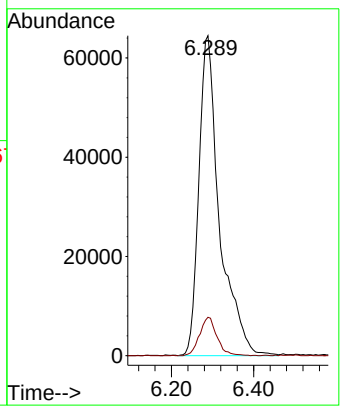




#23
Vinyl Acetate
Concen: 48.006 ug/l
RT: 6.289 min Scan# 7
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 22526

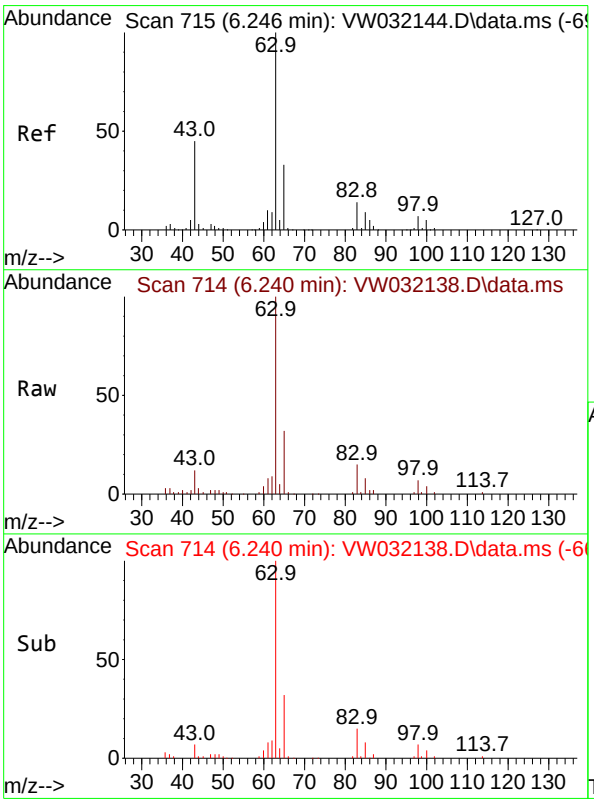
Ion	Ratio	Lower	Upper
43	100		
86	12.0	8.8	13.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

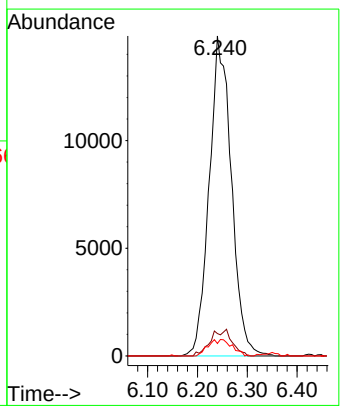
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

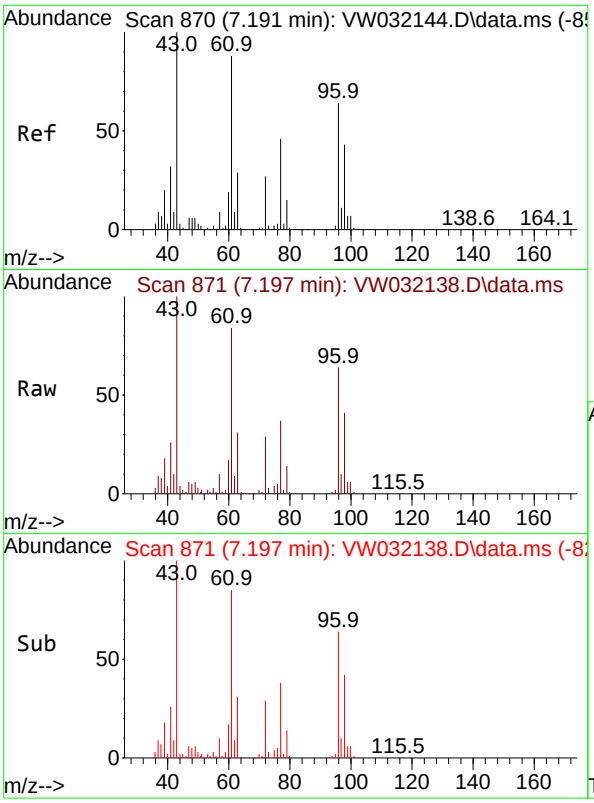


#24
1,1-Dichloroethane
Concen: 10.127 ug/l
RT: 6.240 min Scan# 714
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 63 Resp: 45759

Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.2
100	3.9	2.5	7.5

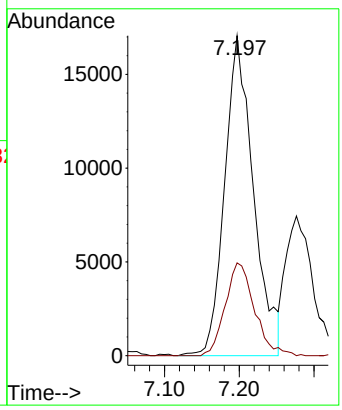




#25
2-Butanone
Concen: 49.314 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 4571

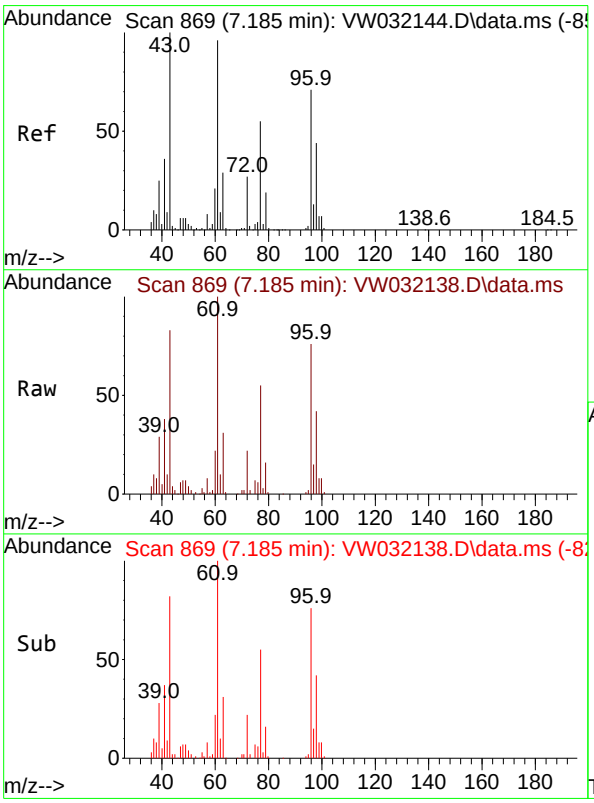
Ion	Ratio	Lower	Upper
43	100		
72	29.0	21.4	32.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

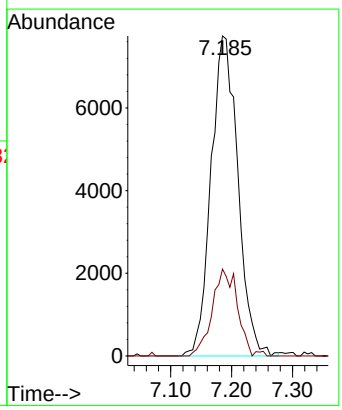
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

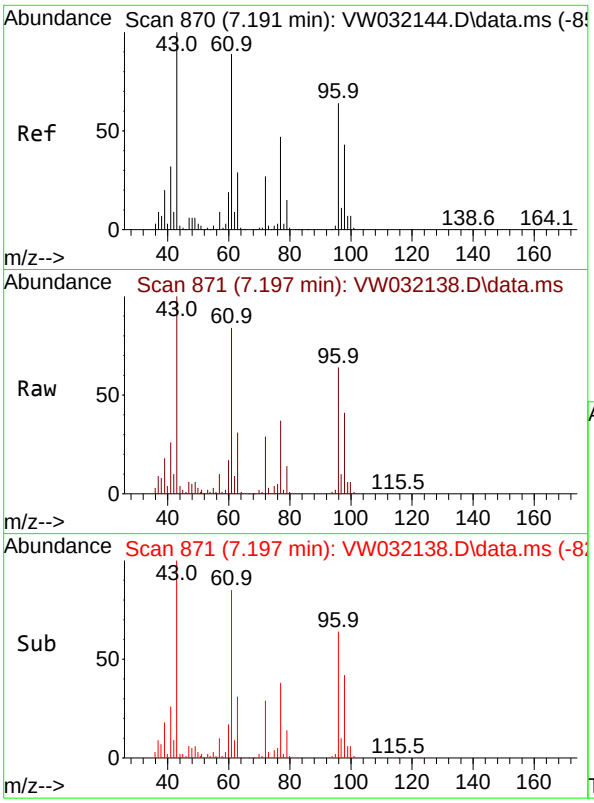


#26
2,2-Dichloropropane
Concen: 9.902 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 77 Resp: 23694

Ion	Ratio	Lower	Upper
77	100		
97	25.4	11.9	35.5

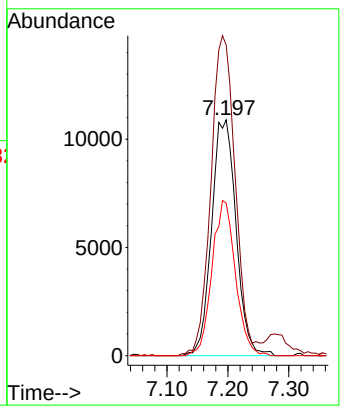




#27
cis-1,2-Dichloroethene
Concen: 10.030 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 96 Resp: 3043

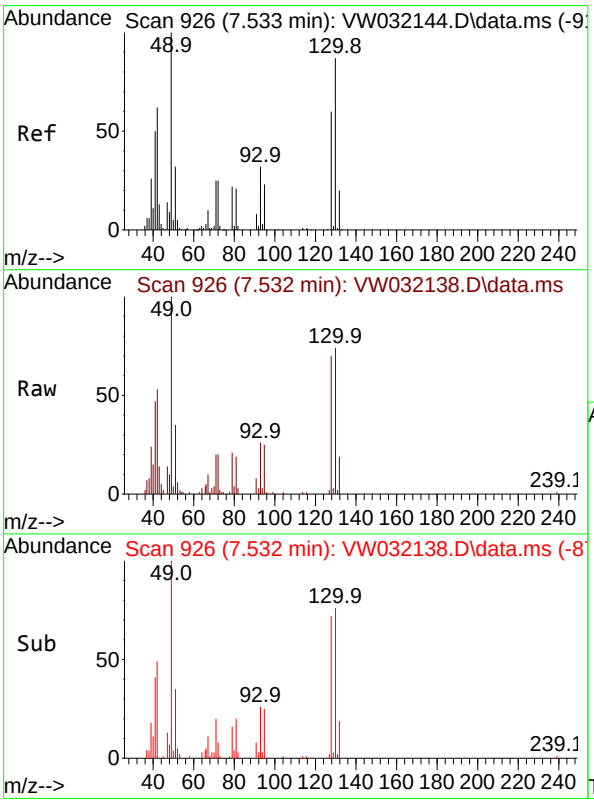
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	268.0
98	63.0	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

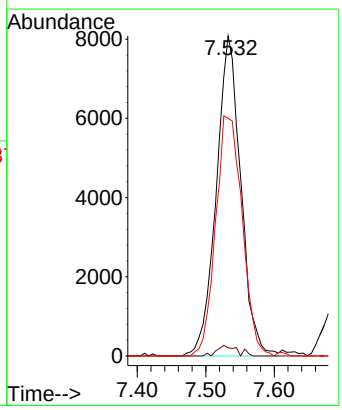
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

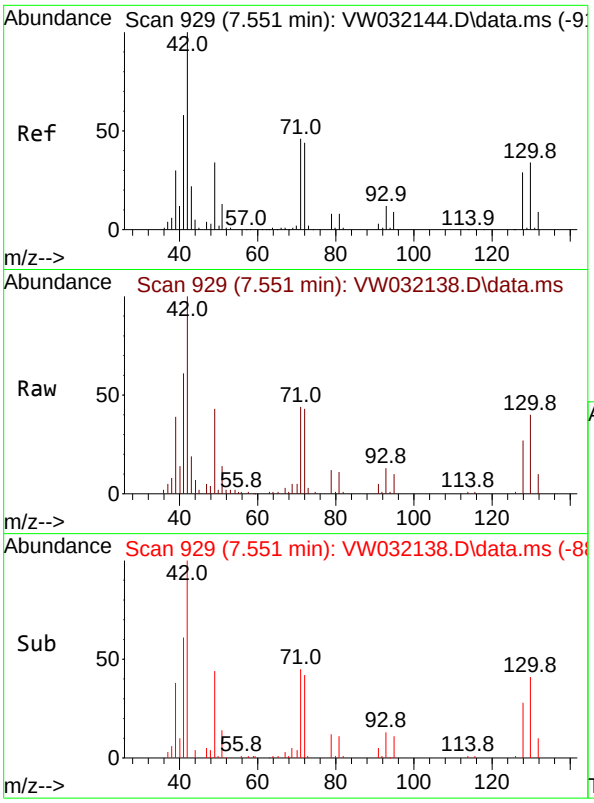


#28
Bromochloromethane
Concen: 9.697 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 49 Resp: 20056

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.2
130	81.2	67.5	101.3

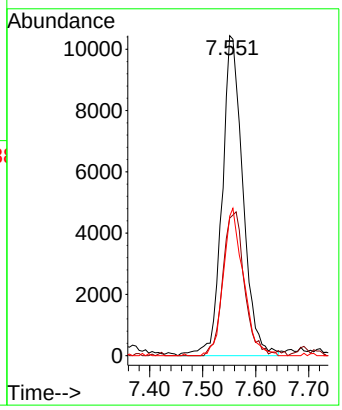




#29
Tetrahydrofuran
Concen: 48.254 ug/l
RT: 7.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 42 Resp: 2842

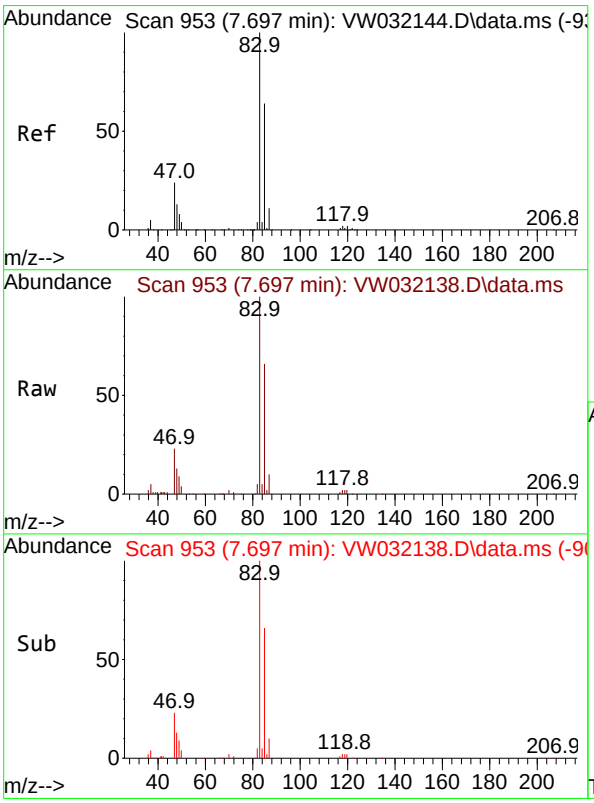
Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.4	56.2
71	44.8	36.0	54.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

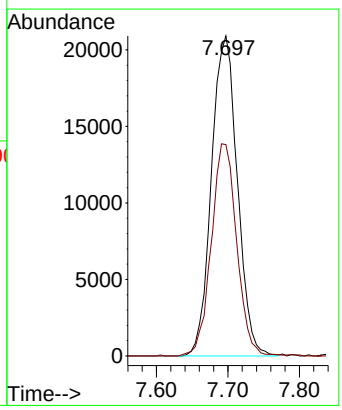
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

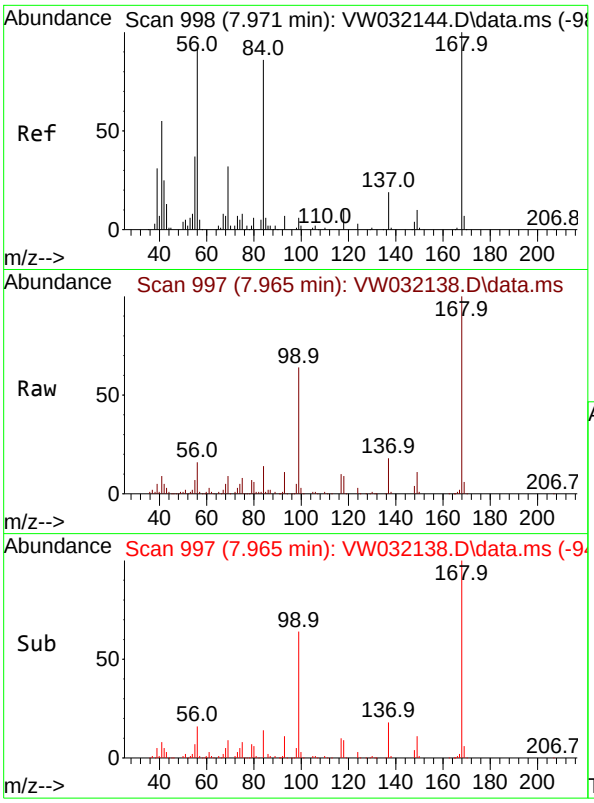


#30
Chloroform
Concen: 10.195 ug/l
RT: 7.697 min Scan# 953
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 83 Resp: 52596

Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.2	76.8





#31
Cyclohexane
Concen: 10.590 ug/l
RT: 7.965 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

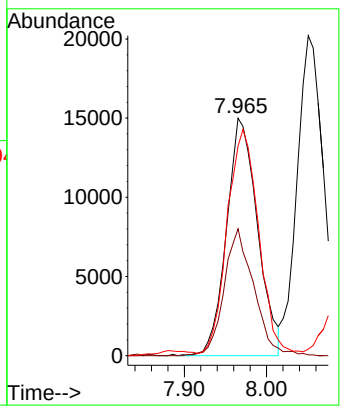
Tgt Ion: 56 Resp: 3927

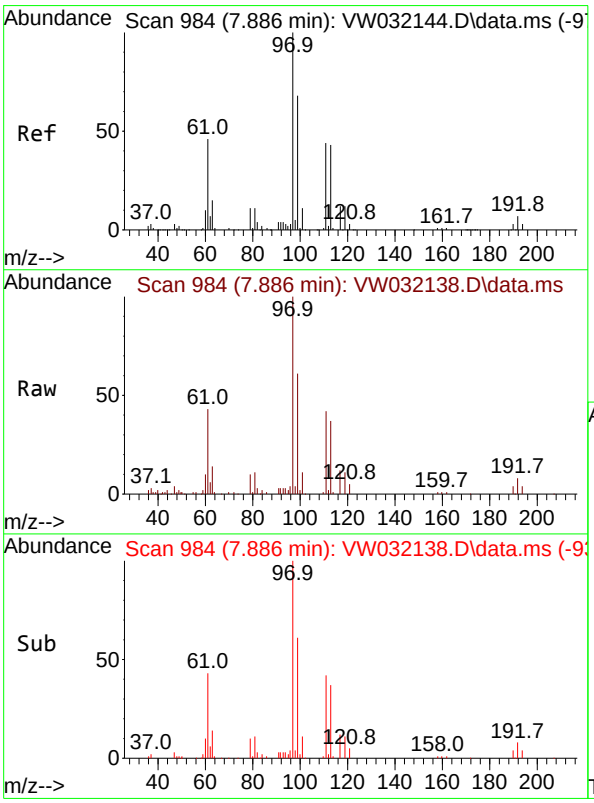
Ion	Ratio	Lower	Upper
56	100		
69	53.4	27.7	41.5
84	86.5	74.6	112.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

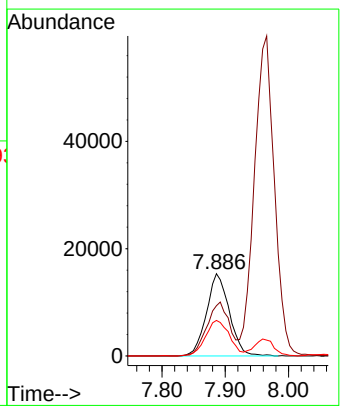


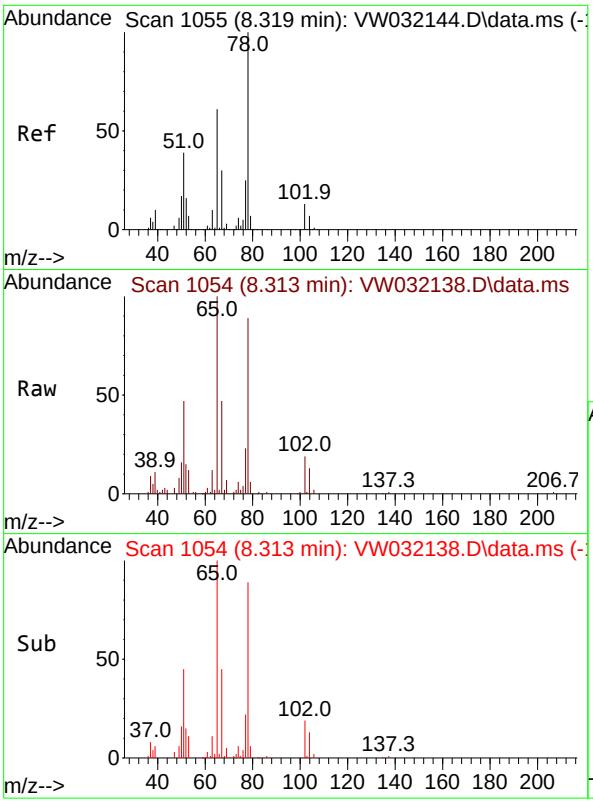


#32
1,1,1-Trichloroethane
Concen: 10.176 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 97 Resp: 38320

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	45.3	36.2	54.4

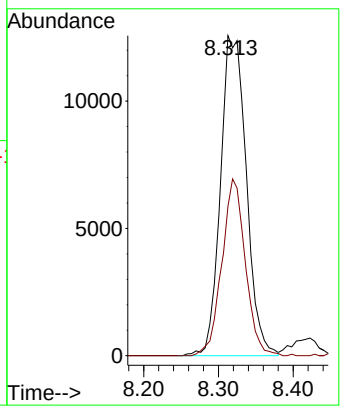




#33
1,2-Dichloroethane-d4
Concen: 10.005 ug/l
RT: 8.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 65 Resp: 3022

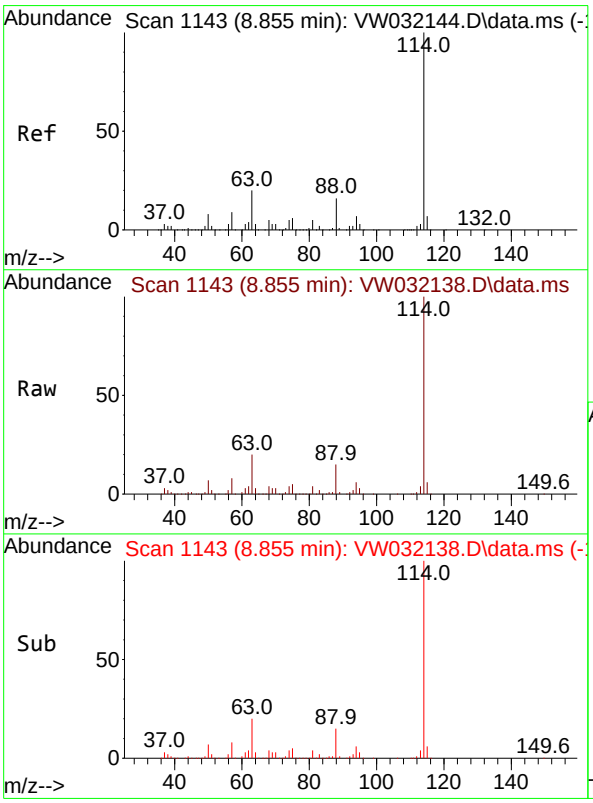
Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

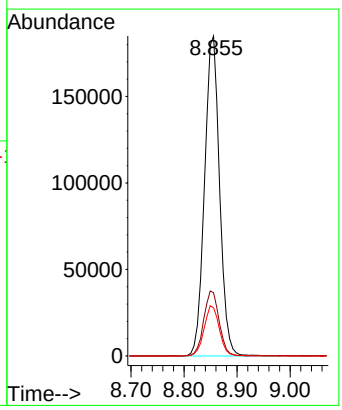
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

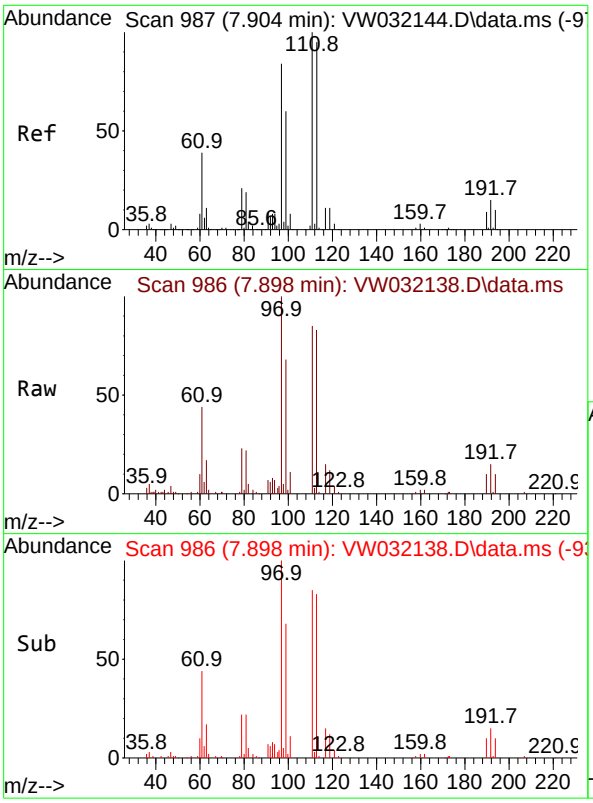


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:114 Resp: 363619

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.4
88	15.1	0.0	32.0

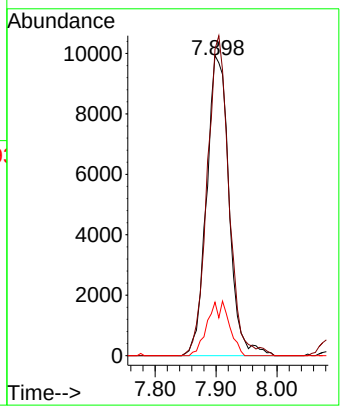




#35
Dibromofluoromethane
Concen: 9.980 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:113 Resp: 2546

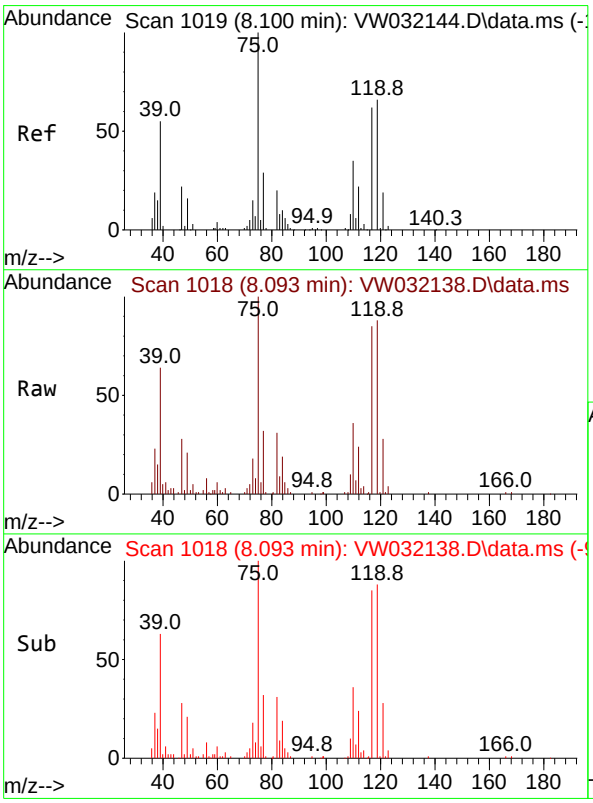
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.9	125.9
192	17.6	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

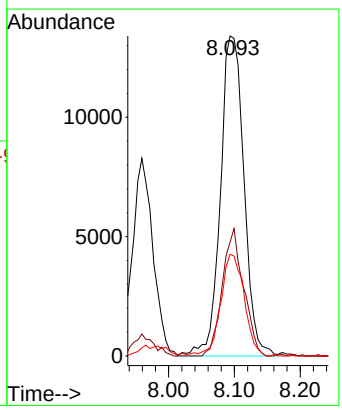
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

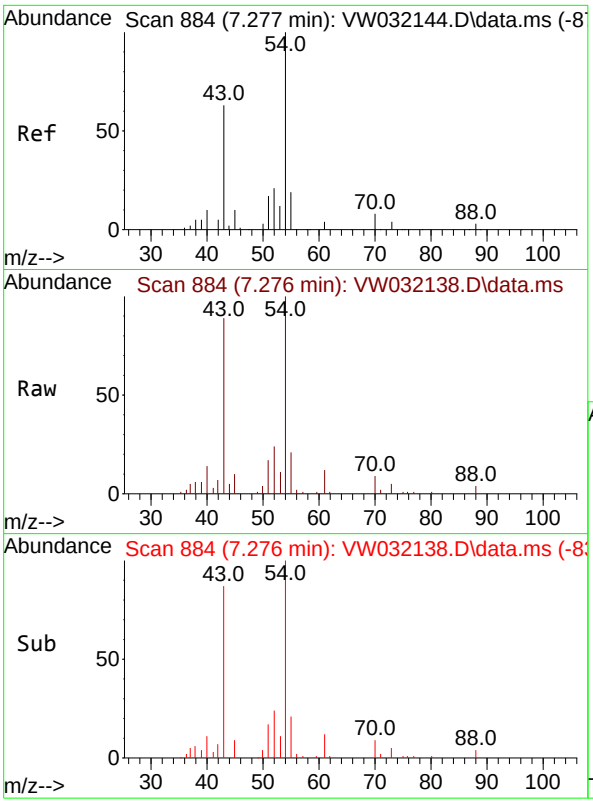


#36
1,1-Dichloropropene
Concen: 10.113 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 75 Resp: 33450

Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.5	52.5
77	31.7	24.1	36.1

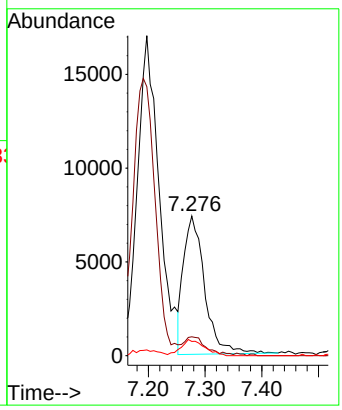




#37
Ethyl Acetate
Concen: 9.636 ug/l
RT: 7.276 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 1912

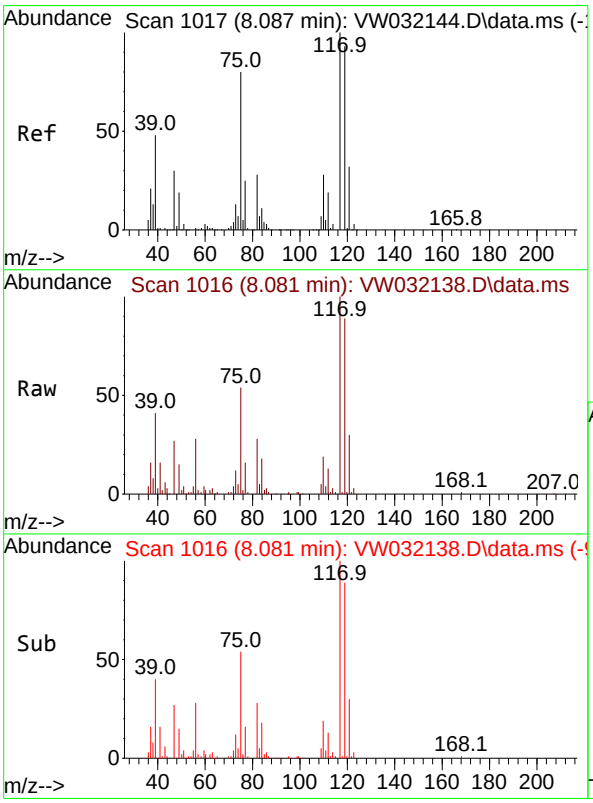
Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.3	16.9
70	12.6	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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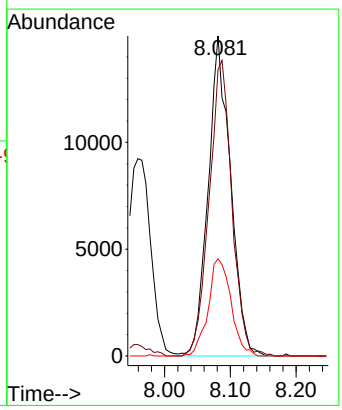
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

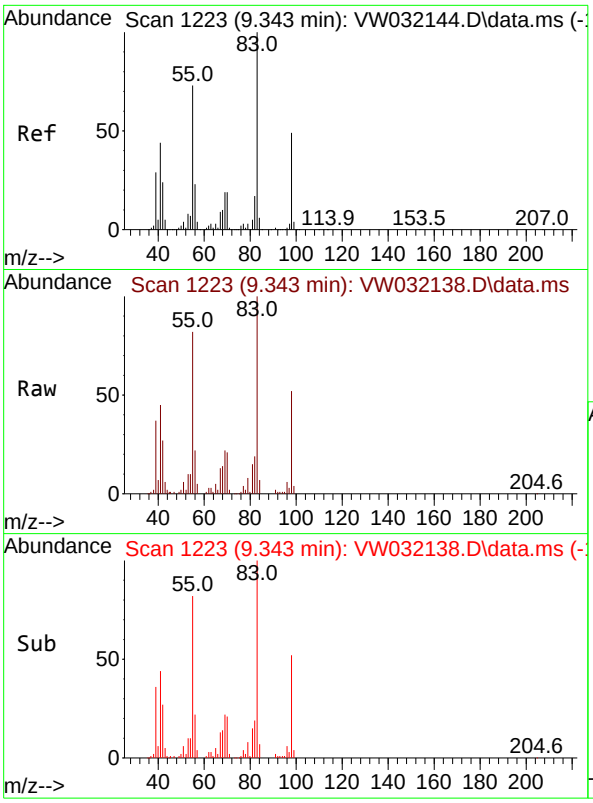


#38
Carbon Tetrachloride
Concen: 10.029 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:117 Resp: 35561

Ion	Ratio	Lower	Upper
117	100		
119	89.5	74.2	111.2
121	30.3	25.6	38.4





#39
Methylcyclohexane
Concen: 9.748 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

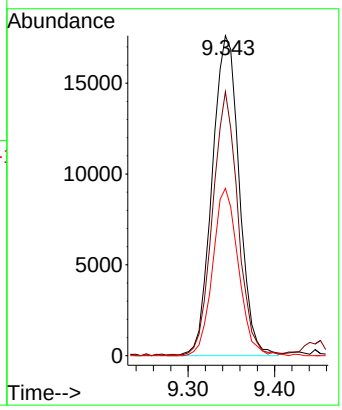
Tgt Ion: 83 Resp: 3819

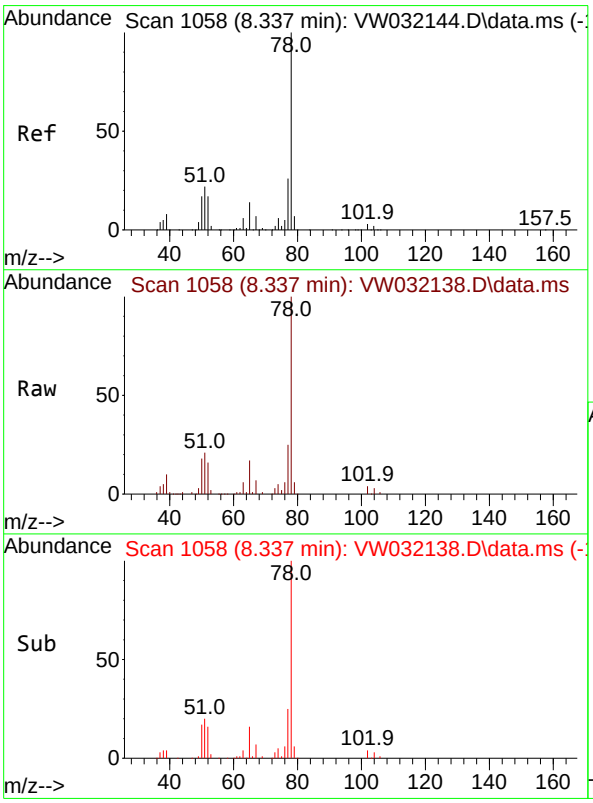
Ion	Ratio	Lower	Upper
83	100		
55	82.2	58.4	87.6
98	52.3	39.4	59.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

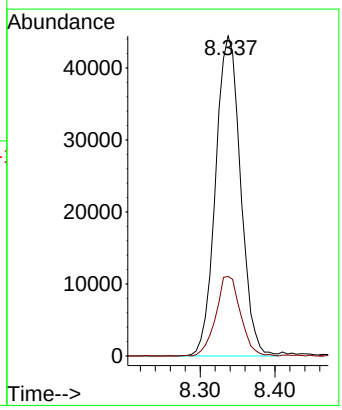


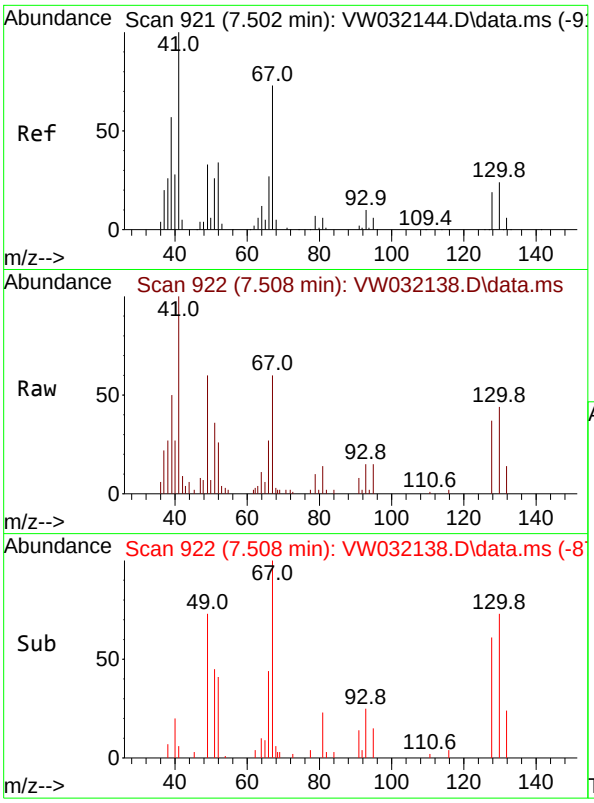


#40
Benzene
Concen: 10.107 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 78 Resp: 103343

Ion	Ratio	Lower	Upper
78	100		
77	24.8	20.7	31.1

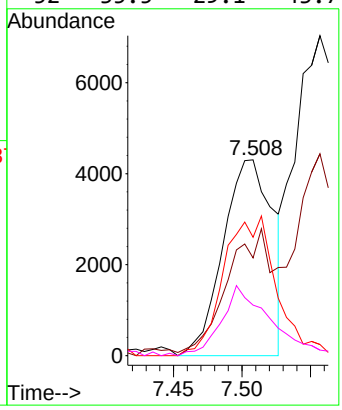




#41
Methacrylonitrile
Concen: 9.834 ug/l
RT: 7.508 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 41 Resp: 1084

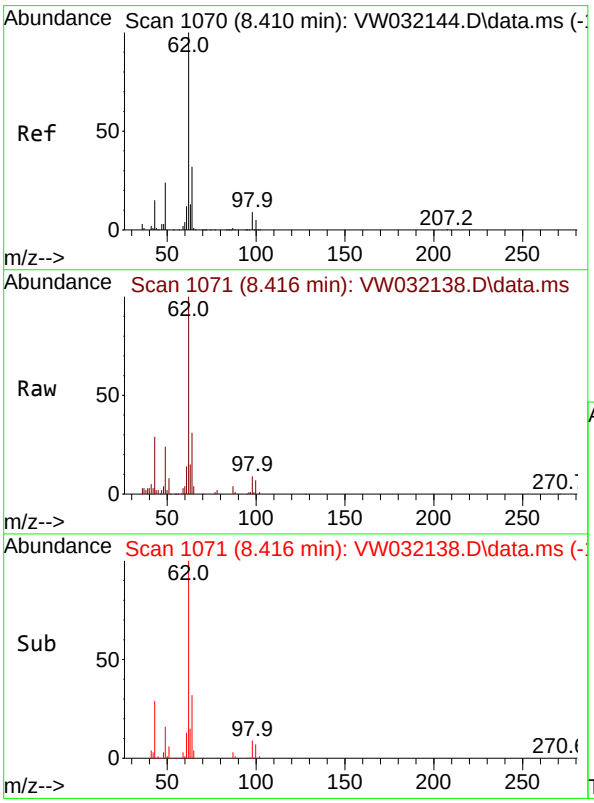
Ion	Ratio	Lower	Upper
41	100		
39	57.3	50.9	76.3
67	75.3	65.6	98.4
52	35.5	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

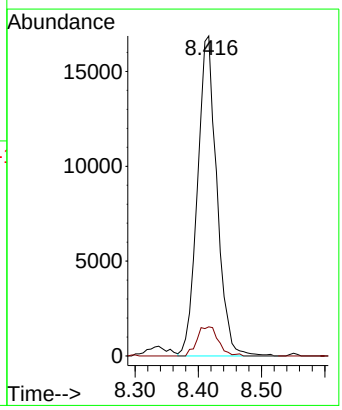
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

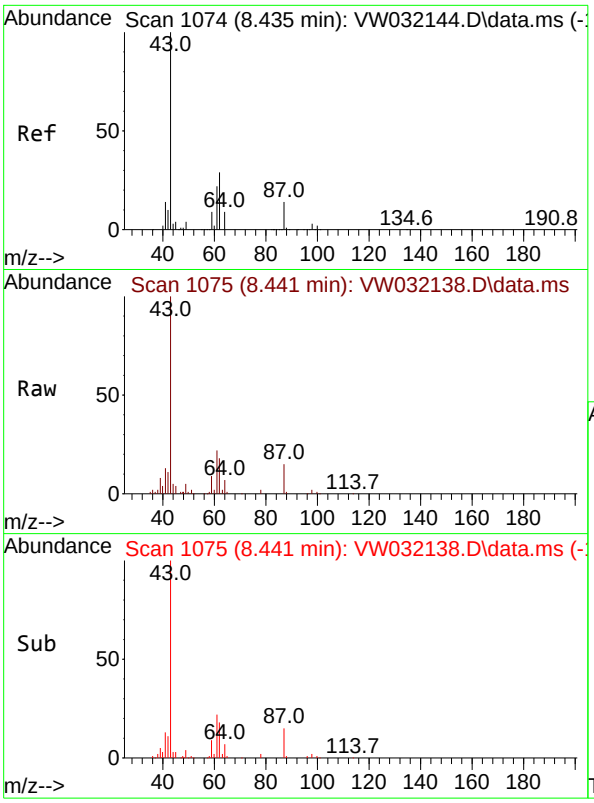


#42
1,2-Dichloroethane
Concen: 10.144 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 62 Resp: 35957

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.0

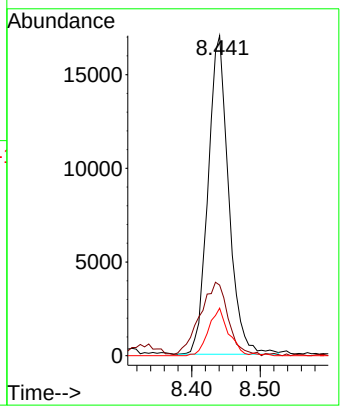




#43
Isopropyl Acetate
Concen: 9.528 ug/l
RT: 8.441 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 3547

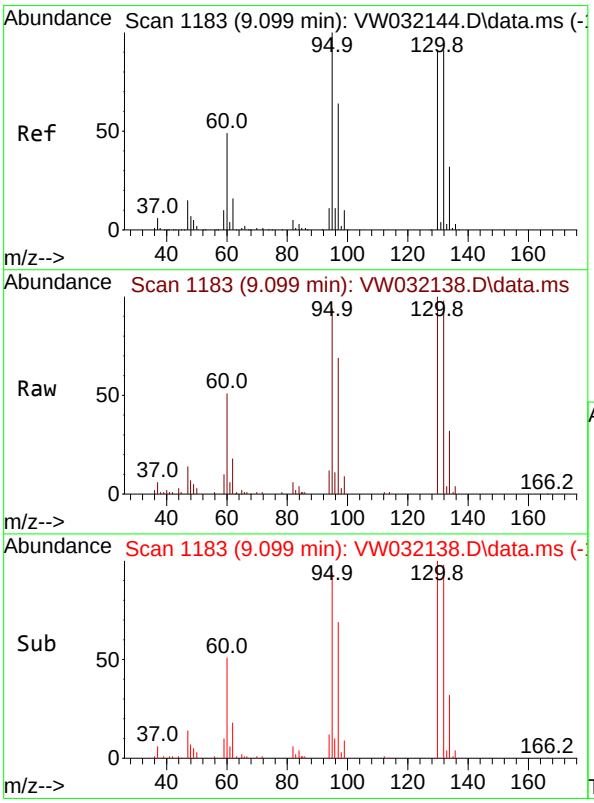
Ion	Ratio	Lower	Upper
43	100		
61	31.7	23.3	34.9
87	14.5	11.1	16.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

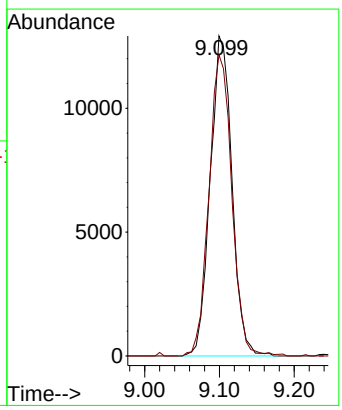
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

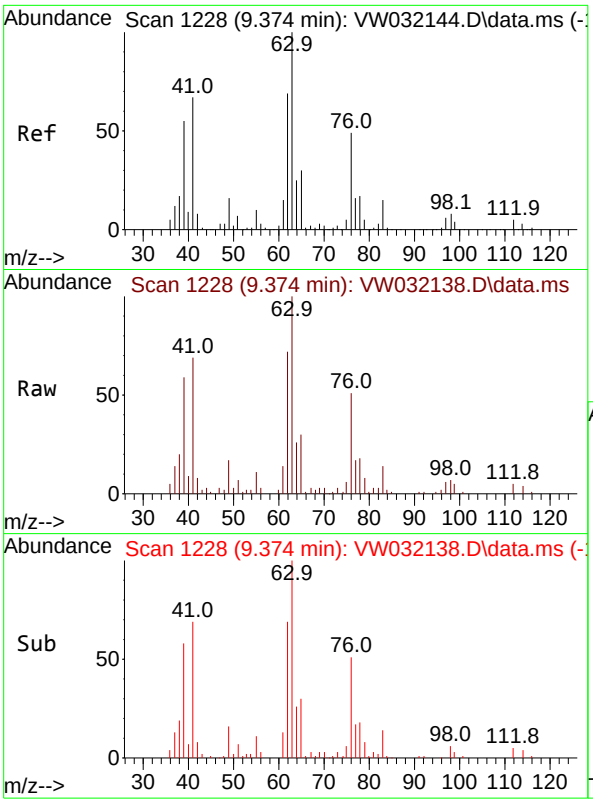


#44
Trichloroethene
Concen: 10.156 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:130 Resp: 26114

Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	220.0

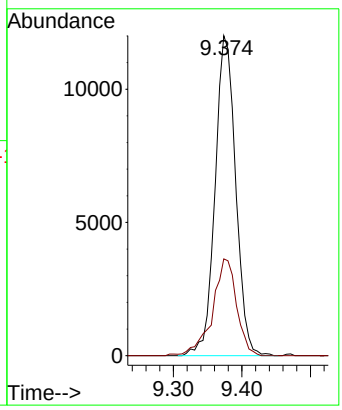




#45
1,2-Dichloropropane
Concen: 10.162 ug/l
RT: 9.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 63 Resp: 2504

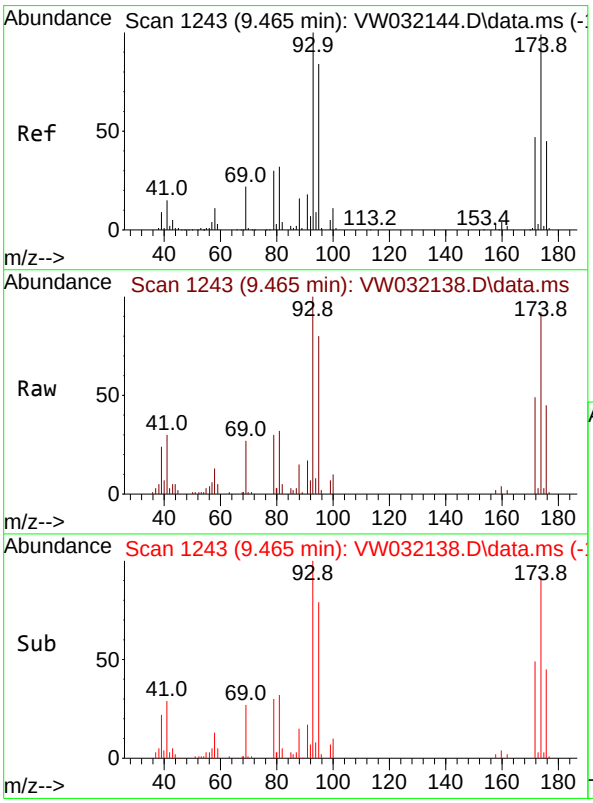
Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

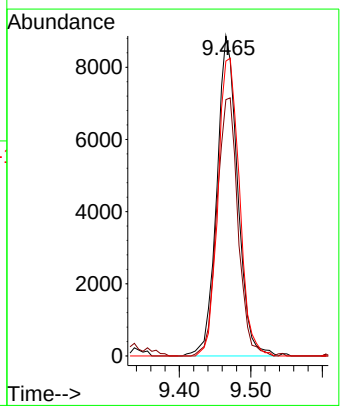
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

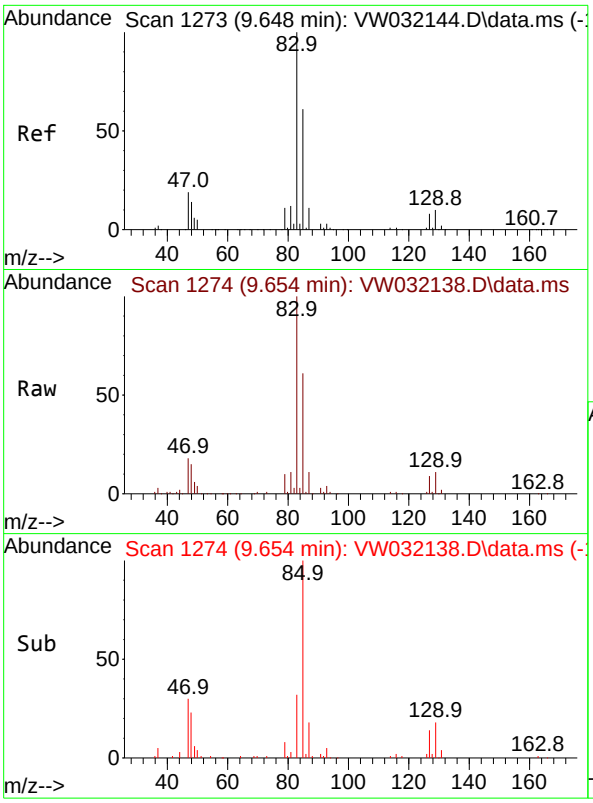


#46
Dibromomethane
Concen: 10.408 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 93 Resp: 17993

Ion	Ratio	Lower	Upper
93	100		
95	81.5	67.4	101.2
174	95.5	75.7	113.5

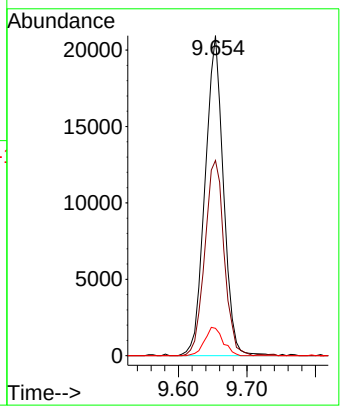




#47
Bromodichloromethane
Concen: 9.928 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 83 Resp: 3900

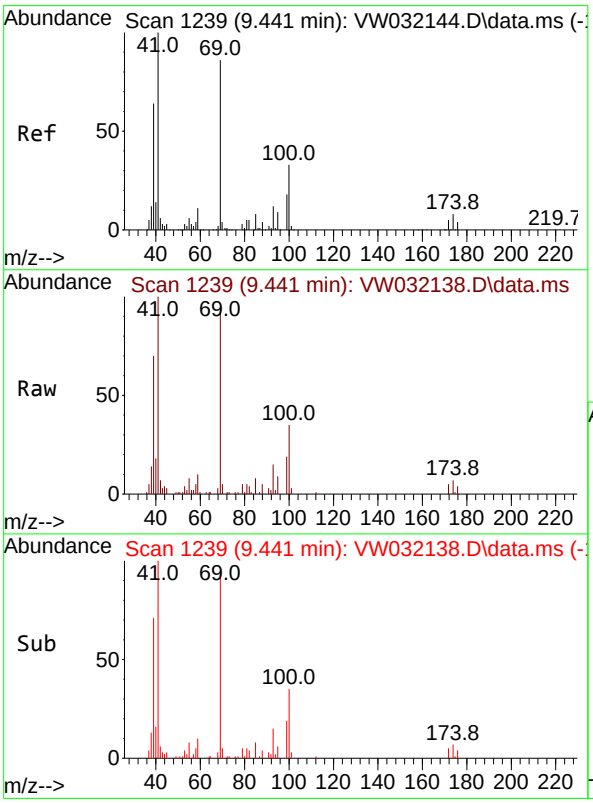
Ion	Ratio	Lower	Upper
83	100		
85	61.0	48.7	73.1
127	8.6	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

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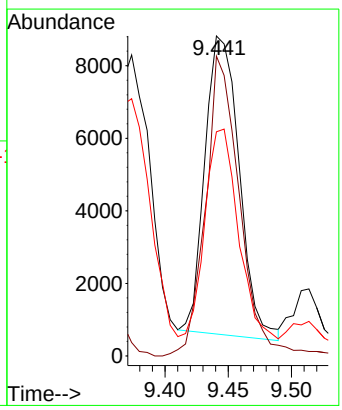
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

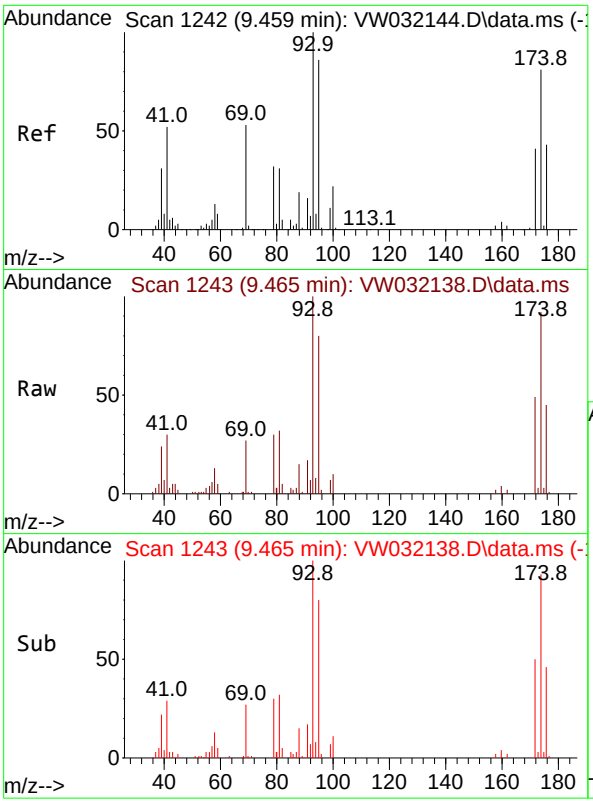


#48
Methyl methacrylate
Concen: 9.026 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 41 Resp: 15484

Ion	Ratio	Lower	Upper
41	100		
69	100.6	71.5	107.3
39	80.2	55.9	83.9

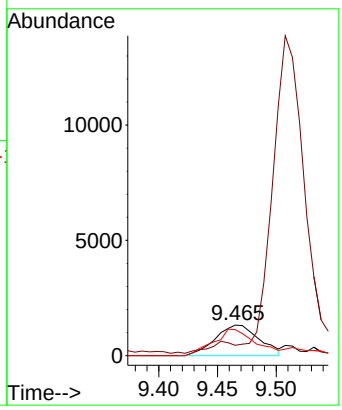




#49
1,4-Dioxane
Concen: 164.547 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 88 Resp: 343

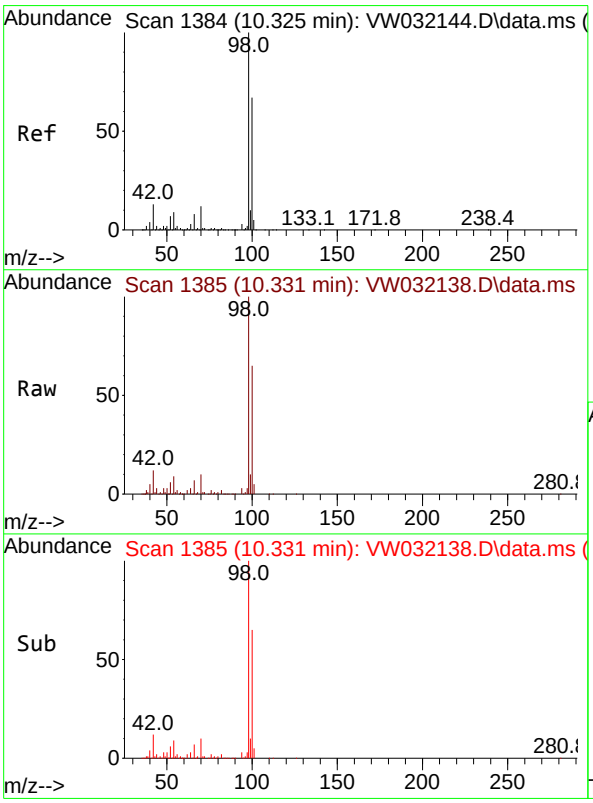
Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.0	27.0#
58	81.7	55.4	83.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

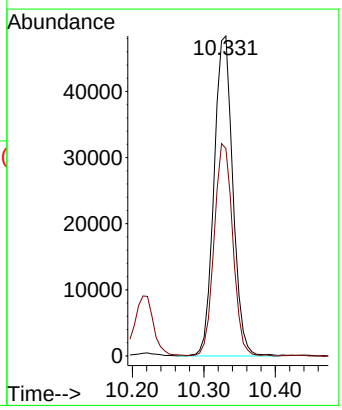
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

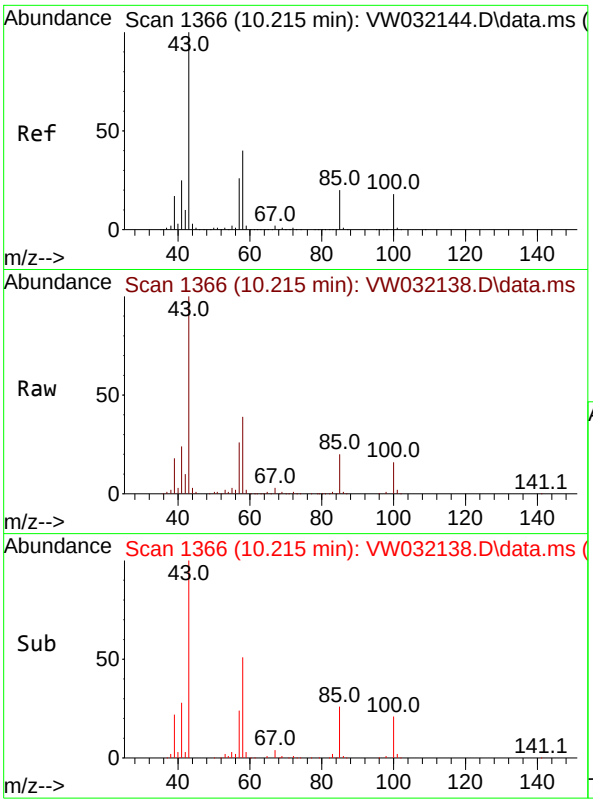


#50
Toluene-d8
Concen: 9.864 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 98 Resp: 88342

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.4	77.2

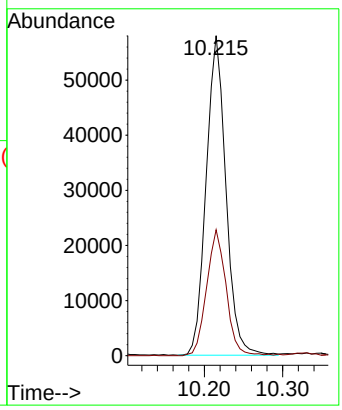




#51
4-Methyl-2-Pentanone
Concen: 48.302 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 10152

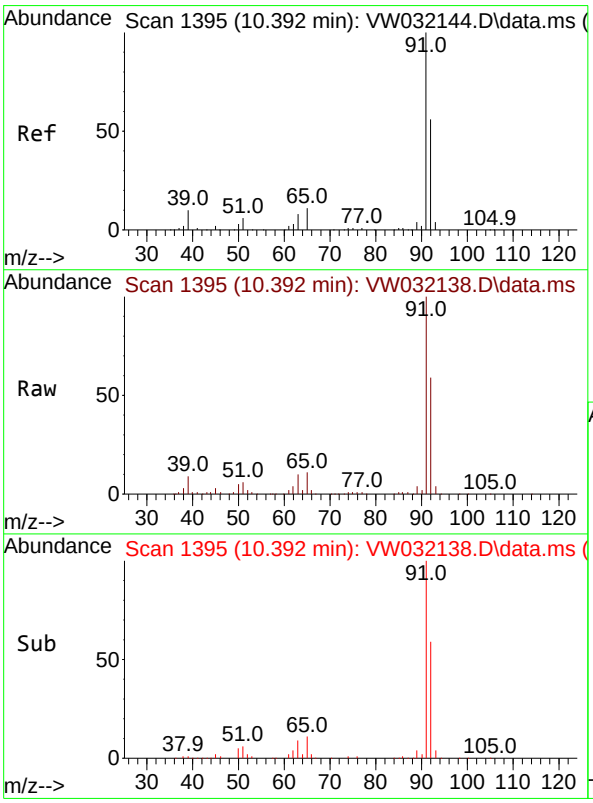
Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.0	48.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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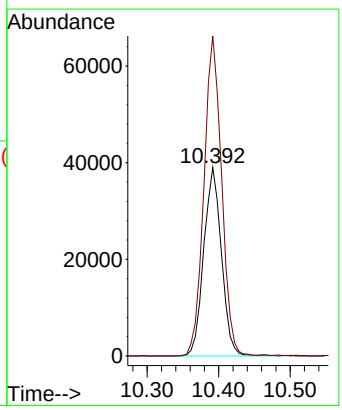
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

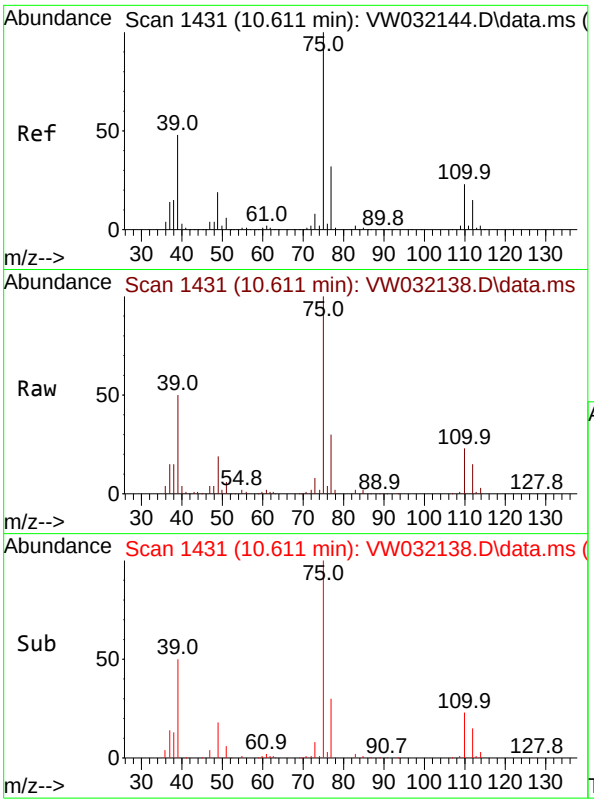


#52
Toluene
Concen: 10.012 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 92 Resp: 66895

Ion	Ratio	Lower	Upper
92	100		
91	170.1	137.5	206.3





#53
t-1,3-Dichloropropene
Concen: 9.366 ug/l
RT: 10.611 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

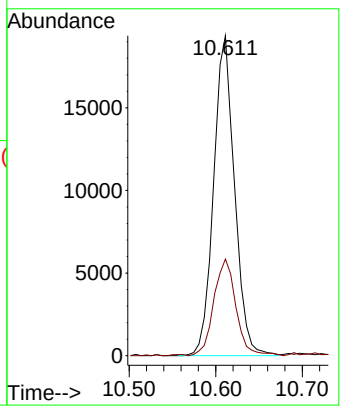
Tgt Ion: 75 Resp: 3246

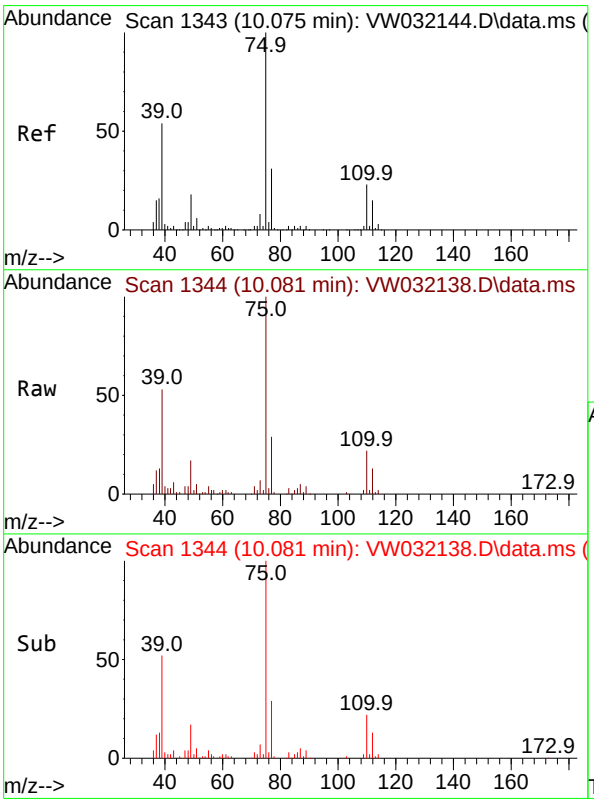
Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.6	38.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

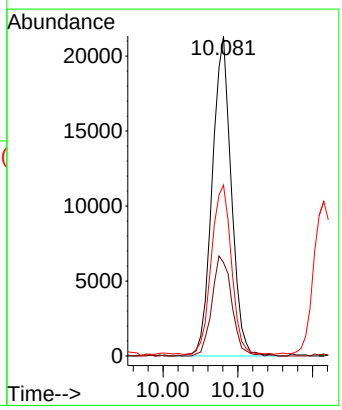


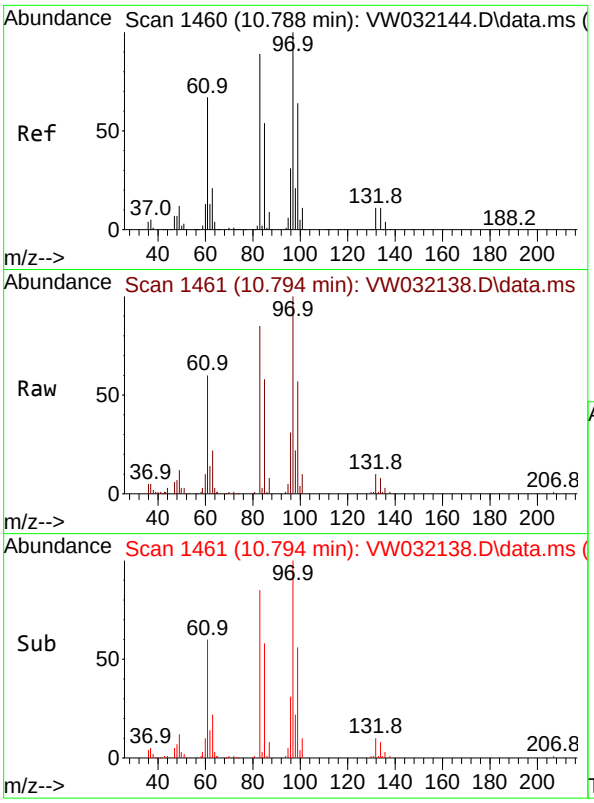


#54
cis-1,3-Dichloropropene
Concen: 9.547 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 75 Resp: 37752

Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.1	37.7
39	52.7	43.2	64.8

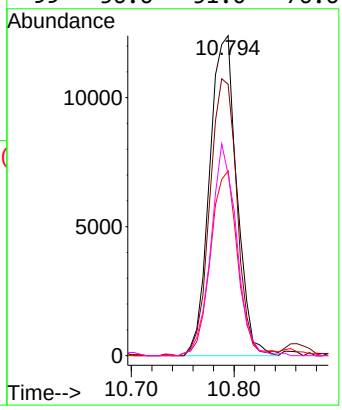




#55
1,1,2-Trichloroethane
Concen: 10.143 ug/l
RT: 10.794 min Scan# 14
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 97 Resp: 2280

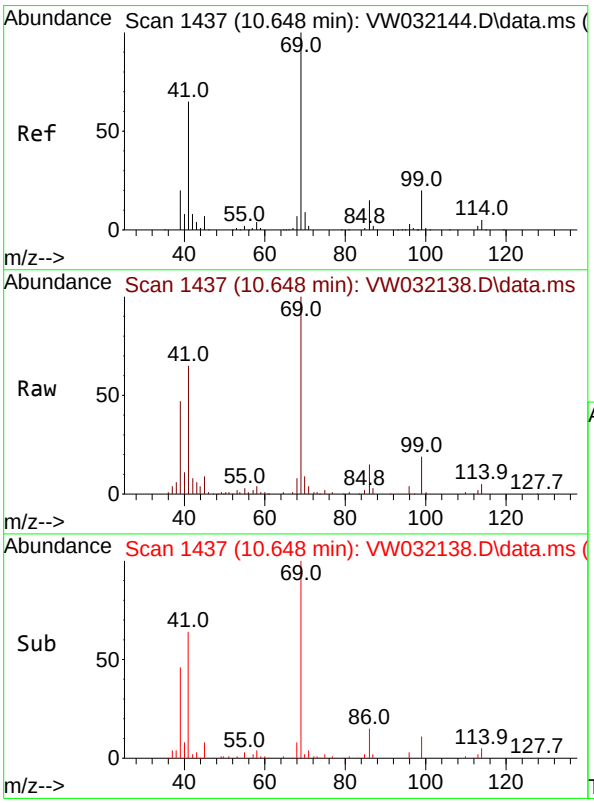
Ion	Ratio	Lower	Upper
97	100		
83	84.8	71.0	106.6
85	57.8	42.8	64.2
99	56.6	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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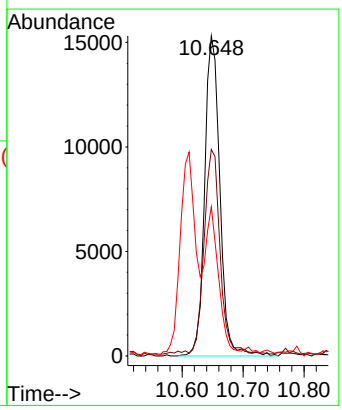
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

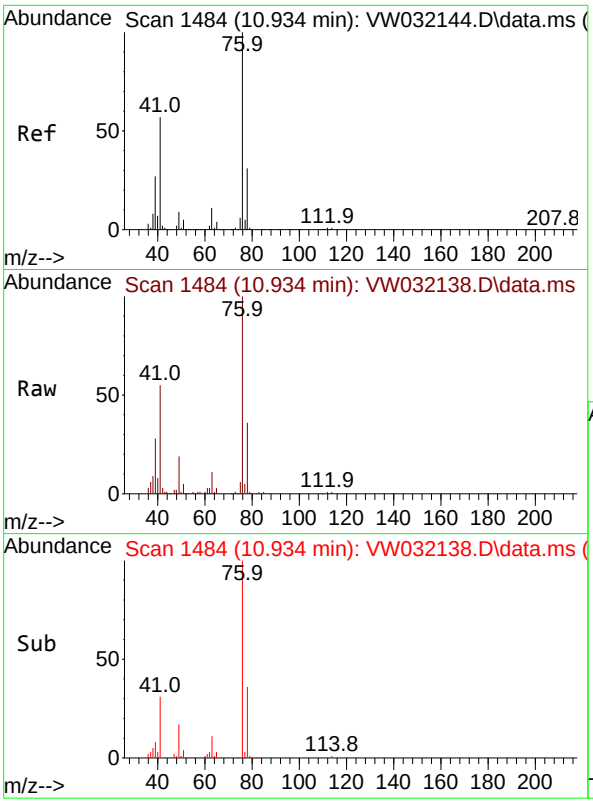


#56
Ethyl methacrylate
Concen: 9.259 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 69 Resp: 26610

Ion	Ratio	Lower	Upper
69	100		
41	69.2	53.2	79.8
39	39.9	32.9	49.3

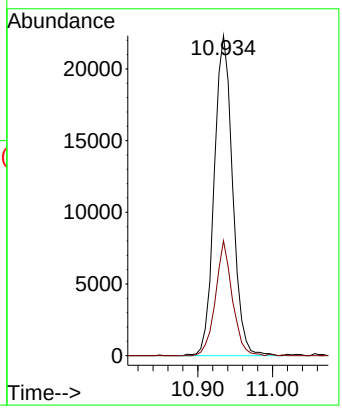




#57
1,3-Dichloropropane
Concen: 10.119 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 76 Resp: 3809

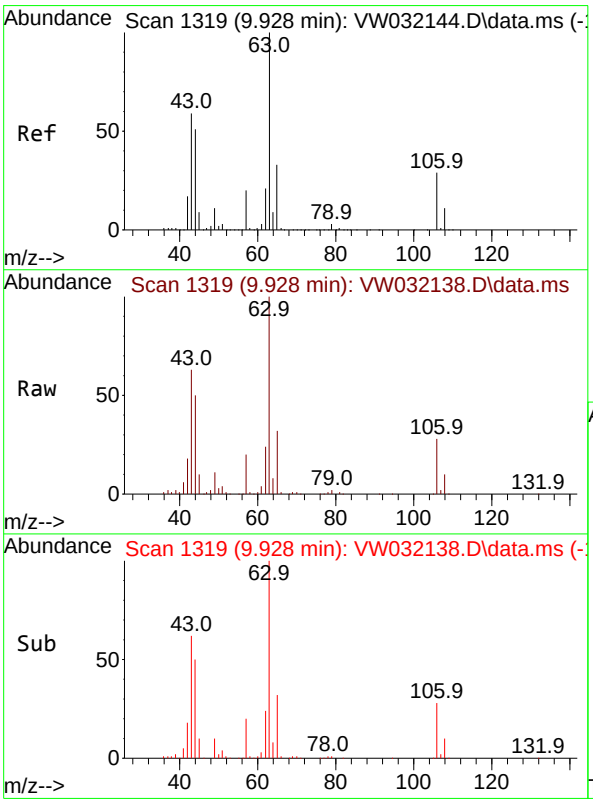
Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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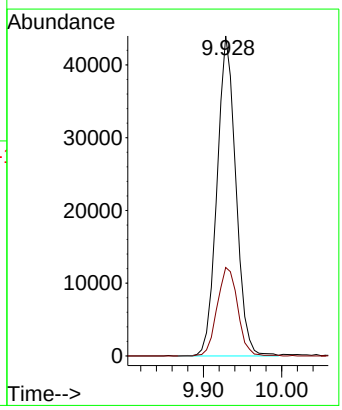
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

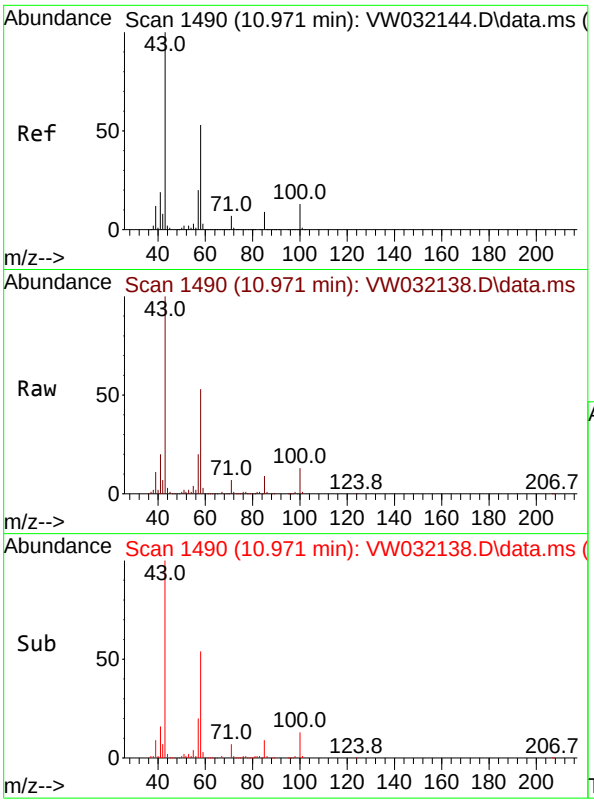


#58
2-Chloroethyl Vinyl ether
Concen: 48.041 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 63 Resp: 73697

Ion	Ratio	Lower	Upper
63	100		
106	30.1	24.3	36.5





#59
2-Hexanone
Concen: 46.989 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

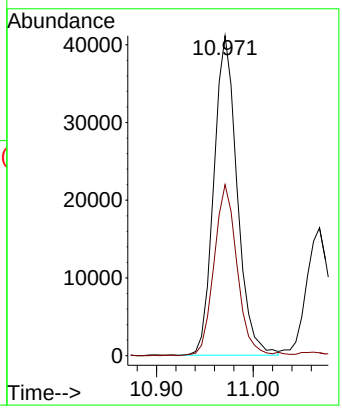
Tgt Ion: 43 Resp: 6869

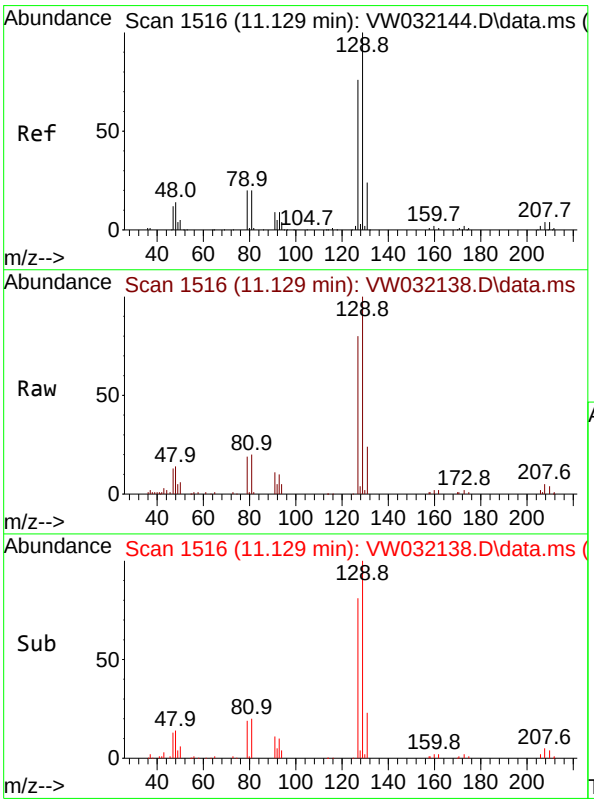
Ion	Ratio	Lower	Upper
43	100		
58	52.9	27.5	82.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

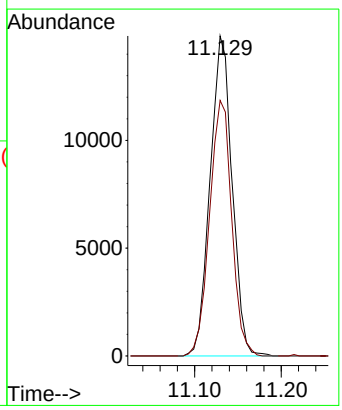


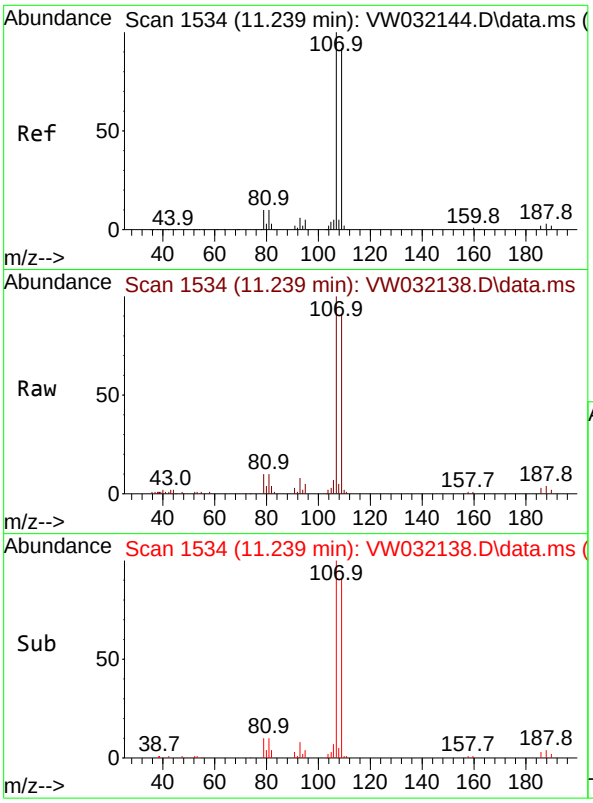


#60
Dibromochloromethane
Concen: 9.626 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:129 Resp: 26185

Ion	Ratio	Lower	Upper
129	100		
127	80.3	38.1	114.5





#61
1,2-Dibromoethane
Concen: 10.151 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

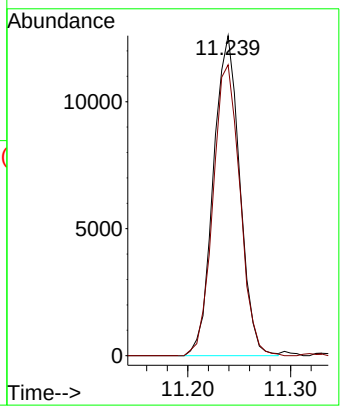
Tgt Ion:107 Resp: 2244

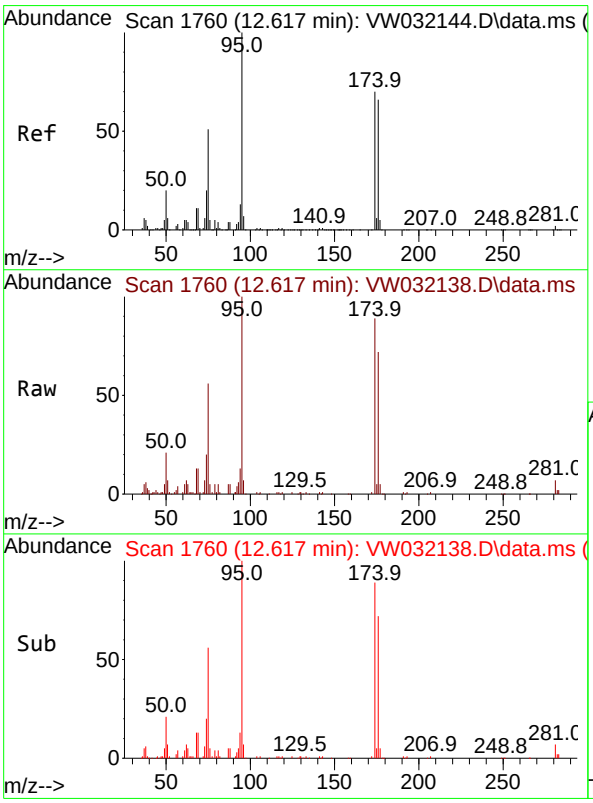
Ion	Ratio	Lower	Upper
107	100		
109	92.9	74.5	111.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

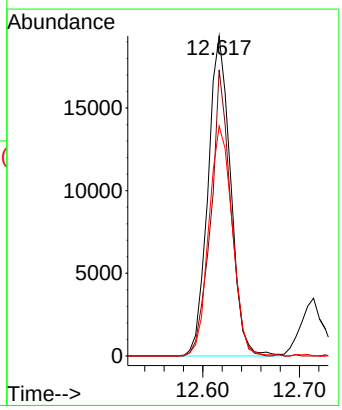


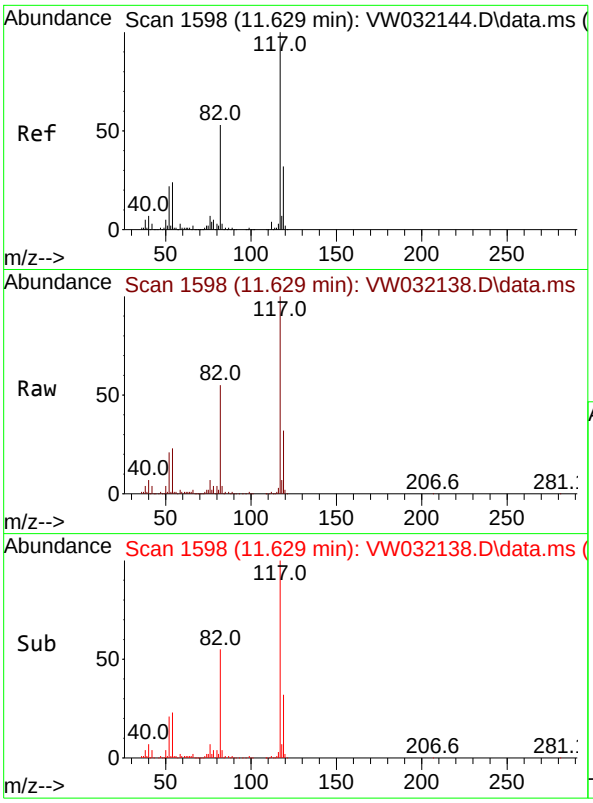


#62
4-Bromofluorobenzene
Concen: 9.461 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 95 Resp: 31333

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	145.6
176	74.8	0.0	140.8

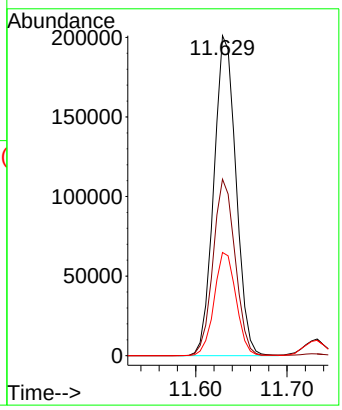




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:117 Resp: 33842

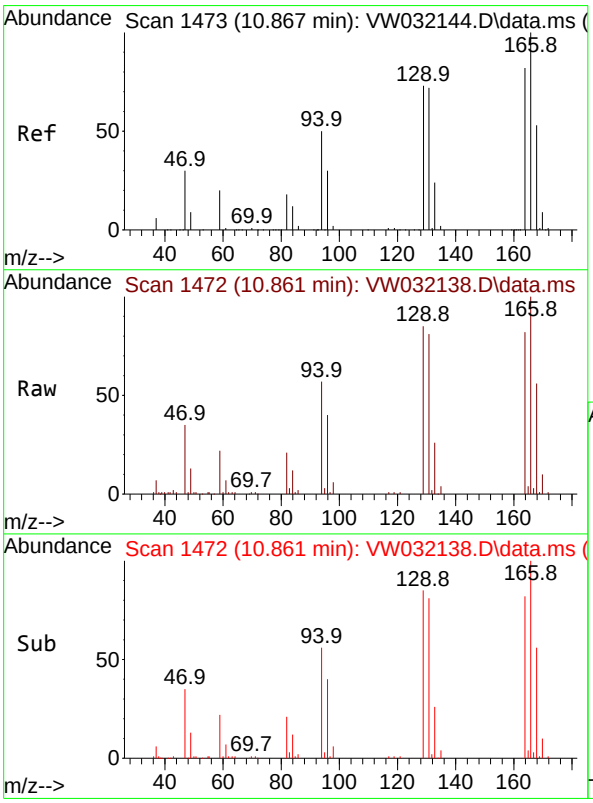
Ion	Ratio	Lower	Upper
117	100		
82	55.1	42.7	64.1
119	32.2	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

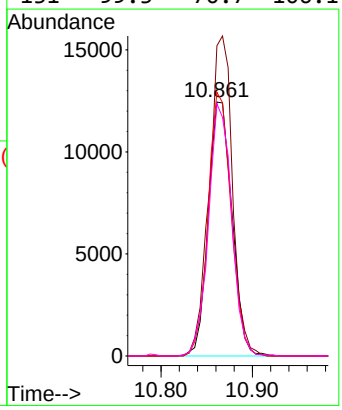
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

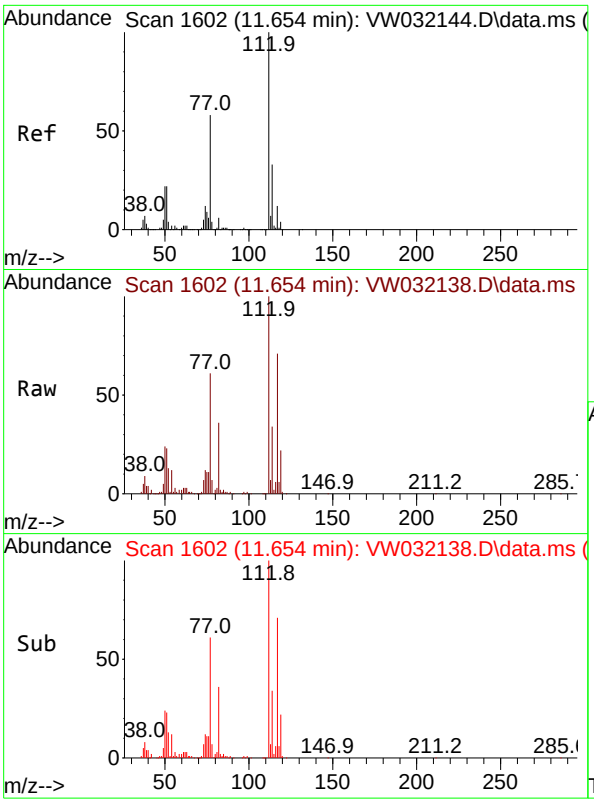


#64
Tetrachloroethene
Concen: 10.095 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:164 Resp: 22486

Ion	Ratio	Lower	Upper
164	100		
166	122.2	97.5	146.3
129	103.8	71.2	106.8
131	99.3	70.7	106.1

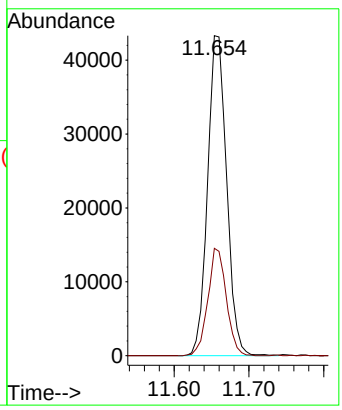




#65
Chlorobenzene
Concen: 9.948 ug/l
RT: 11.654 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:112 Resp: 7663

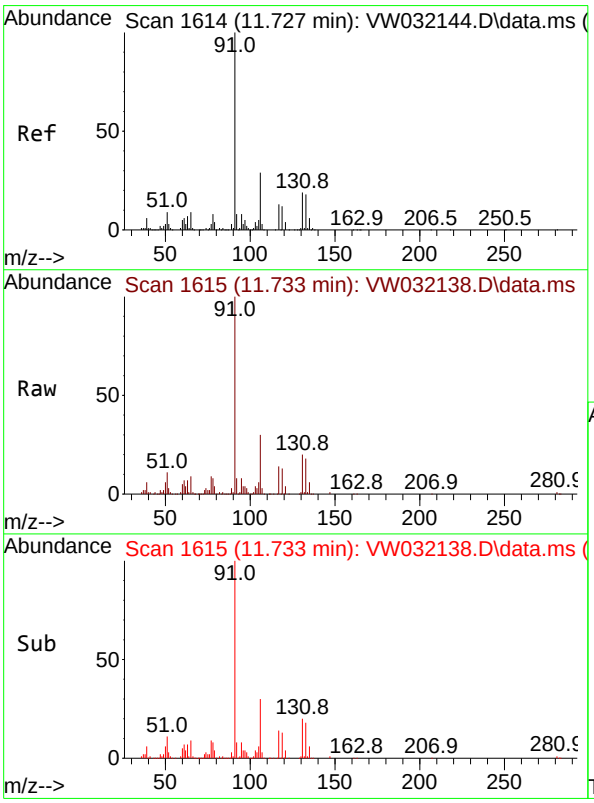
Ion	Ratio	Lower	Upper
112	100		
114	33.6	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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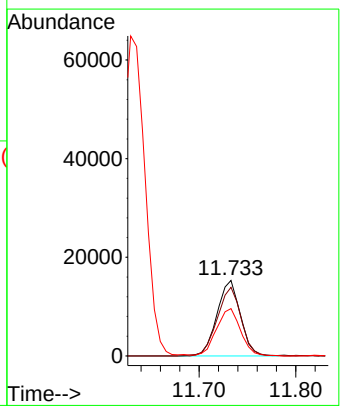
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

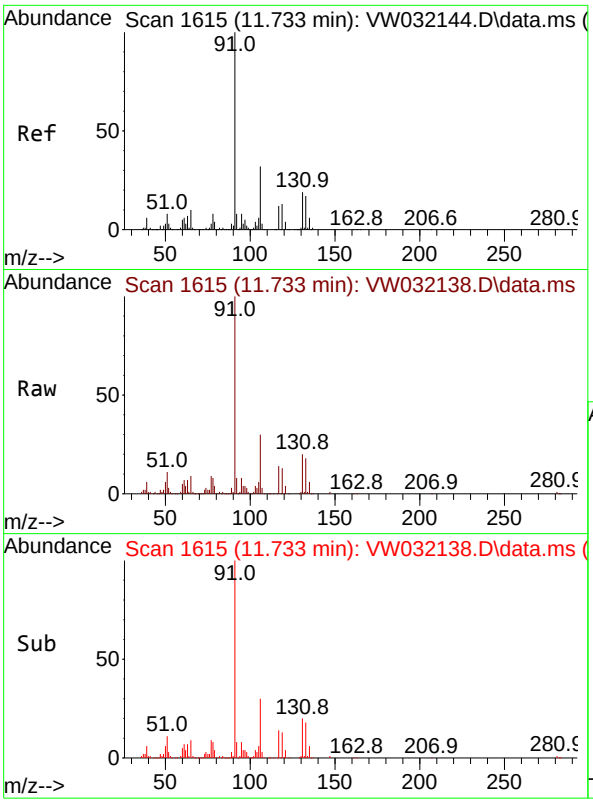


#66
1,1,1,2-Tetrachloroethane
Concen: 10.127 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:131 Resp: 25682

Ion	Ratio	Lower	Upper
131	100		
133	92.7	47.7	143.1
119	65.0	32.8	98.3

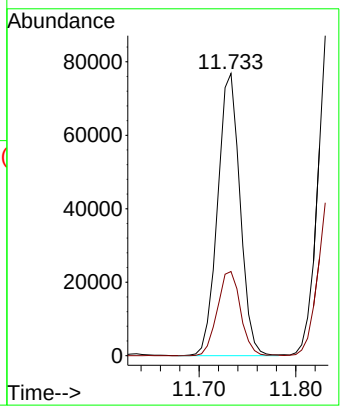




#67
Ethyl Benzene
Concen: 9.775 ug/l
RT: 11.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 91 Resp: 12337

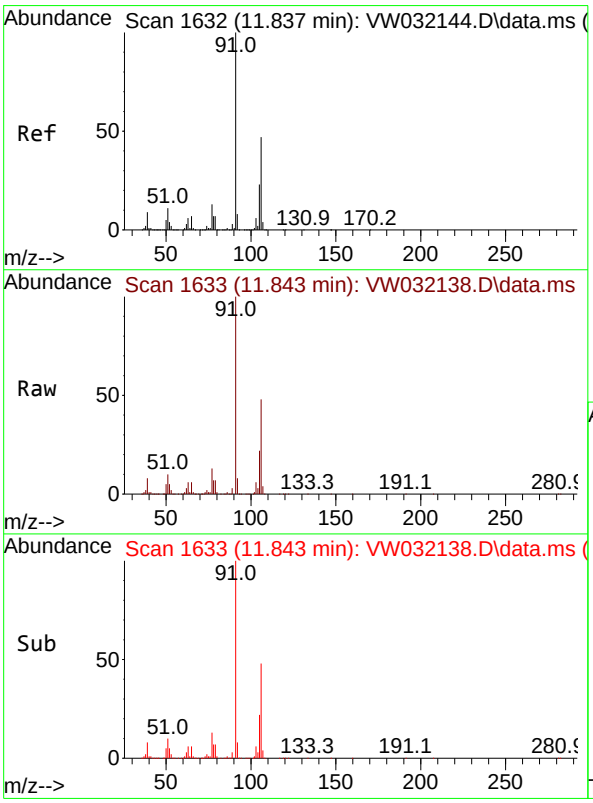
Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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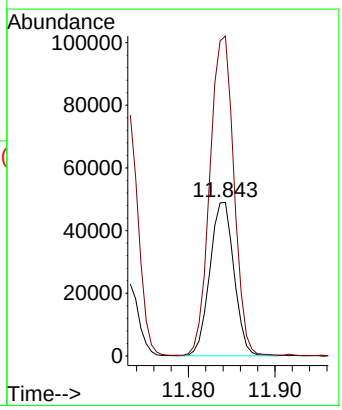
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

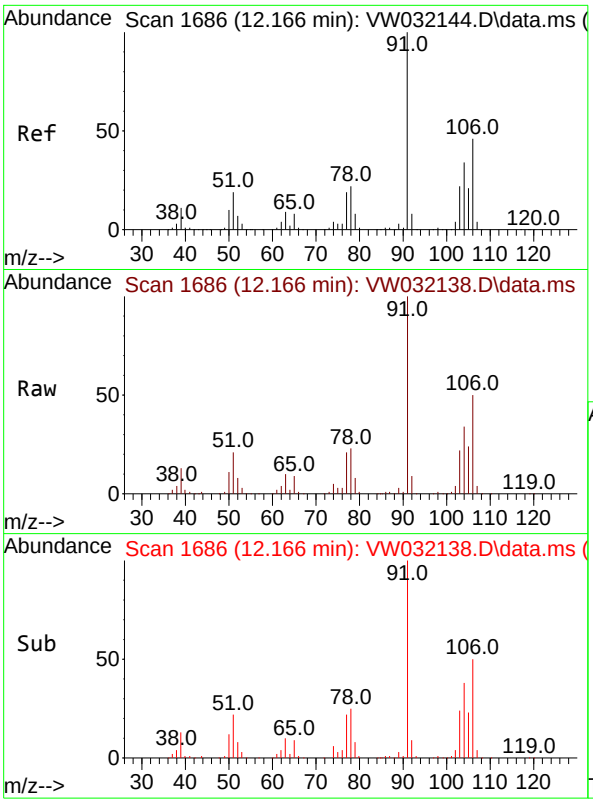


#68
m/p-Xylenes
Concen: 19.521 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:106 Resp: 94822

Ion	Ratio	Lower	Upper
106	100		
91	207.1	164.2	246.2

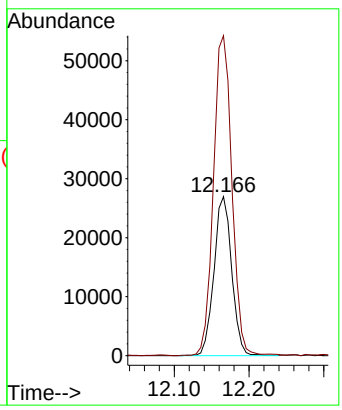




#69
o-Xylene
Concen: 9.709 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:106 Resp: 4461

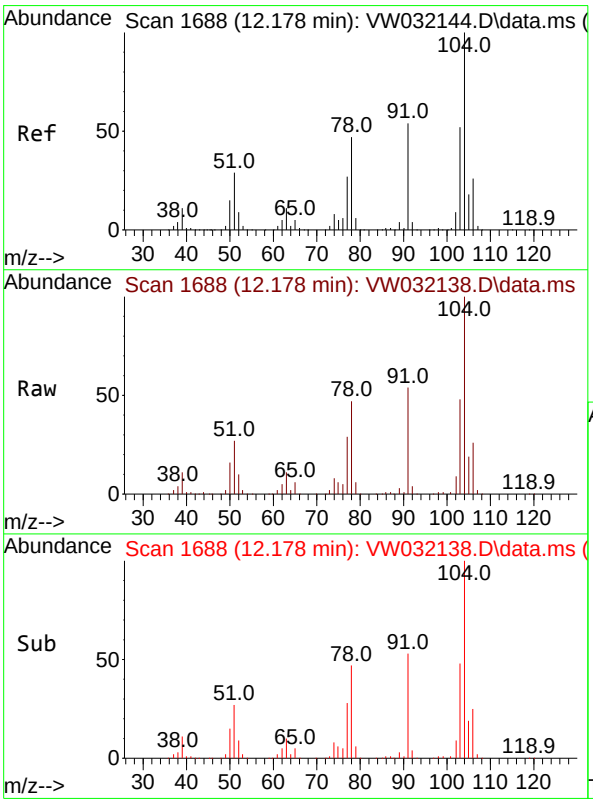
Ion	Ratio	Lower	Upper
106	100		
91	209.3	108.7	326.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

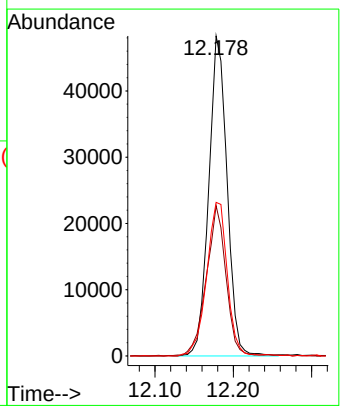
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

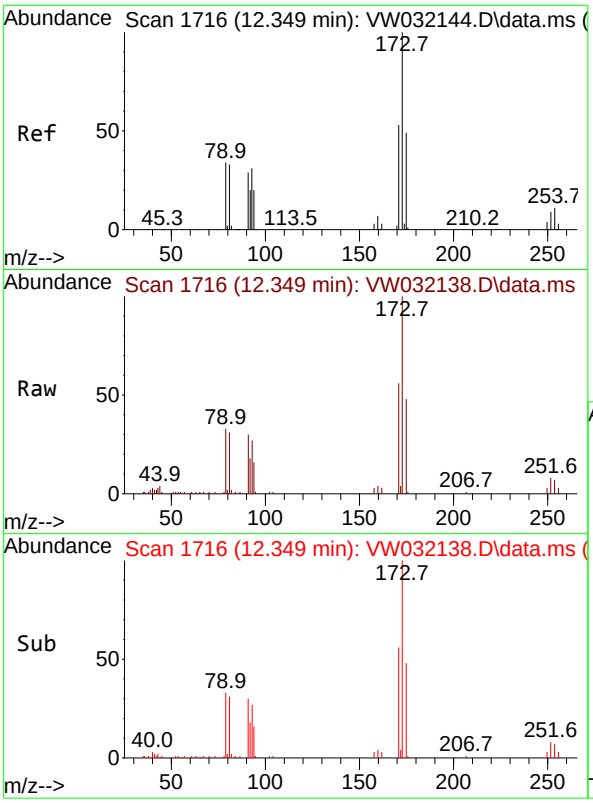


#70
Styrene
Concen: 9.692 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:104 Resp: 78501

Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.6	62.4
103	54.3	44.8	67.2

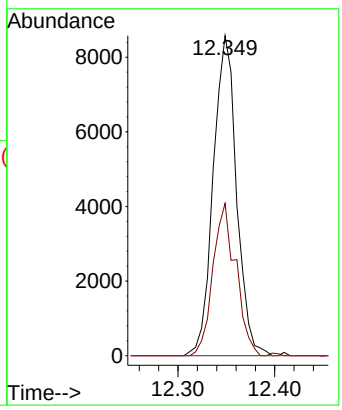




#71
Bromoform
Concen: 9.529 ug/l
RT: 12.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:173 Resp: 1435

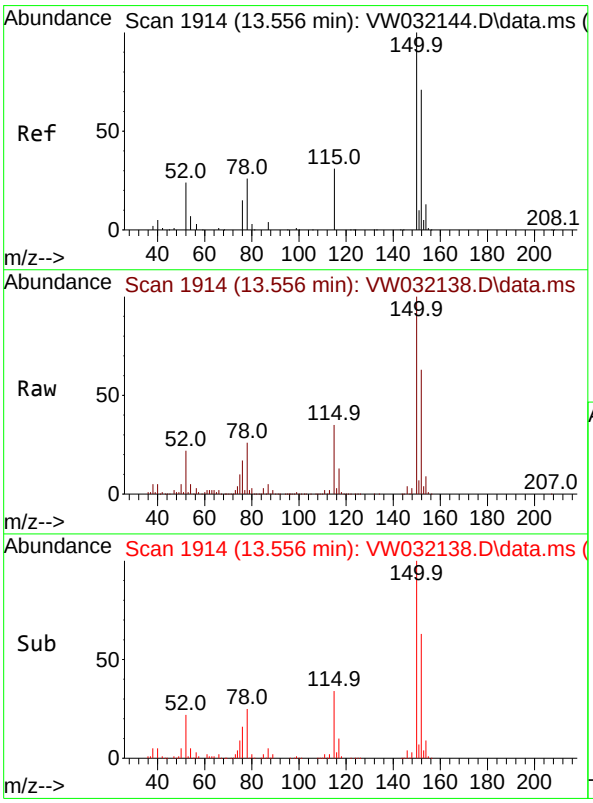
Ion	Ratio	Lower	Upper
173	100		
175	46.9	24.9	74.7
254	0.0	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

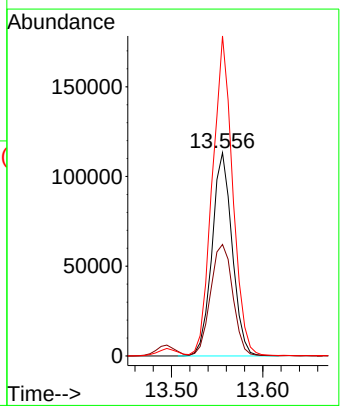
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

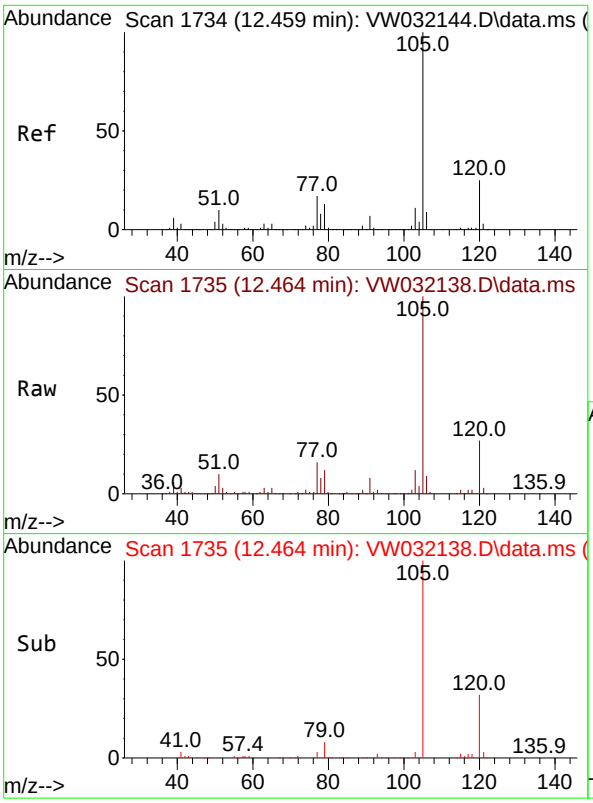


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:152 Resp: 173202

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.8	95.4
150	158.9	0.0	343.0

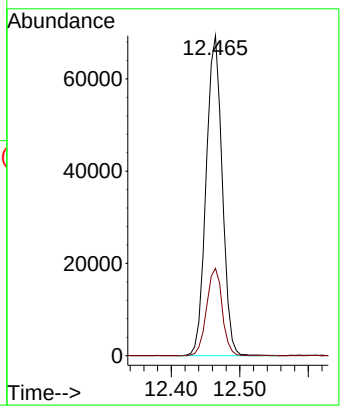




#73
Isopropylbenzene
Concen: 9.615 ug/l
RT: 12.464 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:105 Resp: 11313

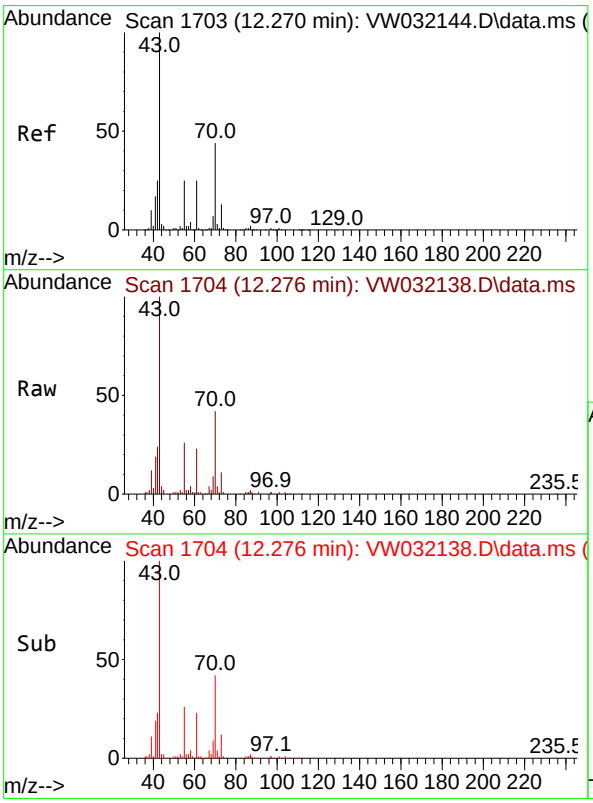
Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	38.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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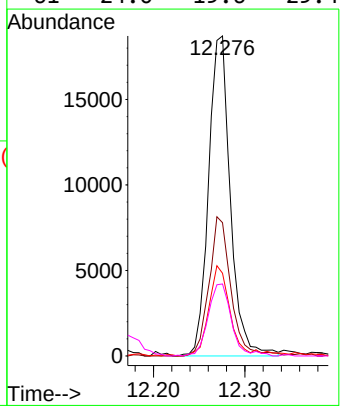
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

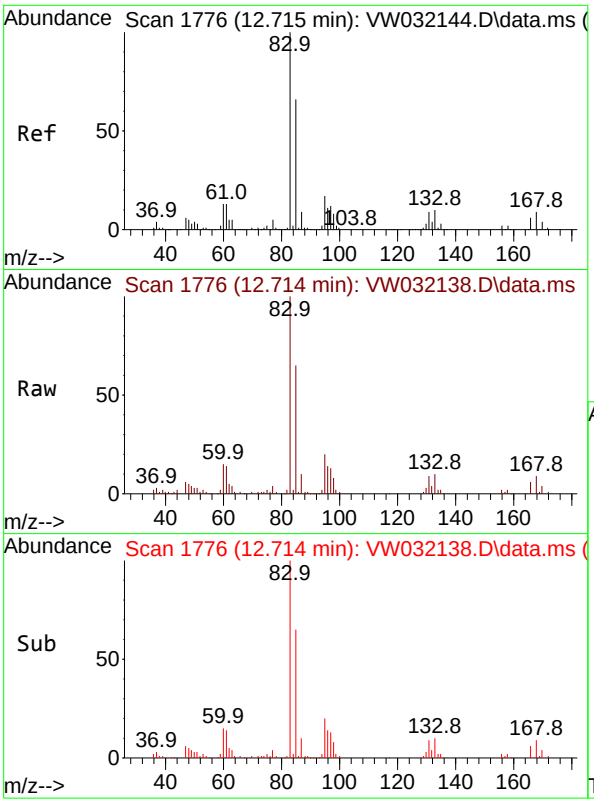


#74
N-amyl acetate
Concen: 9.082 ug/l
RT: 12.276 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 43 Resp: 31026

Ion	Ratio	Lower	Upper
43	100		
70	43.5	35.3	52.9
55	28.3	19.9	29.9
61	24.0	19.6	29.4

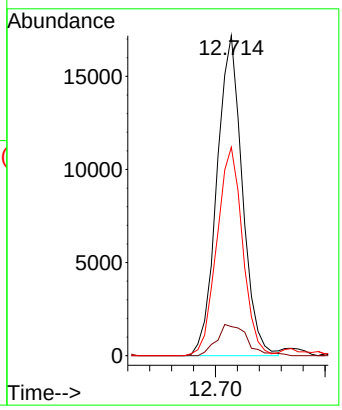




#75
1,1,2,2-Tetrachloroethane
Concen: 9.910 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 83 Resp: 2771

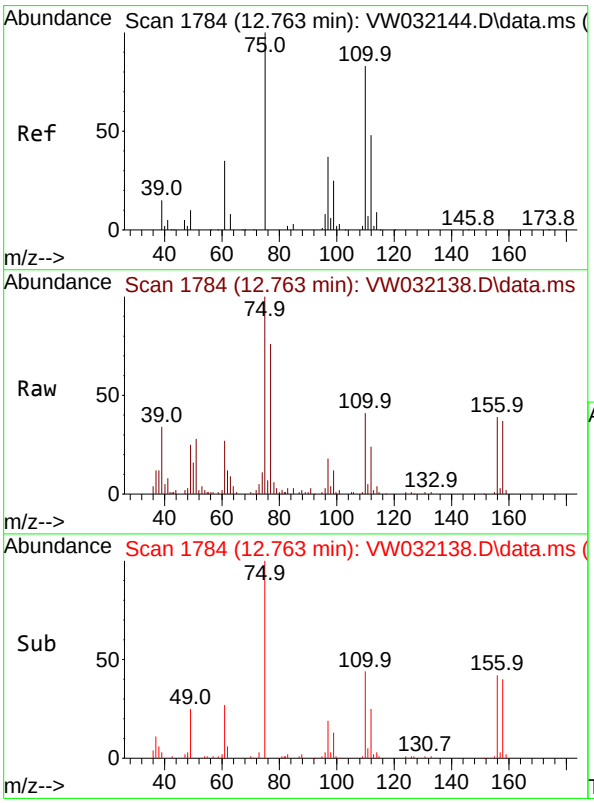
Ion	Ratio	Lower	Upper
83	100		
131	11.6	5.1	15.4
85	65.7	32.2	96.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

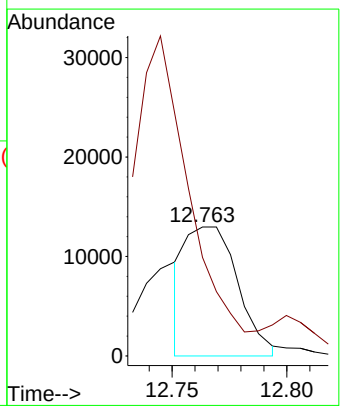
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

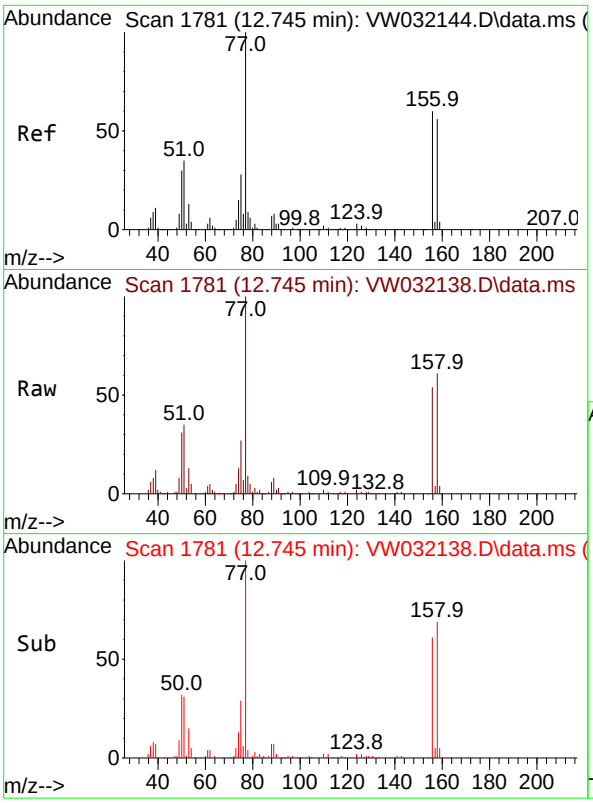


#76
1,2,3-Trichloropropane
Concen: 9.219 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 75 Resp: 20674

Ion	Ratio	Lower	Upper
75	100		
77	280.4	141.7	425.1





#77
Bromobenzene
Concen: 9.741 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

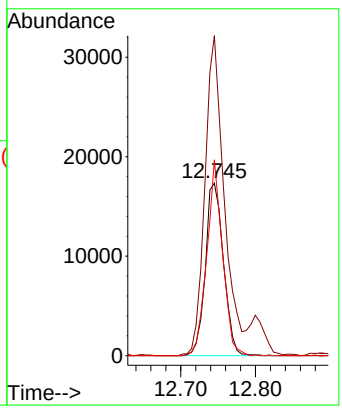
Tgt Ion:156 Resp: 2923

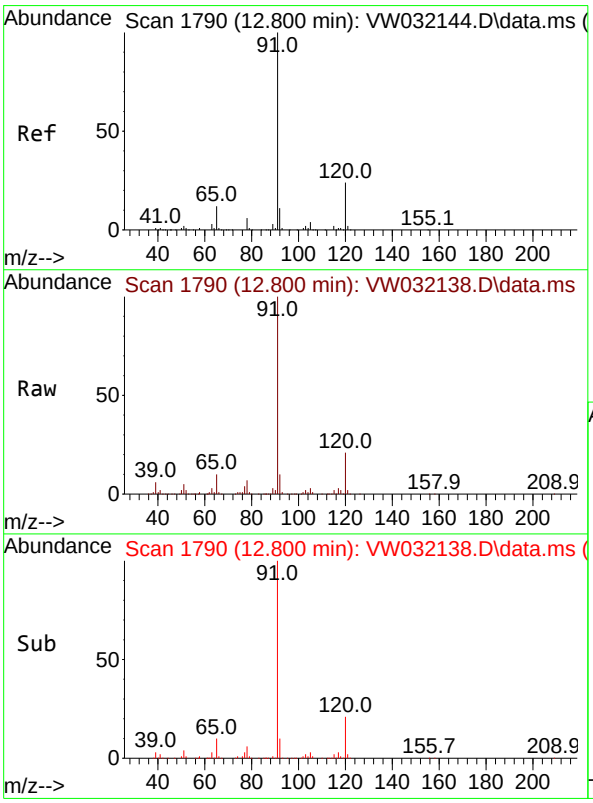
Ion	Ratio	Lower	Upper
156	100		
77	198.3	98.6	295.7
158	98.5	48.4	145.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

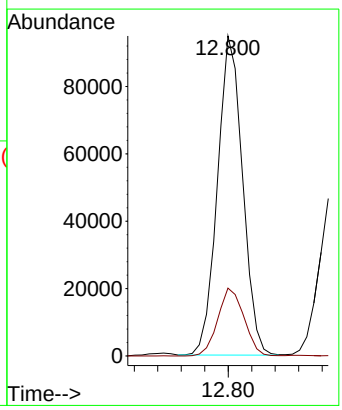


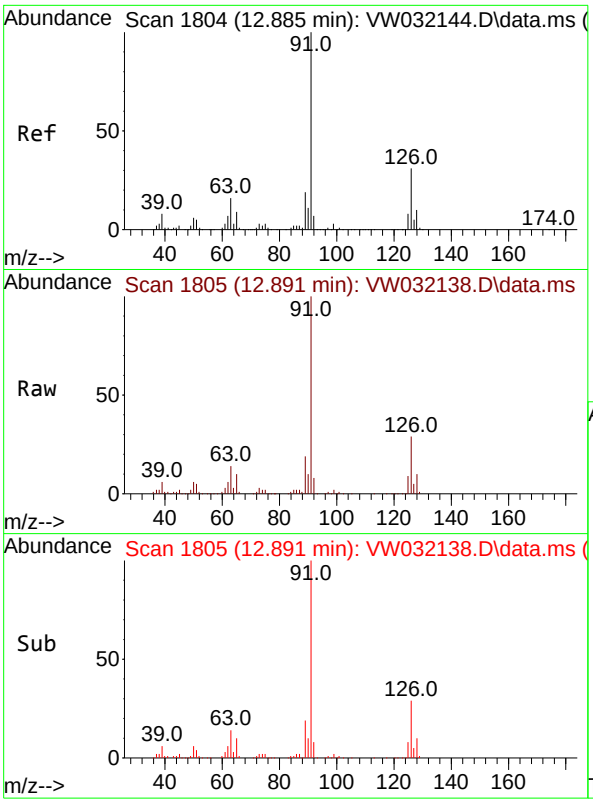


#78
n-propylbenzene
Concen: 9.858 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 91 Resp: 140832

Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.8	35.4

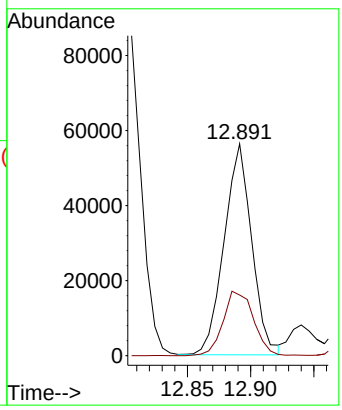




#79
2-Chlorotoluene
Concen: 9.792 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 91 Resp: 8554

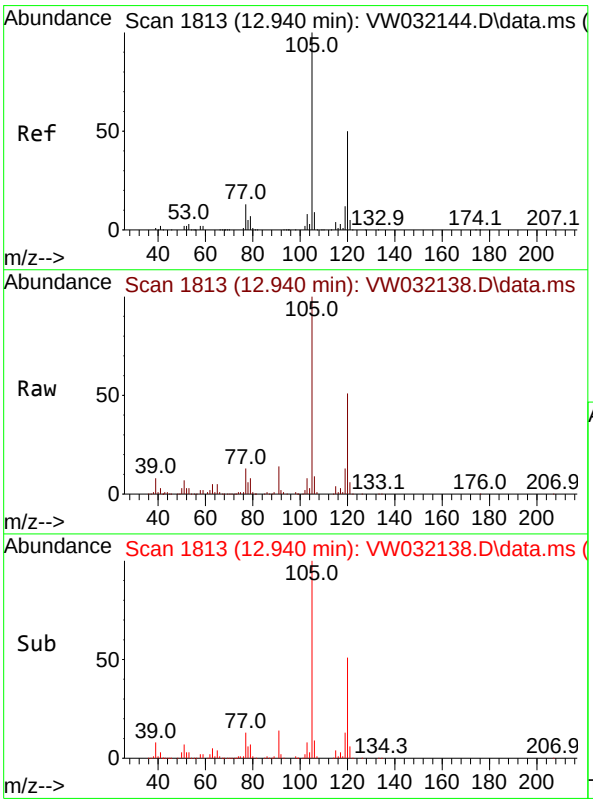
Ion	Ratio	Lower	Upper
91	100		
126	33.7	16.6	49.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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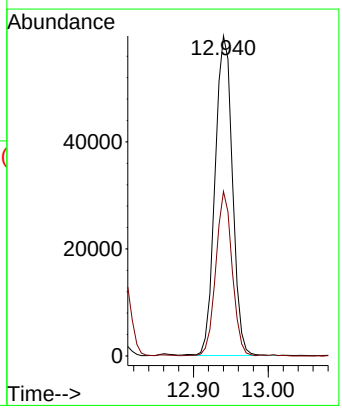
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

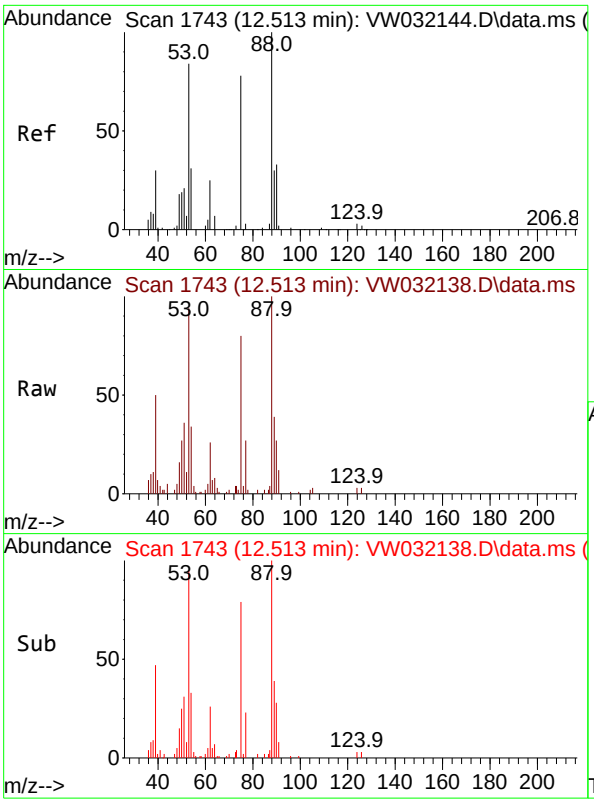


#80
1,3,5-Trimethylbenzene
Concen: 9.700 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:105 Resp: 96634

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.8	74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 8.537 ug/l
RT: 12.513 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

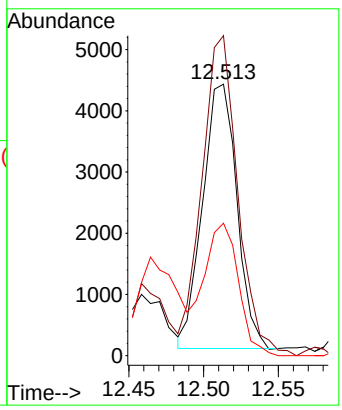
Tgt Ion: 75 Resp: 688

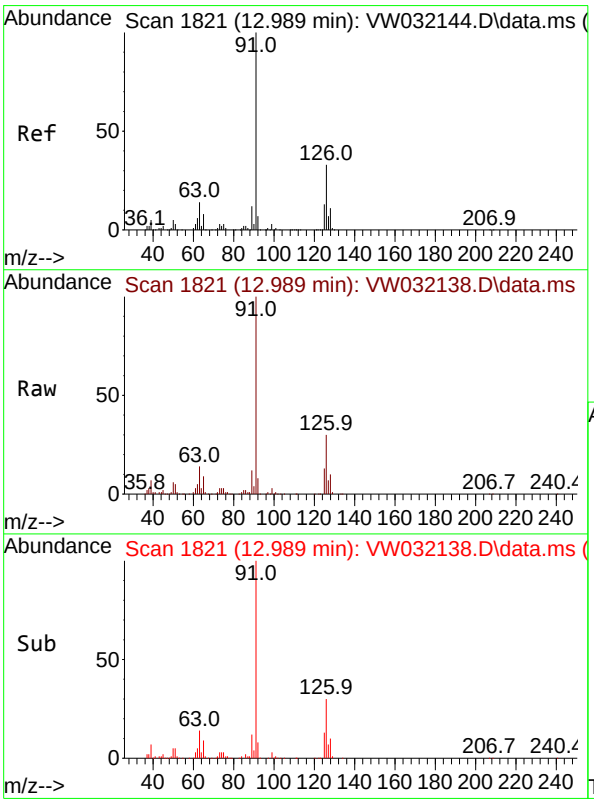
Ion	Ratio	Lower	Upper
75	100		
53	126.9	91.0	136.6
89	50.9	39.4	59.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

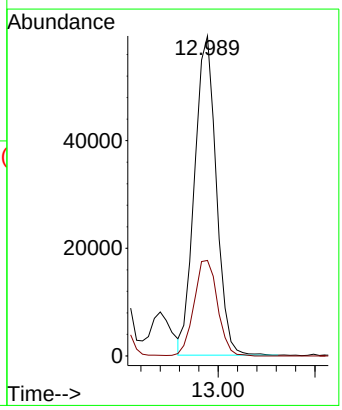


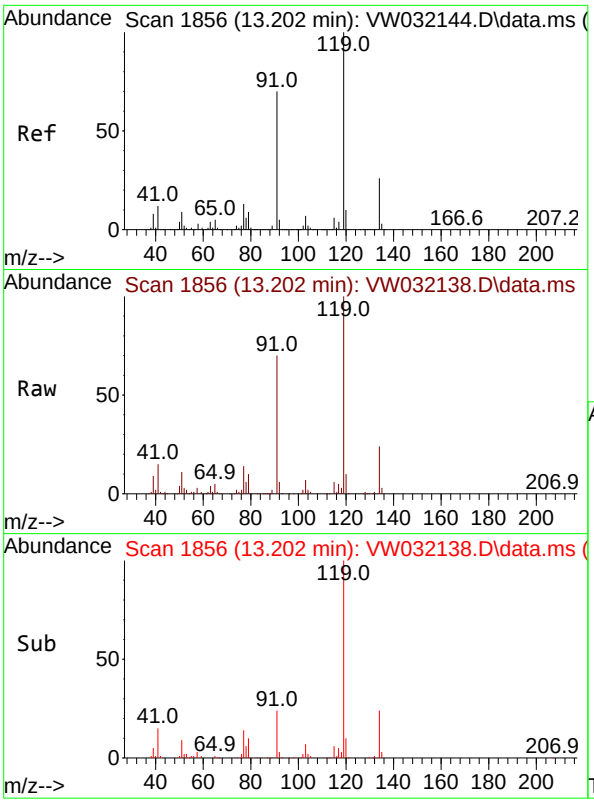


#82
4-Chlorotoluene
Concen: 9.890 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 91 Resp: 92476

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.2

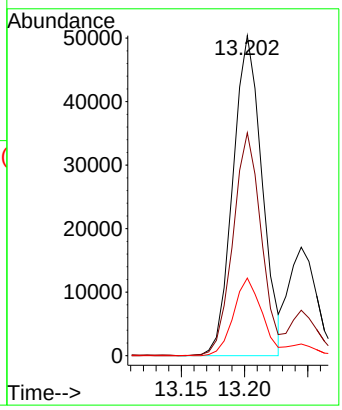




#83
tert-Butylbenzene
Concen: 9.576 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:119 Resp: 8088

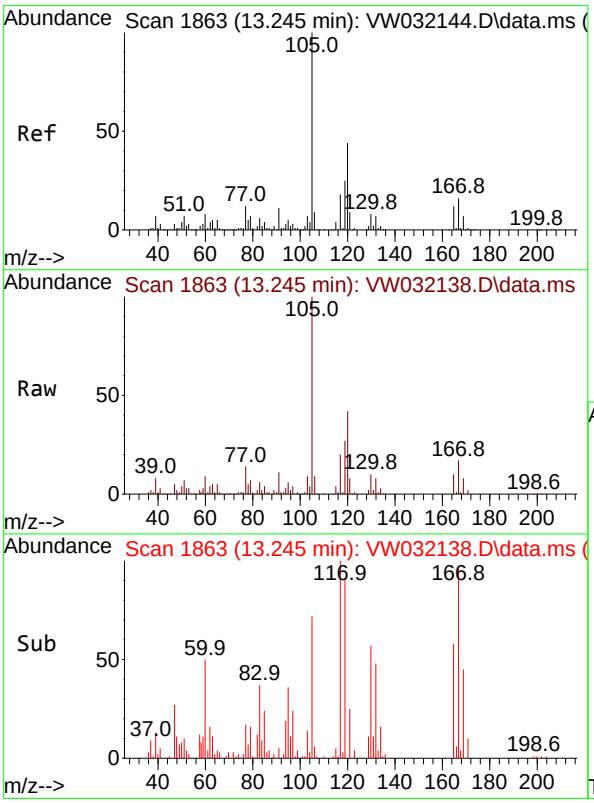
Ion	Ratio	Lower	Upper
119	100		
91	67.4	33.8	101.3
134	24.0	12.5	37.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

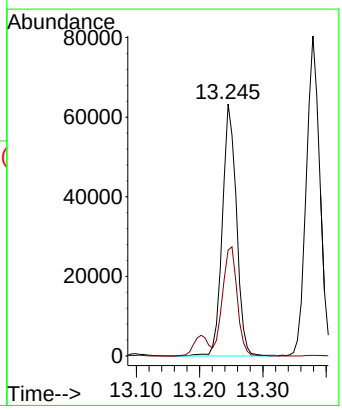
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

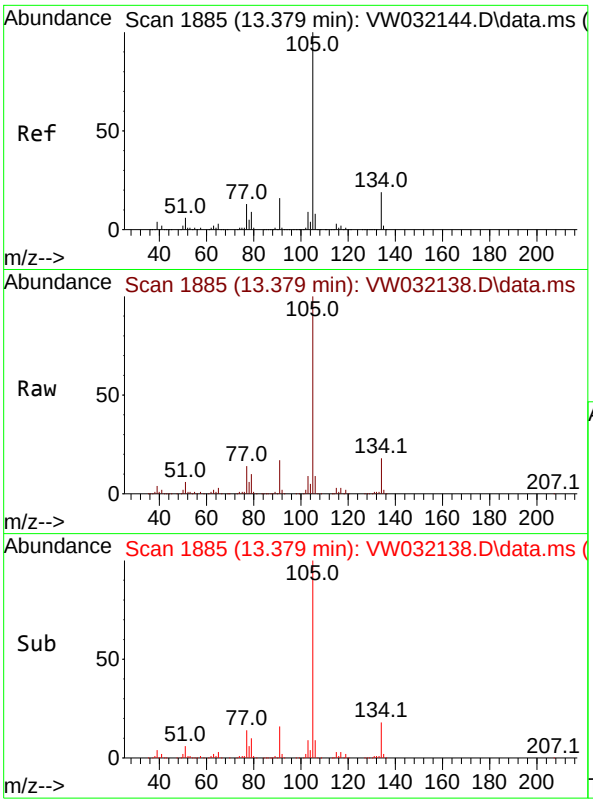


#84
1,2,4-Trimethylbenzene
Concen: 9.480 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:105 Resp: 97711

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.3





#85
sec-Butylbenzene
Concen: 9.507 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

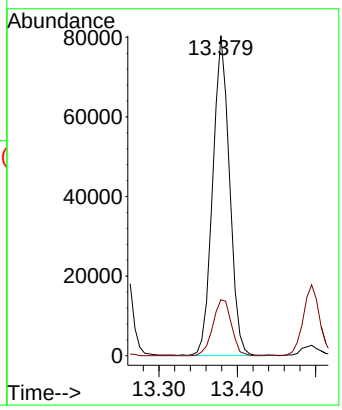
Tgt Ion:105 Resp: 11989

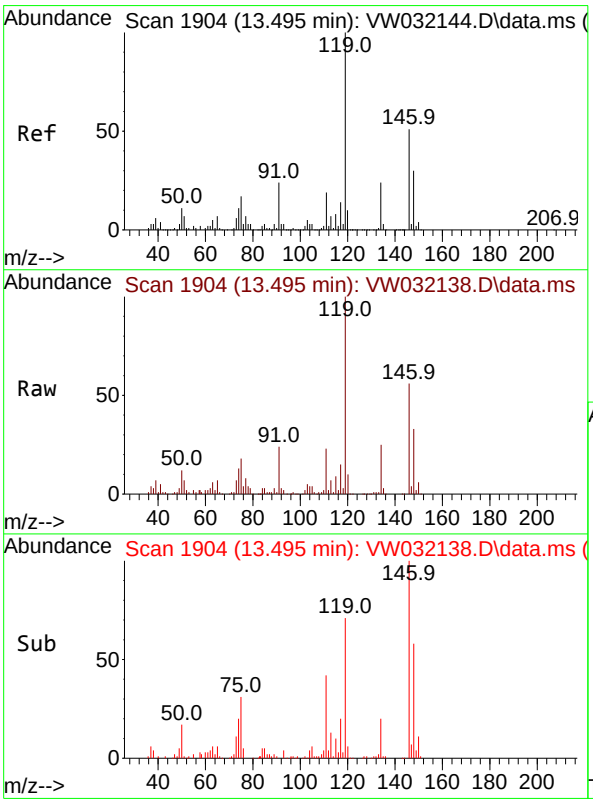
Ion	Ratio	Lower	Upper
105	100		
134	19.3	10.1	30.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

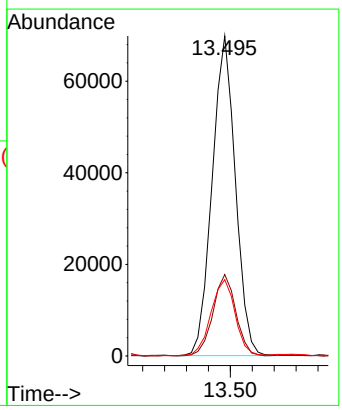


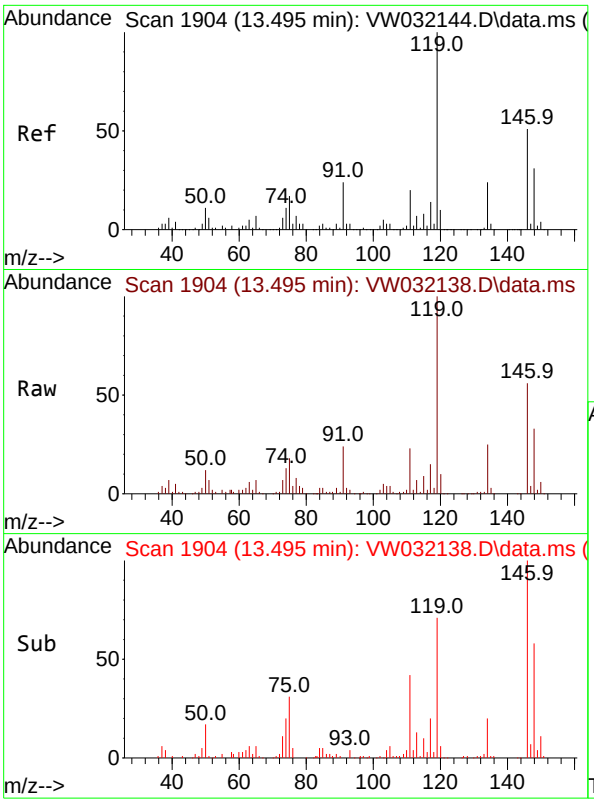


#86
p-Isopropyltoluene
Concen: 9.570 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:119 Resp: 102643

Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.6	37.6
91	24.8	12.4	37.0

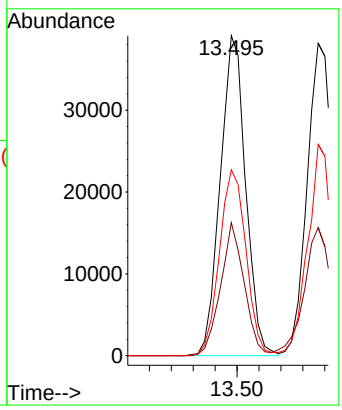




#87
1,3-Dichlorobenzene
Concen: 10.417 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:146 Resp: 6293

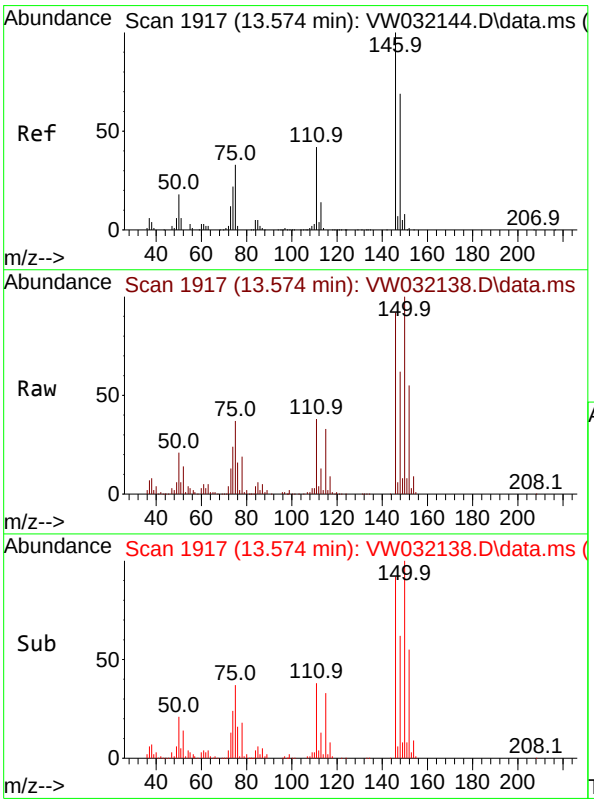
Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.6	61.9
148	60.9	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

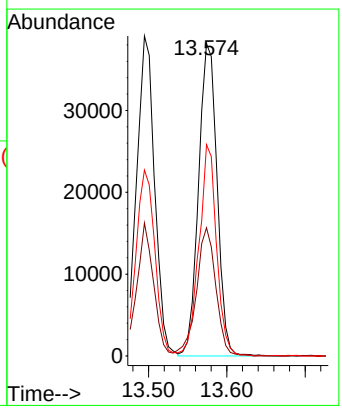
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

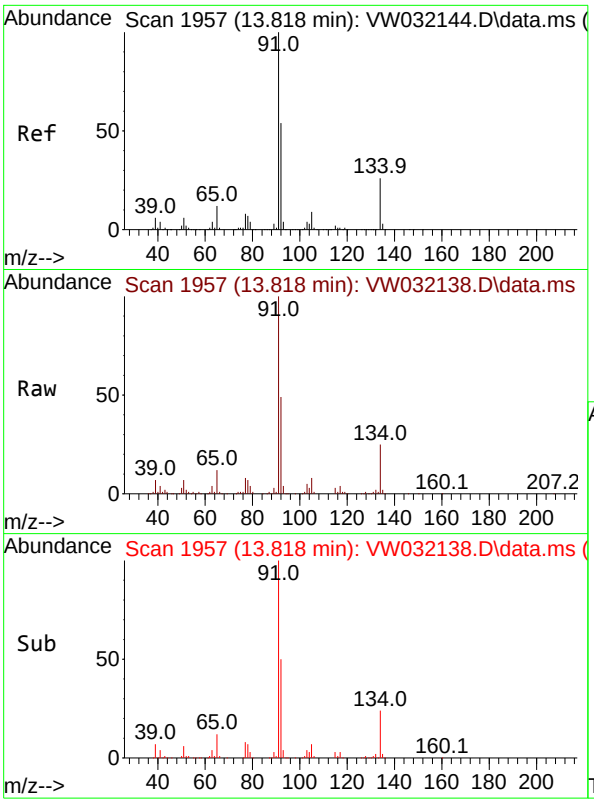


#88
1,4-Dichlorobenzene
Concen: 10.351 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:146 Resp: 62683

Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.3	63.7
148	64.3	33.4	100.1

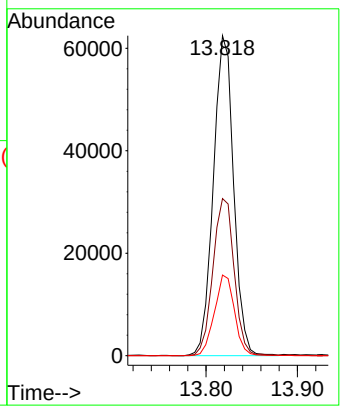




#89
n-Butylbenzene
Concen: 9.426 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 91 Resp: 9638

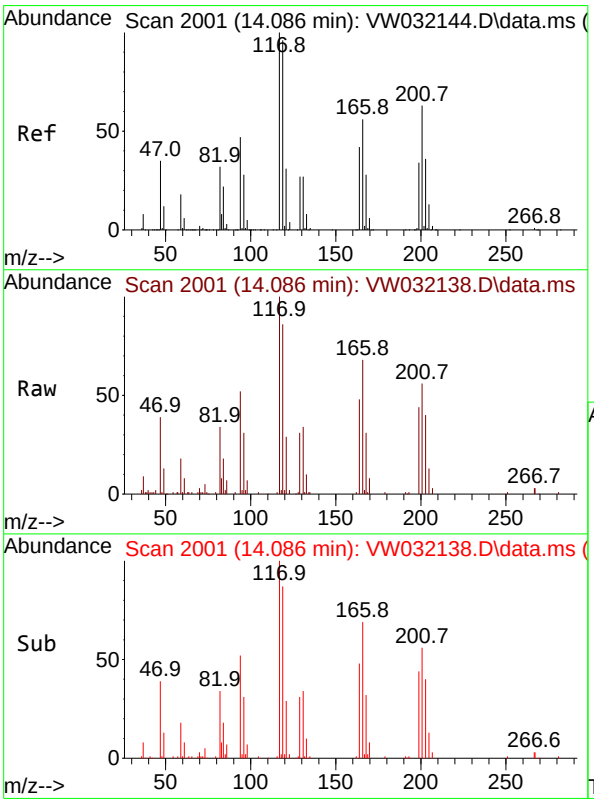
Ion	Ratio	Lower	Upper
91	100		
92	51.4	27.0	81.0
134	24.9	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

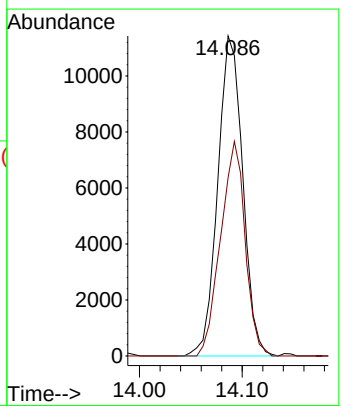
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

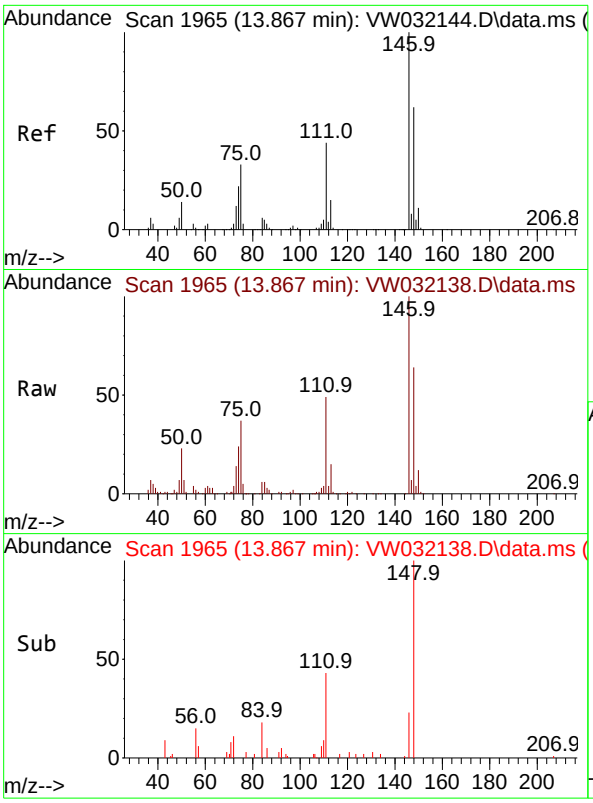


#90
Hexachloroethane
Concen: 9.814 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:117 Resp: 19253

Ion	Ratio	Lower	Upper
117	100		
201	66.0	32.8	98.4

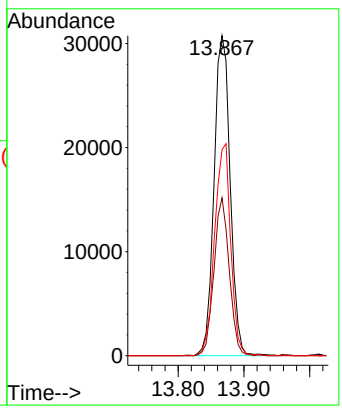




#91
1,2-Dichlorobenzene
Concen: 9.811 ug/l
RT: 13.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:146 Resp: 5247

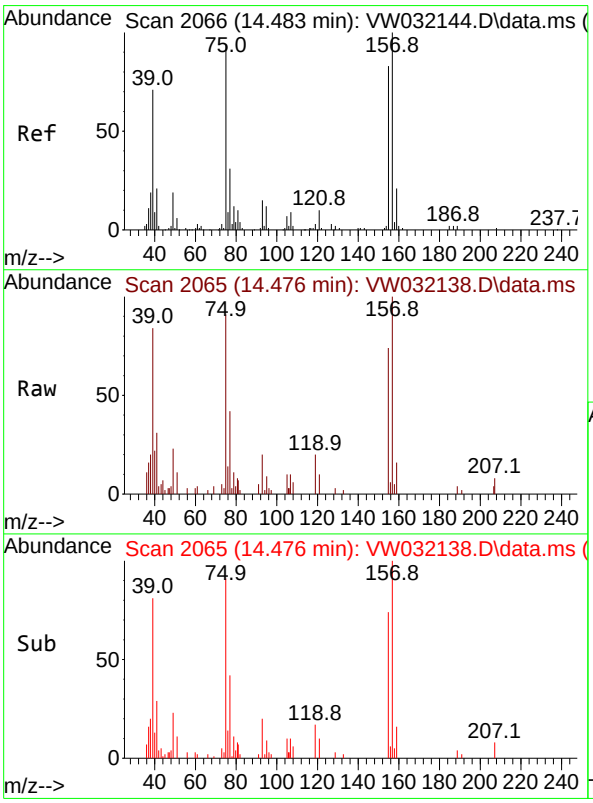
Ion	Ratio	Lower	Upper
146	100		
111	46.9	23.4	70.0
148	66.0	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

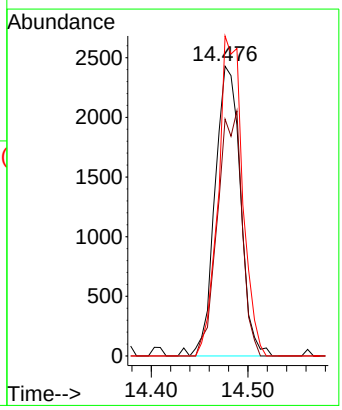
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

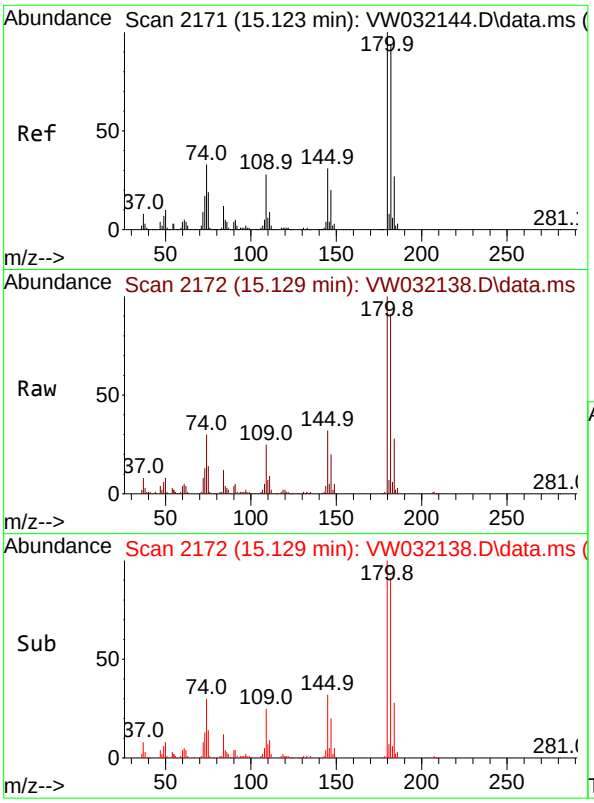


#92
1,2-Dibromo-3-Chloropropane
Concen: 8.988 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion: 75 Resp: 4440

Ion	Ratio	Lower	Upper
75	100		
155	81.2	40.8	122.5
157	105.5	51.8	155.4

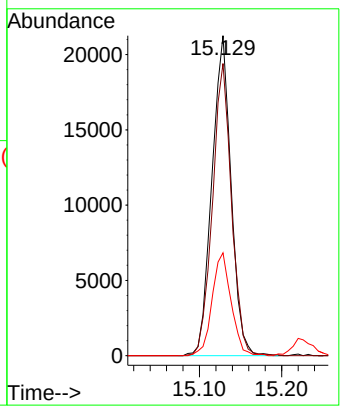




#93
1,2,4-Trichlorobenzene
Concen: 10.074 ug/l
RT: 15.129 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:180 Resp: 3442

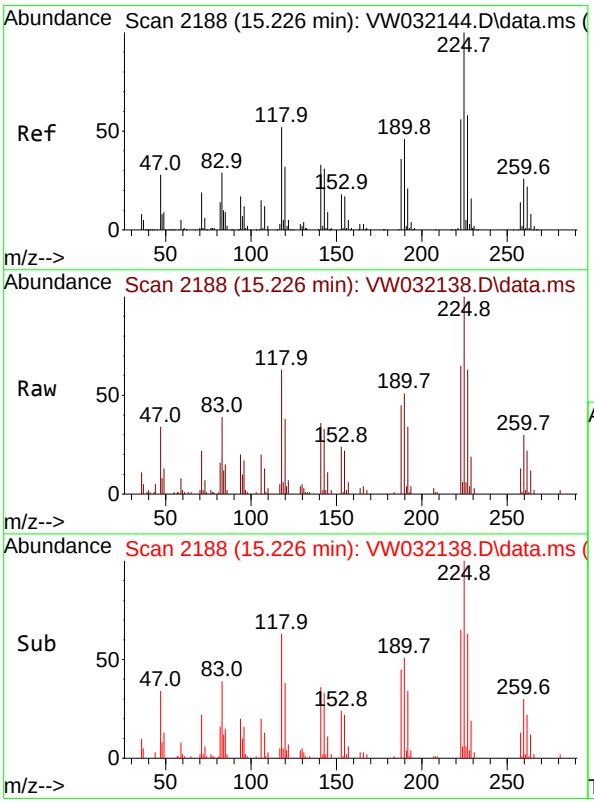
Ion	Ratio	Lower	Upper
180	100		
182	90.6	47.4	142.2
145	31.9	16.4	49.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

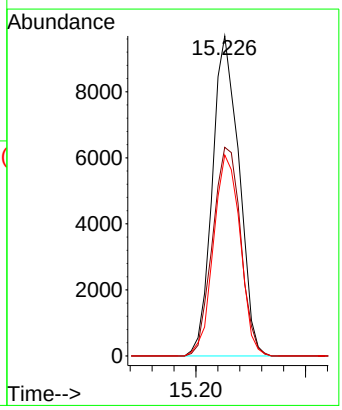
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

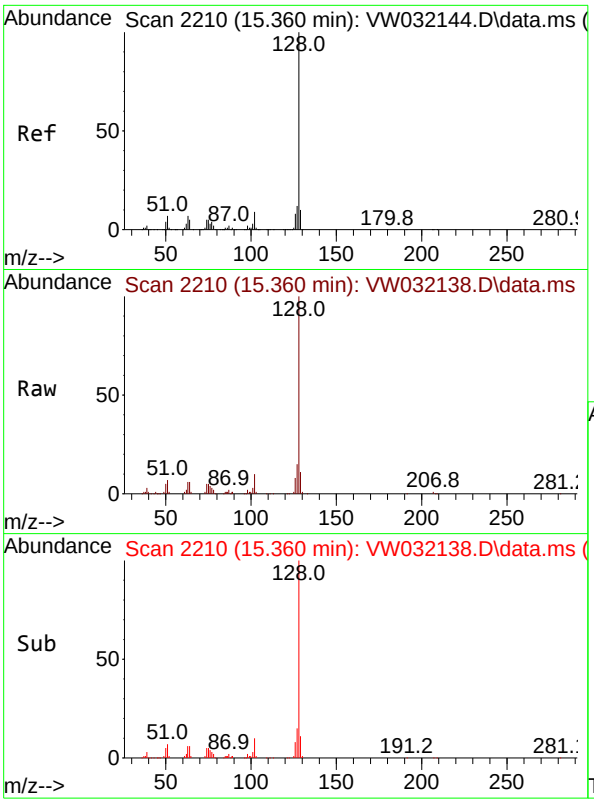


#94
Hexachlorobutadiene
Concen: 9.644 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:225 Resp: 16347

Ion	Ratio	Lower	Upper
225	100		
223	68.9	29.8	89.3
227	63.1	30.5	91.5

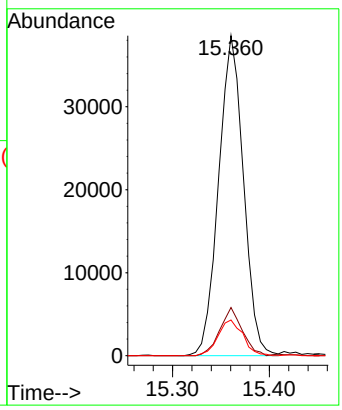




#95
Naphthalene
Concen: 8.888 ug/l
RT: 15.360 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:128 Resp: 6874

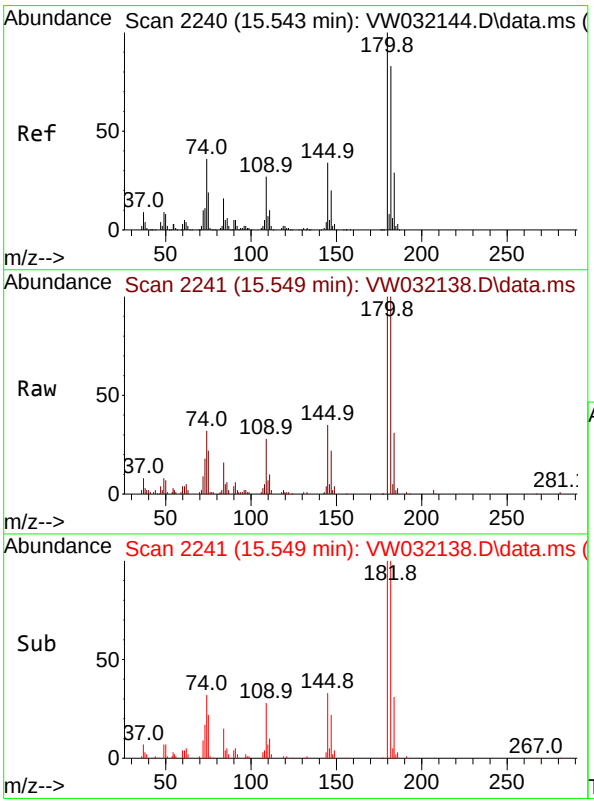
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.2	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

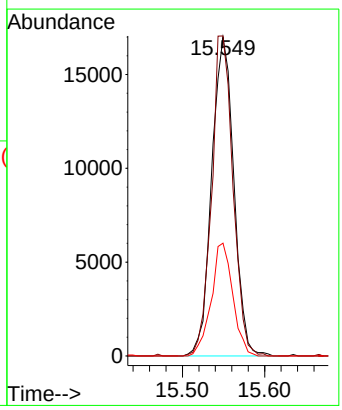
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 9.983 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032138.D
Acq: 26 Aug 2025 10:23

Tgt Ion:180 Resp: 31730

Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.7	143.1
145	34.5	17.2	51.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	207241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	361729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	320041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	59949	20.227	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 40.460%#			
35) Dibromofluoromethane	7.898	113	50193	19.778	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 39.560%#			
50) Toluene-d8	10.325	98	178639	20.051	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 40.100%#			
62) 4-Bromofluorobenzene	12.617	95	65158	19.778	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 39.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	29597	21.631	ug/l	99
3) Chloromethane	2.253	50	28262	19.700	ug/l	99
4) Vinyl Chloride	2.405	62	38242	20.524	ug/l	99
5) Bromomethane	2.826	94	33838	20.336	ug/l	98
6) Chloroethane	2.972	64	26882	20.486	ug/l	99
7) Trichlorofluoromethane	3.308	101	37746	20.445	ug/l	95
8) Diethyl Ether	3.716	74	28021	20.338	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	42610	20.488	ug/l	98
10) Methyl Iodide	4.314	142	65366	20.641	ug/l	100
11) Tert butyl alcohol	5.222	59	16747	92.377	ug/l	96
12) 1,1-Dichloroethene	4.076	96	45354	20.707	ug/l	98
13) Acrolein	3.930	56	26614	95.503	ug/l	97
14) Allyl chloride	4.704	41	62098	19.960	ug/l	98
15) Acrylonitrile	5.399	53	66397	99.123	ug/l	97
16) Acetone	4.161	43	63129	98.351	ug/l	96
17) Carbon Disulfide	4.417	76	111058	20.273	ug/l	99
18) Methyl Acetate	4.710	43	39333	19.232	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	83004	20.069	ug/l	98
20) Methylene Chloride	4.960	84	59672	20.052	ug/l	94
21) trans-1,2-Dichloroethene	5.460	96	50083	20.469	ug/l	96
22) Diisopropyl ether	6.344	45	140521	20.752	ug/l	97
23) Vinyl Acetate	6.283	43	459708	99.855	ug/l	98
24) 1,1-Dichloroethane	6.246	63	89798	20.257	ug/l	99
25) 2-Butanone	7.197	43	89904	98.843	ug/l	100
26) 2,2-Dichloropropane	7.191	77	46138	19.654	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	59877	20.111	ug/l	99
28) Bromochloromethane	7.533	49	42759	21.071	ug/l	99
29) Tetrahydrofuran	7.551	42	56627	97.972	ug/l	99
30) Chloroform	7.691	83	101880	20.129	ug/l	100
31) Cyclohexane	7.972	56	70667	19.422	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	74668	20.210	ug/l	100
36) 1,1-Dichloropropene	8.100	75	63503	19.299	ug/l	96
37) Ethyl Acetate	7.277	43	37254	18.873	ug/l	98
38) Carbon Tetrachloride	8.081	117	69501	19.703	ug/l	95
39) Methylcyclohexane	9.343	83	74848	19.204	ug/l	96
40) Benzene	8.337	78	204224	20.078	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	20198	18.417	ug/l		96
42) 1,2-Dichloroethane	8.417	62	68894	19.538	ug/l		99
43) Isopropyl Acetate	8.435	43	68811	18.582	ug/l		97
44) Trichloroethene	9.105	130	50885	19.893	ug/l		84
45) 1,2-Dichloropropane	9.380	63	48708	19.865	ug/l		94
46) Dibromomethane	9.465	93	34506	20.064	ug/l		96
47) Bromodichloromethane	9.654	83	76320	19.528	ug/l		98
48) Methyl methacrylate	9.441	41	33017	19.347	ug/l		95
49) 1,4-Dioxane	9.465	88	8958	431.107	ug/l		95
51) 4-Methyl-2-Pentanone	10.215	43	203375	97.262	ug/l		99
52) Toluene	10.392	92	132013	19.861	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	65239	18.922	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	75706	19.244	ug/l		95
55) 1,1,2-Trichloroethane	10.788	97	45028	20.135	ug/l		95
56) Ethyl methacrylate	10.648	69	52974	18.528	ug/l		97
57) 1,3-Dichloropropane	10.934	76	73802	19.709	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	152569	99.976	ug/l		100
59) 2-Hexanone	10.971	43	138236	95.057	ug/l		100
60) Dibromochloromethane	11.129	129	52616	19.443	ug/l		99
61) 1,2-Dibromoethane	11.239	107	42542	19.344	ug/l		99
64) Tetrachloroethene	10.867	164	43742	20.766	ug/l		90
65) Chlorobenzene	11.660	112	152888	20.988	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.727	131	47518	19.813	ug/l		97
67) Ethyl Benzene	11.733	91	245828	20.597	ug/l		100
68) m/p-Xylenes	11.843	106	192351	41.875	ug/l		100
69) o-Xylene	12.166	106	88921	20.465	ug/l		100
70) Styrene	12.178	104	159523	20.828	ug/l		98
71) Bromoform	12.349	173	27643	19.407	ug/l	#	96
73) Isopropylbenzene	12.465	105	224854	19.185	ug/l		99
74) N-amyl acetate	12.270	43	64999	19.102	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.715	83	53386	19.167	ug/l		96
76) 1,2,3-Trichloropropane	12.769	75	47279m	21.166	ug/l		
77) Bromobenzene	12.745	156	59590	19.938	ug/l		96
78) n-propylbenzene	12.800	91	277146	19.477	ug/l		98
79) 2-Chlorotoluene	12.891	91	170359	19.579	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	194222	19.573	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.507	75	14477	18.035	ug/l		94
82) 4-Chlorotoluene	12.989	91	184235	19.781	ug/l		98
83) tert-Butylbenzene	13.202	119	161867	19.239	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	206247	20.090	ug/l		98
85) sec-Butylbenzene	13.379	105	243871	19.414	ug/l		100
86) p-Isopropyltoluene	13.495	119	211483	19.797	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	115970	19.271	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	118257	19.605	ug/l		97
89) n-Butylbenzene	13.818	91	194525	19.099	ug/l		99
90) Hexachloroethane	14.092	117	36162	18.506	ug/l		95
91) 1,2-Dichlorobenzene	13.867	146	110612	20.761	ug/l		91
92) 1,2-Dibromo-3-Chloropr...	14.476	75	9570	19.449	ug/l		93
93) 1,2,4-Trichlorobenzene	15.129	180	68392	20.091	ug/l		98
94) Hexachlorobutadiene	15.226	225	33947	20.108	ug/l		99
95) Naphthalene	15.360	128	146800	19.055	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	61140	19.313	ug/l		100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032139.D
Acq On : 26 Aug 2025 10:45
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:49:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

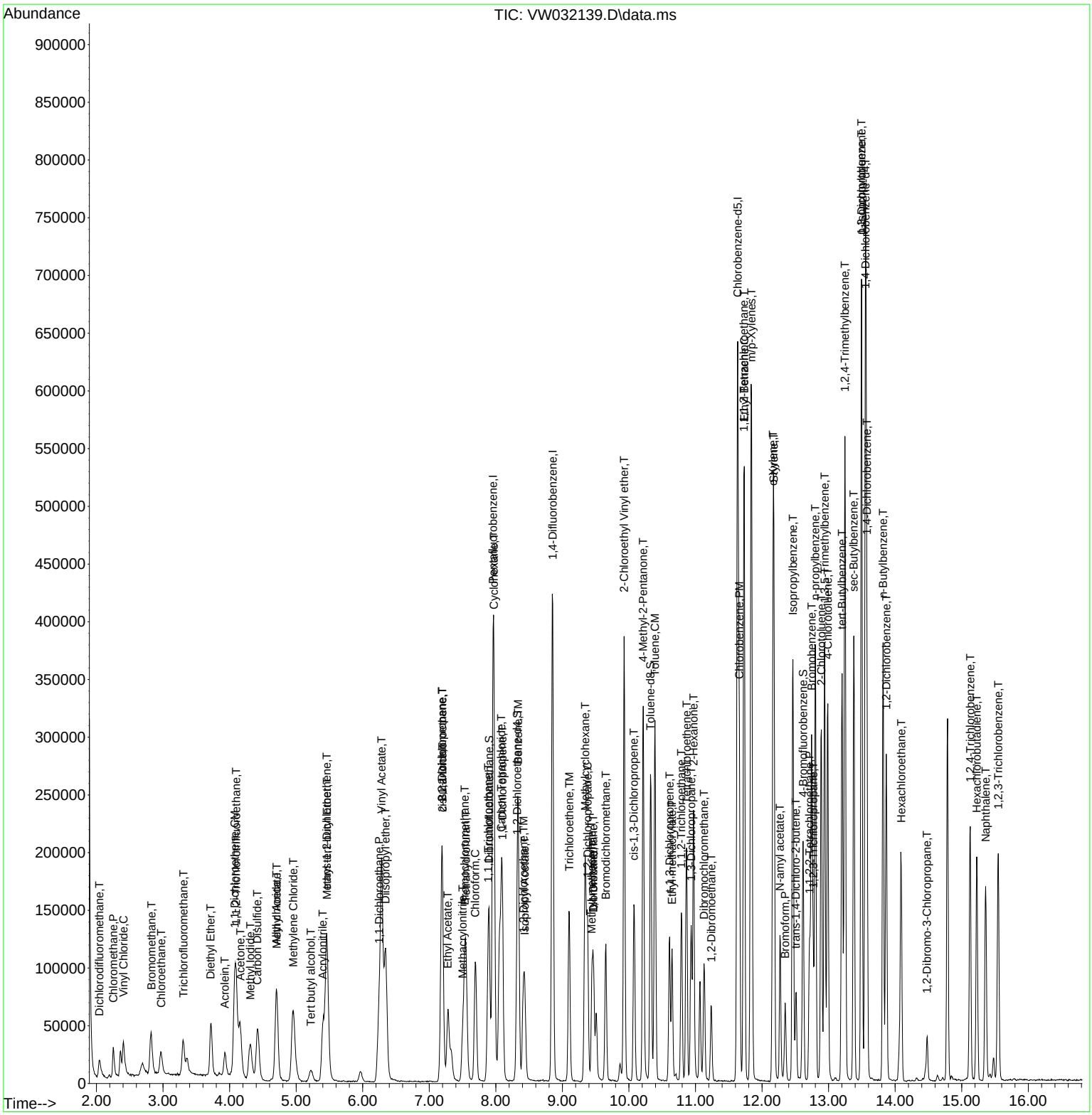
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Data File : VW032139.D
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Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

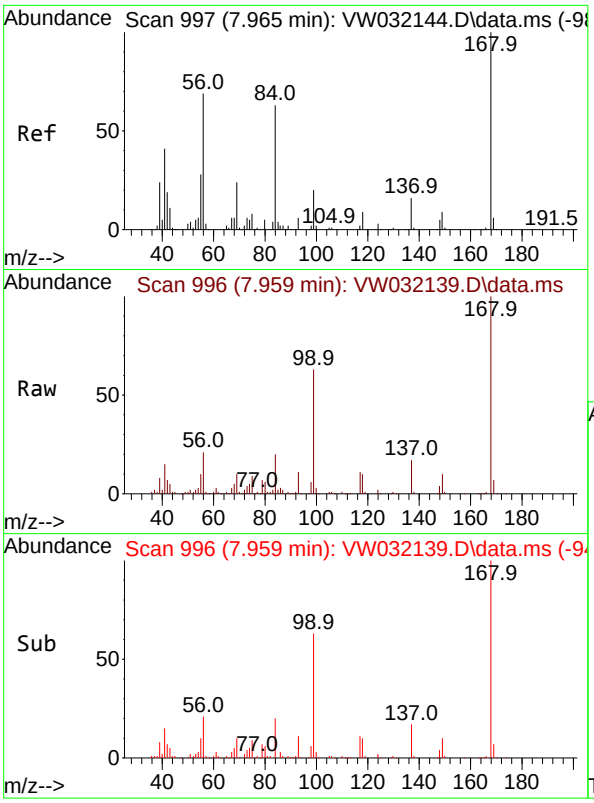
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Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

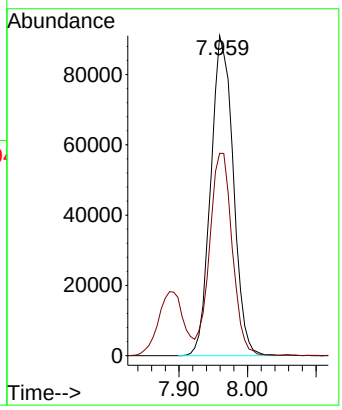




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:168 Resp: 20724

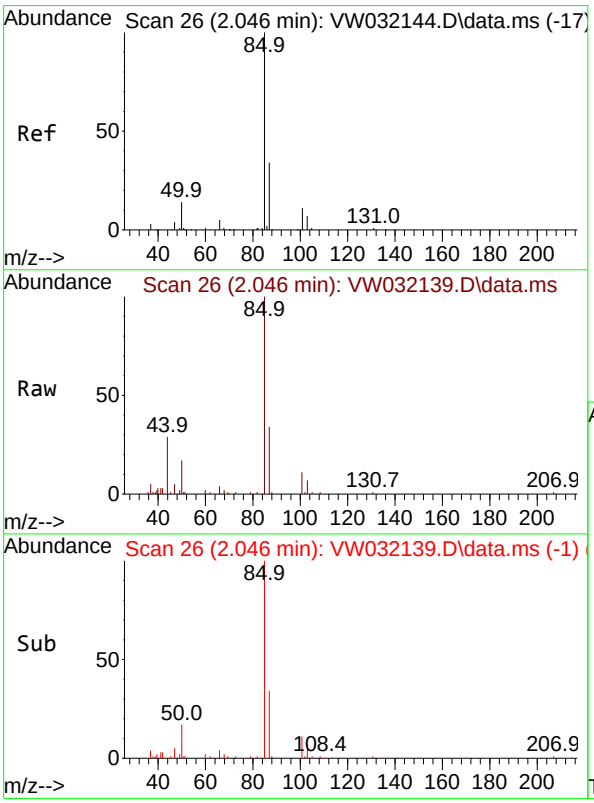
Ion	Ratio	Lower	Upper
168	100		
99	63.1	49.3	73.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

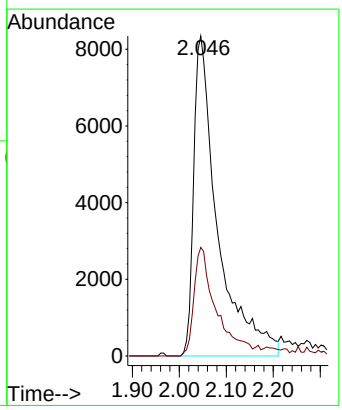
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

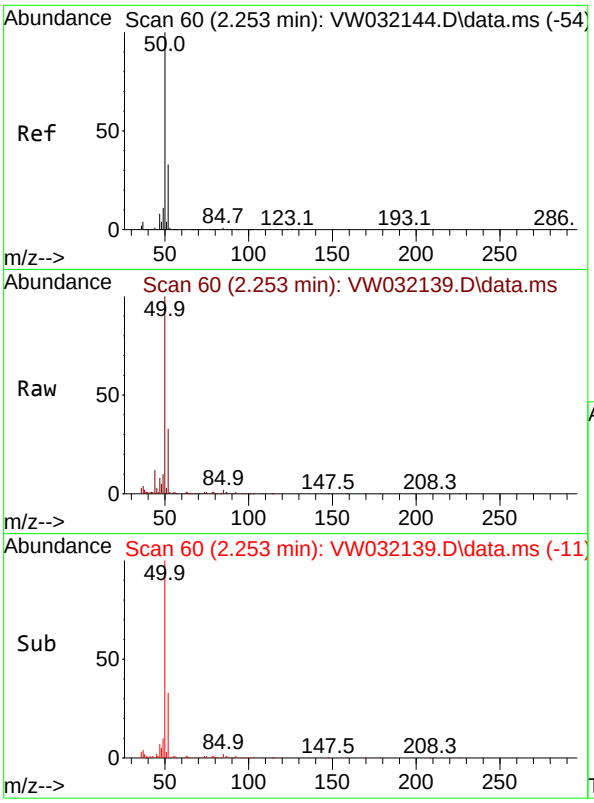


#2
Dichlorodifluoromethane
Concen: 21.631 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 85 Resp: 29597

Ion	Ratio	Lower	Upper
85	100		
87	33.9	17.2	51.6

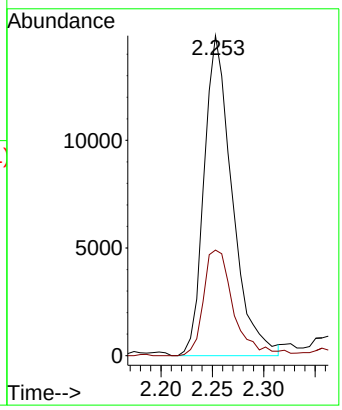




#3
Chloromethane
Concen: 19.700 ug/l
RT: 2.253 min Scan# 6
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 50 Resp: 2826

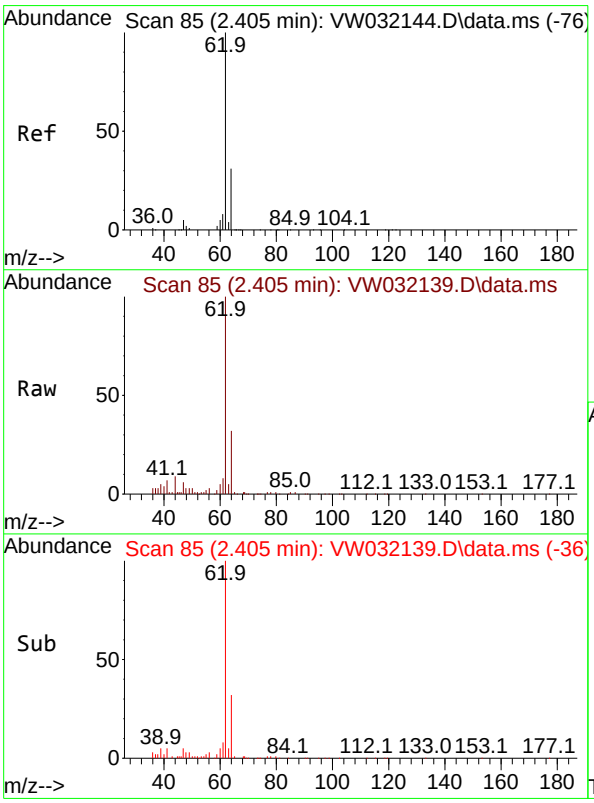
Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.1	39.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

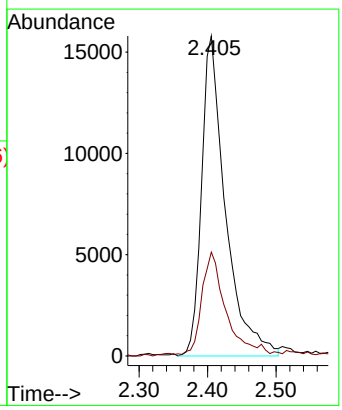
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

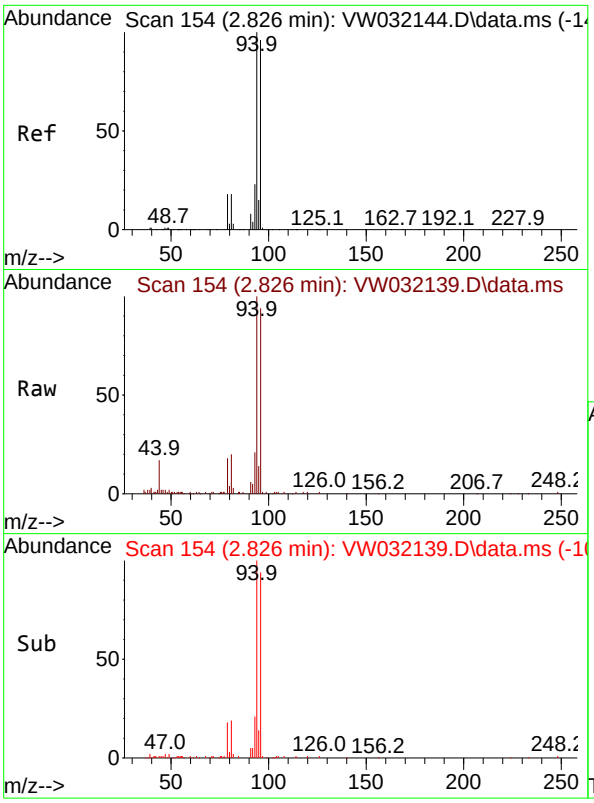


#4
Vinyl Chloride
Concen: 20.524 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 62 Resp: 38242

Ion	Ratio	Lower	Upper
62	100		
64	31.8	24.8	37.2

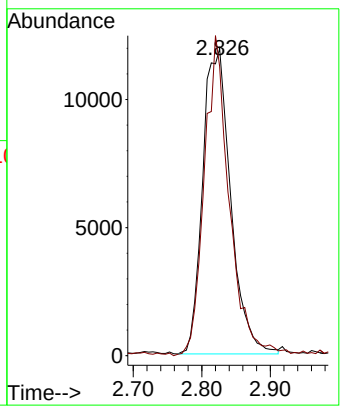




#5
Bromomethane
Concen: 20.336 ug/l
RT: 2.826 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 94 Resp: 3383

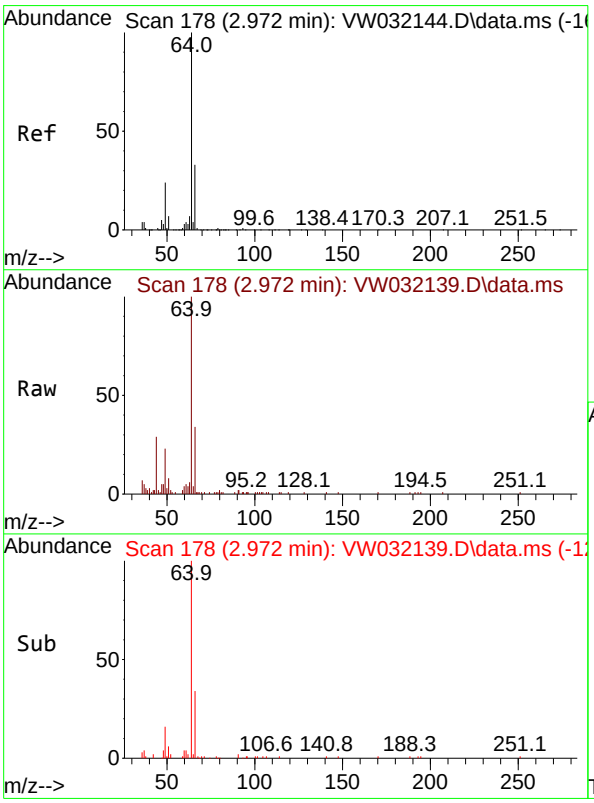
Ion	Ratio	Lower	Upper
94	100		
96	94.3	76.6	115.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

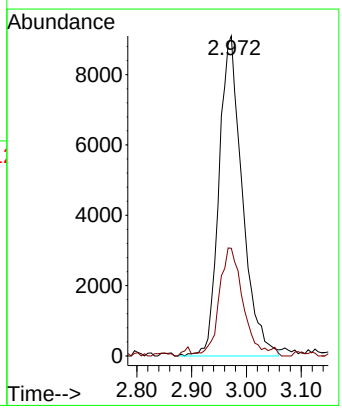
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

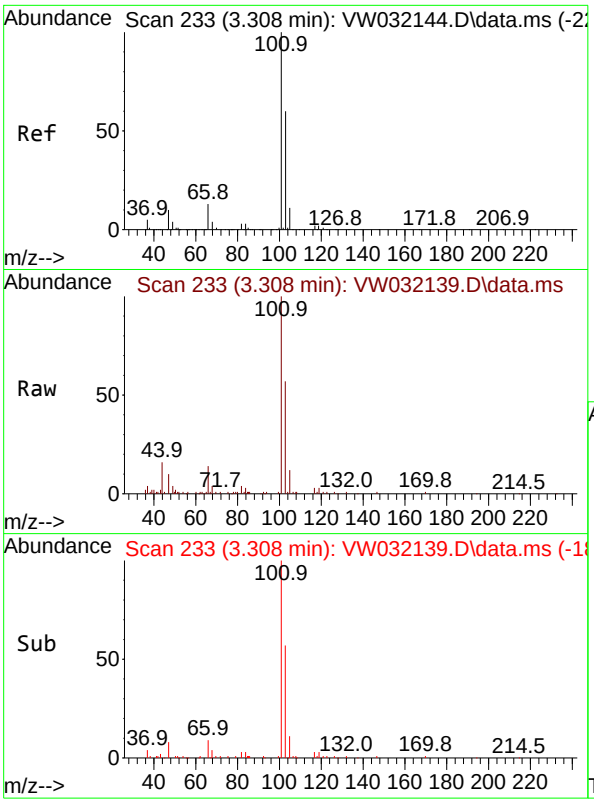


#6
Chloroethane
Concen: 20.486 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 64 Resp: 26882

Ion	Ratio	Lower	Upper
64	100		
66	33.6	26.2	39.4





#7
Trichlorofluoromethane
Concen: 20.445 ug/l
RT: 3.308 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

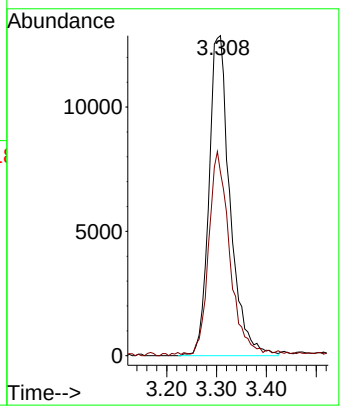
Tgt Ion:101 Resp: 3774

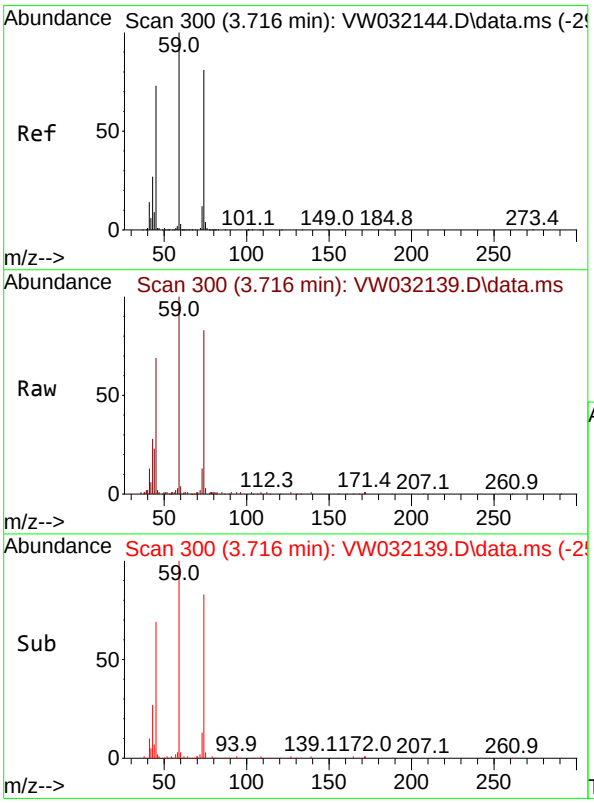
Ion	Ratio	Lower	Upper
101	100		
103	56.3	47.8	71.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

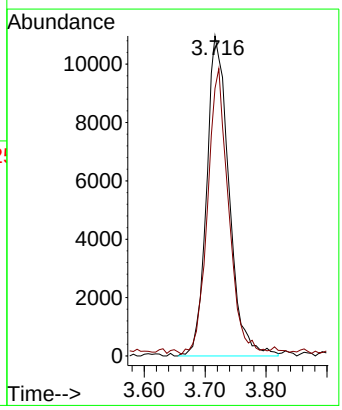


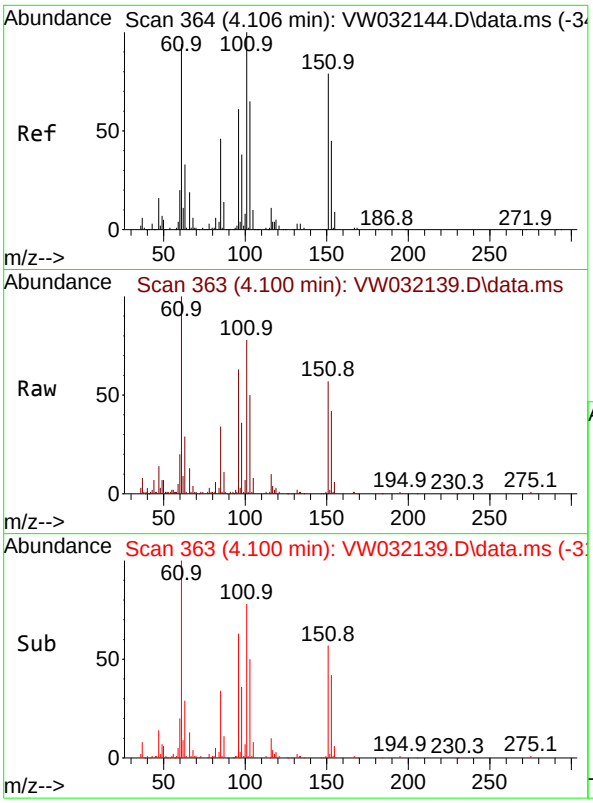


#8
Diethyl Ether
Concen: 20.338 ug/l
RT: 3.716 min Scan# 300
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 74 Resp: 28021

Ion	Ratio	Lower	Upper
74	100		
45	83.6	43.1	129.4

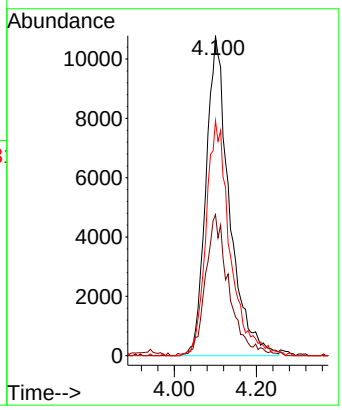




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.488 ug/l
RT: 4.100 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:101 Resp: 4261

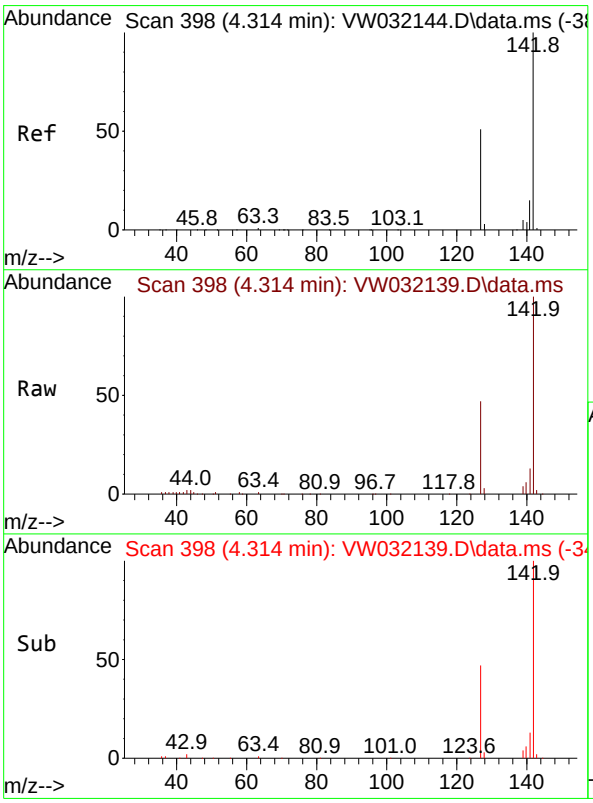
Ion	Ratio	Lower	Upper
101	100		
85	44.7	37.1	55.7
151	75.5	61.5	92.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

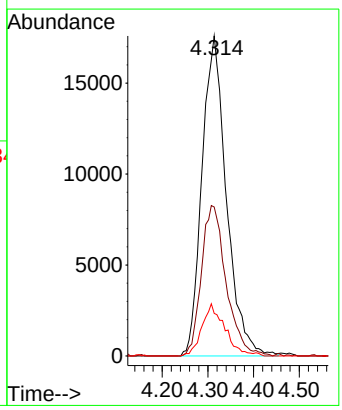
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

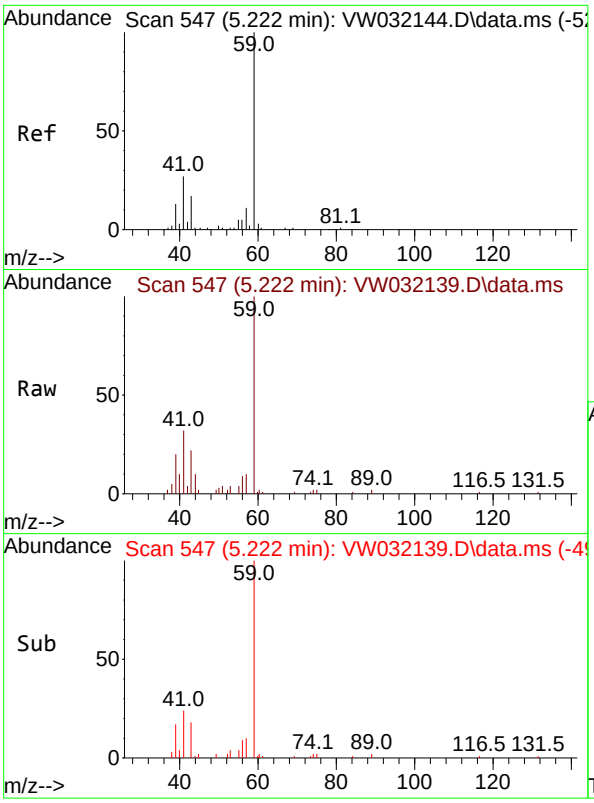


#10
Methyl Iodide
Concen: 20.641 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:142 Resp: 65366

Ion	Ratio	Lower	Upper
142	100		
127	47.6	38.2	57.2
141	15.4	12.2	18.2

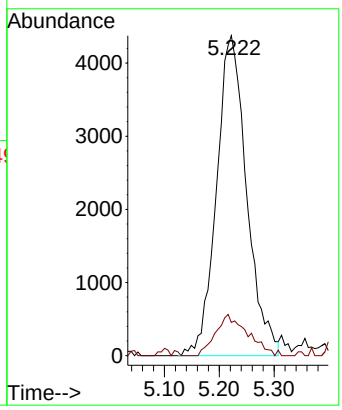




#11
Tert butyl alcohol
Concen: 92.377 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 59 Resp: 1674

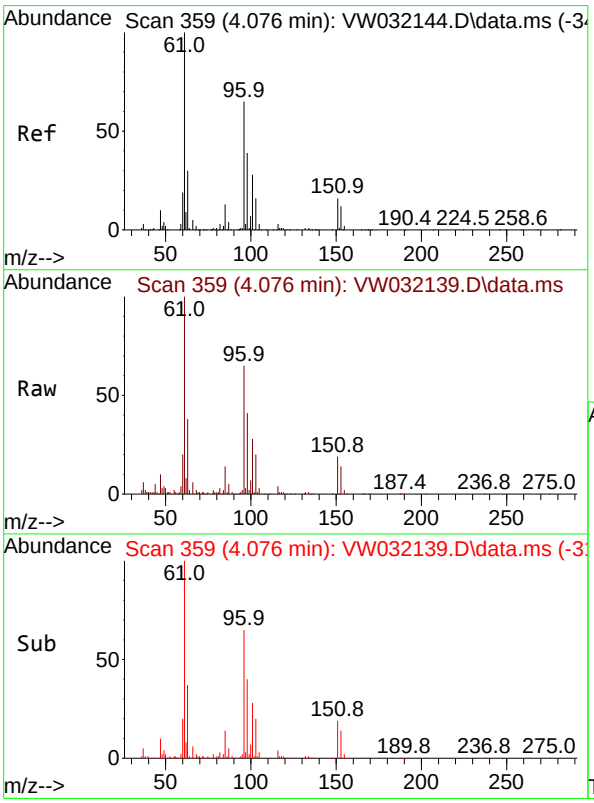
Ion	Ratio	Lower	Upper
59	100		
57	13.7	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

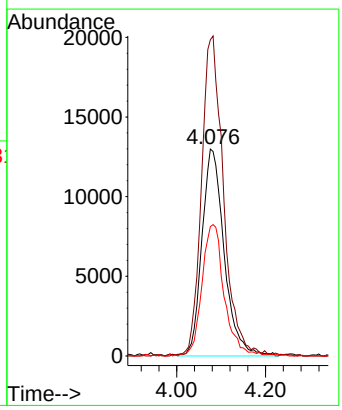
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

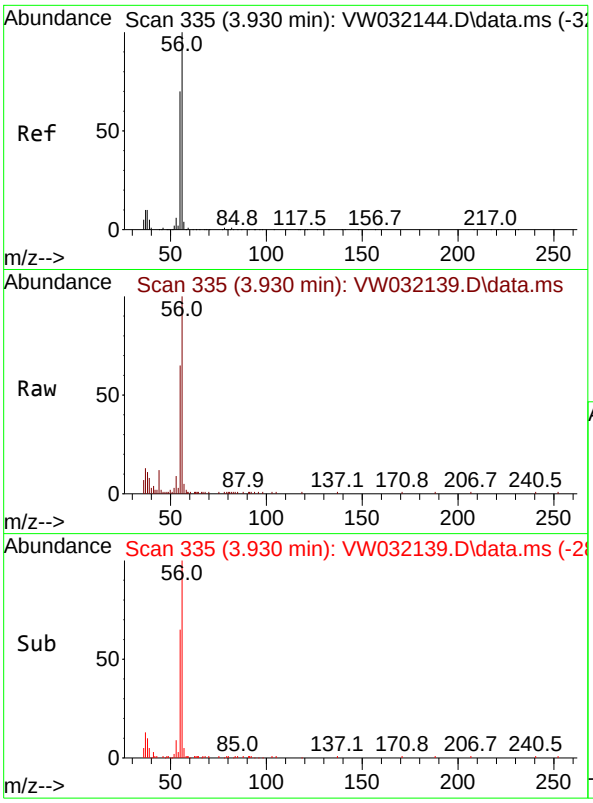


#12
1,1-Dichloroethene
Concen: 20.707 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 96 Resp: 45354

Ion	Ratio	Lower	Upper
96	100		
61	152.0	123.0	184.4
98	62.5	48.5	72.7

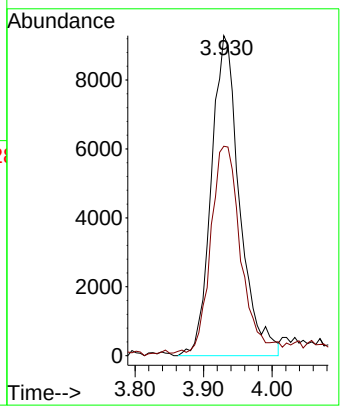




#13
Acrolein
Concen: 95.503 ug/l
RT: 3.930 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 56 Resp: 2661

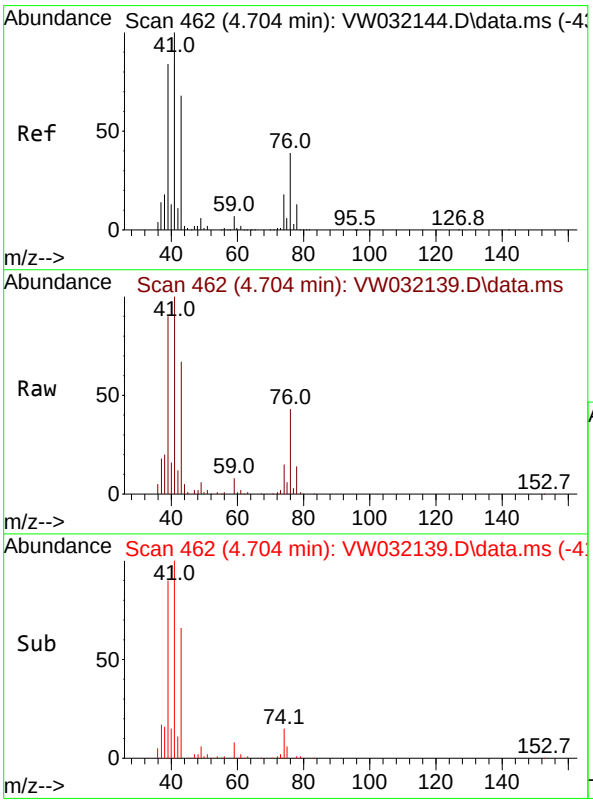
Ion	Ratio	Lower	Upper
56	100		
55	68.2	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

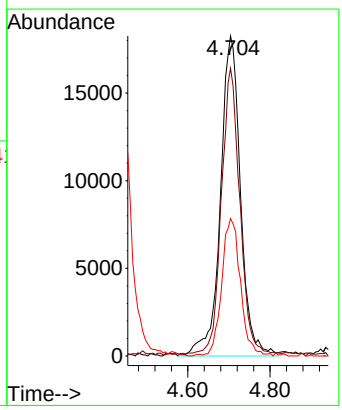
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

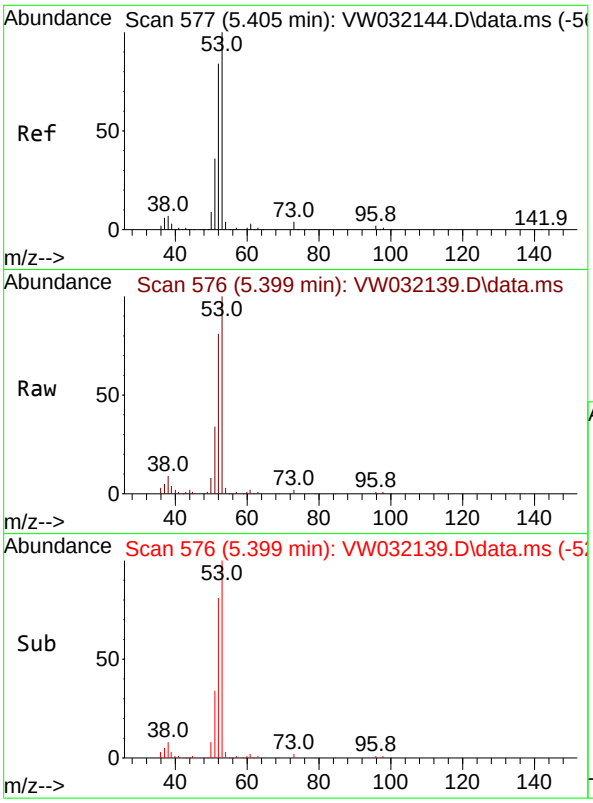


#14
Allyl chloride
Concen: 19.960 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 41 Resp: 62098

Ion	Ratio	Lower	Upper
41	100		
39	82.8	64.1	96.1
76	39.7	31.4	47.2

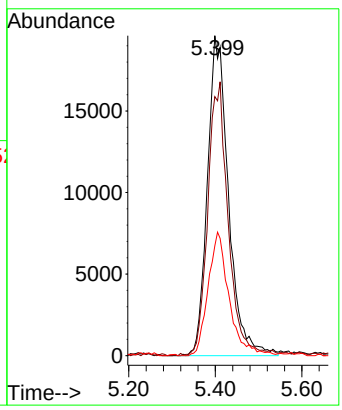




#15
Acrylonitrile
Concen: 99.123 ug/l
RT: 5.399 min Scan# 5
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 53 Resp: 6639

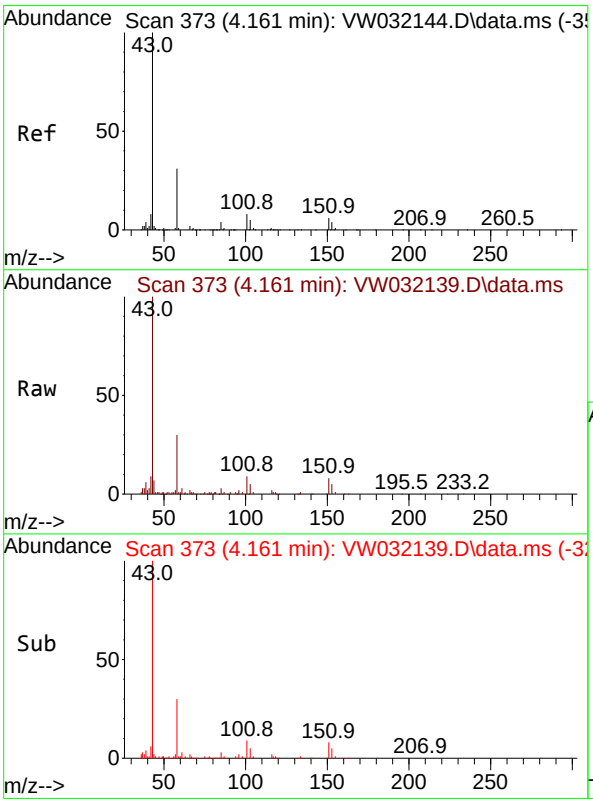
Ion	Ratio	Lower	Upper
53	100		
52	81.2	67.4	101.2
51	38.4	30.3	45.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

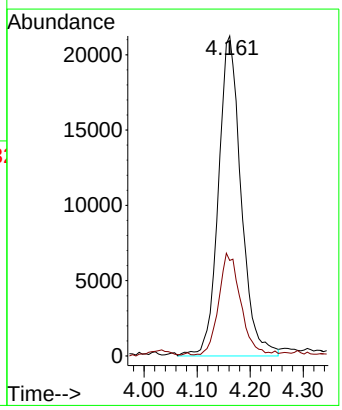
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

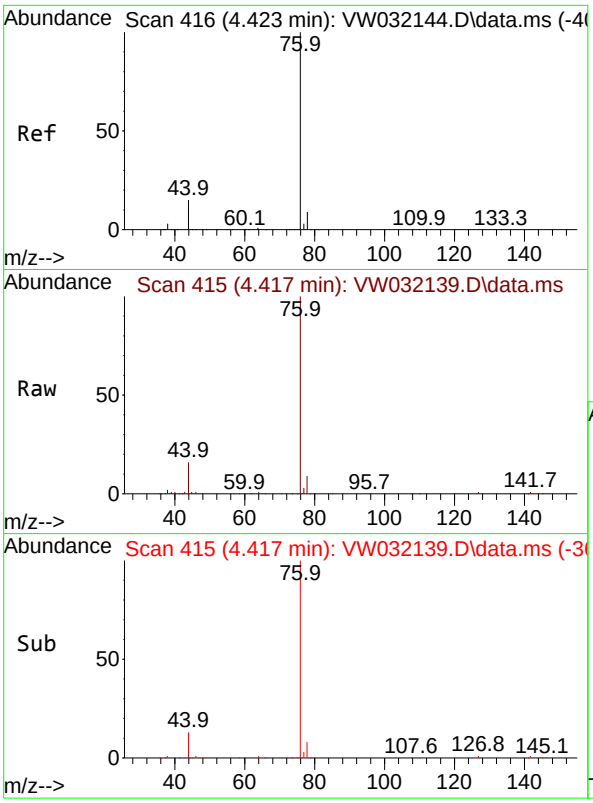


#16
Acetone
Concen: 98.351 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 43 Resp: 63129

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.3	37.9

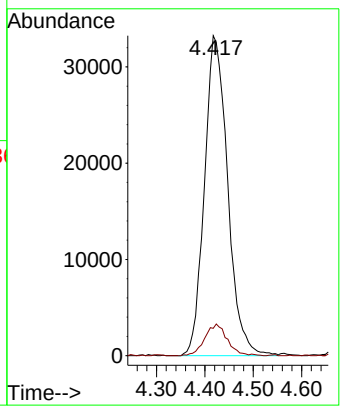




#17
Carbon Disulfide
Concen: 20.273 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 76 Resp: 11105

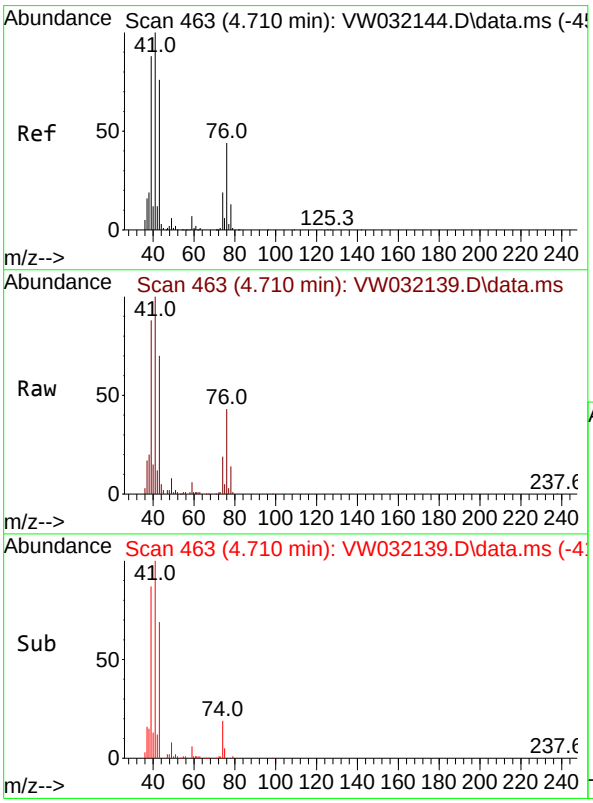
Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

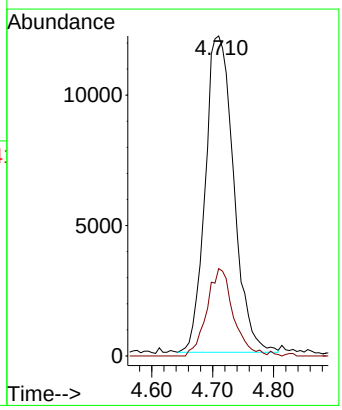
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

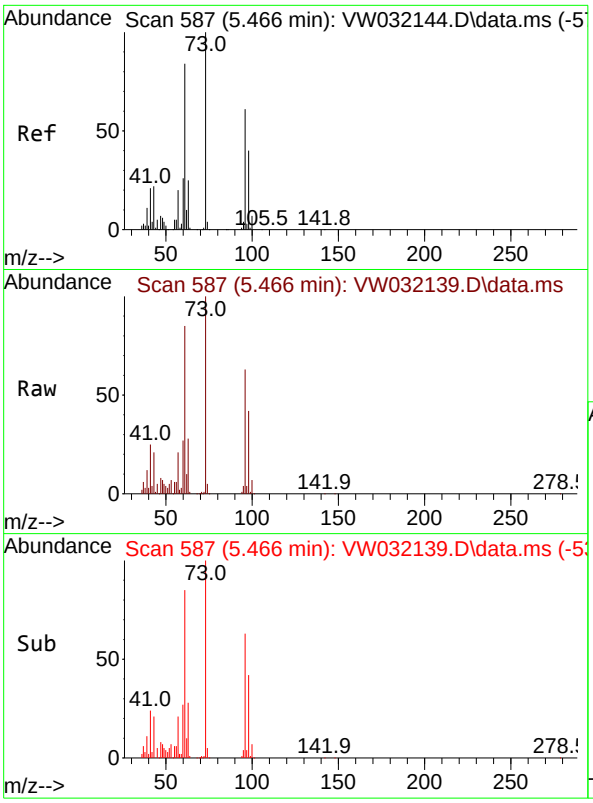


#18
Methyl Acetate
Concen: 19.232 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 43 Resp: 39333

Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.2	30.4

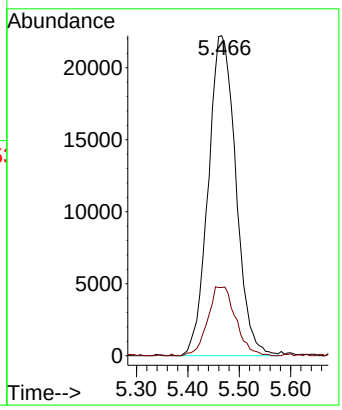




#19
Methyl tert-butyl Ether
Concen: 20.069 ug/l
RT: 5.466 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 73 Resp: 8300

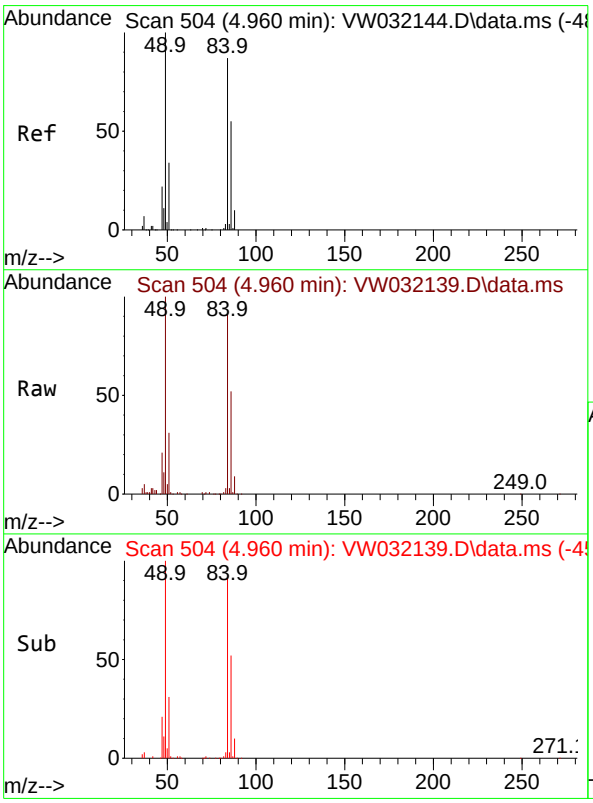
Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.2	24.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

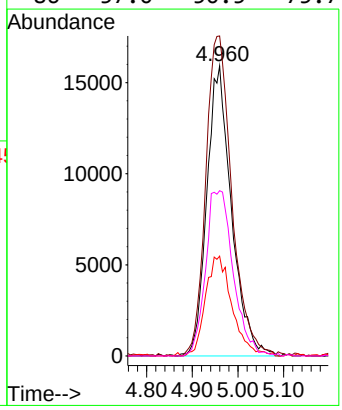
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

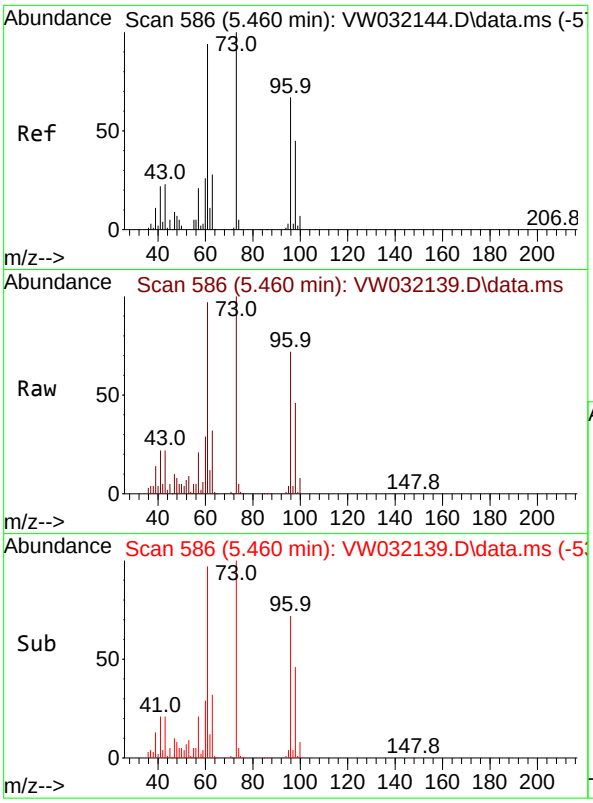


#20
Methylene Chloride
Concen: 20.052 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 84 Resp: 59672

Ion	Ratio	Lower	Upper
84	100		
49	110.3	92.2	138.4
51	34.4	31.0	46.6
86	57.0	50.5	75.7

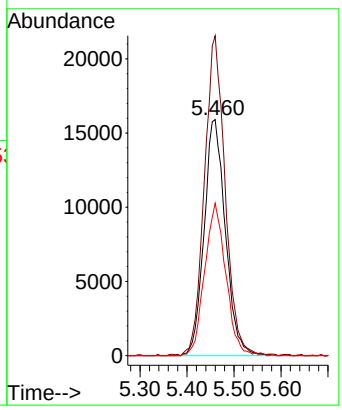




#21
trans-1,2-Dichloroethene
Concen: 20.469 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 96 Resp: 5008

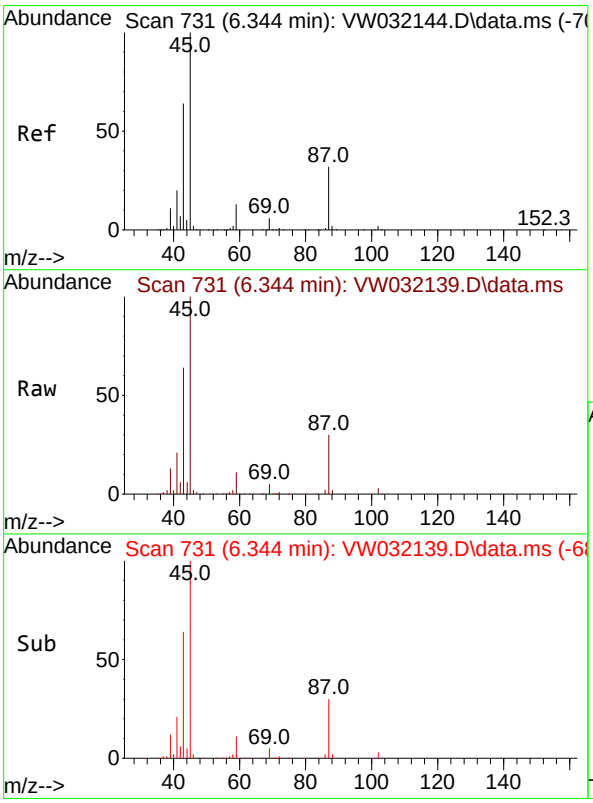
Ion	Ratio	Lower	Upper
96	100		
61	135.5	112.5	168.7
98	64.6	54.2	81.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

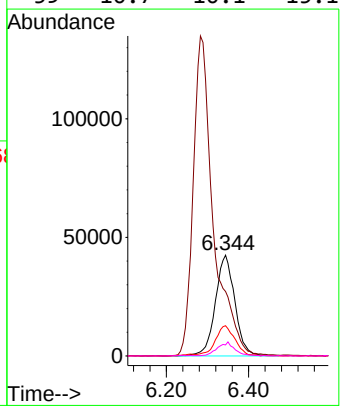
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

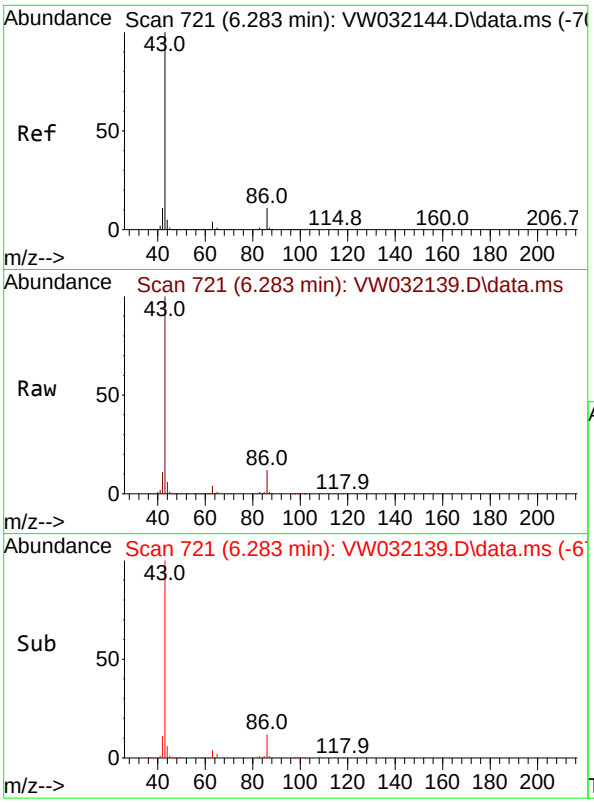


#22
Diisopropyl ether
Concen: 20.752 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 45 Resp: 140521

Ion	Ratio	Lower	Upper
45	100		
43	63.2	51.4	77.2
87	29.7	25.9	38.9
59	10.7	10.1	15.1

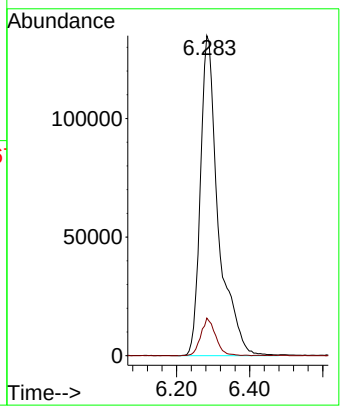




#23
Vinyl Acetate
Concen: 99.855 ug/l
RT: 6.283 min Scan# 7
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 43 Resp: 45970

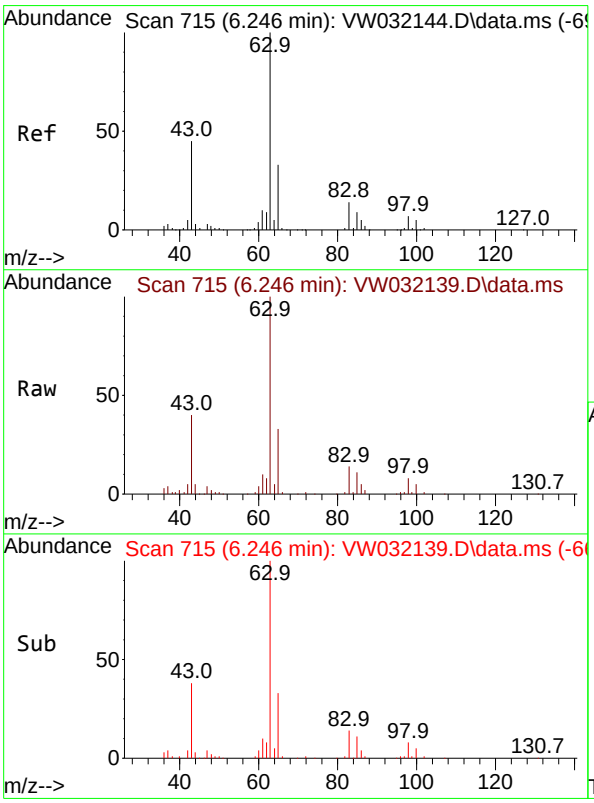
Ion	Ratio	Lower	Upper
43	100		
86	11.8	8.8	13.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

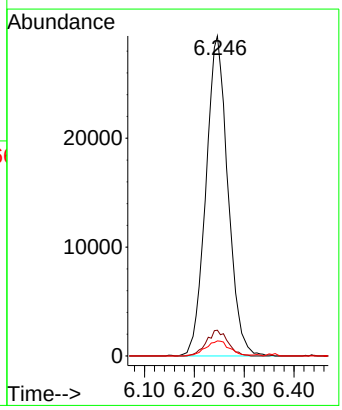
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

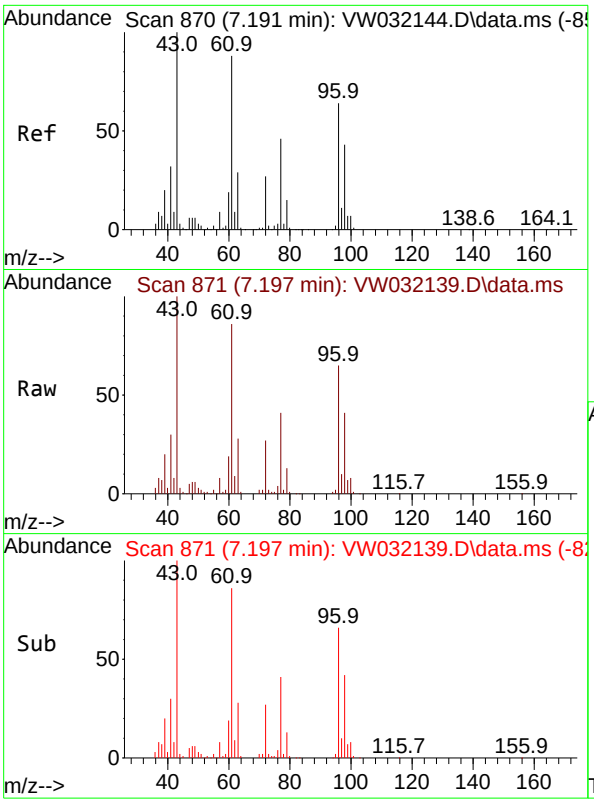


#24
1,1-Dichloroethane
Concen: 20.257 ug/l
RT: 6.246 min Scan# 715
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 63 Resp: 89798

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.2
100	4.7	2.5	7.5

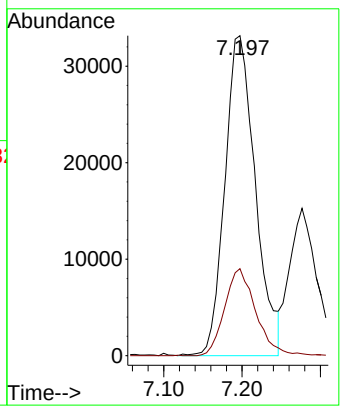




#25
2-Butanone
Concen: 98.843 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 43 Resp: 8990

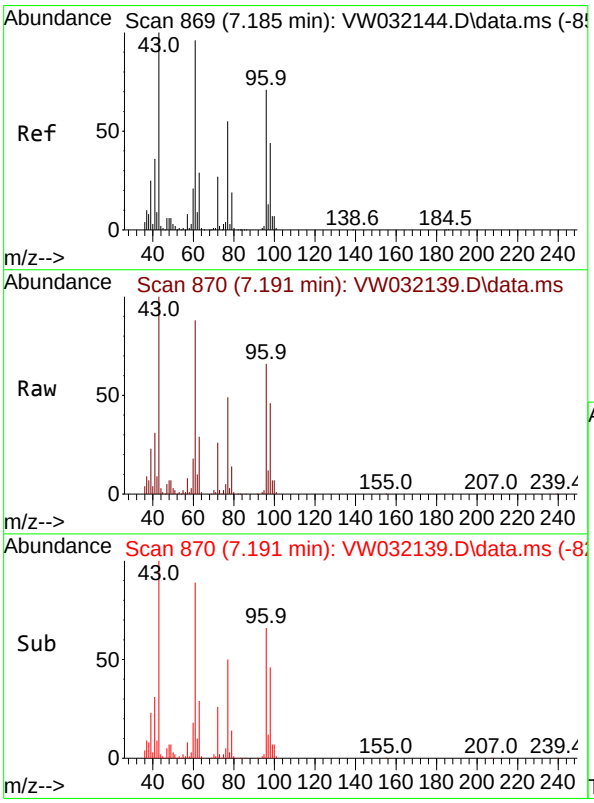
Ion	Ratio	Lower	Upper
43	100		
72	27.0	21.4	32.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

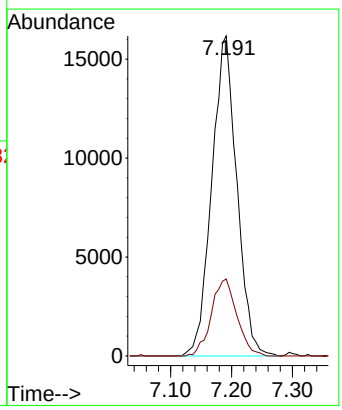
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

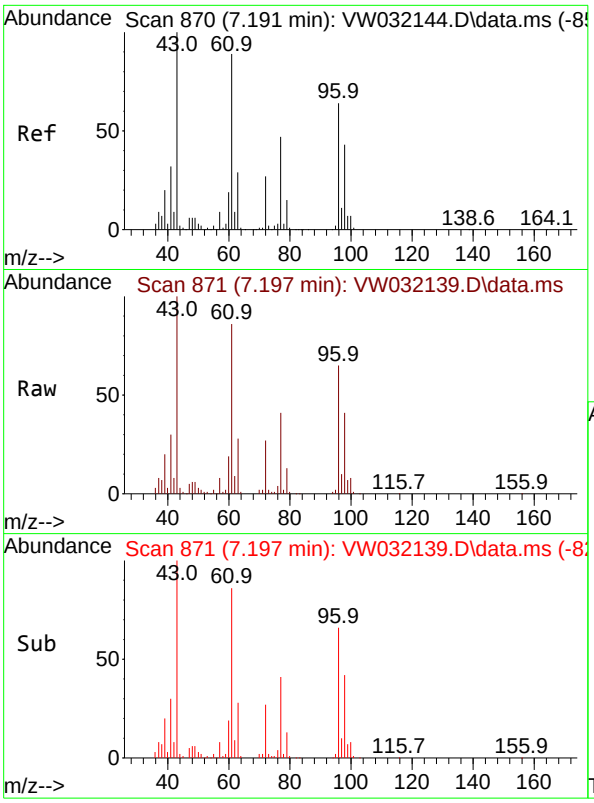


#26
2,2-Dichloropropane
Concen: 19.654 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 77 Resp: 46138

Ion	Ratio	Lower	Upper
77	100		
97	24.5	11.9	35.5

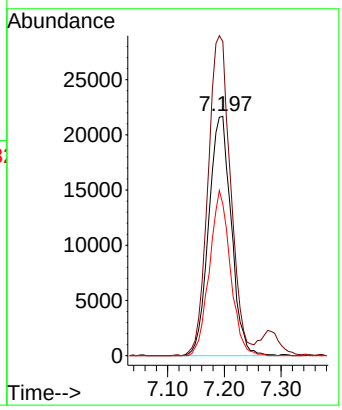




#27
cis-1,2-Dichloroethene
Concen: 20.111 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 96 Resp: 5987

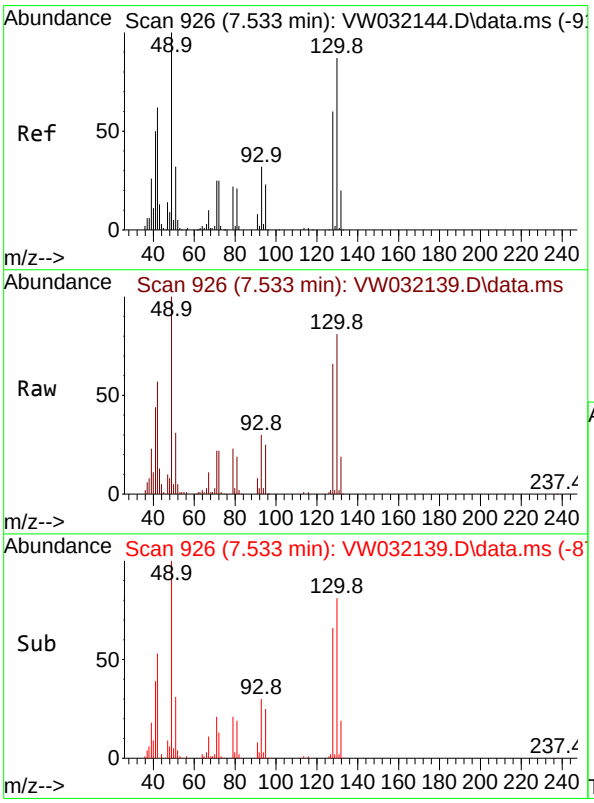
Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	268.0
98	63.9	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

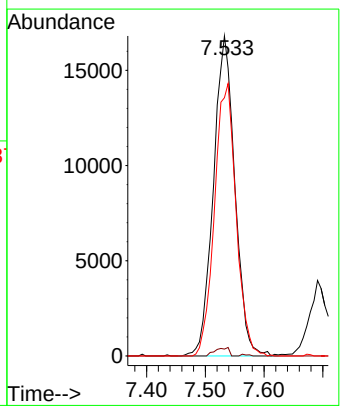
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

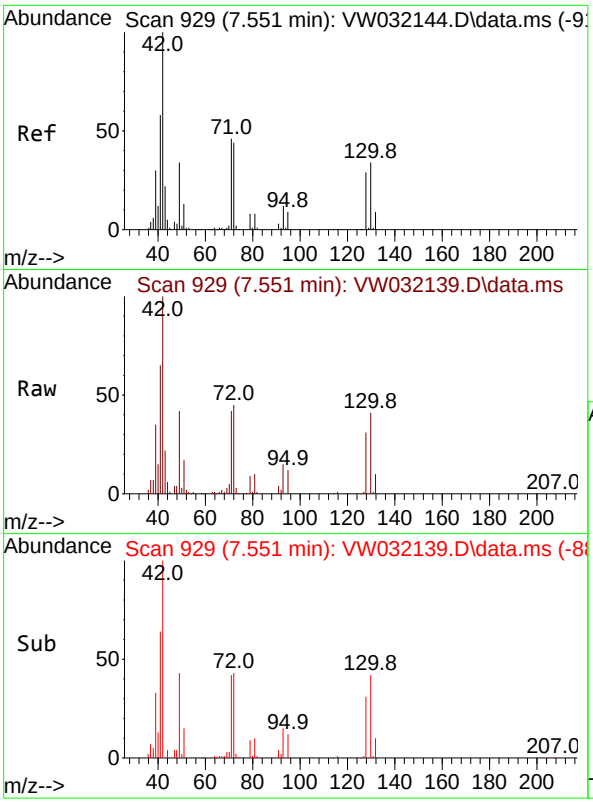


#28
Bromochloromethane
Concen: 21.071 ug/l
RT: 7.533 min Scan# 926
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 49 Resp: 42759

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	85.4	67.5	101.3

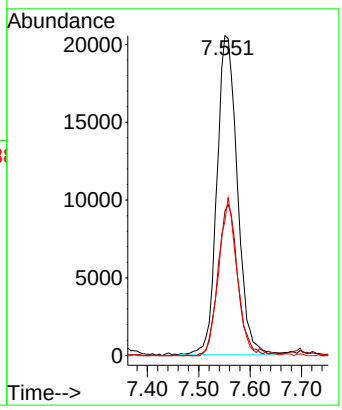




#29
Tetrahydrofuran
Concen: 97.972 ug/l
RT: 7.551 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 42 Resp: 5662

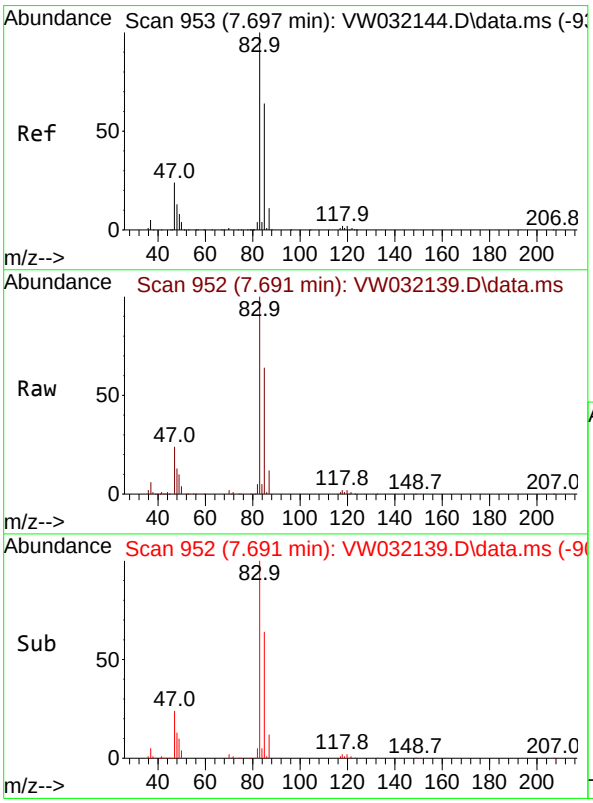
Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.4	56.2
71	44.1	36.0	54.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

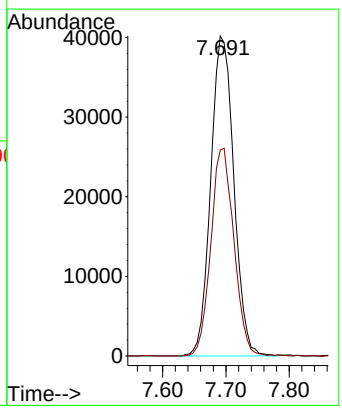
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

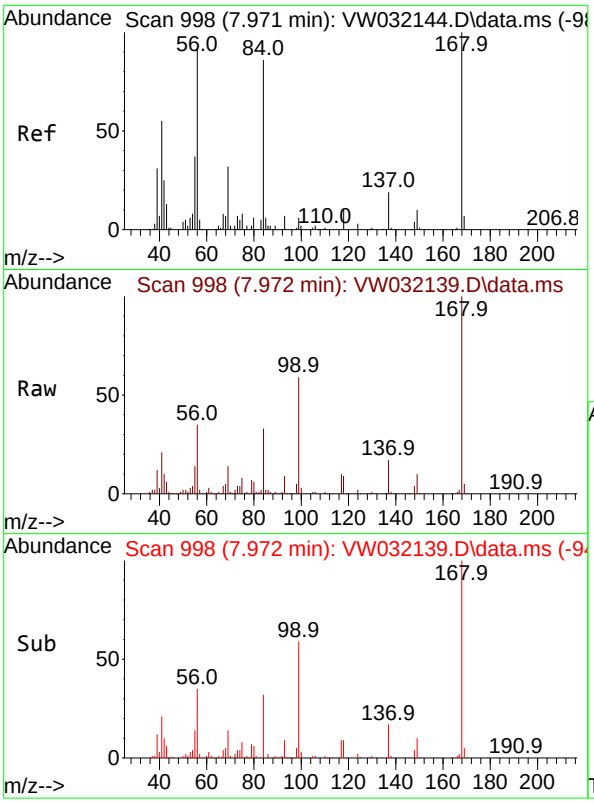


#30
Chloroform
Concen: 20.129 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 83 Resp: 101880

Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.2	76.8

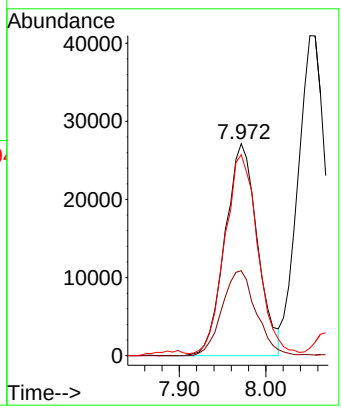




#31
Cyclohexane
Concen: 19.422 ug/l
RT: 7.972 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 56 Resp: 7066

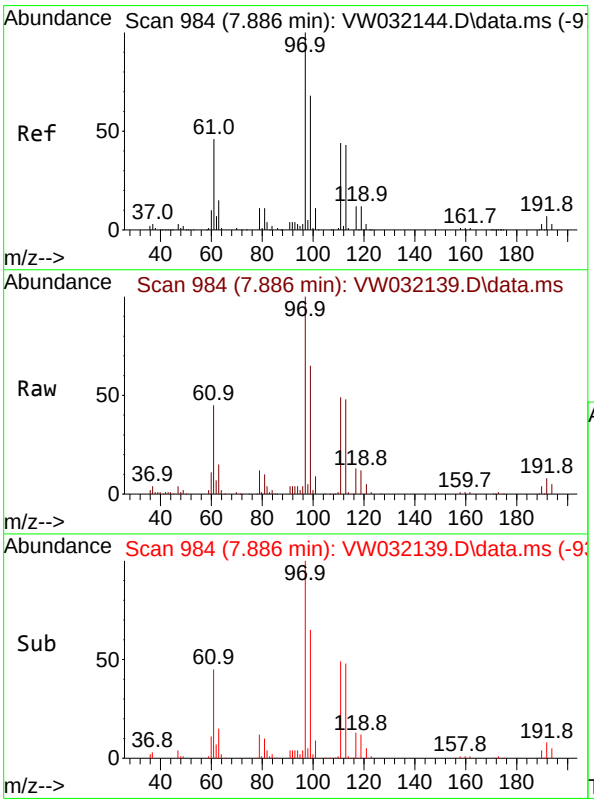
Ion	Ratio	Lower	Upper
56	100		
69	40.0	27.7	41.5
84	92.3	74.6	112.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

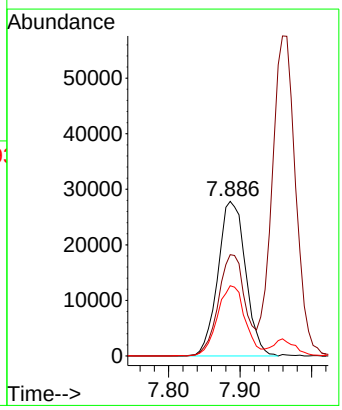
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

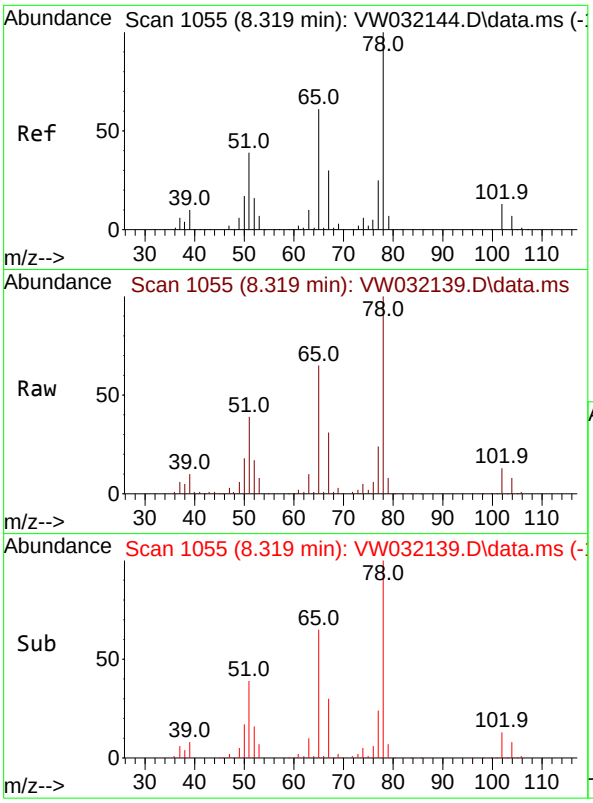


#32
1,1,1-Trichloroethane
Concen: 20.210 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 97 Resp: 74668

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.9	76.3
61	45.3	36.2	54.4

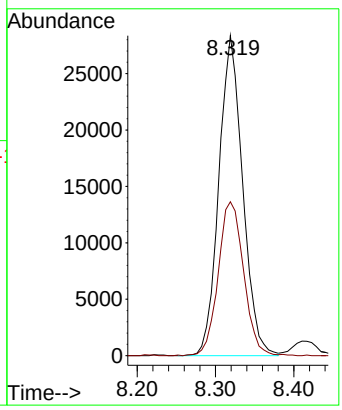




#33
1,2-Dichloroethane-d4
Concen: 20.227 ug/l
RT: 8.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 65 Resp: 5994

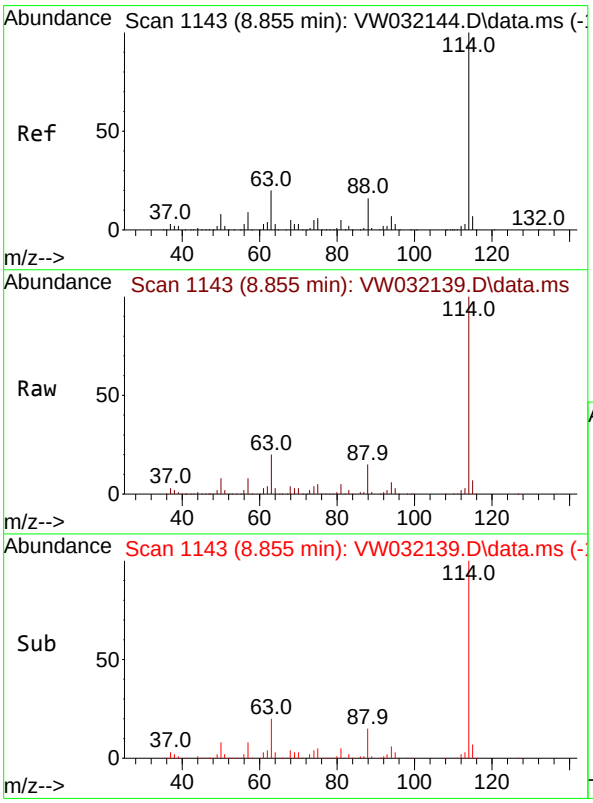
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	99.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

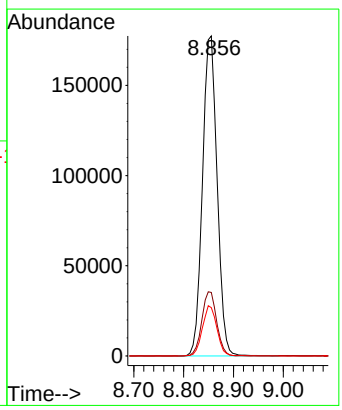
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

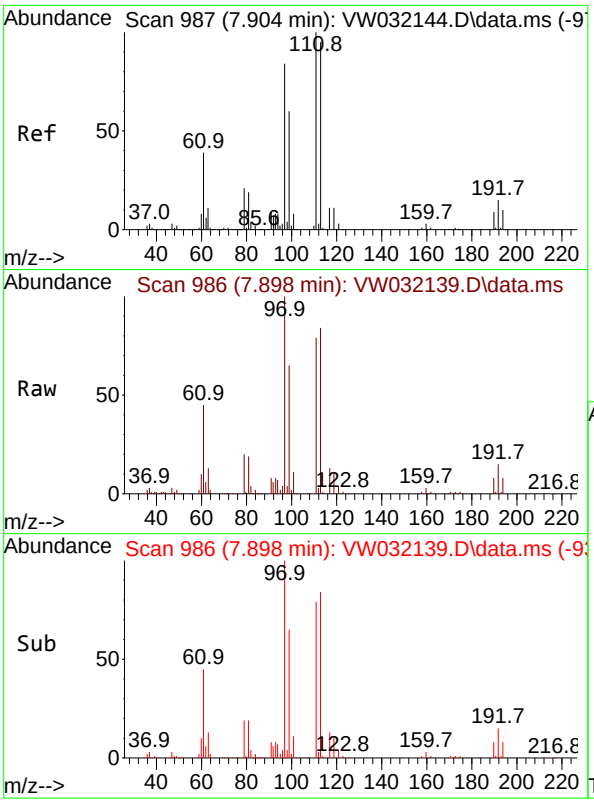


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:114 Resp: 361729

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.4
88	15.1	0.0	32.0

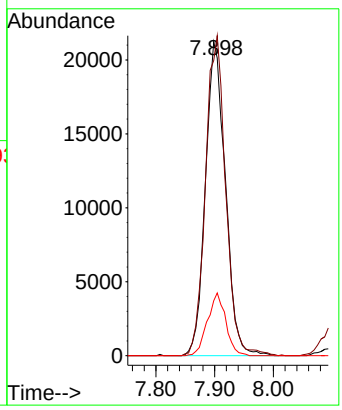




#35
Dibromofluoromethane
Concen: 19.778 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:113 Resp: 5019

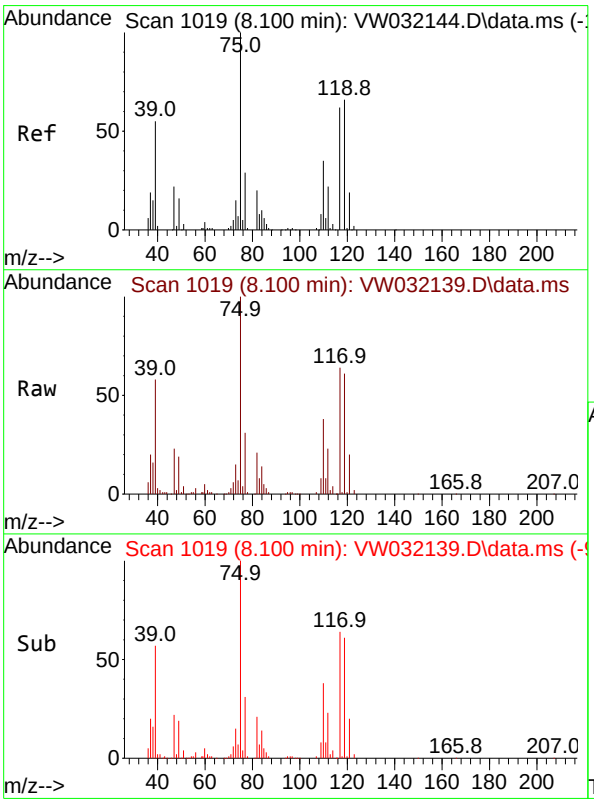
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.9	125.9
192	18.3	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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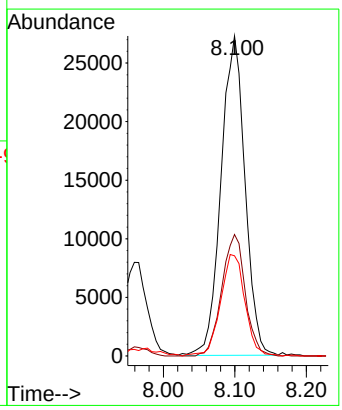
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

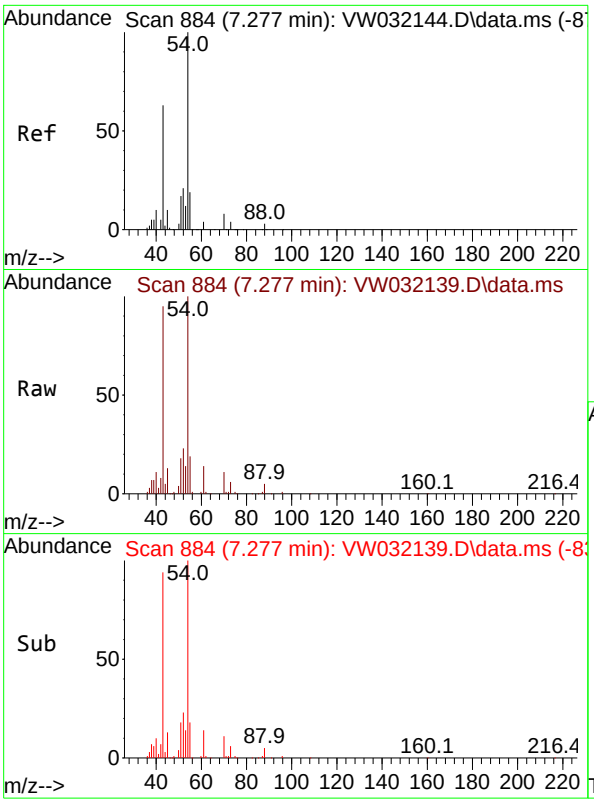


#36
1,1-Dichloropropene
Concen: 19.299 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 75 Resp: 63503

Ion	Ratio	Lower	Upper
75	100		
110	37.3	17.5	52.5
77	32.3	24.1	36.1

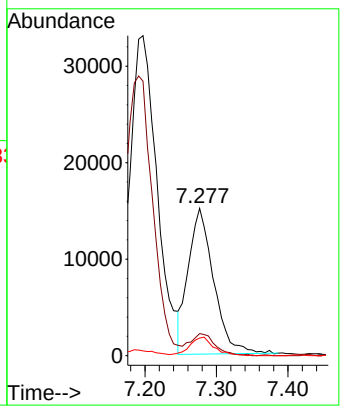




#37
Ethyl Acetate
Concen: 18.873 ug/l
RT: 7.277 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 43 Resp: 3725

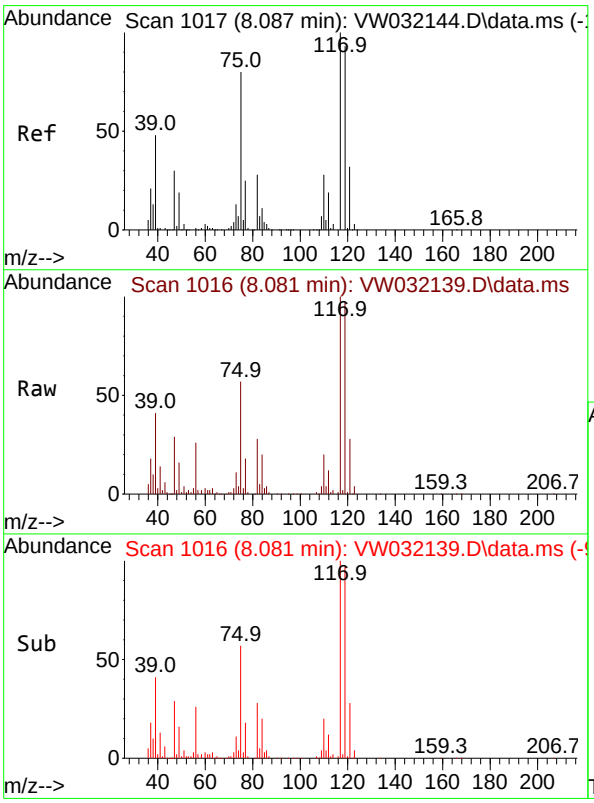
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	12.1	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

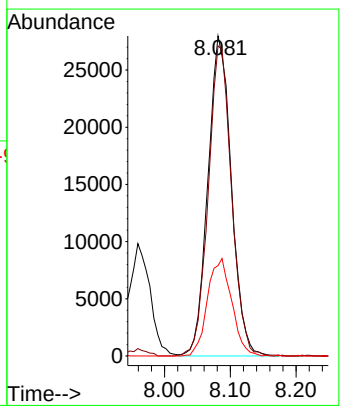
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

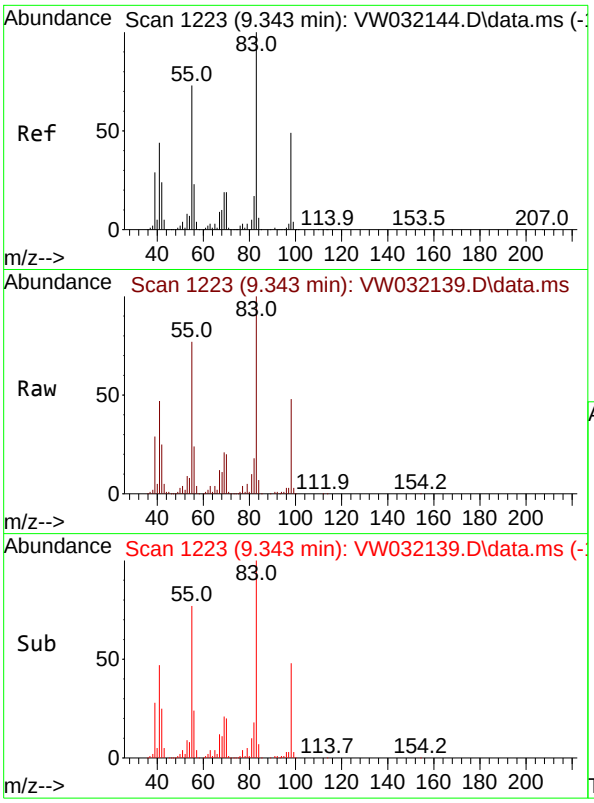


#38
Carbon Tetrachloride
Concen: 19.703 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:117 Resp: 69501

Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.2	111.2
121	28.2	25.6	38.4





#39
Methylcyclohexane
Concen: 19.204 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

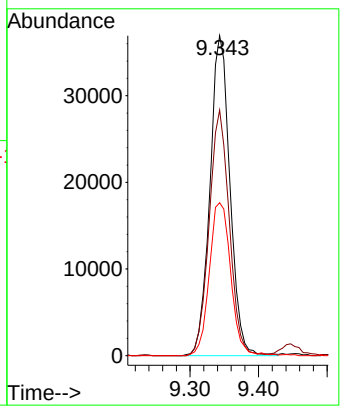
Tgt Ion: 83 Resp: 7484

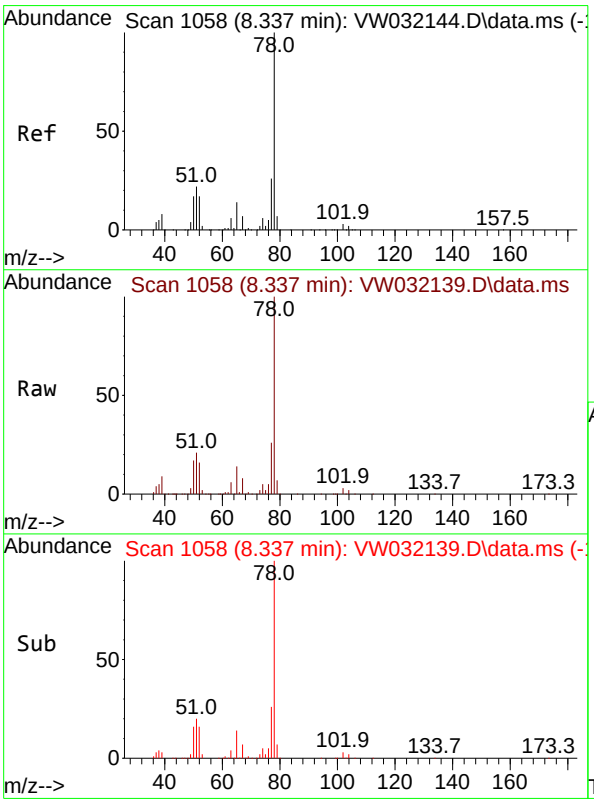
Ion	Ratio	Lower	Upper
83	100		
55	76.8	58.4	87.6
98	47.8	39.4	59.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

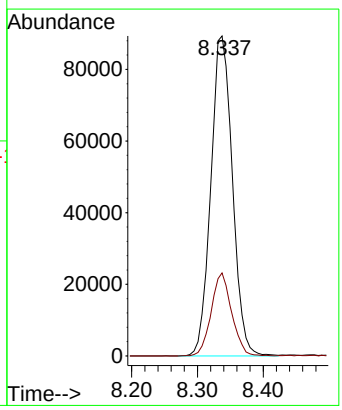


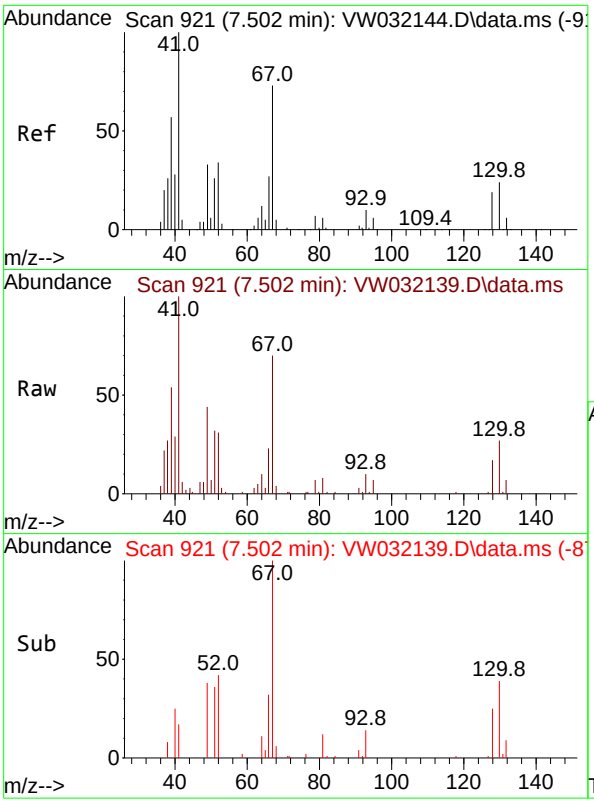


#40
Benzene
Concen: 20.078 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 78 Resp: 204224

Ion	Ratio	Lower	Upper
78	100		
77	25.9	20.7	31.1

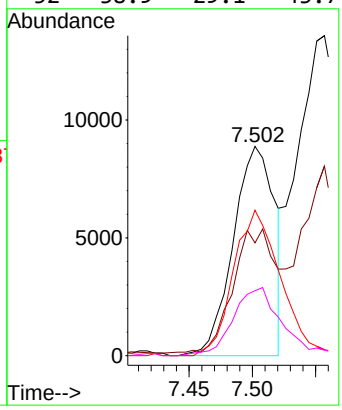




#41
Methacrylonitrile
Concen: 18.417 ug/l
RT: 7.502 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 41 Resp: 2019

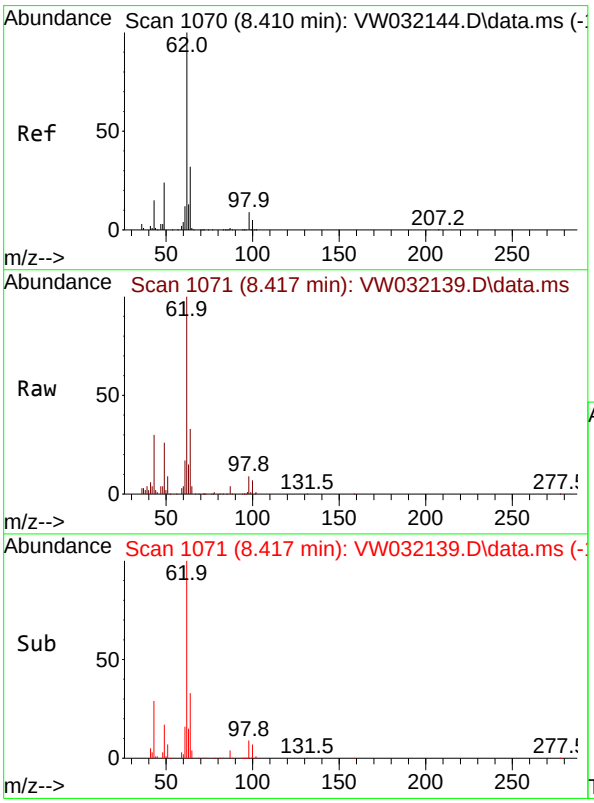
Ion	Ratio	Lower	Upper
41	100		
39	59.1	50.9	76.3
67	79.2	65.6	98.4
52	38.9	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

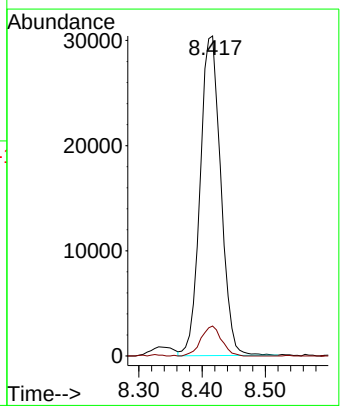
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

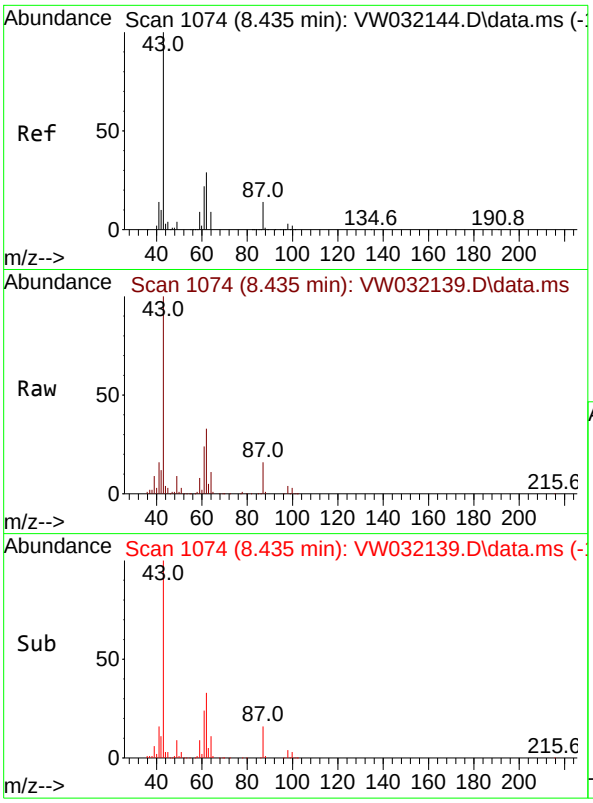


#42
1,2-Dichloroethane
Concen: 19.538 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 62 Resp: 68894

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

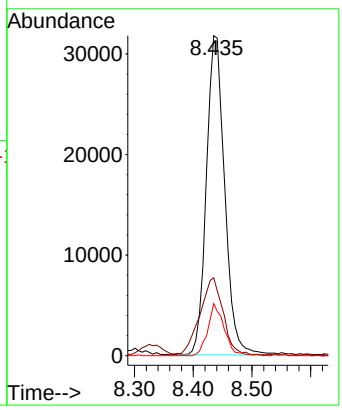




#43
Isopropyl Acetate
Concen: 18.582 ug/l
RT: 8.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 43 Resp: 6881

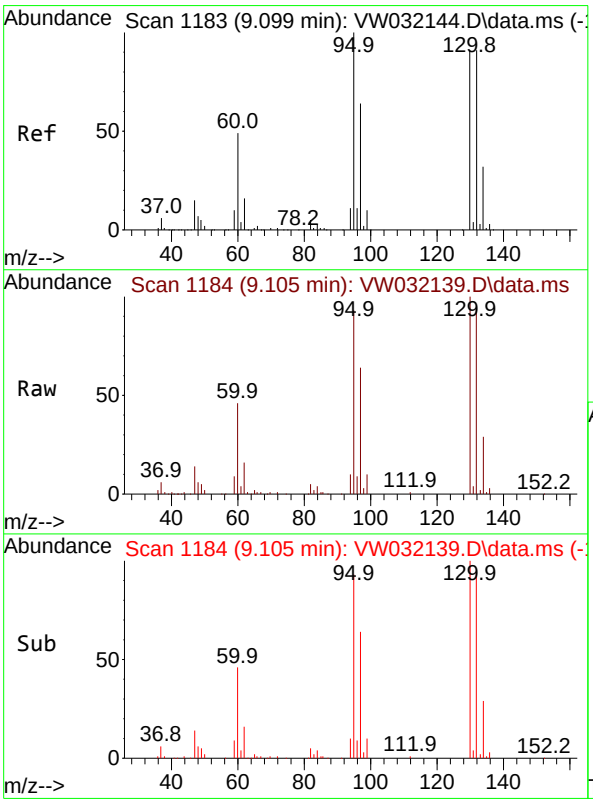
Ion	Ratio	Lower	Upper
43	100		
61	31.3	23.3	34.9
87	14.5	11.1	16.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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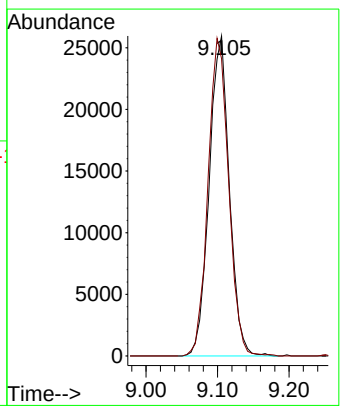
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

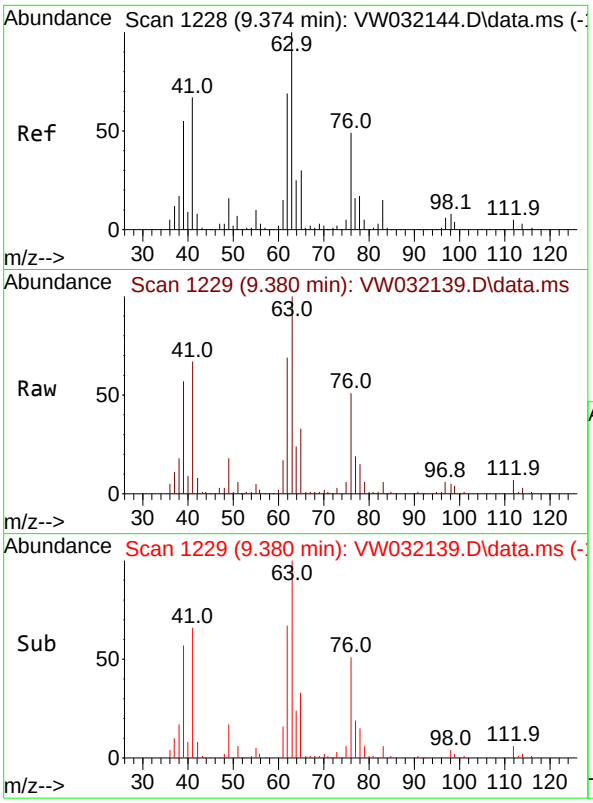


#44
Trichloroethene
Concen: 19.893 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:130 Resp: 50885

Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	220.0

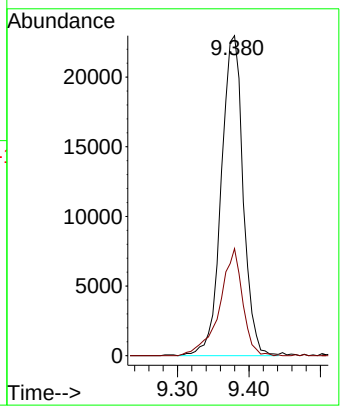




#45
1,2-Dichloropropane
Concen: 19.865 ug/l
RT: 9.380 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 63 Resp: 4870

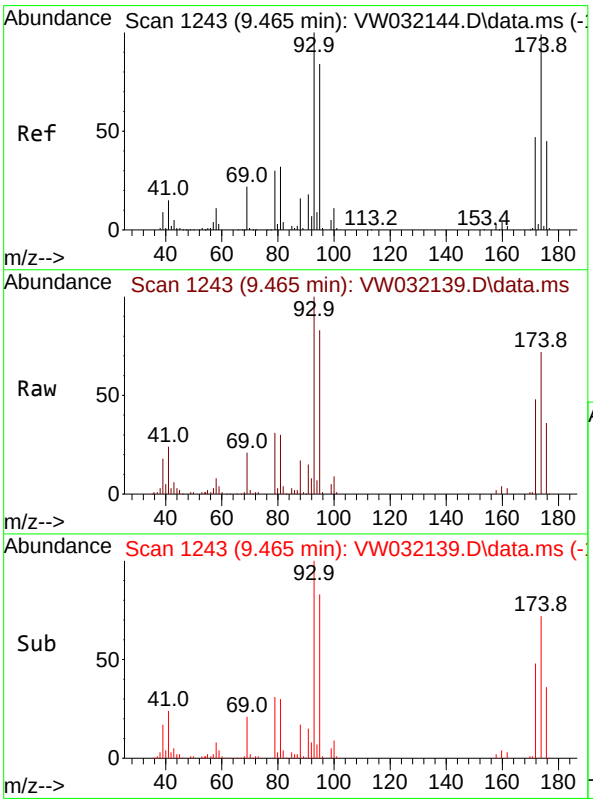
Ion	Ratio	Lower	Upper
63	100		
65	33.5	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

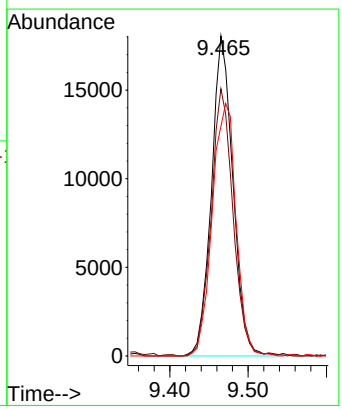
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

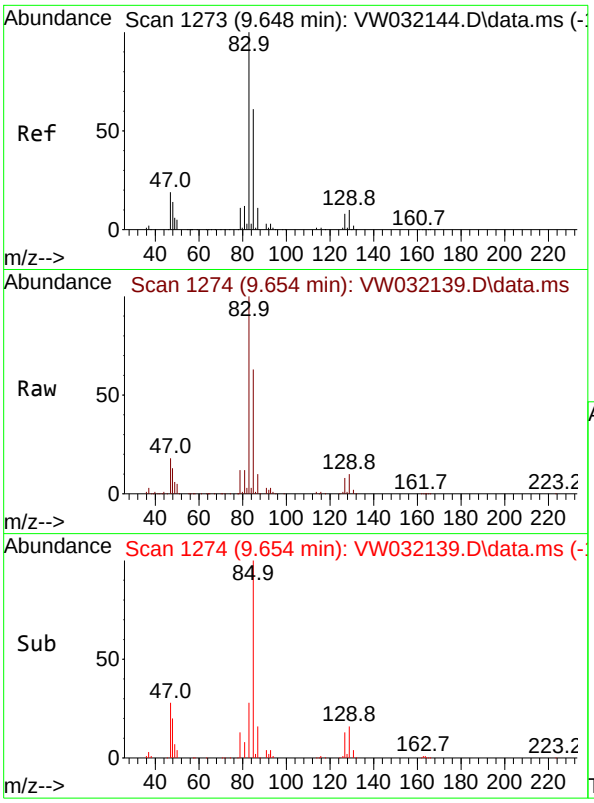


#46
Dibromomethane
Concen: 20.064 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 93 Resp: 34506

Ion	Ratio	Lower	Upper
93	100		
95	85.1	67.4	101.2
174	87.1	75.7	113.5

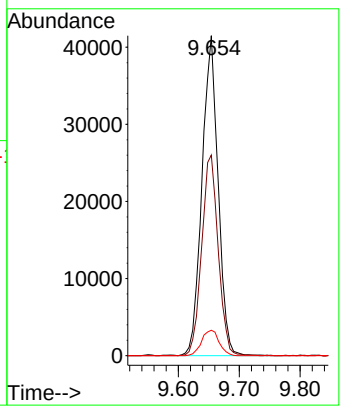




#47
Bromodichloromethane
Concen: 19.528 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 83 Resp: 7632

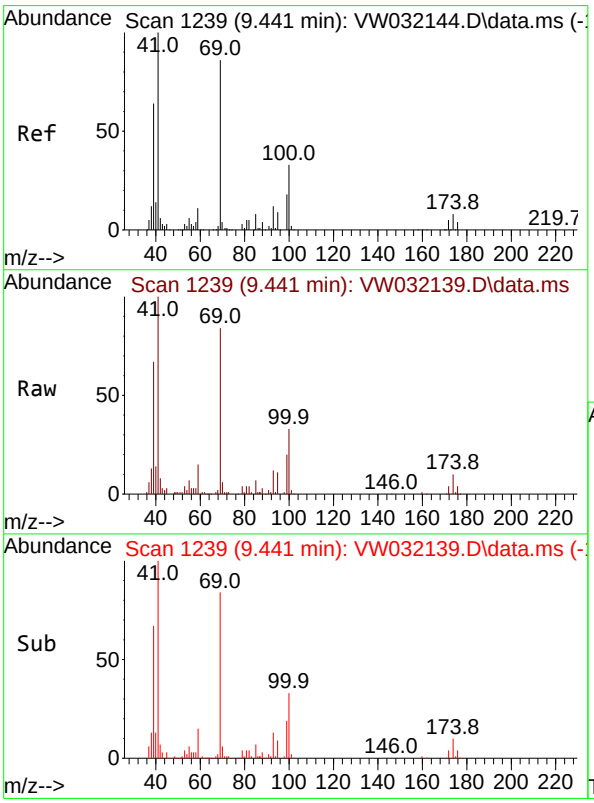
Ion	Ratio	Lower	Upper
83	100		
85	62.7	48.7	73.1
127	8.0	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

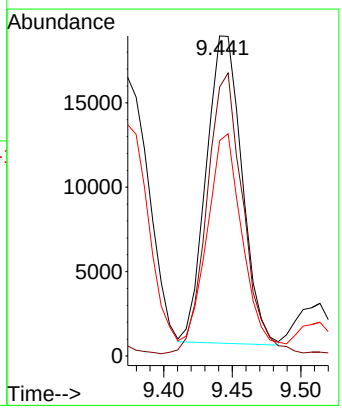
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

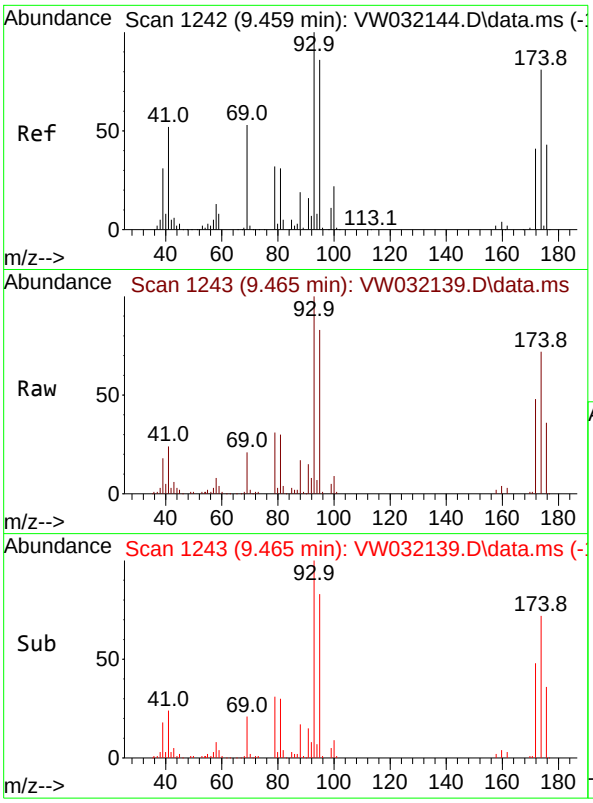


#48
Methyl methacrylate
Concen: 19.347 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 41 Resp: 33017

Ion	Ratio	Lower	Upper
41	100		
69	96.0	71.5	107.3
39	72.7	55.9	83.9

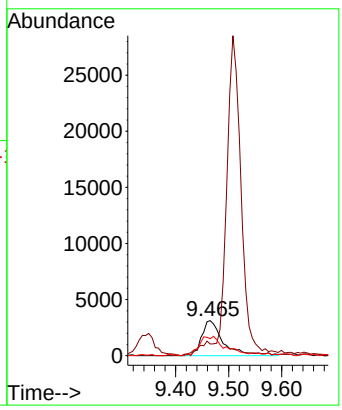




#49
1,4-Dioxane
Concen: 431.107 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 88 Resp: 895

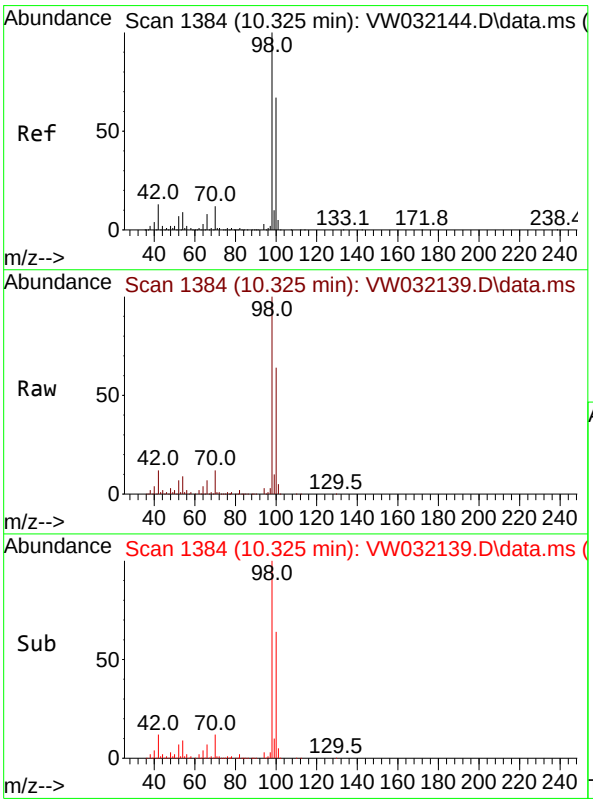
Ion	Ratio	Lower	Upper
88	100		
43	23.9	18.0	27.0
58	64.3	55.4	83.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

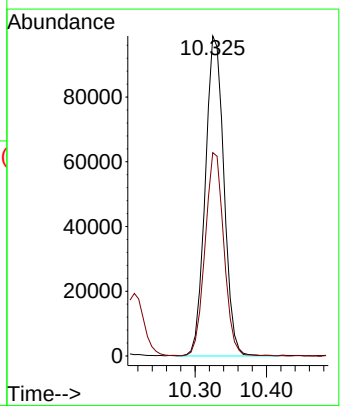
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

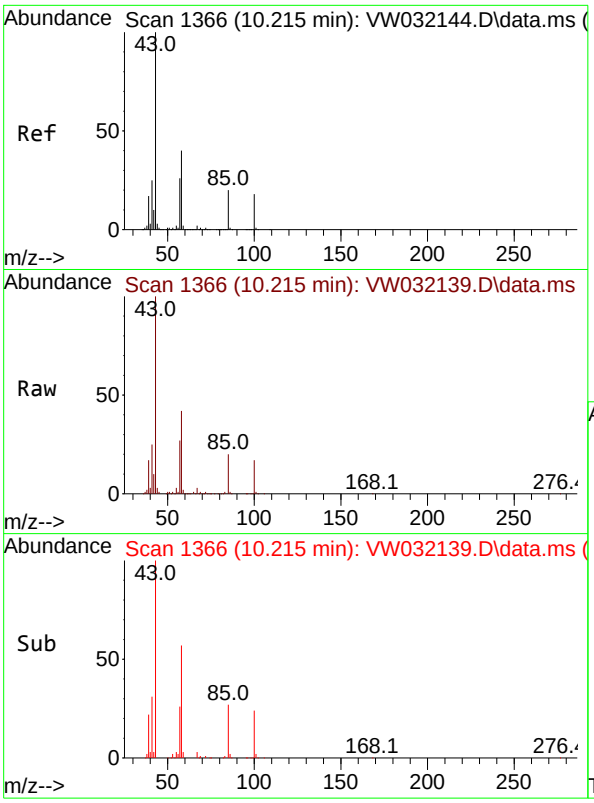


#50
Toluene-d8
Concen: 20.051 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 98 Resp: 178639

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.2

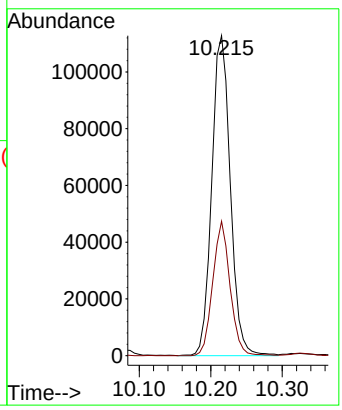




#51
4-Methyl-2-Pentanone
Concen: 97.262 ug/l
RT: 10.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 43 Resp: 20337

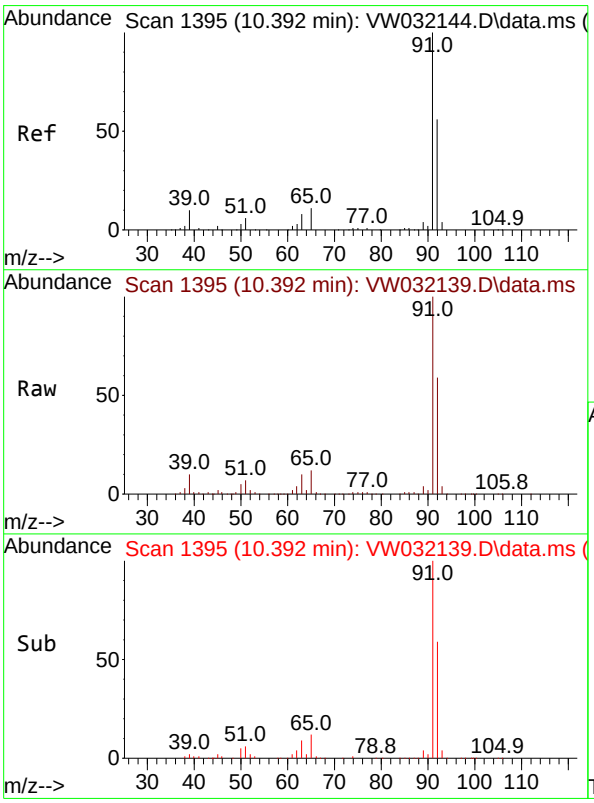
Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.0	48.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

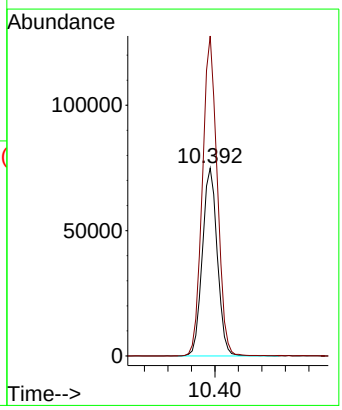
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

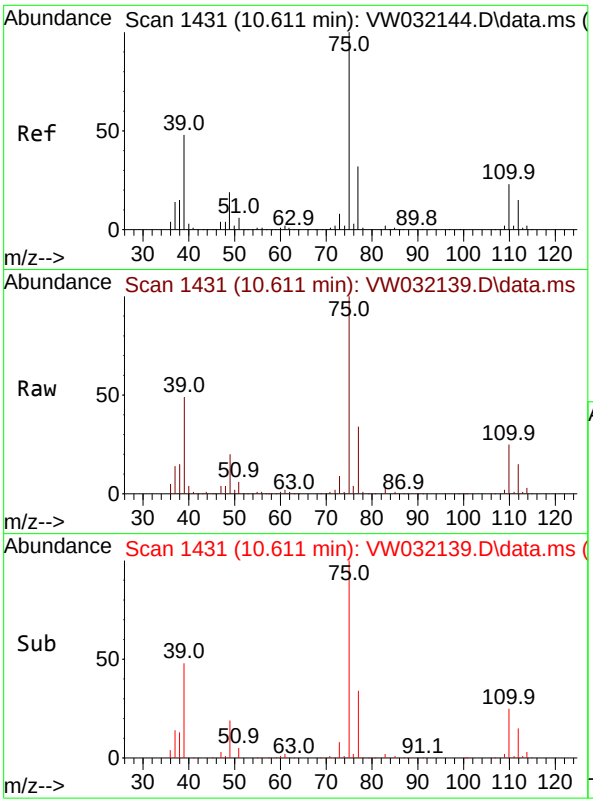


#52
Toluene
Concen: 19.861 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 92 Resp: 132013

Ion	Ratio	Lower	Upper
92	100		
91	169.6	137.5	206.3

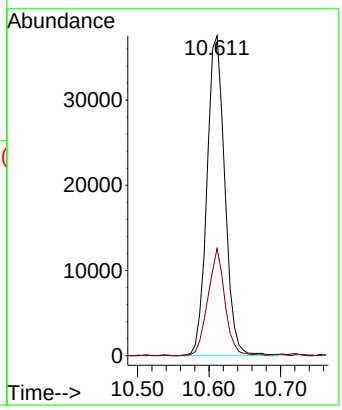




#53
t-1,3-Dichloropropene
Concen: 18.922 ug/l
RT: 10.611 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 75 Resp: 6523

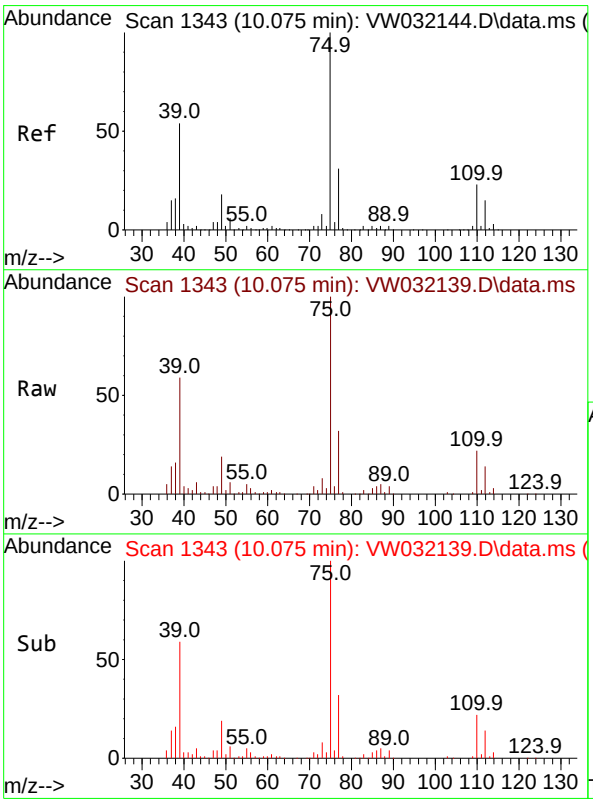
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.6	38.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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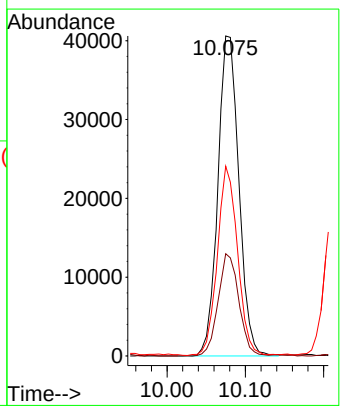
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

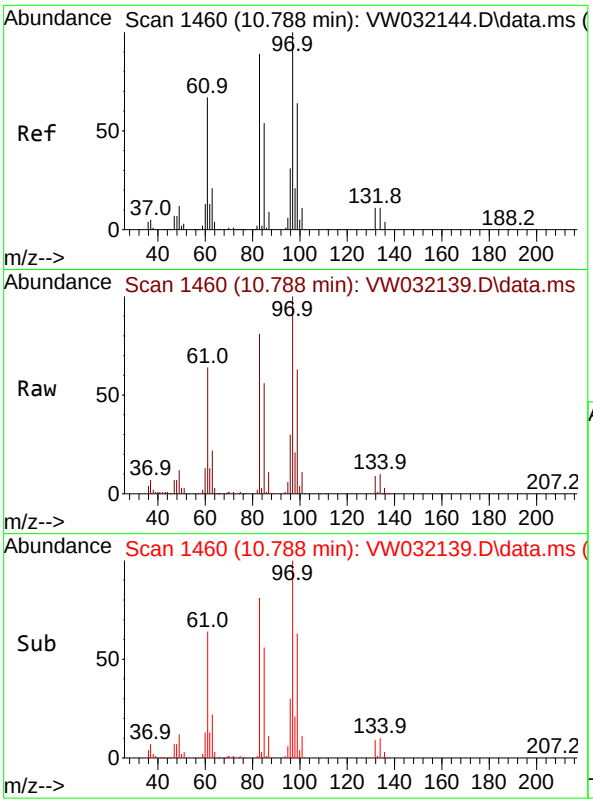


#54
cis-1,3-Dichloropropene
Concen: 19.244 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 75 Resp: 75706

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.1	37.7
39	58.9	43.2	64.8

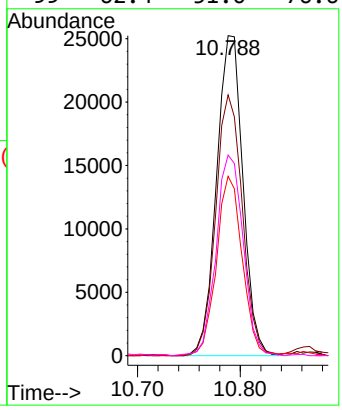




#55
1,1,2-Trichloroethane
Concen: 20.135 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 97 Resp: 4502

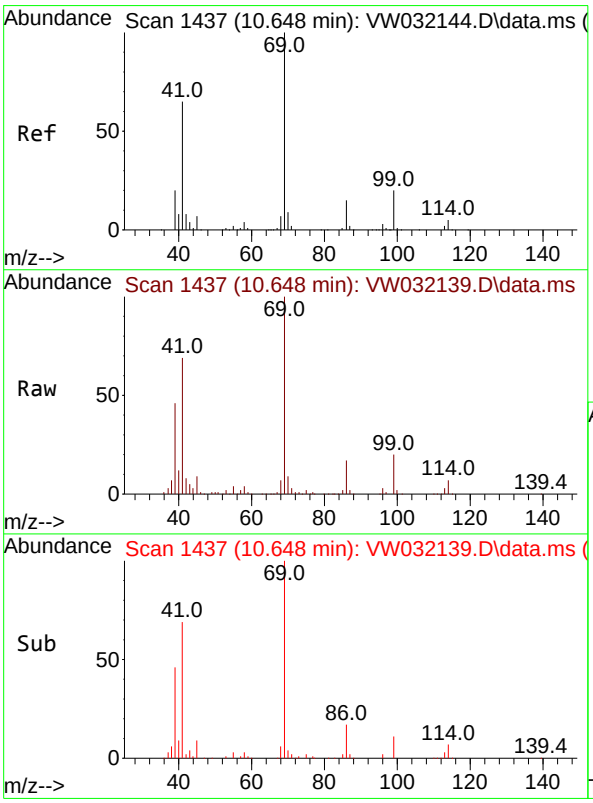
Ion	Ratio	Lower	Upper
97	100		
83	81.5	71.0	106.6
85	56.0	42.8	64.2
99	62.4	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

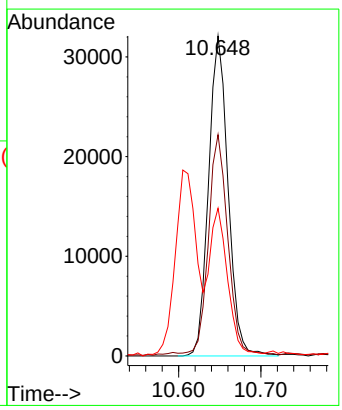
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

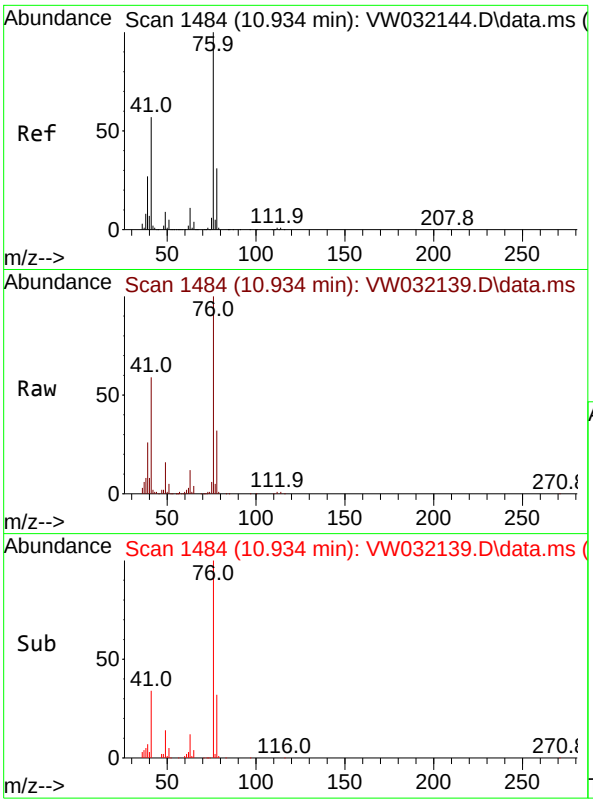


#56
Ethyl methacrylate
Concen: 18.528 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 69 Resp: 52974

Ion	Ratio	Lower	Upper
69	100		
41	69.7	53.2	79.8
39	41.8	32.9	49.3

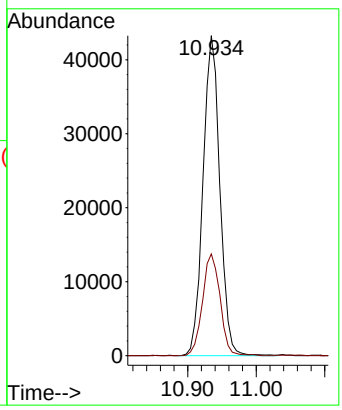




#57
1,3-Dichloropropane
Concen: 19.709 ug/l
RT: 10.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 76 Resp: 7380

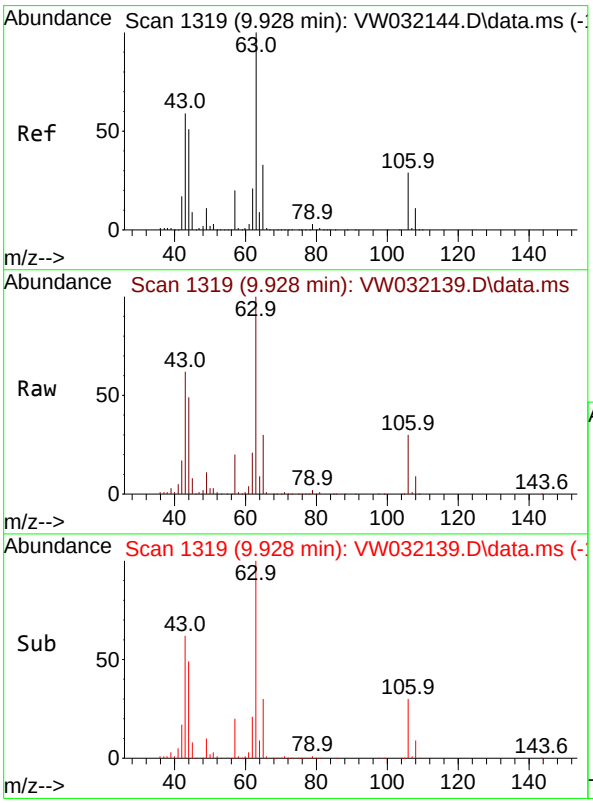
Ion	Ratio	Lower	Upper
76	100		
78	33.2	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

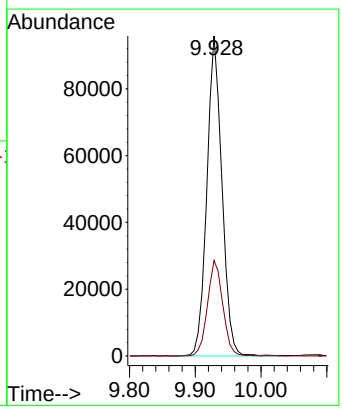
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

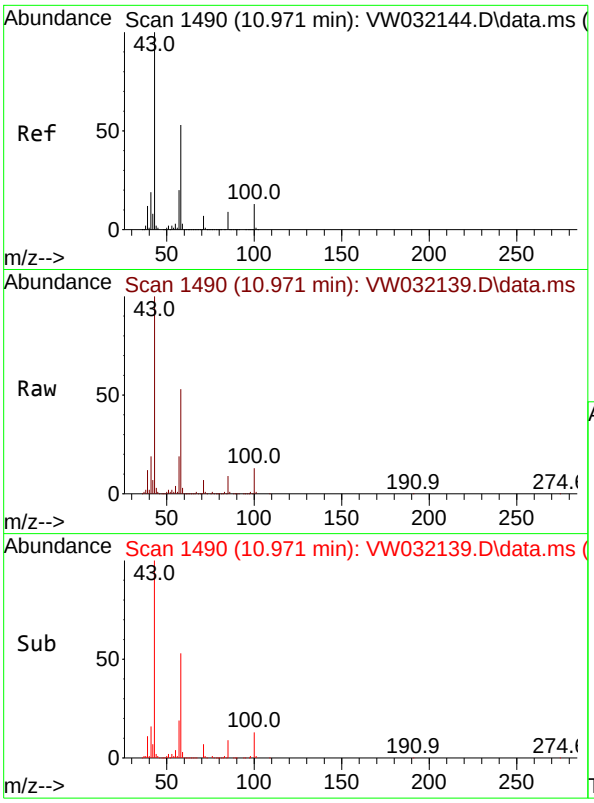


#58
2-Chloroethyl Vinyl ether
Concen: 99.976 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 63 Resp: 152569

Ion	Ratio	Lower	Upper
63	100		
106	30.3	24.3	36.5





#59
2-Hexanone
Concen: 95.057 ug/l
RT: 10.971 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

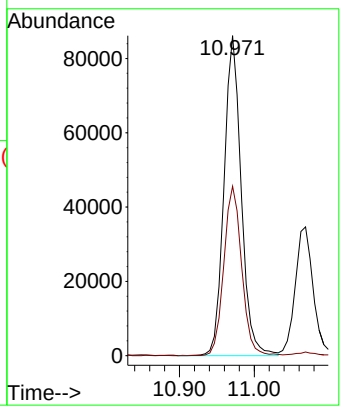
Tgt Ion: 43 Resp: 13823(

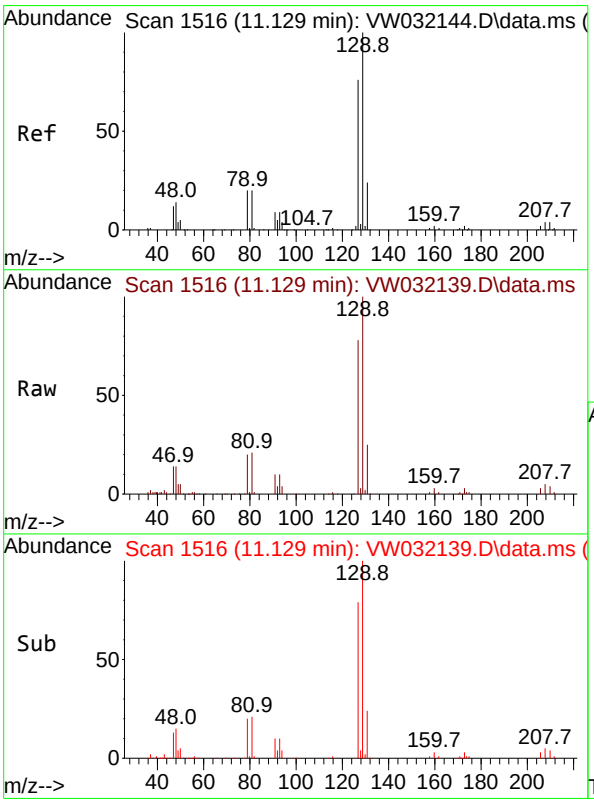
Ion	Ratio	Lower	Upper
43	100		
58	54.8	27.5	82.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

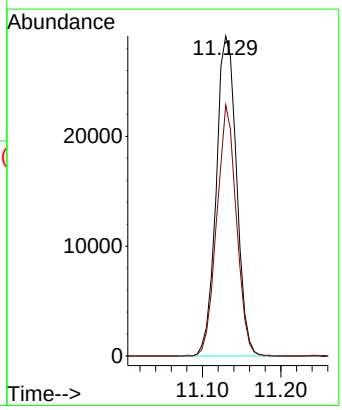


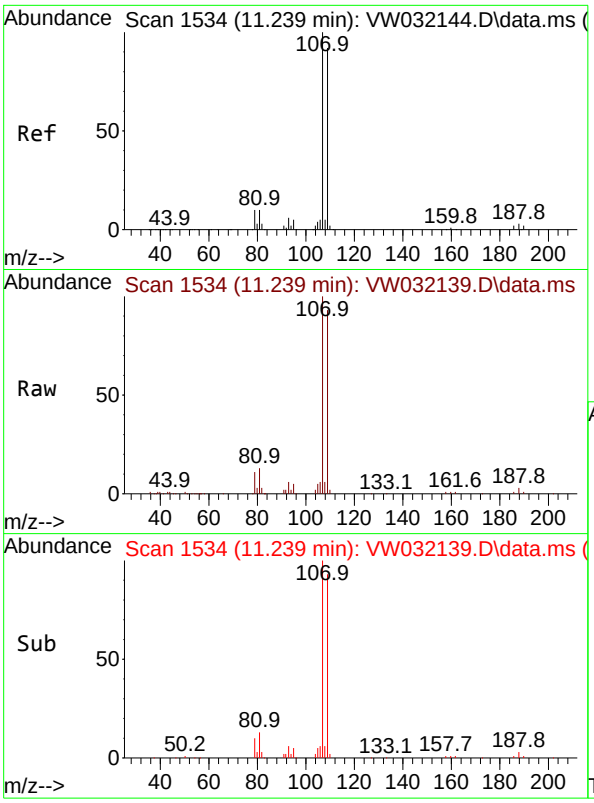


#60
Dibromochloromethane
Concen: 19.443 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:129 Resp: 52616

Ion	Ratio	Lower	Upper
129	100		
127	75.7	38.1	114.5

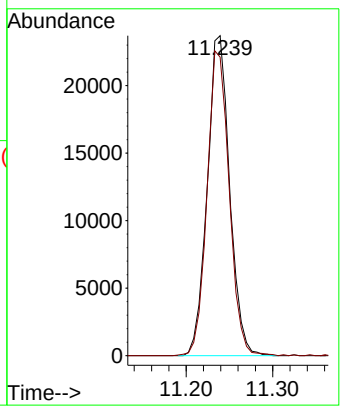




#61
1,2-Dibromoethane
Concen: 19.344 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:107 Resp: 4254

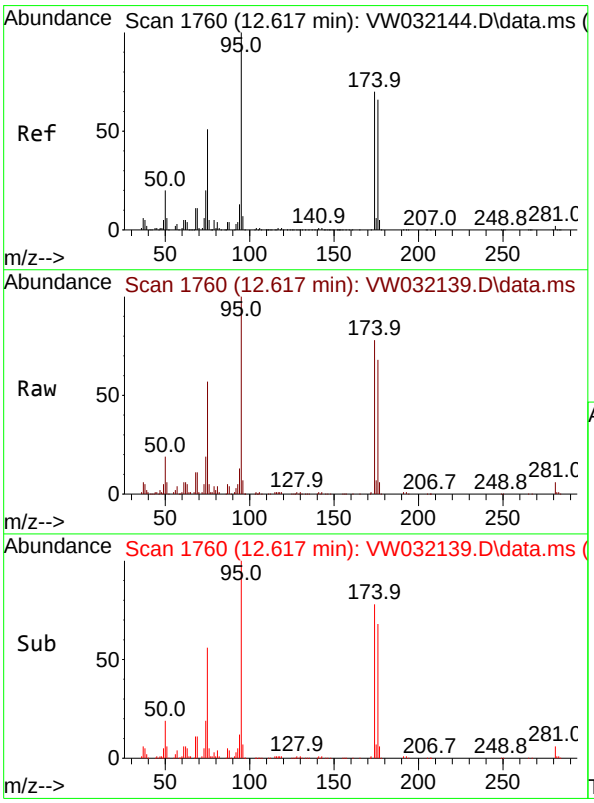
Ion	Ratio	Lower	Upper
107	100		
109	94.1	74.5	111.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

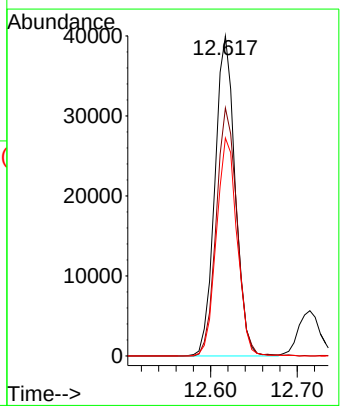
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

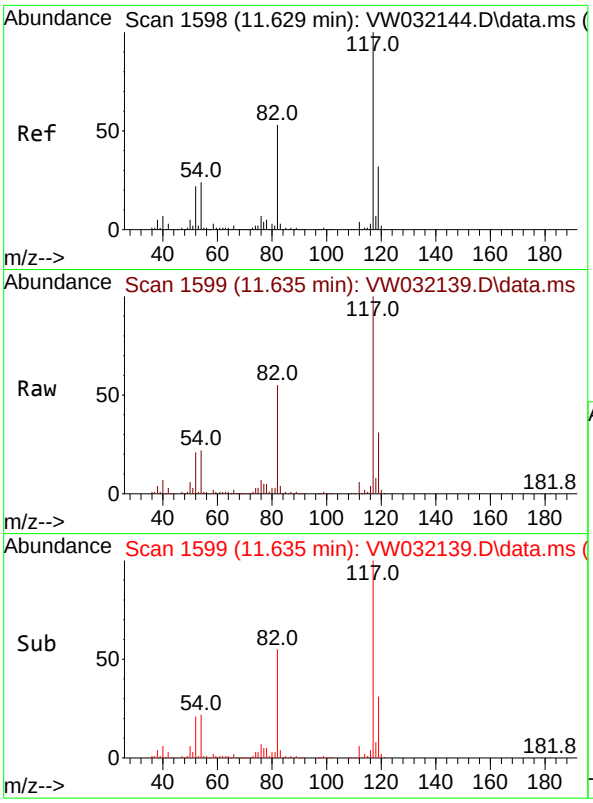


#62
4-Bromofluorobenzene
Concen: 19.778 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 95 Resp: 65158

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	145.6
176	69.2	0.0	140.8

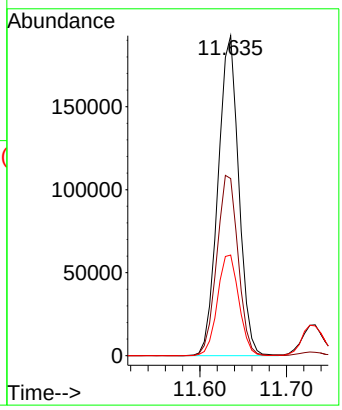




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:117 Resp: 32004

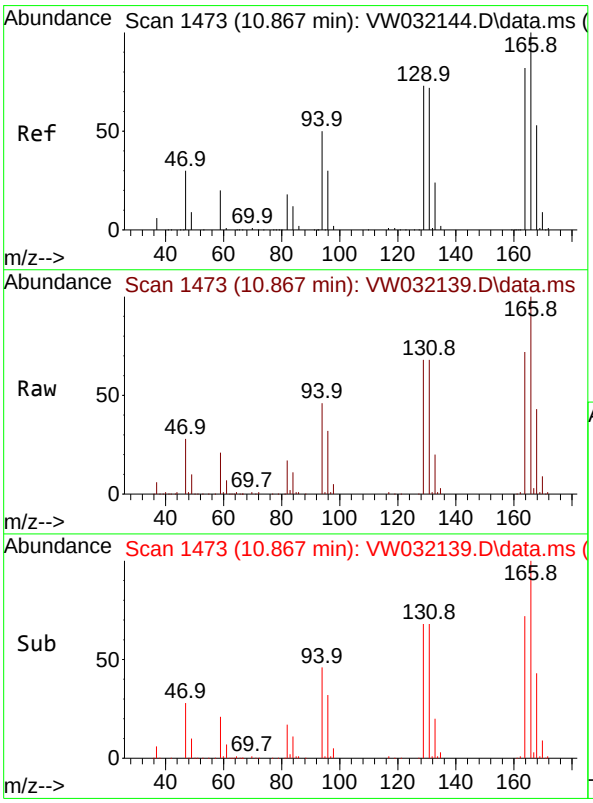
Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.7	64.1
119	31.4	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

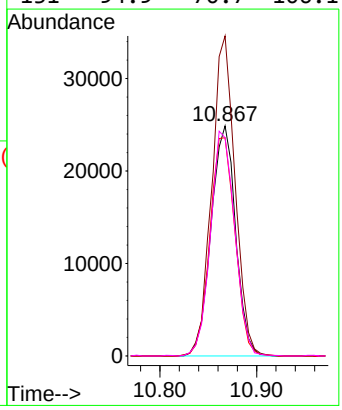
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

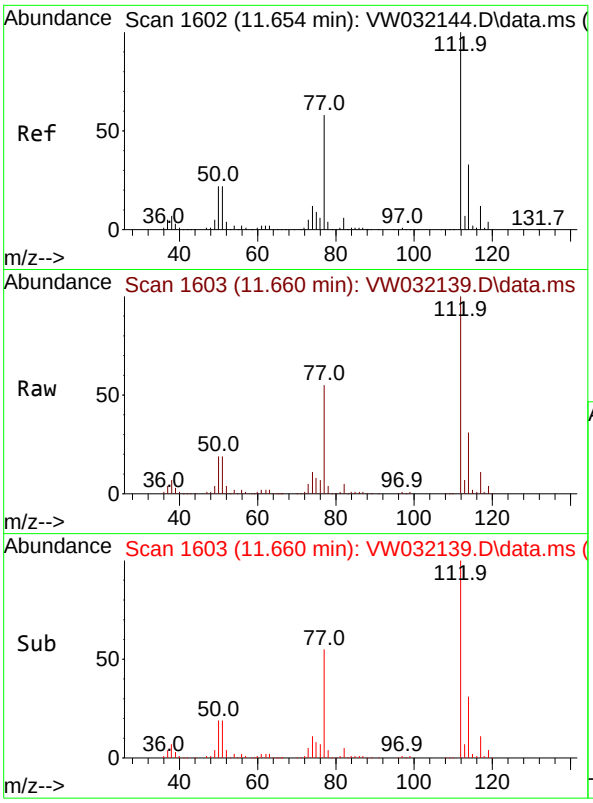


#64
Tetrachloroethene
Concen: 20.766 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:164 Resp: 43742

Ion	Ratio	Lower	Upper
164	100		
166	139.1	97.5	146.3
129	94.9	71.2	106.8
131	94.9	70.7	106.1

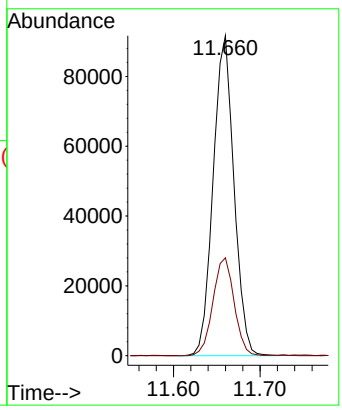




#65
Chlorobenzene
Concen: 20.988 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:112 Resp: 15288

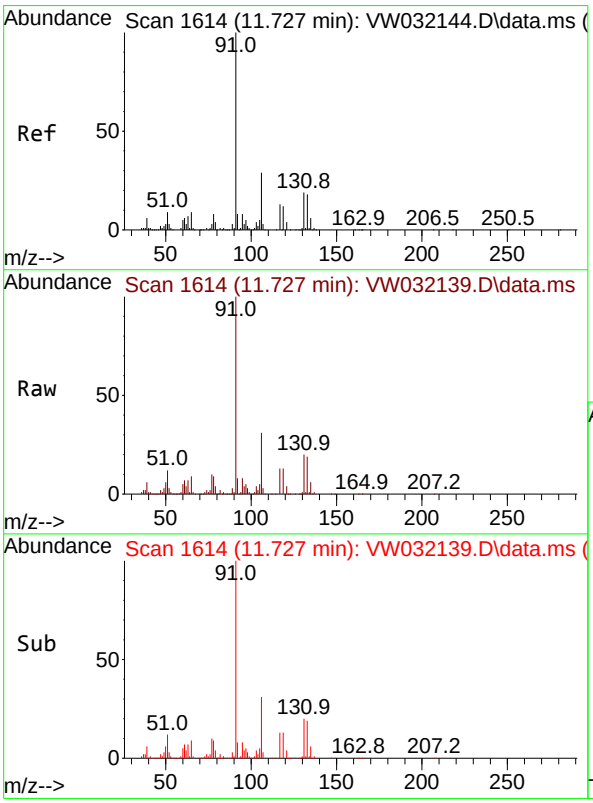
Ion	Ratio	Lower	Upper
112	100		
114	30.6	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

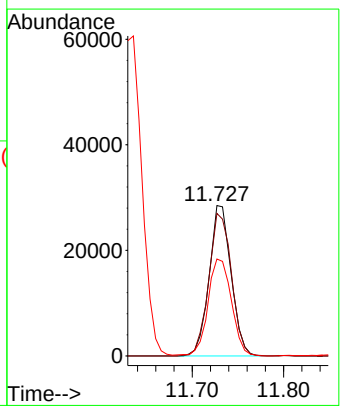
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

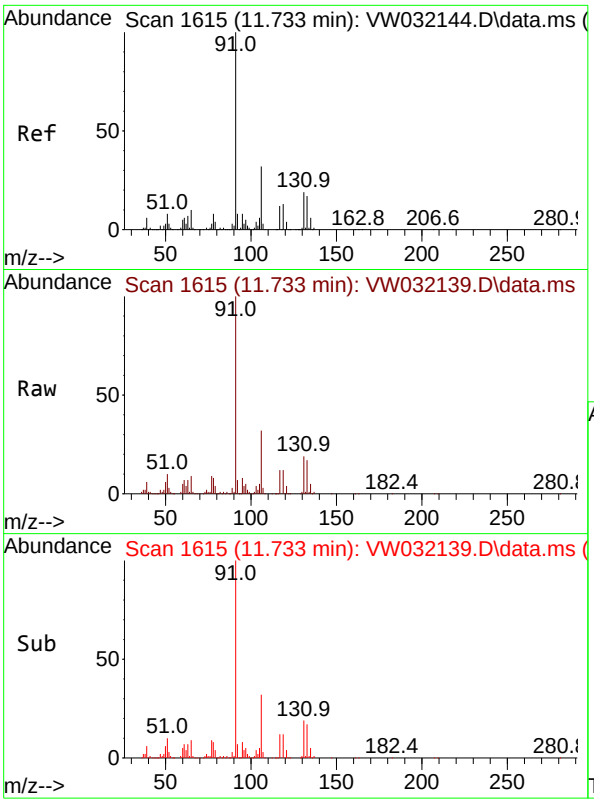


#66
1,1,1,2-Tetrachloroethane
Concen: 19.813 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:131 Resp: 47518

Ion	Ratio	Lower	Upper
131	100		
133	98.2	47.7	143.1
119	68.8	32.8	98.3





#67
Ethyl Benzene
Concen: 20.597 ug/l
RT: 11.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

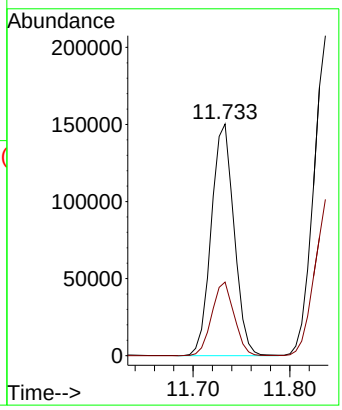
Tgt Ion: 91 Resp: 24582

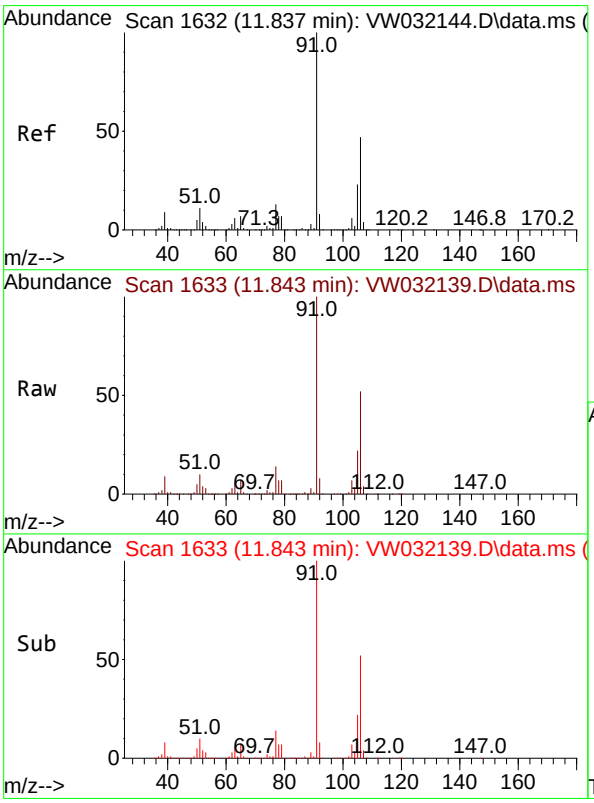
Ion	Ratio	Lower	Upper
91	100		
106	31.8	25.3	37.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

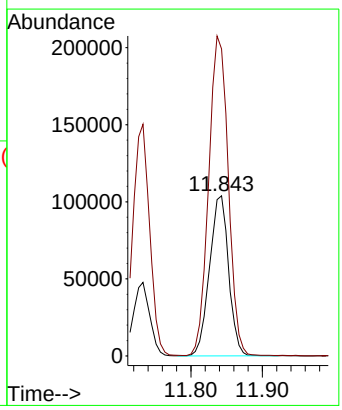


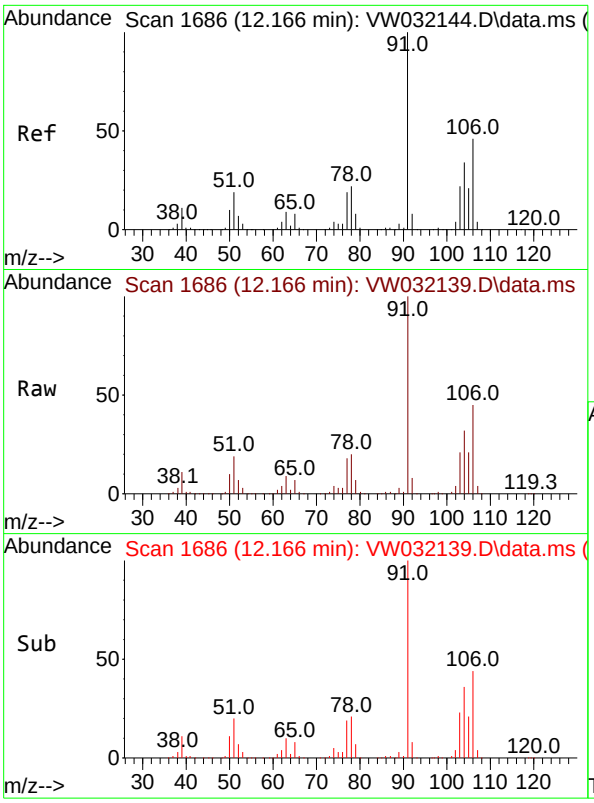


#68
m/p-Xylenes
Concen: 41.875 ug/l
RT: 11.843 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:106 Resp: 192351

Ion	Ratio	Lower	Upper
106	100		
91	205.4	164.2	246.2

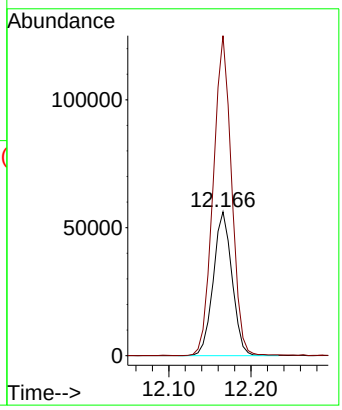




#69
o-Xylene
Concen: 20.465 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:106 Resp: 8892

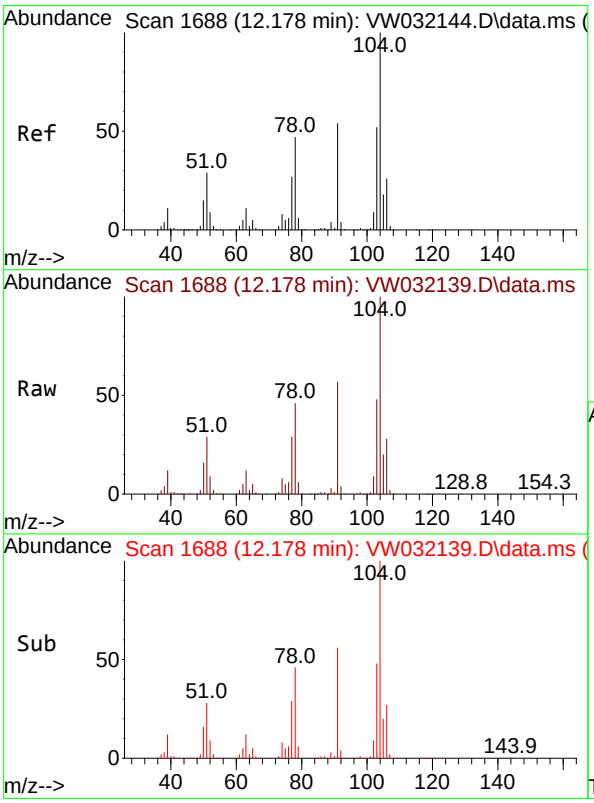
Ion	Ratio	Lower	Upper
106	100		
91	218.2	108.7	326.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

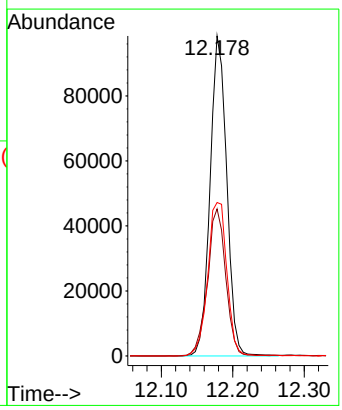
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

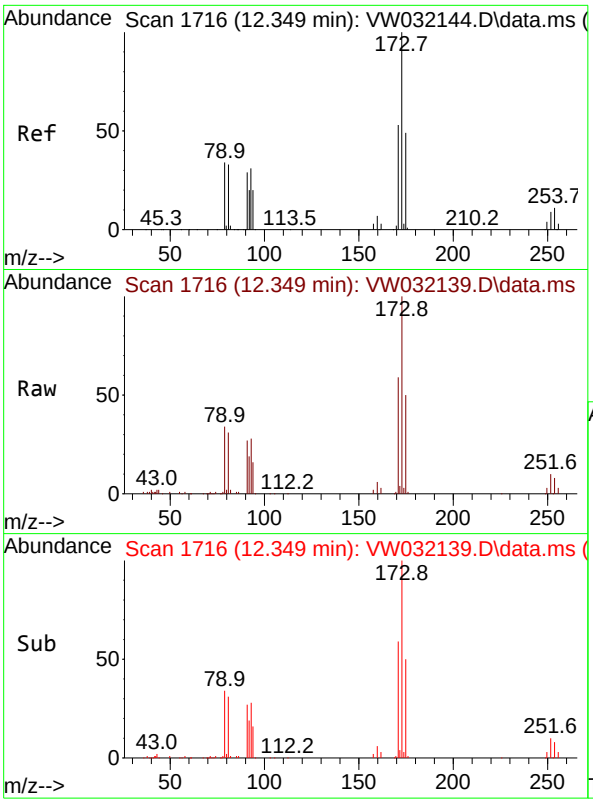


#70
Styrene
Concen: 20.828 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:104 Resp: 159523

Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.6	62.4
103	55.1	44.8	67.2

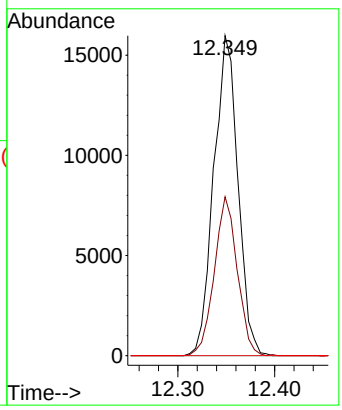




#71
Bromoform
Concen: 19.407 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:173 Resp: 2764

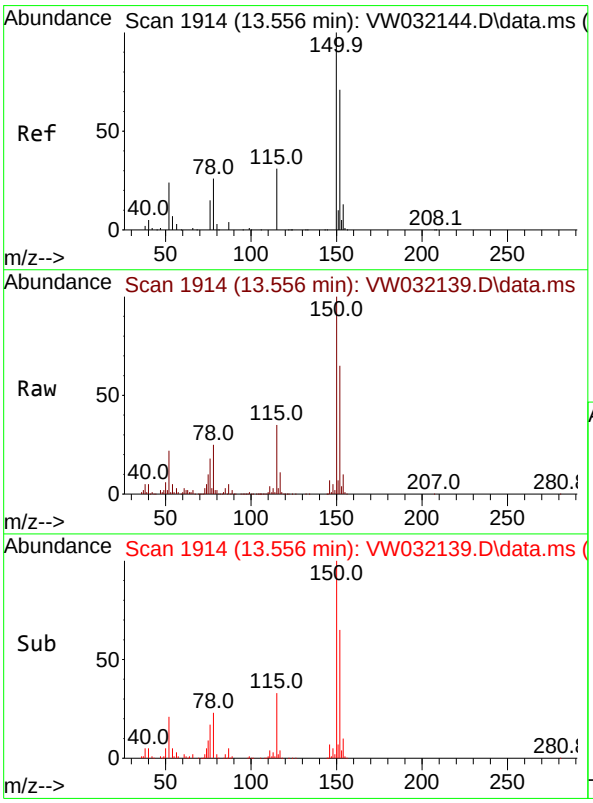
Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.9	74.7
254	0.0	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

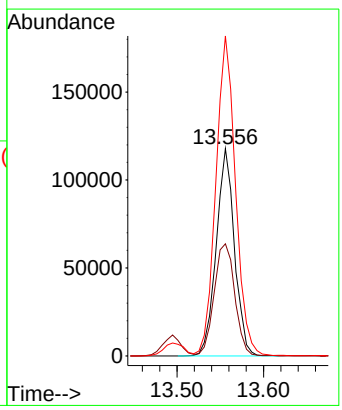
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

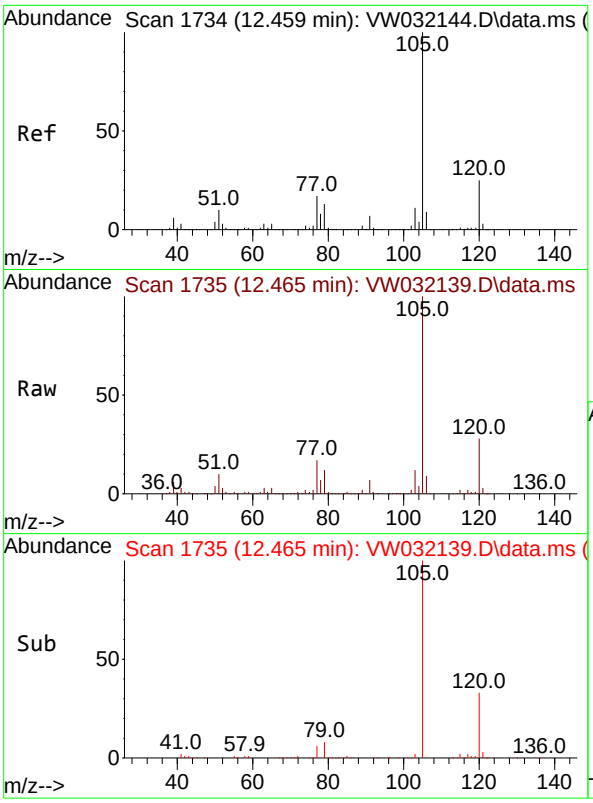


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:152 Resp: 172516

Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.8	95.4
150	166.2	0.0	343.0

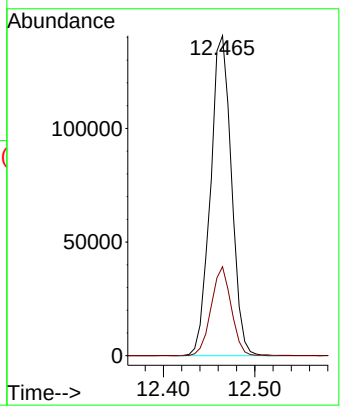




#73
Isopropylbenzene
Concen: 19.185 ug/l
RT: 12.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:105 Resp: 22485

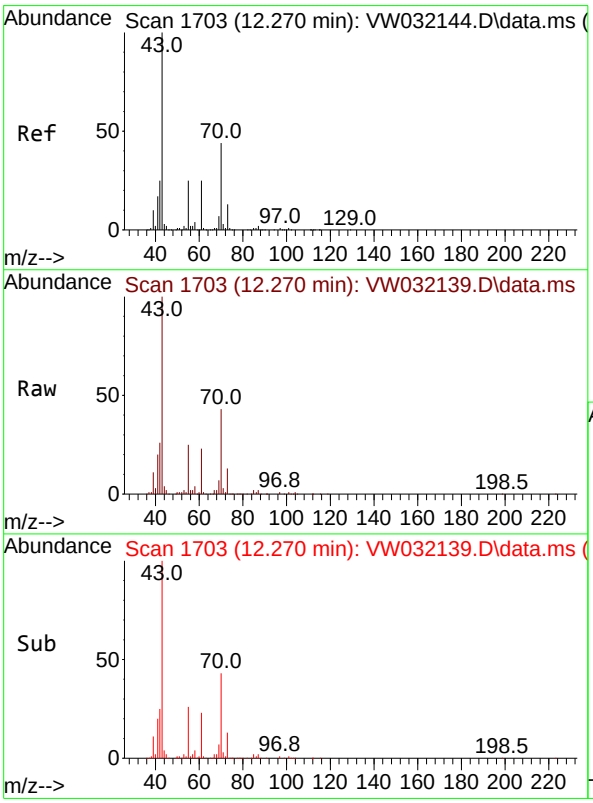
Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.0	38.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

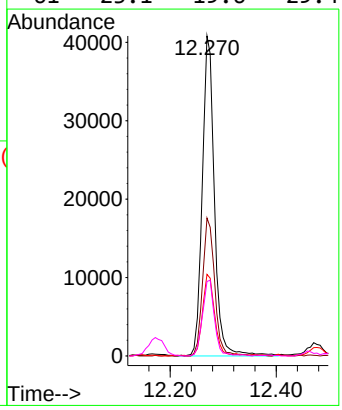
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

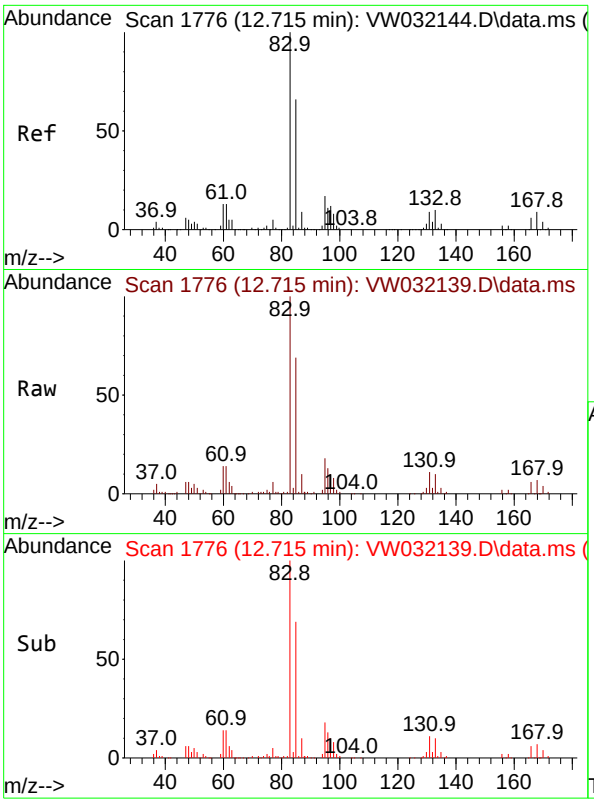


#74
N-amyl acetate
Concen: 19.102 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 43 Resp: 64999

Ion	Ratio	Lower	Upper
43	100		
70	42.8	35.3	52.9
55	25.1	19.9	29.9
61	23.1	19.6	29.4

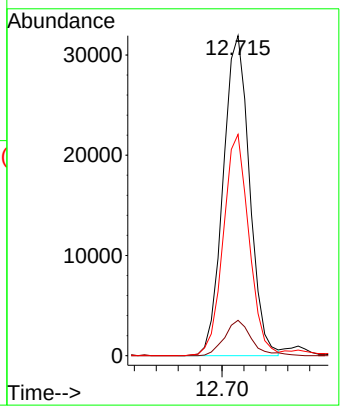




#75
1,1,2,2-Tetrachloroethane
Concen: 19.167 ug/l
RT: 12.715 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 83 Resp: 5338

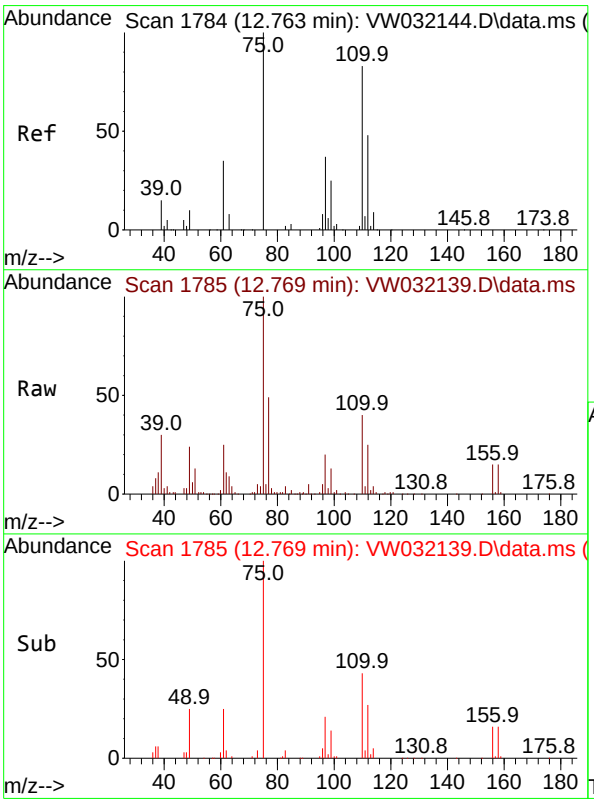
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.1	15.4
85	68.0	32.2	96.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

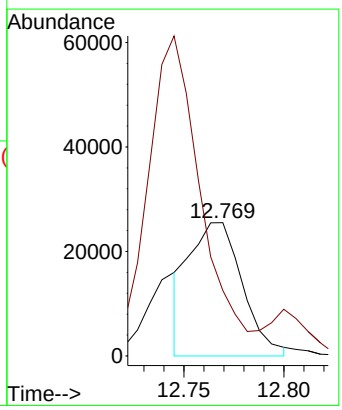
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

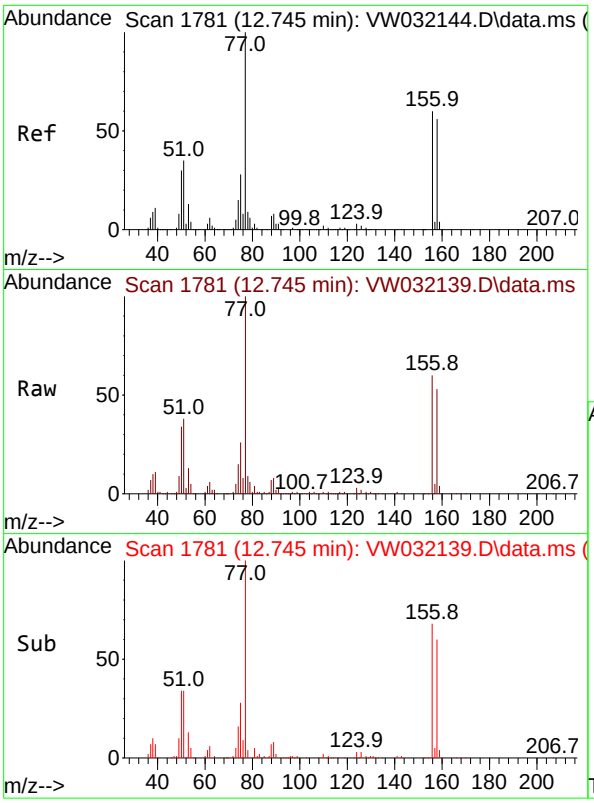


#76
1,2,3-Trichloropropane
Concen: 21.166 ug/l m
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 75 Resp: 47279

Ion	Ratio	Lower	Upper
75	100		
77	0.0	141.7	425.1#

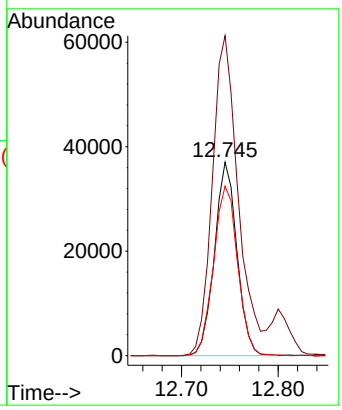




#77
Bromobenzene
Concen: 19.938 ug/l
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:156 Resp: 5959

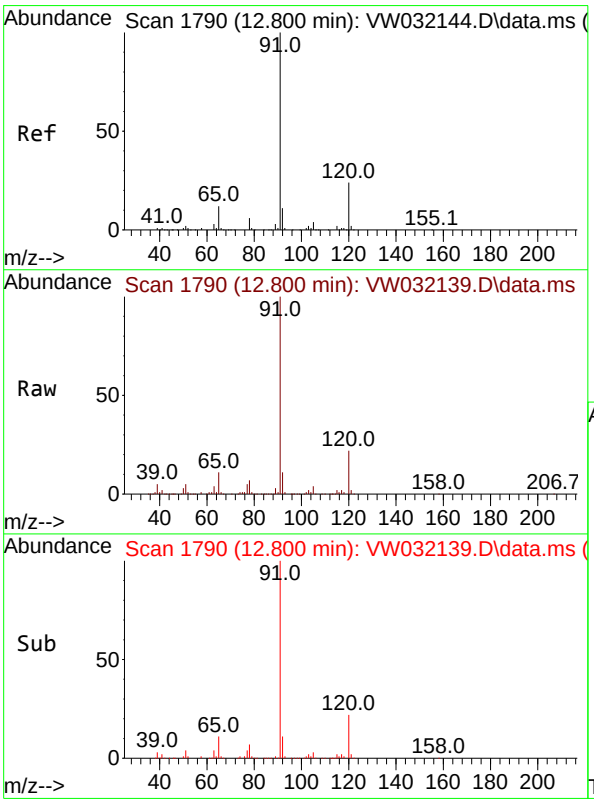
Ion	Ratio	Lower	Upper
156	100		
77	189.5	98.6	295.7
158	94.1	48.4	145.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

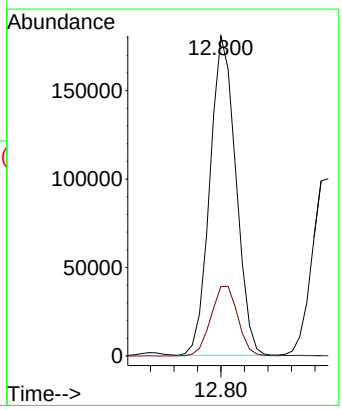
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

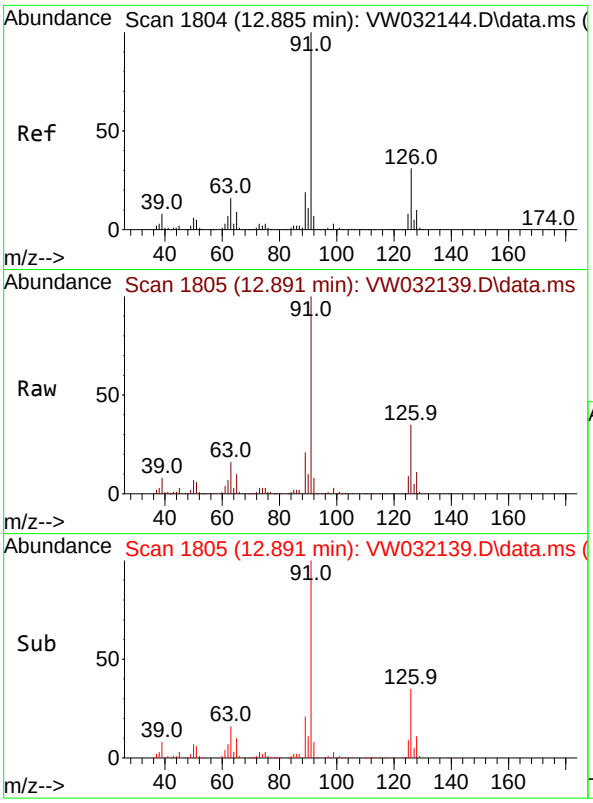


#78
n-propylbenzene
Concen: 19.477 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 91 Resp: 277146

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.8	35.4

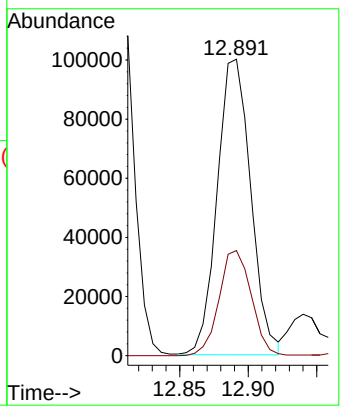




#79
2-Chlorotoluene
Concen: 19.579 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 91 Resp: 17035

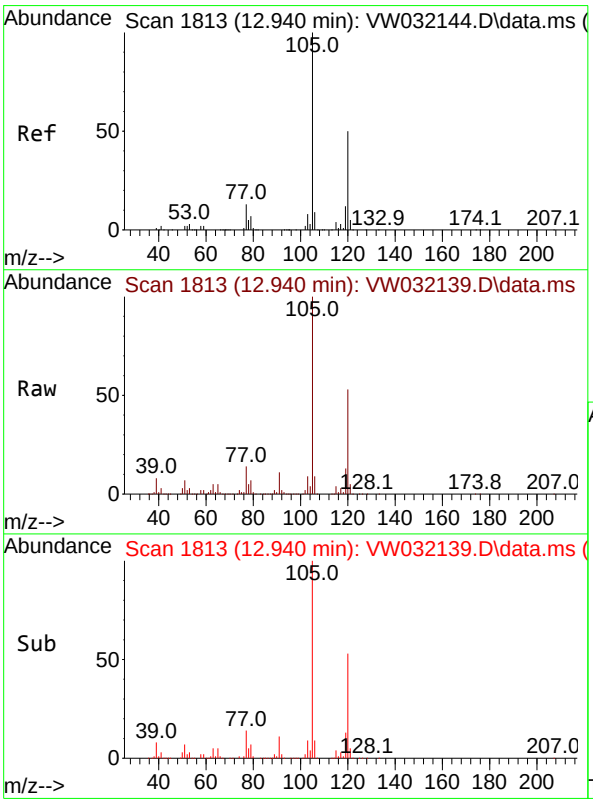
Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.6	49.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

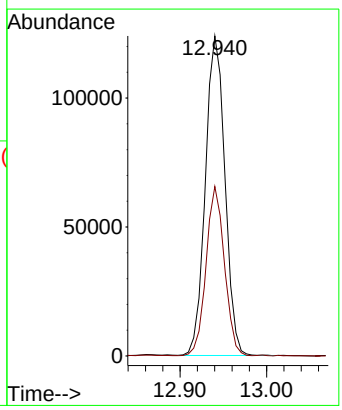
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

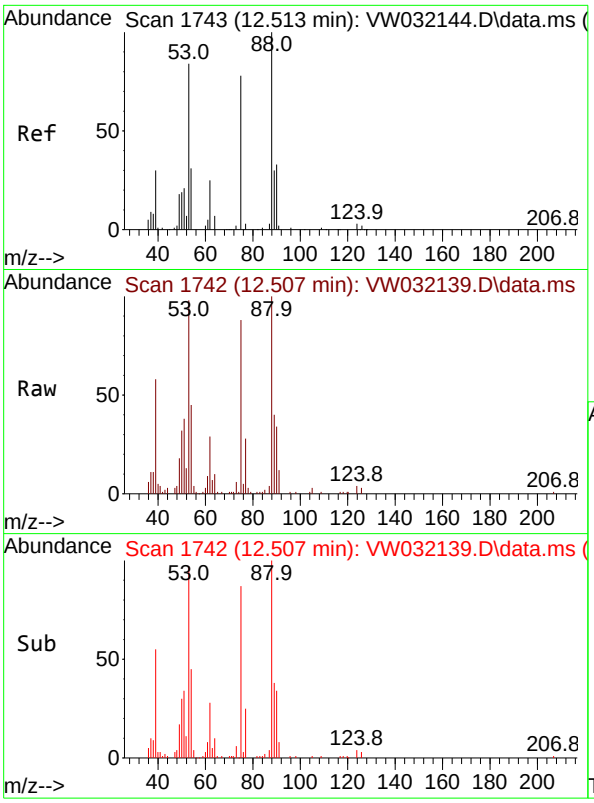


#80
1,3,5-Trimethylbenzene
Concen: 19.573 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:105 Resp: 194222

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.8	74.4

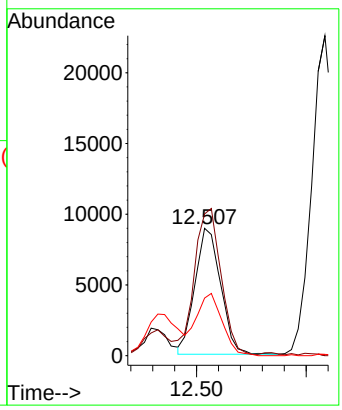




#81
trans-1,4-Dichloro-2-butene
Concen: 18.035 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 75 Resp: 1447

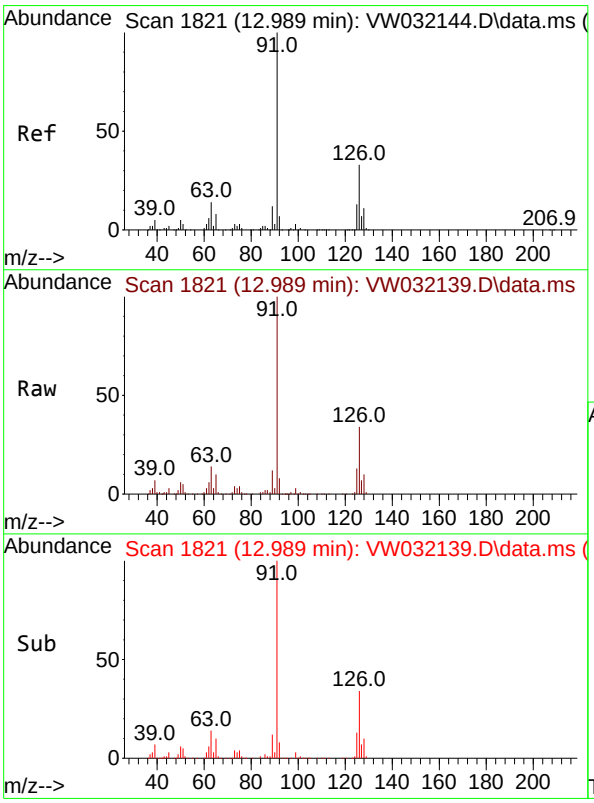
Ion	Ratio	Lower	Upper
75	100		
53	121.9	91.0	136.6
89	50.3	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

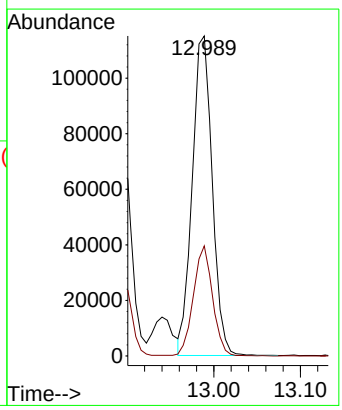
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

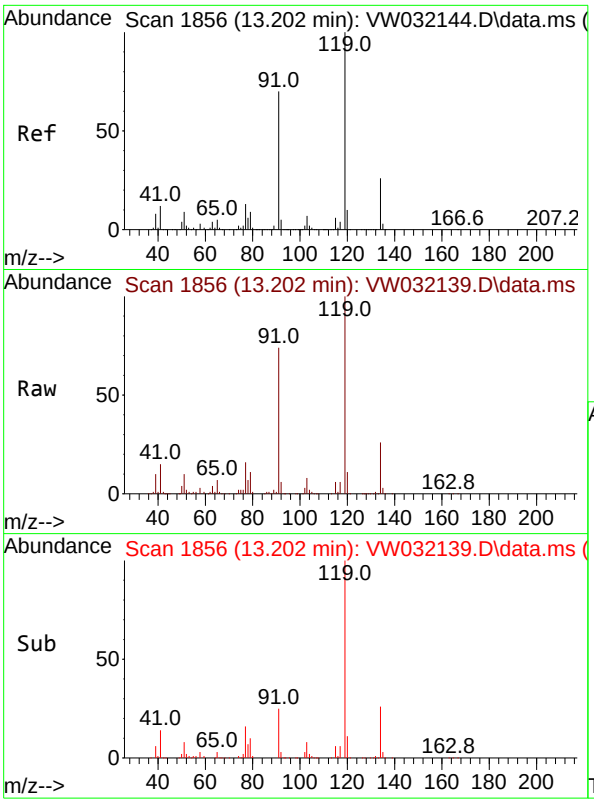


#82
4-Chlorotoluene
Concen: 19.781 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 91 Resp: 184235

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.1	48.2

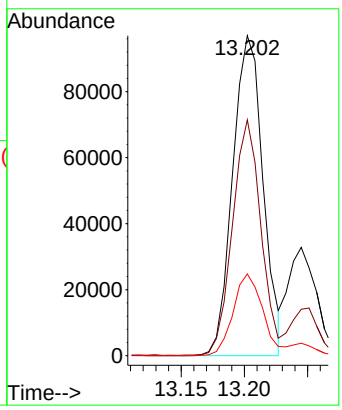




#83
tert-Butylbenzene
Concen: 19.239 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:119 Resp: 16186

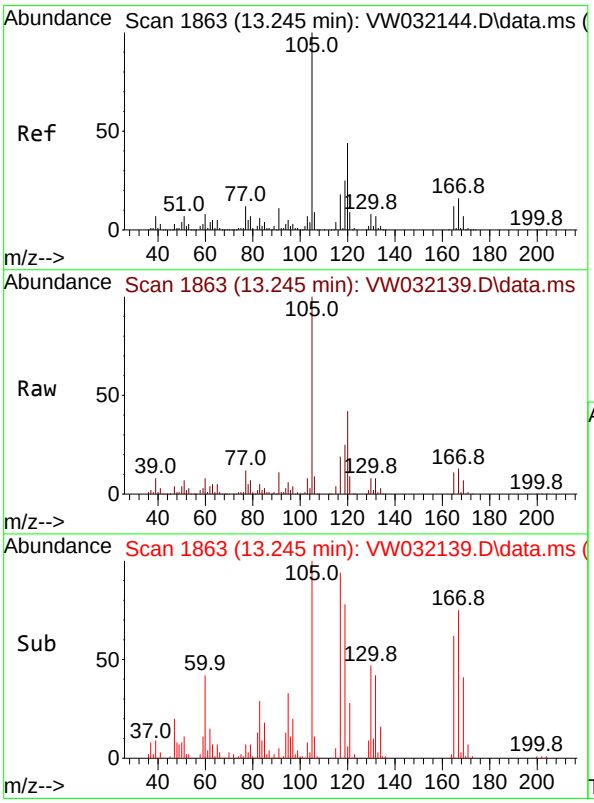
Ion	Ratio	Lower	Upper
119	100		
91	68.7	33.8	101.3
134	25.1	12.5	37.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

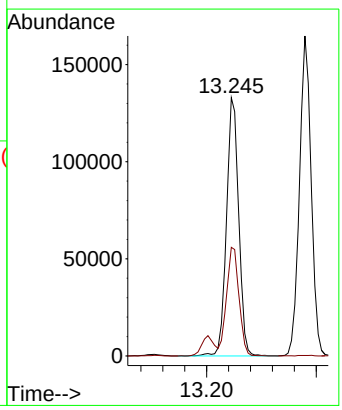
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

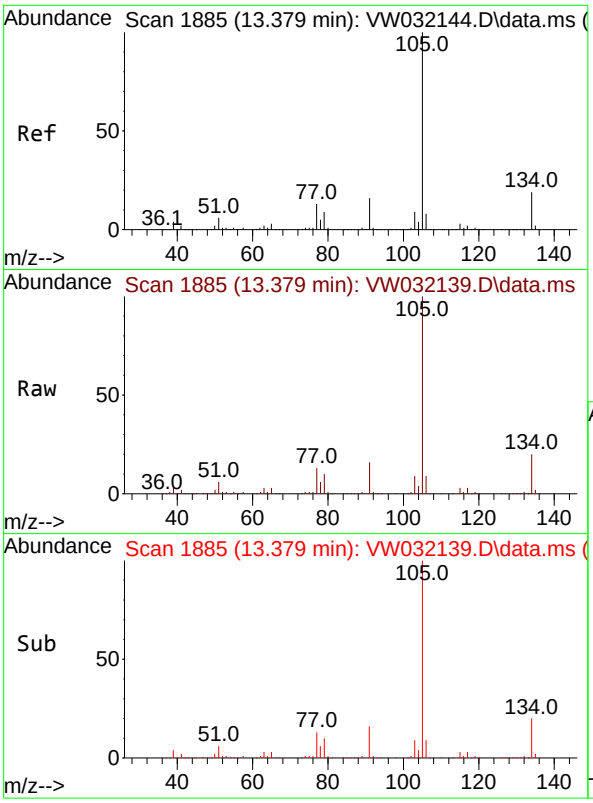


#84
1,2,4-Trimethylbenzene
Concen: 20.090 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:105 Resp: 206247

Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.1	66.3

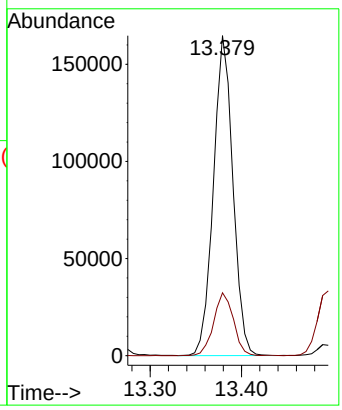




#85
sec-Butylbenzene
Concen: 19.414 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:105 Resp: 24387

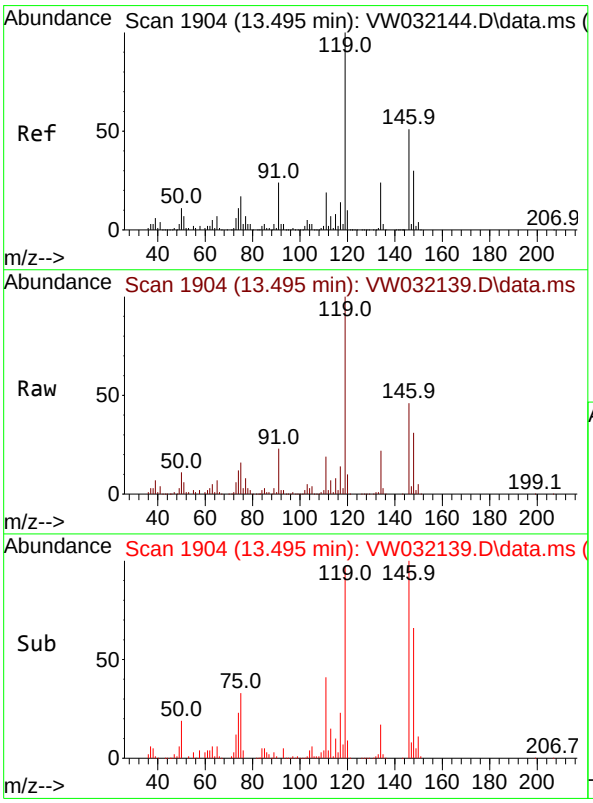
Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

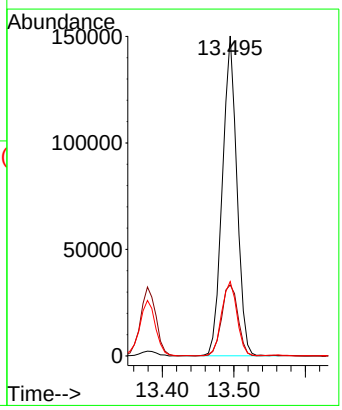
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

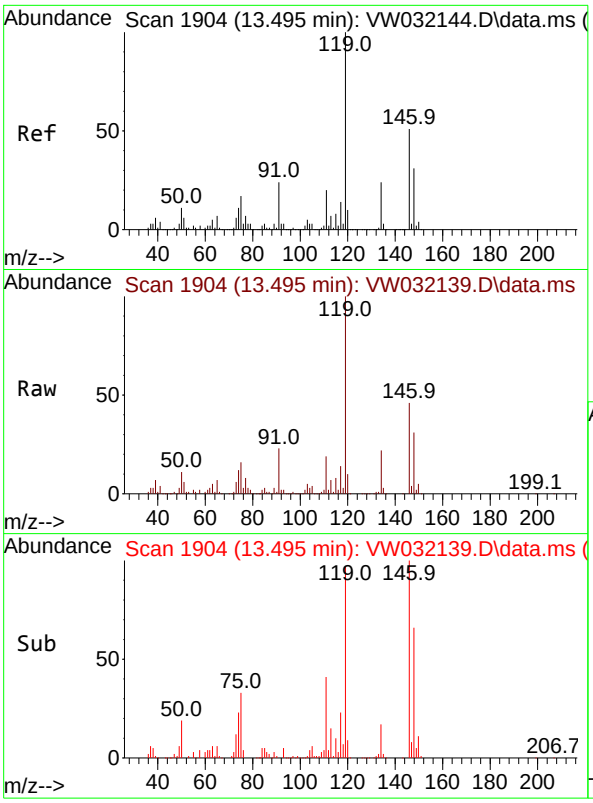


#86
p-Isopropyltoluene
Concen: 19.797 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:119 Resp: 211483

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.6
91	24.6	12.4	37.0

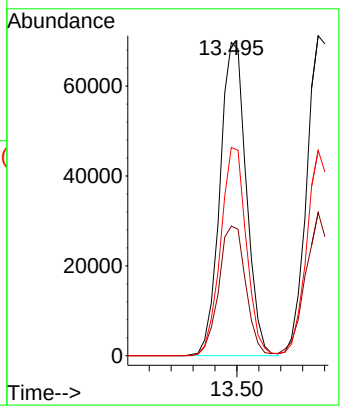




#87
1,3-Dichlorobenzene
Concen: 19.271 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:146 Resp: 11597

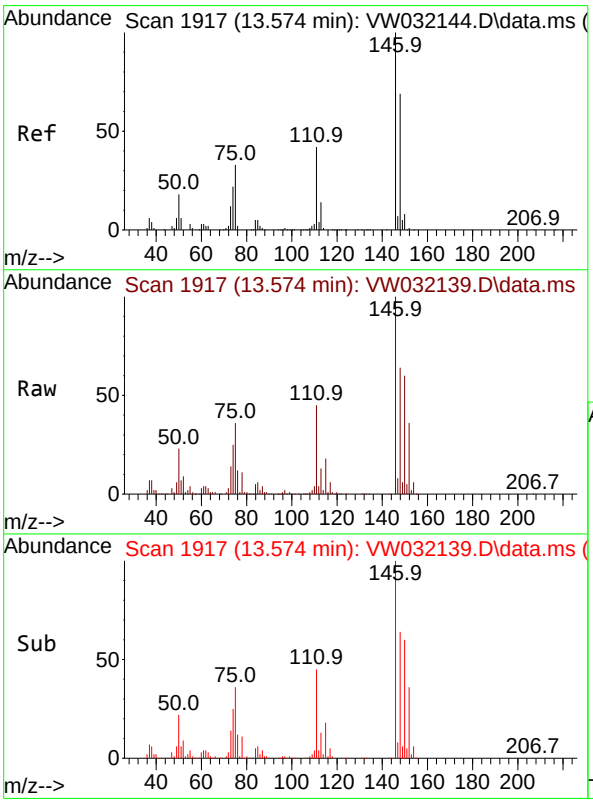
Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.6	61.9
148	65.3	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

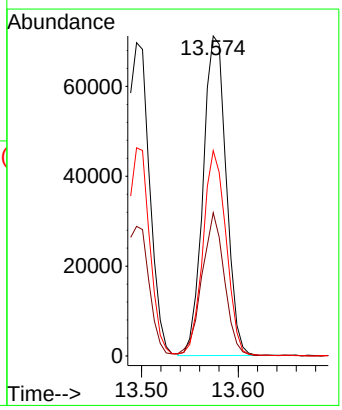
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

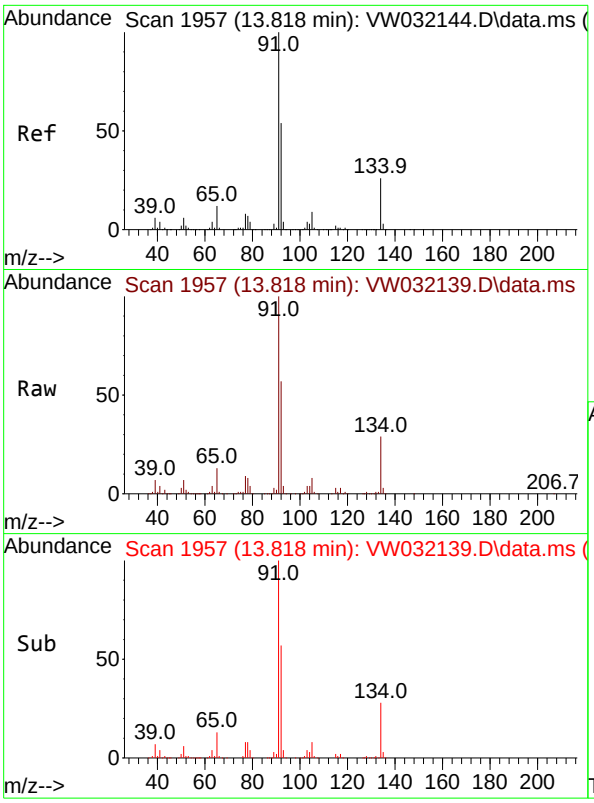


#88
1,4-Dichlorobenzene
Concen: 19.605 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:146 Resp: 118257

Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	63.7
148	64.0	33.4	100.1

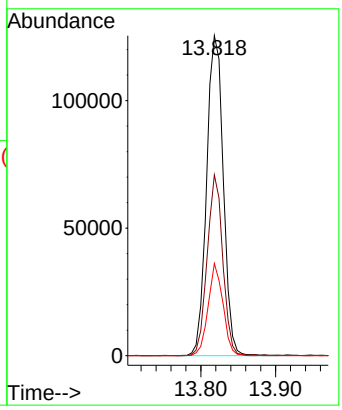




#89
n-Butylbenzene
Concen: 19.099 ug/l
RT: 13.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 91 Resp: 19452

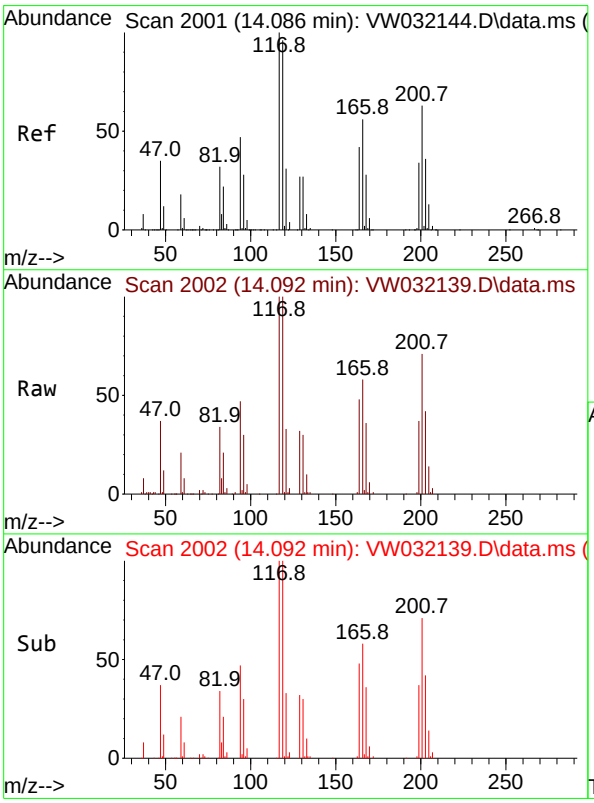
Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.0	81.0
134	25.6	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

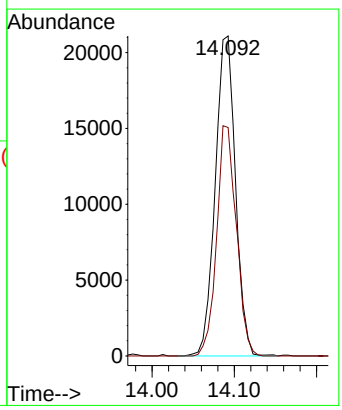
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

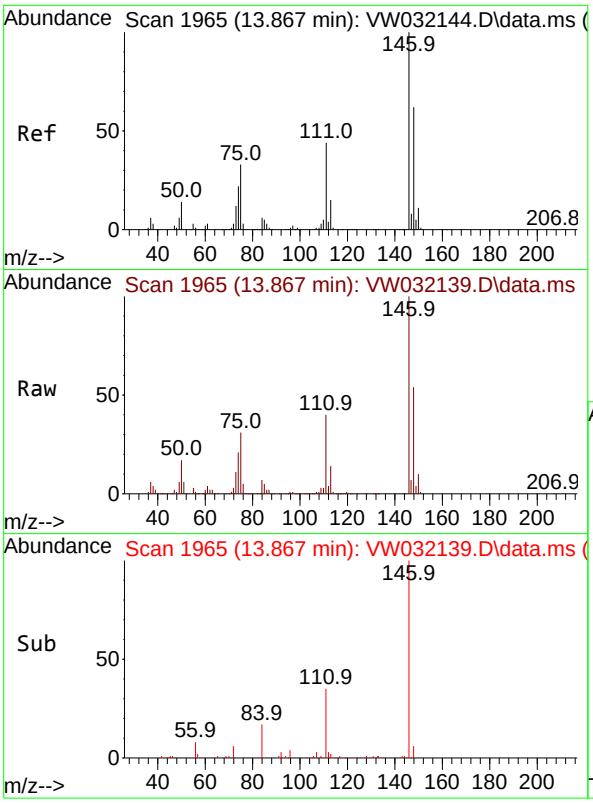


#90
Hexachloroethane
Concen: 18.506 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:117 Resp: 36162

Ion	Ratio	Lower	Upper
117	100		
201	69.8	32.8	98.4

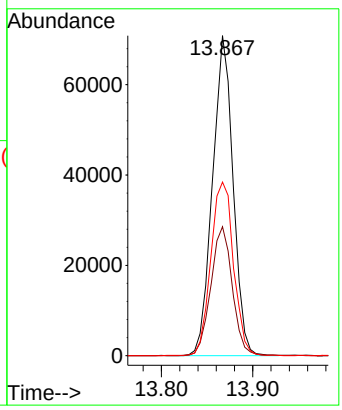




#91
1,2-Dichlorobenzene
Concen: 20.761 ug/l
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:146 Resp: 11061

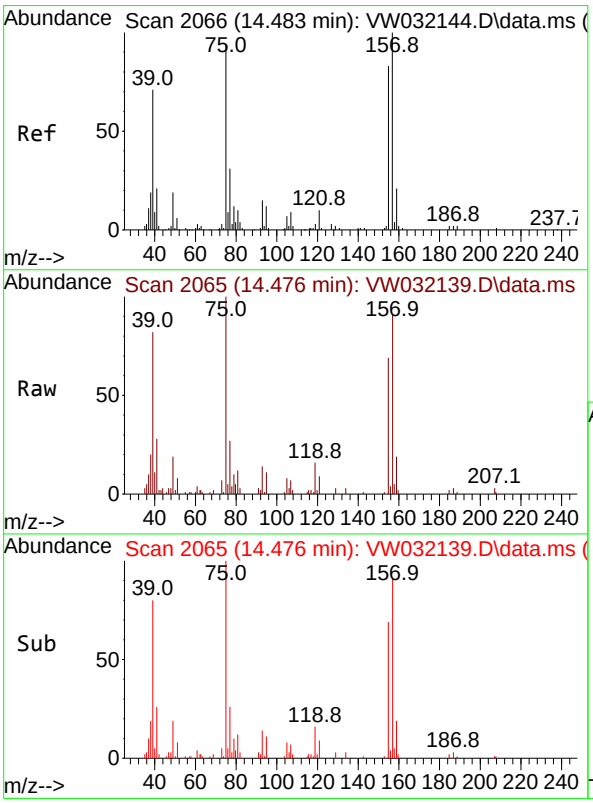
Ion	Ratio	Lower	Upper
146	100		
111	42.1	23.4	70.0
148	60.1	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

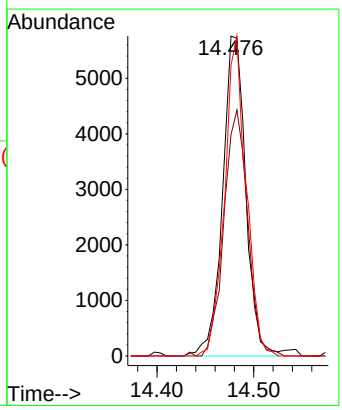
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

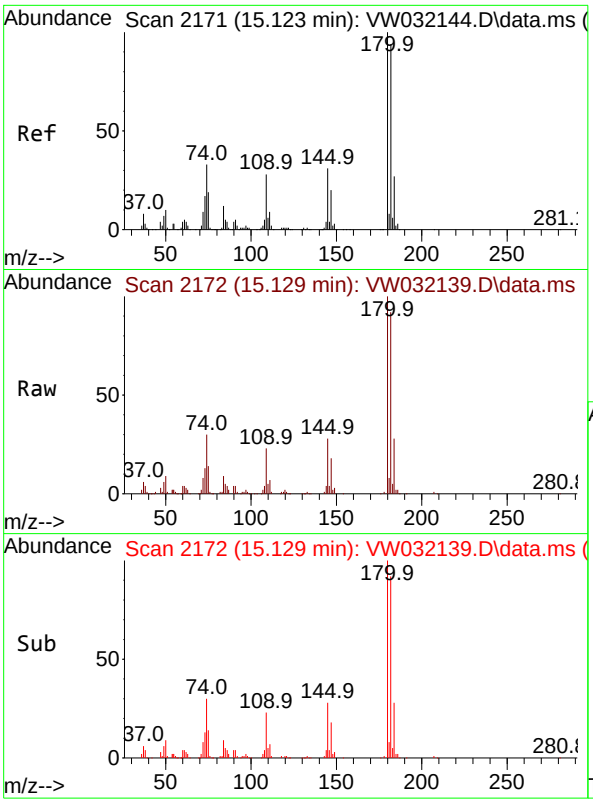


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.449 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion: 75 Resp: 9570

Ion	Ratio	Lower	Upper
75	100		
155	78.9	40.8	122.5
157	92.6	51.8	155.4

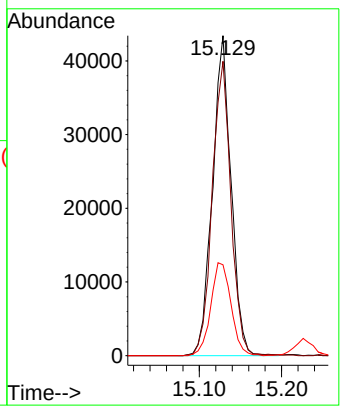




#93
1,2,4-Trichlorobenzene
Concen: 20.091 ug/l
RT: 15.129 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:180 Resp: 6839

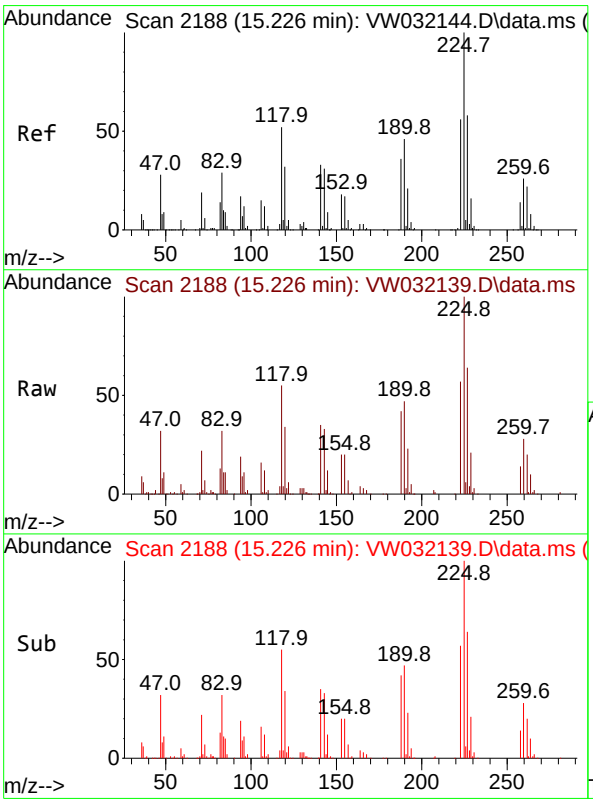
Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.4	142.2
145	31.6	16.4	49.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

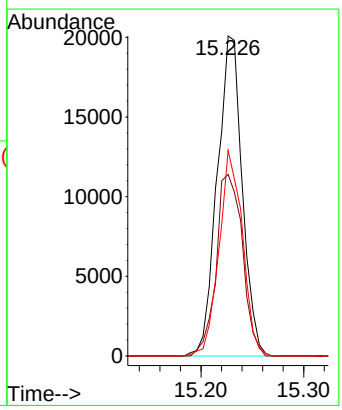
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

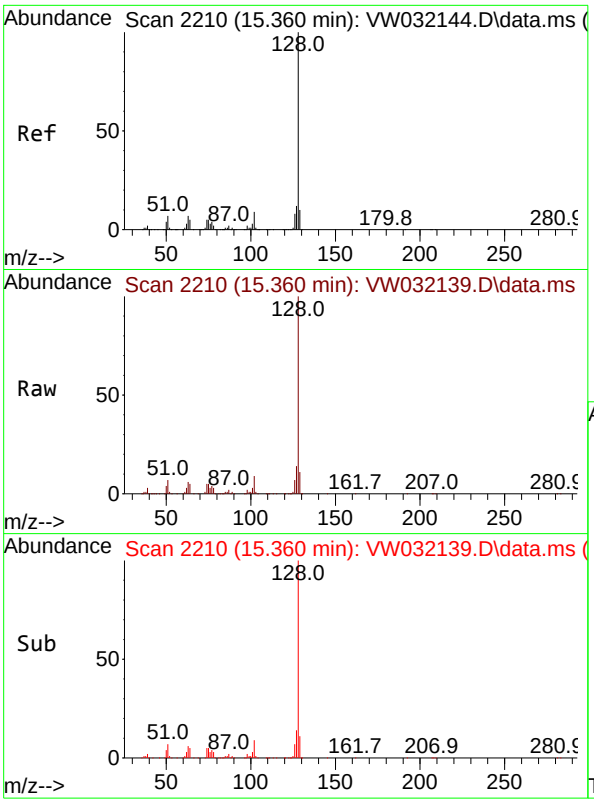


#94
Hexachlorobutadiene
Concen: 20.108 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:225 Resp: 33947

Ion	Ratio	Lower	Upper
225	100		
223	59.3	29.8	89.3
227	60.2	30.5	91.5

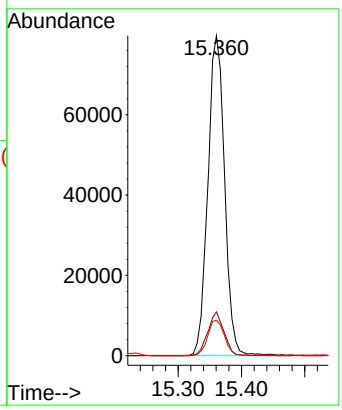




#95
Naphthalene
Concen: 19.055 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:128 Resp: 14680

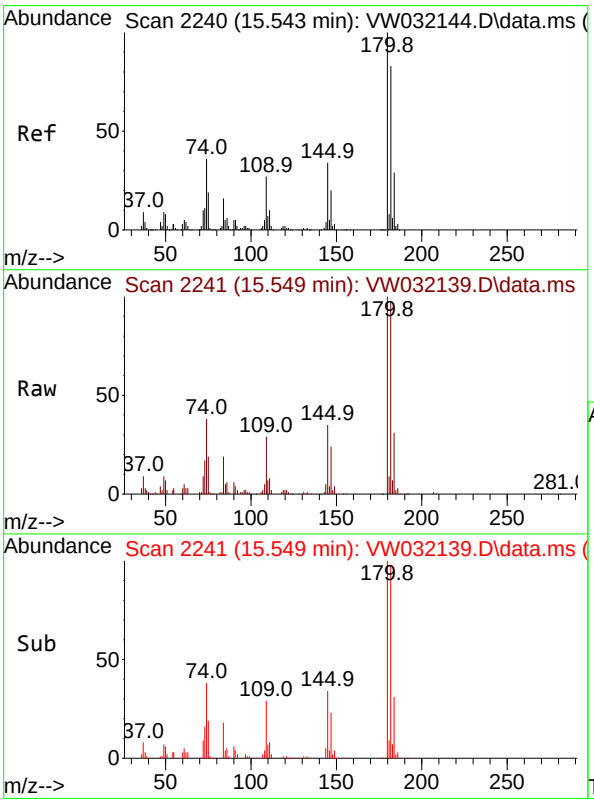
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.2	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

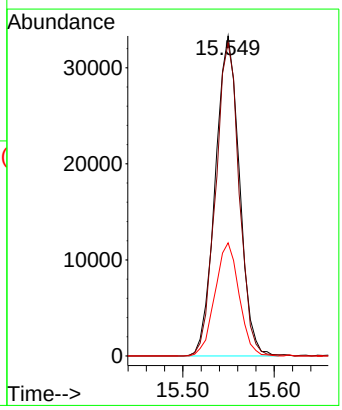
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.313 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032139.D
Acq: 26 Aug 2025 10:45

Tgt Ion:180 Resp: 61140

Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.7	143.1
145	35.3	17.2	51.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	214311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	368598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	341675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	172801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	295629	96.455	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 192.920%#			
35) Dibromofluoromethane	7.904	113	246791	95.431	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 190.860%#			
50) Toluene-d8	10.325	98	878263	96.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 193.480%#			
62) 4-Bromofluorobenzene	12.617	95	329277	98.087	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 196.180%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	130979	92.569	ug/l	98
3) Chloromethane	2.259	50	137307	92.554	ug/l	98
4) Vinyl Chloride	2.405	62	177256	91.991	ug/l	99
5) Bromomethane	2.820	94	158181	91.928	ug/l	99
6) Chloroethane	2.966	64	127686	94.095	ug/l	99
7) Trichlorofluoromethane	3.301	101	193157	101.172	ug/l	97
8) Diethyl Ether	3.722	74	134040	94.079	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	199429	92.726	ug/l	99
10) Methyl Iodide	4.301	142	314350	95.989	ug/l	99
11) Tert butyl alcohol	5.228	59	96529	514.893	ug/l	98
12) 1,1-Dichloroethene	4.082	96	213483	94.253	ug/l	92
13) Acrolein	3.929	56	139429	483.829	ug/l	98
14) Allyl chloride	4.704	41	317666	98.737	ug/l	99
15) Acrylonitrile	5.405	53	361906	522.461	ug/l	98
16) Acetone	4.161	43	306726	462.093	ug/l	96
17) Carbon Disulfide	4.417	76	548211	96.771	ug/l	99
18) Methyl Acetate	4.710	43	218721	103.419	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	430581	100.671	ug/l	99
20) Methylene Chloride	4.954	84	249401	99.223	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	247042	97.635	ug/l	90
22) Diisopropyl ether	6.344	45	703459	100.461	ug/l	95
23) Vinyl Acetate	6.283	43	2523955	530.152	ug/l	98
24) 1,1-Dichloroethane	6.246	63	439569	95.888	ug/l	100
25) 2-Butanone	7.197	43	497969	529.422	ug/l	98
26) 2,2-Dichloropropane	7.185	77	241129	99.327	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	302098	98.117	ug/l	100
28) Bromochloromethane	7.532	49	203663	97.052	ug/l	99
29) Tetrahydrofuran	7.551	42	318589	533.016	ug/l	99
30) Chloroform	7.697	83	503040	96.112	ug/l	98
31) Cyclohexane	7.971	56	341064	90.646	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	362994	95.007	ug/l	98
36) 1,1-Dichloropropene	8.099	75	326557	97.392	ug/l	99
37) Ethyl Acetate	7.276	43	209389	104.099	ug/l	100
38) Carbon Tetrachloride	8.081	117	351706	97.846	ug/l	97
39) Methylcyclohexane	9.343	83	405102	102.003	ug/l	96
40) Benzene	8.337	78	1004428	96.909	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	115019	102.923	ug/l		99
42) 1,2-Dichloroethane	8.410	62	347098	96.602	ug/l		100
43) Isopropyl Acetate	8.435	43	396615	105.105	ug/l		100
44) Trichloroethene	9.105	130	253041	97.081	ug/l		94
45) 1,2-Dichloropropane	9.380	63	237748	95.155	ug/l		98
46) Dibromomethane	9.465	93	170875	97.506	ug/l		98
47) Bromodichloromethane	9.654	83	391443	98.293	ug/l		97
48) Methyl methacrylate	9.441	41	189315	108.864	ug/l		96
49) 1,4-Dioxane	9.465	88	44927	2121.836	ug/l		99
51) 4-Methyl-2-Pentanone	10.215	43	1119796	525.549	ug/l		100
52) Toluene	10.392	92	665096	98.198	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	376829	107.262	ug/l		99
54) cis-1,3-Dichloropropene	10.081	75	411952	102.767	ug/l		100
55) 1,1,2-Trichloroethane	10.788	97	224549	98.537	ug/l		95
56) Ethyl methacrylate	10.648	69	315727	108.371	ug/l		99
57) 1,3-Dichloropropane	10.934	76	379137	99.362	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	835126	537.045	ug/l		99
59) 2-Hexanone	10.971	43	804518	542.911	ug/l		100
60) Dibromochloromethane	11.129	129	279965	101.529	ug/l		97
61) 1,2-Dibromoethane	11.239	107	222479	99.277	ug/l		98
64) Tetrachloroethene	10.861	164	219868	97.772	ug/l		94
65) Chlorobenzene	11.660	112	756186	97.233	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.733	131	253198	98.889	ug/l		98
67) Ethyl Benzene	11.733	91	1284877	100.837	ug/l		99
68) m/p-Xylenes	11.836	106	997778	203.463	ug/l		98
69) o-Xylene	12.166	106	470060	101.336	ug/l		97
70) Styrene	12.178	104	835536	102.182	ug/l		98
71) Bromoform	12.355	173	156842	103.138	ug/l	#	98
73) Isopropylbenzene	12.464	105	1233680	105.088	ug/l		99
74) N-amyl acetate	12.269	43	366581	107.554	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	281272	100.818	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	208647m	93.254	ug/l		
77) Bromobenzene	12.745	156	285175	95.259	ug/l		92
78) n-propylbenzene	12.800	91	1464769	102.772	ug/l		98
79) 2-Chlorotoluene	12.891	91	882070	101.206	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	1025656	103.191	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	92959	115.615	ug/l		95
82) 4-Chlorotoluene	12.983	91	927084	99.374	ug/l		100
83) tert-Butylbenzene	13.202	119	857188	101.713	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	1045208	101.643	ug/l		98
85) sec-Butylbenzene	13.379	105	1260426	100.172	ug/l		100
86) p-Isopropyltoluene	13.495	119	1076959	100.646	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	590816	98.017	ug/l		98
88) 1,4-Dichlorobenzene	13.580	146	572395	94.738	ug/l		97
89) n-Butylbenzene	13.818	91	1058018	103.710	ug/l		99
90) Hexachloroethane	14.092	117	195499	99.884	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	530904	99.481	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.476	75	53172	107.882	ug/l		96
93) 1,2,4-Trichlorobenzene	15.129	180	332667	97.566	ug/l		95
94) Hexachlorobutadiene	15.232	225	155367	91.877	ug/l		92
95) Naphthalene	15.360	128	865221	112.125	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	324145	102.222	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

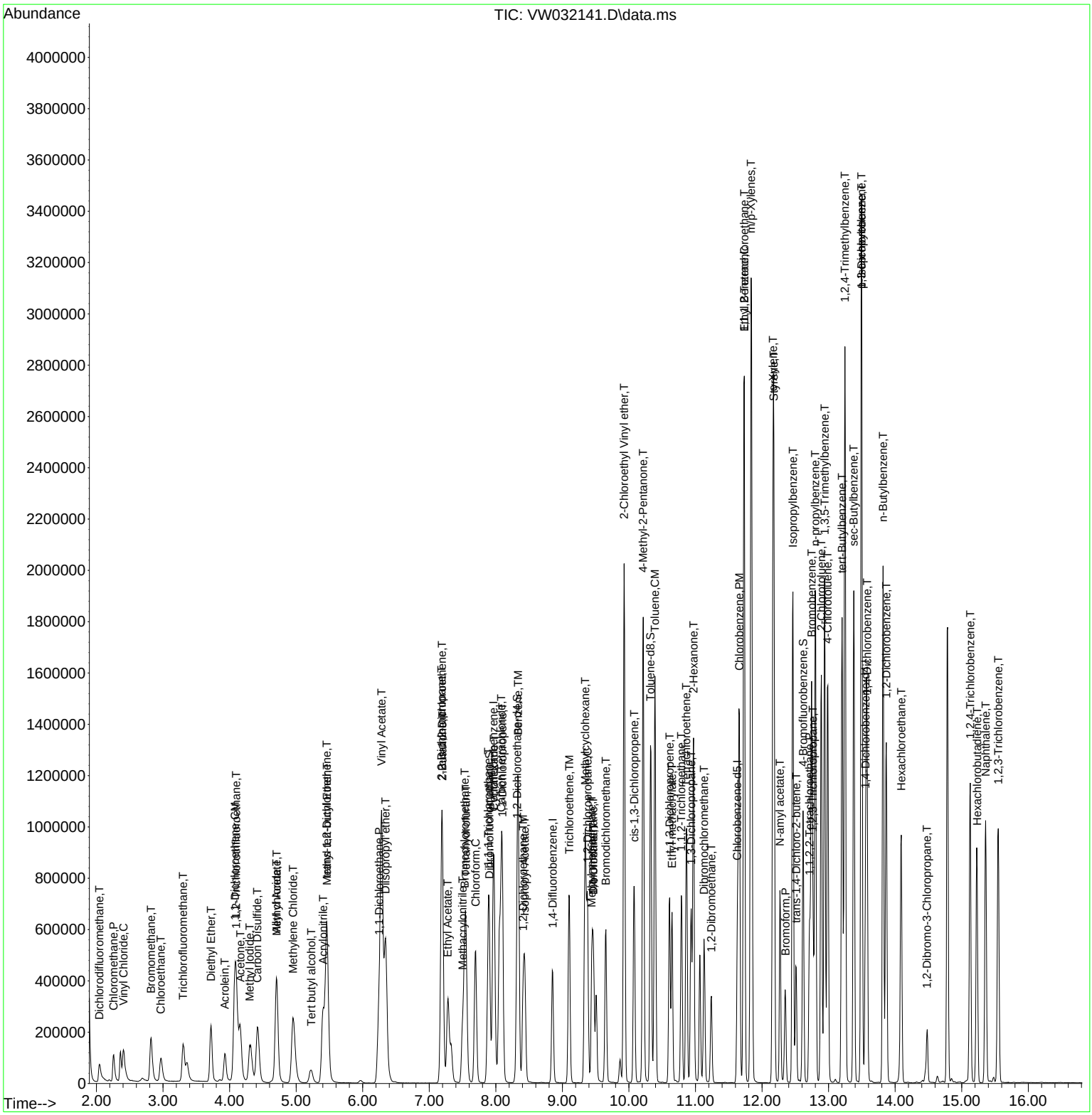
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032141.D
Acq On : 26 Aug 2025 11:29
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

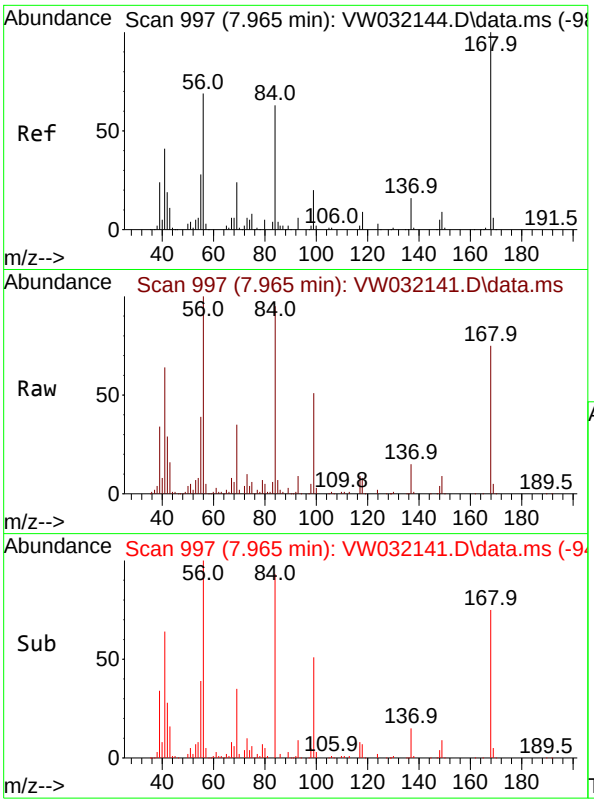
Quant Time: Aug 27 03:50:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

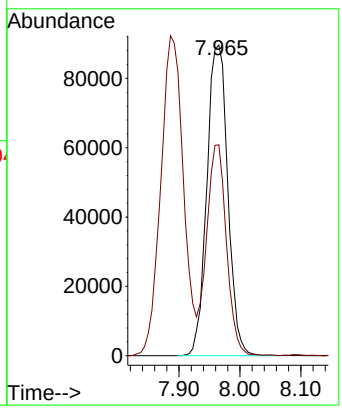




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:168 Resp: 21431

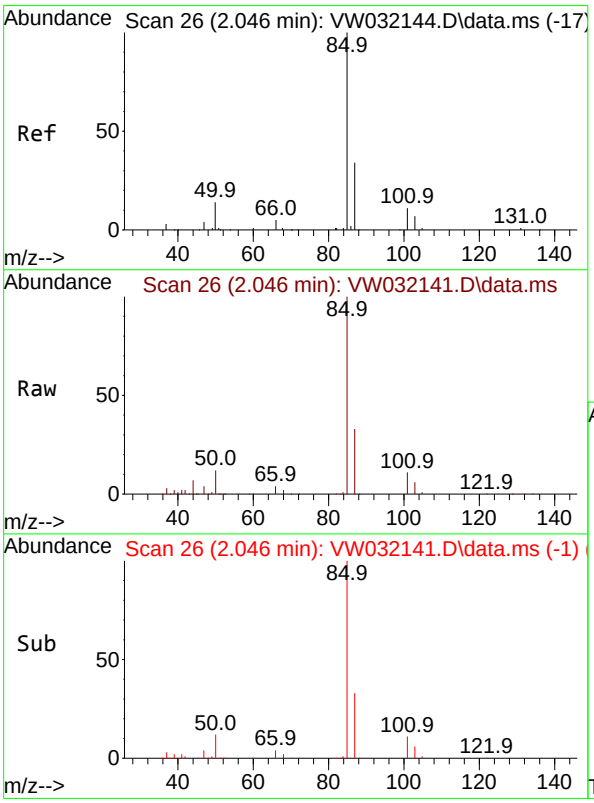
Ion	Ratio	Lower	Upper
168	100		
99	67.9	49.3	73.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

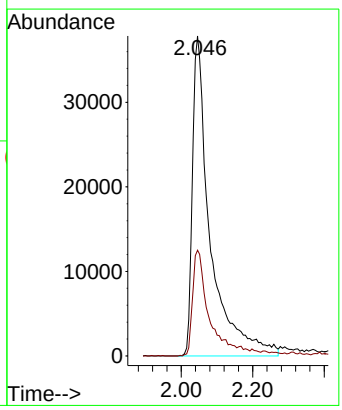
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

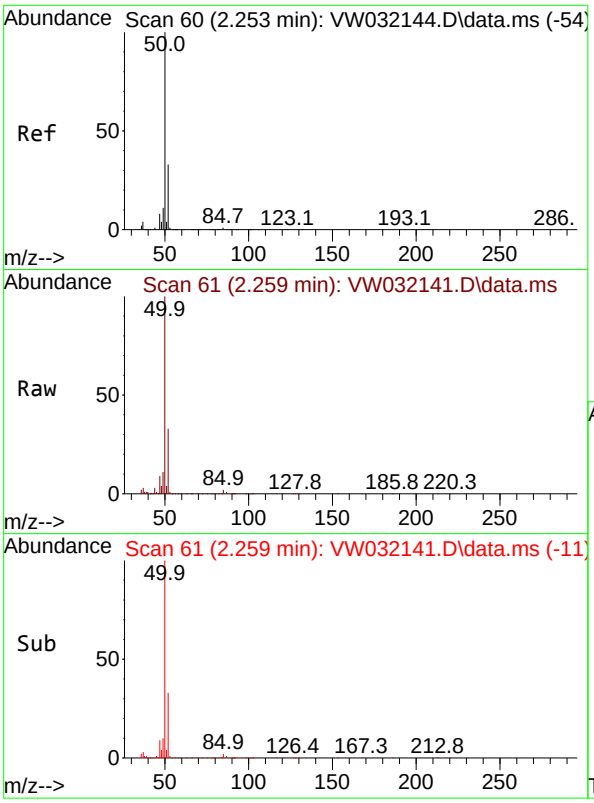


#2
Dichlorodifluoromethane
Concen: 92.569 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 85 Resp: 130979

Ion	Ratio	Lower	Upper
85	100		
87	33.0	17.2	51.6

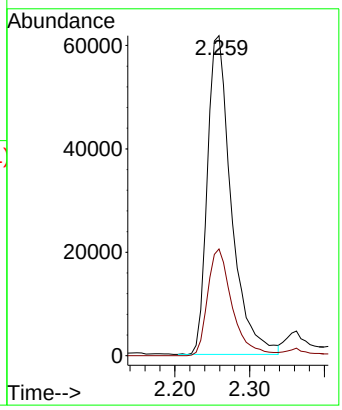




#3
Chloromethane
Concen: 92.554 ug/l
RT: 2.259 min Scan# 6
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 50 Resp: 13730

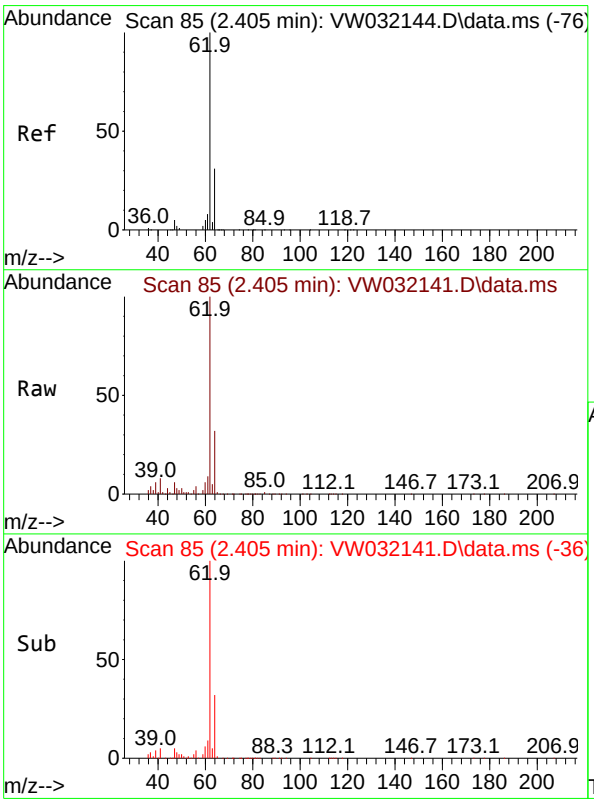
Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.1	39.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

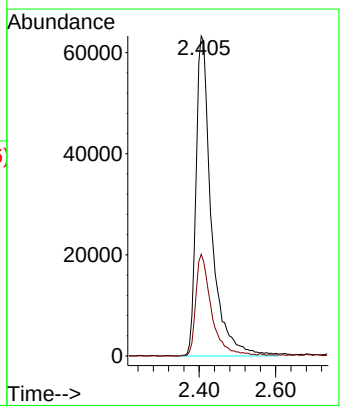
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

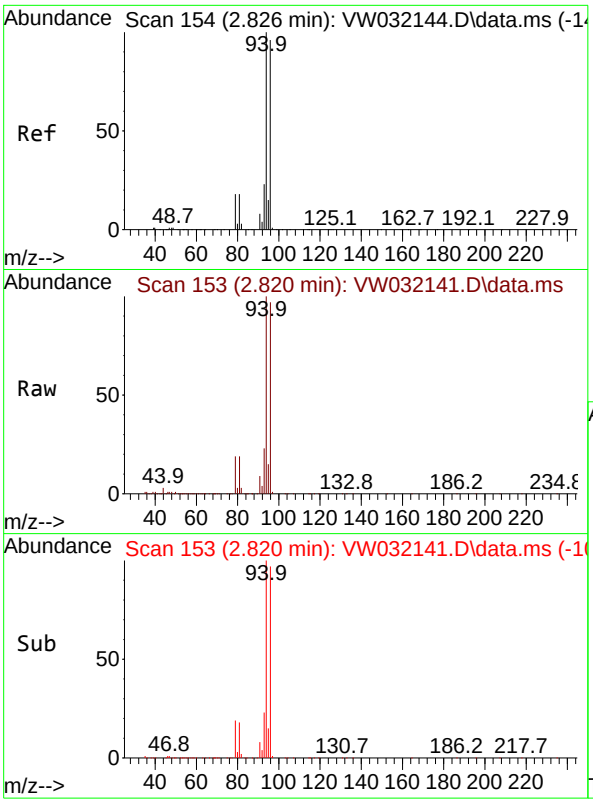


#4
Vinyl Chloride
Concen: 91.991 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 62 Resp: 177256

Ion	Ratio	Lower	Upper
62	100		
64	31.7	24.8	37.2

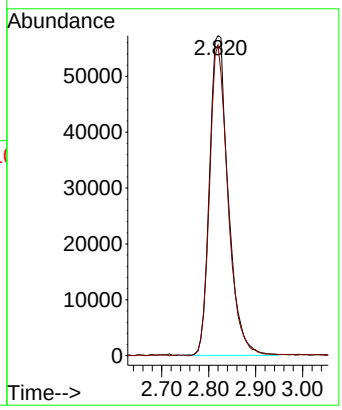




#5
Bromomethane
Concen: 91.928 ug/l
RT: 2.820 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 94 Resp: 15818

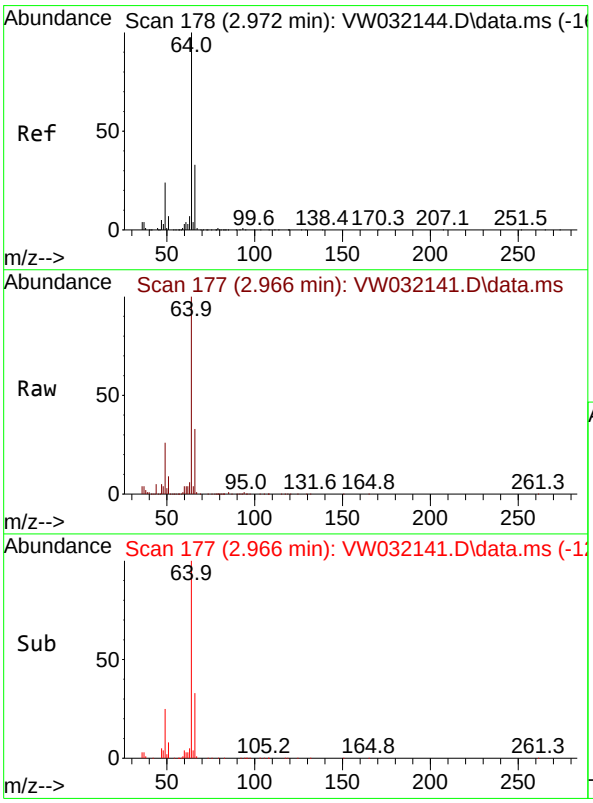
Ion	Ratio	Lower	Upper
94	100		
96	96.9	76.6	115.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

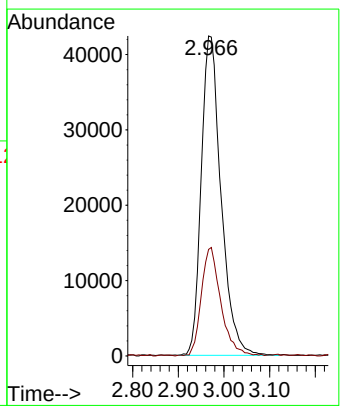
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

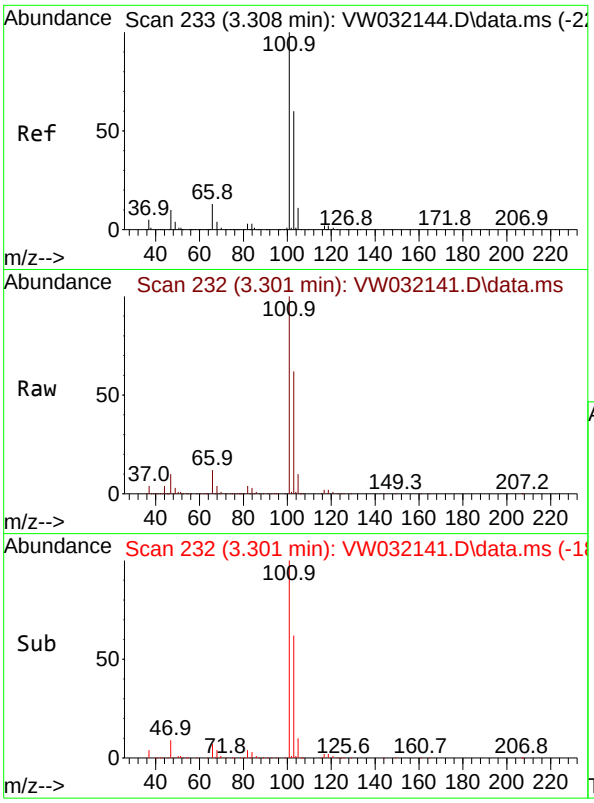


#6
Chloroethane
Concen: 94.095 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 64 Resp: 127686

Ion	Ratio	Lower	Upper
64	100		
66	33.2	26.2	39.4

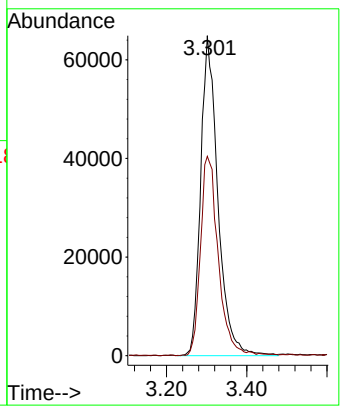




#7
Trichlorofluoromethane
Concen: 101.172 ug/l
RT: 3.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:101 Resp: 19315

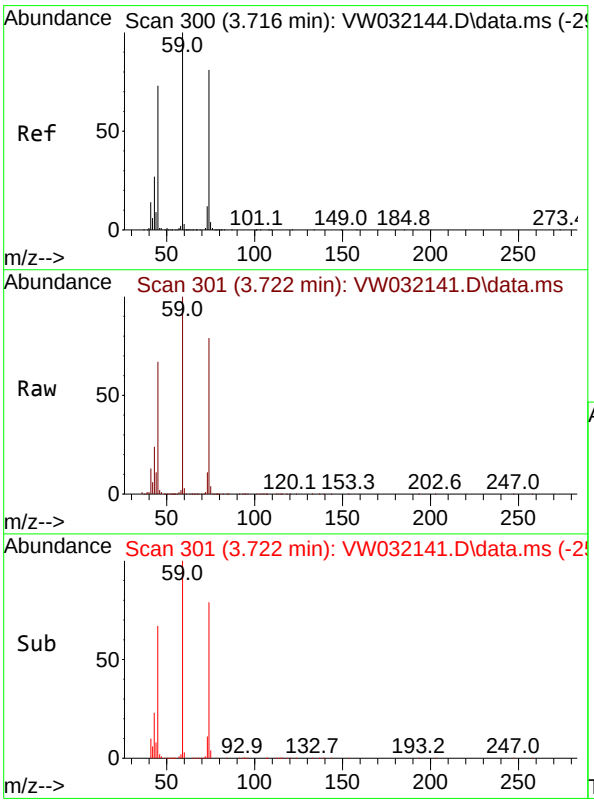
Ion	Ratio	Lower	Upper
101	100		
103	62.2	47.8	71.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

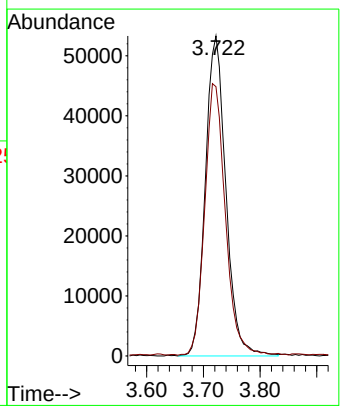
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

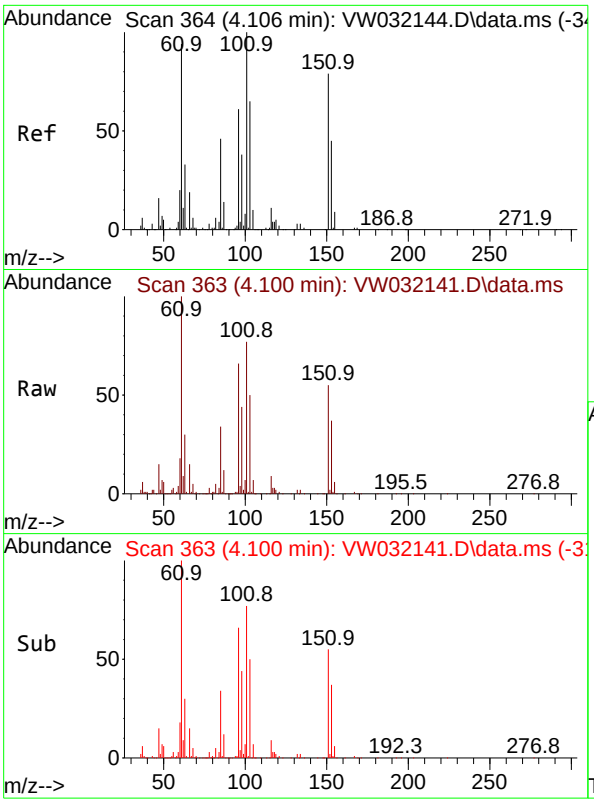


#8
Diethyl Ether
Concen: 94.079 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 74 Resp: 134040

Ion	Ratio	Lower	Upper
74	100		
45	85.3	43.1	129.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.726 ug/l
RT: 4.100 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

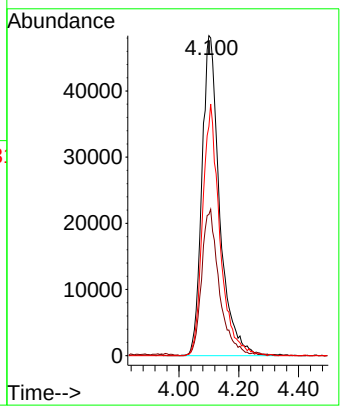
Tgt Ion:101 Resp: 19942

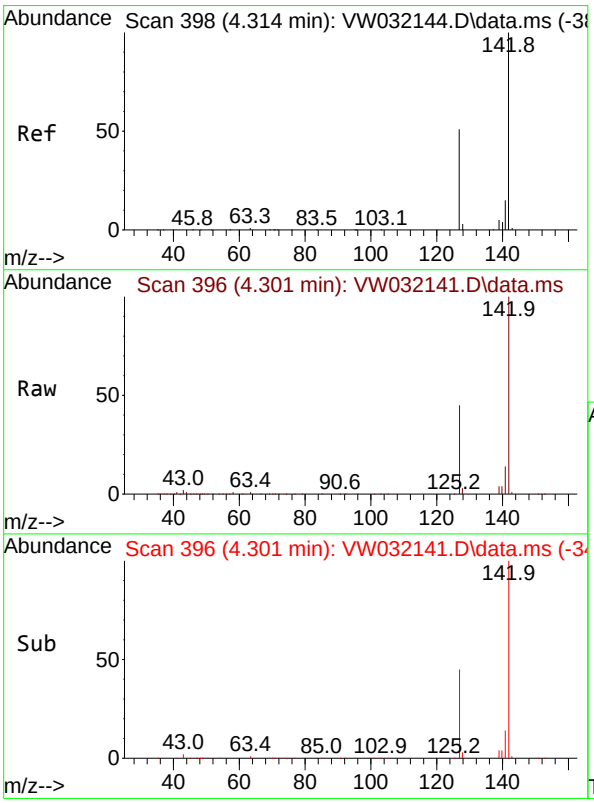
Ion	Ratio	Lower	Upper
101	100		
85	45.4	37.1	55.7
151	76.3	61.5	92.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

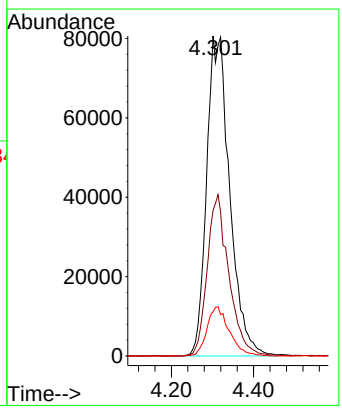


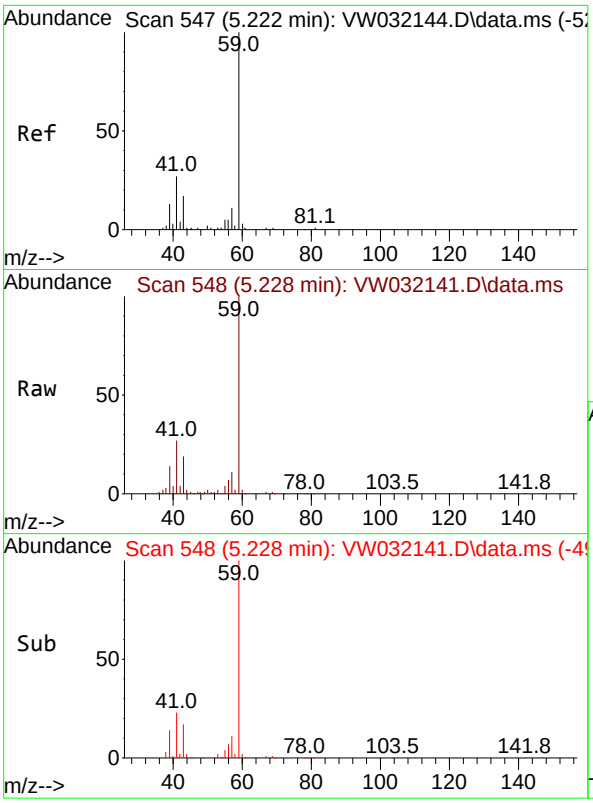


#10
Methyl Iodide
Concen: 95.989 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:142 Resp: 314350

Ion	Ratio	Lower	Upper
142	100		
127	47.2	38.2	57.2
141	14.8	12.2	18.2

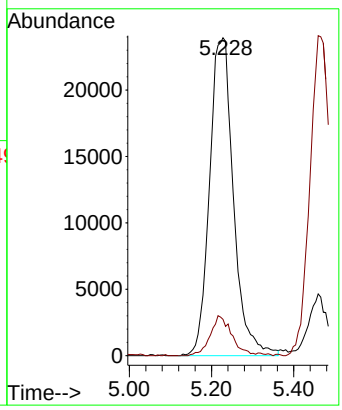




#11
Tert butyl alcohol
Concen: 514.893 ug/l
RT: 5.228 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 59 Resp: 9652

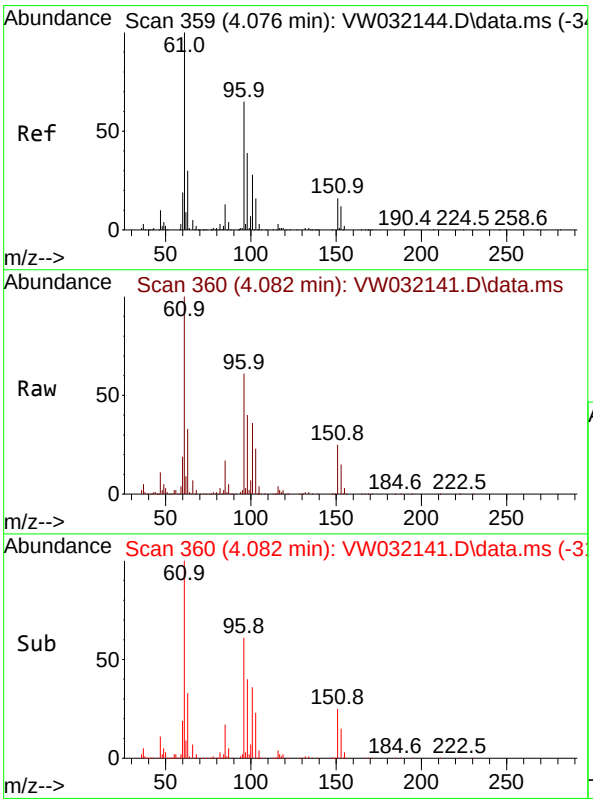
Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

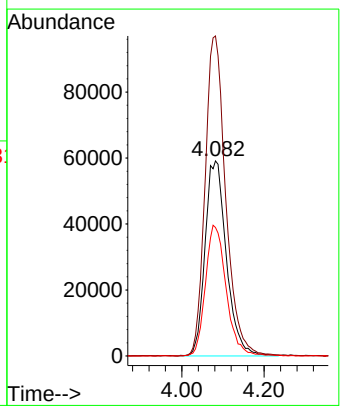
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

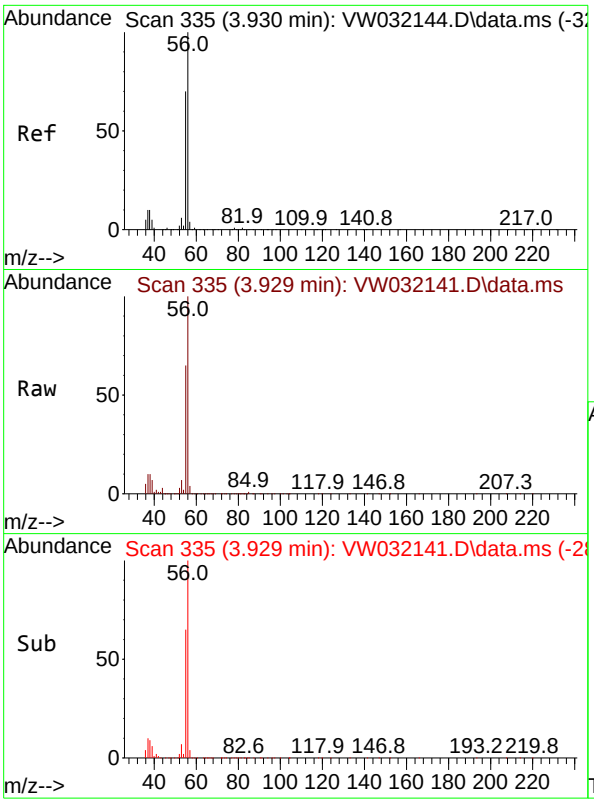


#12
1,1-Dichloroethene
Concen: 94.253 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 96 Resp: 213483

Ion	Ratio	Lower	Upper
96	100		
61	164.0	123.0	184.4
98	65.9	48.5	72.7

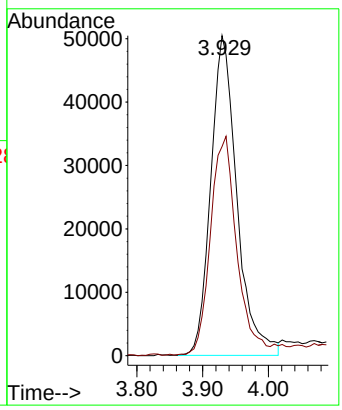




#13
Acrolein
Concen: 483.829 ug/l
RT: 3.929 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 56 Resp: 13942

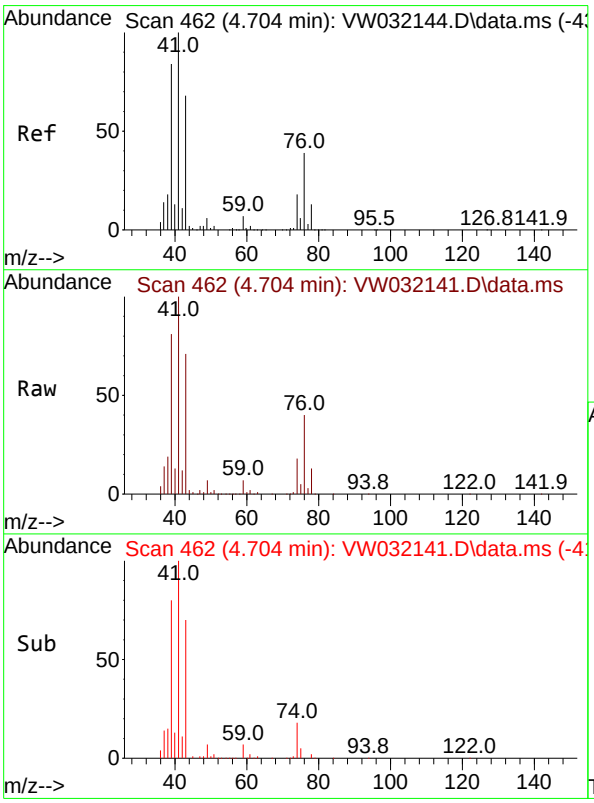
Ion	Ratio	Lower	Upper
56	100		
55	68.9	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

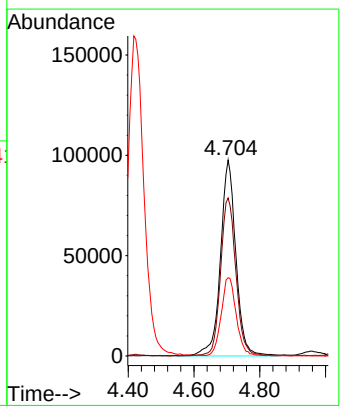
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

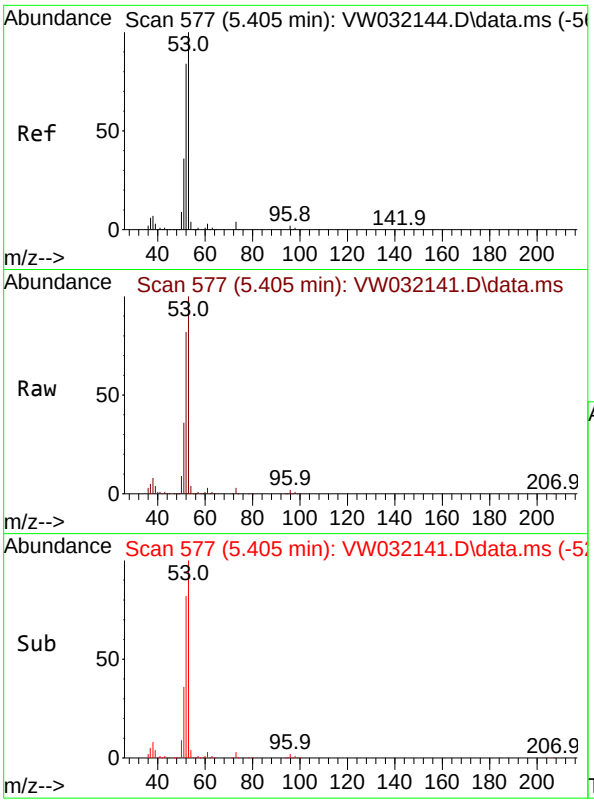


#14
Allyl chloride
Concen: 98.737 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 41 Resp: 317666

Ion	Ratio	Lower	Upper
41	100		
39	79.6	64.1	96.1
76	38.7	31.4	47.2

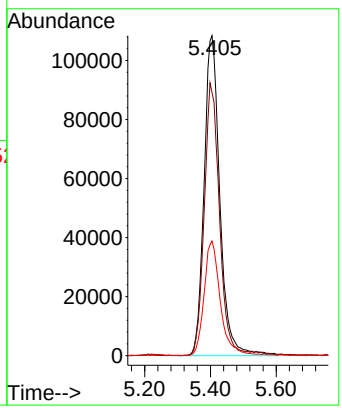




#15
Acrylonitrile
Concen: 522.461 ug/l
RT: 5.405 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 53 Resp: 36190

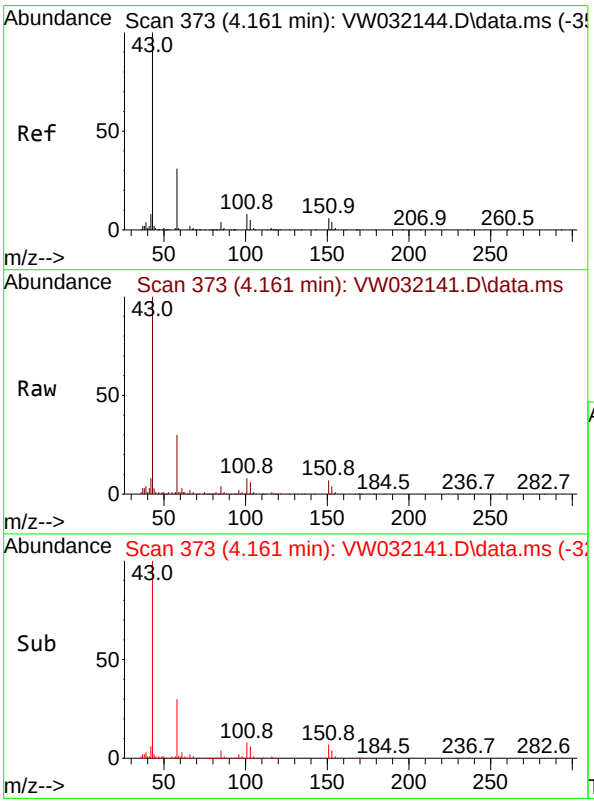
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.4	101.2
51	37.0	30.3	45.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
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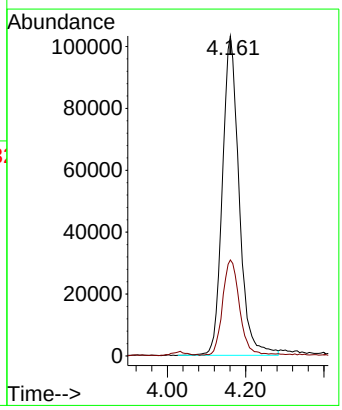
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

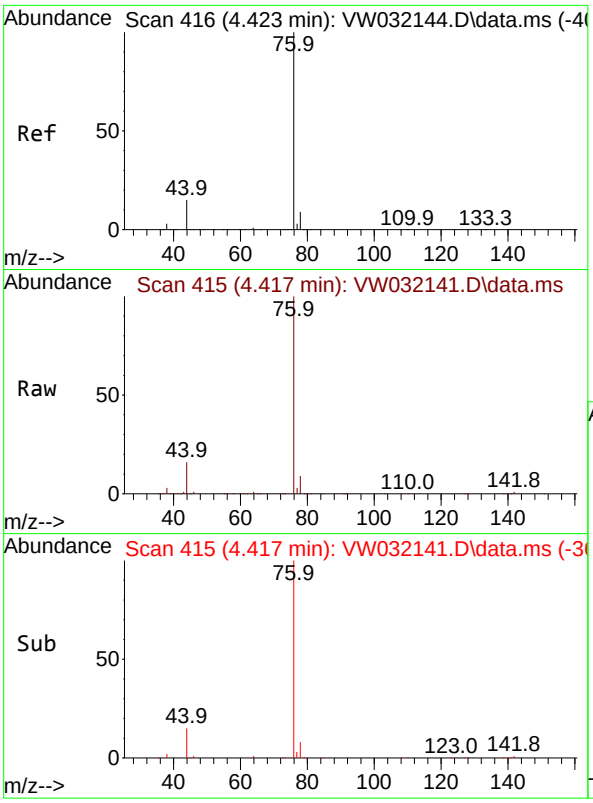


#16
Acetone
Concen: 462.093 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 306726

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.3	37.9





#17
Carbon Disulfide
Concen: 96.771 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

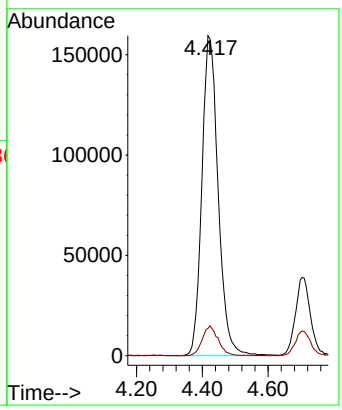
Tgt Ion: 76 Resp: 54821

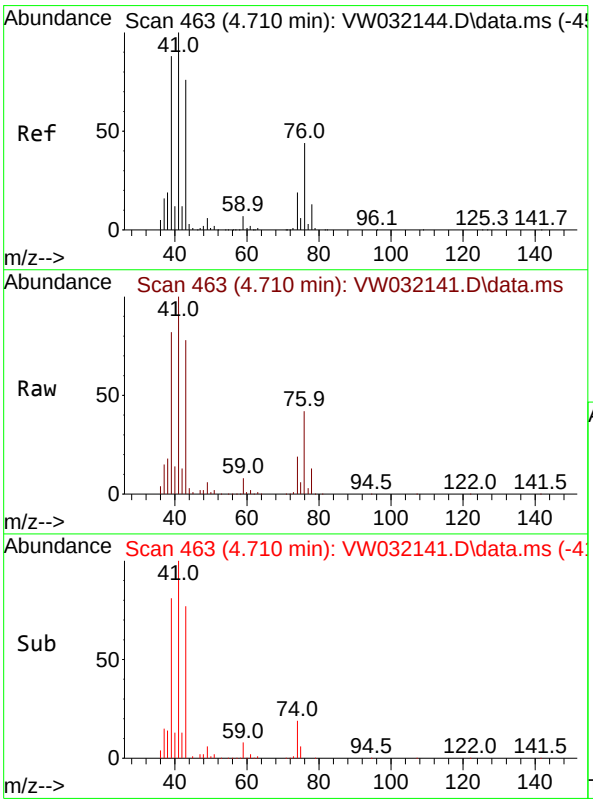
Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.0	10.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

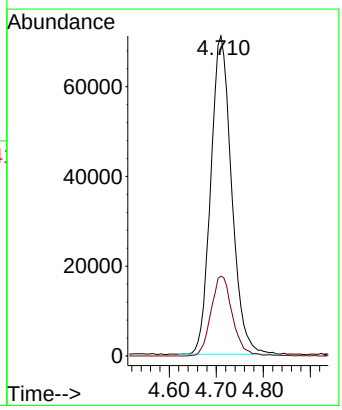


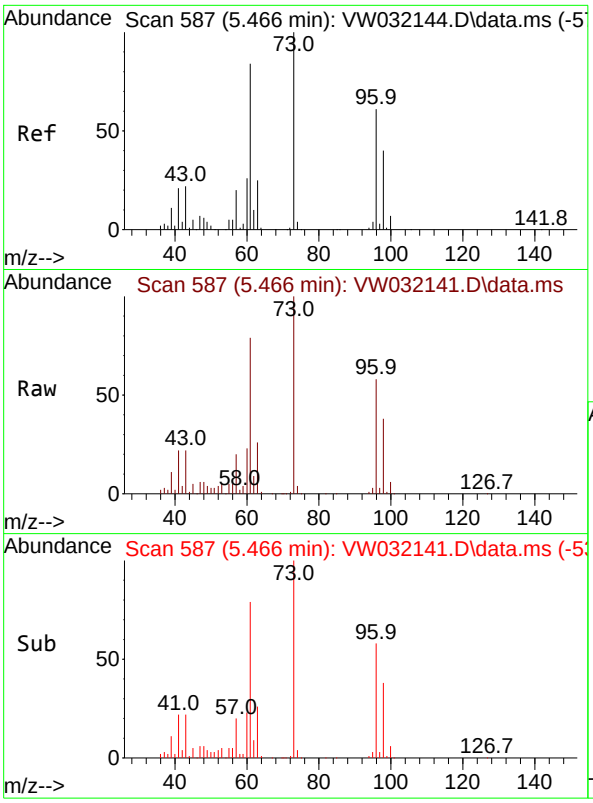


#18
Methyl Acetate
Concen: 103.419 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 218721

Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.2	30.4





#19
Methyl tert-butyl Ether
Concen: 100.671 ug/l
RT: 5.466 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

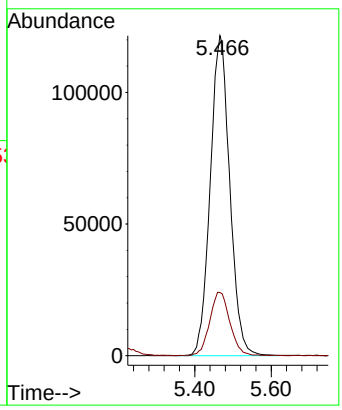
Tgt Ion: 73 Resp: 43058

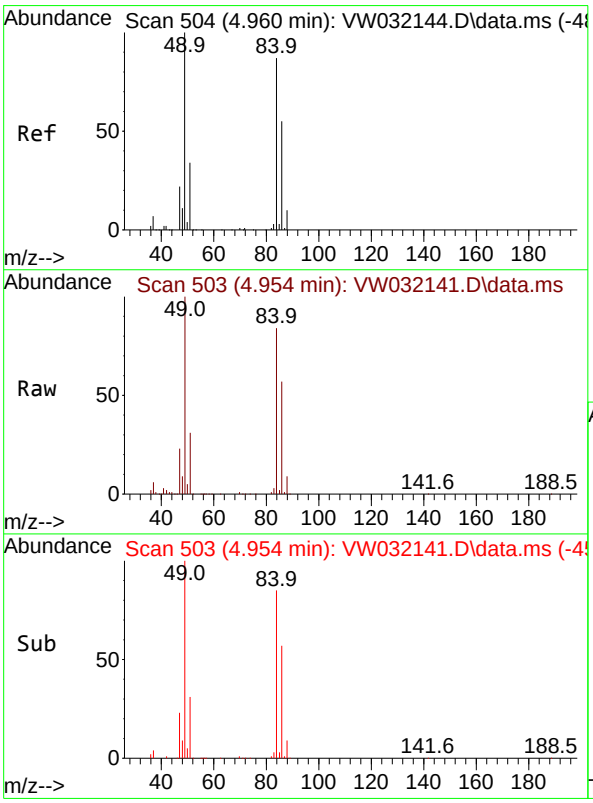
Ion	Ratio	Lower	Upper
73	100		
57	19.7	16.2	24.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

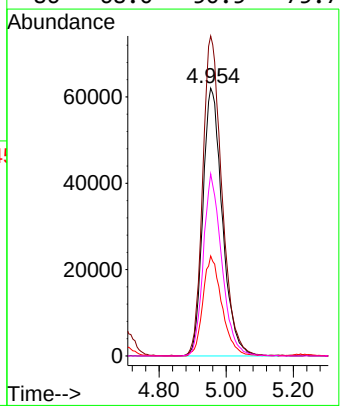


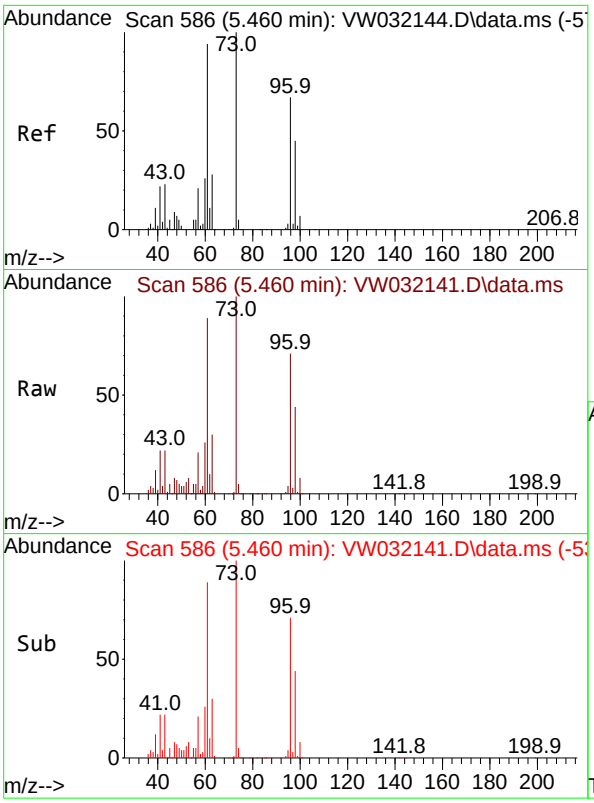


#20
Methylene Chloride
Concen: 99.223 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 84 Resp: 249401

Ion	Ratio	Lower	Upper
84	100		
49	119.2	92.2	138.4
51	37.3	31.0	46.6
86	68.0	50.5	75.7

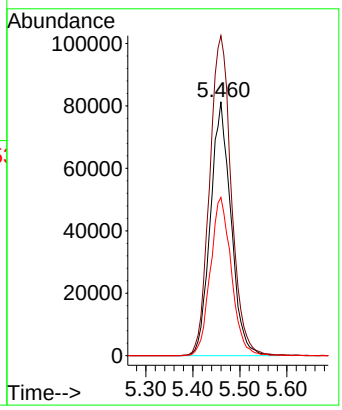




#21
trans-1,2-Dichloroethene
Concen: 97.635 ug/l
RT: 5.460 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 96 Resp: 24704

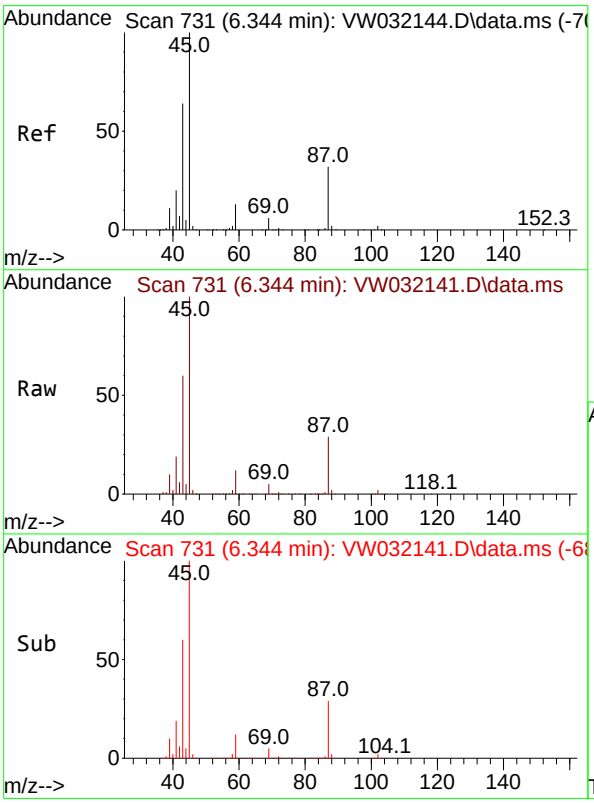
Ion	Ratio	Lower	Upper
96	100		
61	126.0	112.5	168.7
98	62.3	54.2	81.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

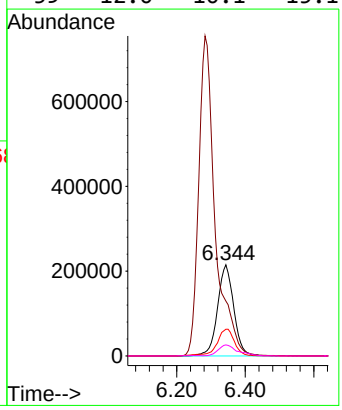
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

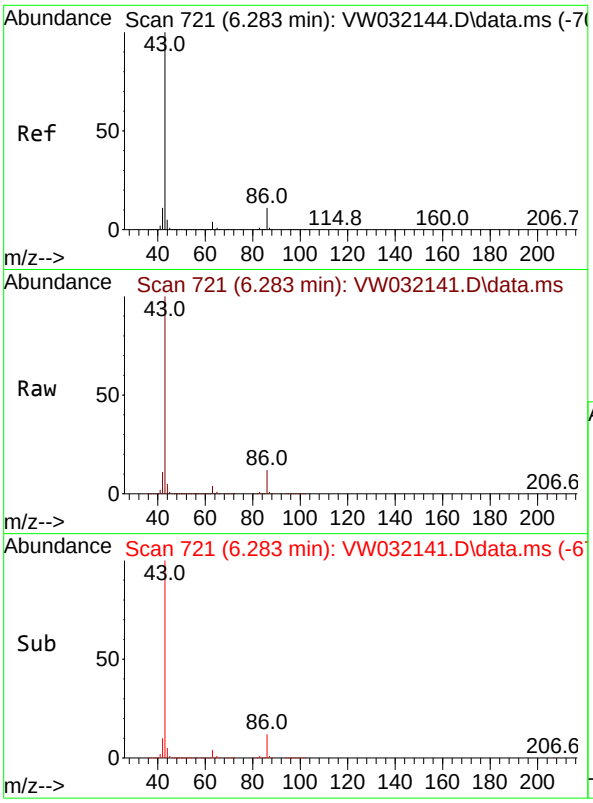


#22
Diisopropyl ether
Concen: 100.461 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 45 Resp: 703459

Ion	Ratio	Lower	Upper
45	100		
43	60.1	51.4	77.2
87	29.2	25.9	38.9
59	12.0	10.1	15.1





#23
Vinyl Acetate
Concen: 530.152 ug/l
RT: 6.283 min Scan# 7
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

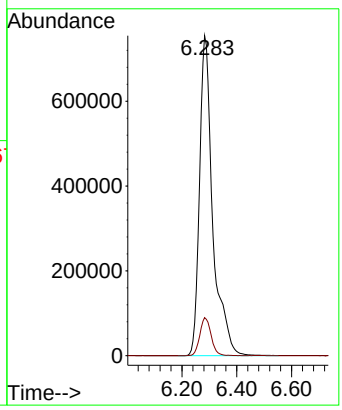
Tgt Ion: 43 Resp: 252395

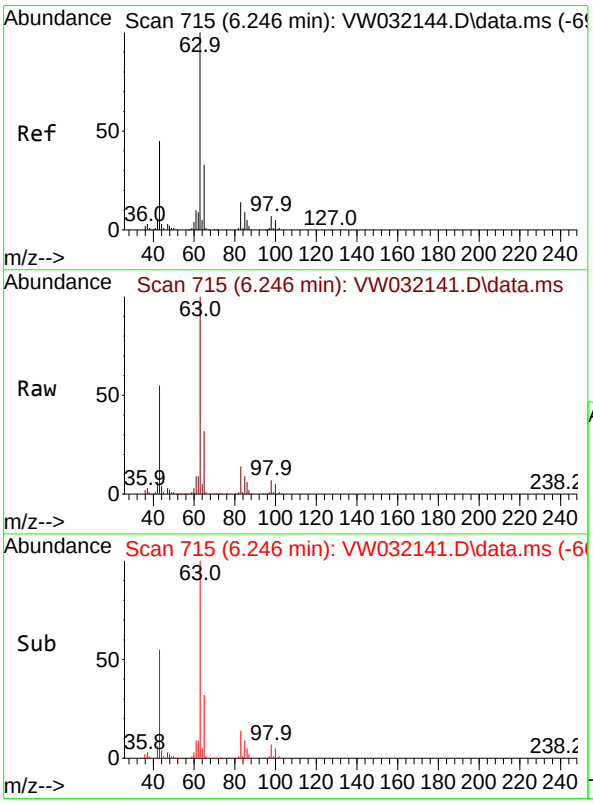
Ion	Ratio	Lower	Upper
43	100		
86	11.9	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

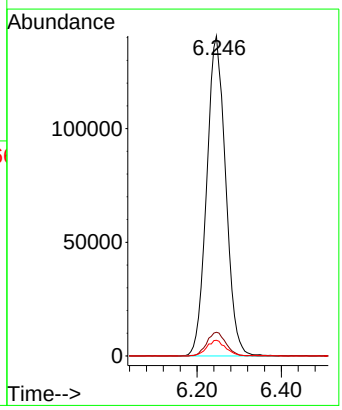


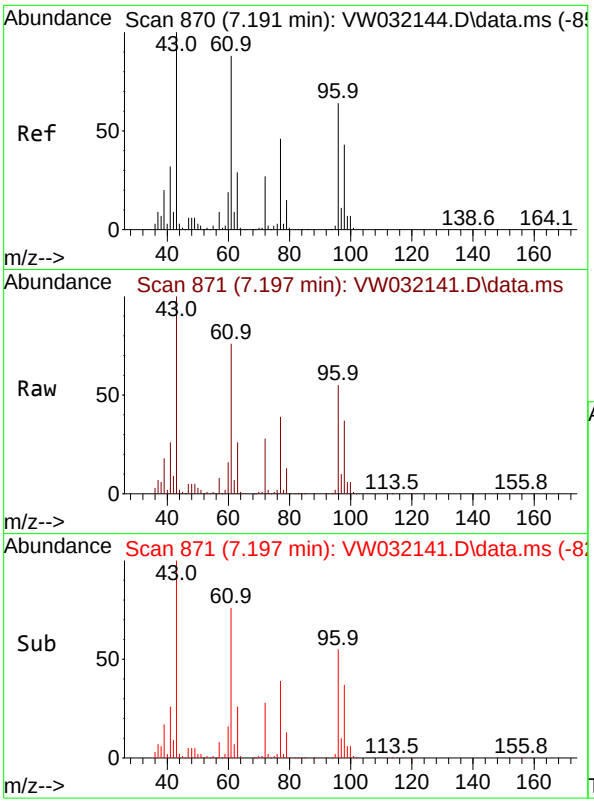


#24
1,1-Dichloroethane
Concen: 95.888 ug/l
RT: 6.246 min Scan# 715
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 63 Resp: 439569

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.2
100	4.9	2.5	7.5

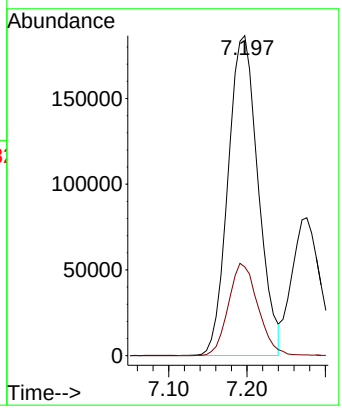




#25
2-Butanone
Concen: 529.422 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 49796

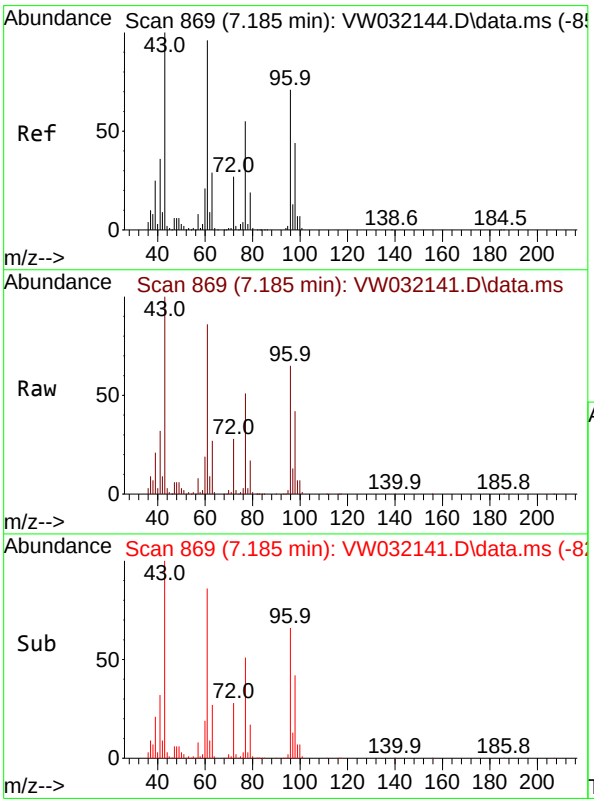
Ion	Ratio	Lower	Upper
43	100		
72	27.8	21.4	32.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

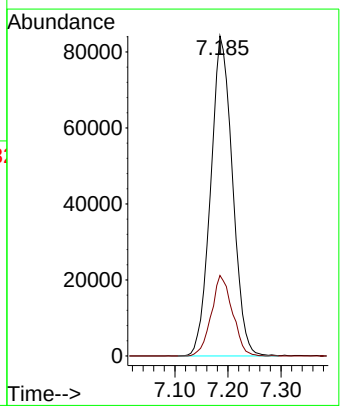
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

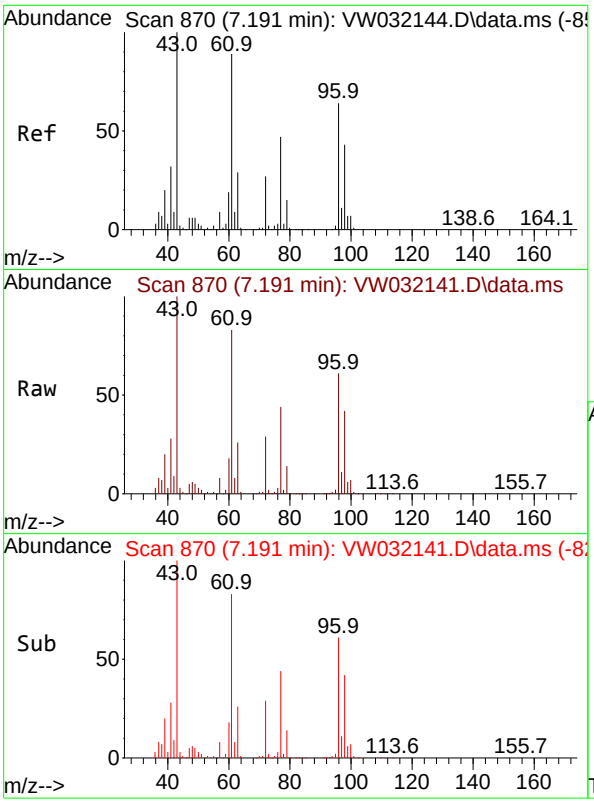


#26
2,2-Dichloropropane
Concen: 99.327 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 77 Resp: 241129

Ion	Ratio	Lower	Upper
77	100		
97	24.3	11.9	35.5

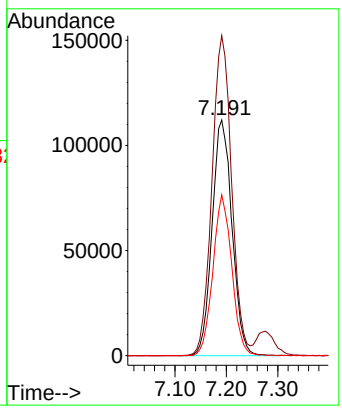




#27
cis-1,2-Dichloroethene
Concen: 98.117 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 96 Resp: 30209

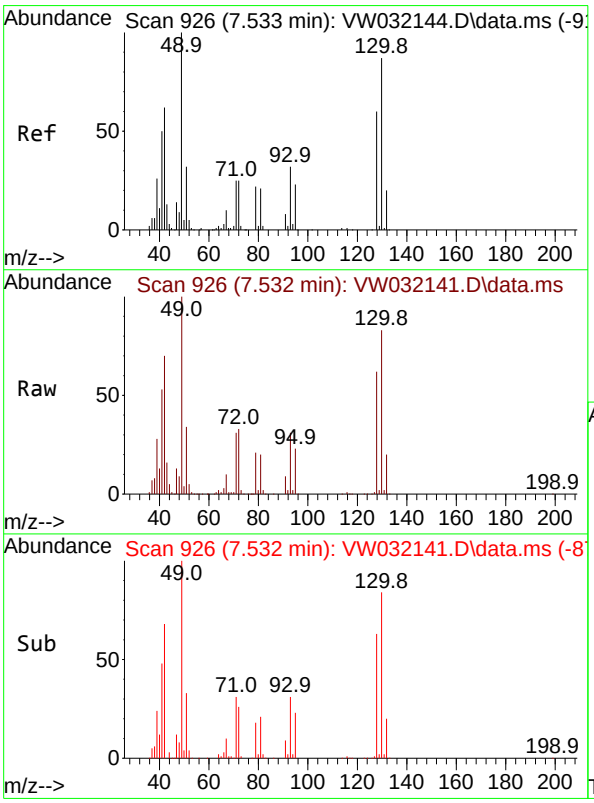
Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	268.0
98	64.5	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

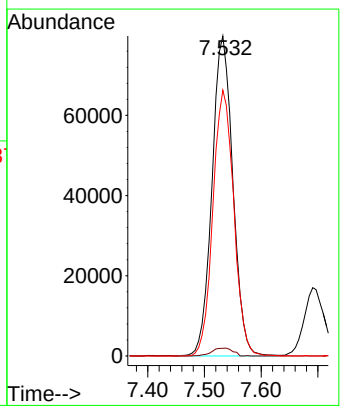
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

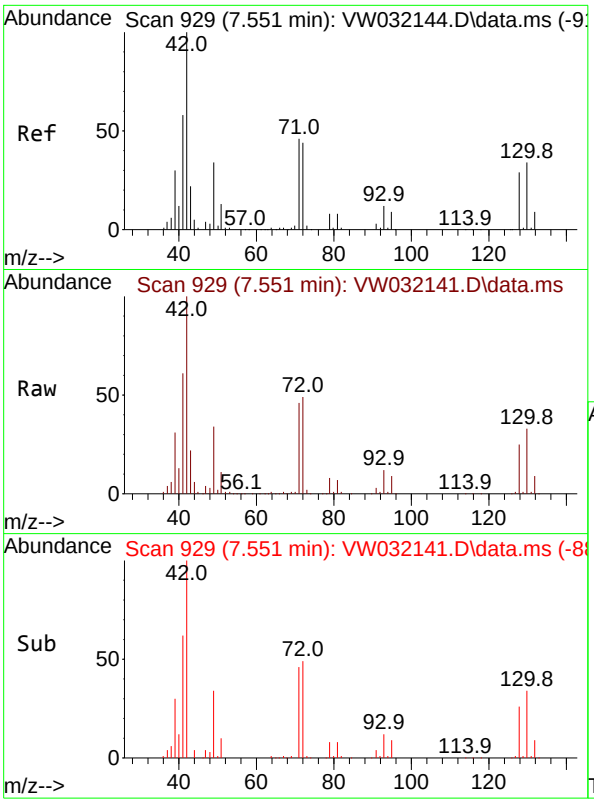


#28
Bromochloromethane
Concen: 97.052 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 49 Resp: 203663

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.2
130	83.2	67.5	101.3

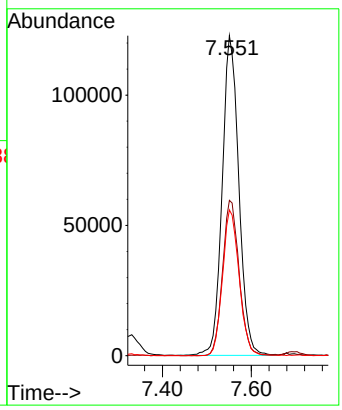




#29
Tetrahydrofuran
Concen: 533.016 ug/l
RT: 7.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 42 Resp: 31858

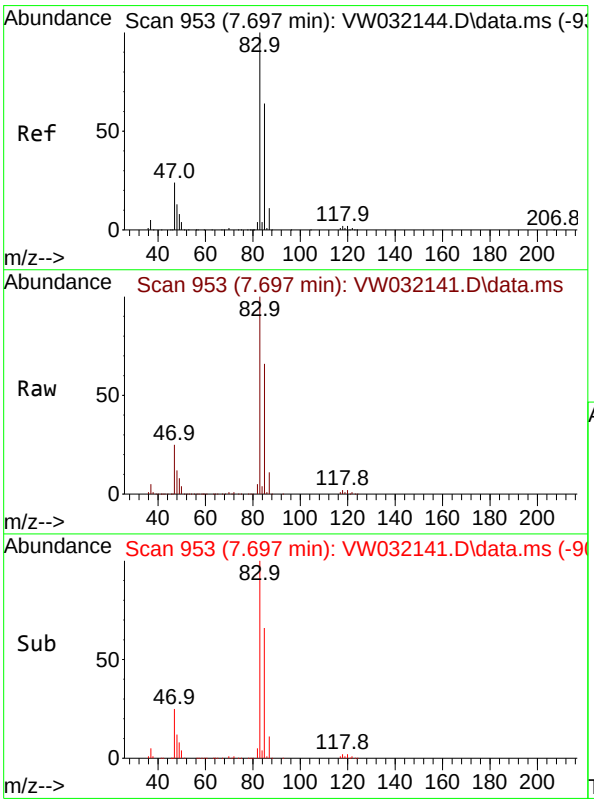
Ion	Ratio	Lower	Upper
42	100		
72	48.4	37.4	56.2
71	45.4	36.0	54.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

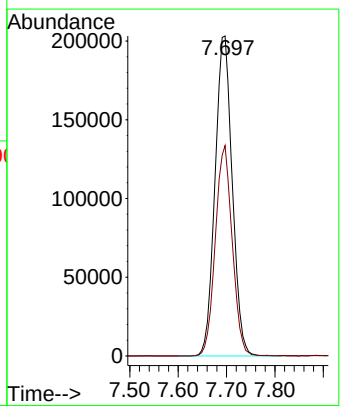
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

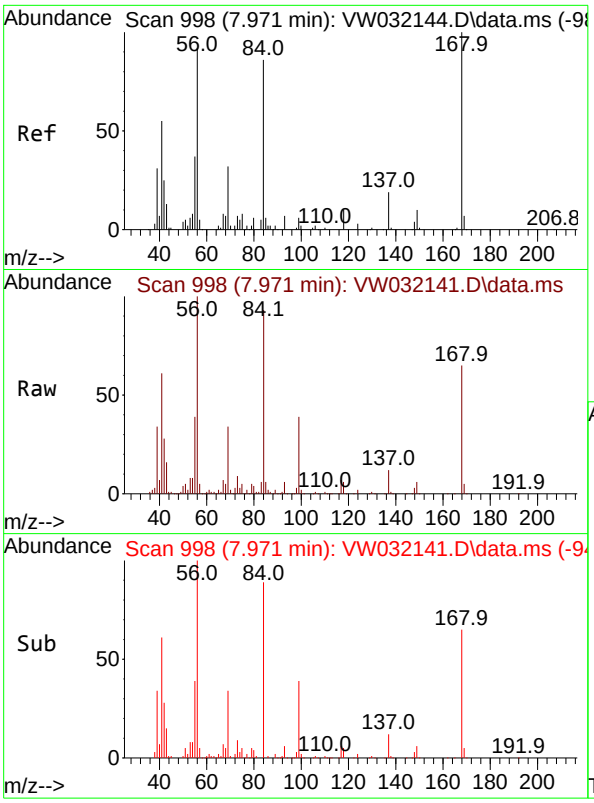


#30
Chloroform
Concen: 96.112 ug/l
RT: 7.697 min Scan# 953
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 83 Resp: 503040

Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.2	76.8

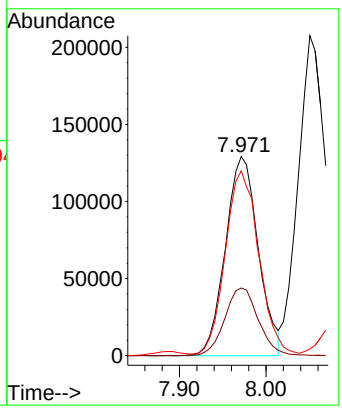




#31
Cyclohexane
Concen: 90.646 ug/l
RT: 7.971 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 56 Resp: 34106

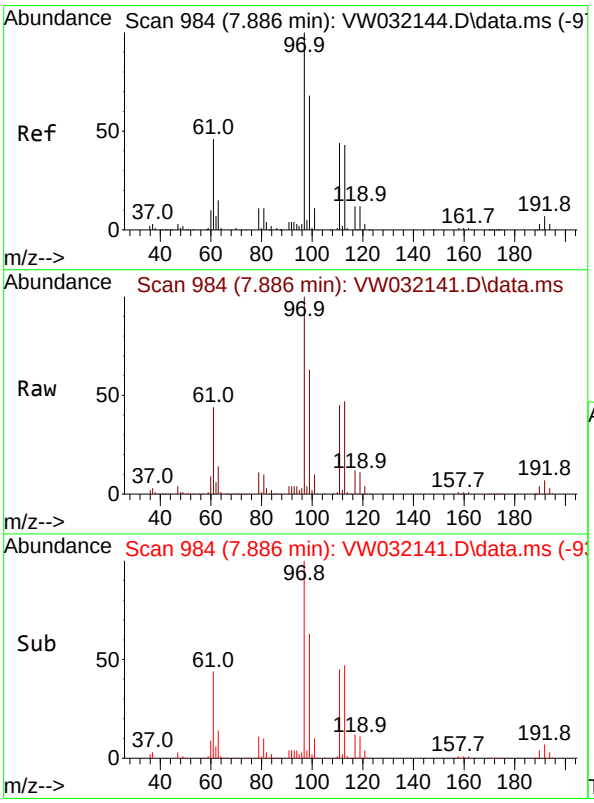
Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.7	41.5
84	91.2	74.6	112.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

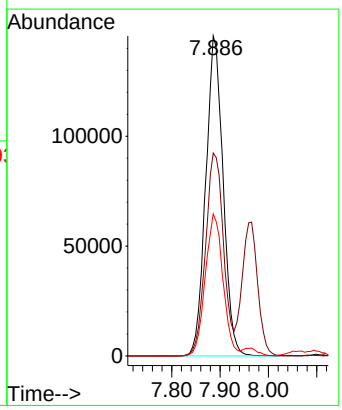
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

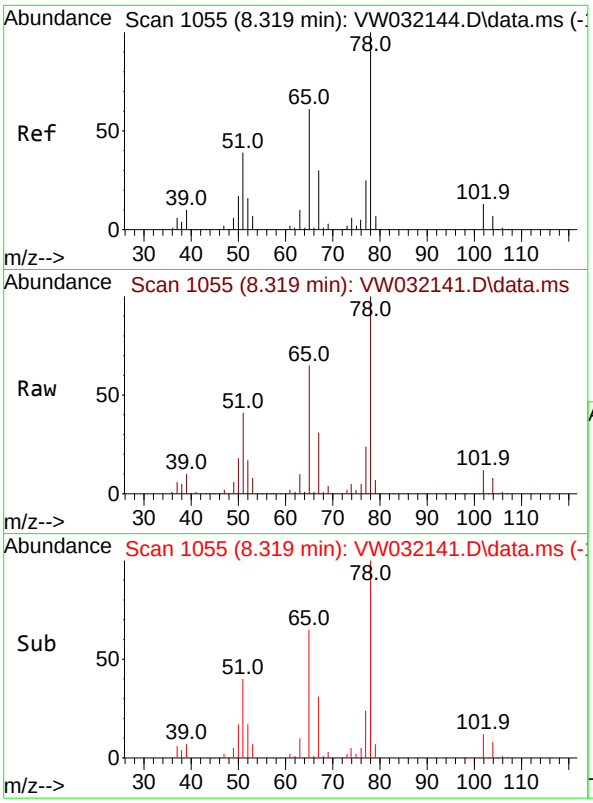


#32
1,1,1-Trichloroethane
Concen: 95.007 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 97 Resp: 362994

Ion	Ratio	Lower	Upper
97	100		
99	65.8	50.9	76.3
61	45.2	36.2	54.4

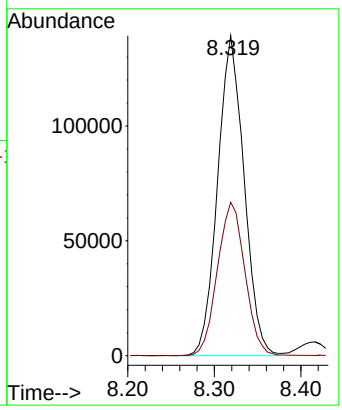




#33
1,2-Dichloroethane-d4
Concen: 96.455 ug/l
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 65 Resp: 29562

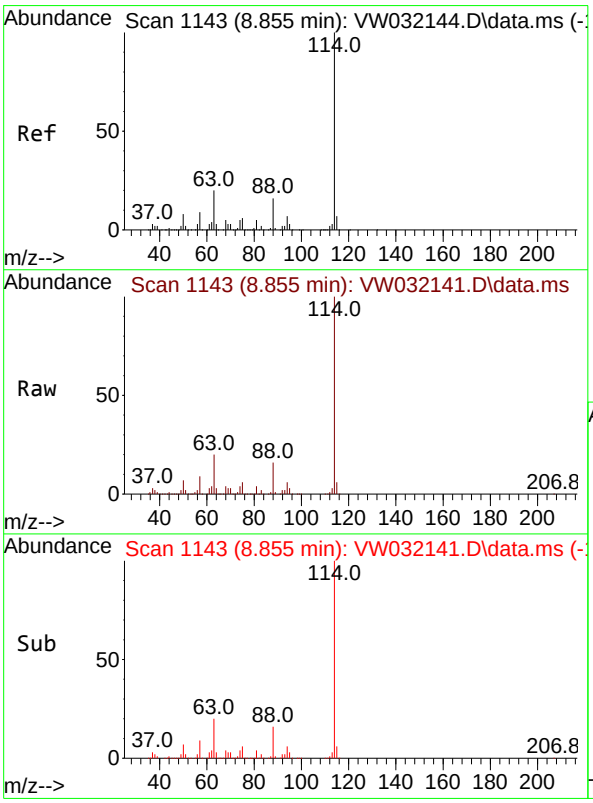
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

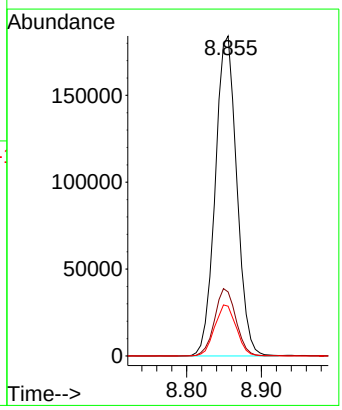
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

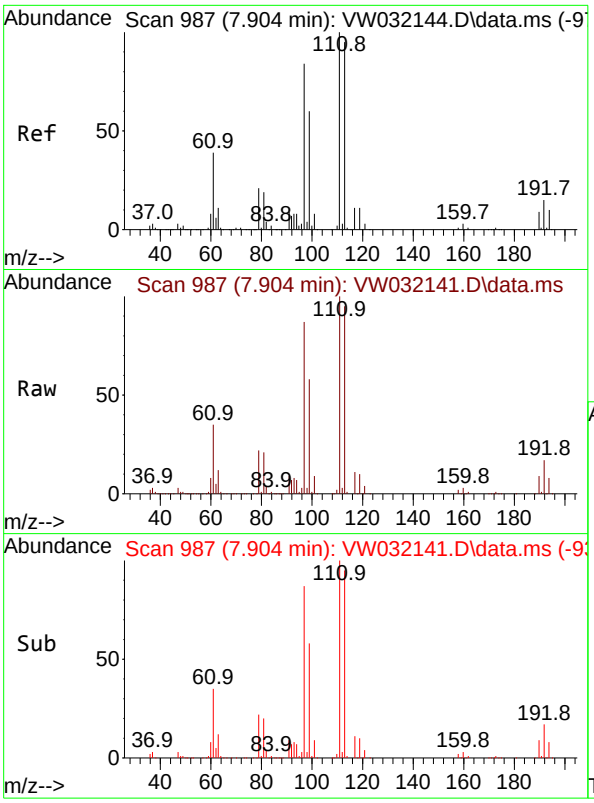


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:114 Resp: 368598

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.4
88	15.6	0.0	32.0

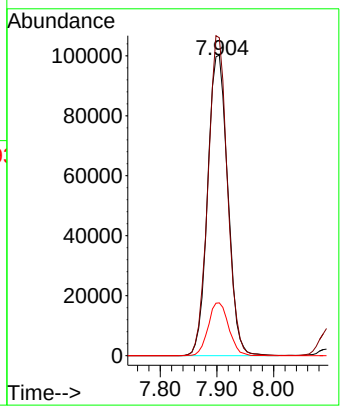




#35
Dibromofluoromethane
Concen: 95.431 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:113 Resp: 24679

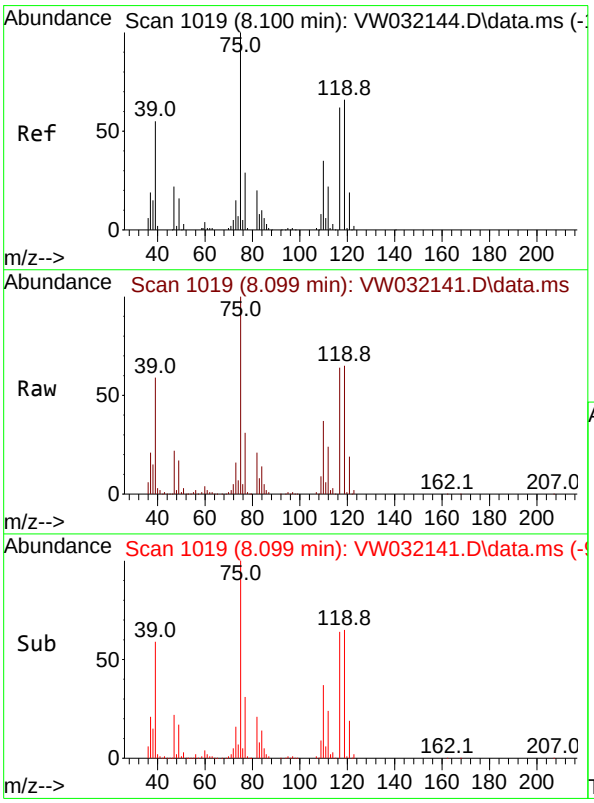
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.9	125.9
192	17.9	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

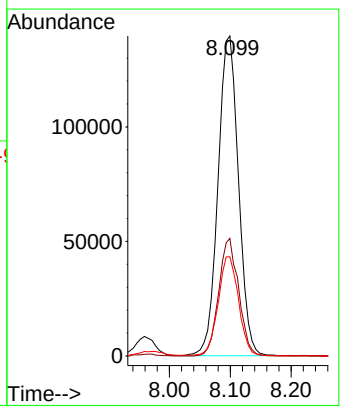
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

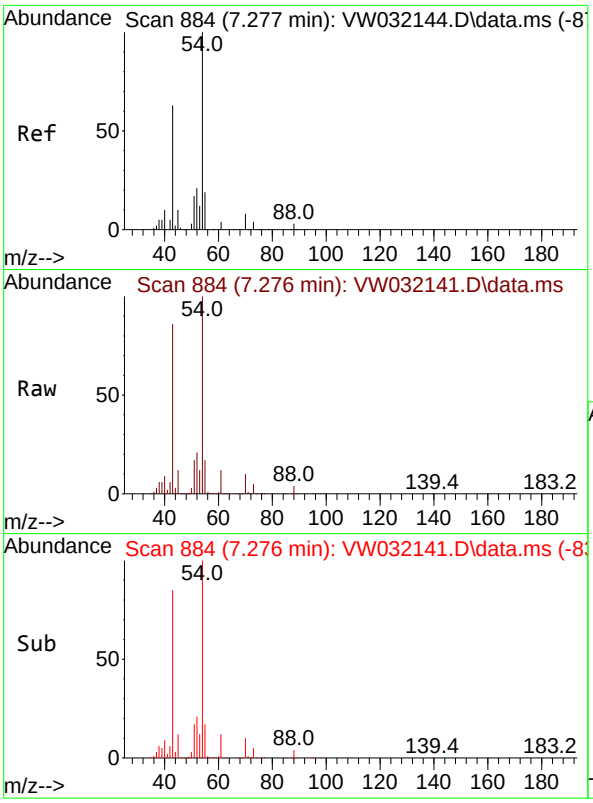


#36
1,1-Dichloropropene
Concen: 97.392 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 326557

Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.5	52.5
77	30.9	24.1	36.1





#37
Ethyl Acetate
Concen: 104.099 ug/l
RT: 7.276 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

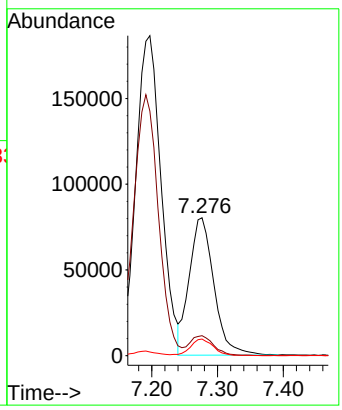
Tgt Ion: 43 Resp: 20938

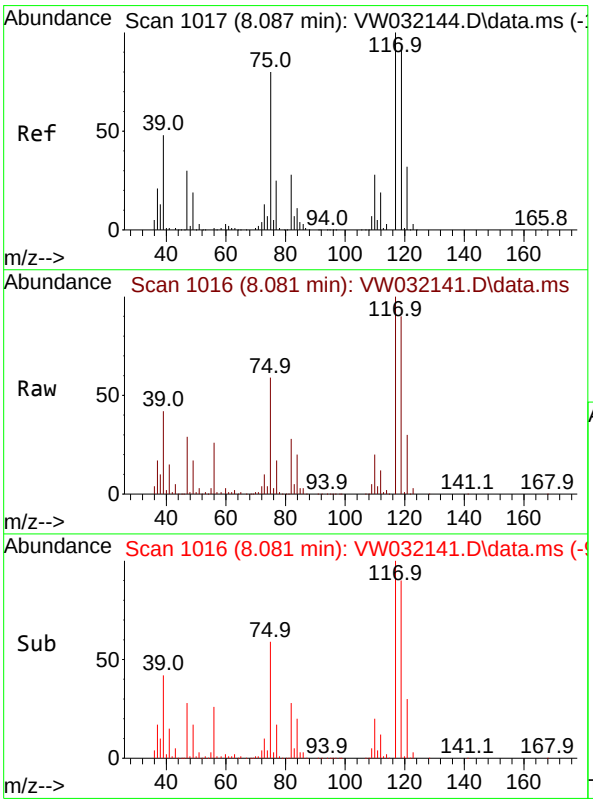
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	11.4	8.9	13.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

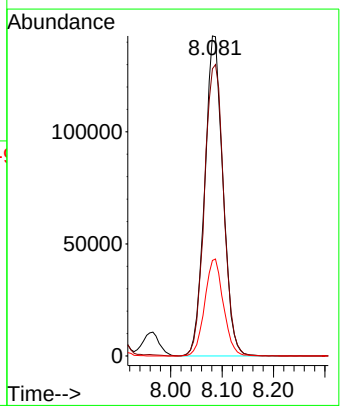


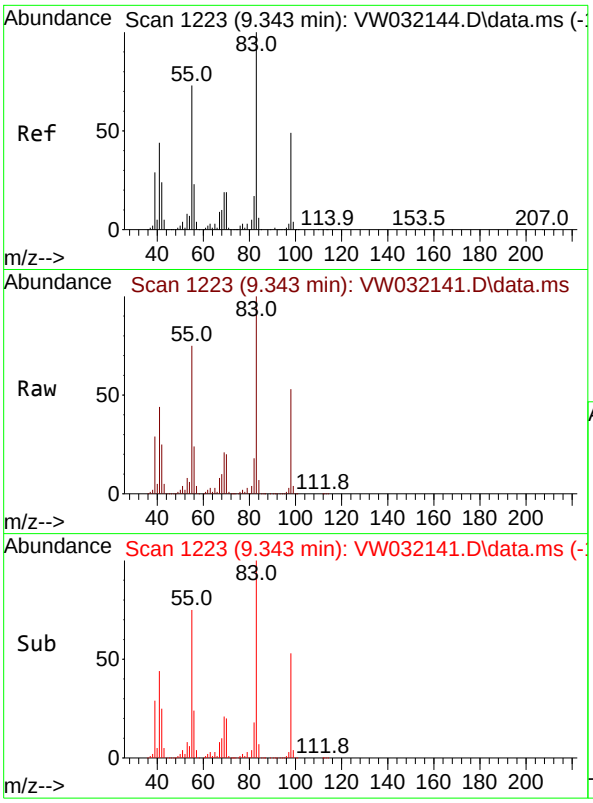


#38
Carbon Tetrachloride
Concen: 97.846 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:117 Resp: 351706

Ion	Ratio	Lower	Upper
117	100		
119	89.8	74.2	111.2
121	29.9	25.6	38.4

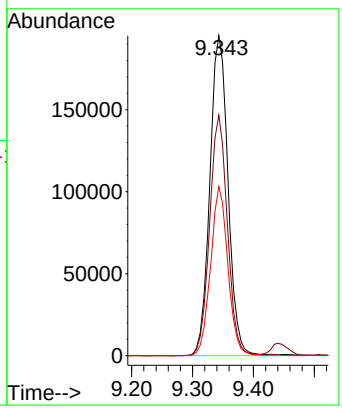




#39
Methylcyclohexane
Concen: 102.003 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 83 Resp: 40510

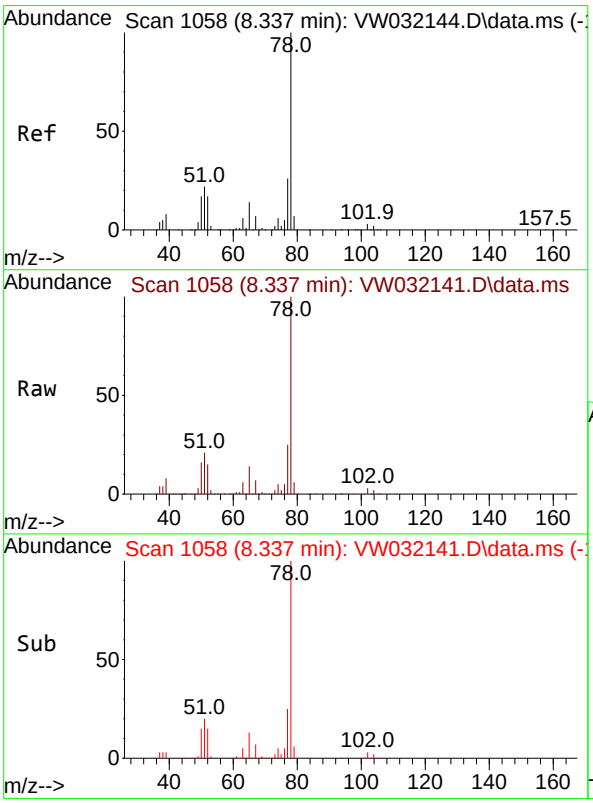
Ion	Ratio	Lower	Upper
83	100		
55	75.1	58.4	87.6
98	52.8	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

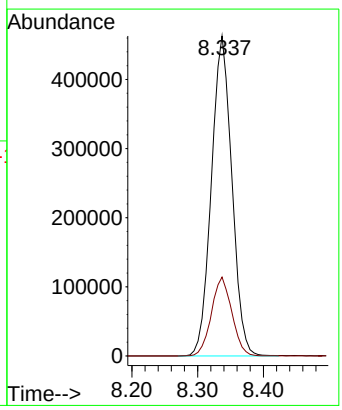
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

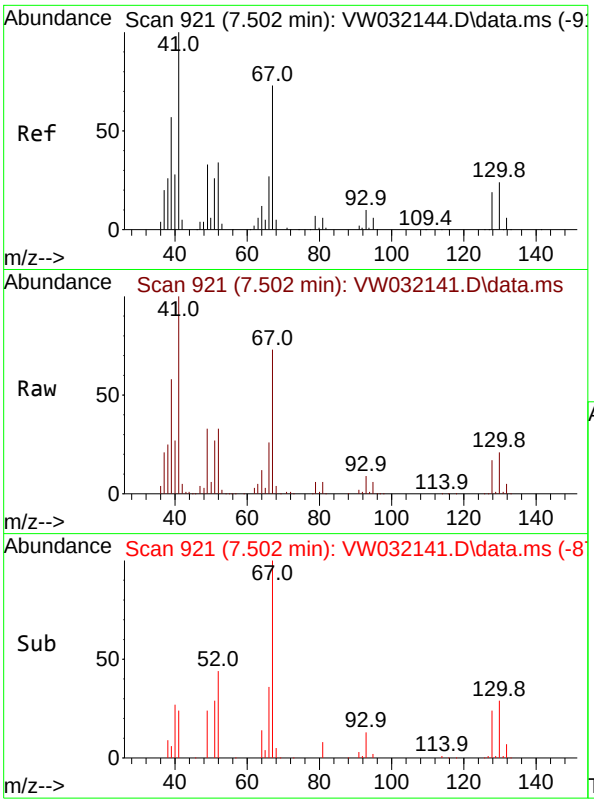


#40
Benzene
Concen: 96.909 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 78 Resp: 1004428

Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.7	31.1

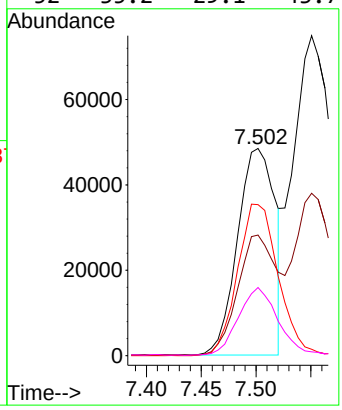




#41
Methacrylonitrile
Concen: 102.923 ug/l
RT: 7.502 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 41 Resp: 11501

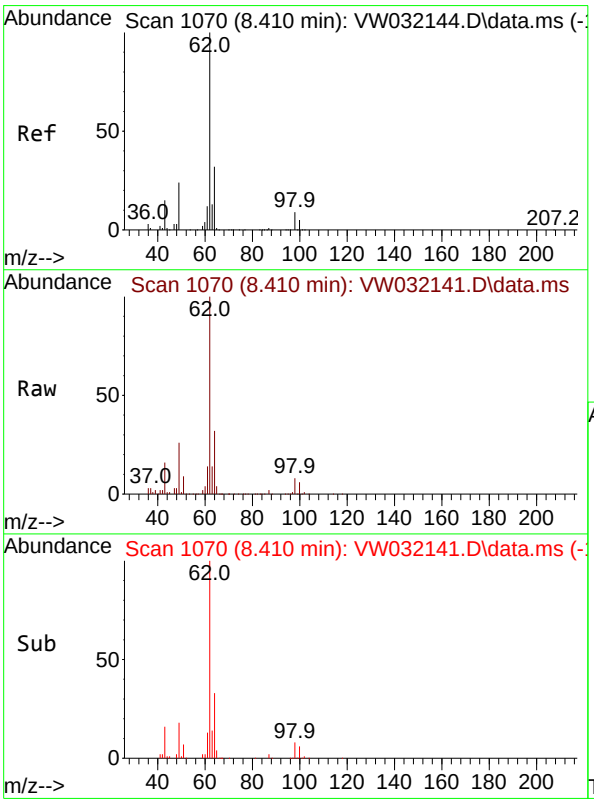
Ion	Ratio	Lower	Upper
41	100		
39	63.1	50.9	76.3
67	80.5	65.6	98.4
52	35.2	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

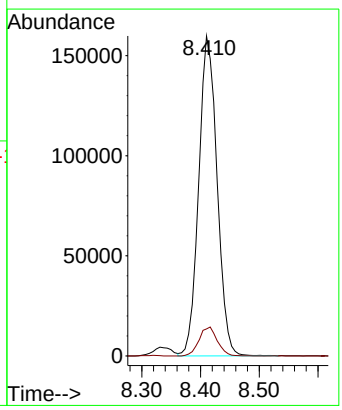
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

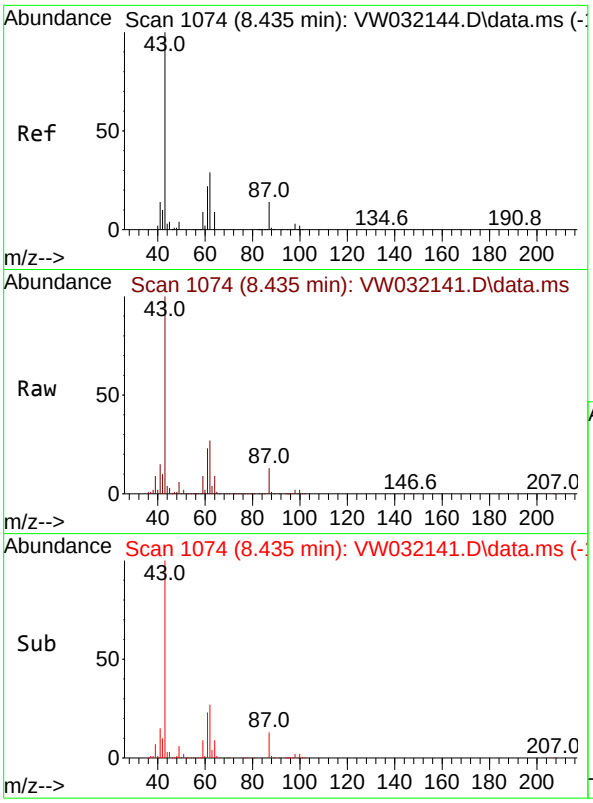


#42
1,2-Dichloroethane
Concen: 96.602 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 62 Resp: 347098

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0





#43
Isopropyl Acetate
Concen: 105.105 ug/l
RT: 8.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

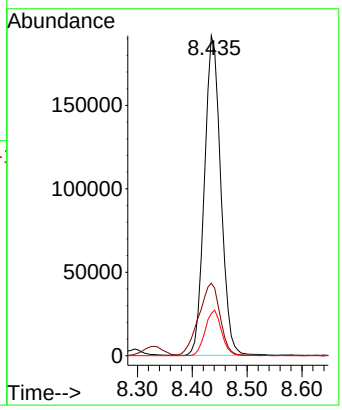
Tgt Ion: 43 Resp: 39661

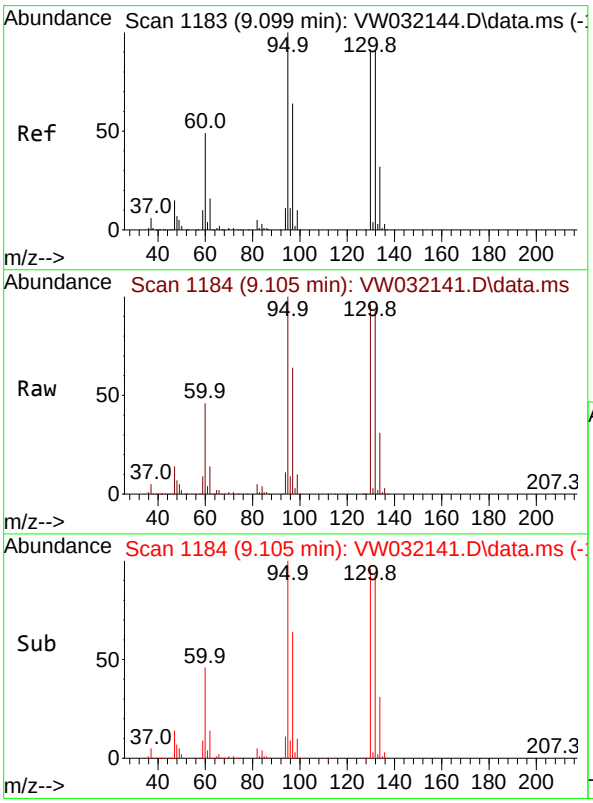
Ion	Ratio	Lower	Upper
43	100		
61	29.2	23.3	34.9
87	14.2	11.1	16.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

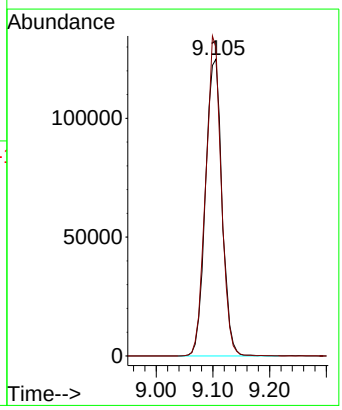


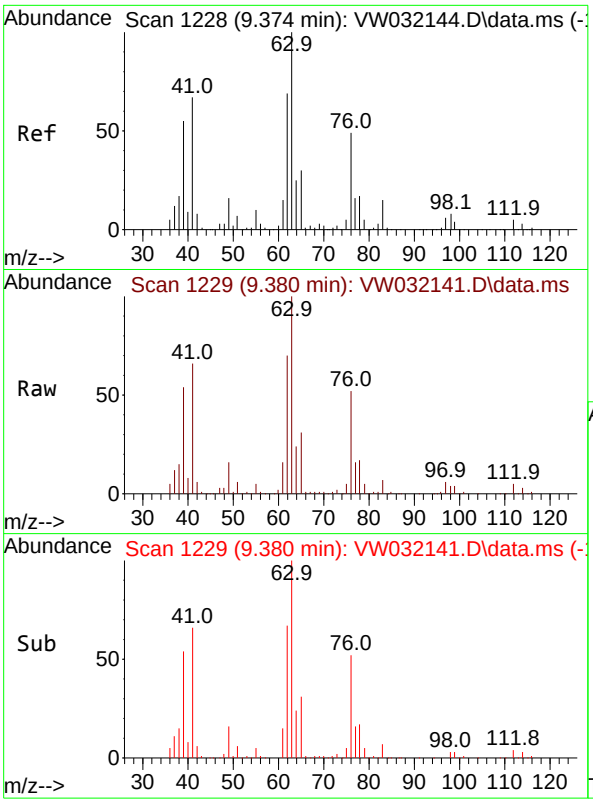


#44
Trichloroethene
Concen: 97.081 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:130 Resp: 253041

Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	220.0

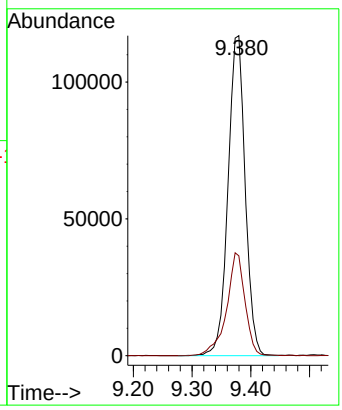




#45
1,2-Dichloropropane
Concen: 95.155 ug/l
RT: 9.380 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 63 Resp: 23774

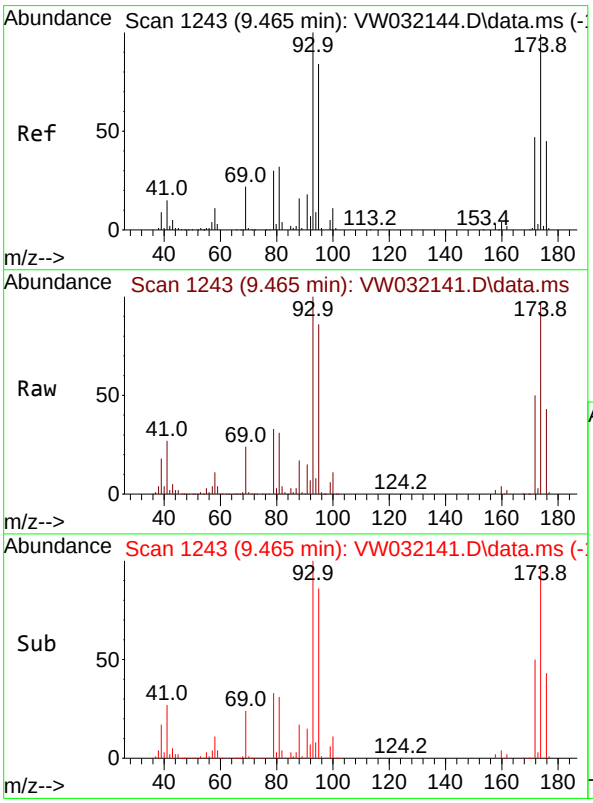
Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

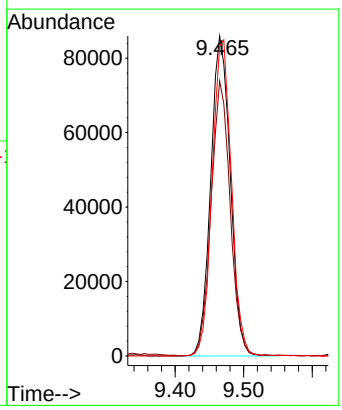
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

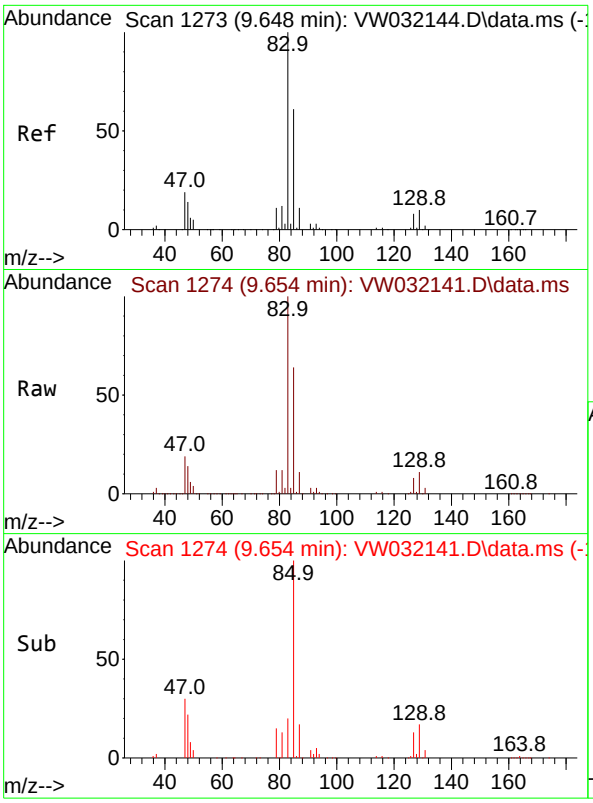


#46
Dibromomethane
Concen: 97.506 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 93 Resp: 170875

Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.4	101.2
174	96.8	75.7	113.5

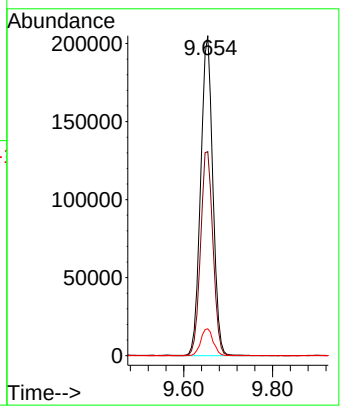




#47
Bromodichloromethane
Concen: 98.293 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 83 Resp: 39144

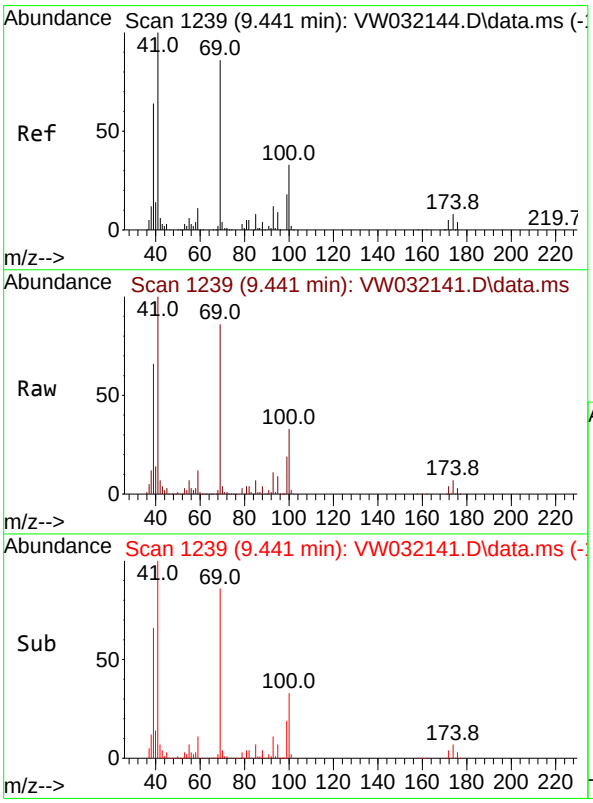
Ion	Ratio	Lower	Upper
83	100		
85	63.8	48.7	73.1
127	8.4	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

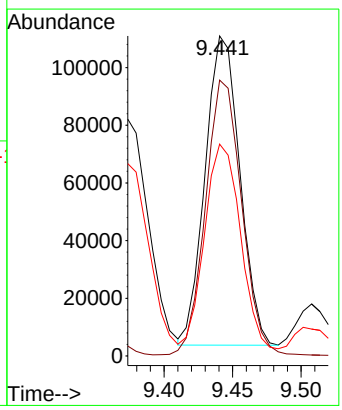
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

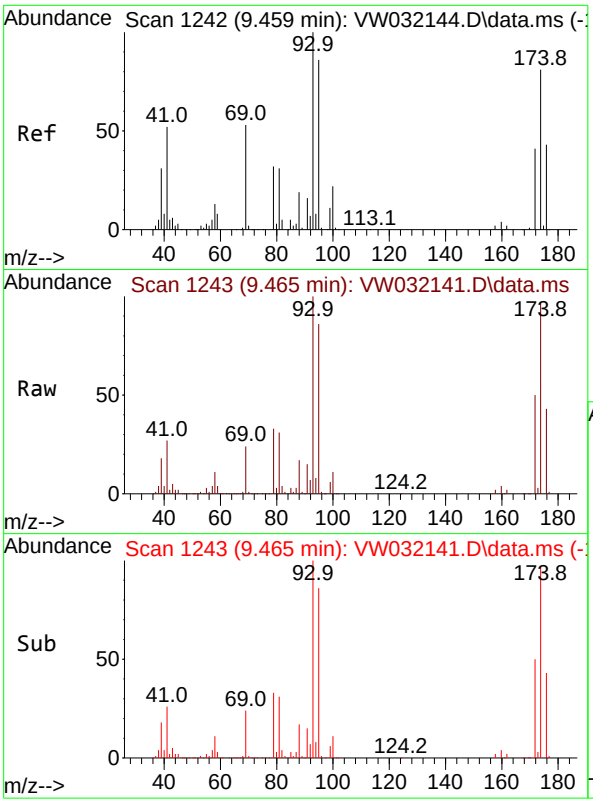


#48
Methyl methacrylate
Concen: 108.864 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 41 Resp: 189315

Ion	Ratio	Lower	Upper
41	100		
69	93.3	71.5	107.3
39	73.0	55.9	83.9

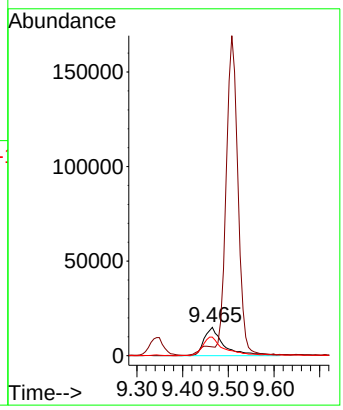




#49
1,4-Dioxane
Concen: 2121.836 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 88 Resp: 4492

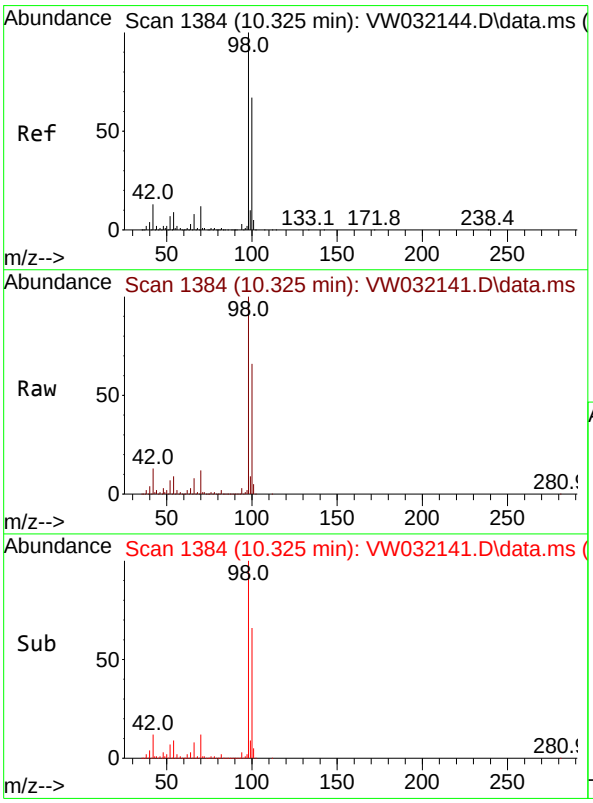
Ion	Ratio	Lower	Upper
88	100		
43	22.2	18.0	27.0
58	70.2	55.4	83.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

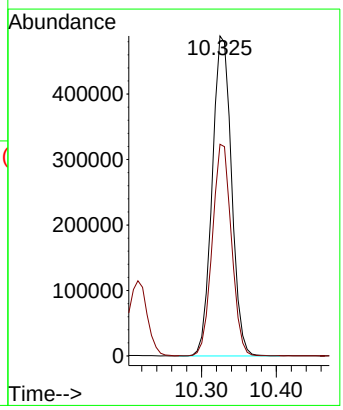
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

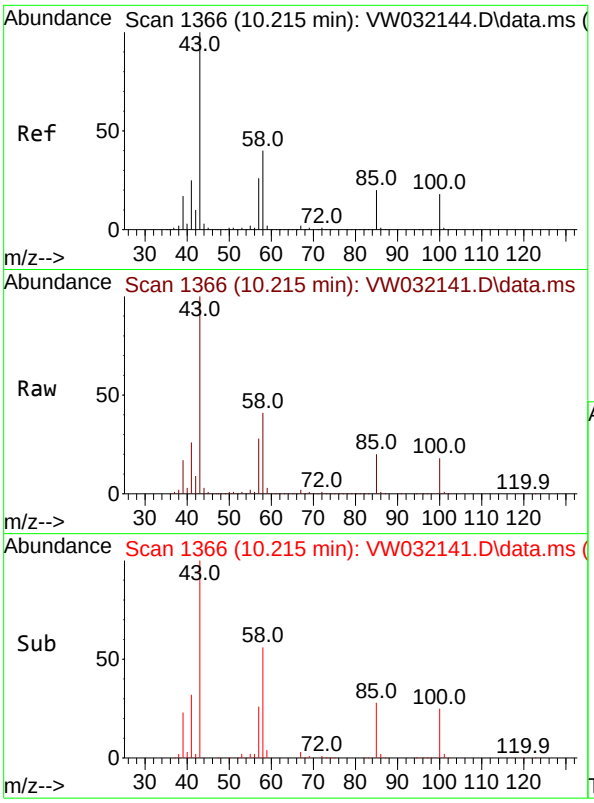


#50
Toluene-d8
Concen: 96.743 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 98 Resp: 878263

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.4	77.2

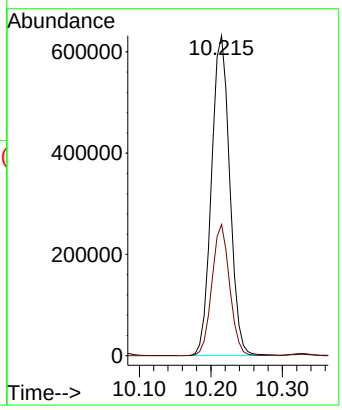




#51
4-Methyl-2-Pentanone
Concen: 525.549 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 111979

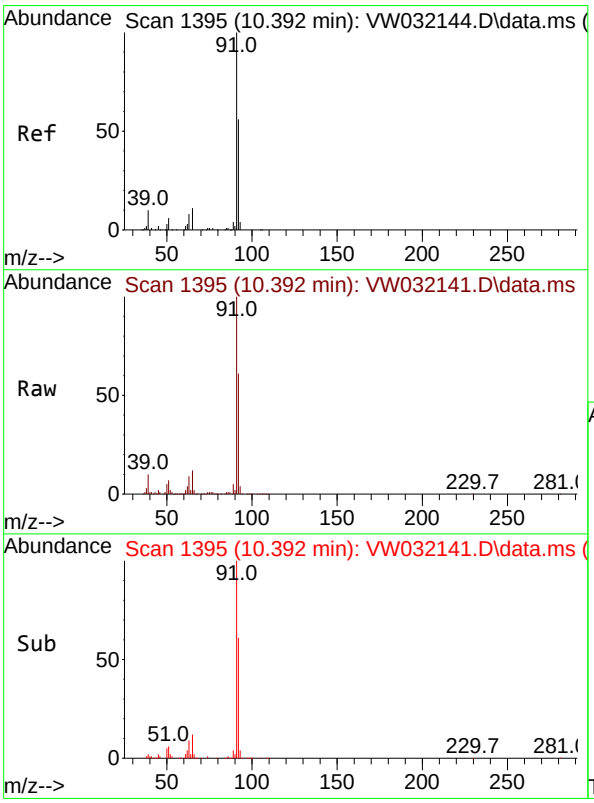
Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.0	48.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

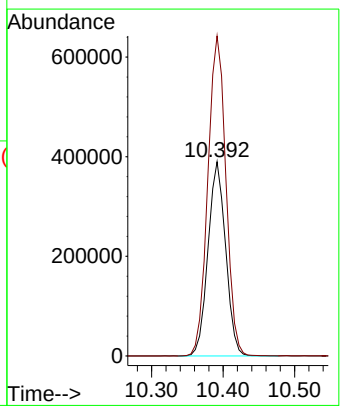
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

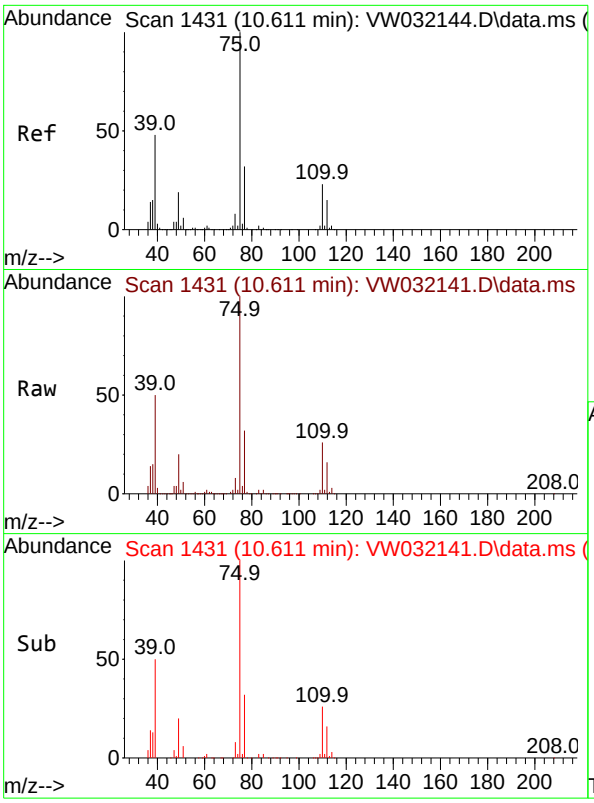


#52
Toluene
Concen: 98.198 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 92 Resp: 665096

Ion	Ratio	Lower	Upper
92	100		
91	169.4	137.5	206.3

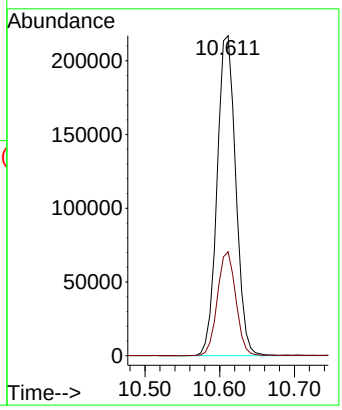




#53
t-1,3-Dichloropropene
Concen: 107.262 ug/l
RT: 10.611 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 37682

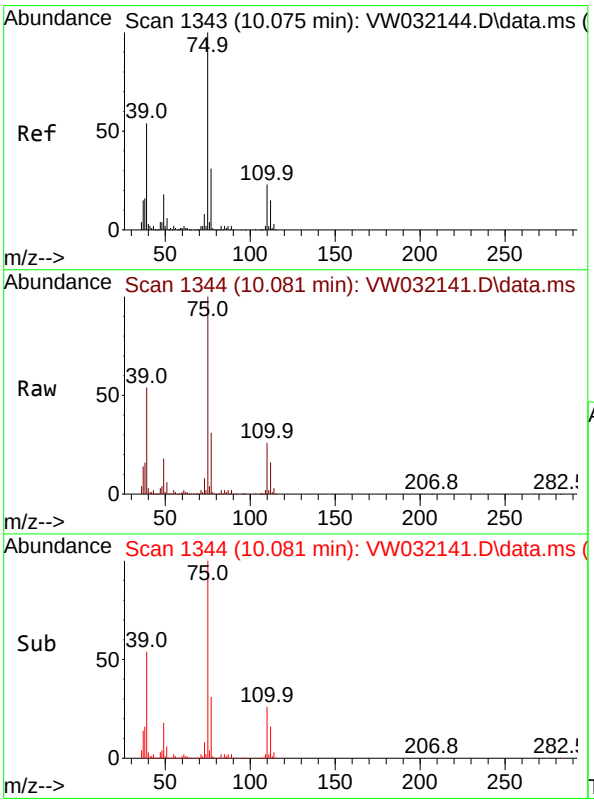
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.6	38.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

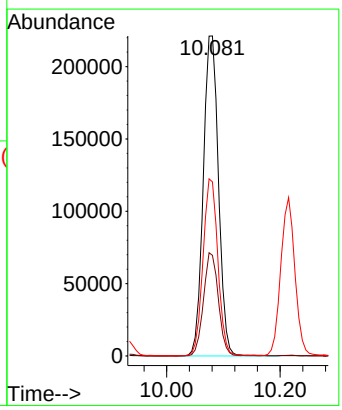
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

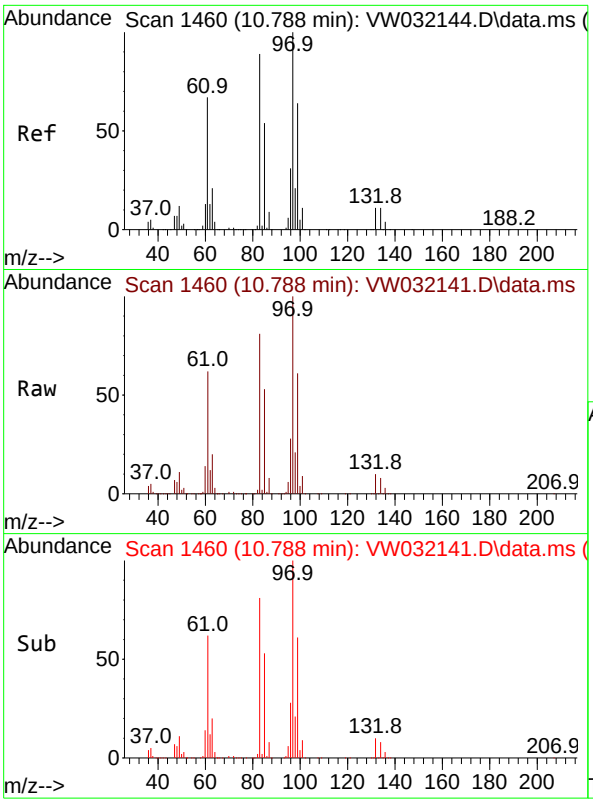


#54
cis-1,3-Dichloropropene
Concen: 102.767 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 411952

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	54.3	43.2	64.8

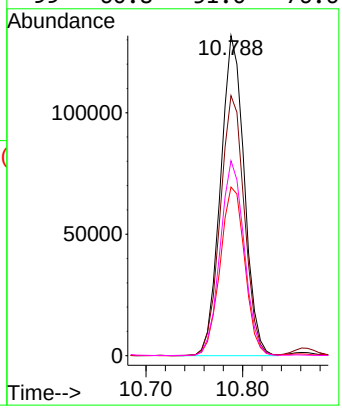




#55
1,1,2-Trichloroethane
Concen: 98.537 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 97 Resp: 22454

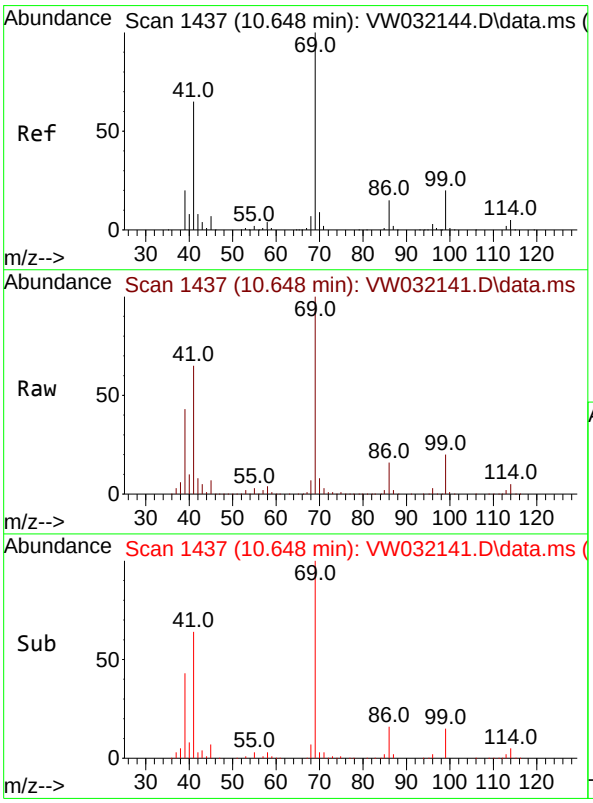
Ion	Ratio	Lower	Upper
97	100		
83	81.2	71.0	106.6
85	52.7	42.8	64.2
99	60.8	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

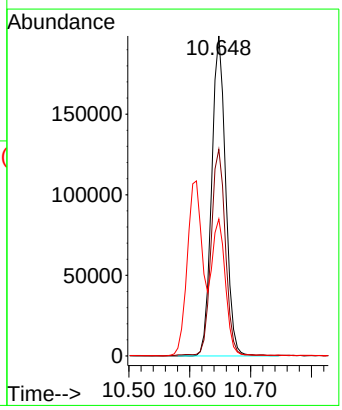
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

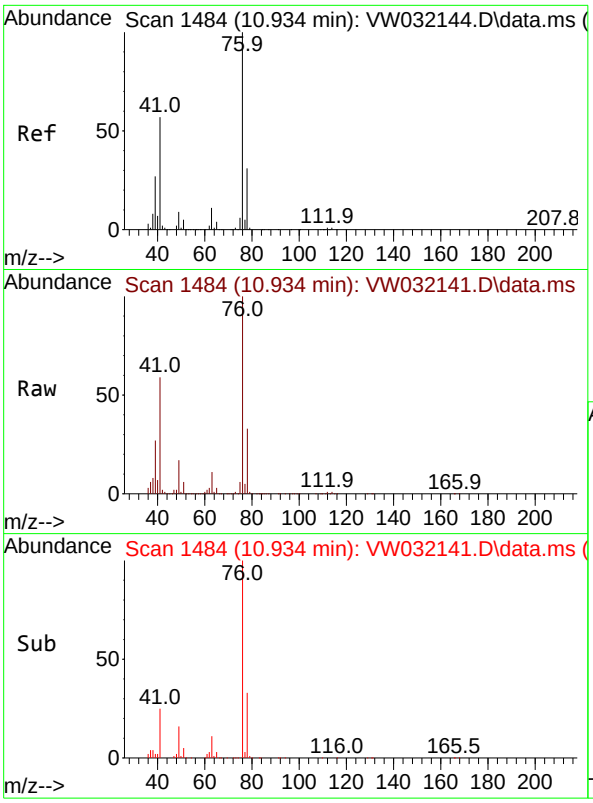


#56
Ethyl methacrylate
Concen: 108.371 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 69 Resp: 315727

Ion	Ratio	Lower	Upper
69	100		
41	66.1	53.2	79.8
39	40.6	32.9	49.3

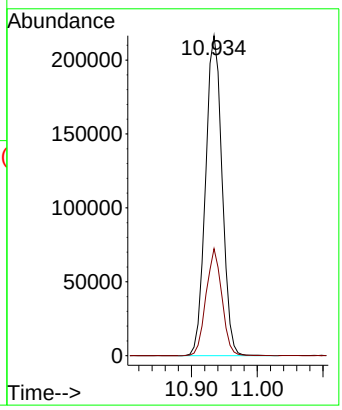




#57
1,3-Dichloropropane
Concen: 99.362 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 76 Resp: 37913

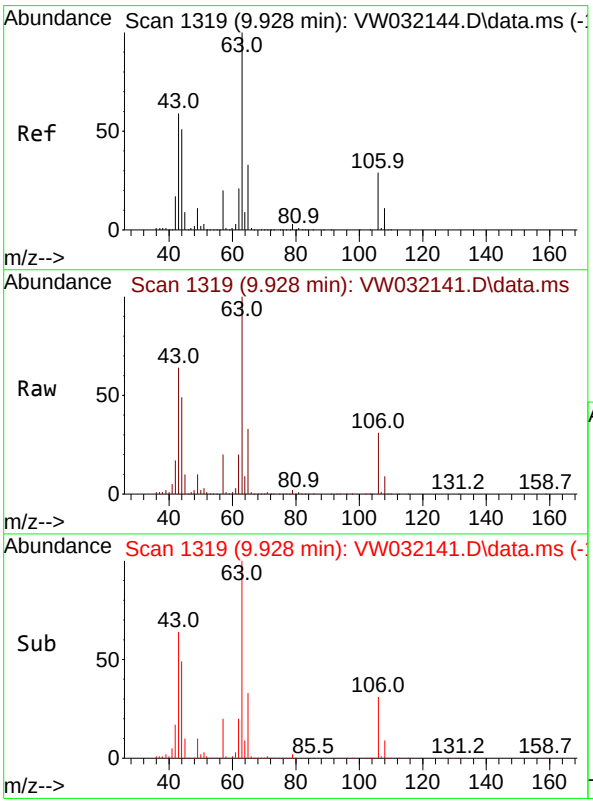
Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

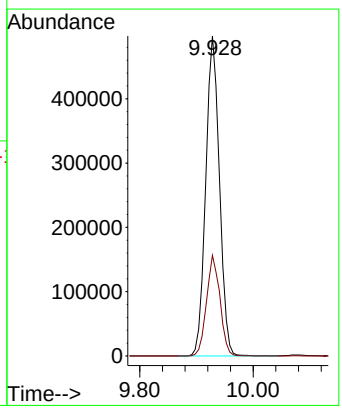
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

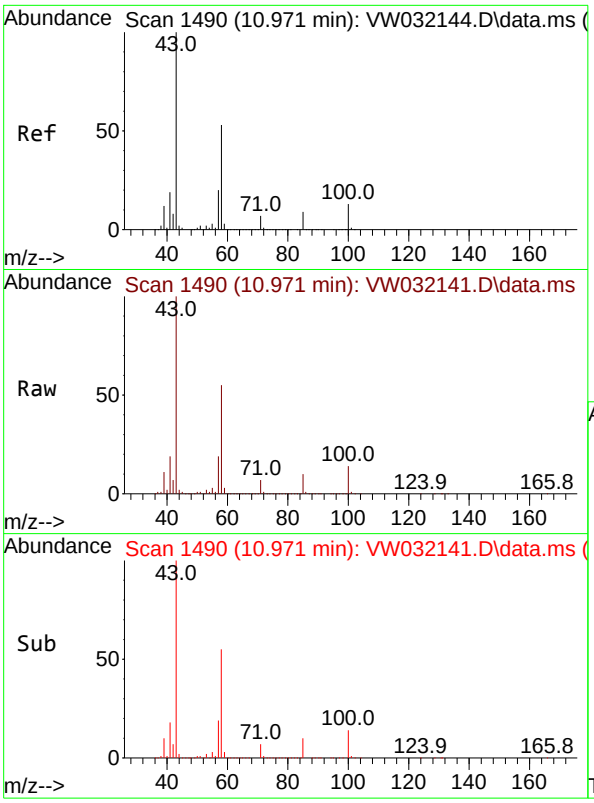


#58
2-Chloroethyl Vinyl ether
Concen: 537.045 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 63 Resp: 835126

Ion	Ratio	Lower	Upper
63	100		
106	30.8	24.3	36.5

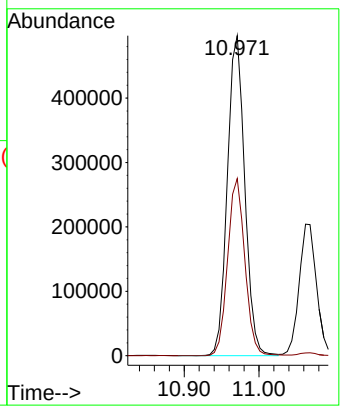




#59
2-Hexanone
Concen: 542.911 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 80451

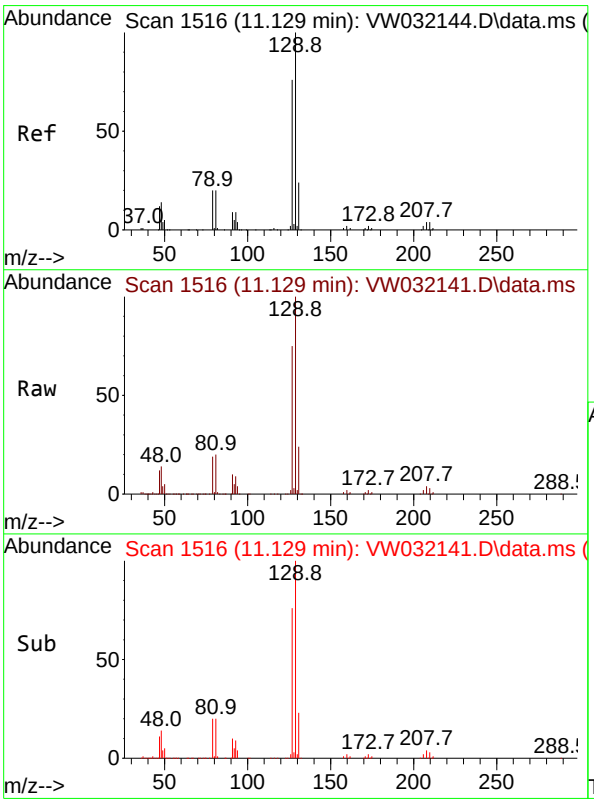
Ion	Ratio	Lower	Upper
43	100		
58	54.9	27.5	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

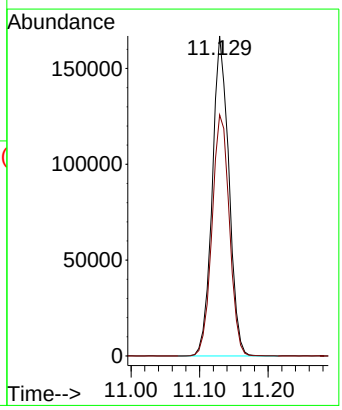
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

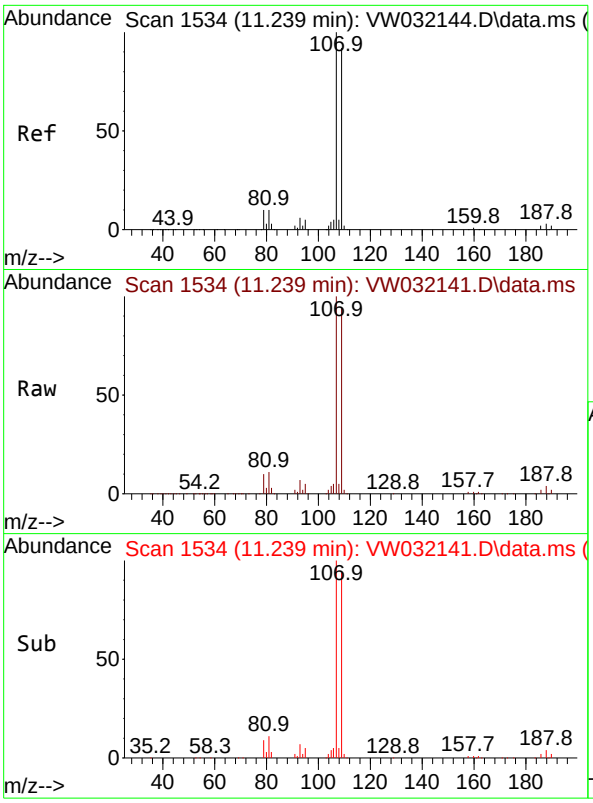


#60
Dibromochloromethane
Concen: 101.529 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:129 Resp: 279965

Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.1	114.5

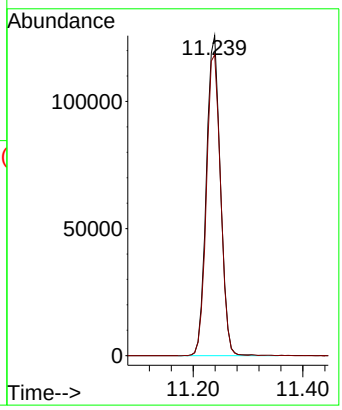




#61
1,2-Dibromoethane
Concen: 99.277 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:107 Resp: 22247

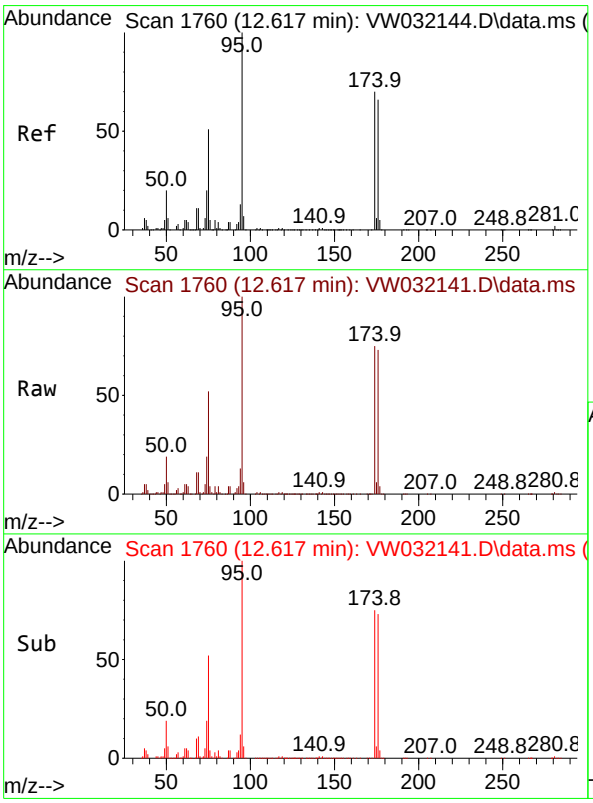
Ion	Ratio	Lower	Upper
107	100		
109	95.2	74.5	111.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

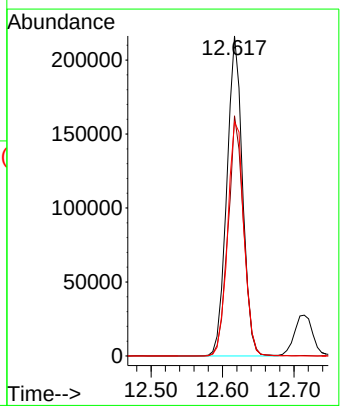
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

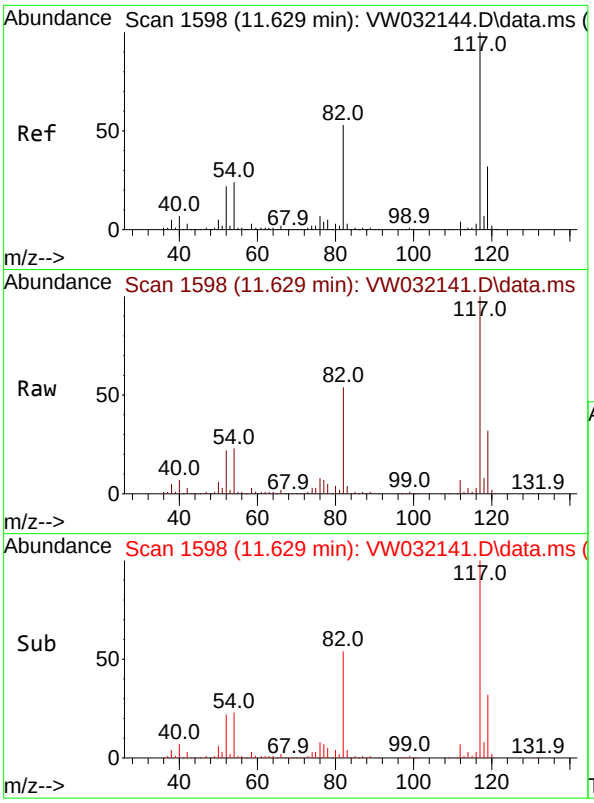


#62
4-Bromofluorobenzene
Concen: 98.087 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 95 Resp: 329277

Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	145.6
176	76.0	0.0	140.8

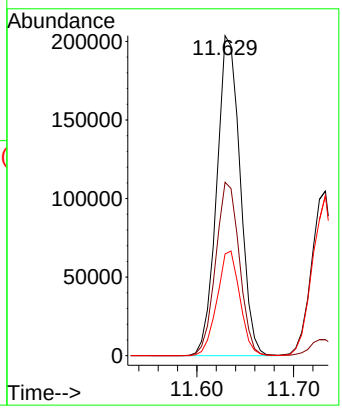




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:117 Resp: 34167

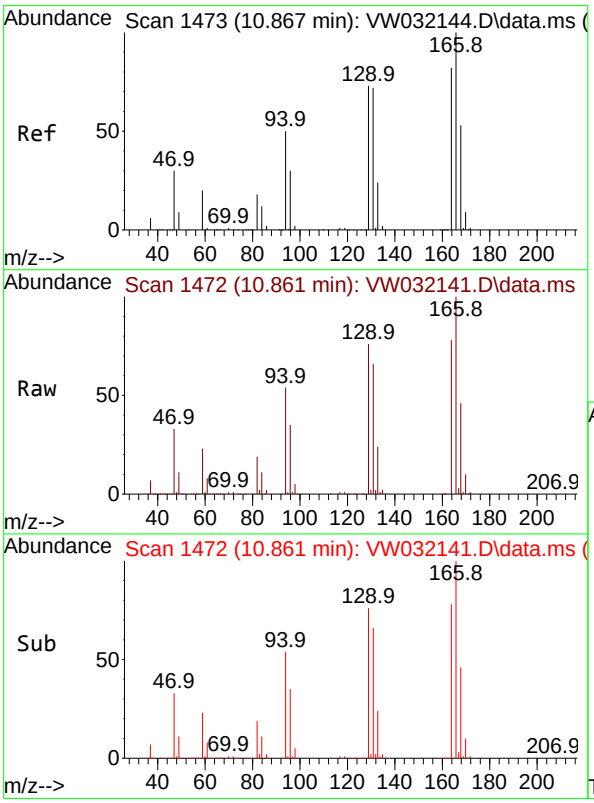
Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.7	64.1
119	31.8	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

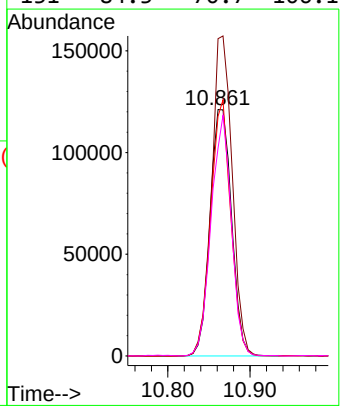
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

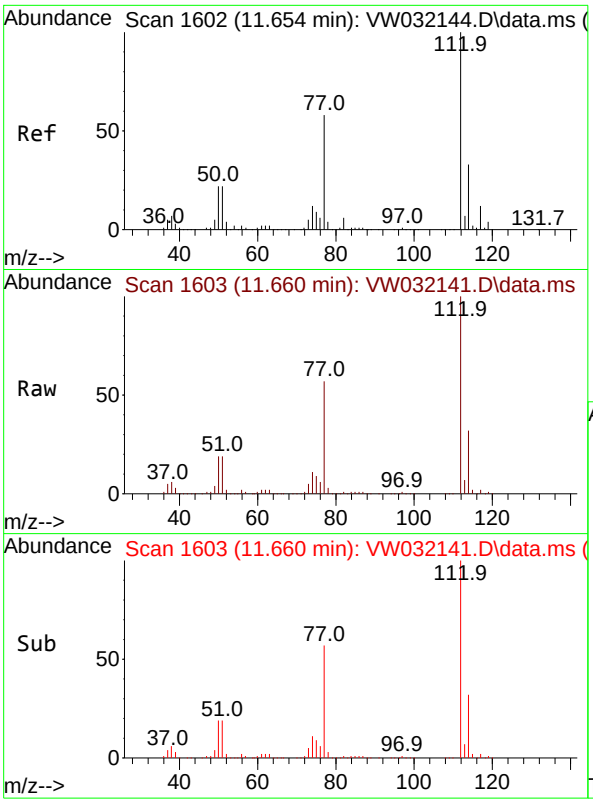


#64
Tetrachloroethene
Concen: 97.772 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:164 Resp: 219868

Ion	Ratio	Lower	Upper
164	100		
166	128.8	97.5	146.3
129	97.3	71.2	106.8
131	84.3	70.7	106.1

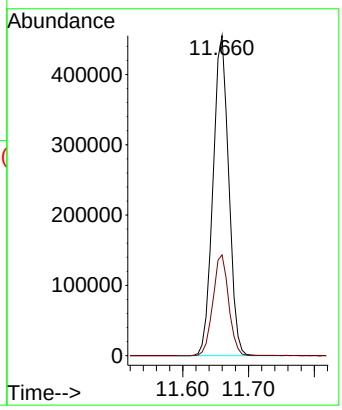




#65
Chlorobenzene
Concen: 97.233 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:112 Resp: 75618

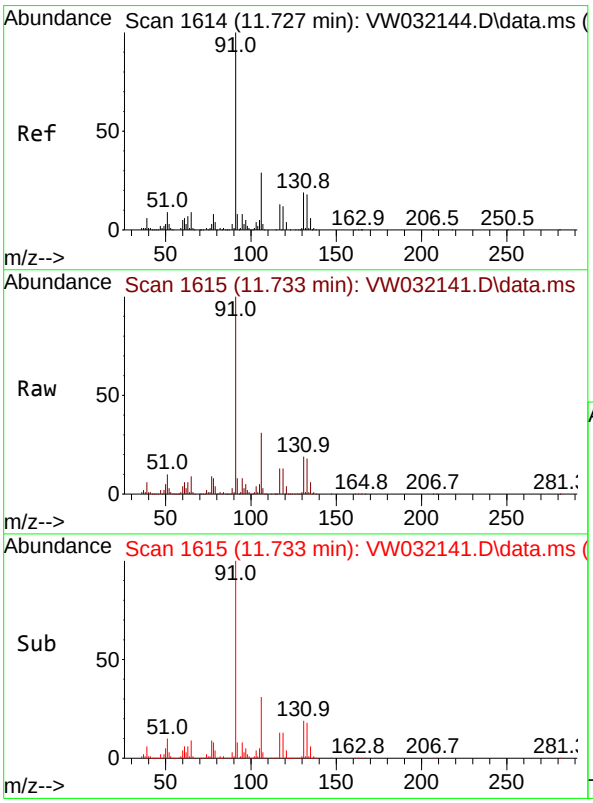
Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

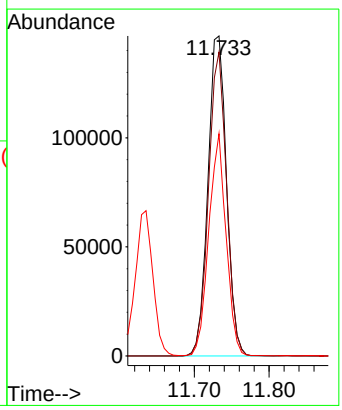
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

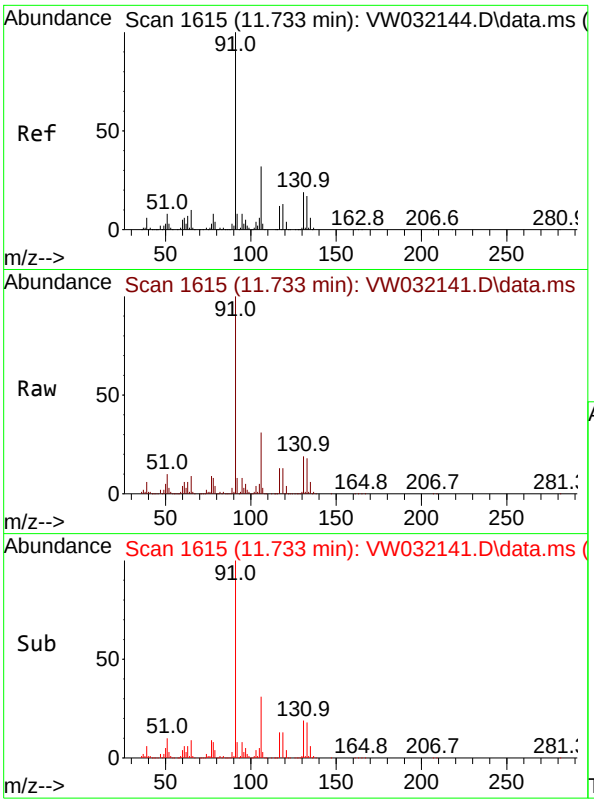


#66
1,1,1,2-Tetrachloroethane
Concen: 98.889 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:131 Resp: 253198

Ion	Ratio	Lower	Upper
131	100		
133	92.6	47.7	143.1
119	64.8	32.8	98.3





#67
Ethyl Benzene
Concen: 100.837 ug/l
RT: 11.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

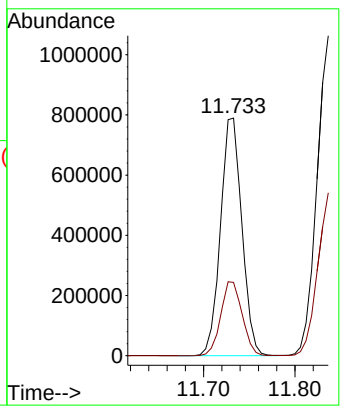
Tgt Ion: 91 Resp: 128487

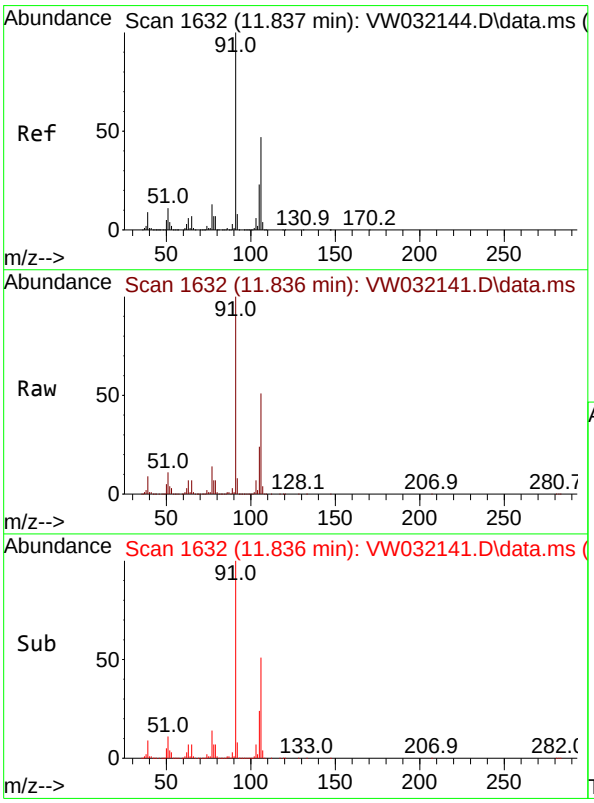
Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.3	37.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

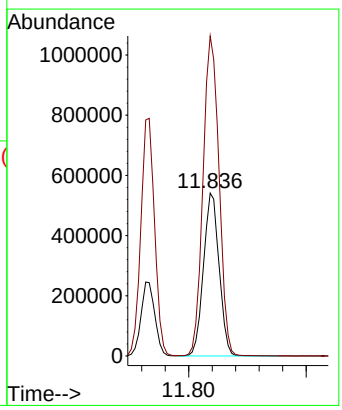


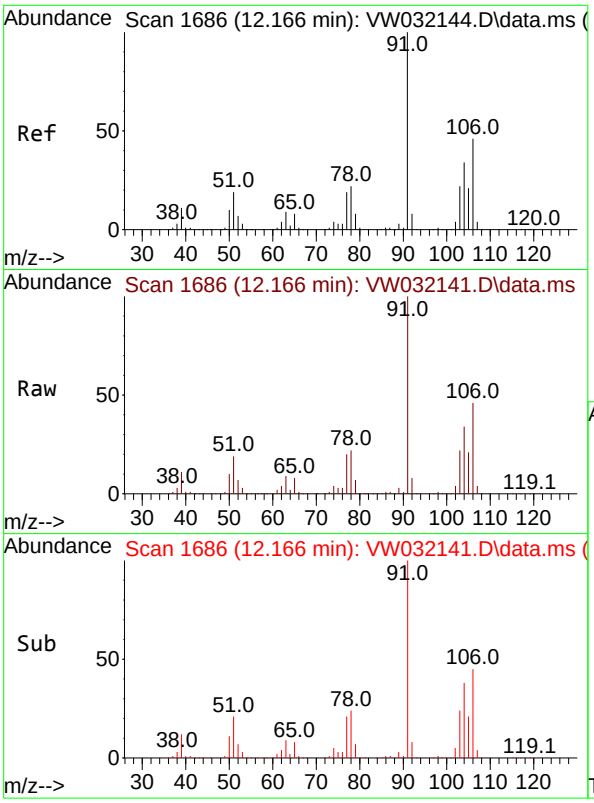


#68
m/p-Xylenes
Concen: 203.463 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:106 Resp: 997778

Ion	Ratio	Lower	Upper
106	100		
91	201.7	164.2	246.2

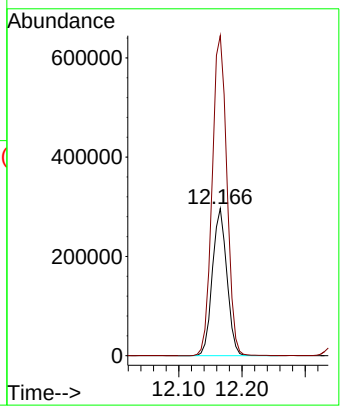




#69
o-Xylene
Concen: 101.336 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:106 Resp: 47006

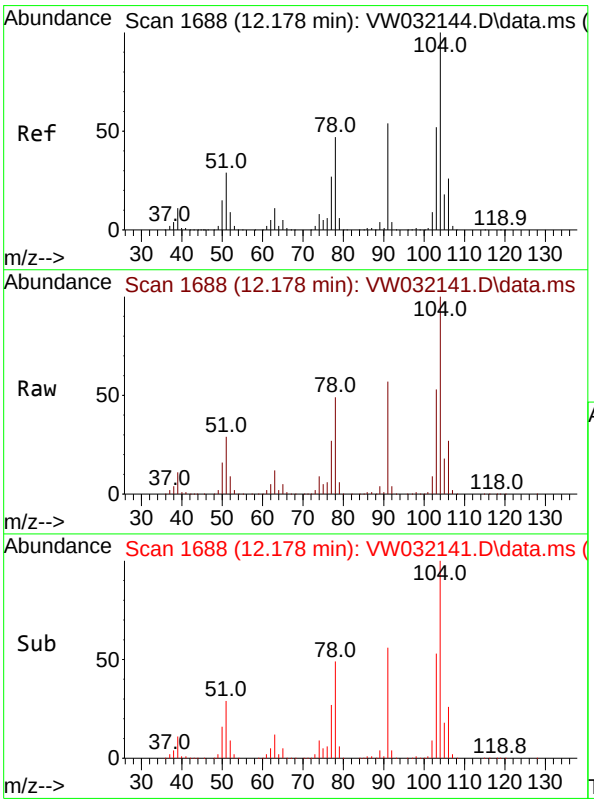
Ion	Ratio	Lower	Upper
106	100		
91	221.8	108.7	326.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

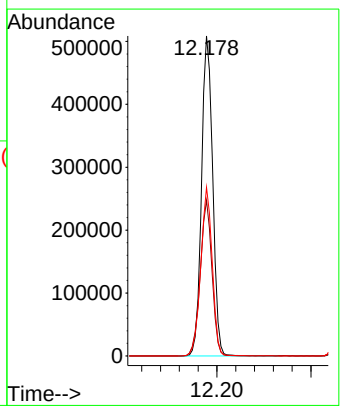
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

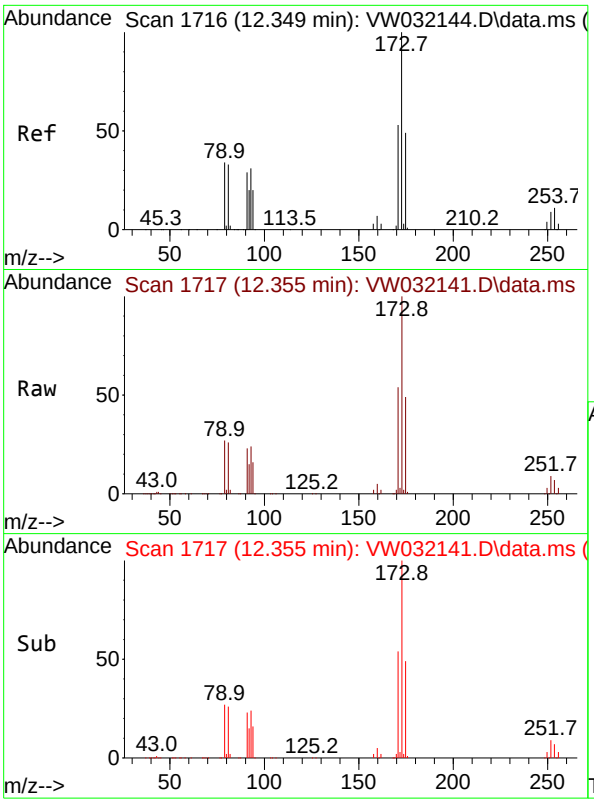


#70
Styrene
Concen: 102.182 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:104 Resp: 835536

Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.6	62.4
103	54.4	44.8	67.2

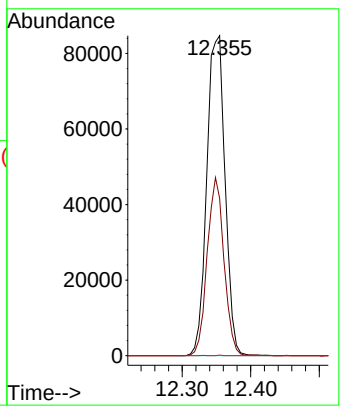




#71
Bromoform
Concen: 103.138 ug/l
RT: 12.355 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:173 Resp: 15684

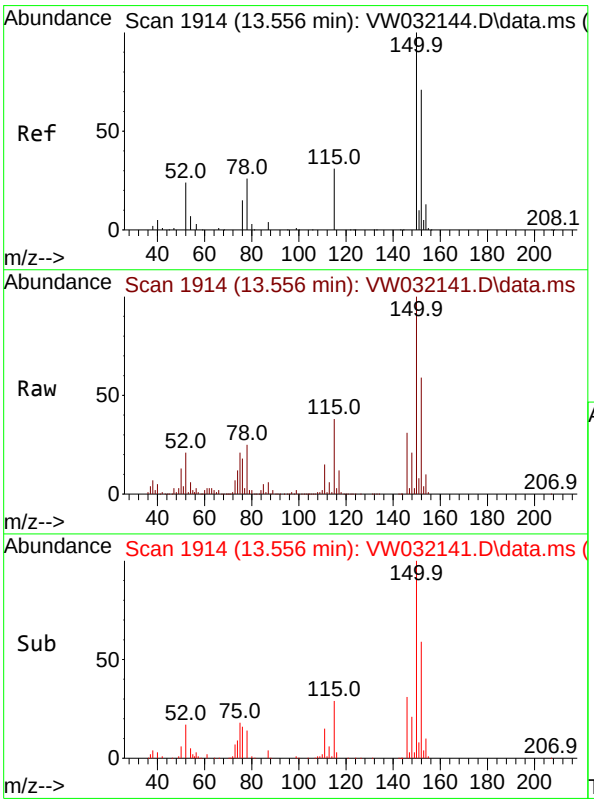
Ion	Ratio	Lower	Upper
173	100		
175	51.2	24.9	74.7
254	0.0	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

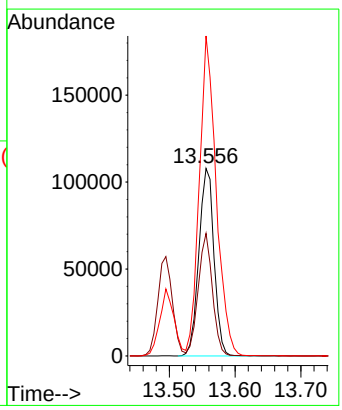
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

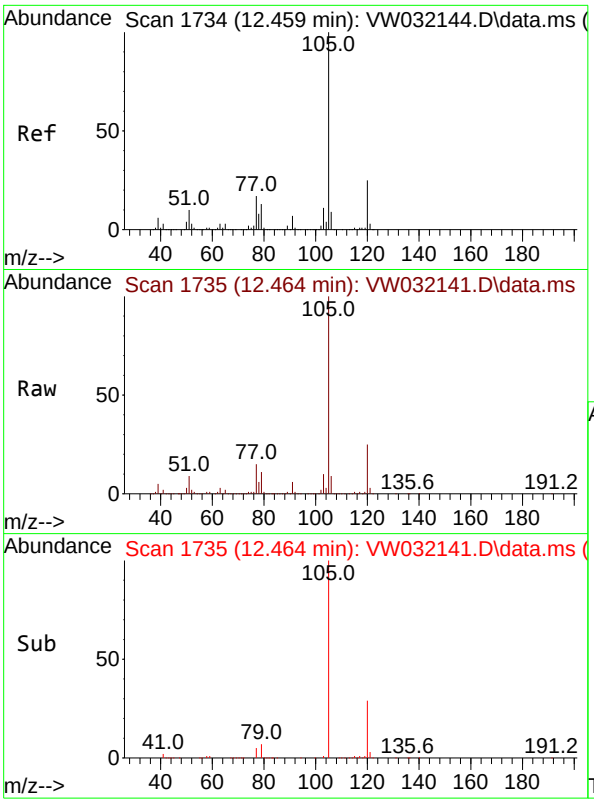


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:152 Resp: 172801

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.8	95.4
150	189.9	0.0	343.0

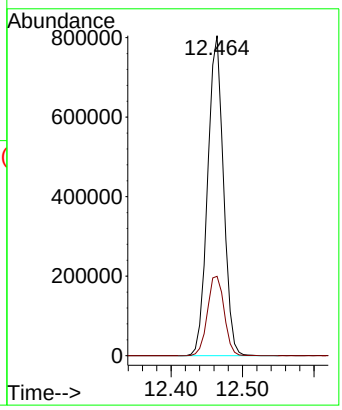




#73
Isopropylbenzene
Concen: 105.088 ug/l
RT: 12.464 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:105 Resp: 123368

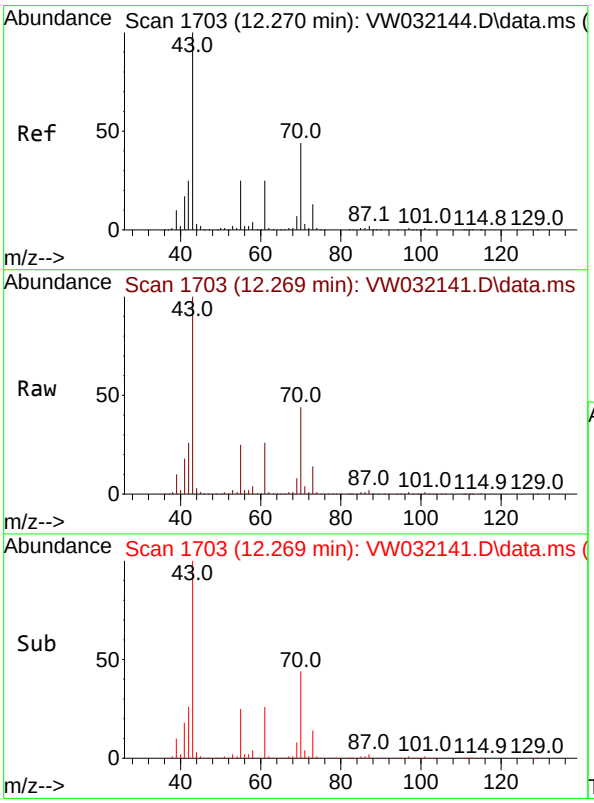
Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.0	38.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

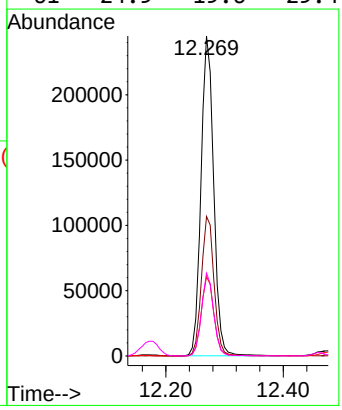
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

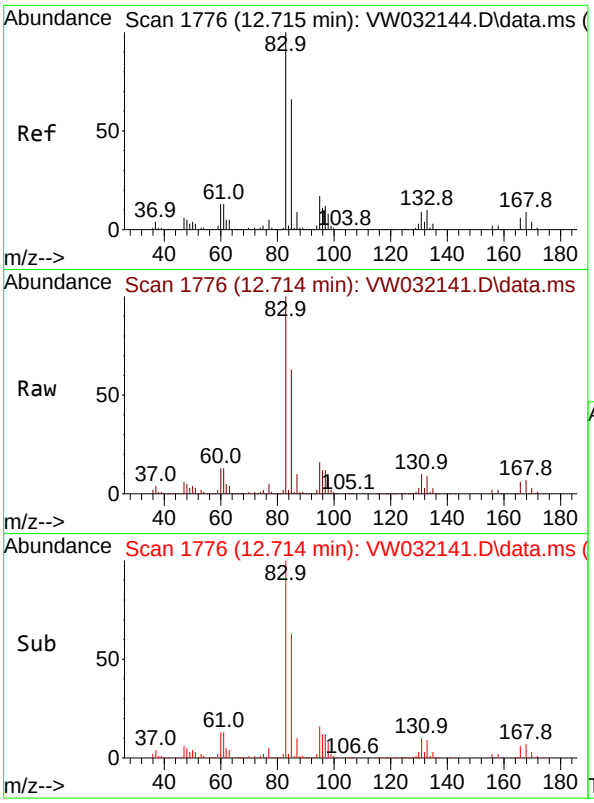


#74
N-amyl acetate
Concen: 107.554 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 43 Resp: 366581

Ion	Ratio	Lower	Upper
43	100		
70	43.7	35.3	52.9
55	25.0	19.9	29.9
61	24.9	19.6	29.4

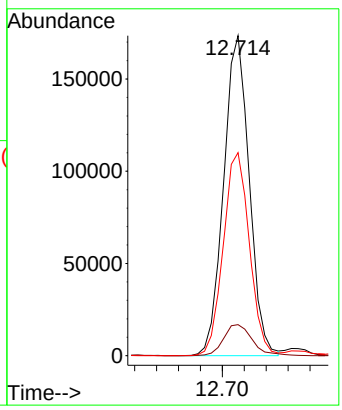




#75
1,1,2,2-Tetrachloroethane
Concen: 100.818 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 83 Resp: 28127

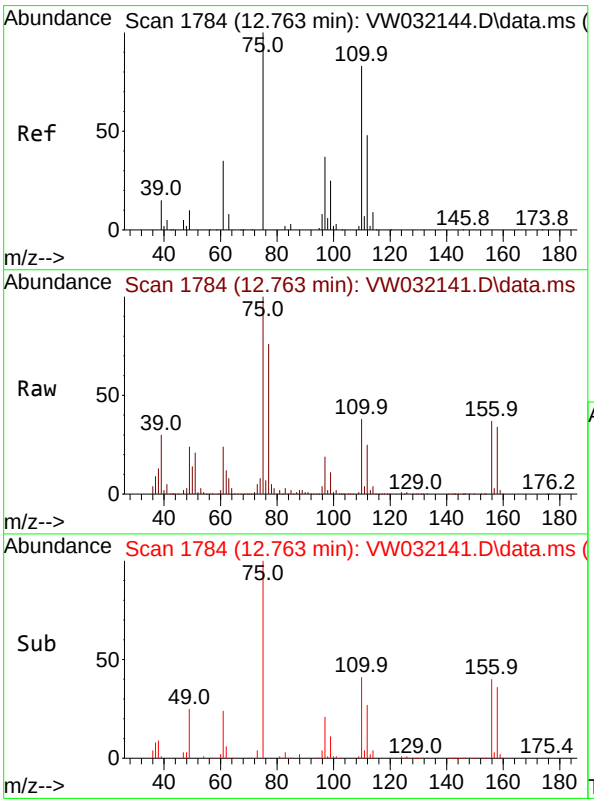
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.1	15.4
85	64.8	32.2	96.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

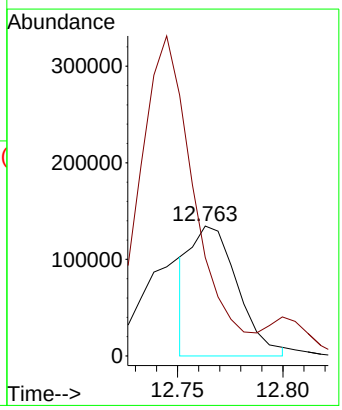
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

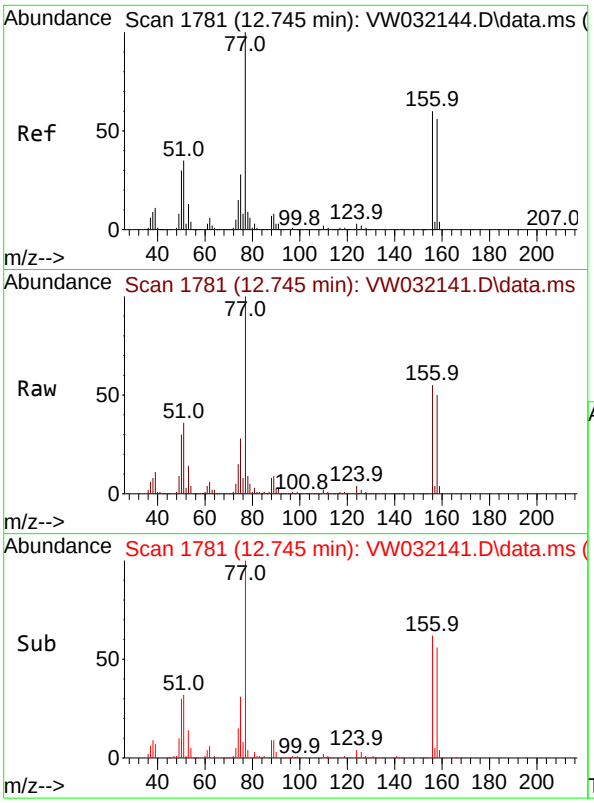


#76
1,2,3-Trichloropropane
Concen: 93.254 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 208647

Ion	Ratio	Lower	Upper
75	100		
77	290.0	141.7	425.1

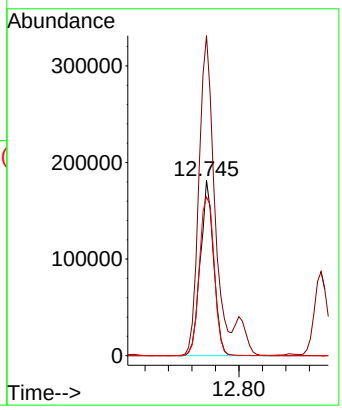




#77
Bromobenzene
Concen: 95.259 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:156 Resp: 28517

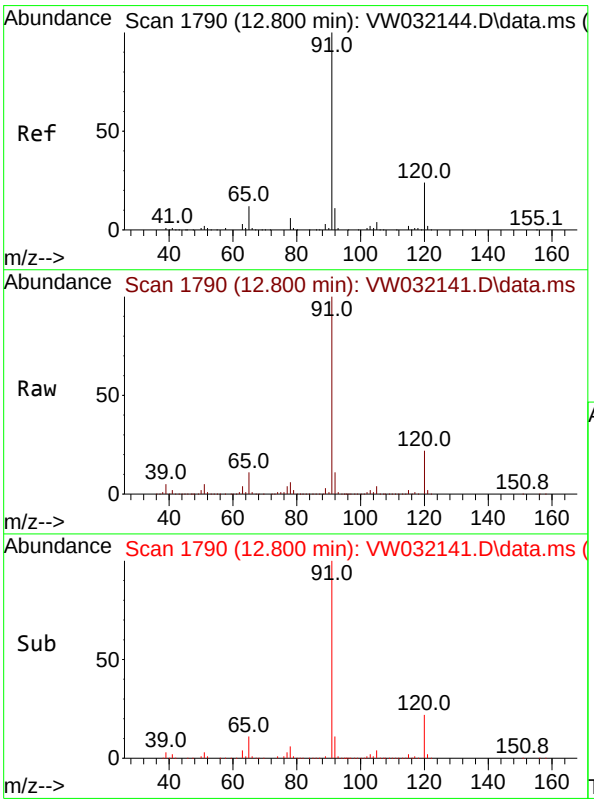
Ion	Ratio	Lower	Upper
156	100		
77	212.2	98.6	295.7
158	101.2	48.4	145.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

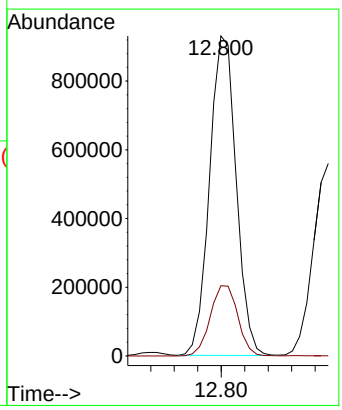
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

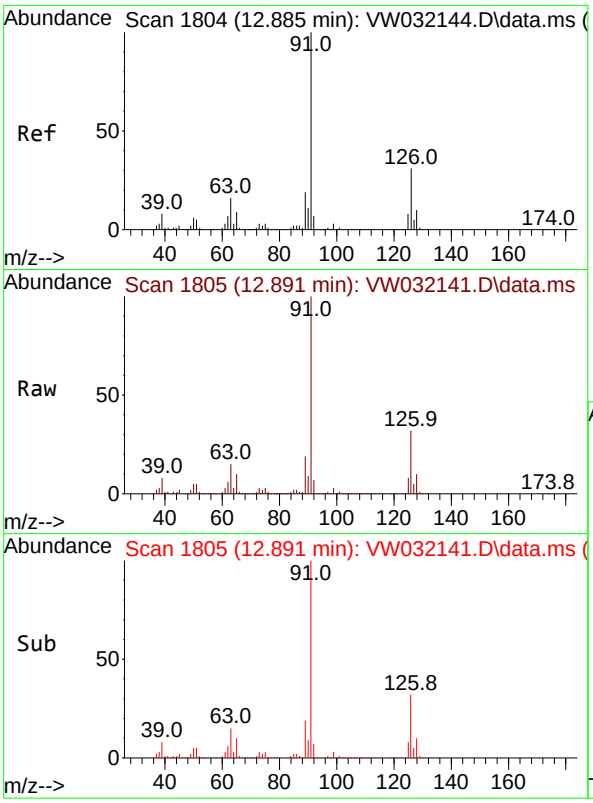


#78
n-propylbenzene
Concen: 102.772 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 91 Resp: 1464769

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.8	35.4

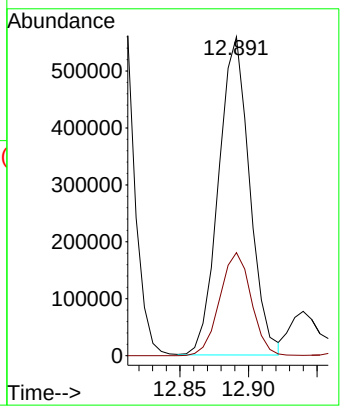




#79
2-Chlorotoluene
Concen: 101.206 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 91 Resp: 88207

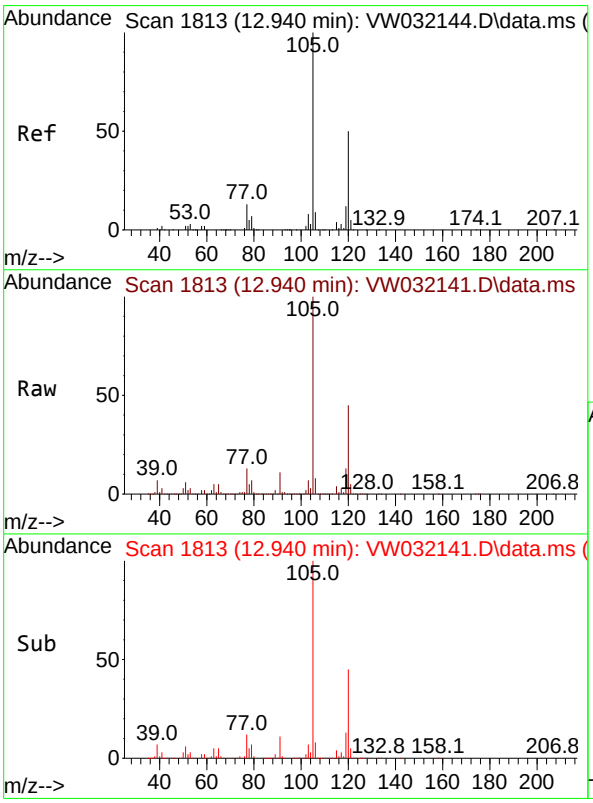
Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.6	49.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

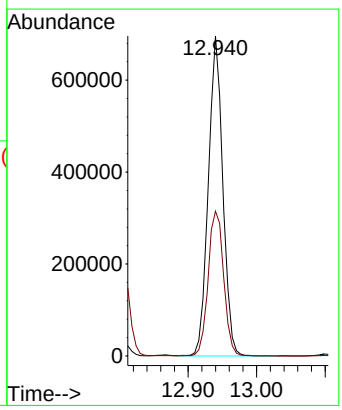
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

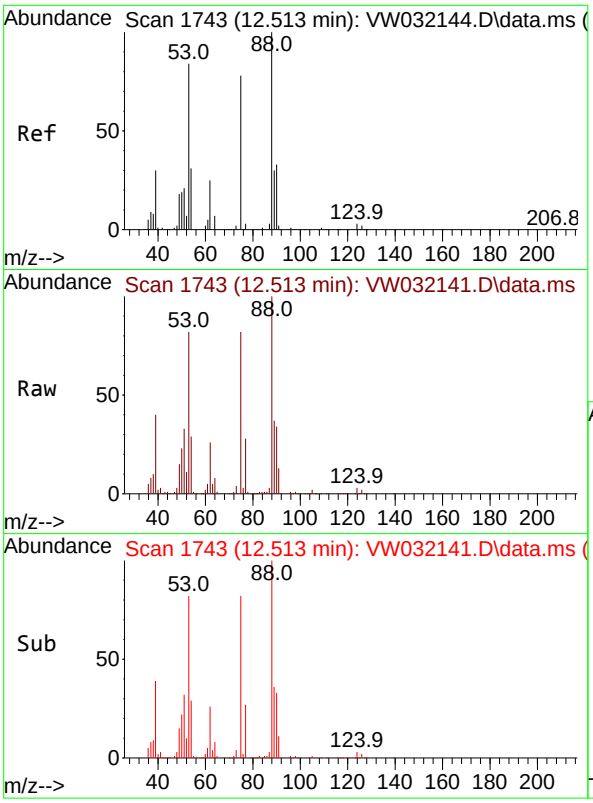


#80
1,3,5-Trimethylbenzene
Concen: 103.191 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:105 Resp: 1025656

Ion	Ratio	Lower	Upper
105	100		
120	48.5	24.8	74.4

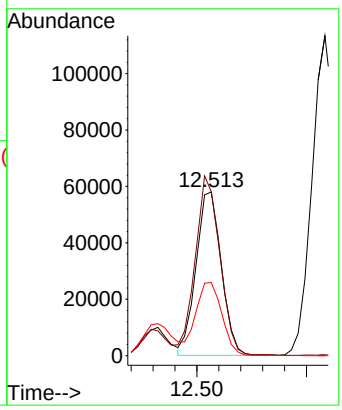




#81
trans-1,4-Dichloro-2-butene
Concen: 115.615 ug/l
RT: 12.513 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 9295

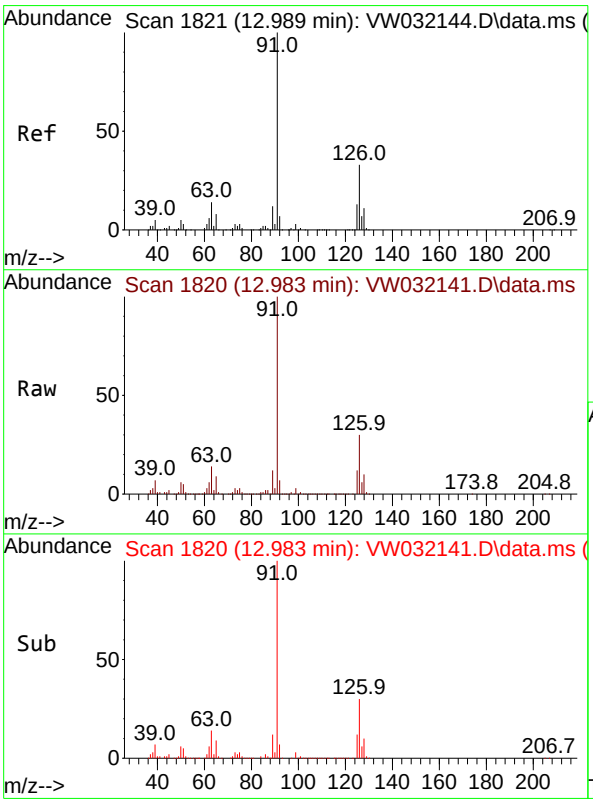
Ion	Ratio	Lower	Upper
75	100		
53	107.9	91.0	136.6
89	45.8	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

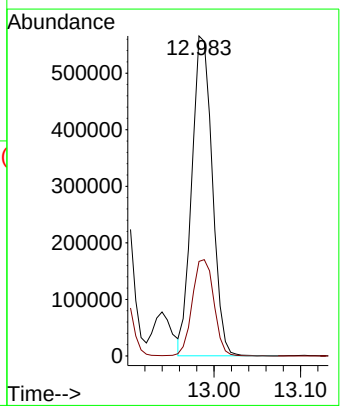
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

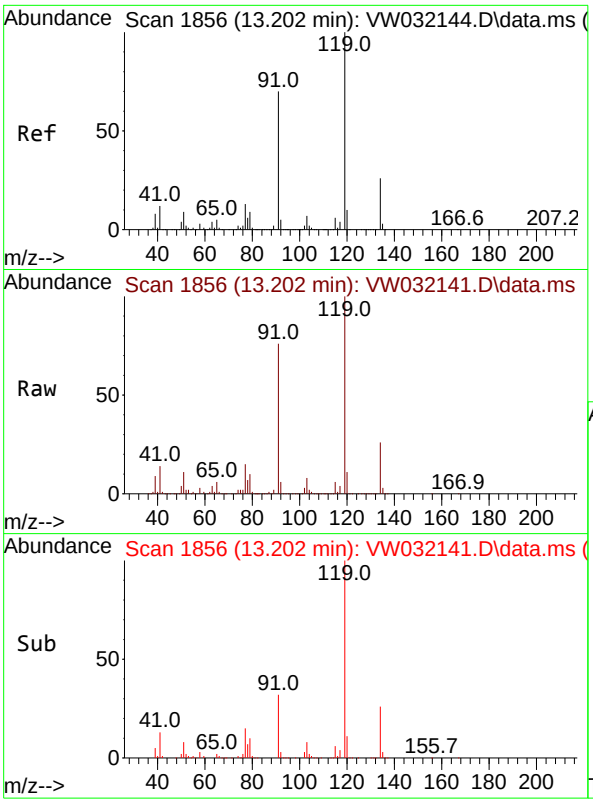


#82
4-Chlorotoluene
Concen: 99.374 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 91 Resp: 927084

Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.1	48.2

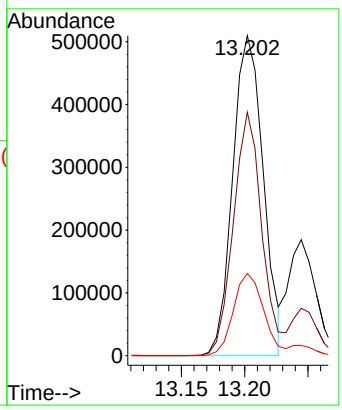




#83
tert-Butylbenzene
Concen: 101.713 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:119 Resp: 85718

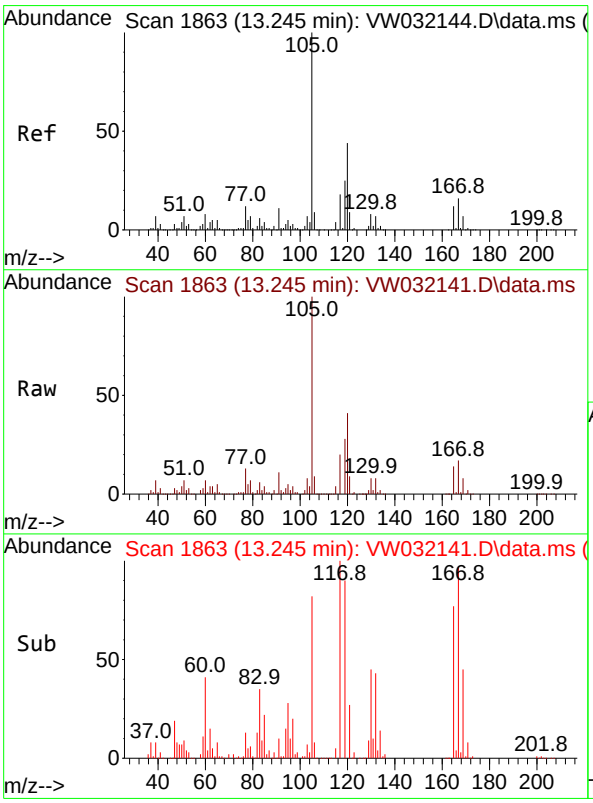
Ion	Ratio	Lower	Upper
119	100		
91	71.5	33.8	101.3
134	25.5	12.5	37.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

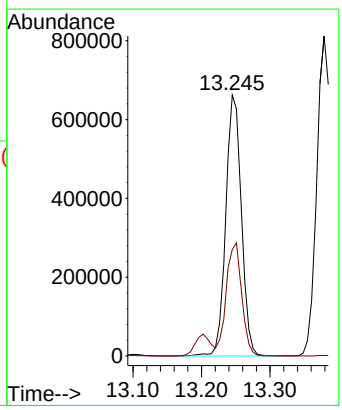
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

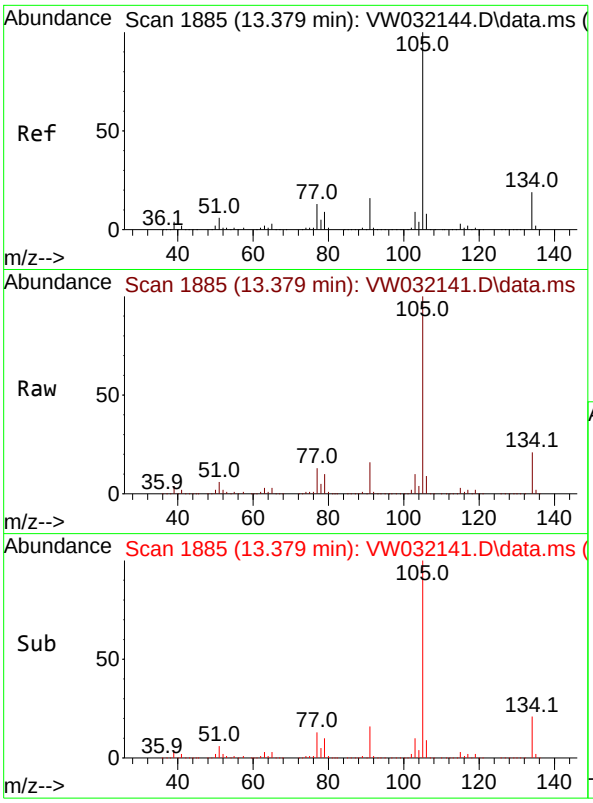


#84
1,2,4-Trimethylbenzene
Concen: 101.643 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:105 Resp: 1045208

Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.1	66.3

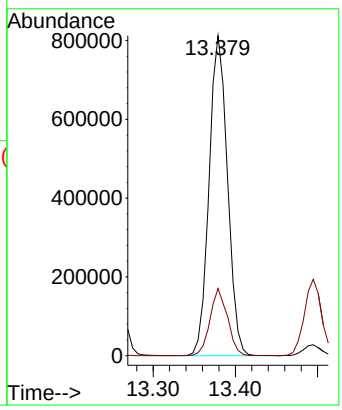




#85
sec-Butylbenzene
Concen: 100.172 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:105 Resp: 126042

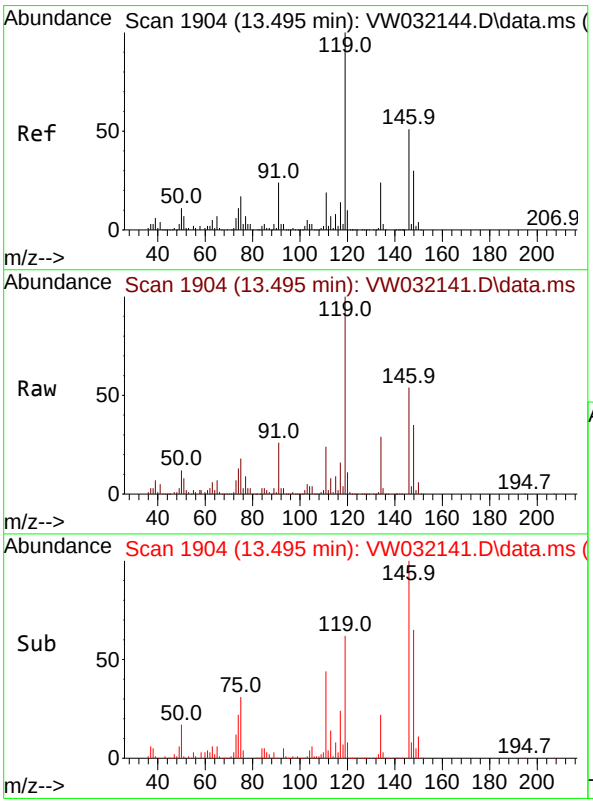
Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

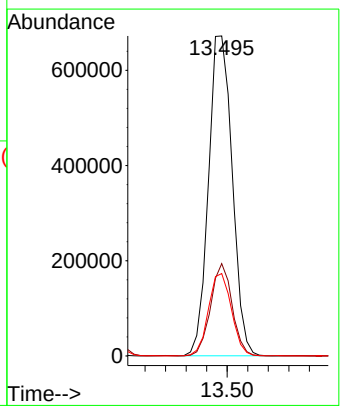
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

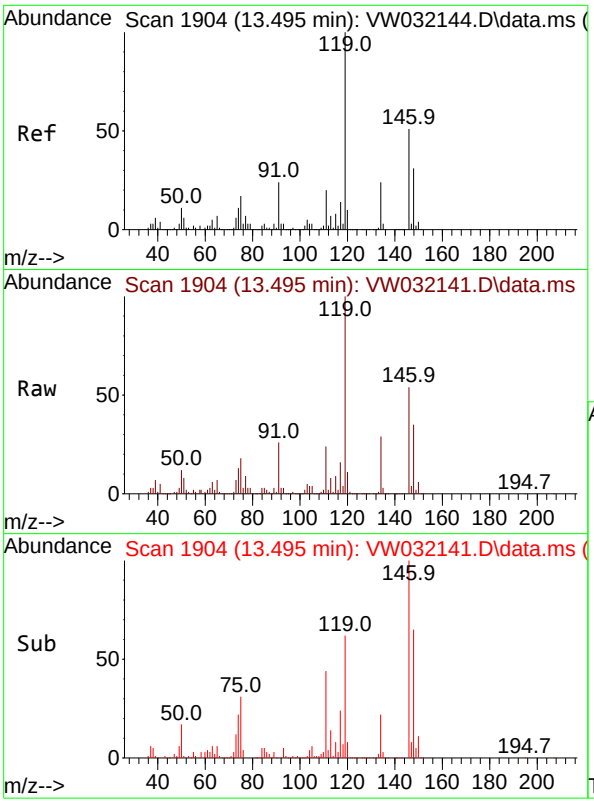


#86
p-Isopropyltoluene
Concen: 100.646 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:119 Resp: 1076959

Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.6
91	24.9	12.4	37.0

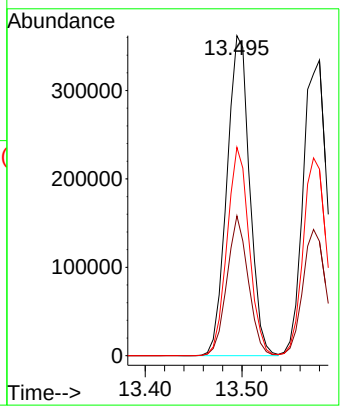




#87
1,3-Dichlorobenzene
Concen: 98.017 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:146 Resp: 59081

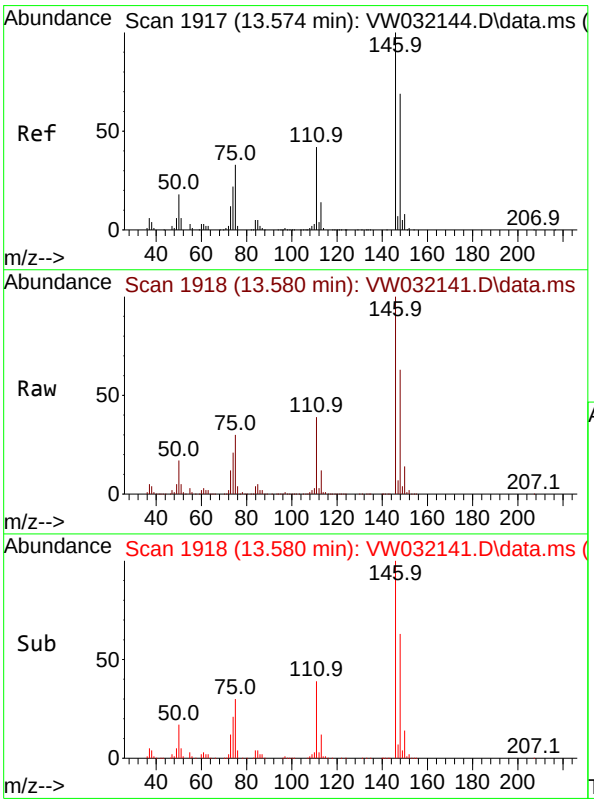
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.9
148	63.4	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

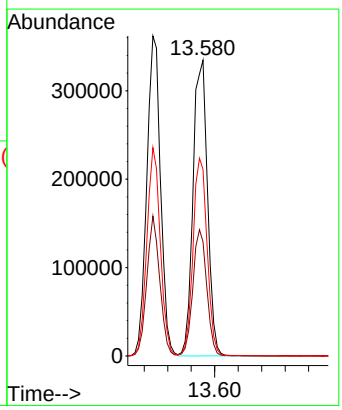
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

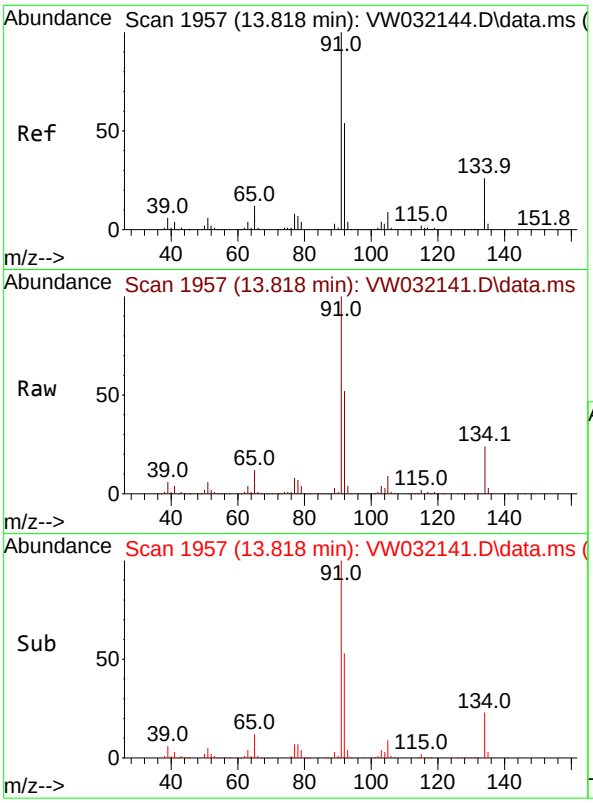


#88
1,4-Dichlorobenzene
Concen: 94.738 ug/l
RT: 13.580 min Scan# 1918
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:146 Resp: 572395

Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	63.7
148	64.8	33.4	100.1

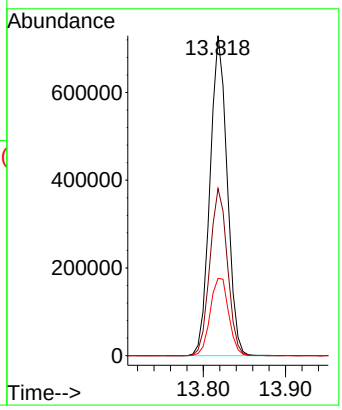




#89
n-Butylbenzene
Concen: 103.710 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 91 Resp: 105801

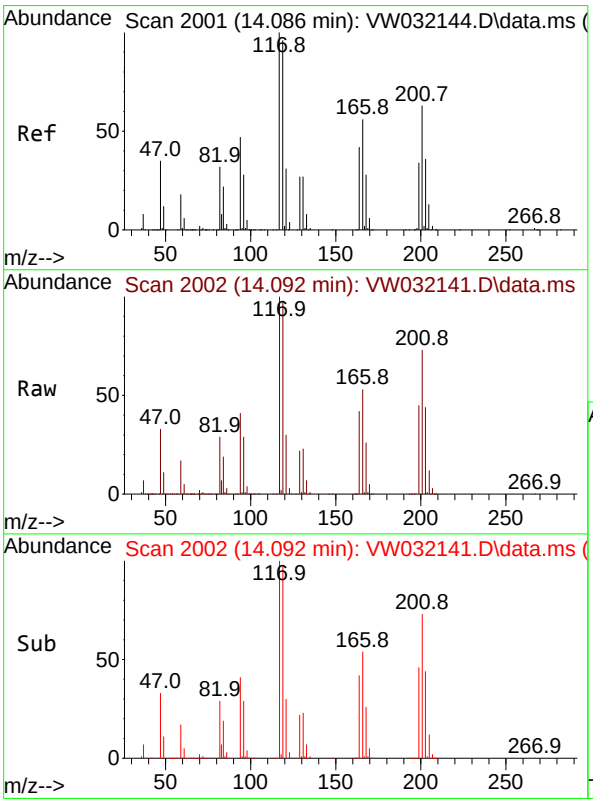
Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.0	81.0
134	26.0	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

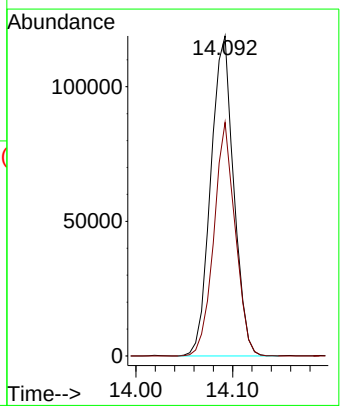
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

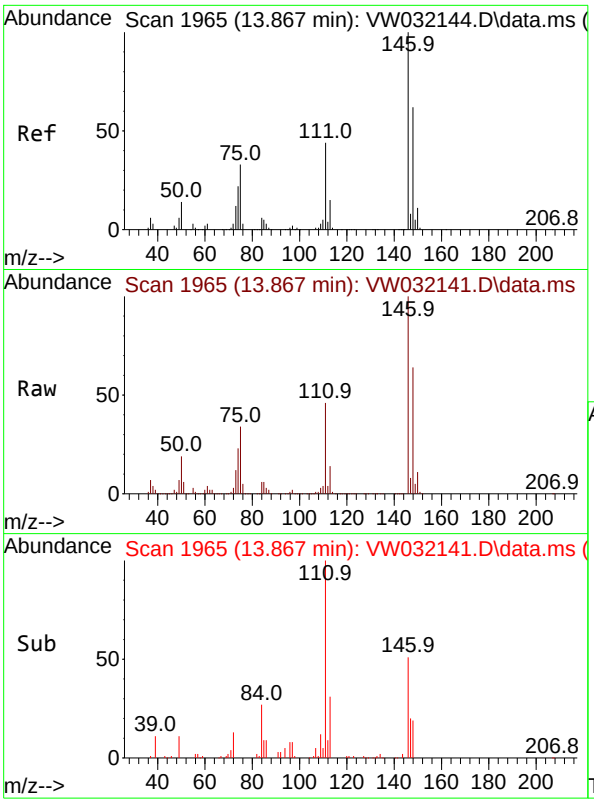


#90
Hexachloroethane
Concen: 99.884 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:117 Resp: 195499

Ion	Ratio	Lower	Upper
117	100		
201	68.1	32.8	98.4

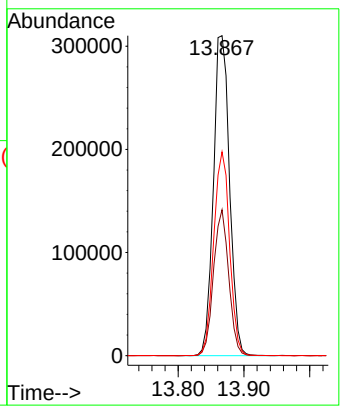




#91
1,2-Dichlorobenzene
Concen: 99.481 ug/l
RT: 13.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:146 Resp: 53090

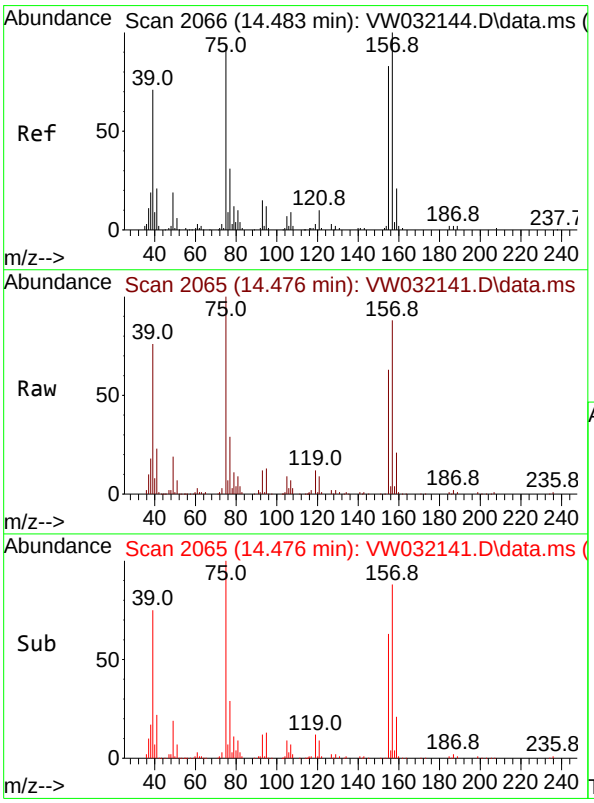
Ion	Ratio	Lower	Upper
146	100		
111	43.0	23.4	70.0
148	62.5	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

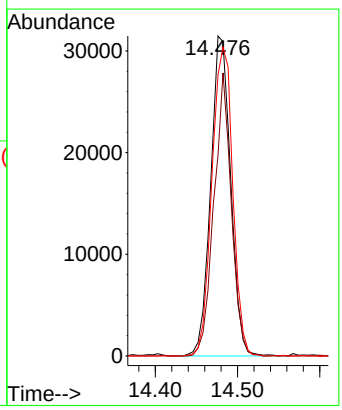
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

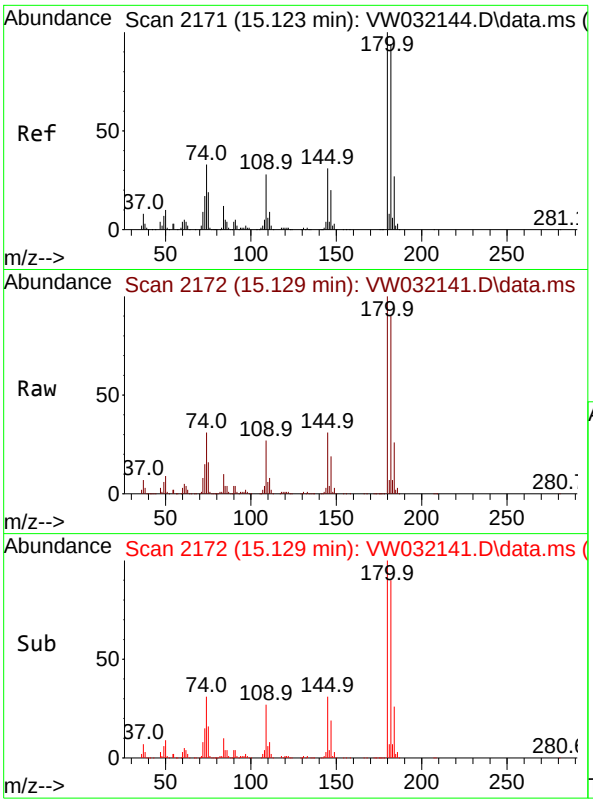


#92
1,2-Dibromo-3-Chloropropane
Concen: 107.882 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion: 75 Resp: 53172

Ion	Ratio	Lower	Upper
75	100		
155	77.0	40.8	122.5
157	100.4	51.8	155.4

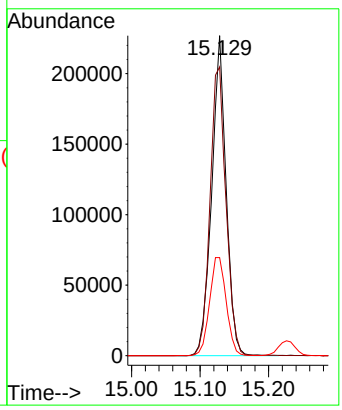




#93
1,2,4-Trichlorobenzene
Concen: 97.566 ug/l
RT: 15.129 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:180 Resp: 33266

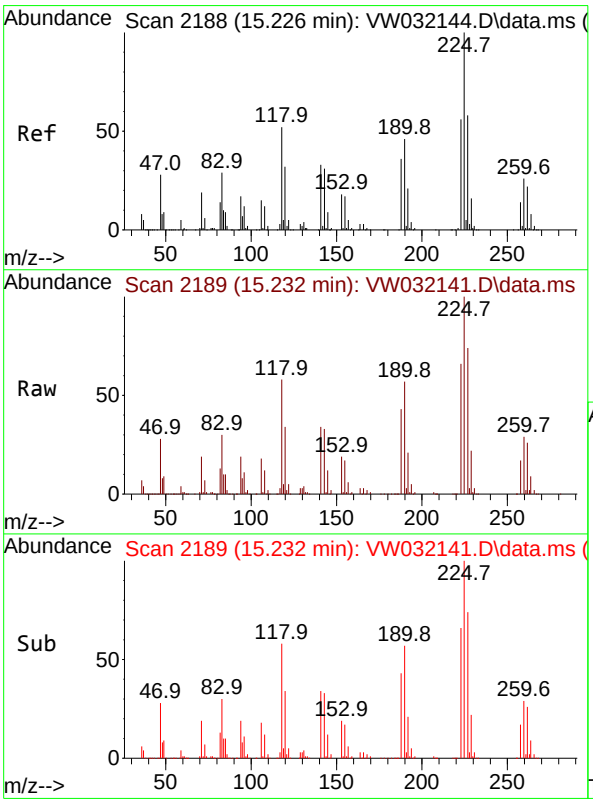
Ion	Ratio	Lower	Upper
180	100		
182	99.7	47.4	142.2
145	35.4	16.4	49.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

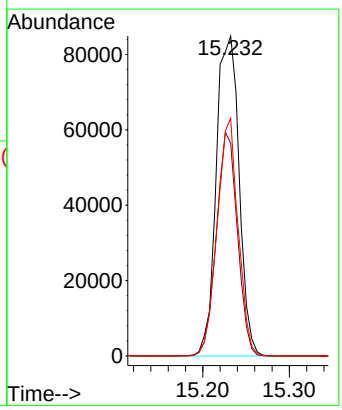
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

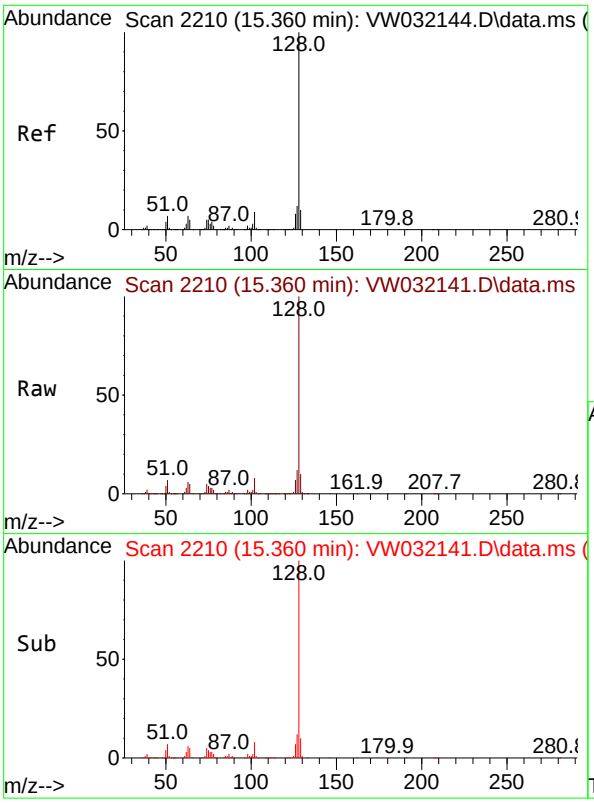


#94
Hexachlorobutadiene
Concen: 91.877 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:225 Resp: 155367

Ion	Ratio	Lower	Upper
225	100		
223	64.6	29.8	89.3
227	68.0	30.5	91.5

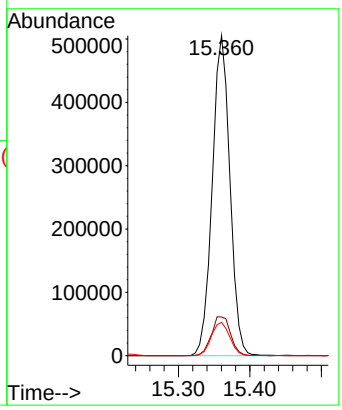




#95
Naphthalene
Concen: 112.125 ug/l
RT: 15.360 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:128 Resp: 86522

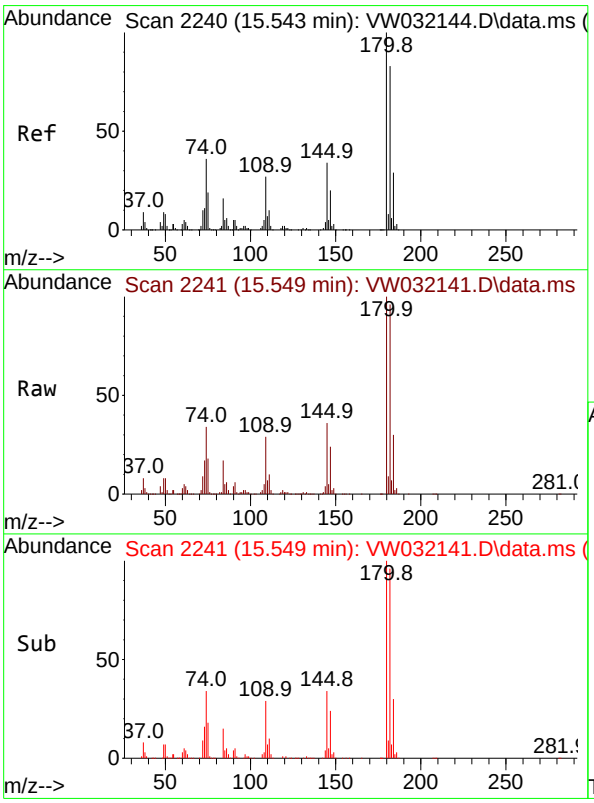
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.9	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

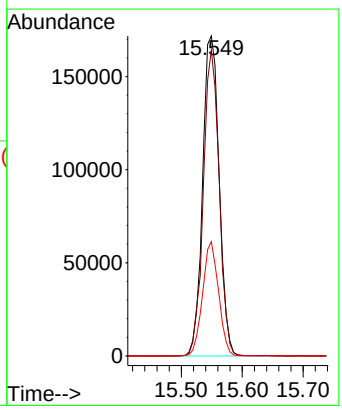
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 102.222 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032141.D
Acq: 26 Aug 2025 11:29

Tgt Ion:180 Resp: 324145

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.7	143.1
145	34.6	17.2	51.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	212660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	363183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	337595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	454909	149.576	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 299.160%#			
35) Dibromofluoromethane	7.898	113	377239	148.049	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 296.100%#			
50) Toluene-d8	10.331	98	1365264	152.629	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 305.260%#			
62) 4-Bromofluorobenzene	12.617	95	509512	154.039	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 308.080%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	192587	137.167	ug/l	97
3) Chloromethane	2.259	50	210524	143.009	ug/l	100
4) Vinyl Chloride	2.405	62	256644	134.226	ug/l	95
5) Bromomethane	2.814	94	244946	143.458	ug/l	97
6) Chloroethane	2.966	64	193730	143.874	ug/l	98
7) Trichlorofluoromethane	3.301	101	291416	153.823	ug/l	91
8) Diethyl Ether	3.722	74	195629	138.373	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	289634	135.714	ug/l	98
10) Methyl Iodide	4.313	142	446397	137.369	ug/l	100
11) Tert butyl alcohol	5.222	59	141240	759.234	ug/l	97
12) 1,1-Dichloroethene	4.076	96	314257	139.822	ug/l	99
13) Acrolein	3.929	56	211447	739.433	ug/l	98
14) Allyl chloride	4.704	41	459410	143.902	ug/l	99
15) Acrylonitrile	5.405	53	512853	746.122	ug/l	98
16) Acetone	4.161	43	440565	668.879	ug/l	97
17) Carbon Disulfide	4.423	76	801995	142.669	ug/l	100
18) Methyl Acetate	4.710	43	319825	152.398	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	611768	144.143	ug/l	99
20) Methylene Chloride	4.960	84	353777	150.295	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	356921	142.157	ug/l	92
22) Diisopropyl ether	6.344	45	1024195	147.400	ug/l	98
23) Vinyl Acetate	6.283	43	3680242	779.030	ug/l	99
24) 1,1-Dichloroethane	6.240	63	641157	140.949	ug/l	99
25) 2-Butanone	7.191	43	712281	763.150	ug/l	97
26) 2,2-Dichloropropane	7.185	77	351365	145.860	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	439540	143.865	ug/l	99
28) Bromochloromethane	7.532	49	310783	149.248	ug/l	100
29) Tetrahydrofuran	7.551	42	456986	770.497	ug/l	99
30) Chloroform	7.697	83	736537	141.817	ug/l	99
31) Cyclohexane	7.971	56	497279	133.190	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	535215	141.170	ug/l	99
36) 1,1-Dichloropropene	8.093	75	472017	142.873	ug/l	98
37) Ethyl Acetate	7.276	43	302607	152.685	ug/l	100
38) Carbon Tetrachloride	8.087	117	509127	143.753	ug/l	98
39) Methylcyclohexane	9.343	83	585727	149.682	ug/l	99
40) Benzene	8.337	78	1453606	142.338	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	169026	153.505	ug/l		95
42) 1,2-Dichloroethane	8.410	62	508053	143.507	ug/l		100
43) Isopropyl Acetate	8.435	43	583075	156.822	ug/l		98
44) Trichloroethene	9.099	130	373687	145.505	ug/l		91
45) 1,2-Dichloropropane	9.374	63	351218	142.666	ug/l		100
46) Dibromomethane	9.465	93	243465	141.000	ug/l		99
47) Bromodichloromethane	9.654	83	581251	148.131	ug/l		93
48) Methyl methacrylate	9.441	41	278566	162.575	ug/l		98
49) 1,4-Dioxane	9.465	88	66706	3197.399	ug/l		98
51) 4-Methyl-2-Pentanone	10.215	43	1599863	762.051	ug/l		99
52) Toluene	10.392	92	957220	143.435	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	555802	160.564	ug/l		99
54) cis-1,3-Dichloropropene	10.081	75	604600	153.074	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	324211	144.392	ug/l		98
56) Ethyl methacrylate	10.648	69	476215	165.894	ug/l		97
57) 1,3-Dichloropropane	10.934	76	542178	144.209	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.928	63	1264307	825.160	ug/l		99
59) 2-Hexanone	10.971	43	1152381	789.253	ug/l		100
60) Dibromochloromethane	11.129	129	408737	150.438	ug/l		95
61) 1,2-Dibromoethane	11.239	107	330479	149.669	ug/l		99
64) Tetrachloroethene	10.861	164	311674	140.272	ug/l		92
65) Chlorobenzene	11.660	112	1082491	140.873	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.727	131	376695	148.901	ug/l		99
67) Ethyl Benzene	11.733	91	1886049	149.806	ug/l		99
68) m/p-Xylenes	11.837	106	1416558	292.350	ug/l		97
69) o-Xylene	12.166	106	707888	154.451	ug/l		98
70) Styrene	12.178	104	1236547	153.051	ug/l		97
71) Bromoform	12.349	173	240584	160.118	ug/l	#	97
73) Isopropylbenzene	12.458	105	1786971	161.883	ug/l		100
74) N-amyl acetate	12.269	43	542121	169.156	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	403226	153.706	ug/l		100
76) 1,2,3-Trichloropropane	12.769	75	297194m	141.263	ug/l		
77) Bromobenzene	12.745	156	440488	156.481	ug/l		98
78) n-propylbenzene	12.800	91	2120830	158.250	ug/l		98
79) 2-Chlorotoluene	12.891	91	1283524	156.618	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	1493220	159.771	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.513	75	136029	179.923	ug/l		94
82) 4-Chlorotoluene	12.989	91	1341754	152.954	ug/l		99
83) tert-Butylbenzene	13.202	119	1264671	159.592	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	1528604	158.090	ug/l		99
85) sec-Butylbenzene	13.379	105	1883544	159.198	ug/l		98
86) p-Isopropyltoluene	13.495	119	1604066	159.424	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	827718	146.037	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	857389	150.918	ug/l		94
89) n-Butylbenzene	13.818	91	1530726	159.573	ug/l		99
90) Hexachloroethane	14.086	117	295110	160.350	ug/l		95
91) 1,2-Dichlorobenzene	13.861	146	750254	149.508	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	76149	164.310	ug/l		98
93) 1,2,4-Trichlorobenzene	15.123	180	494705	154.301	ug/l		97
94) Hexachlorobutadiene	15.226	225	231073	145.321	ug/l		98
95) Naphthalene	15.354	128	1230735	169.618	ug/l		99
96) 1,2,3-Trichlorobenzene	15.555	180	470621	157.838	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

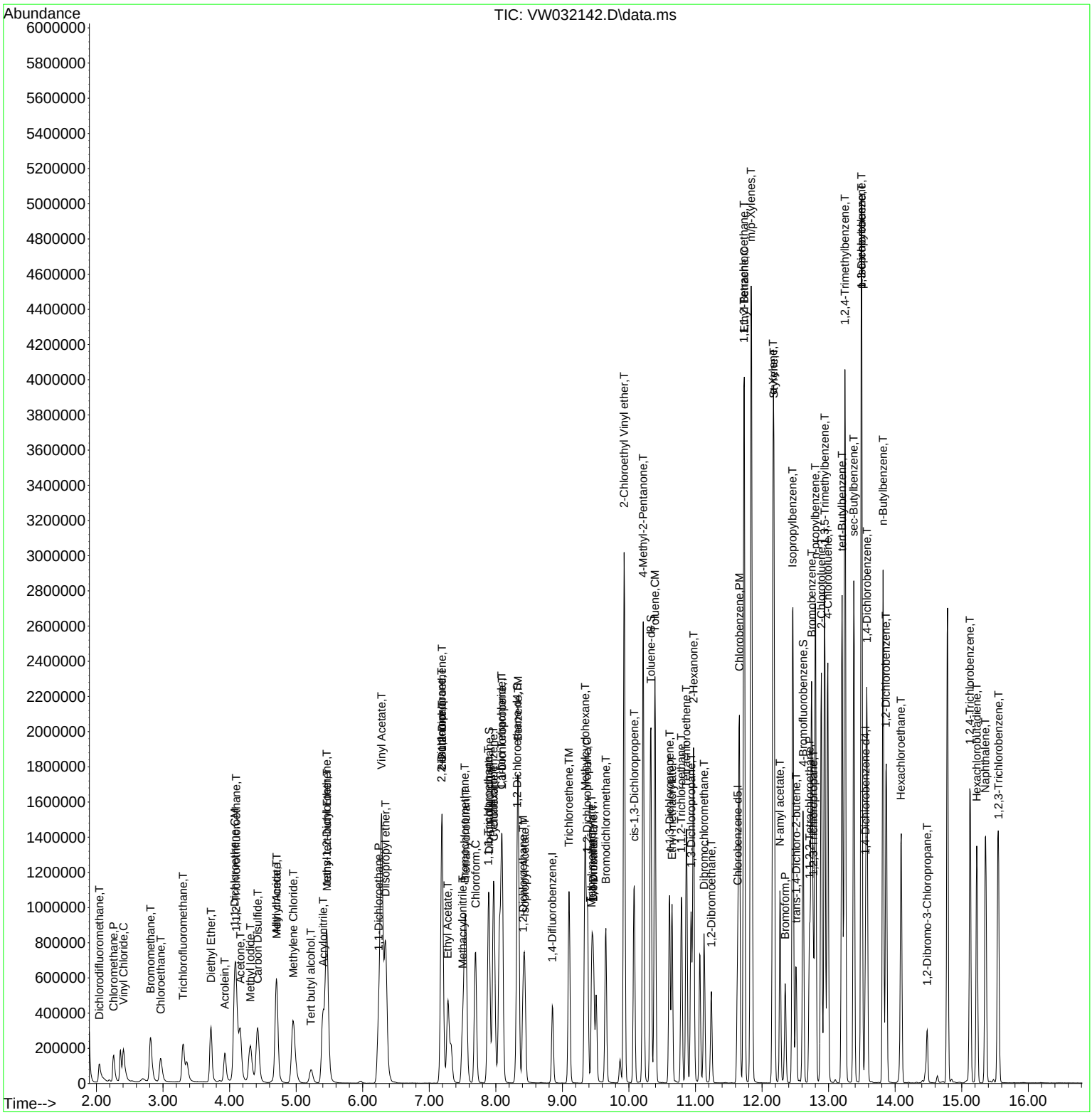
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032142.D
Acq On : 26 Aug 2025 11:51
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

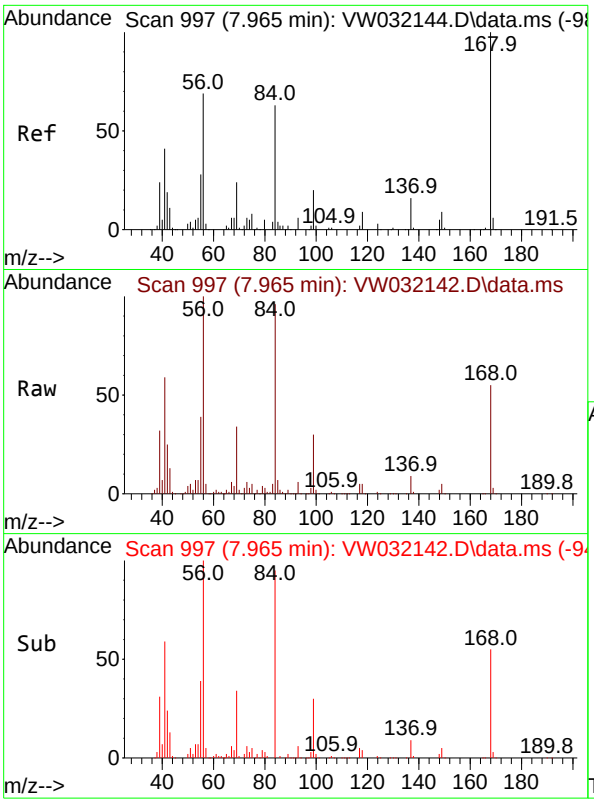
Quant Time: Aug 27 03:51:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

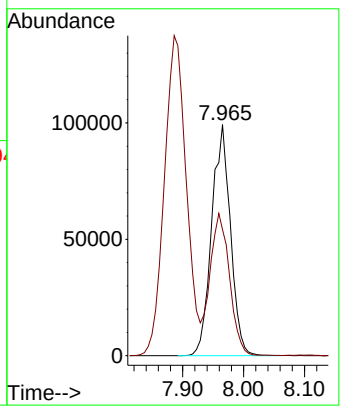




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:168 Resp: 21266

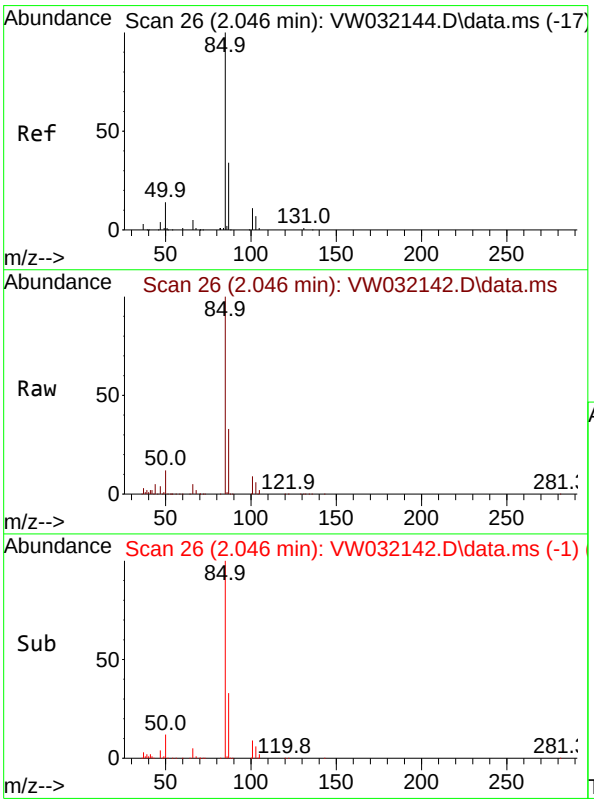
Ion	Ratio	Lower	Upper
168	100		
99	54.4	49.3	73.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

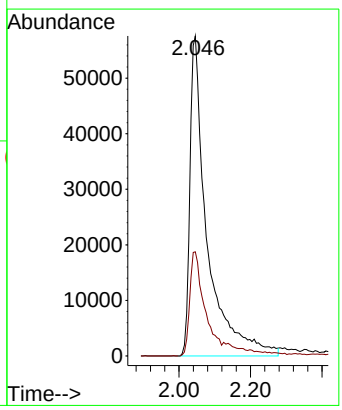
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

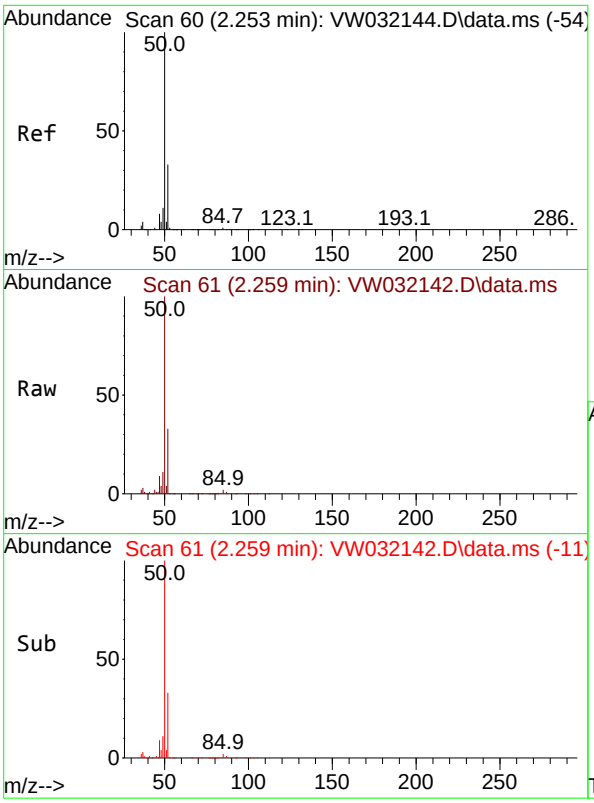


#2
Dichlorodifluoromethane
Concen: 137.167 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 85 Resp: 192587

Ion	Ratio	Lower	Upper
85	100		
87	32.6	17.2	51.6

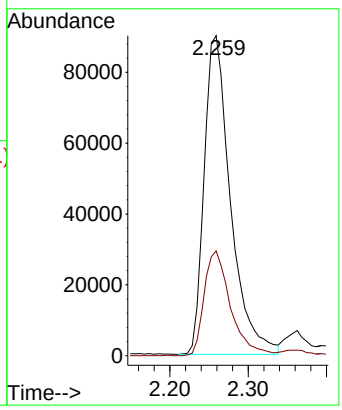




#3
Chloromethane
Concen: 143.009 ug/l
RT: 2.259 min Scan# 6
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 50 Resp: 21052

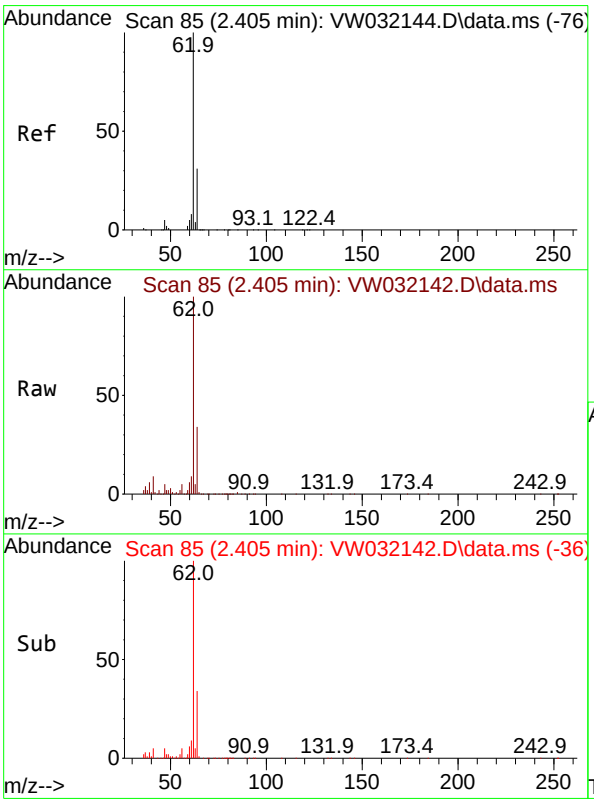
Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.1	39.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

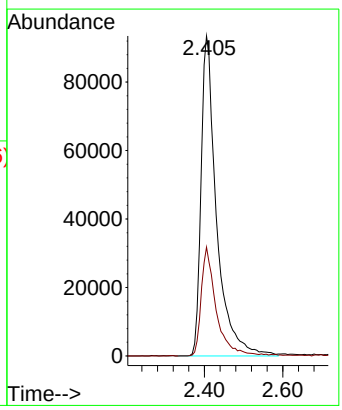
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

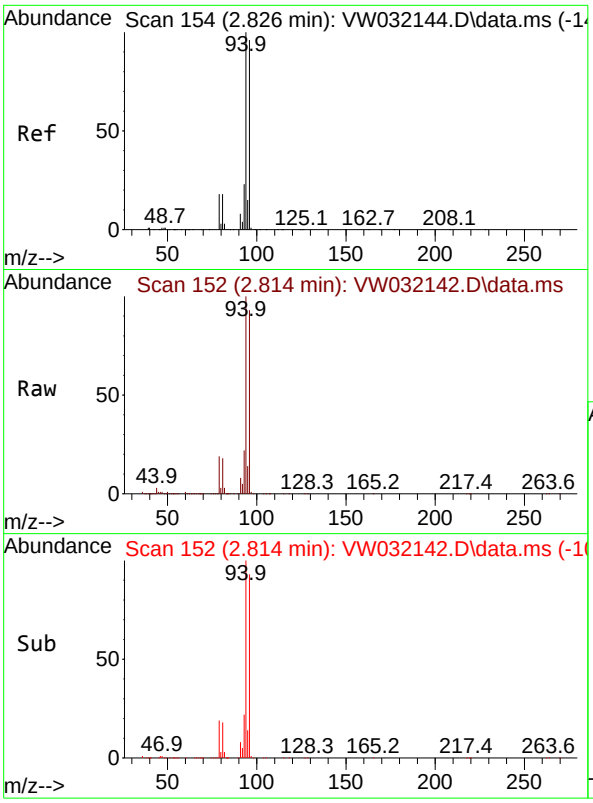


#4
Vinyl Chloride
Concen: 134.226 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 62 Resp: 256644

Ion	Ratio	Lower	Upper
62	100		
64	34.0	24.8	37.2

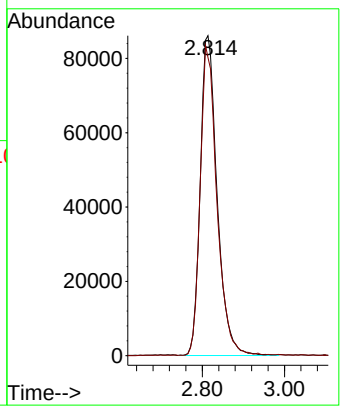




#5
Bromomethane
Concen: 143.458 ug/l
RT: 2.814 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 94 Resp: 24494

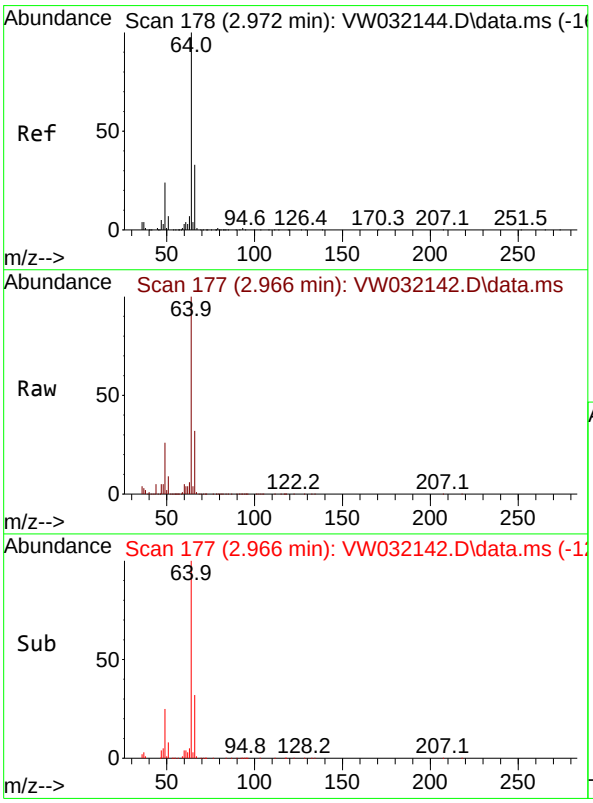
Ion	Ratio	Lower	Upper
94	100		
96	93.1	76.6	115.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

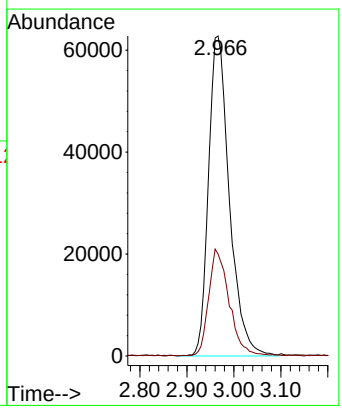
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

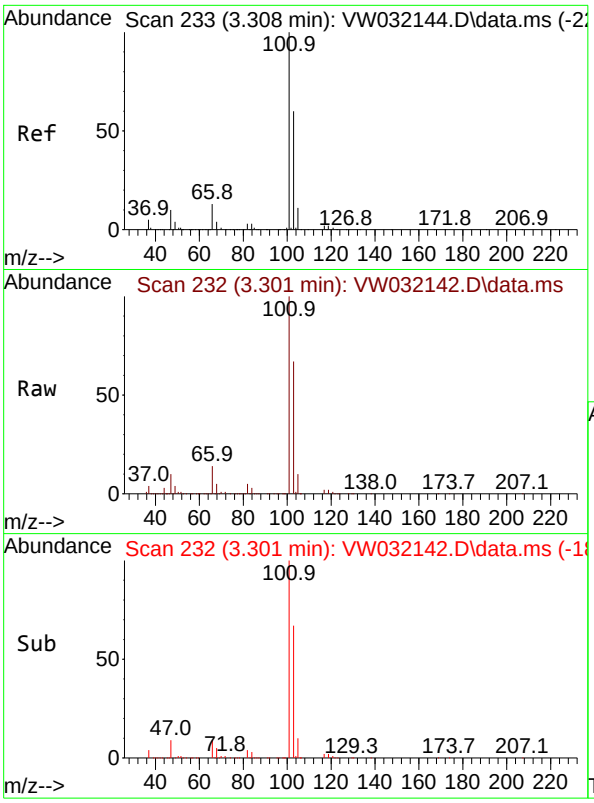


#6
Chloroethane
Concen: 143.874 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 64 Resp: 193730

Ion	Ratio	Lower	Upper
64	100		
66	31.7	26.2	39.4

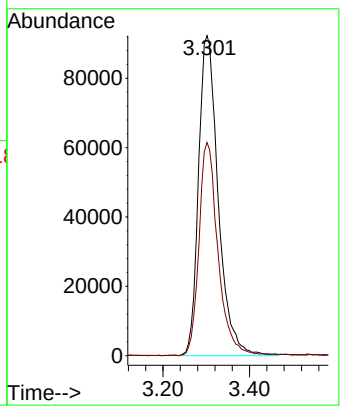




#7
Trichlorofluoromethane
Concen: 153.823 ug/l
RT: 3.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:101 Resp: 29141

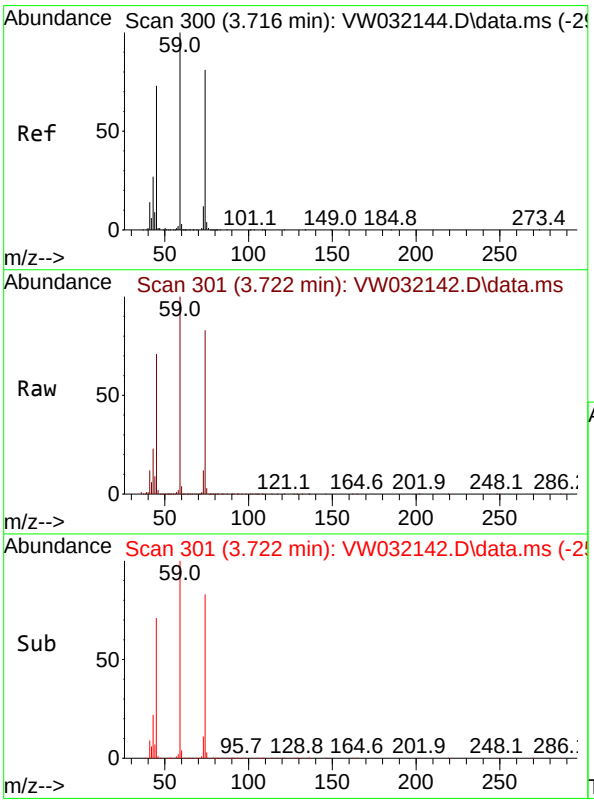
Ion	Ratio	Lower	Upper
101	100		
103	66.5	47.8	71.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

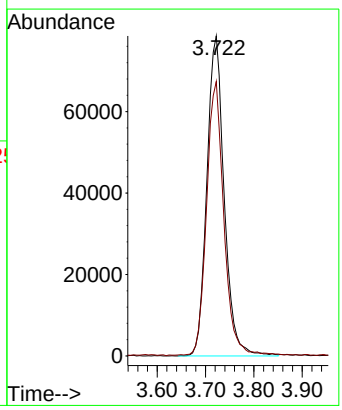
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

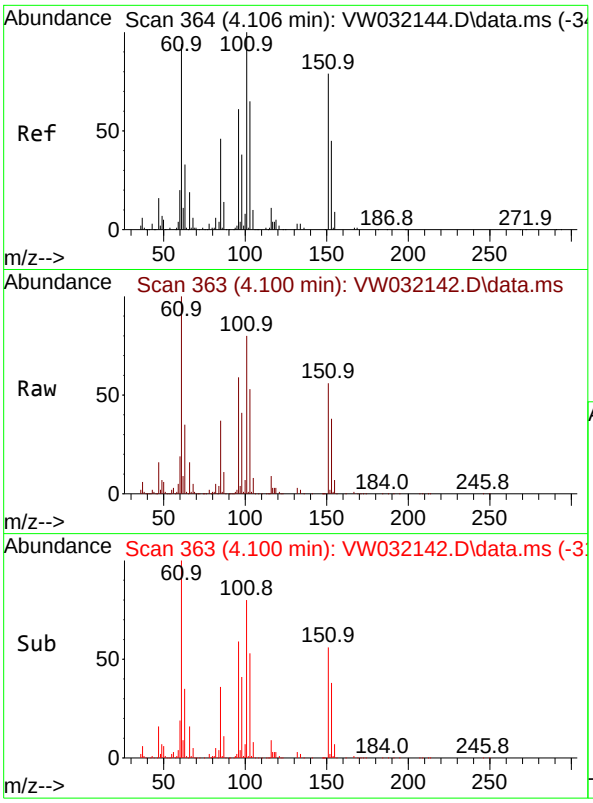


#8
Diethyl Ether
Concen: 138.373 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 74 Resp: 195629

Ion	Ratio	Lower	Upper
74	100		
45	85.9	43.1	129.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 135.714 ug/l
RT: 4.100 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

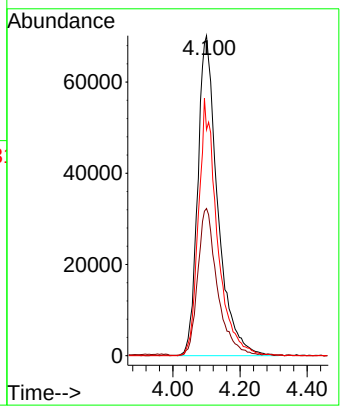
Tgt Ion:101 Resp: 28963

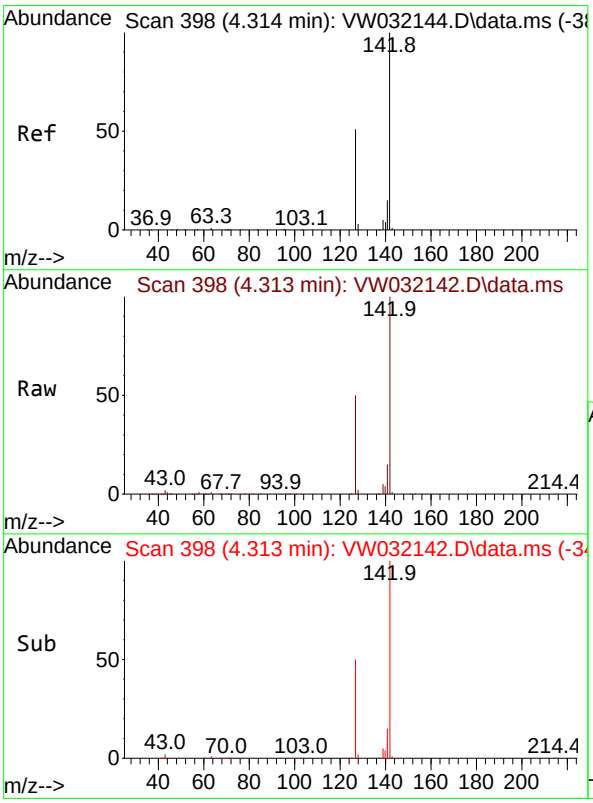
Ion	Ratio	Lower	Upper
101	100		
85	45.1	37.1	55.7
151	75.5	61.5	92.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

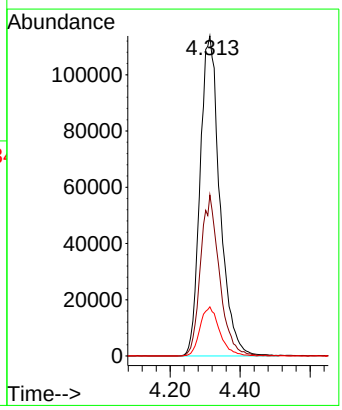


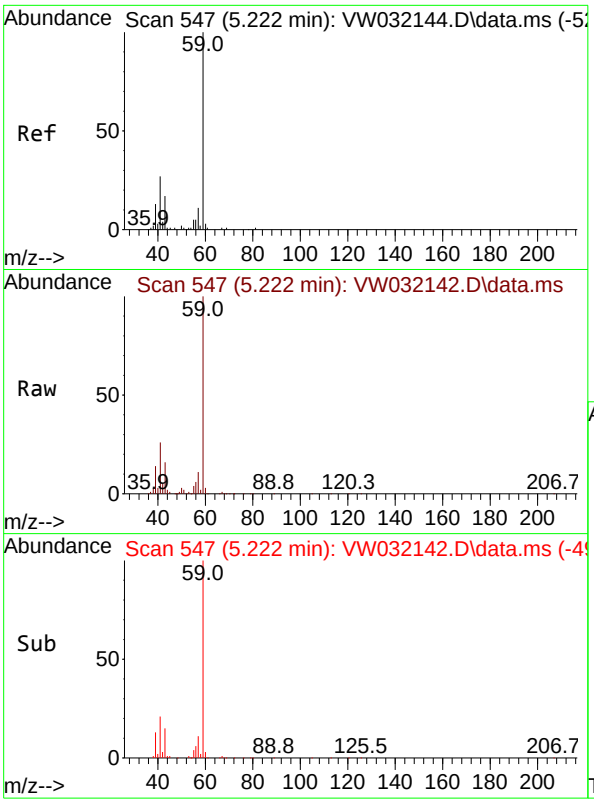


#10
Methyl Iodide
Concen: 137.369 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:142 Resp: 446397

Ion	Ratio	Lower	Upper
142	100		
127	47.9	38.2	57.2
141	15.2	12.2	18.2

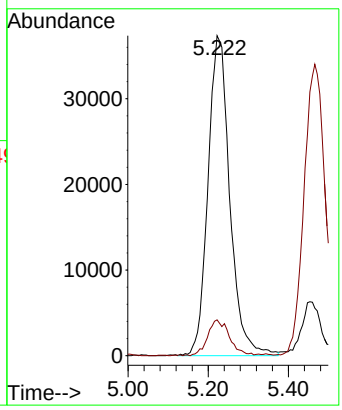




#11
Tert butyl alcohol
Concen: 759.234 ug/l
RT: 5.222 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 59 Resp: 14124

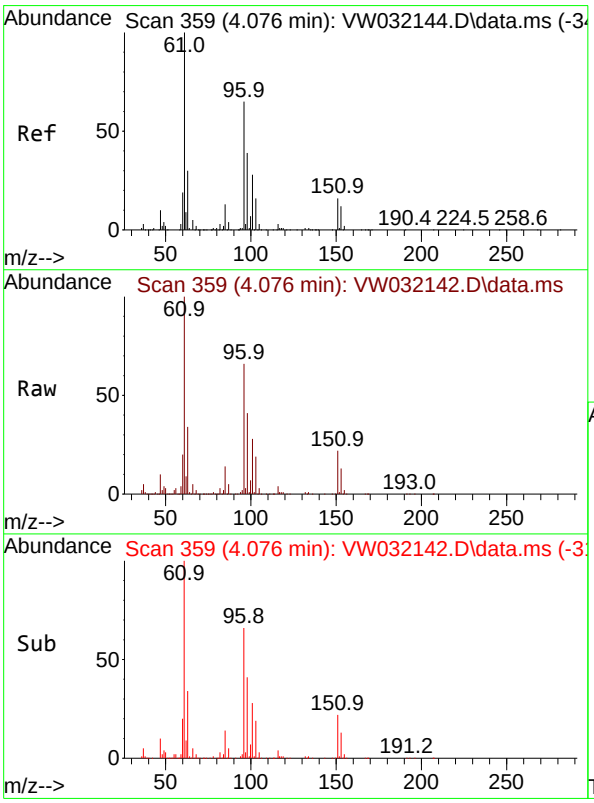
Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

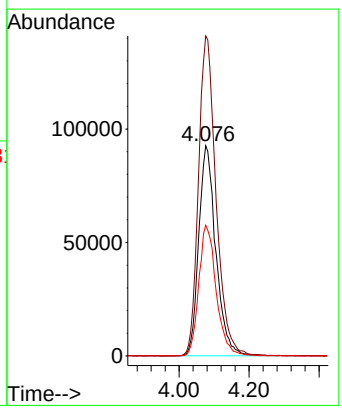
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

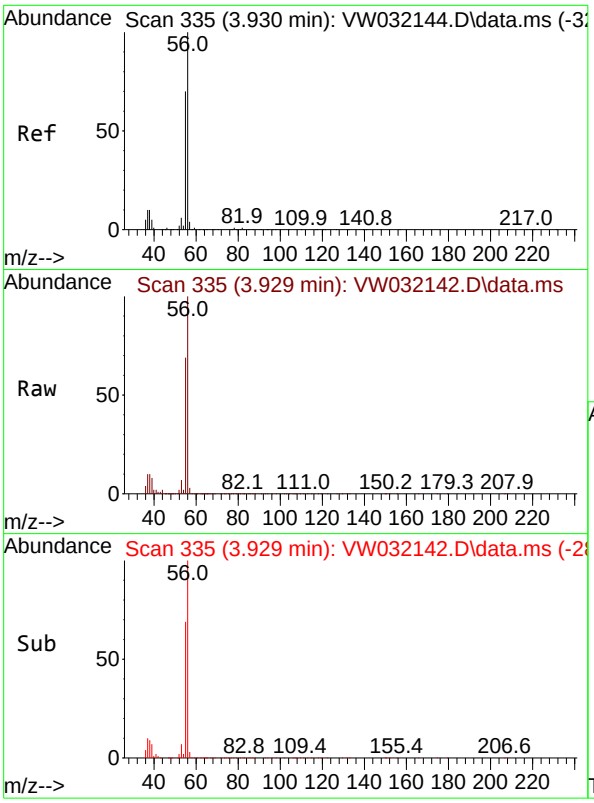


#12
1,1-Dichloroethene
Concen: 139.822 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 96 Resp: 314257

Ion	Ratio	Lower	Upper
96	100		
61	152.2	123.0	184.4
98	62.2	48.5	72.7

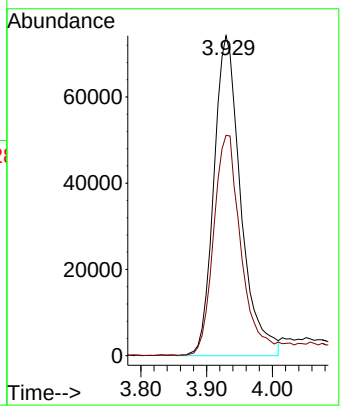




#13
Acrolein
Concen: 739.433 ug/l
RT: 3.929 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 56 Resp: 21144

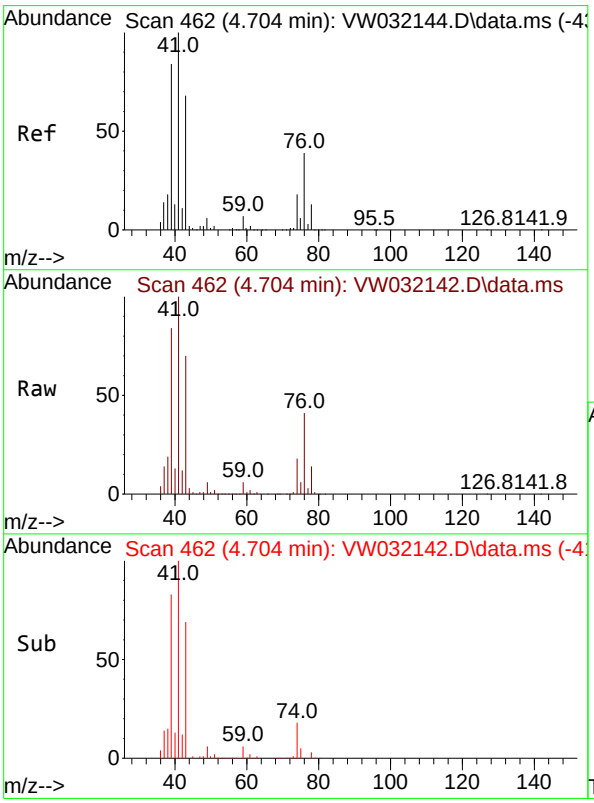
Ion	Ratio	Lower	Upper
56	100		
55	72.0	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

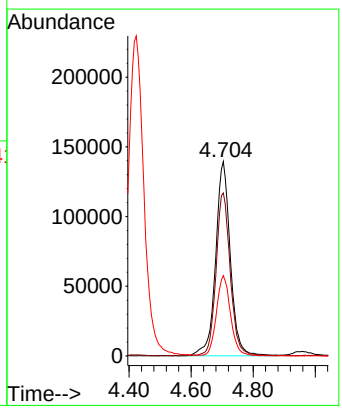
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

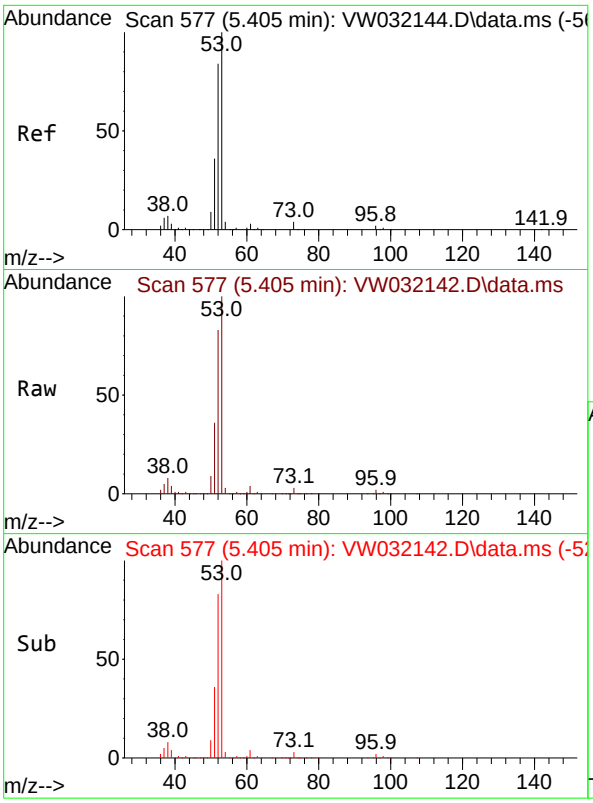


#14
Allyl chloride
Concen: 143.902 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 41 Resp: 459410

Ion	Ratio	Lower	Upper
41	100		
39	80.7	64.1	96.1
76	38.9	31.4	47.2

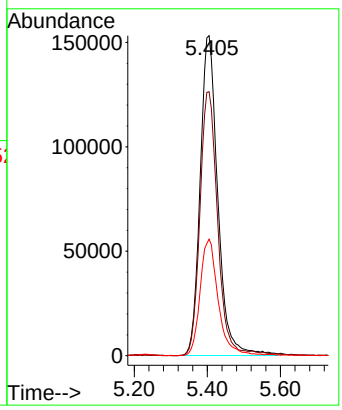




#15
Acrylonitrile
Concen: 746.122 ug/l
RT: 5.405 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 53 Resp: 51285

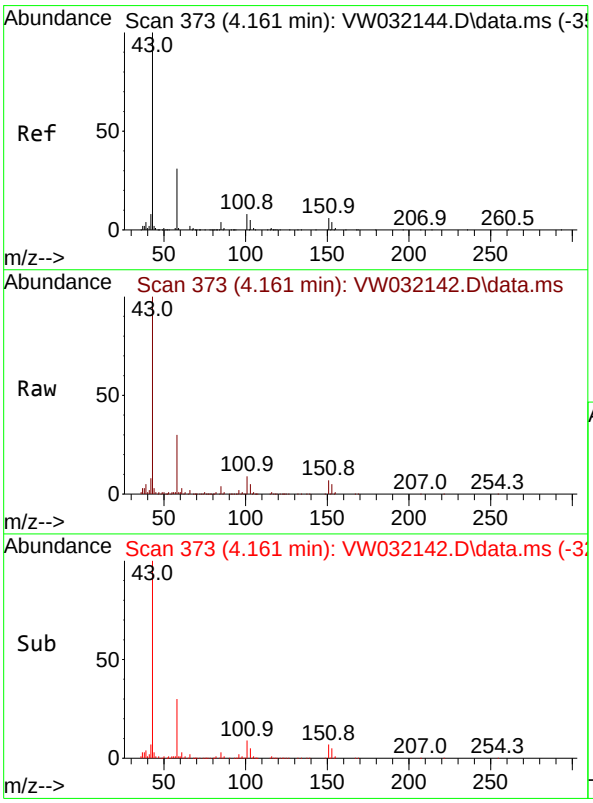
Ion	Ratio	Lower	Upper
53	100		
52	82.0	67.4	101.2
51	37.5	30.3	45.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

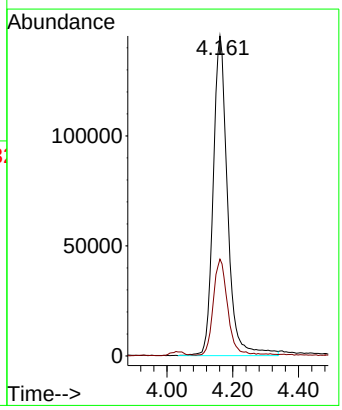
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

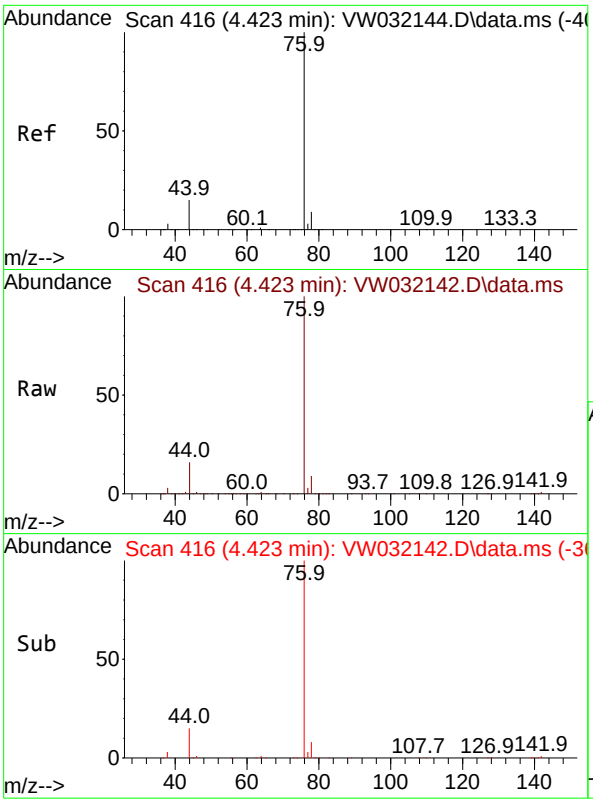


#16
Acetone
Concen: 668.879 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 440565

Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.3	37.9





#17
Carbon Disulfide
Concen: 142.669 ug/l
RT: 4.423 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

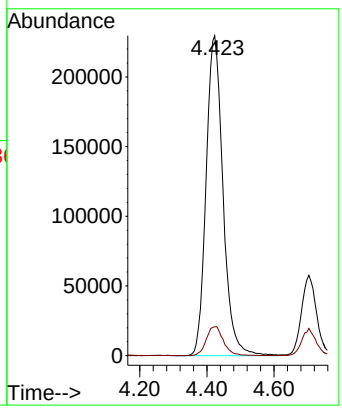
Tgt Ion: 76 Resp: 80199

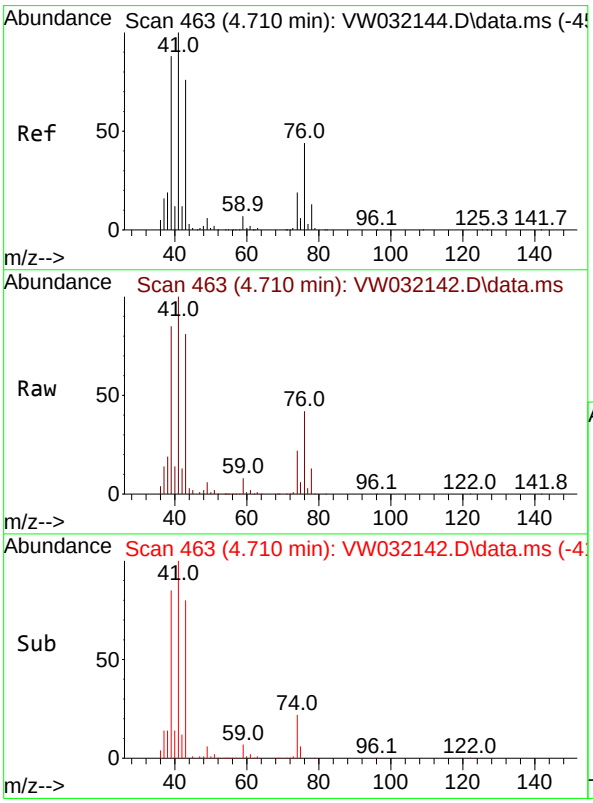
Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

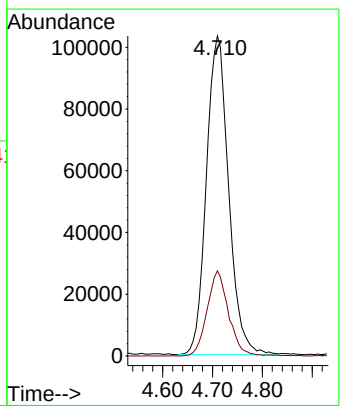


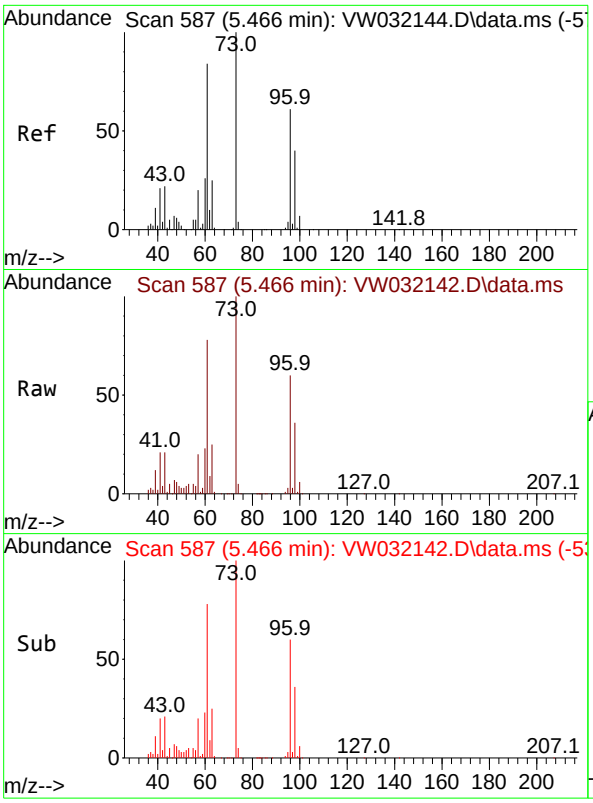


#18
Methyl Acetate
Concen: 152.398 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 319825

Ion	Ratio	Lower	Upper
43	100		
74	25.6	20.2	30.4

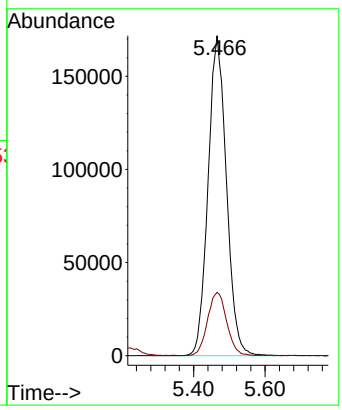




#19
Methyl tert-butyl Ether
Concen: 144.143 ug/l
RT: 5.466 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 73 Resp: 61176

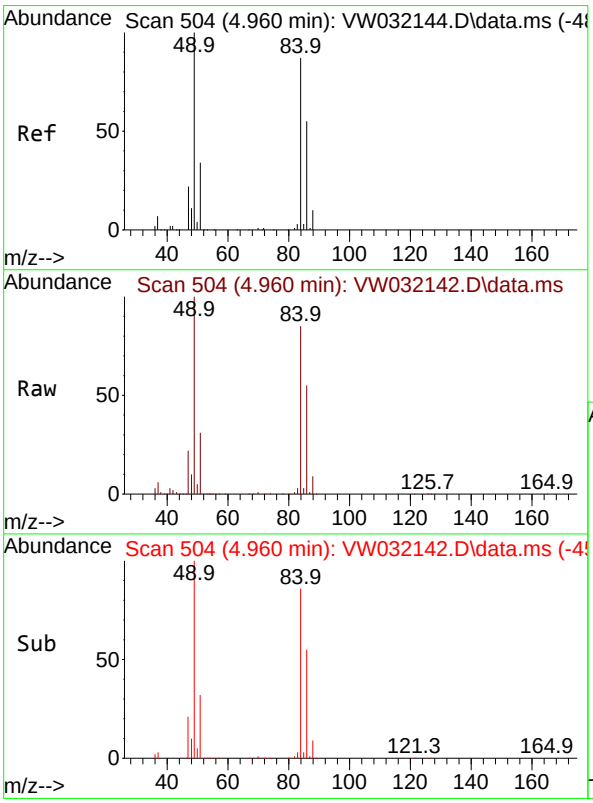
Ion	Ratio	Lower	Upper
73	100		
57	19.7	16.2	24.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

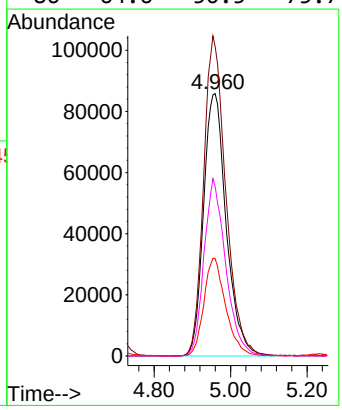
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

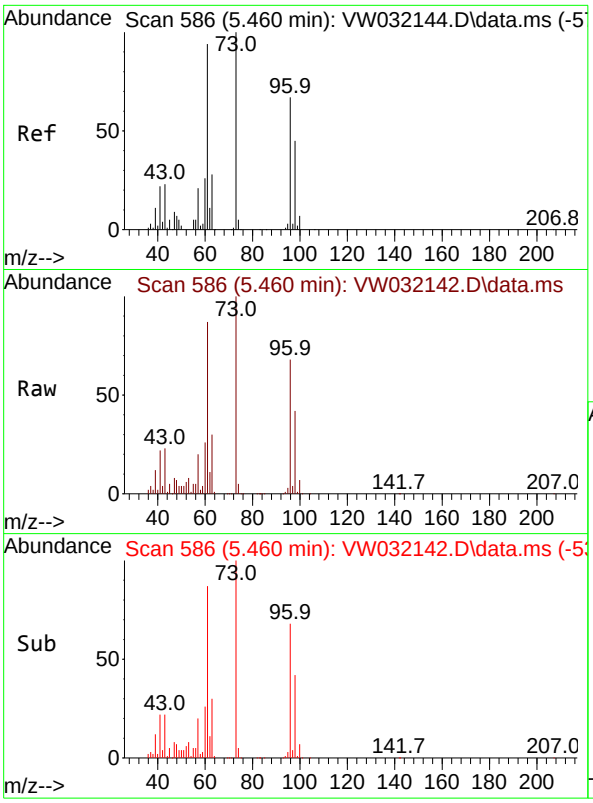


#20
Methylene Chloride
Concen: 150.295 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 84 Resp: 353777

Ion	Ratio	Lower	Upper
84	100		
49	117.7	92.2	138.4
51	37.1	31.0	46.6
86	64.6	50.5	75.7

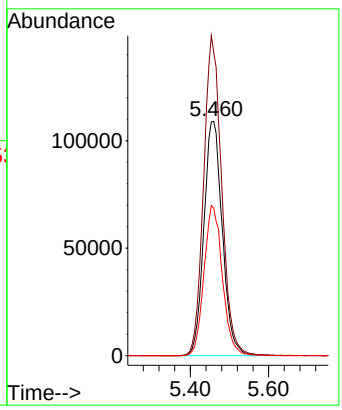




#21
trans-1,2-Dichloroethene
Concen: 142.157 ug/l
RT: 5.460 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 96 Resp: 35692

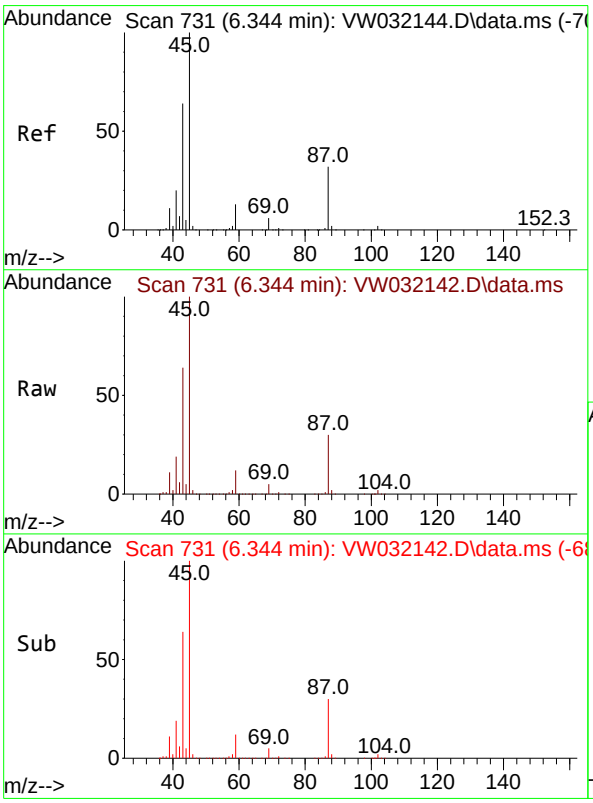
Ion	Ratio	Lower	Upper
96	100		
61	129.4	112.5	168.7
98	62.8	54.2	81.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

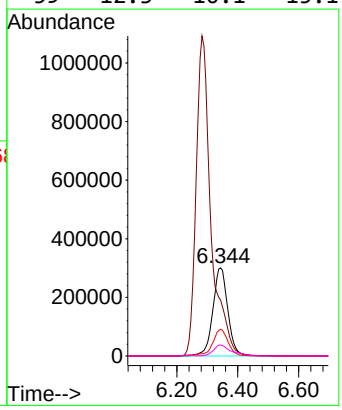
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

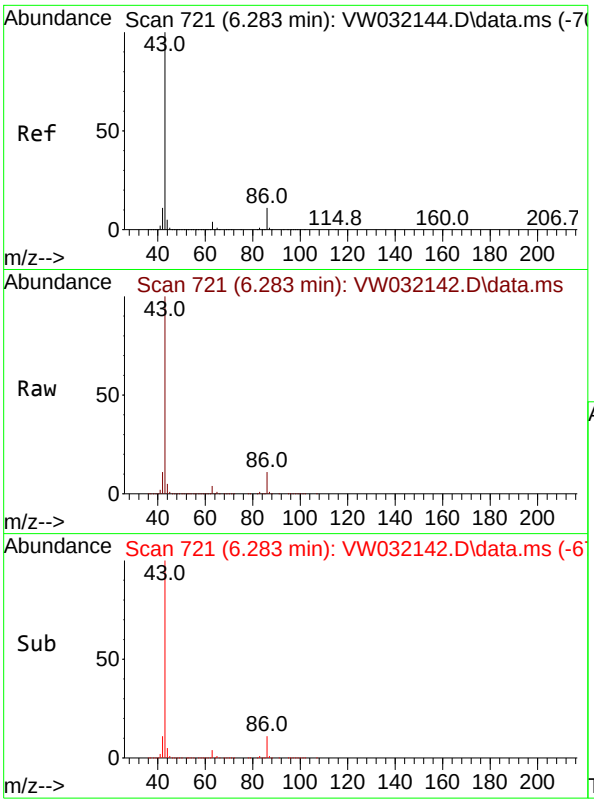


#22
Diisopropyl ether
Concen: 147.400 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 45 Resp: 1024195

Ion	Ratio	Lower	Upper
45	100		
43	63.6	51.4	77.2
87	30.1	25.9	38.9
59	12.3	10.1	15.1

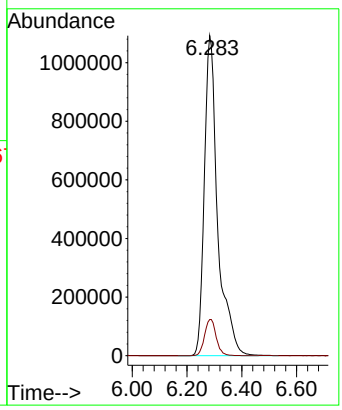




#23
Vinyl Acetate
Concen: 779.030 ug/l
RT: 6.283 min Scan# 7
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 368024

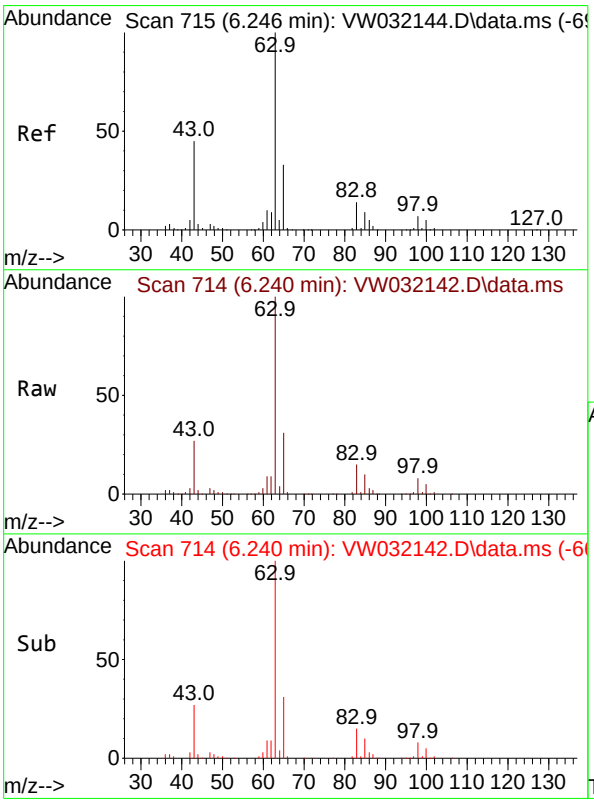
Ion	Ratio	Lower	Upper
43	100		
86	11.3	8.8	13.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

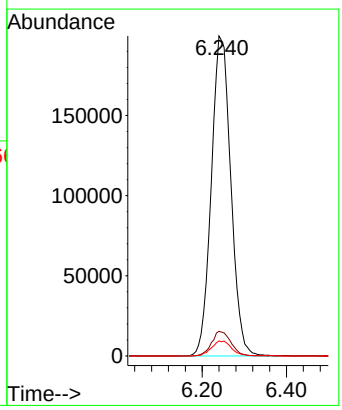
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

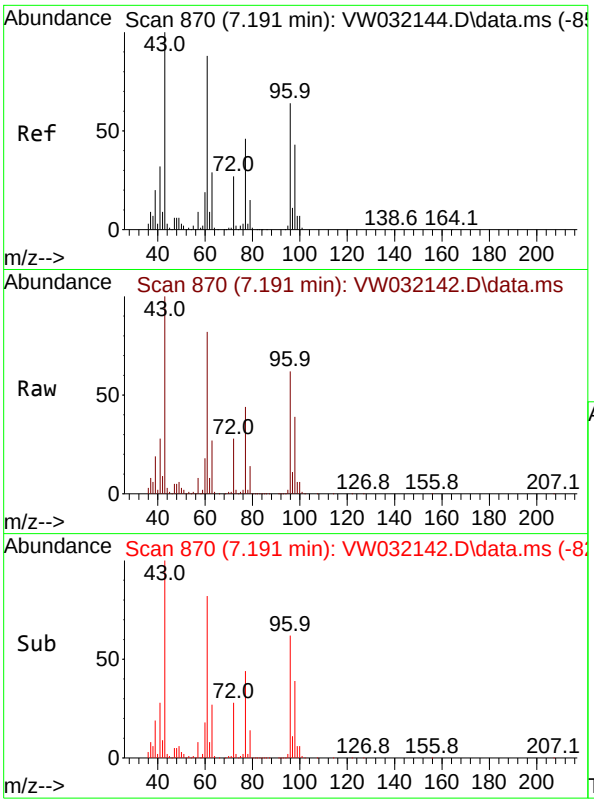


#24
1,1-Dichloroethane
Concen: 140.949 ug/l
RT: 6.240 min Scan# 714
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 63 Resp: 641157

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.8	11.2
100	4.7	2.5	7.5

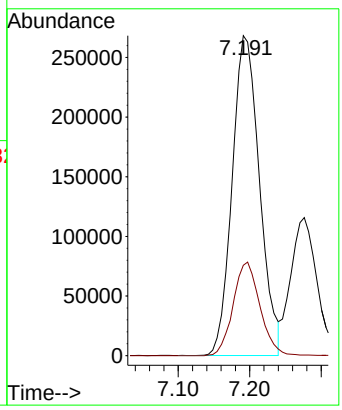




#25
2-Butanone
Concen: 763.150 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 71228

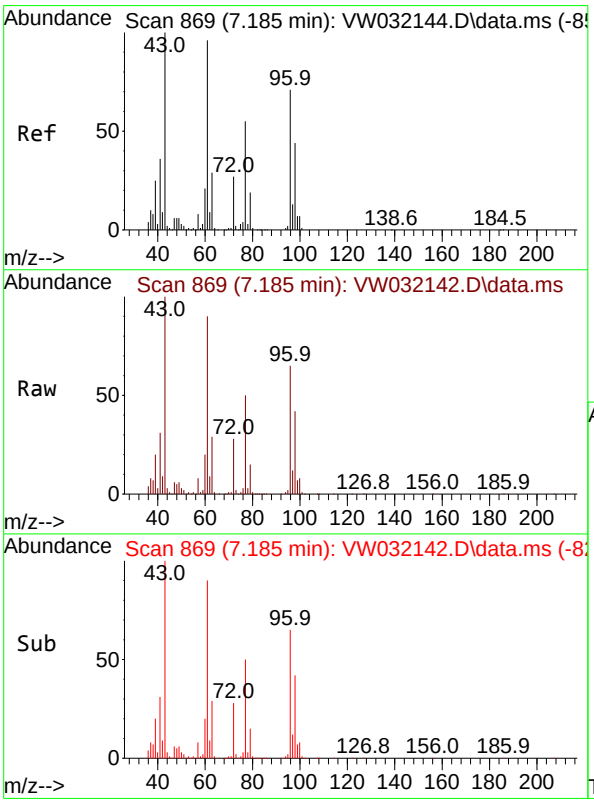
Ion	Ratio	Lower	Upper
43	100		
72	28.3	21.4	32.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

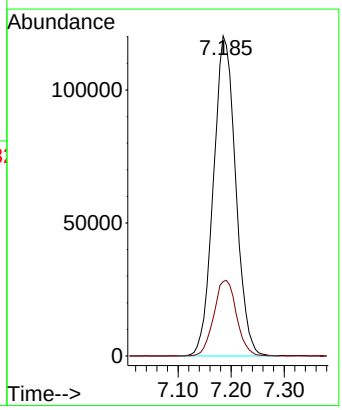
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

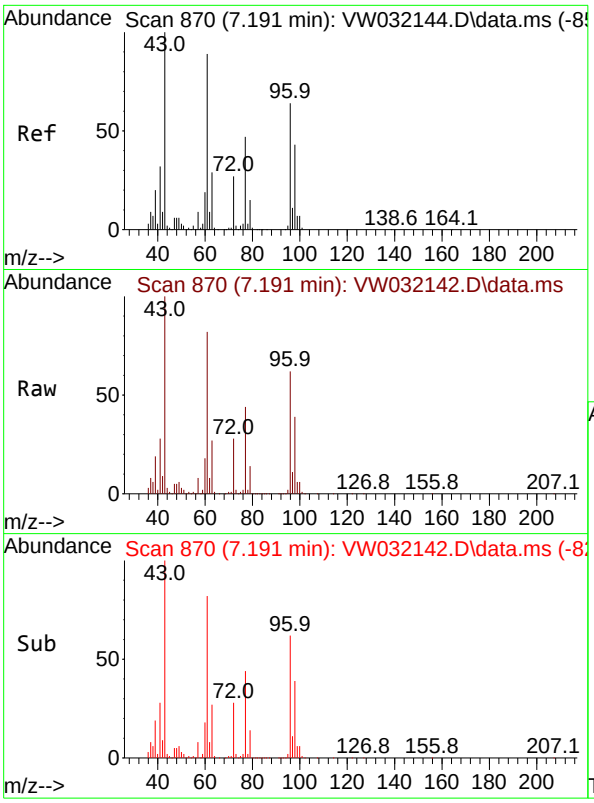


#26
2,2-Dichloropropane
Concen: 145.860 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 77 Resp: 351365

Ion	Ratio	Lower	Upper
77	100		
97	24.1	11.9	35.5

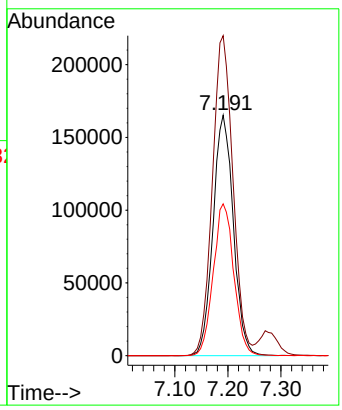




#27
cis-1,2-Dichloroethene
Concen: 143.865 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 96 Resp: 43954

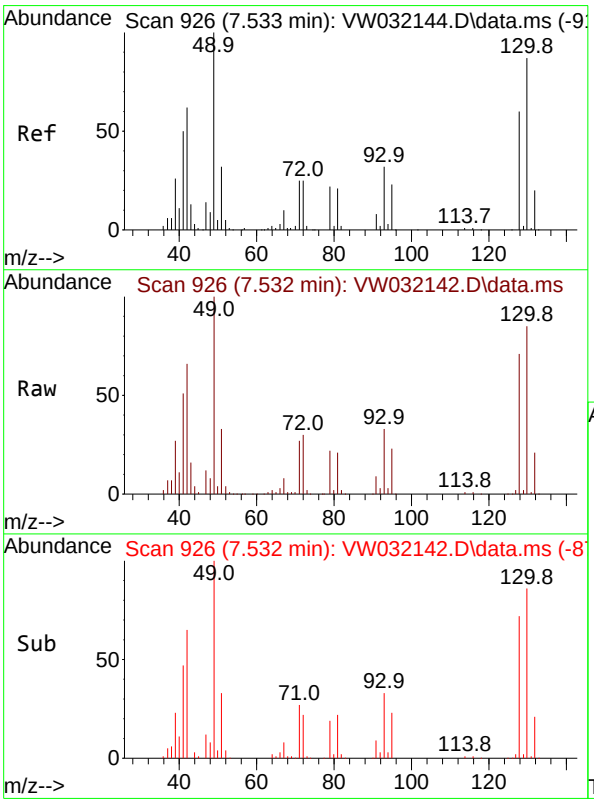
Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	268.0
98	64.1	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
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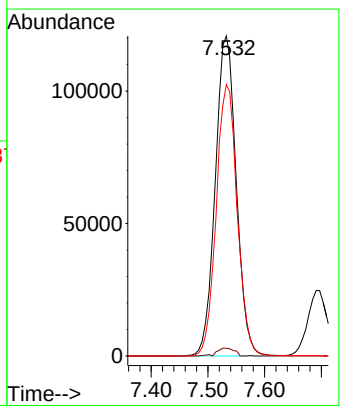
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

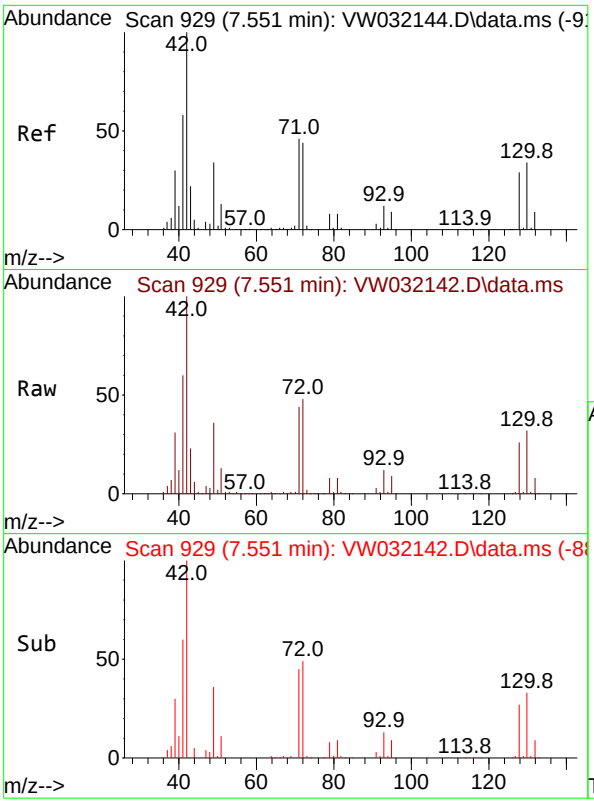


#28
Bromochloromethane
Concen: 149.248 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 49 Resp: 310783

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	84.7	67.5	101.3





#29
Tetrahydrofuran
Concen: 770.497 ug/l
RT: 7.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

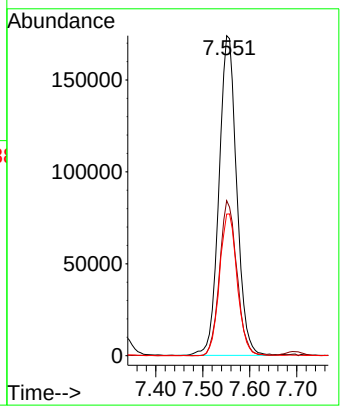
Tgt Ion: 42 Resp: 45698

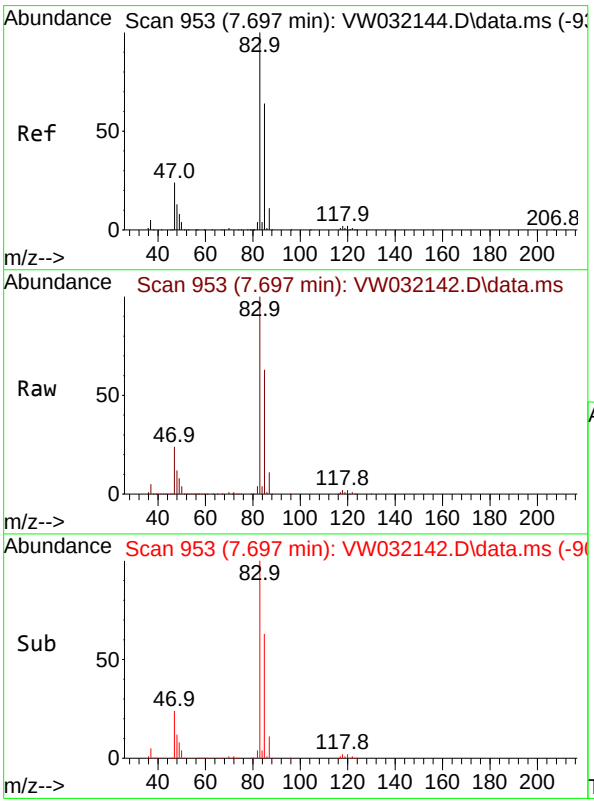
Ion	Ratio	Lower	Upper
42	100		
72	47.5	37.4	56.2
71	44.4	36.0	54.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

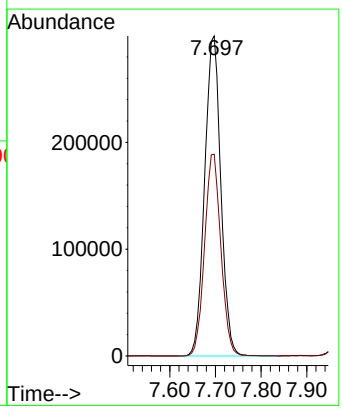


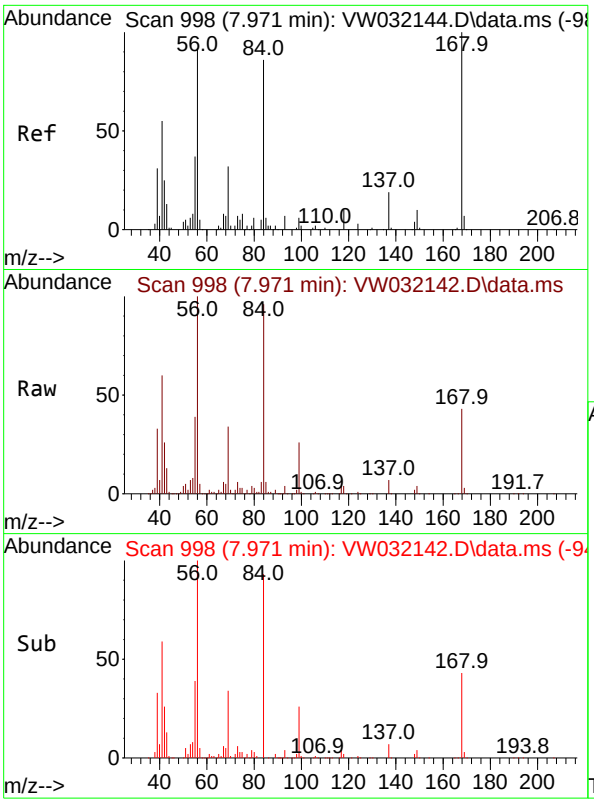


#30
Chloroform
Concen: 141.817 ug/l
RT: 7.697 min Scan# 953
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 83 Resp: 736537

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.2	76.8

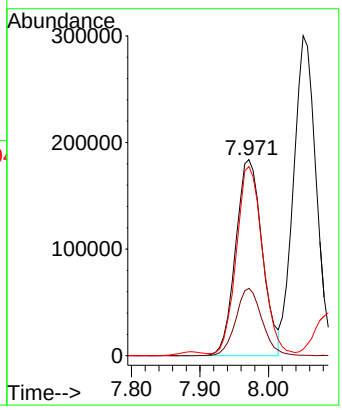




#31
Cyclohexane
Concen: 133.190 ug/l
RT: 7.971 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 56 Resp: 49727

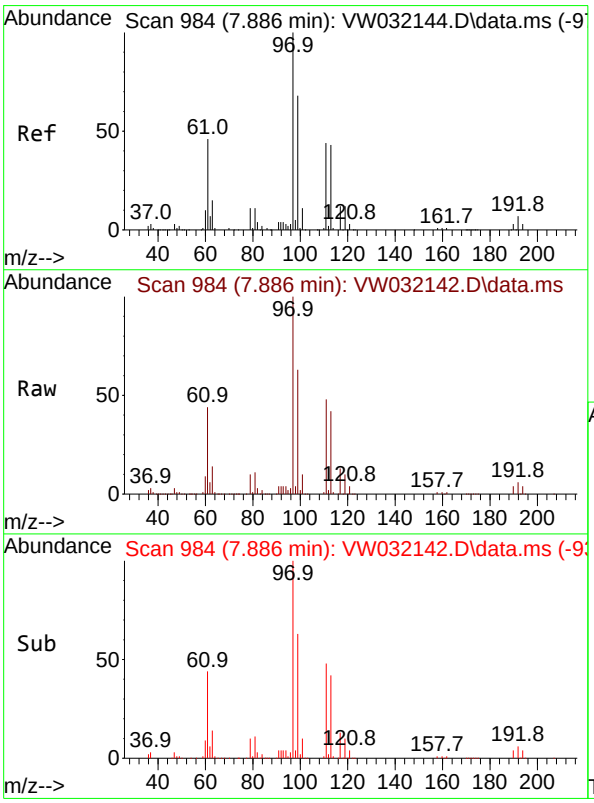
Ion	Ratio	Lower	Upper
56	100		
69	34.3	27.7	41.5
84	95.5	74.6	112.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

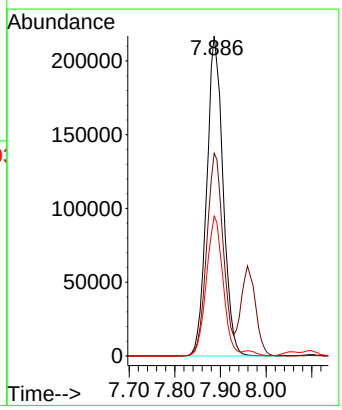
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

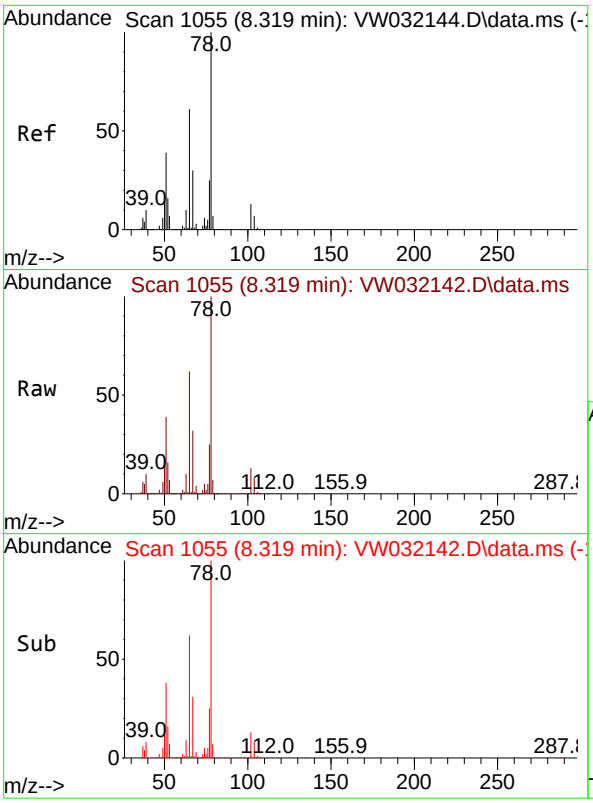


#32
1,1,1-Trichloroethane
Concen: 141.170 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 97 Resp: 535215

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.9	76.3
61	44.6	36.2	54.4





#33
1,2-Dichloroethane-d4
Concen: 149.576 ug/l
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

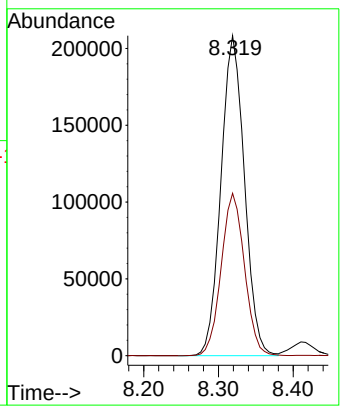
Tgt Ion: 65 Resp: 45490

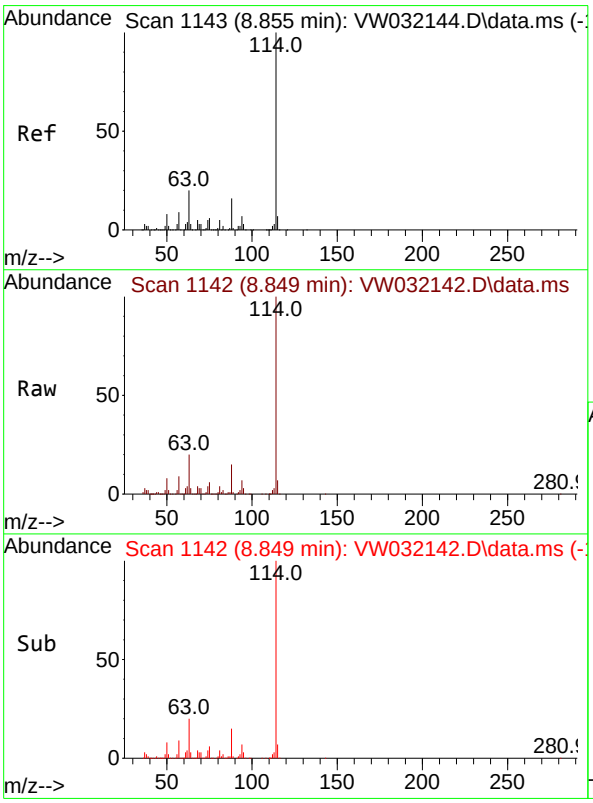
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

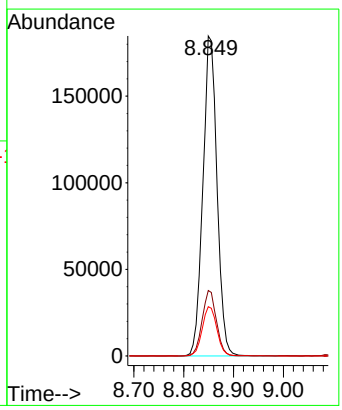


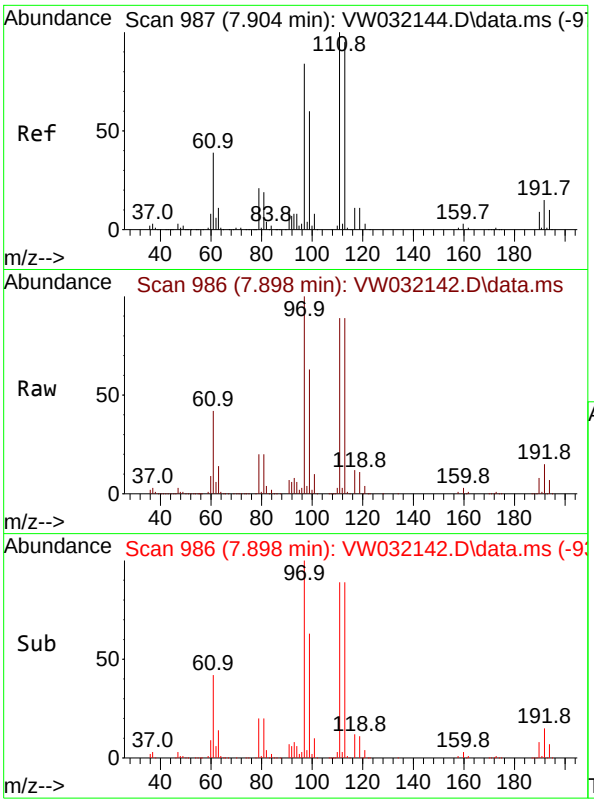


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:114 Resp: 363183

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.4
88	15.4	0.0	32.0

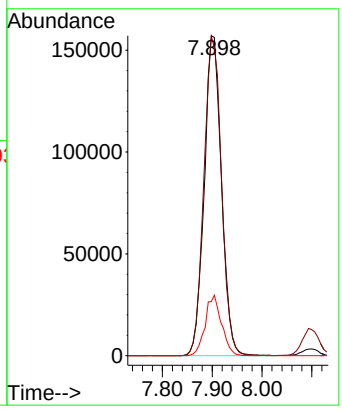




#35
Dibromofluoromethane
Concen: 148.049 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:113 Resp: 37723

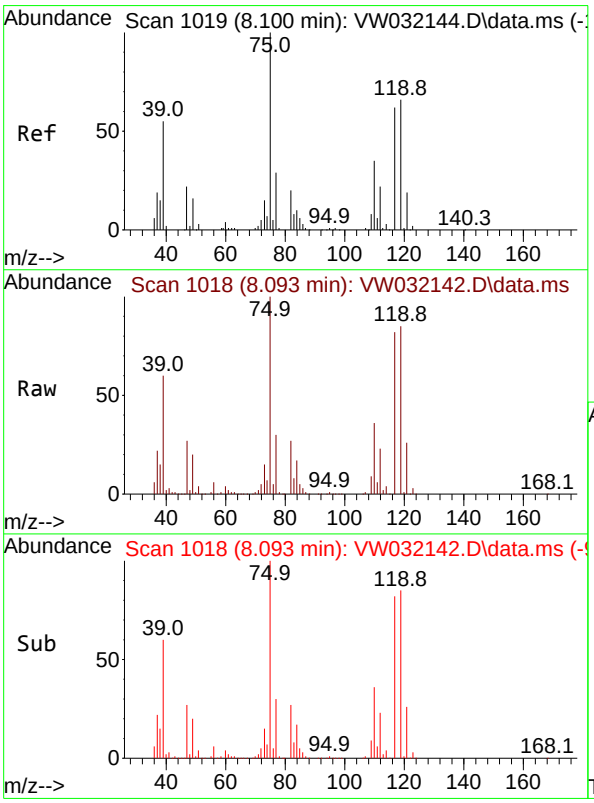
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.9	125.9
192	17.9	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

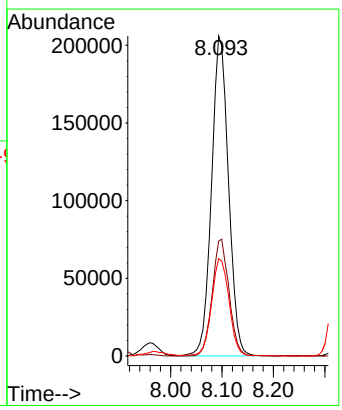
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

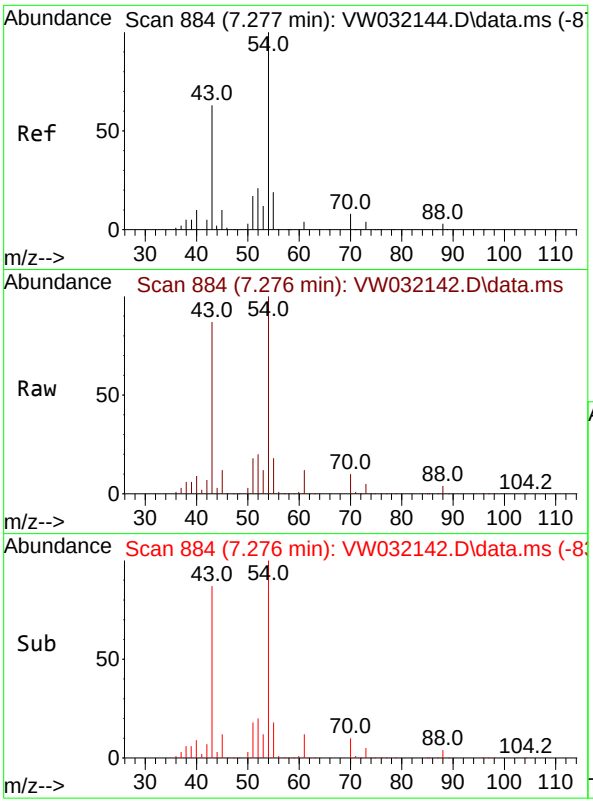


#36
1,1-Dichloropropene
Concen: 142.873 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 472017

Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.5	52.5
77	31.3	24.1	36.1

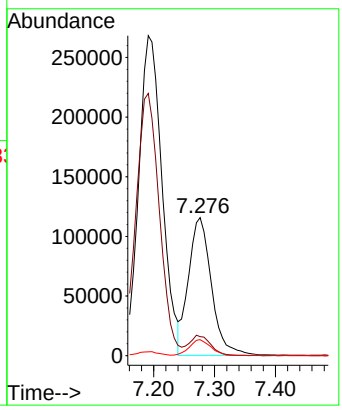




#37
Ethyl Acetate
Concen: 152.685 ug/l
RT: 7.276 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 30260

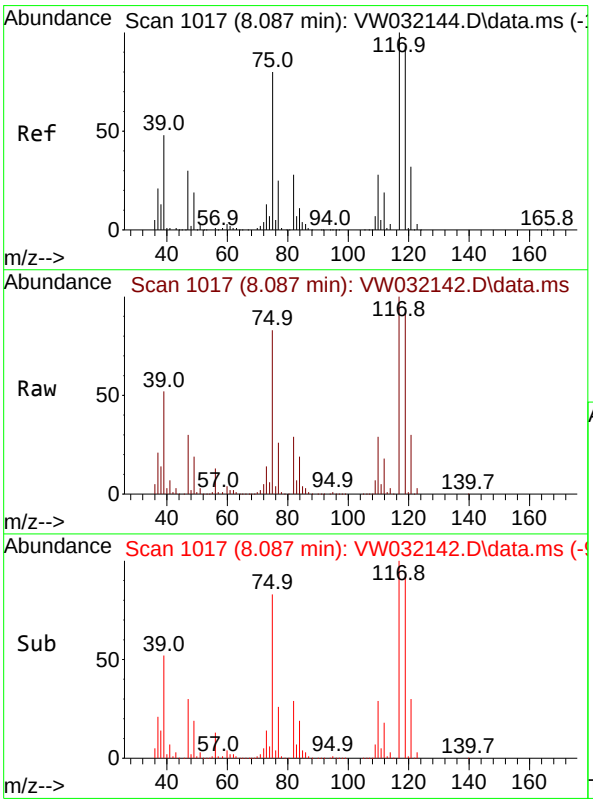
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	11.0	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

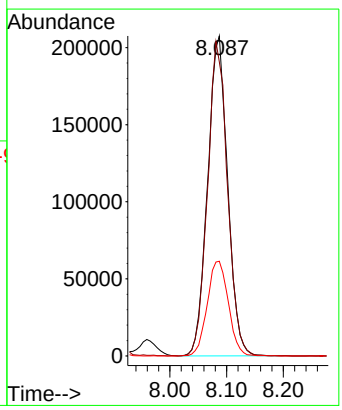
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

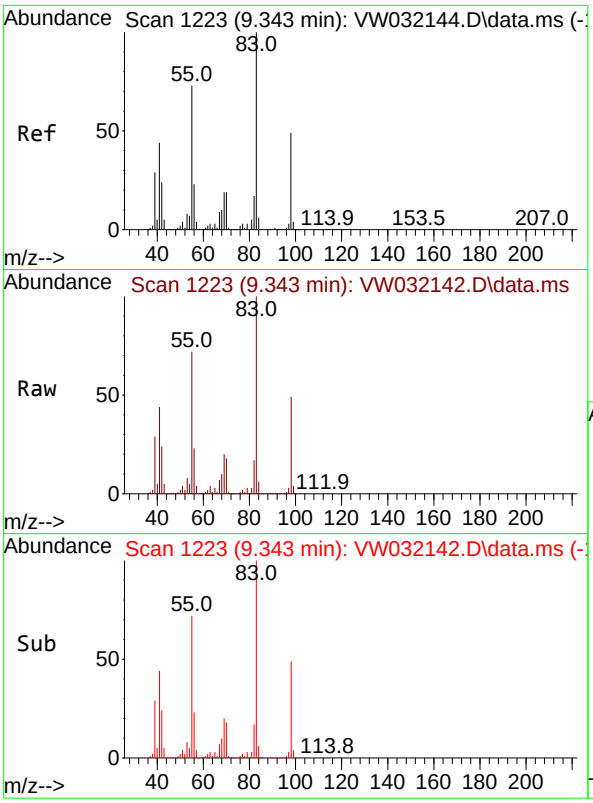


#38
Carbon Tetrachloride
Concen: 143.753 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:117 Resp: 509127

Ion	Ratio	Lower	Upper
117	100		
119	91.9	74.2	111.2
121	29.6	25.6	38.4

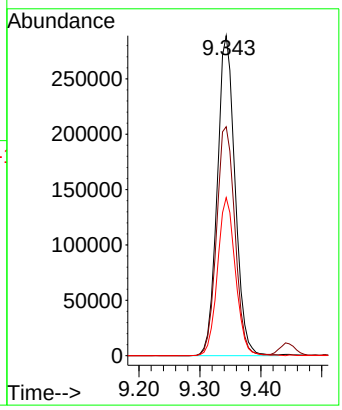




#39
Methylcyclohexane
Concen: 149.682 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 83 Resp: 58572

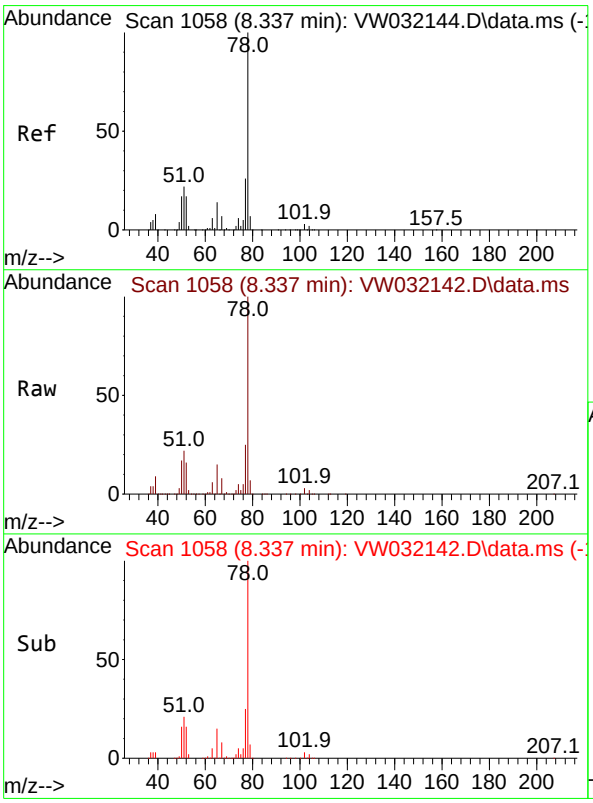
Ion	Ratio	Lower	Upper
83	100		
55	71.5	58.4	87.6
98	49.4	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
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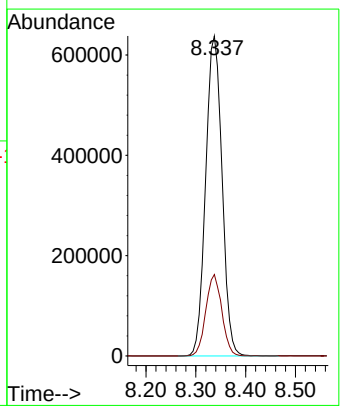
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

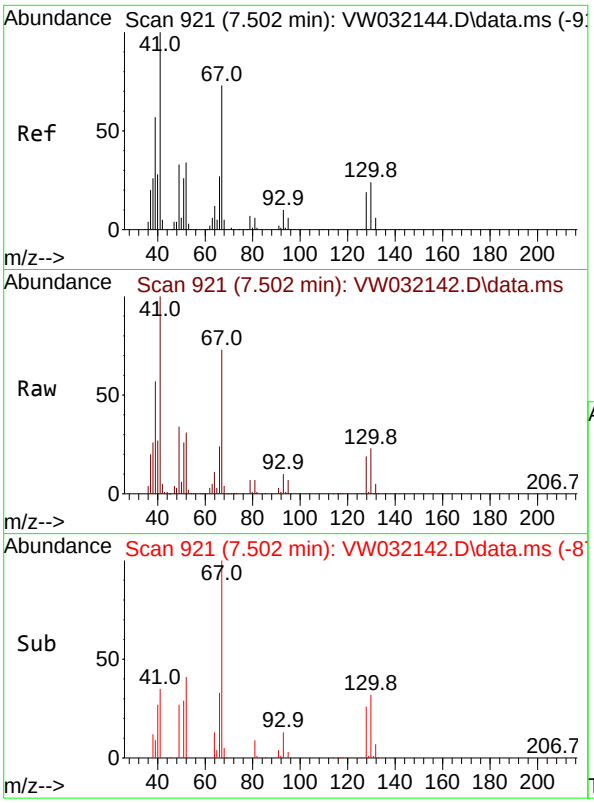


#40
Benzene
Concen: 142.338 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 78 Resp: 1453606

Ion	Ratio	Lower	Upper
78	100		
77	25.4	20.7	31.1

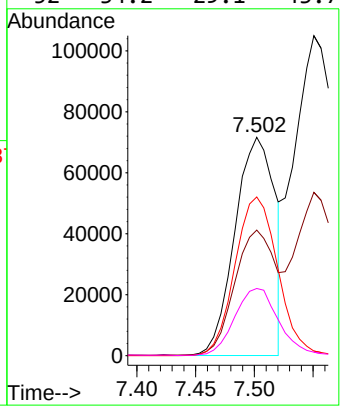




#41
Methacrylonitrile
Concen: 153.505 ug/l
RT: 7.502 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 41 Resp: 16902

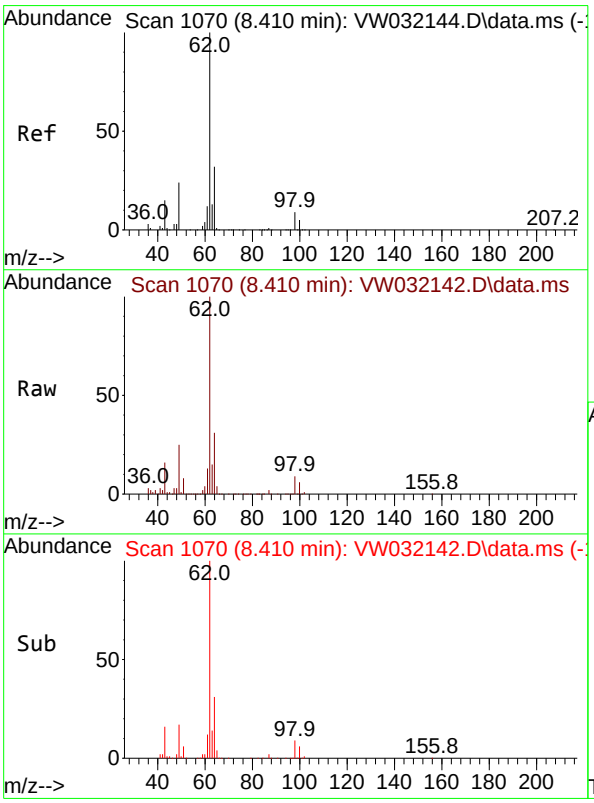
Ion	Ratio	Lower	Upper
41	100		
39	57.3	50.9	76.3
67	78.7	65.6	98.4
52	34.2	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

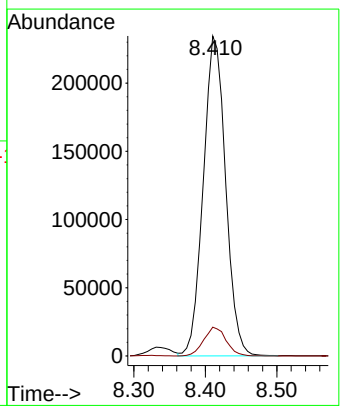
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

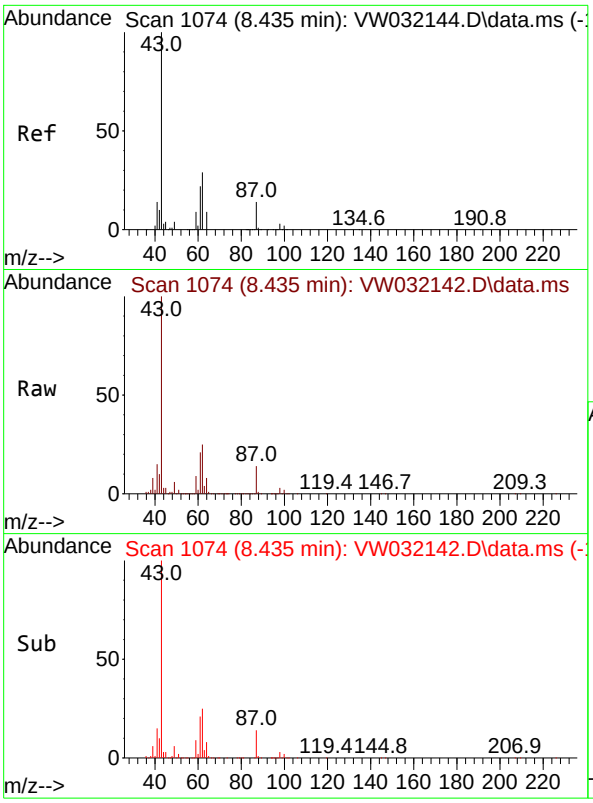


#42
1,2-Dichloroethane
Concen: 143.507 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 62 Resp: 508053

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

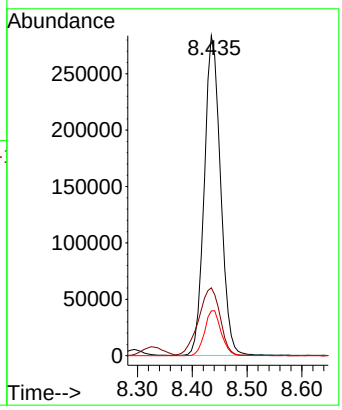




#43
Isopropyl Acetate
Concen: 156.822 ug/l
RT: 8.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 58307

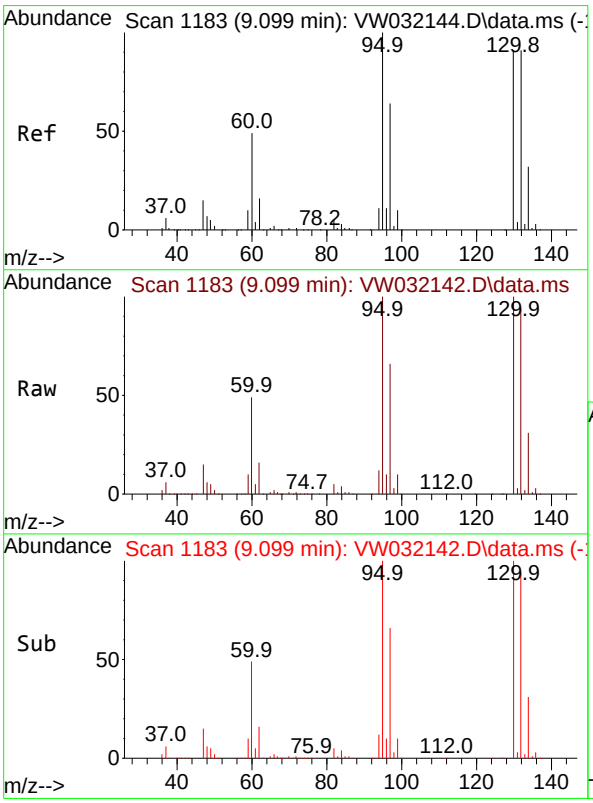
Ion	Ratio	Lower	Upper
43	100		
61	28.1	23.3	34.9
87	14.3	11.1	16.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

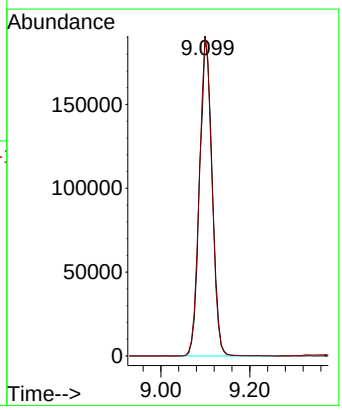
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

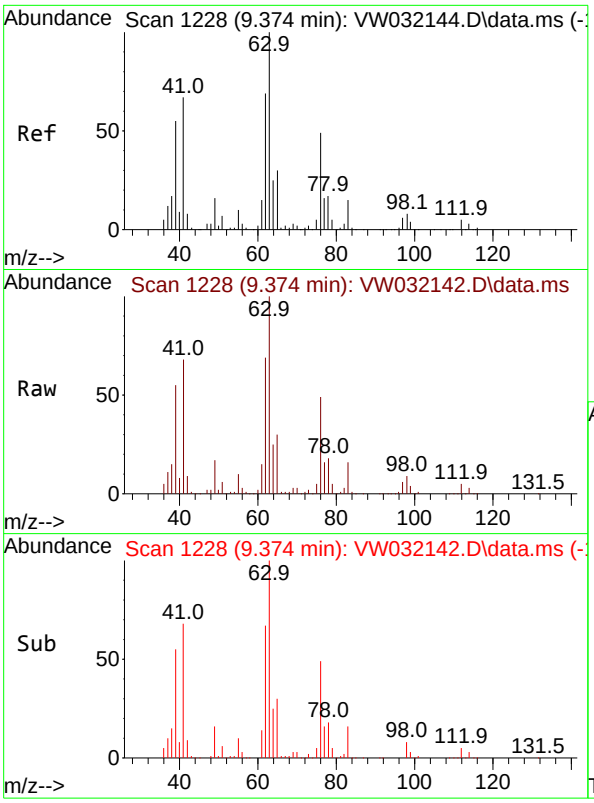


#44
Trichloroethene
Concen: 145.505 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:130 Resp: 373687

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	220.0

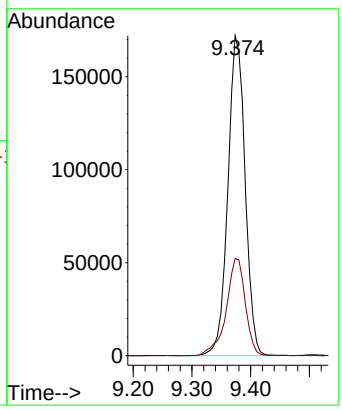




#45
1,2-Dichloropropane
Concen: 142.666 ug/l
RT: 9.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 63 Resp: 35121

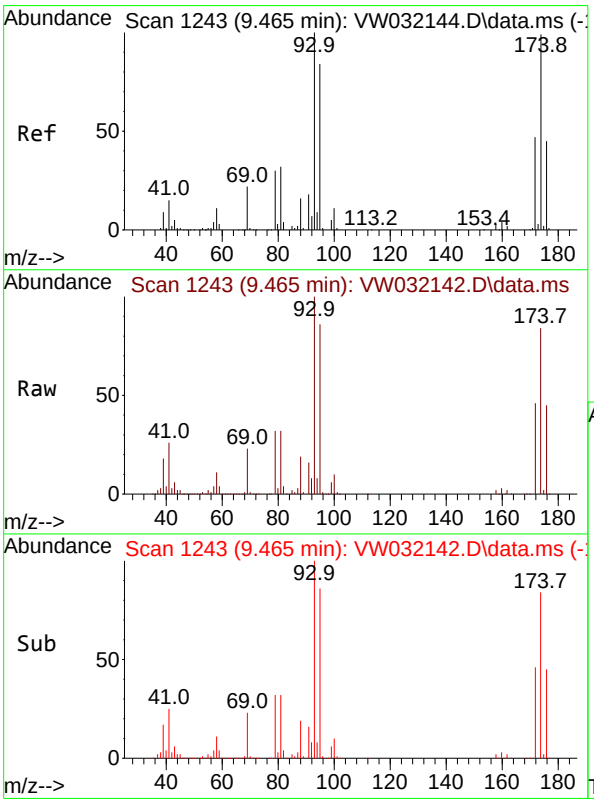
Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

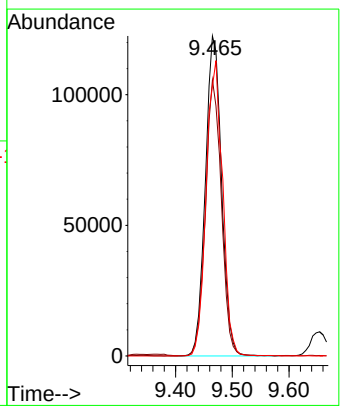
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

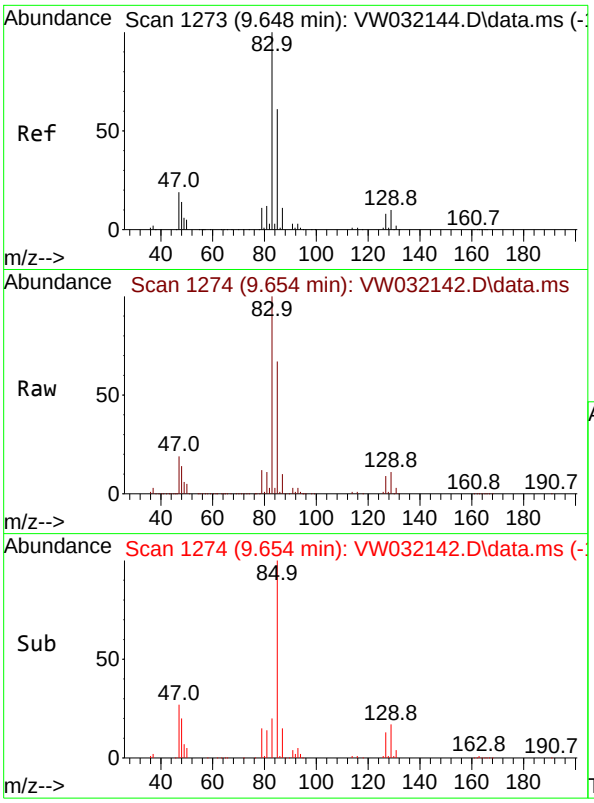


#46
Dibromomethane
Concen: 141.000 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 93 Resp: 243465

Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.4	101.2
174	93.2	75.7	113.5

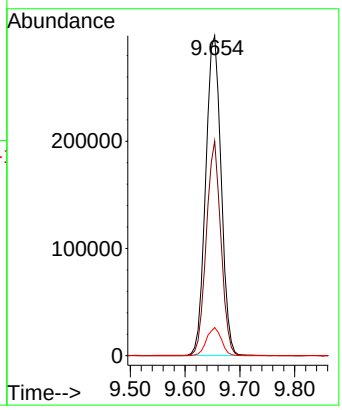




#47
Bromodichloromethane
Concen: 148.131 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 83 Resp: 58125

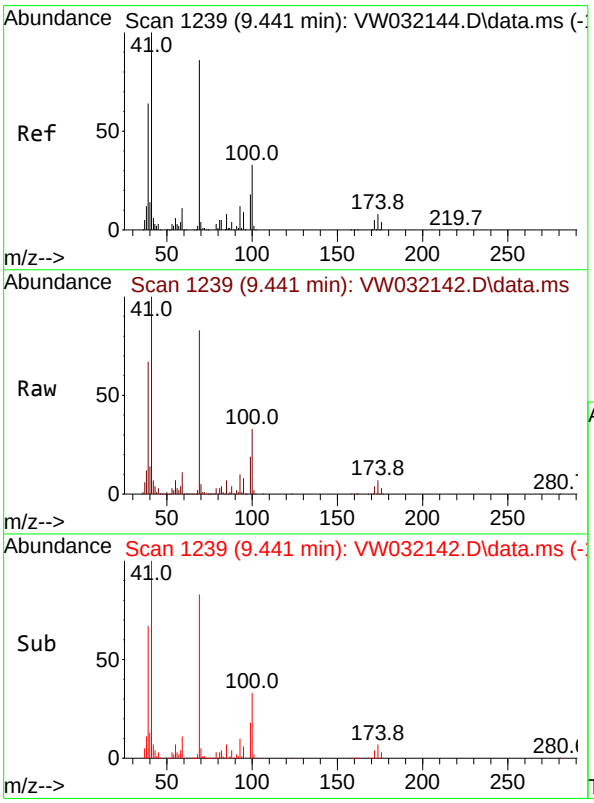
Ion	Ratio	Lower	Upper
83	100		
85	67.1	48.7	73.1
127	8.8	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

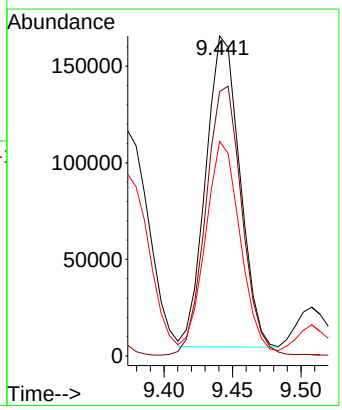
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

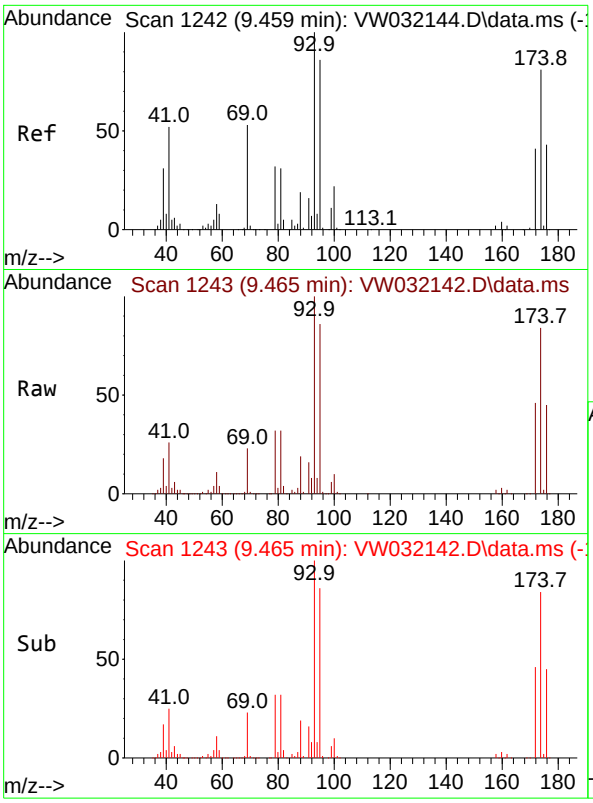


#48
Methyl methacrylate
Concen: 162.575 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 41 Resp: 278566

Ion	Ratio	Lower	Upper
41	100		
69	92.2	71.5	107.3
39	71.2	55.9	83.9

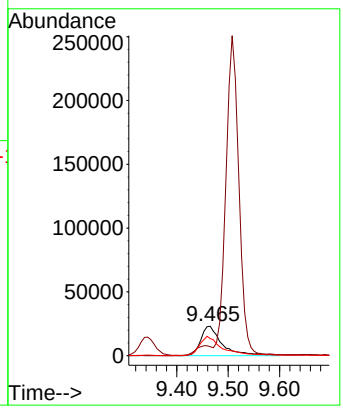




#49
1,4-Dioxane
Concen: 3197.399 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 88 Resp: 6670

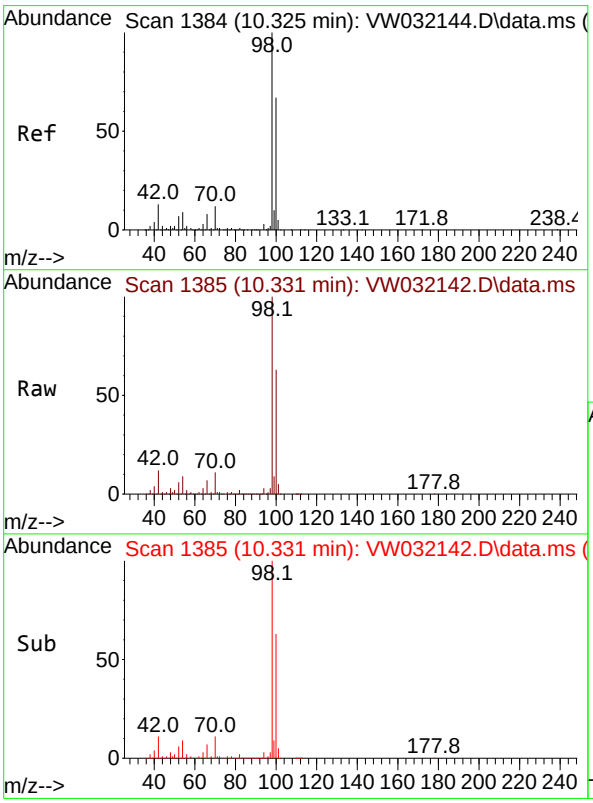
Ion	Ratio	Lower	Upper
88	100		
43	25.6	18.0	27.0
58	70.1	55.4	83.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

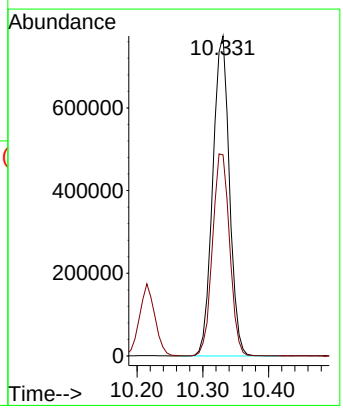
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

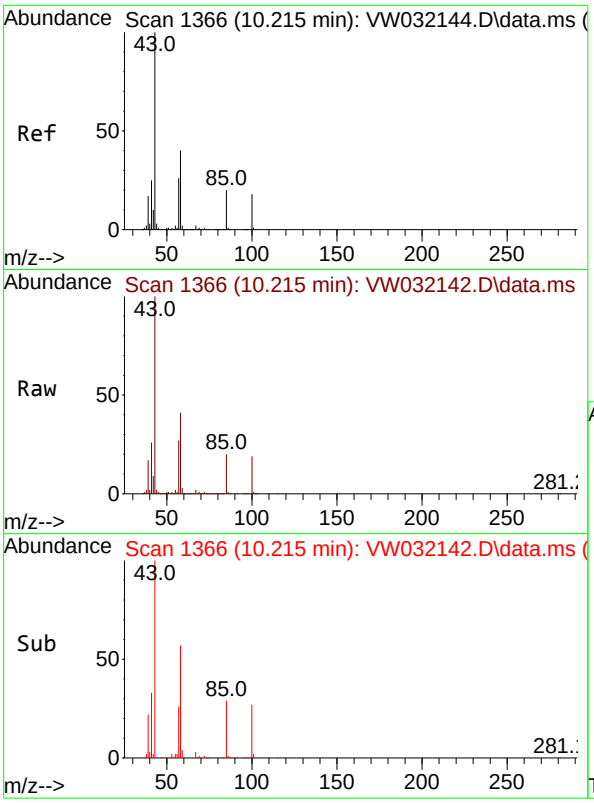


#50
Toluene-d8
Concen: 152.629 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 98 Resp: 1365264

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.4	77.2





#51
4-Methyl-2-Pentanone
Concen: 762.051 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

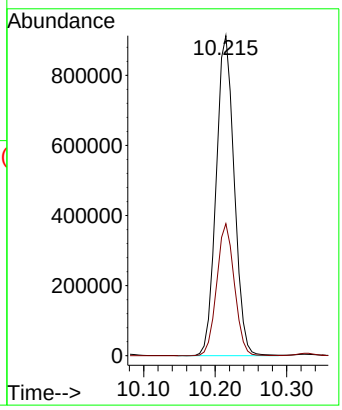
Tgt Ion: 43 Resp: 159986

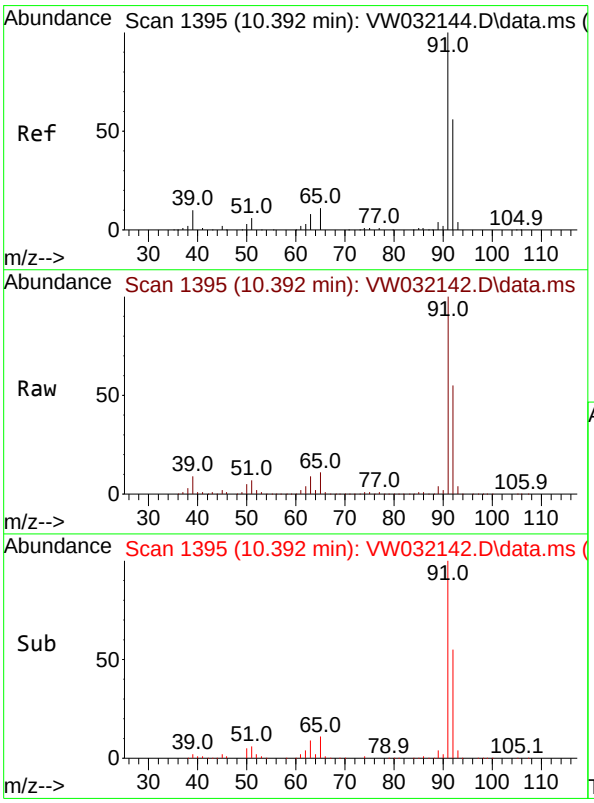
Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.0	48.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

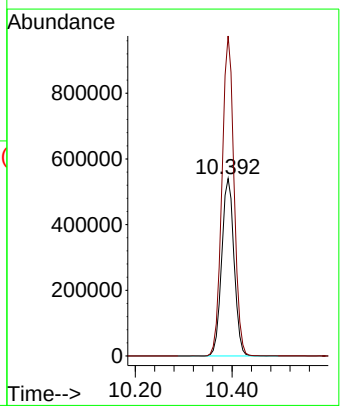


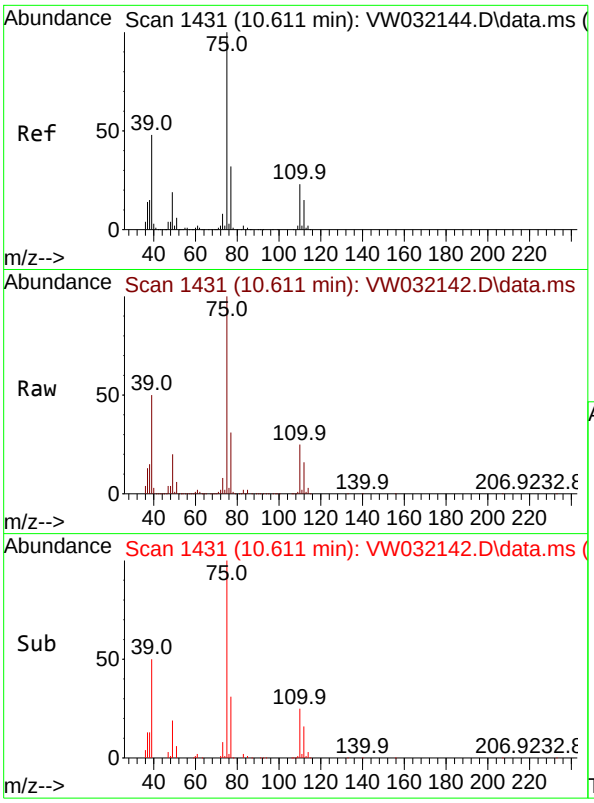


#52
Toluene
Concen: 143.435 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 92 Resp: 957220

Ion	Ratio	Lower	Upper
92	100		
91	175.9	137.5	206.3

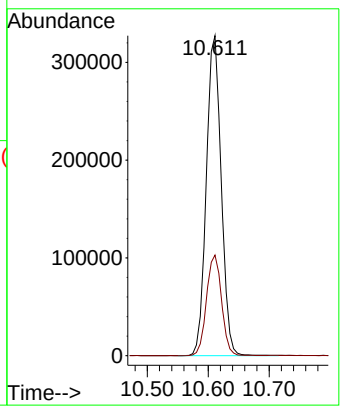




#53
t-1,3-Dichloropropene
Concen: 160.564 ug/l
RT: 10.611 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 55580

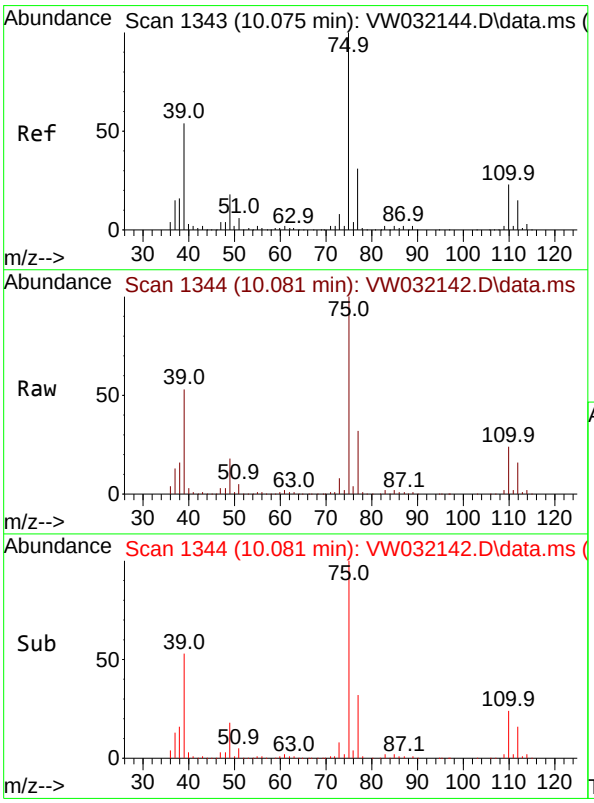
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.6	38.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

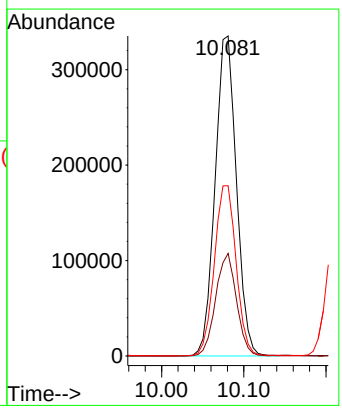
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

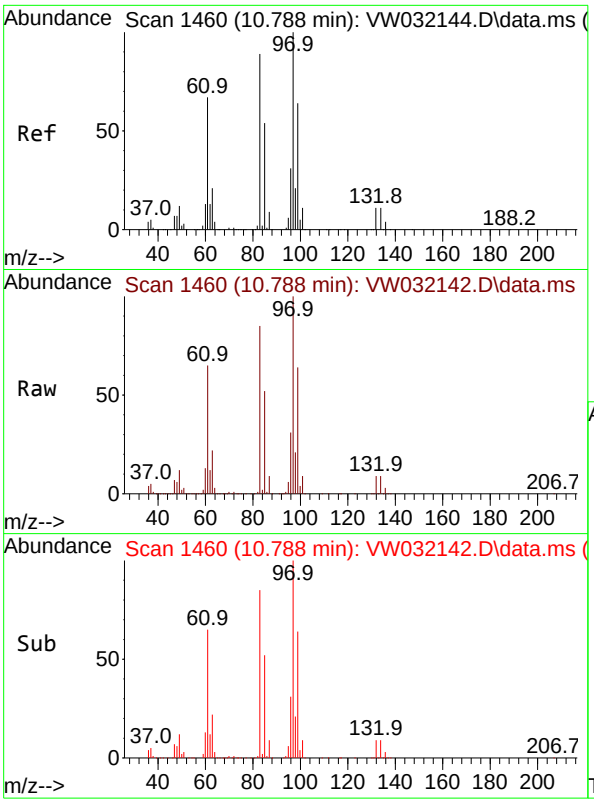


#54
cis-1,3-Dichloropropene
Concen: 153.074 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 604600

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7
39	53.1	43.2	64.8

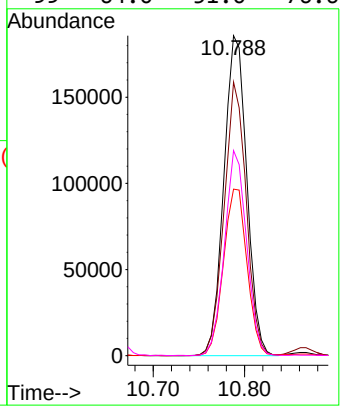




#55
1,1,2-Trichloroethane
Concen: 144.392 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 97 Resp: 32421

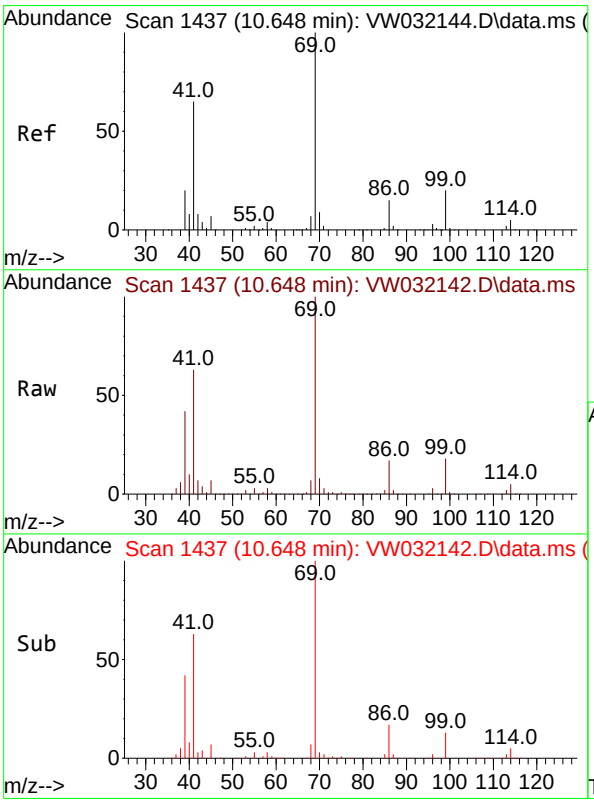
Ion	Ratio	Lower	Upper
97	100		
83	85.5	71.0	106.6
85	52.0	42.8	64.2
99	64.0	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

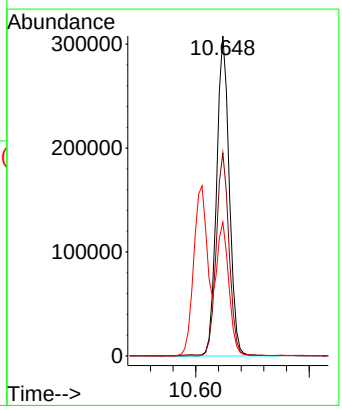
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

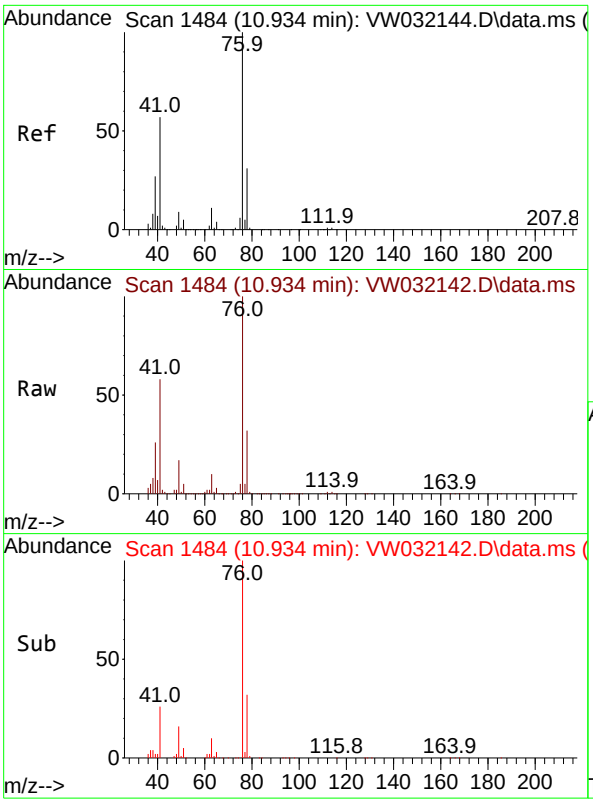


#56
Ethyl methacrylate
Concen: 165.894 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 69 Resp: 476215

Ion	Ratio	Lower	Upper
69	100		
41	63.9	53.2	79.8
39	39.7	32.9	49.3

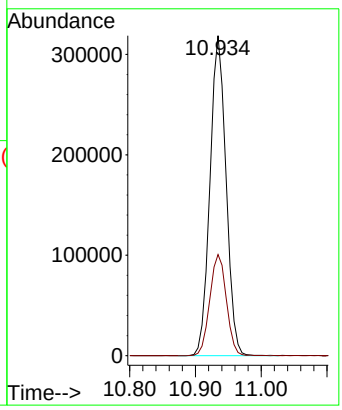




#57
1,3-Dichloropropane
Concen: 144.209 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 76 Resp: 54217

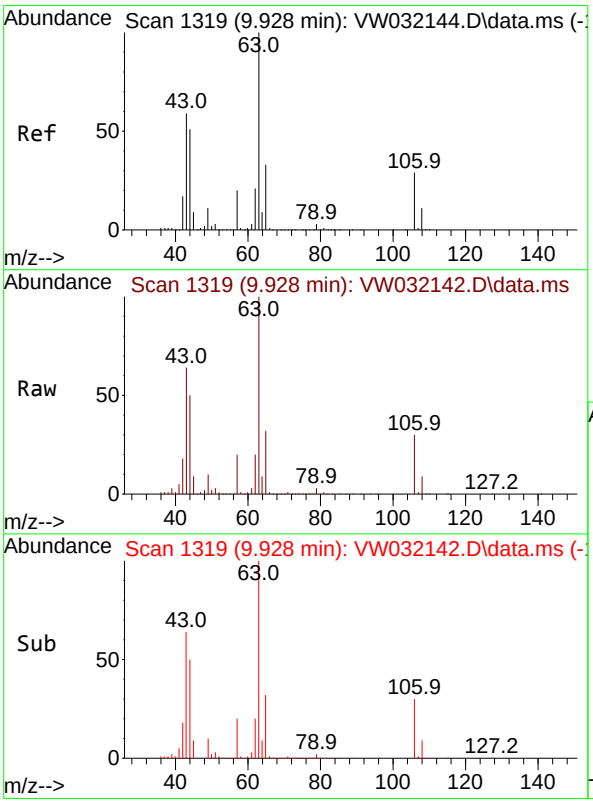
Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

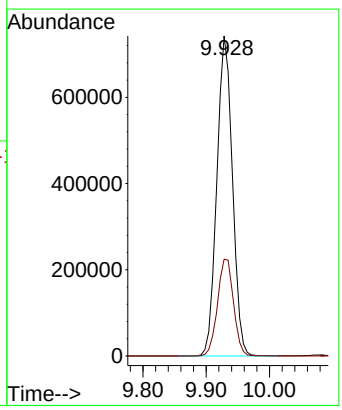
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

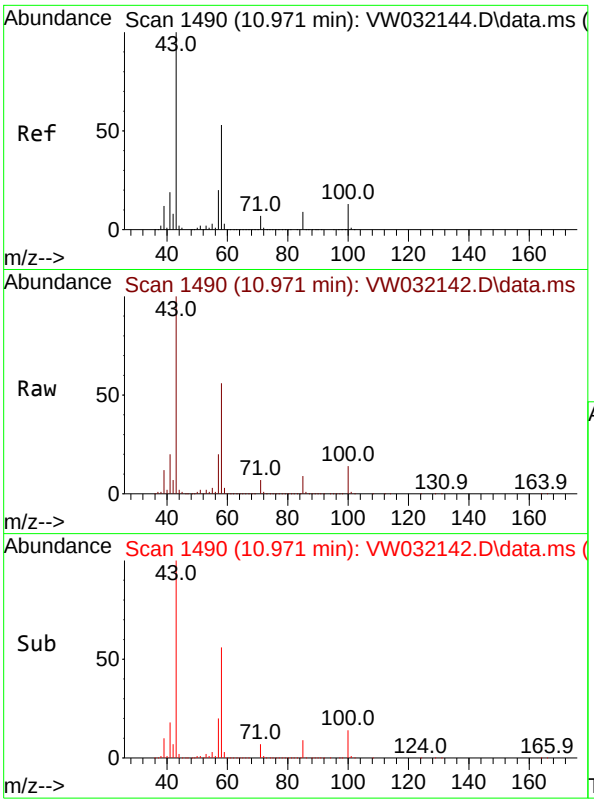


#58
2-Chloroethyl Vinyl ether
Concen: 825.160 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 63 Resp: 1264307

Ion	Ratio	Lower	Upper
63	100		
106	31.1	24.3	36.5

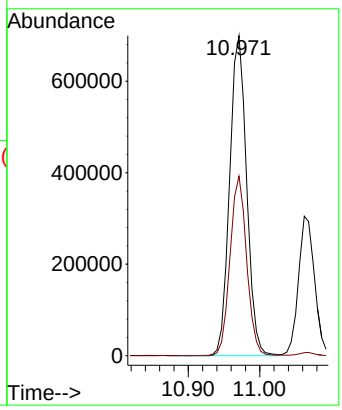




#59
2-Hexanone
Concen: 789.253 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 115238

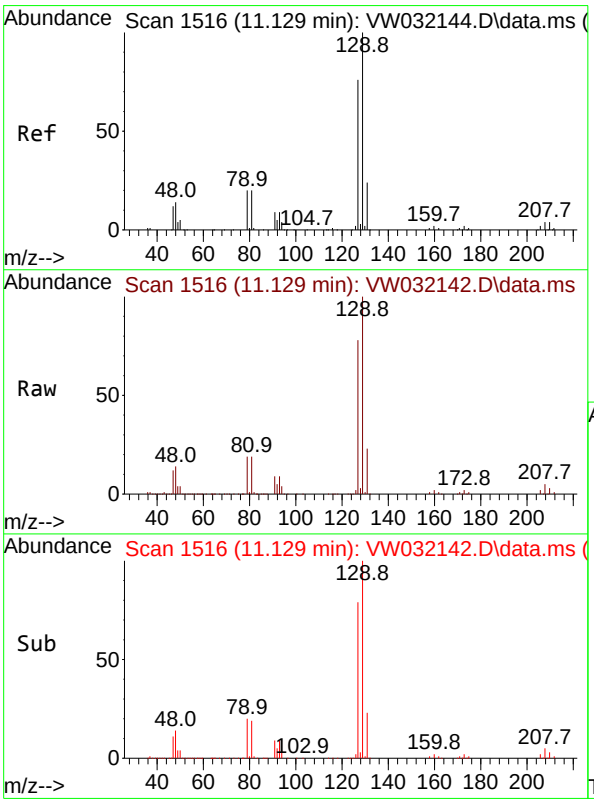
Ion	Ratio	Lower	Upper
43	100		
58	54.9	27.5	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

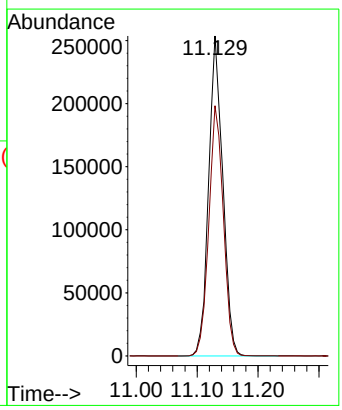
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

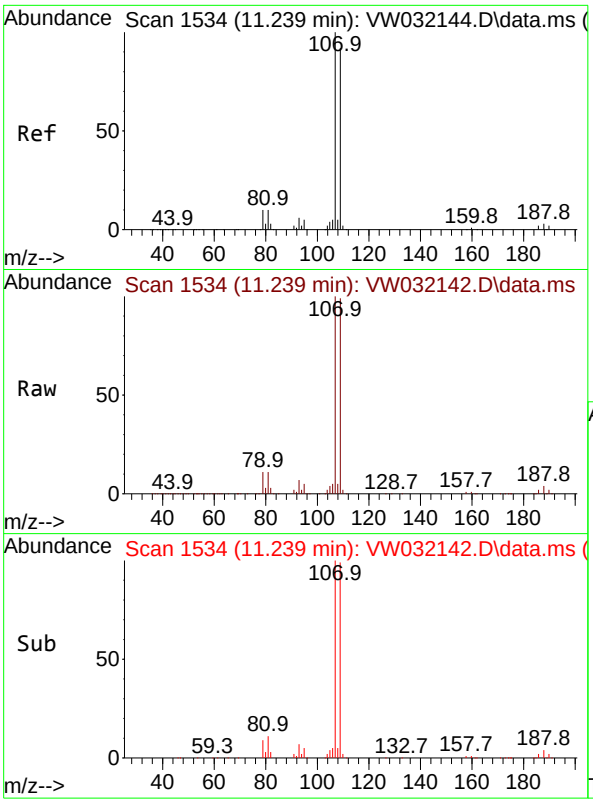


#60
Dibromochloromethane
Concen: 150.438 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:129 Resp: 408737

Ion	Ratio	Lower	Upper
129	100		
127	80.3	38.1	114.5

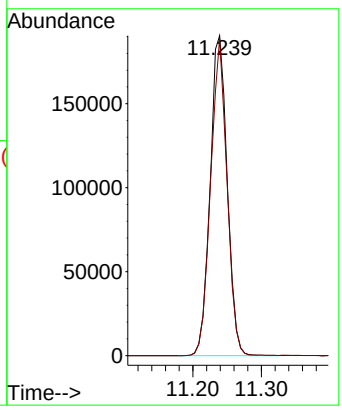




#61
1,2-Dibromoethane
Concen: 149.669 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:107 Resp: 33047

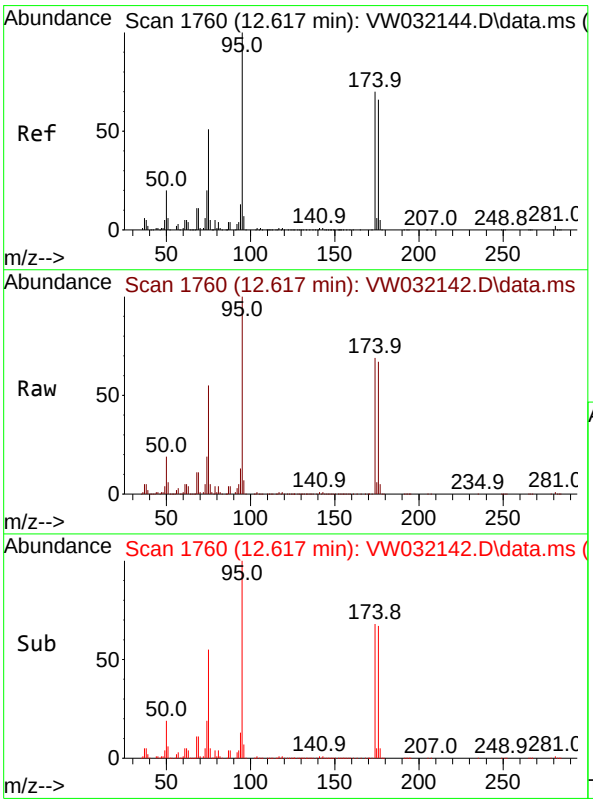
Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.5	111.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

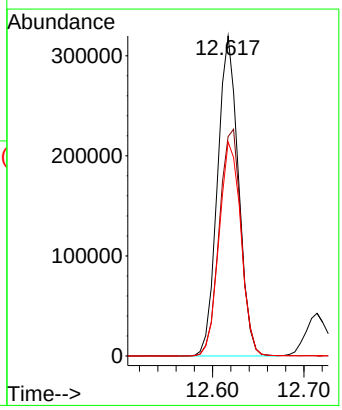
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

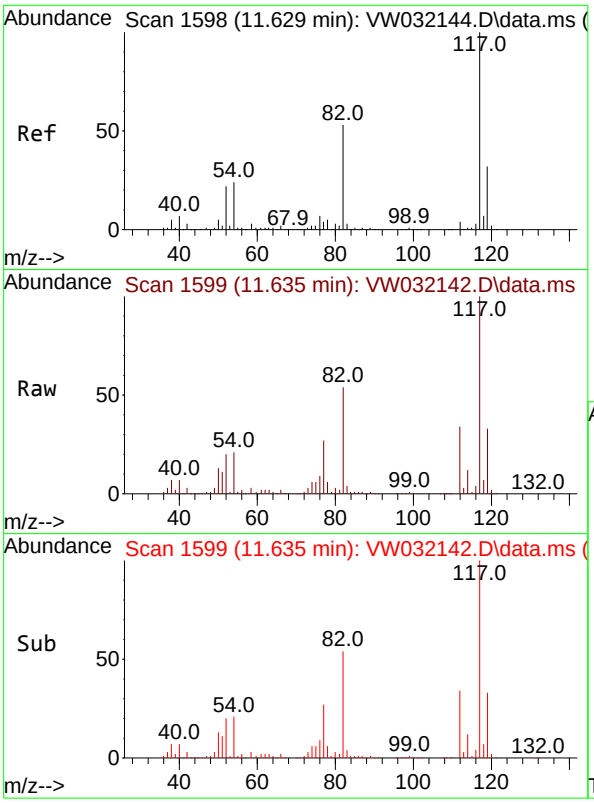


#62
4-Bromofluorobenzene
Concen: 154.039 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 95 Resp: 509512

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	145.6
176	69.8	0.0	140.8

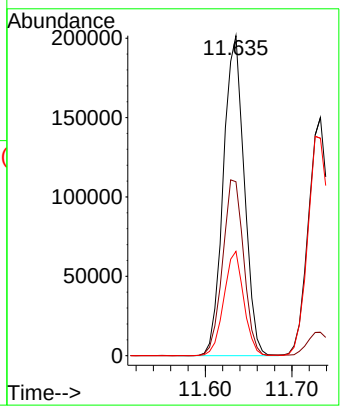




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:117 Resp: 33759

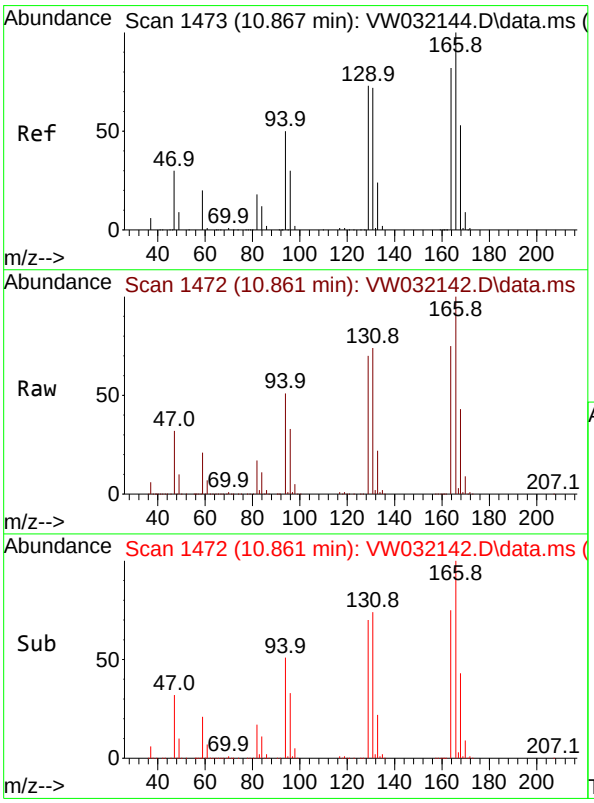
Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.7	64.1
119	32.6	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

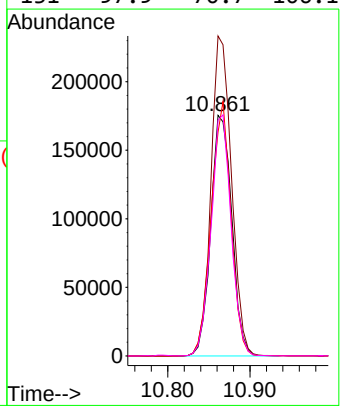
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

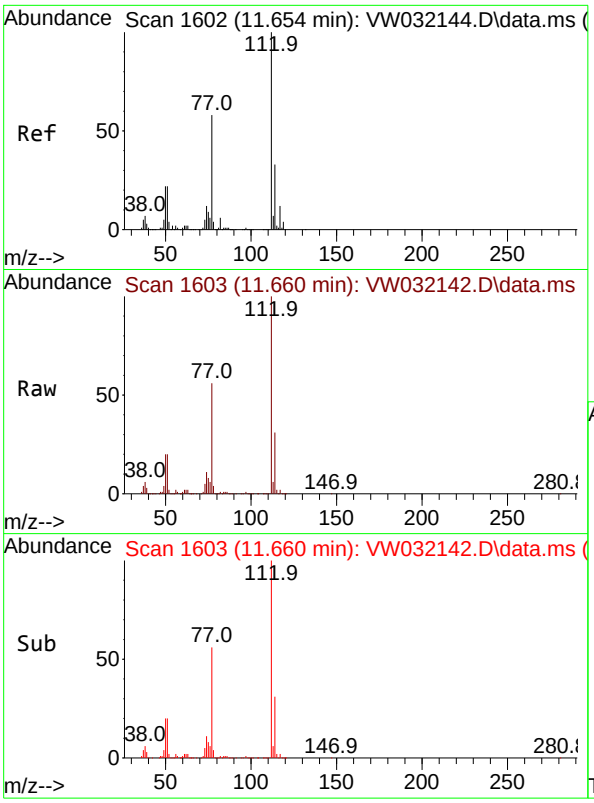


#64
Tetrachloroethene
Concen: 140.272 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:164 Resp: 311674

Ion	Ratio	Lower	Upper
164	100		
166	133.0	97.5	146.3
129	93.1	71.2	106.8
131	97.9	70.7	106.1

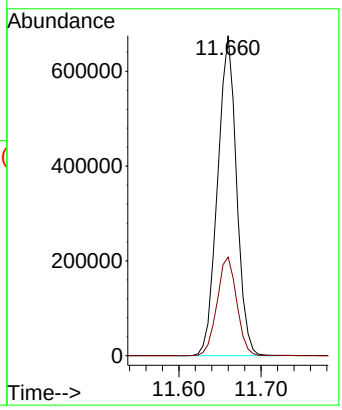




#65
Chlorobenzene
Concen: 140.873 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:112 Resp: 108249

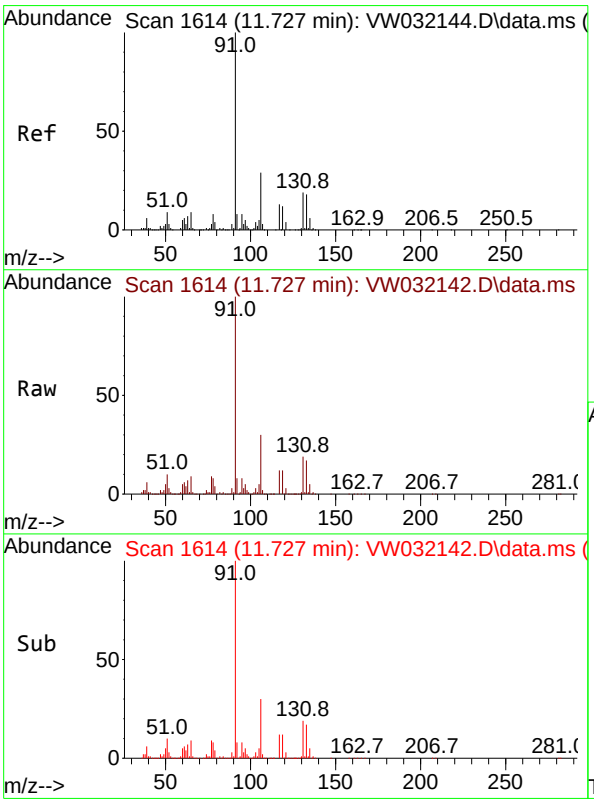
Ion	Ratio	Lower	Upper
112	100		
114	30.8	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
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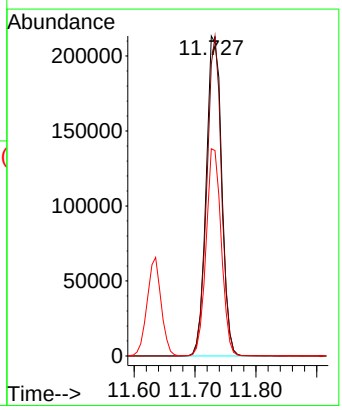
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

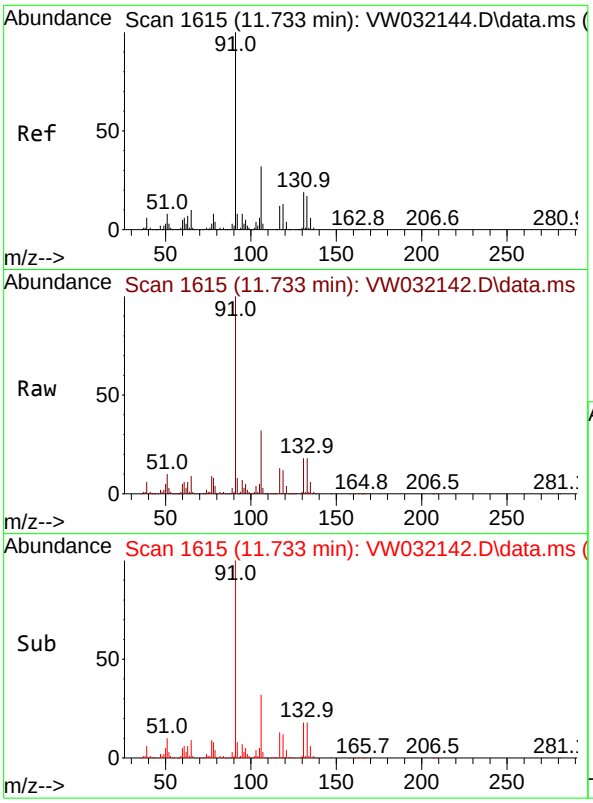


#66
1,1,1,2-Tetrachloroethane
Concen: 148.901 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:131 Resp: 376695

Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.7	143.1
119	63.5	32.8	98.3

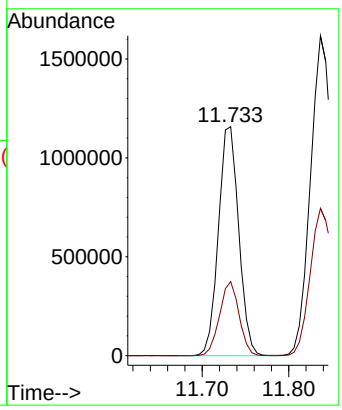




#67
Ethyl Benzene
Concen: 149.806 ug/l
RT: 11.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 91 Resp: 188604

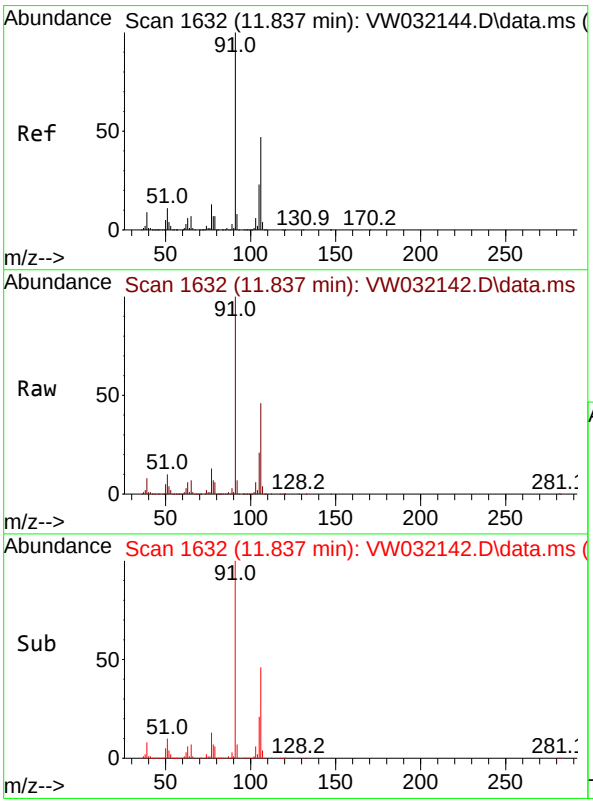
Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
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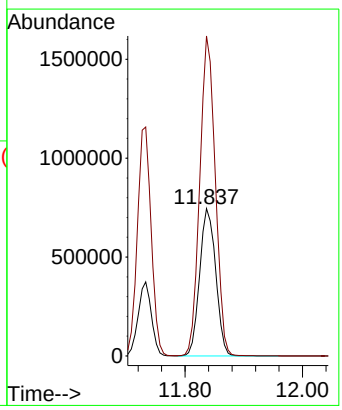
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

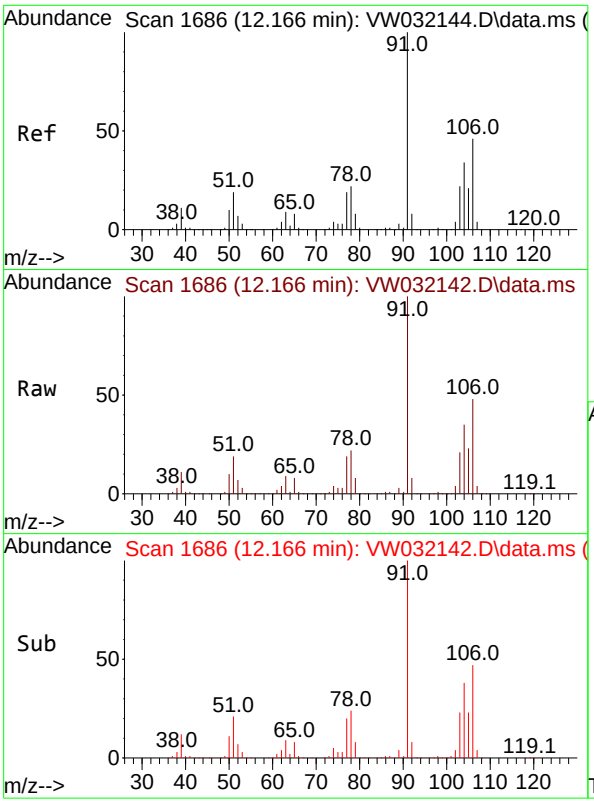


#68
m/p-Xylenes
Concen: 292.350 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:106 Resp: 1416558

Ion	Ratio	Lower	Upper
106	100		
91	209.9	164.2	246.2





#69
o-Xylene
Concen: 154.451 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

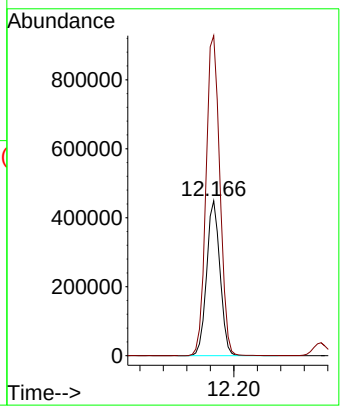
Tgt Ion:106 Resp: 70788

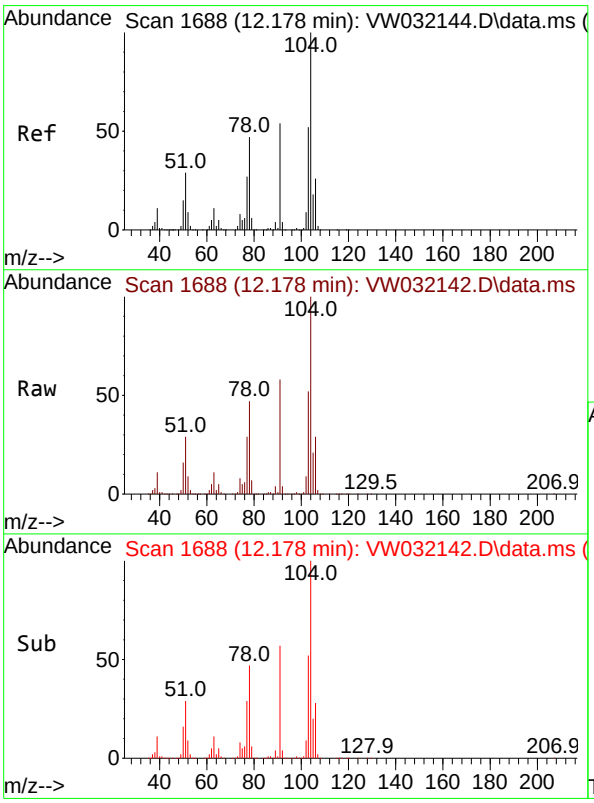
Ion	Ratio	Lower	Upper
106	100		
91	214.6	108.7	326.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

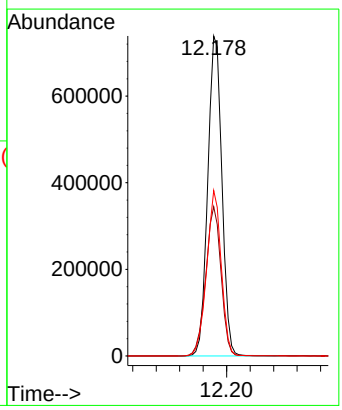


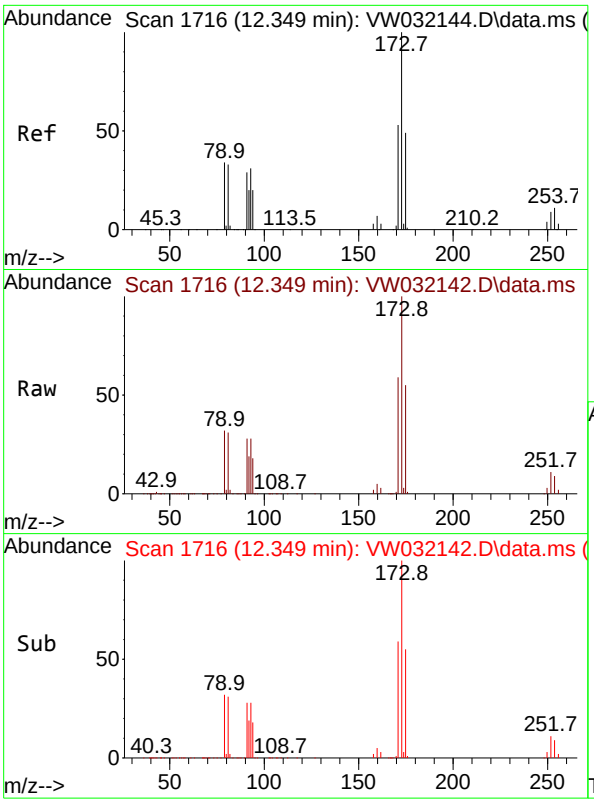


#70
Styrene
Concen: 153.051 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:104 Resp: 1236547

Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.6	62.4
103	53.3	44.8	67.2

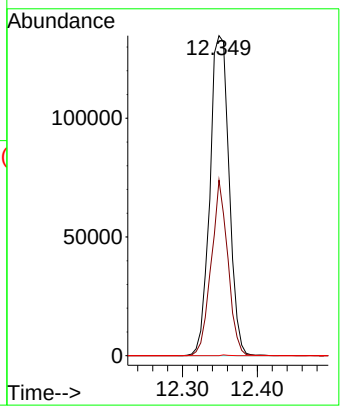




#71
Bromoform
Concen: 160.118 ug/l
RT: 12.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:173 Resp: 24058

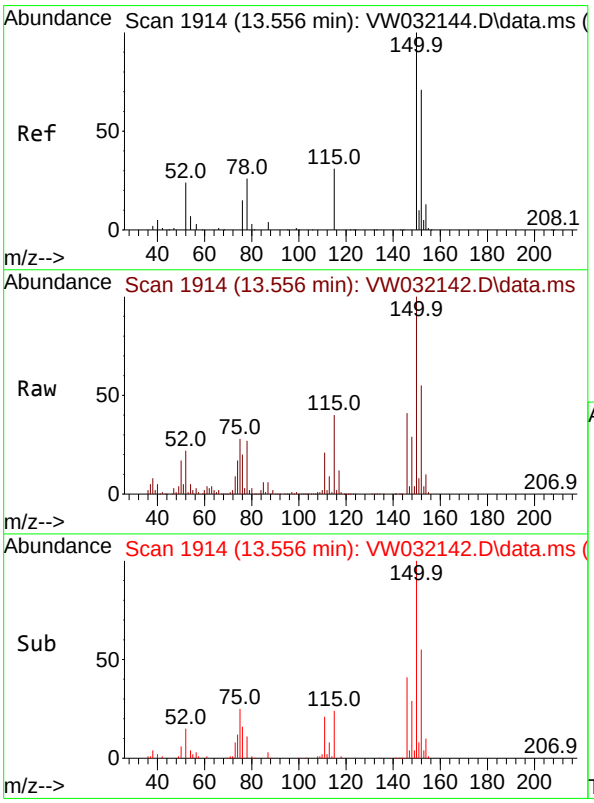
Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.9	74.7
254	0.1	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

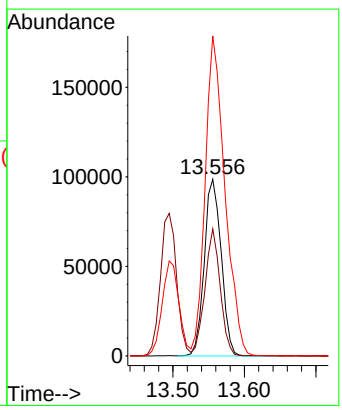
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

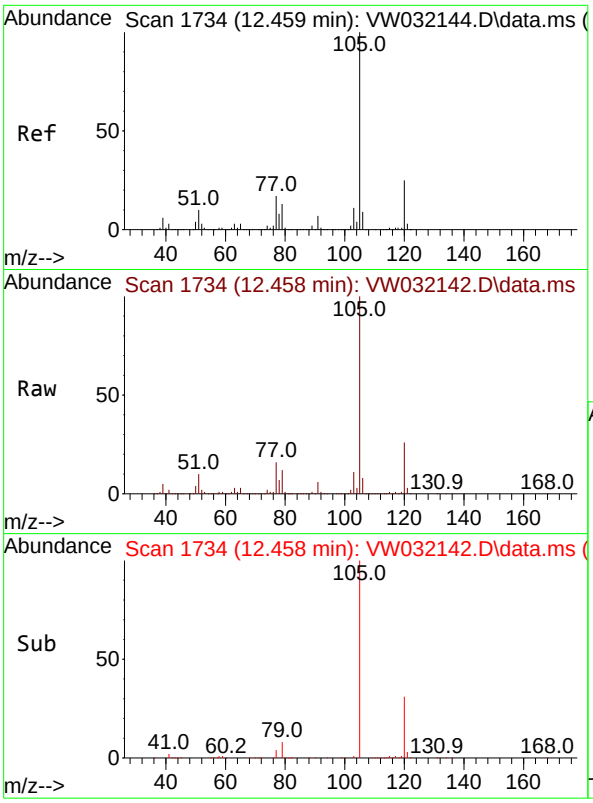


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:152 Resp: 162485

Ion	Ratio	Lower	Upper
152	100		
115	64.5	31.8	95.4
150	210.7	0.0	343.0

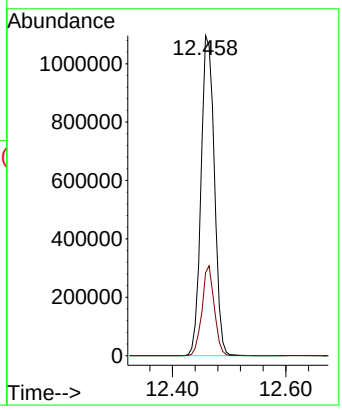




#73
Isopropylbenzene
Concen: 161.883 ug/l
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:105 Resp: 178697

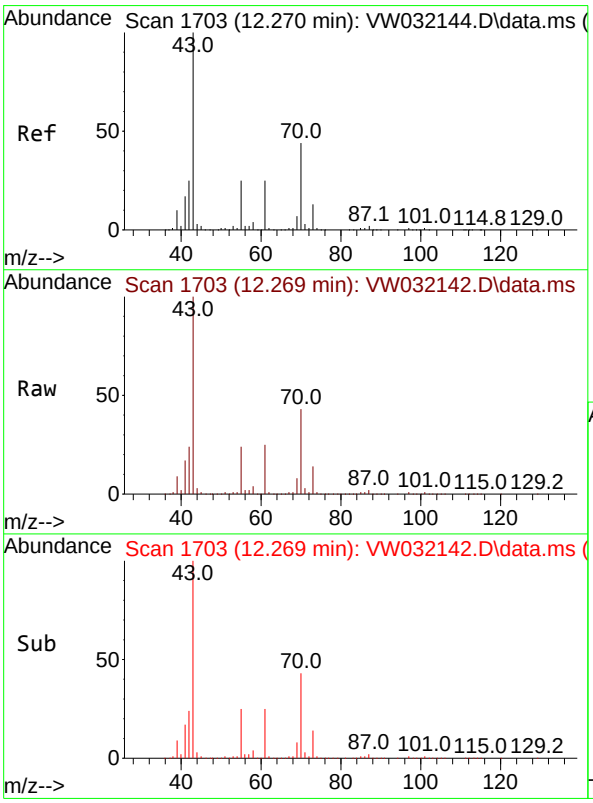
Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.0	38.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
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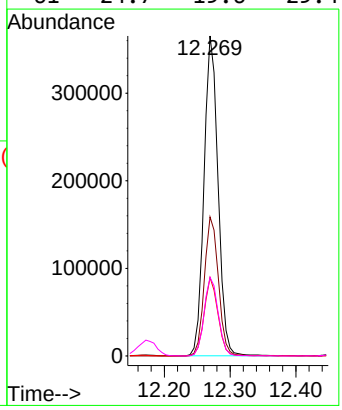
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

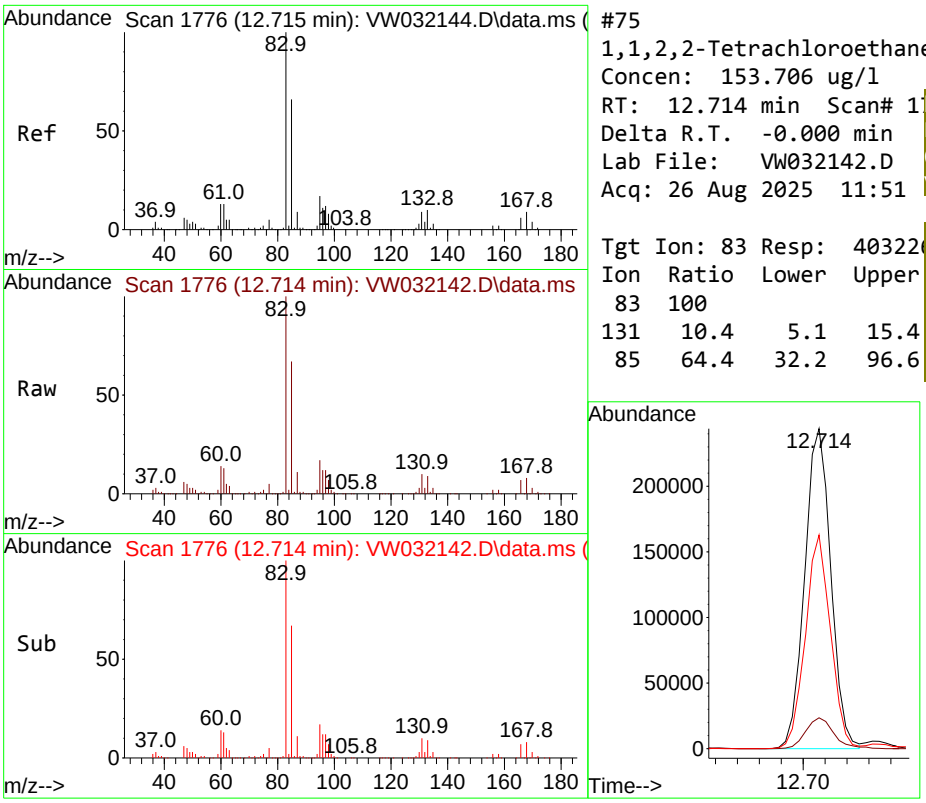


#74
N-amyl acetate
Concen: 169.156 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 43 Resp: 542121

Ion	Ratio	Lower	Upper
43	100		
70	43.7	35.3	52.9
55	24.1	19.9	29.9
61	24.7	19.6	29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 153.706 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

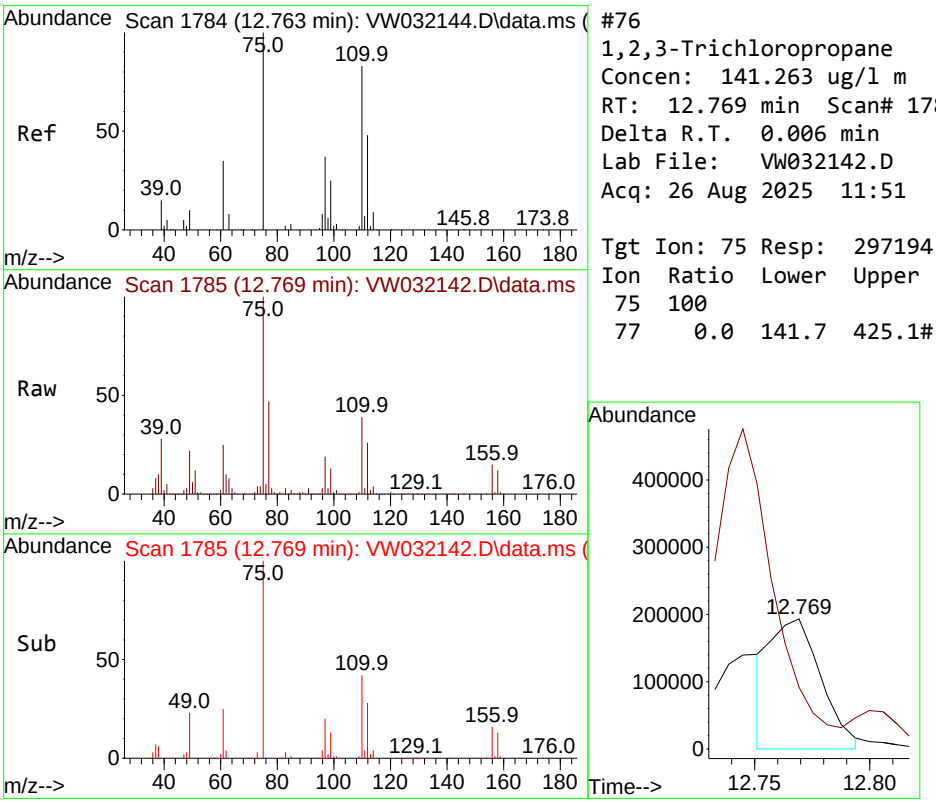
Tgt Ion: 83 Resp: 40322

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.4
85	64.4	32.2	96.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

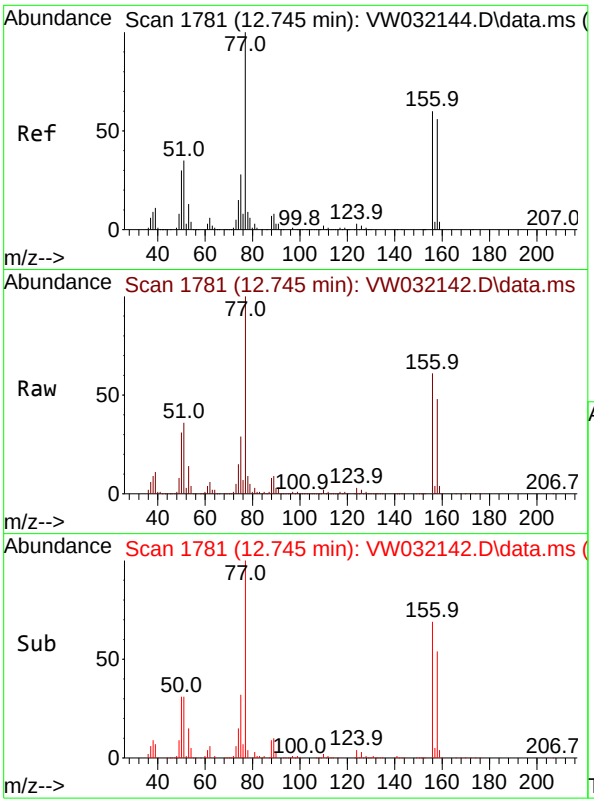
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#76
1,2,3-Trichloropropane
Concen: 141.263 ug/l m
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 297194

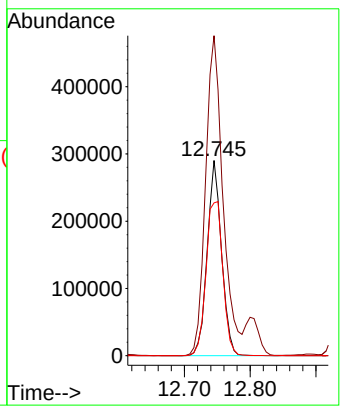
Ion	Ratio	Lower	Upper
75	100		
77	0.0	141.7	425.1#



#77
Bromobenzene
Concen: 156.481 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:156 Resp: 44048

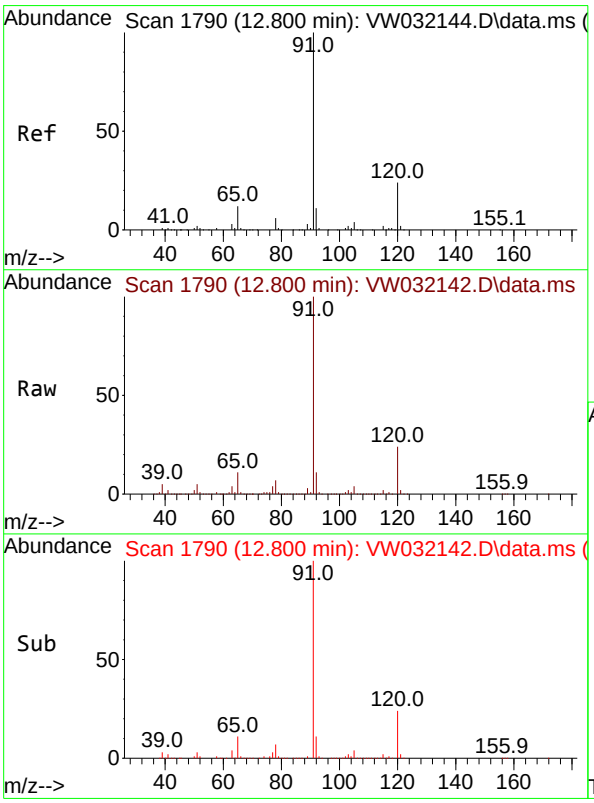
Ion	Ratio	Lower	Upper
156	100		
77	198.5	98.6	295.7
158	92.8	48.4	145.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

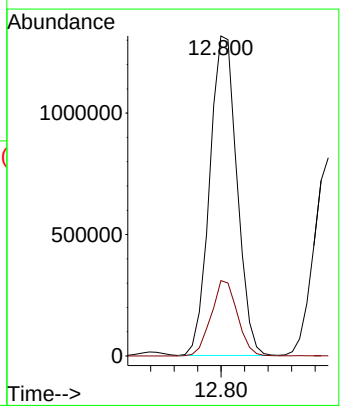
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

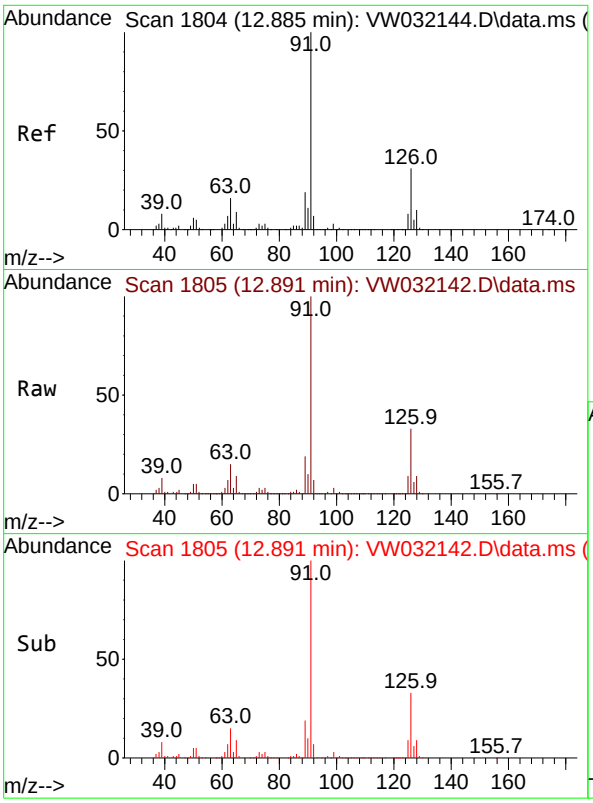


#78
n-propylbenzene
Concen: 158.250 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 91 Resp: 2120830

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.8	35.4

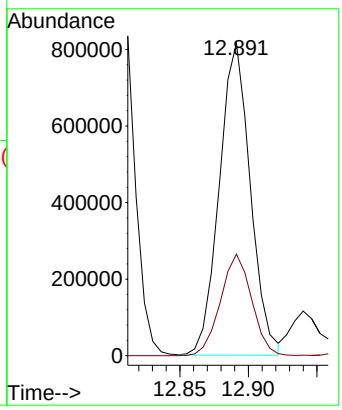




#79
2-Chlorotoluene
Concen: 156.618 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 91 Resp: 128352

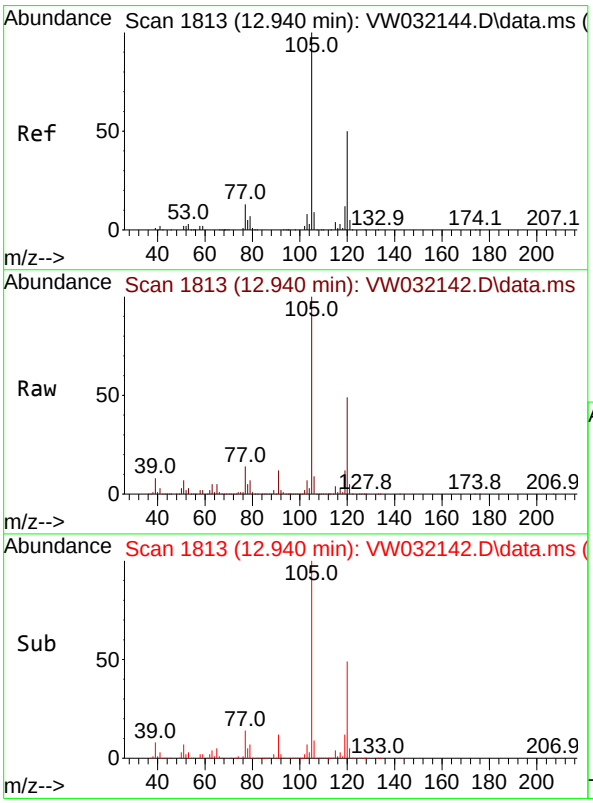
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.6	49.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
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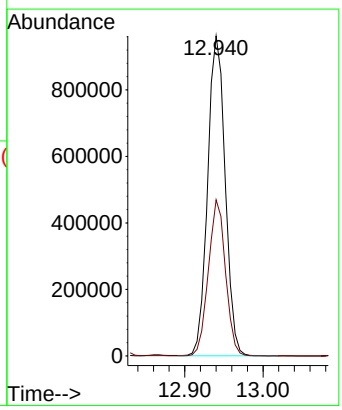
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

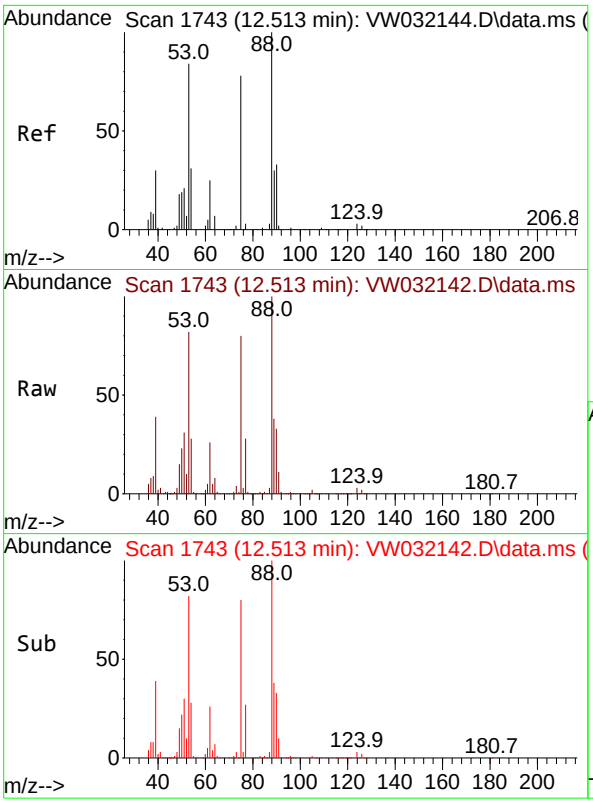


#80
1,3,5-Trimethylbenzene
Concen: 159.771 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:105 Resp: 1493220

Ion	Ratio	Lower	Upper
105	100		
120	47.7	24.8	74.4

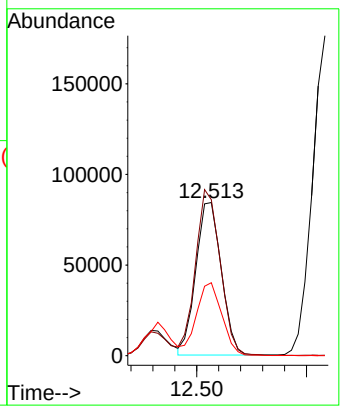




#81
trans-1,4-Dichloro-2-butene
Concen: 179.923 ug/l
RT: 12.513 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 13602

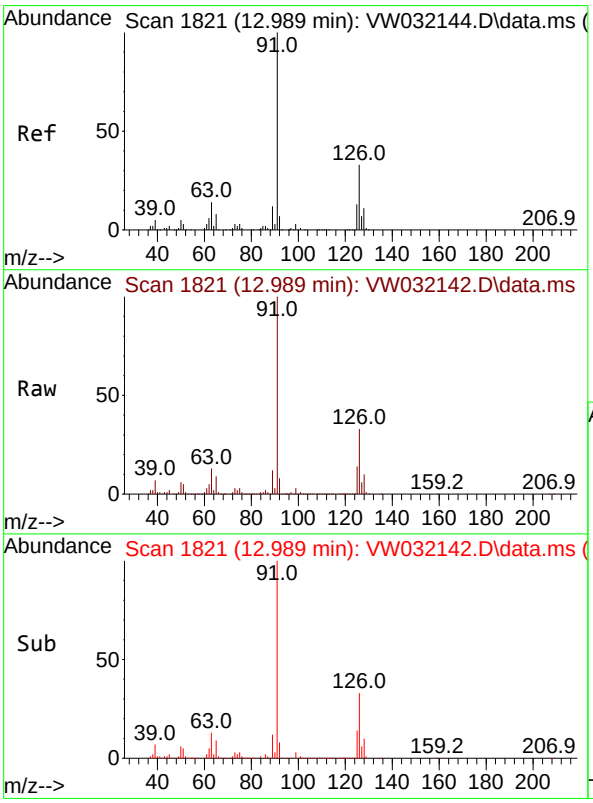
Ion	Ratio	Lower	Upper
75	100		
53	106.1	91.0	136.6
89	48.2	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

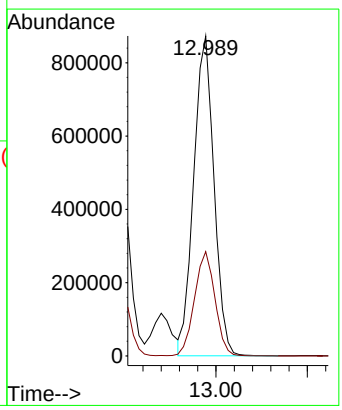
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

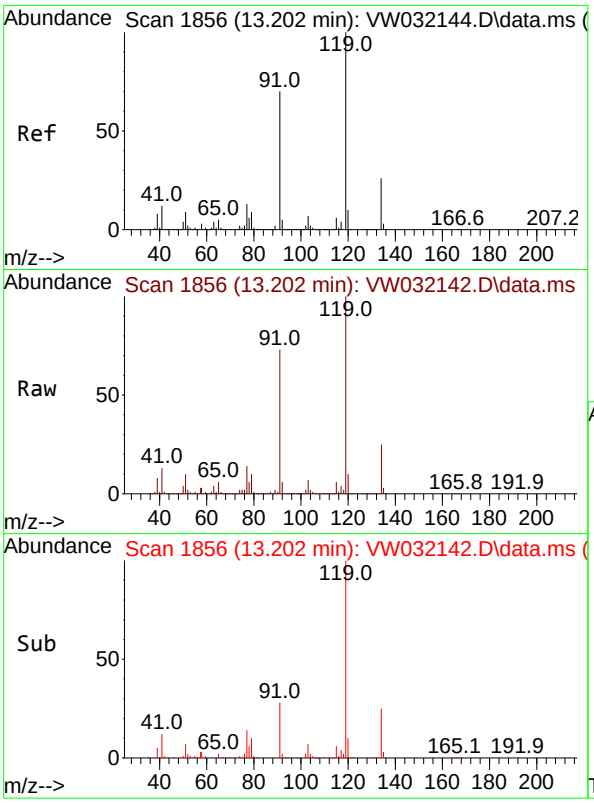


#82
4-Chlorotoluene
Concen: 152.954 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 91 Resp: 1341754

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.2

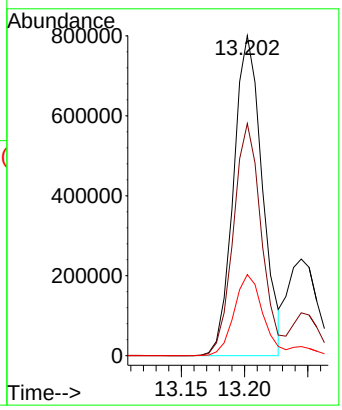




#83
tert-Butylbenzene
Concen: 159.592 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:119 Resp: 126467

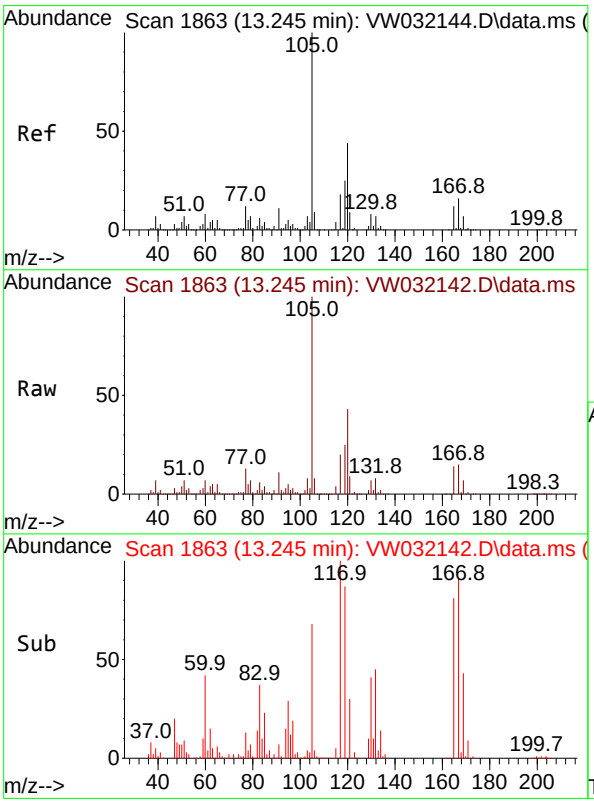
Ion	Ratio	Lower	Upper
119	100		
91	71.6	33.8	101.3
134	25.3	12.5	37.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

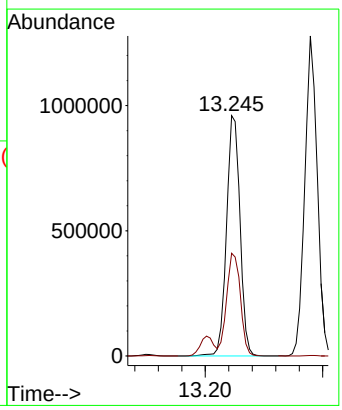
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

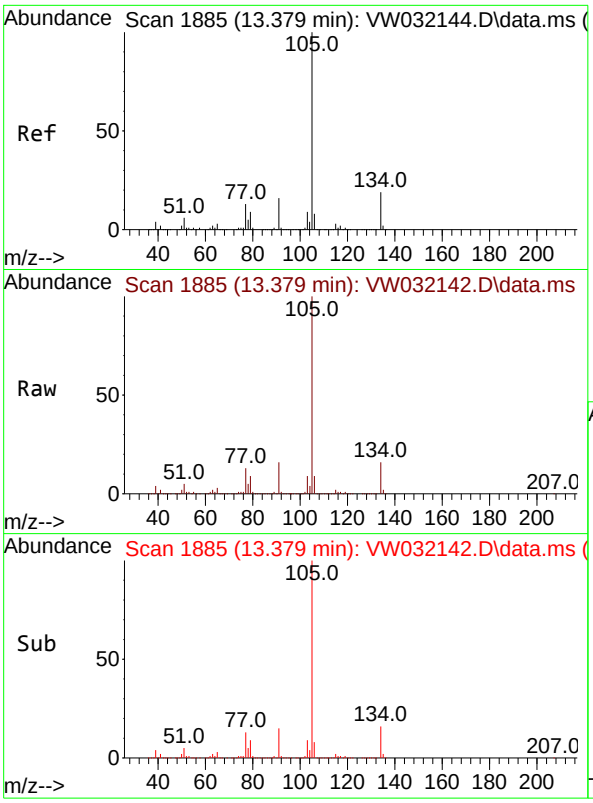


#84
1,2,4-Trimethylbenzene
Concen: 158.090 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:105 Resp: 1528604

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.1	66.3

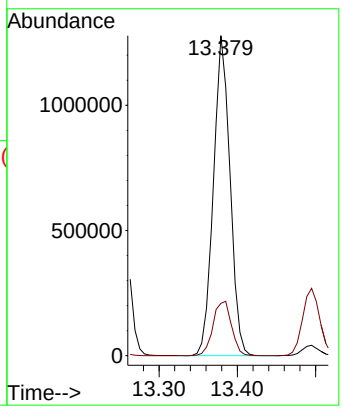




#85
sec-Butylbenzene
Concen: 159.198 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:105 Resp: 188354

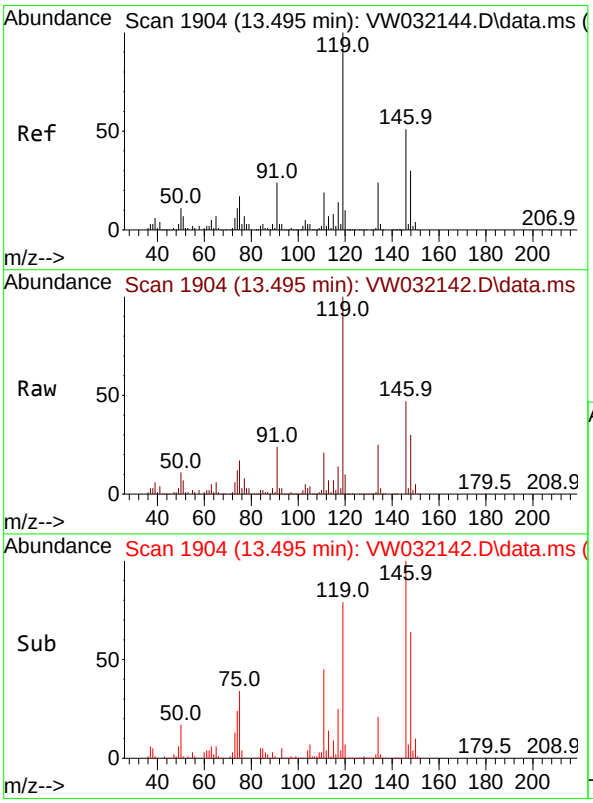
Ion	Ratio	Lower	Upper
105	100		
134	19.0	10.1	30.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

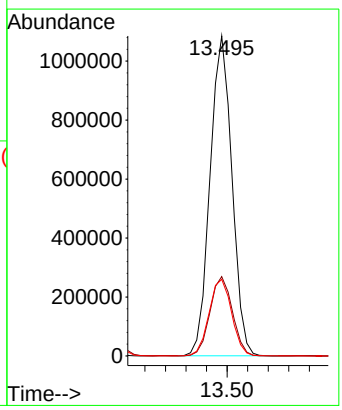
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

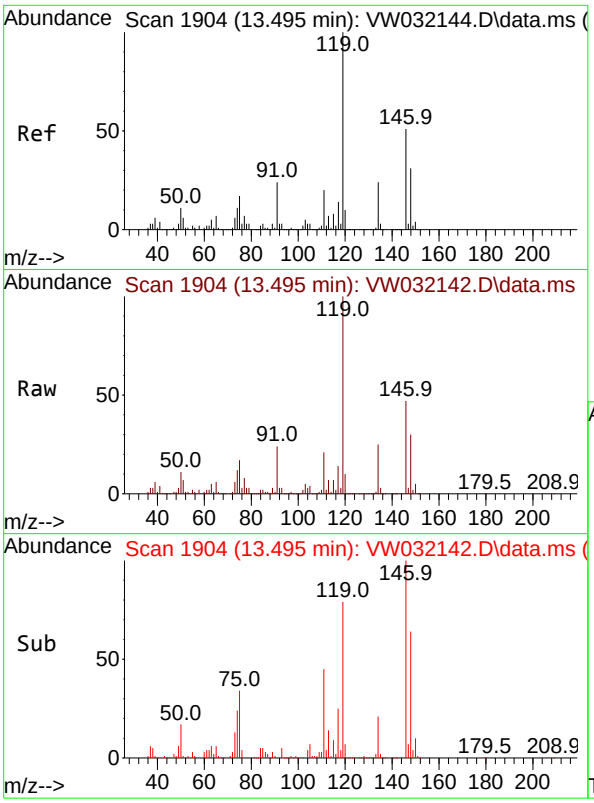


#86
p-Isopropyltoluene
Concen: 159.424 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:119 Resp: 1604066

Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.6	37.6
91	24.7	12.4	37.0

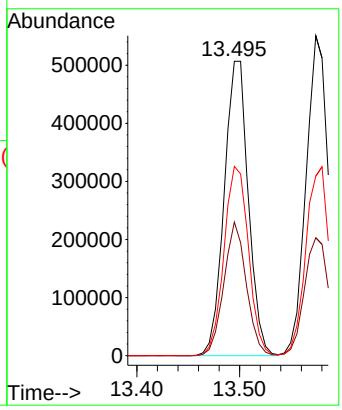




#87
1,3-Dichlorobenzene
Concen: 146.037 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:146 Resp: 82771

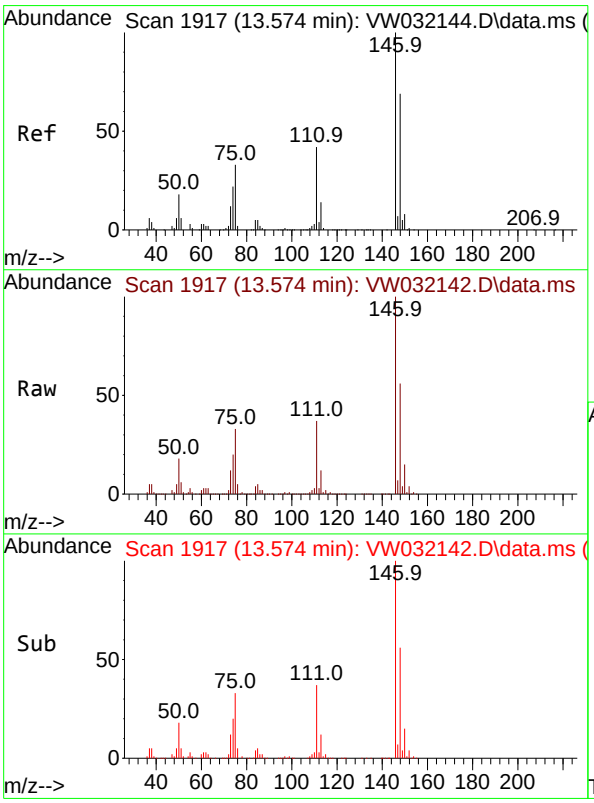
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.6	61.9
148	65.2	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

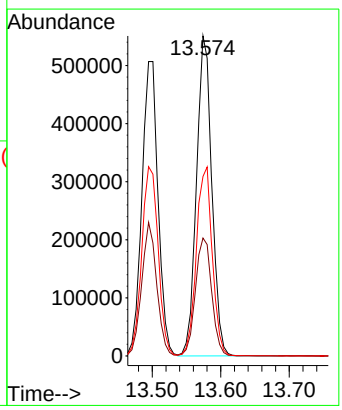
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

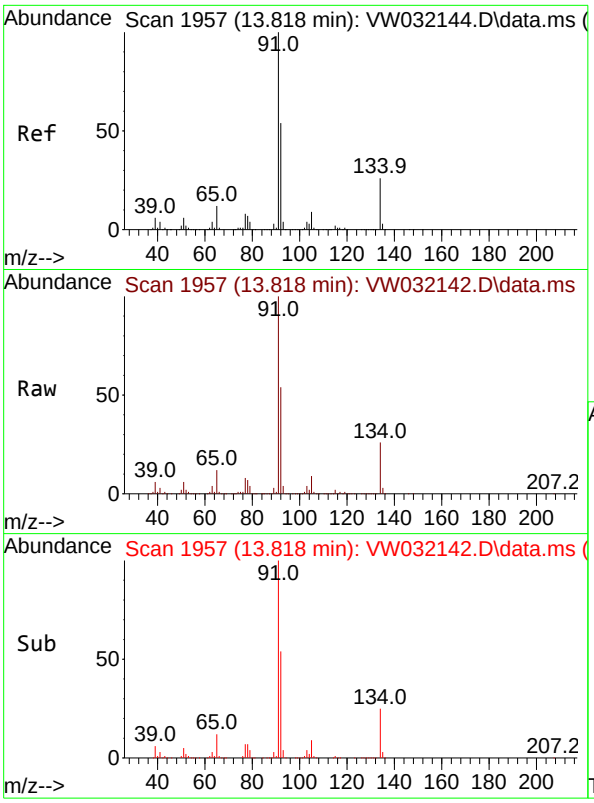


#88
1,4-Dichlorobenzene
Concen: 150.918 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:146 Resp: 857389

Ion	Ratio	Lower	Upper
146	100		
111	39.0	21.3	63.7
148	61.4	33.4	100.1

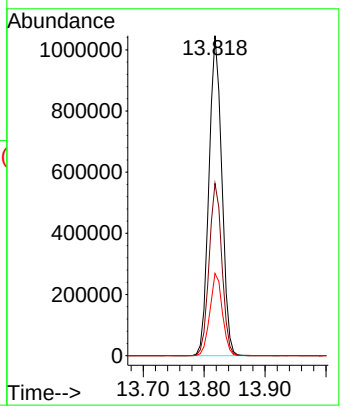




#89
n-Butylbenzene
Concen: 159.573 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 91 Resp: 153072

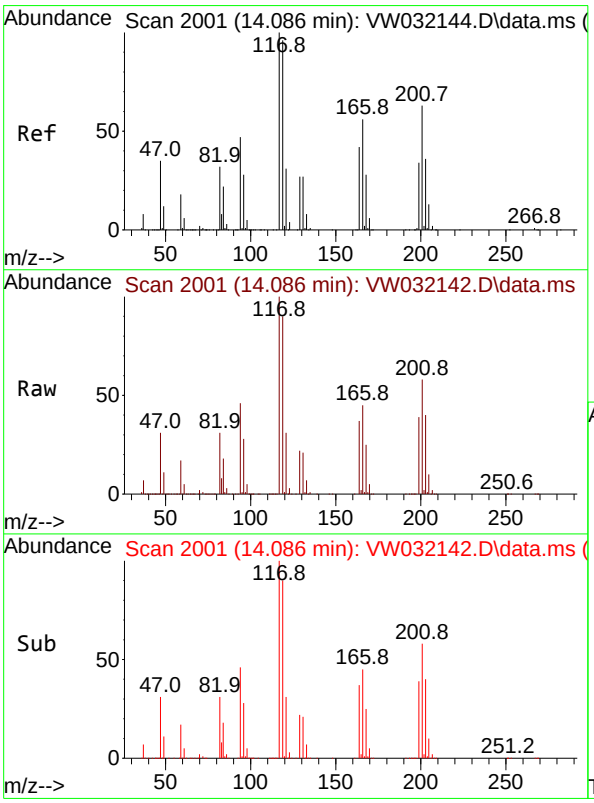
Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	81.0
134	25.0	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

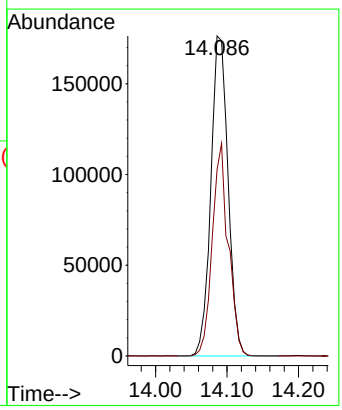
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

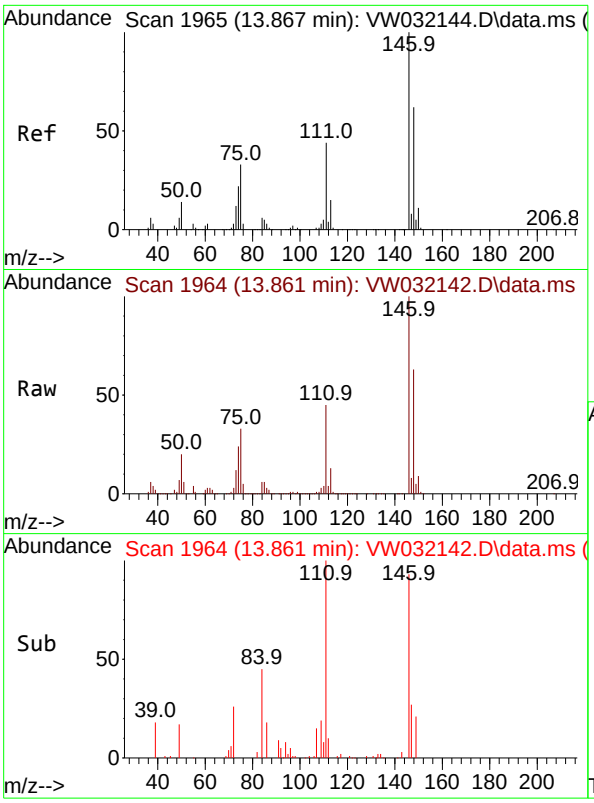


#90
Hexachloroethane
Concen: 160.350 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:117 Resp: 295110

Ion	Ratio	Lower	Upper
117	100		
201	61.8	32.8	98.4

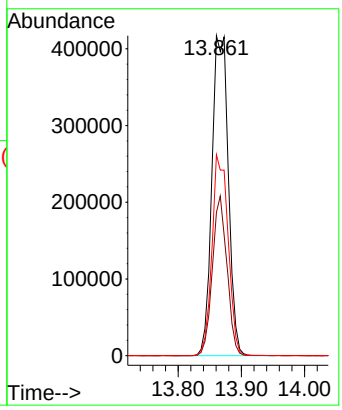




#91
1,2-Dichlorobenzene
Concen: 149.508 ug/l
RT: 13.861 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:146 Resp: 75025

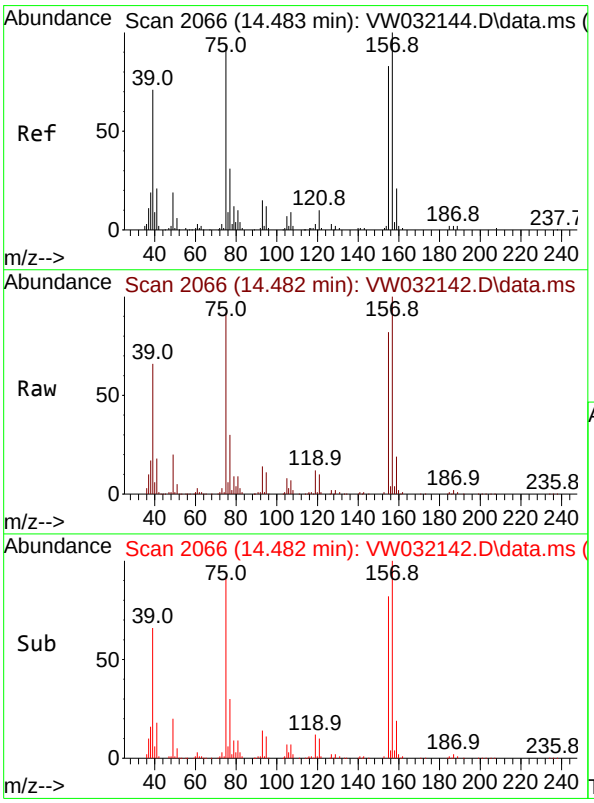
Ion	Ratio	Lower	Upper
146	100		
111	44.4	23.4	70.0
148	61.4	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

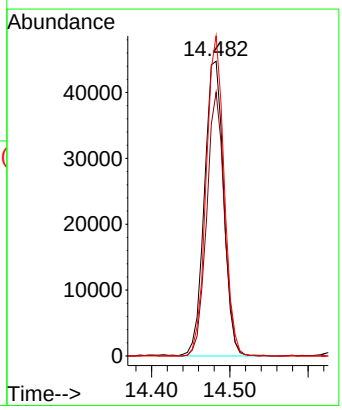
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

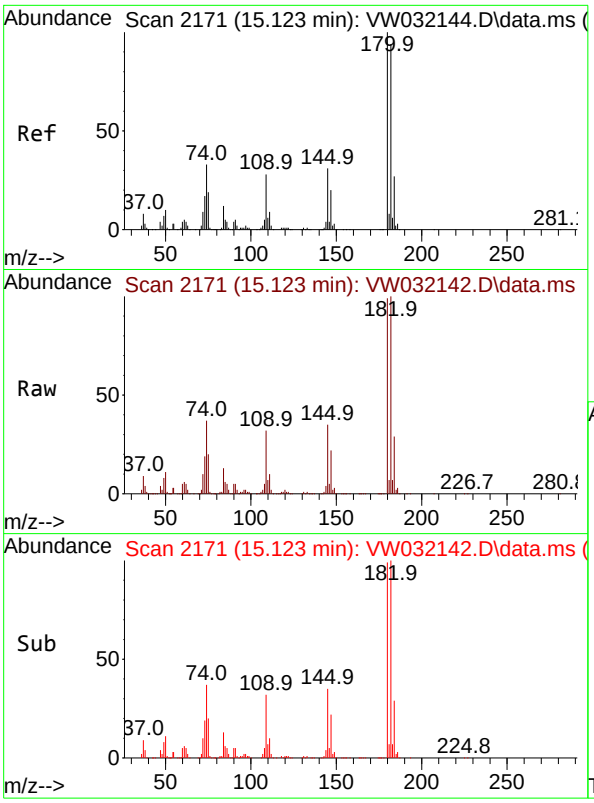


#92
1,2-Dibromo-3-Chloropropane
Concen: 164.310 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion: 75 Resp: 76149

Ion	Ratio	Lower	Upper
75	100		
155	82.4	40.8	122.5
157	101.2	51.8	155.4

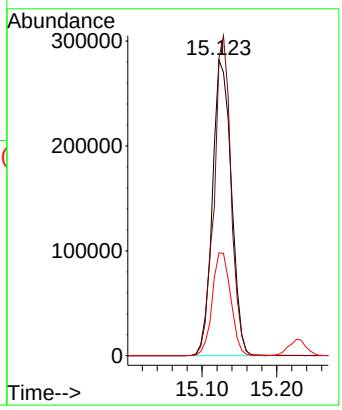




#93
1,2,4-Trichlorobenzene
Concen: 154.301 ug/l
RT: 15.123 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:180 Resp: 49470

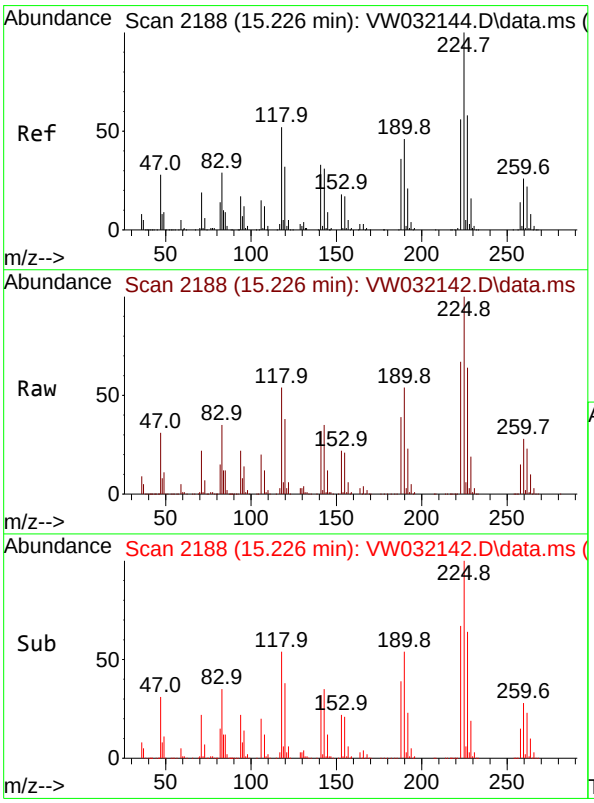
Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.4	142.2
145	34.1	16.4	49.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

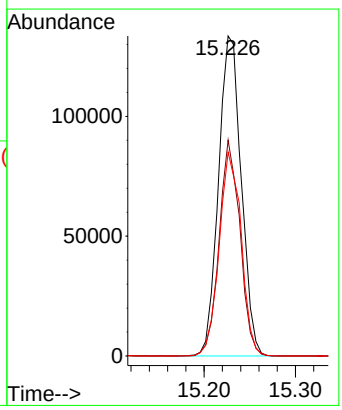
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

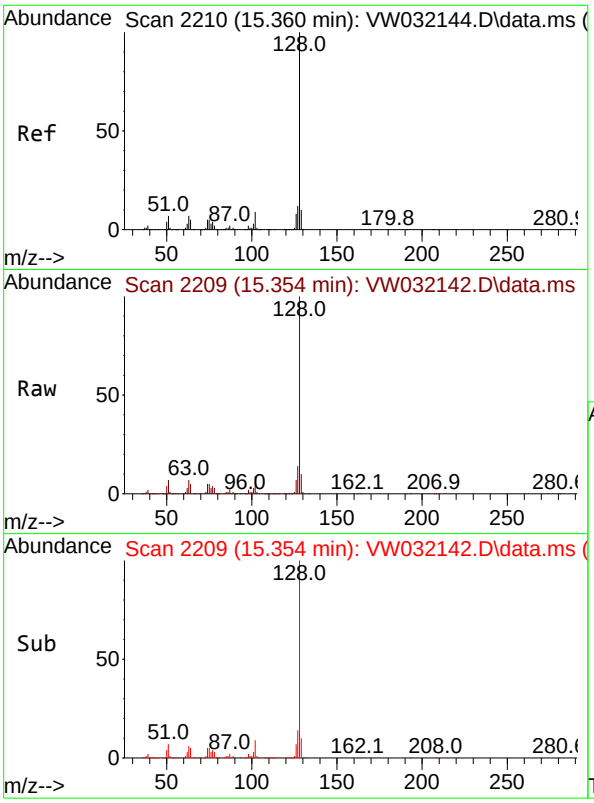


#94
Hexachlorobutadiene
Concen: 145.321 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:225 Resp: 231073

Ion	Ratio	Lower	Upper
225	100		
223	61.8	29.8	89.3
227	61.6	30.5	91.5

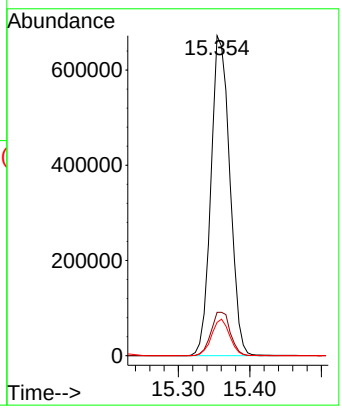




#95
Naphthalene
Concen: 169.618 ug/l
RT: 15.354 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:128 Resp: 123073

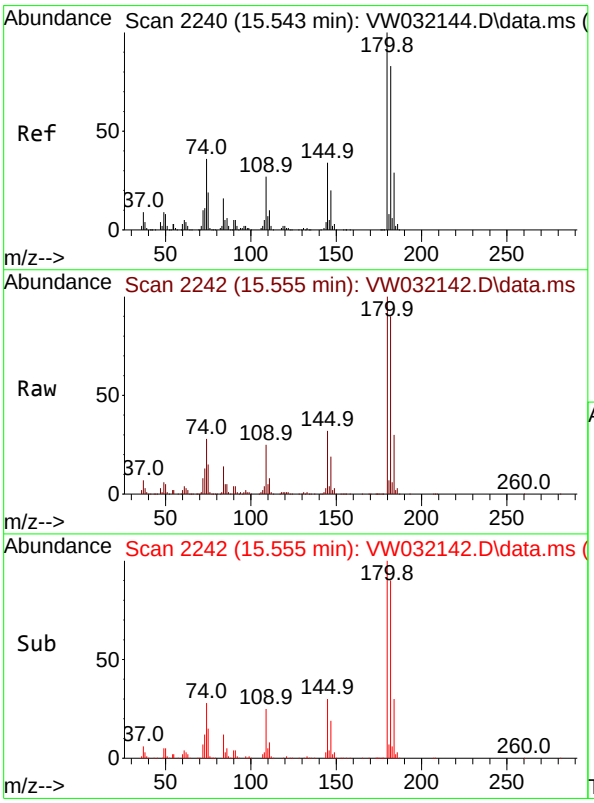
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	16.0
129	11.0	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

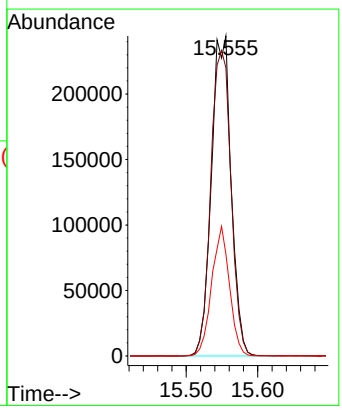
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 157.838 ug/l
RT: 15.555 min Scan# 2242
Delta R.T. 0.012 min
Lab File: VW032142.D
Acq: 26 Aug 2025 11:51

Tgt Ion:180 Resp: 470621

Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.7	143.1
145	36.3	17.2	51.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:52:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	208118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	338131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	317089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	162433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	145059	48.737	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 97.480%			
35) Dibromofluoromethane	7.904	113	121603	51.259	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.520%			
50) Toluene-d8	10.325	98	446917	53.665	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.320%			
62) 4-Bromofluorobenzene	12.617	95	165434	53.721	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 107.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	64903	47.235	ug/l	100
3) Chloromethane	2.253	50	70725	49.092	ug/l	100
4) Vinyl Chloride	2.405	62	92327	49.341	ug/l	100
5) Bromomethane	2.826	94	77836	46.581	ug/l	100
6) Chloroethane	2.972	64	65951	50.047	ug/l	100
7) Trichlorofluoromethane	3.308	101	100093	53.987	ug/l	100
8) Diethyl Ether	3.716	74	66743	48.239	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	105179	50.359	ug/l	100
10) Methyl Iodide	4.314	142	155738	48.971	ug/l	100
11) Tert butyl alcohol	5.222	59	45982	252.570	ug/l	100
12) 1,1-Dichloroethene	4.076	96	111585	50.731	ug/l	100
13) Acrolein	3.930	56	69005	246.578	ug/l	100
14) Allyl chloride	4.704	41	159912	51.183	ug/l	100
15) Acrylonitrile	5.405	53	170186	252.998	ug/l	100
16) Acetone	4.161	43	163328	253.381	ug/l	100
17) Carbon Disulfide	4.423	76	283127	51.465	ug/l	100
18) Methyl Acetate	4.710	43	107266	52.228	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	218656	52.643	ug/l	100
20) Methylene Chloride	4.960	84	133315	50.616	ug/l	100
21) trans-1,2-Dichloroethene	5.460	96	126813	51.610	ug/l	100
22) Diisopropyl ether	6.344	45	356506	52.428	ug/l	100
23) Vinyl Acetate	6.283	43	1224420	264.840	ug/l	100
24) 1,1-Dichloroethane	6.246	63	229381	51.526	ug/l	100
25) 2-Butanone	7.191	43	235692	258.036	ug/l	100
26) 2,2-Dichloropropane	7.185	77	126530	53.672	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	153797	51.438	ug/l	100
28) Bromochloromethane	7.533	49	101158	49.639	ug/l	100
29) Tetrahydrofuran	7.551	42	148114	255.176	ug/l	100
30) Chloroform	7.697	83	260062	51.166	ug/l	100
31) Cyclohexane	7.971	56	179436	49.109	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	190783	51.420	ug/l	100
36) 1,1-Dichloropropene	8.100	75	171538	55.769	ug/l	100
37) Ethyl Acetate	7.277	43	99961	54.174	ug/l	100
38) Carbon Tetrachloride	8.087	117	184303	55.894	ug/l	100
39) Methylcyclohexane	9.343	83	208587	57.253	ug/l	100
40) Benzene	8.337	78	515814	54.251	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 27 03:52:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	53321	52.013	ug/l	100
42) 1,2-Dichloroethane	8.410	62	177239	53.773	ug/l	100
43) Isopropyl Acetate	8.435	43	190866	55.138	ug/l	100
44) Trichloroethene	9.099	130	126501	52.906	ug/l	100
45) 1,2-Dichloropropane	9.374	63	125073	54.569	ug/l	100
46) Dibromomethane	9.465	93	84274	52.422	ug/l	100
47) Bromodichloromethane	9.648	83	200589	54.907	ug/l	100
48) Methyl methacrylate	9.441	41	91758	57.519	ug/l	100
49) 1,4-Dioxane	9.459	88	21076	1085.077	ug/l	100
51) 4-Methyl-2-Pentanone	10.215	43	535156	273.793	ug/l	100
52) Toluene	10.392	92	341497	54.963	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	181844	56.425	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	207161	56.335	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	108836	52.063	ug/l	100
56) Ethyl methacrylate	10.648	69	153187	57.318	ug/l	100
57) 1,3-Dichloropropane	10.934	76	186943	53.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	376622	264.017	ug/l	100
59) 2-Hexanone	10.971	43	377468	277.678	ug/l	100
60) Dibromochloromethane	11.129	129	140114	55.391	ug/l	100
61) 1,2-Dibromoethane	11.239	107	112526	54.737	ug/l	100
64) Tetrachloroethene	10.867	164	111948	53.642	ug/l	100
65) Chlorobenzene	11.654	112	377306	52.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	127123	53.499	ug/l	100
67) Ethyl Benzene	11.733	91	642673	54.348	ug/l	100
68) m/p-Xylenes	11.837	106	505883	111.156	ug/l	100
69) o-Xylene	12.166	106	238390	55.377	ug/l	100
70) Styrene	12.178	104	419791	55.319	ug/l	100
71) Bromoform	12.349	173	75279	53.341	ug/l	100
73) Isopropylbenzene	12.459	105	615287	55.757	ug/l	100
74) N-amyl acetate	12.270	43	173852	54.264	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.715	83	138219	52.705	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	103468m	49.196	ug/l	
77) Bromobenzene	12.745	156	153744	54.634	ug/l	100
78) n-propylbenzene	12.800	91	738788	55.144	ug/l	100
79) 2-Chlorotoluene	12.885	91	447910	54.672	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	521409	55.807	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	42218	55.859	ug/l	100
82) 4-Chlorotoluene	12.989	91	486529	55.480	ug/l	100
83) tert-Butylbenzene	13.202	119	459231	57.970	ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	544709	56.352	ug/l	100
85) sec-Butylbenzene	13.379	105	670404	56.681	ug/l	100
86) p-Isopropyltoluene	13.495	119	571291	56.797	ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	308402	54.430	ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	296872	52.272	ug/l	100
89) n-Butylbenzene	13.818	91	541998	56.520	ug/l	100
90) Hexachloroethane	14.086	117	98938	53.776	ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	253601	50.553	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.483	75	23754	51.271	ug/l	100
93) 1,2,4-Trichlorobenzene	15.123	180	176601	55.100	ug/l	100
94) Hexachlorobutadiene	15.226	225	89862	56.532	ug/l	100
95) Naphthalene	15.360	128	400729	55.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	157194	52.737	ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032144.D
Acq On : 26 Aug 2025 12:34
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 03:52:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

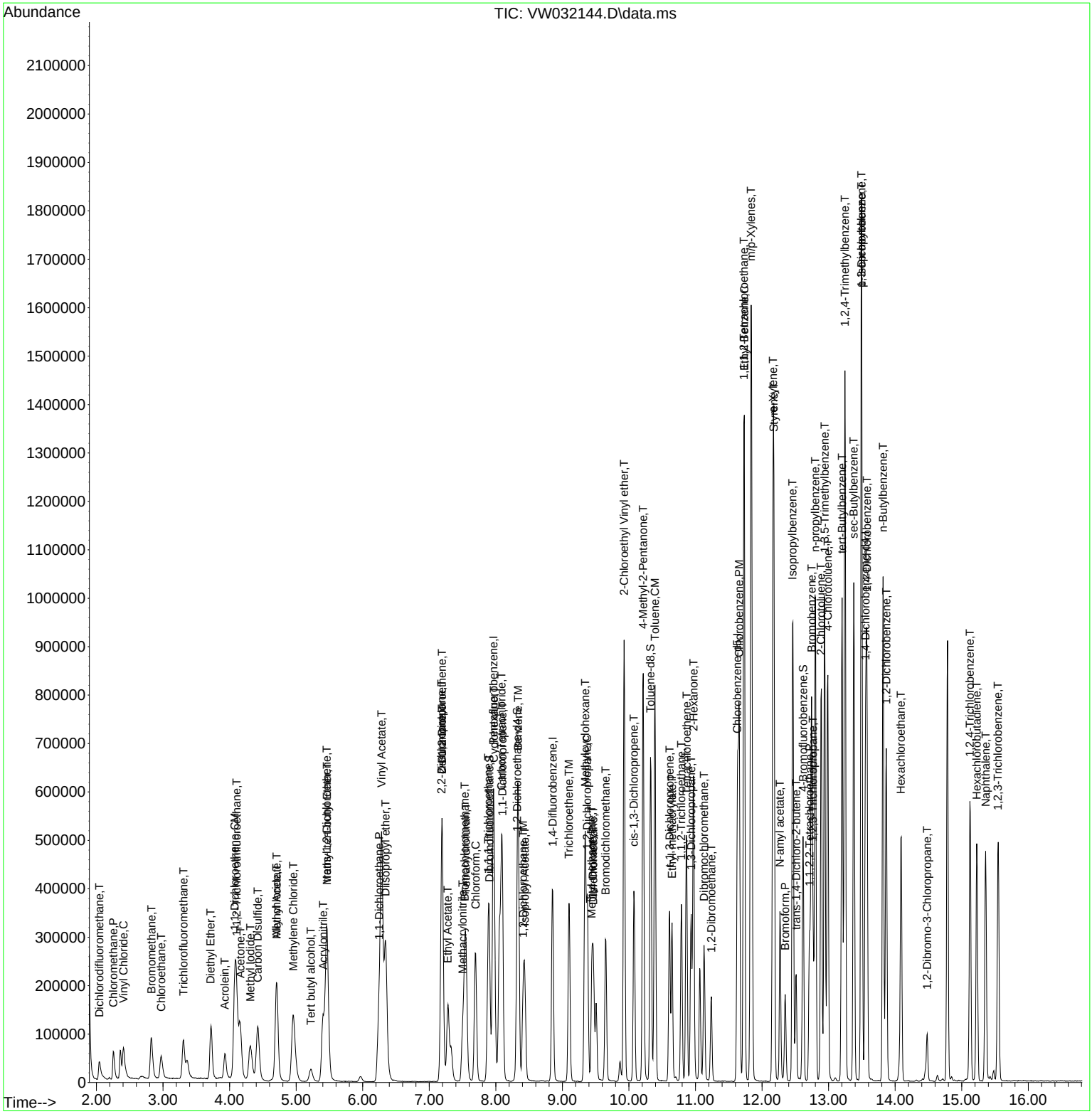
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Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

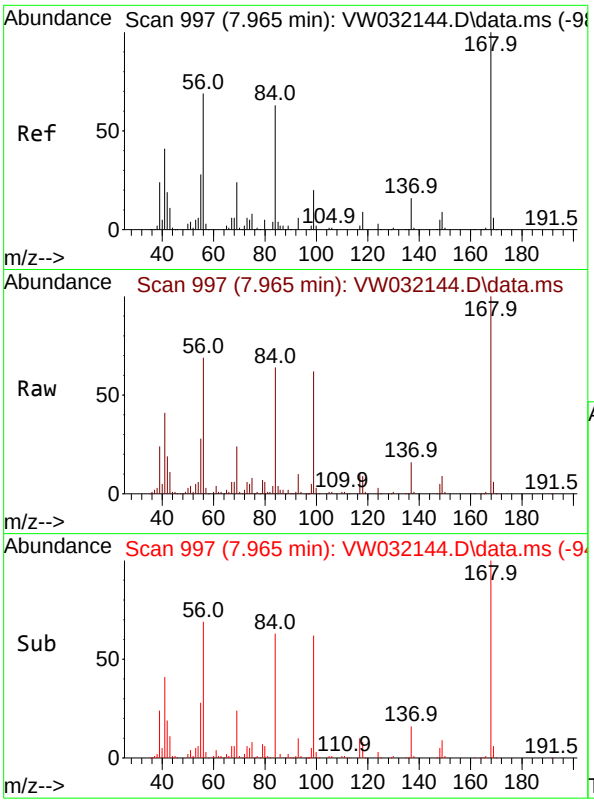
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QLast Update : Wed Aug 27 03:44:37 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

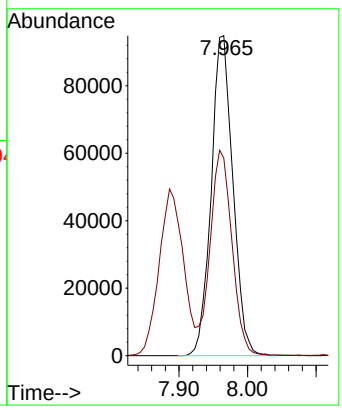




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:168 Resp: 20811

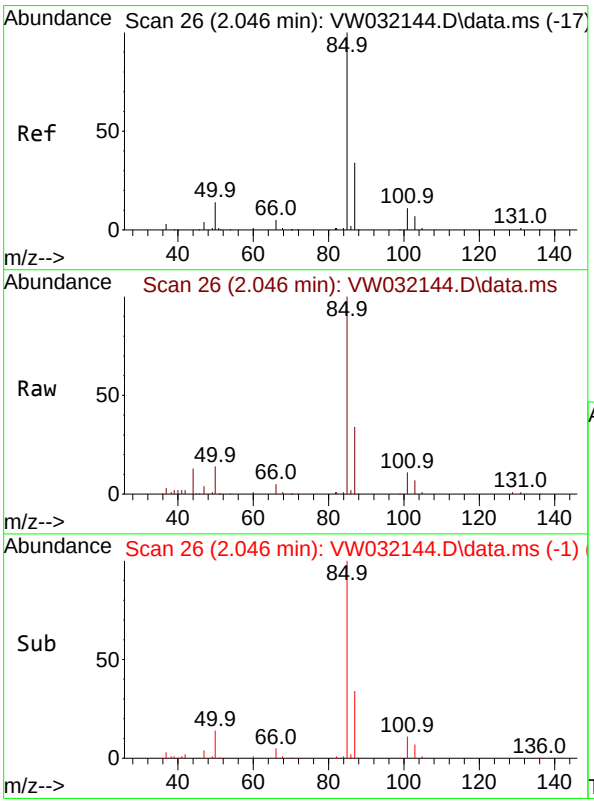
Ion	Ratio	Lower	Upper
168	100		
99	61.6	49.3	73.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

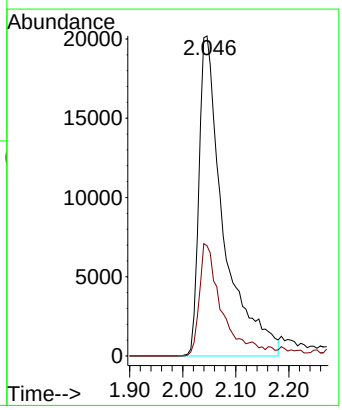
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

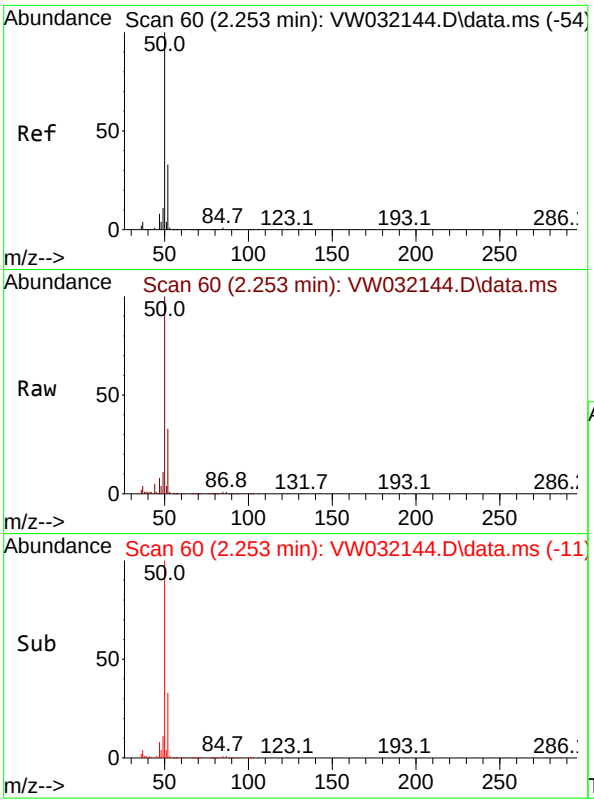


#2
Dichlorodifluoromethane
Concen: 47.235 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 85 Resp: 64903

Ion	Ratio	Lower	Upper
85	100		
87	34.4	17.2	51.6

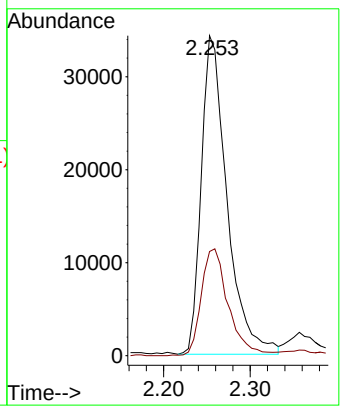




#3
Chloromethane
Concen: 49.092 ug/l
RT: 2.253 min Scan# 6
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 50 Resp: 7072

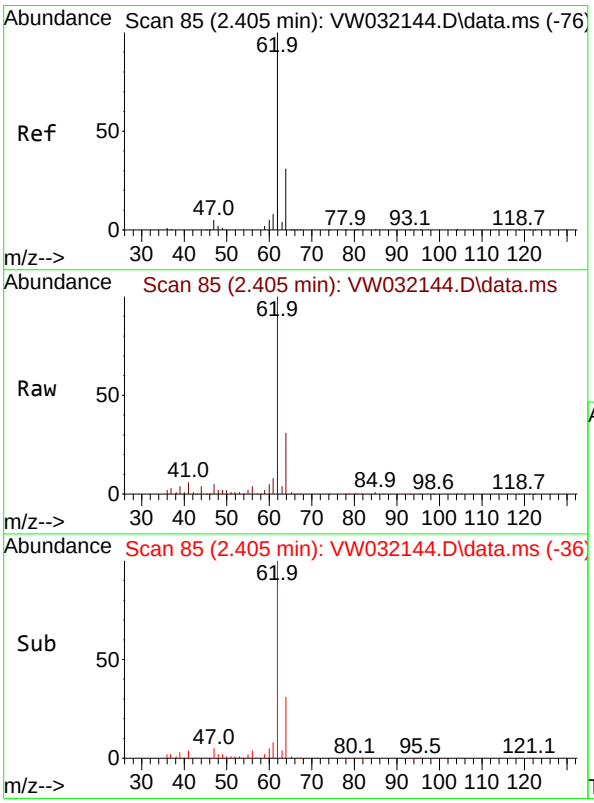
Ion	Ratio	Lower	Upper
50	100		
52	32.6	26.1	39.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

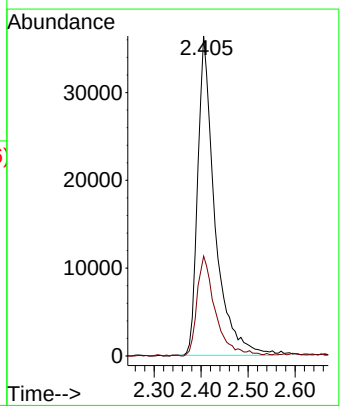
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

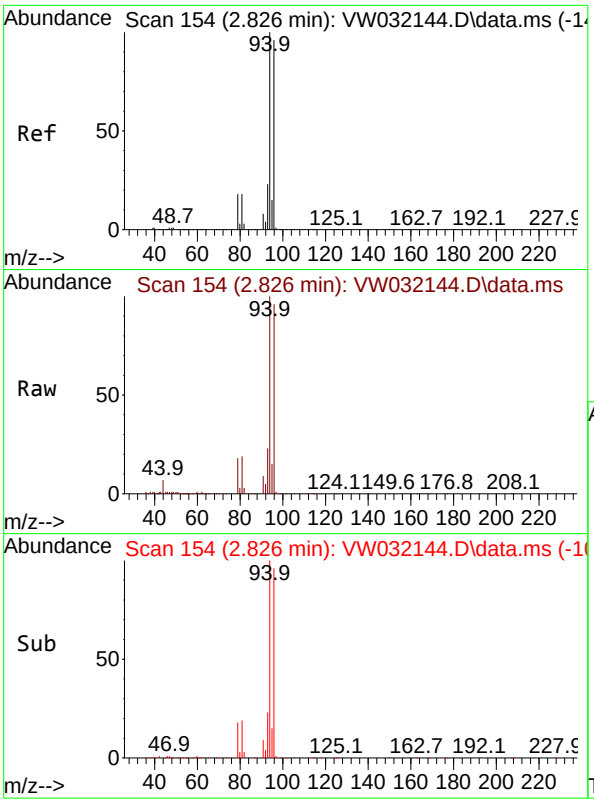


#4
Vinyl Chloride
Concen: 49.341 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 62 Resp: 92327

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.8	37.2

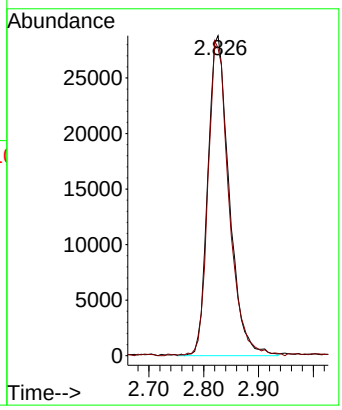




#5
Bromomethane
Concen: 46.581 ug/l
RT: 2.826 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 94 Resp: 7783

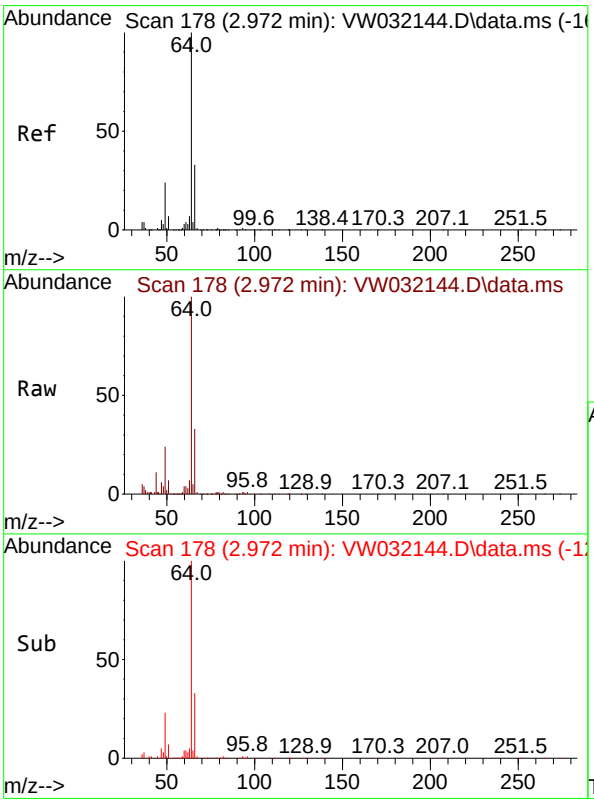
Ion	Ratio	Lower	Upper
94	100		
96	95.8	76.6	115.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

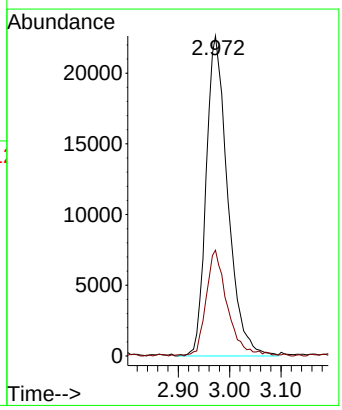
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

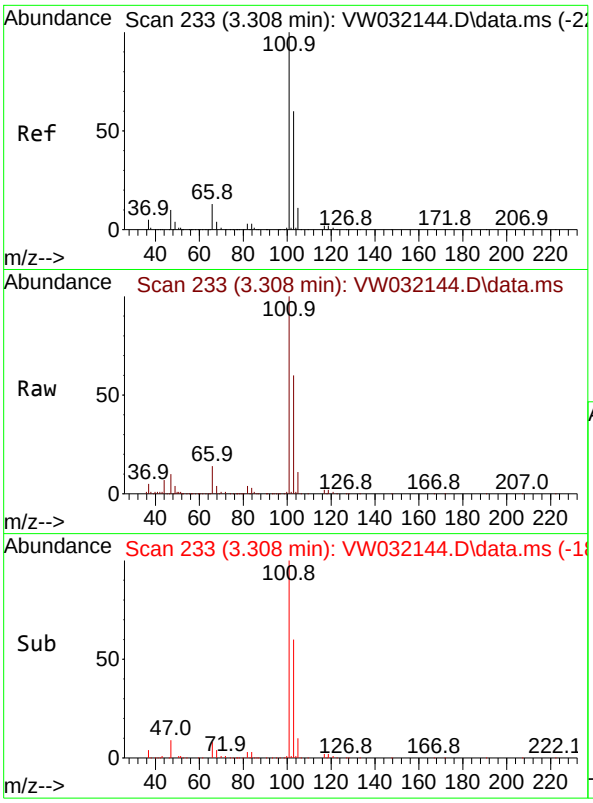


#6
Chloroethane
Concen: 50.047 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 64 Resp: 65951

Ion	Ratio	Lower	Upper
64	100		
66	32.8	26.2	39.4

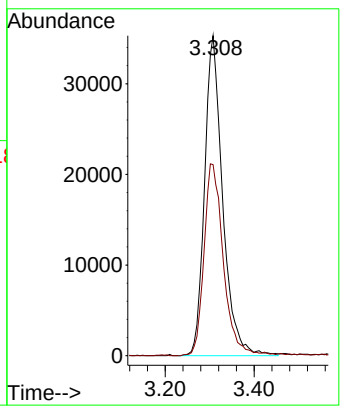




#7
Trichlorofluoromethane
Concen: 53.987 ug/l
RT: 3.308 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:101 Resp: 10009

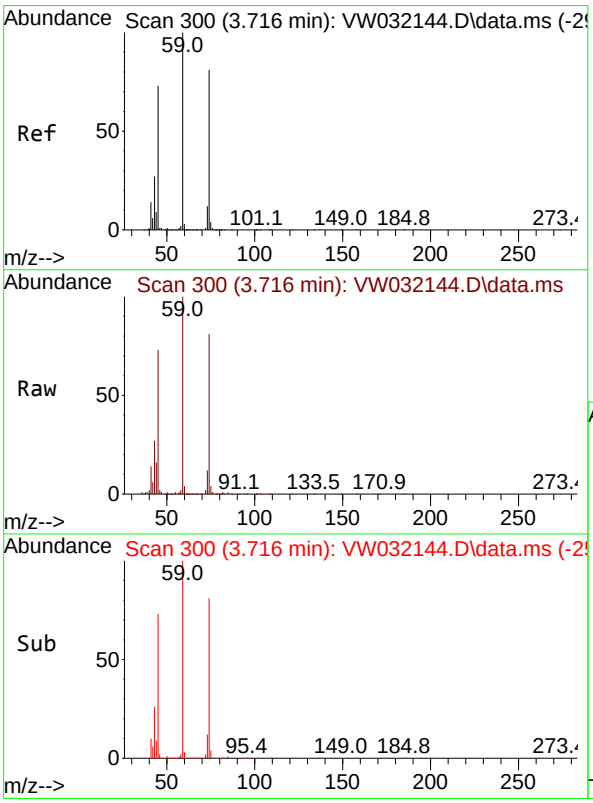
Ion	Ratio	Lower	Upper
101	100		
103	59.8	47.8	71.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

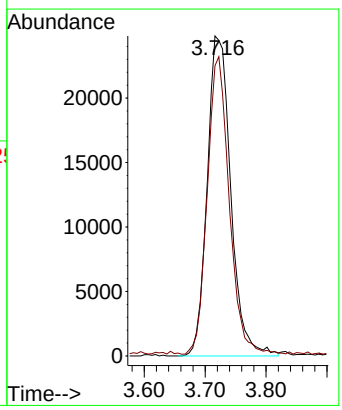
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

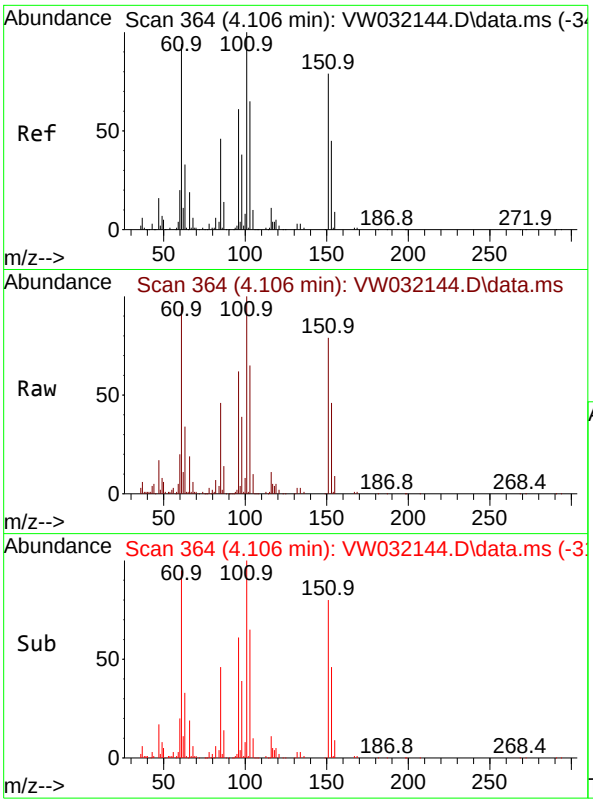


#8
Diethyl Ether
Concen: 48.239 ug/l
RT: 3.716 min Scan# 300
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 74 Resp: 66743

Ion	Ratio	Lower	Upper
74	100		
45	86.3	43.1	129.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.359 ug/l
RT: 4.106 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

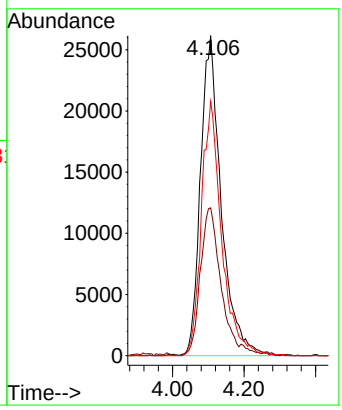
Tgt Ion:101 Resp: 10517

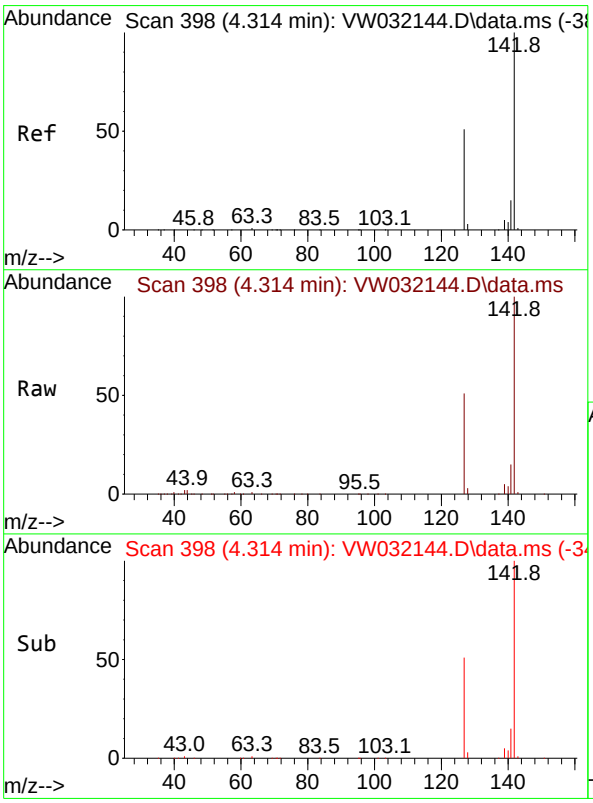
Ion	Ratio	Lower	Upper
101	100		
85	46.4	37.1	55.7
151	76.9	61.5	92.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

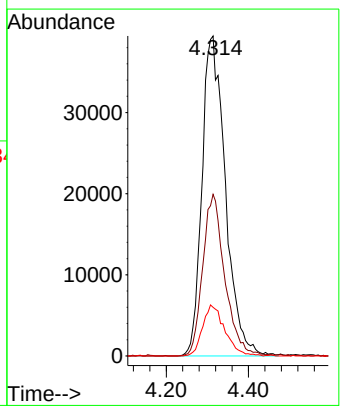


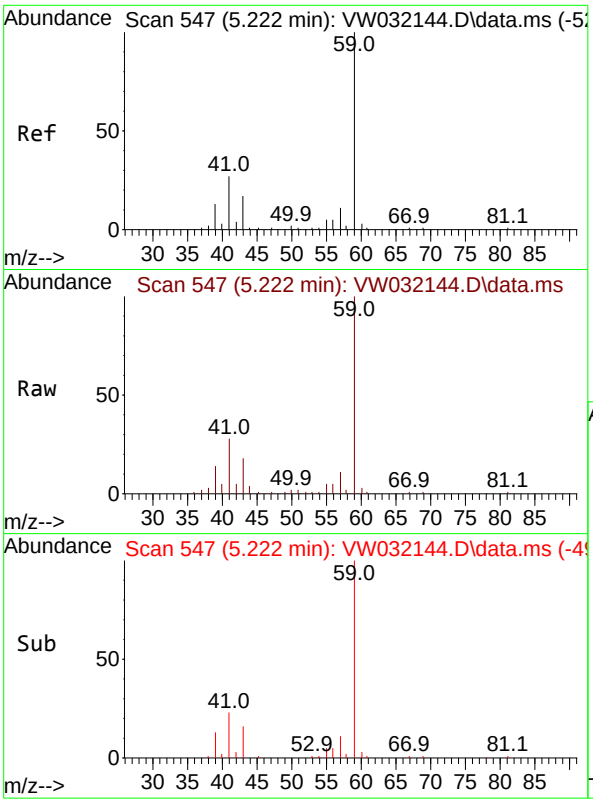


#10
Methyl Iodide
Concen: 48.971 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:142 Resp: 155738

Ion	Ratio	Lower	Upper
142	100		
127	47.7	38.2	57.2
141	15.2	12.2	18.2

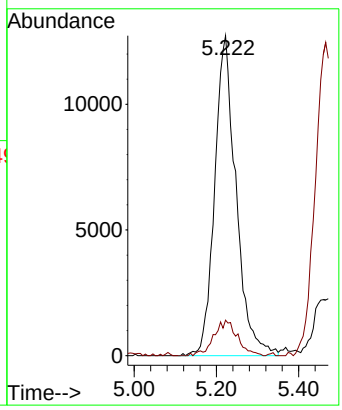




#11
Tert butyl alcohol
Concen: 252.570 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 59 Resp: 4598

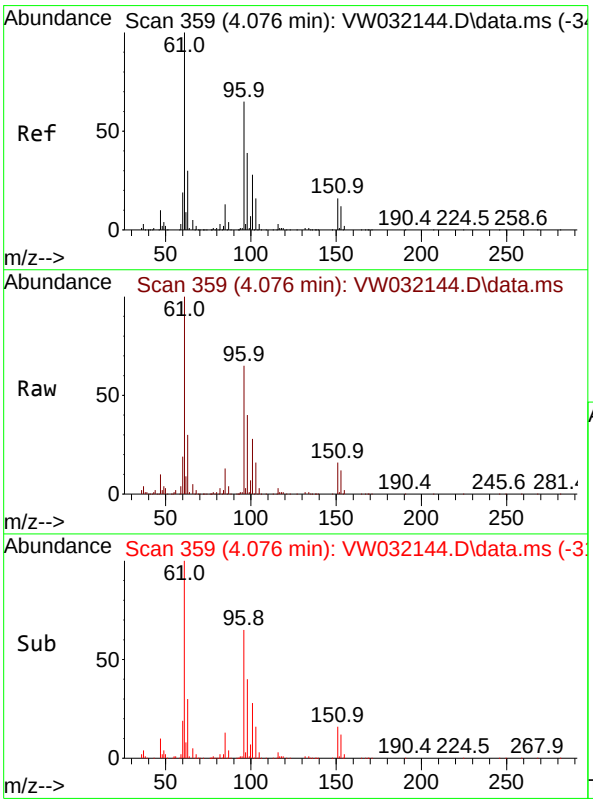
Ion	Ratio	Lower	Upper
59	100		
57	12.2	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

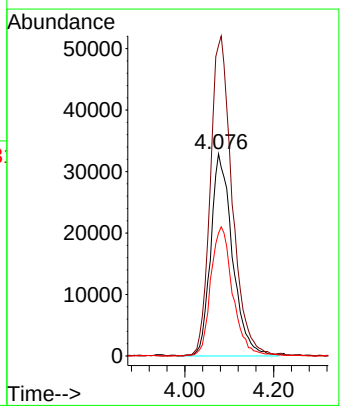
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

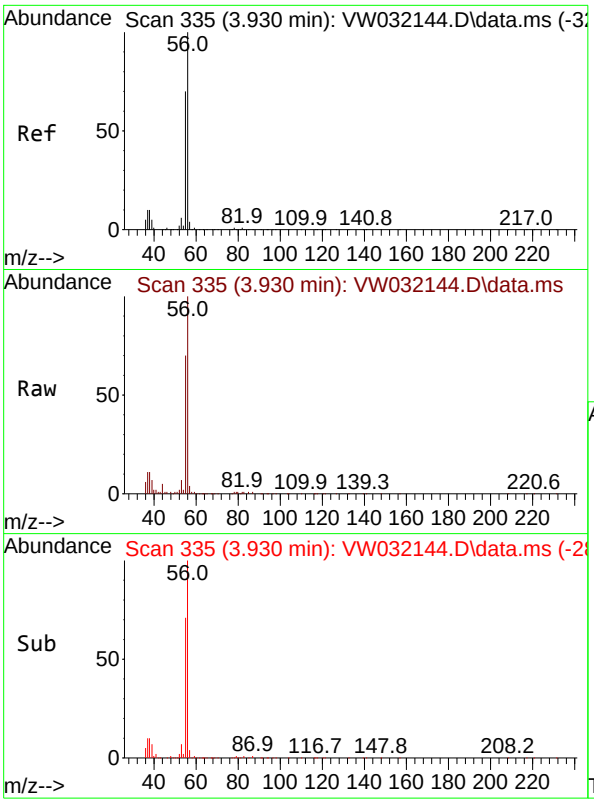


#12
1,1-Dichloroethene
Concen: 50.731 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 96 Resp: 111585

Ion	Ratio	Lower	Upper
96	100		
61	153.7	123.0	184.4
98	60.6	48.5	72.7

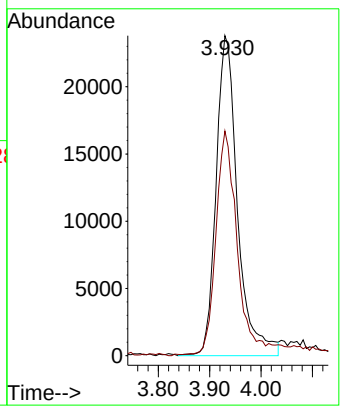




#13
Acrolein
Concen: 246.578 ug/l
RT: 3.930 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 56 Resp: 6900

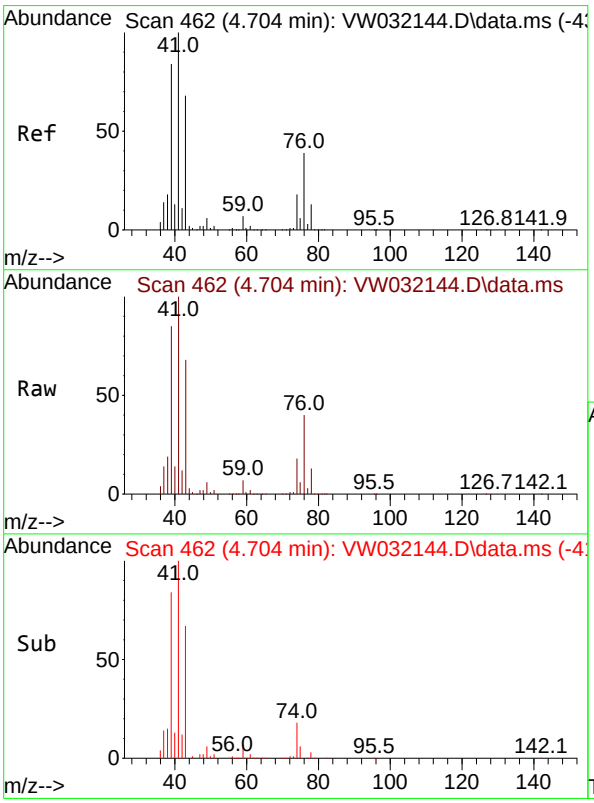
Ion	Ratio	Lower	Upper
56	100		
55	70.5	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

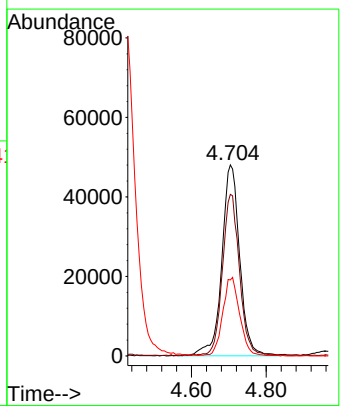
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

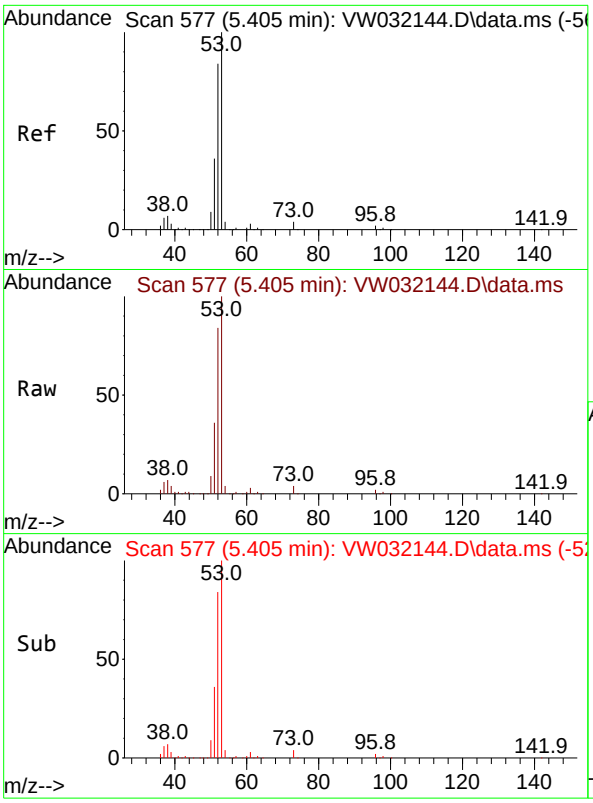


#14
Allyl chloride
Concen: 51.183 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 41 Resp: 159912

Ion	Ratio	Lower	Upper
41	100		
39	80.1	64.1	96.1
76	39.3	31.4	47.2

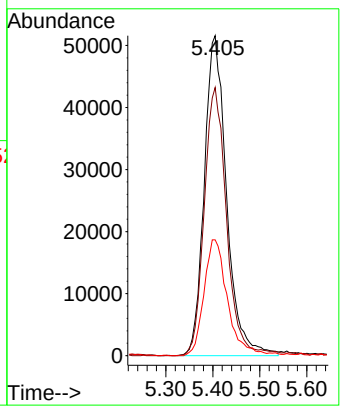




#15
Acrylonitrile
Concen: 252.998 ug/l
RT: 5.405 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 53 Resp: 17018

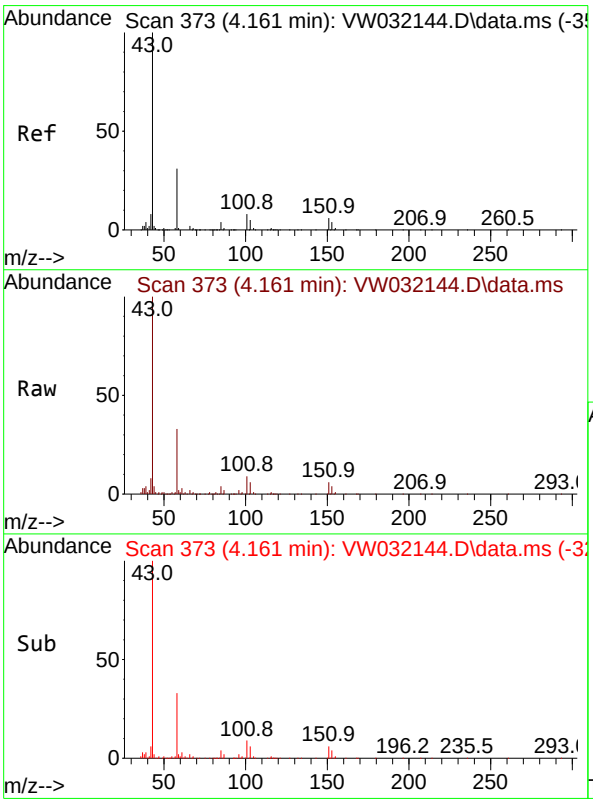
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.2
51	37.9	30.3	45.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

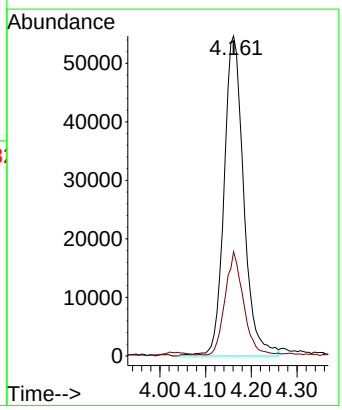
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

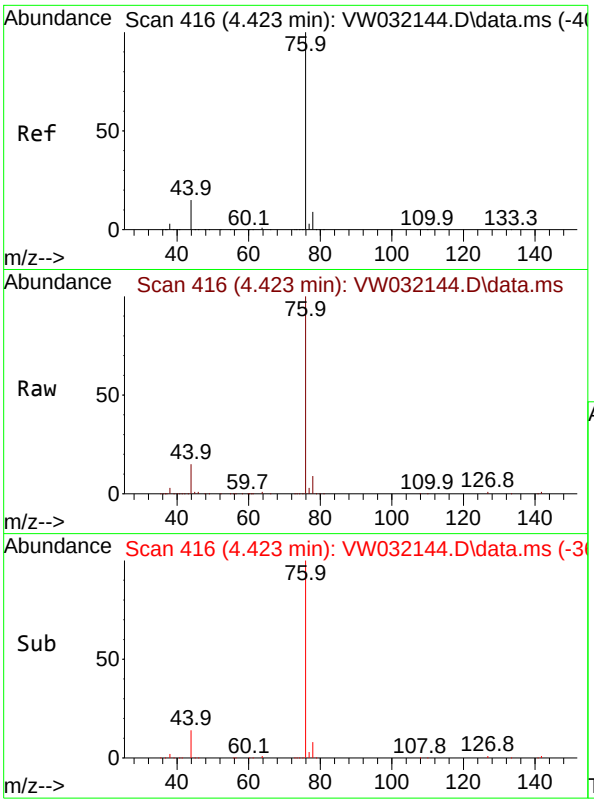


#16
Acetone
Concen: 253.381 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 43 Resp: 163328

Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.3	37.9

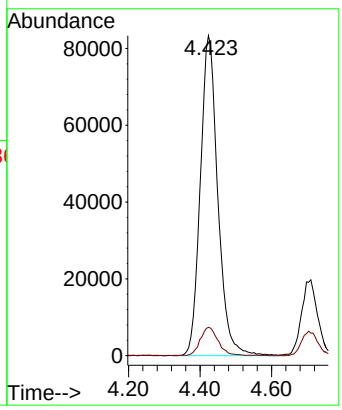




#17
Carbon Disulfide
Concen: 51.465 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 76 Resp: 28312

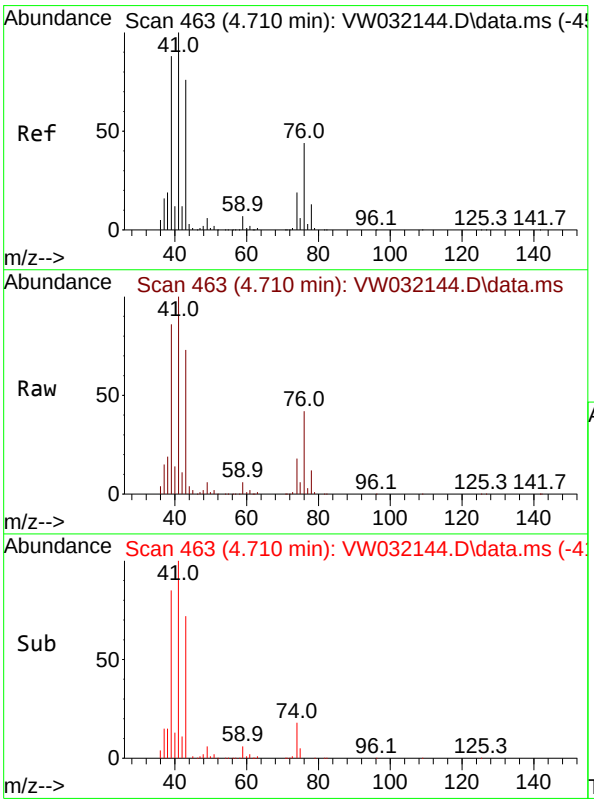
Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

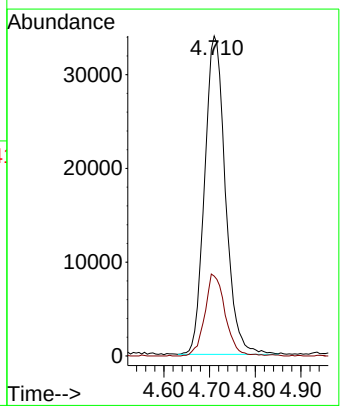
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

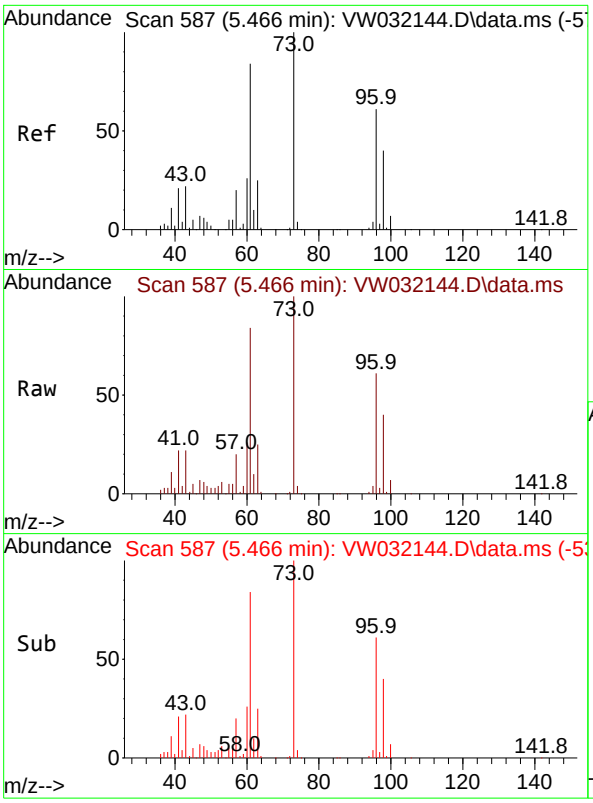


#18
Methyl Acetate
Concen: 52.228 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 43 Resp: 107266

Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.2	30.4

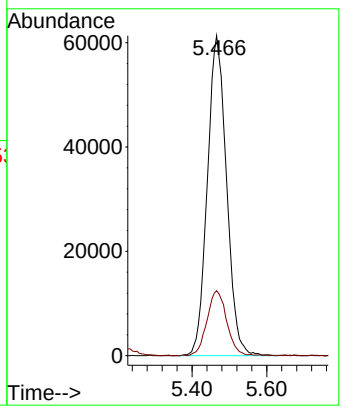




#19
Methyl tert-butyl Ether
Concen: 52.643 ug/l
RT: 5.466 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 73 Resp: 21865

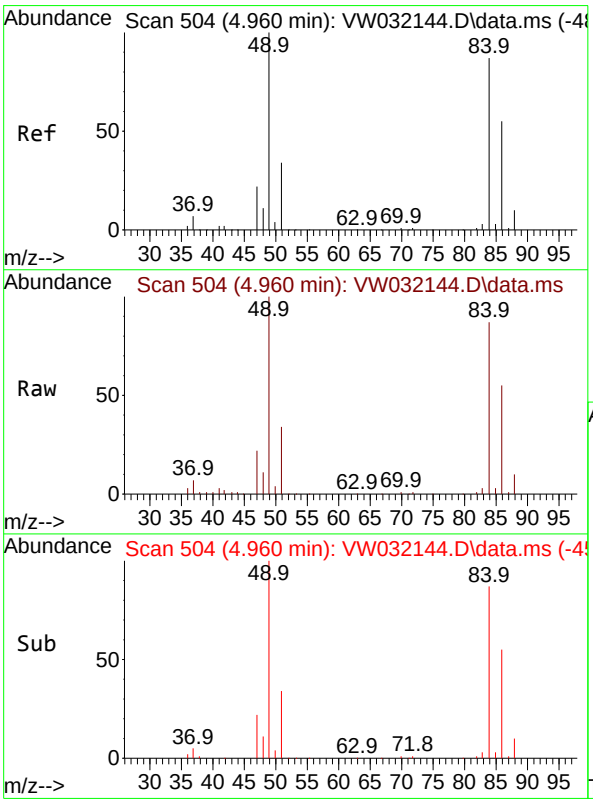
Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.2	24.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

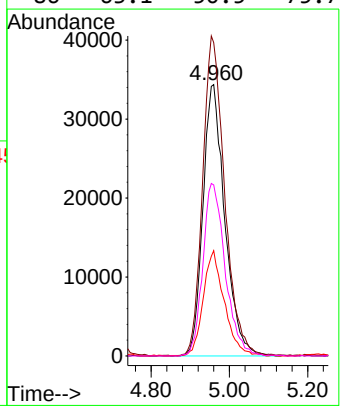
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

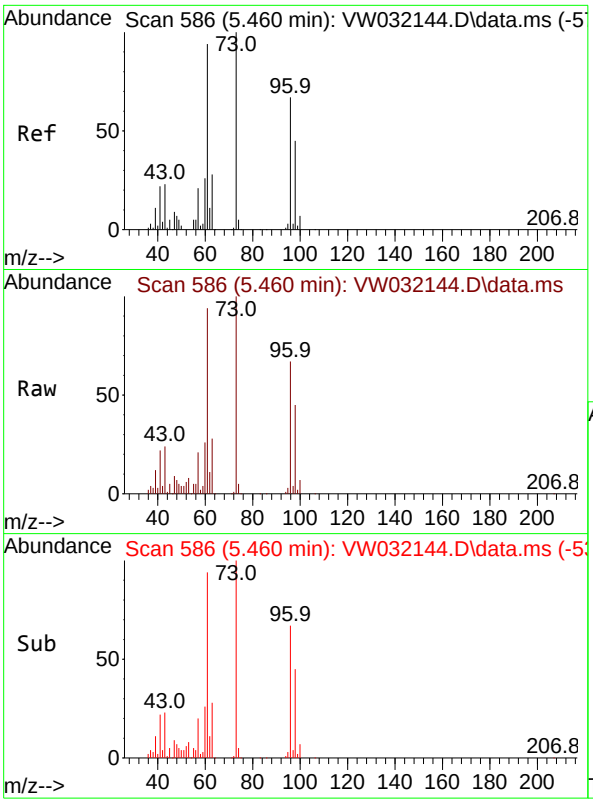


#20
Methylene Chloride
Concen: 50.616 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 84 Resp: 133315

Ion	Ratio	Lower	Upper
84	100		
49	115.3	92.2	138.4
51	38.8	31.0	46.6
86	63.1	50.5	75.7

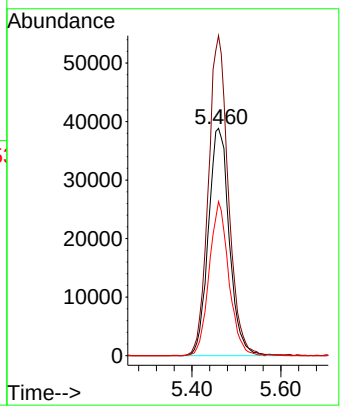




#21
trans-1,2-Dichloroethene
Concen: 51.610 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 96 Resp: 12681

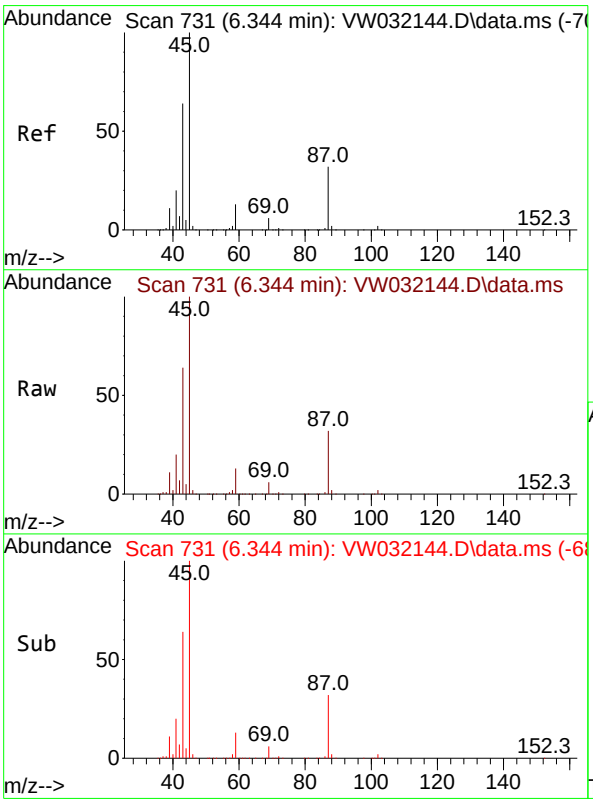
Ion	Ratio	Lower	Upper
96	100		
61	140.6	112.5	168.7
98	67.8	54.2	81.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

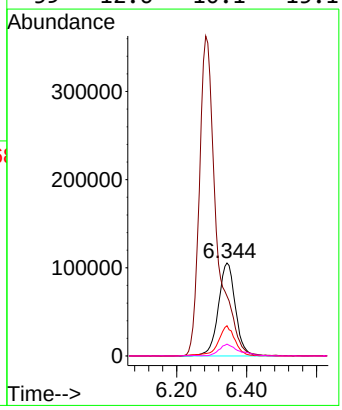
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

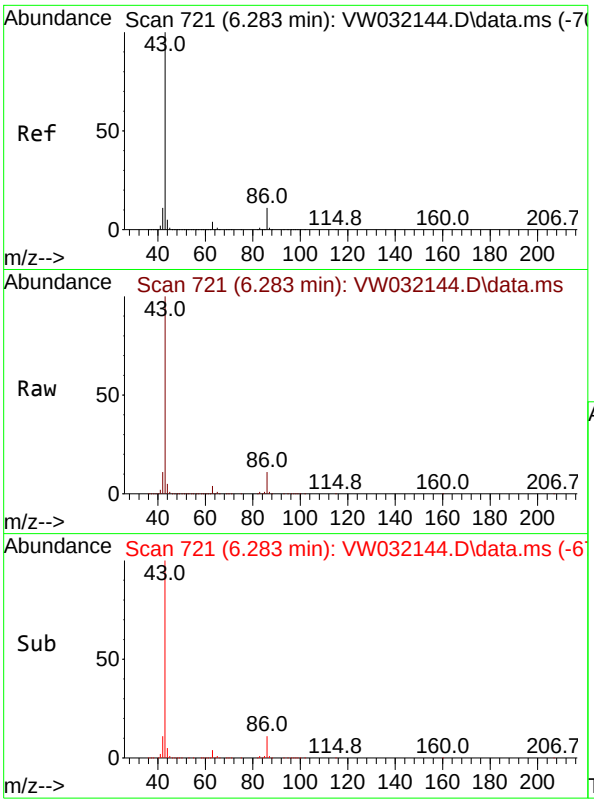


#22
Diisopropyl ether
Concen: 52.428 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 45 Resp: 356506

Ion	Ratio	Lower	Upper
45	100		
43	64.3	51.4	77.2
87	32.4	25.9	38.9
59	12.6	10.1	15.1

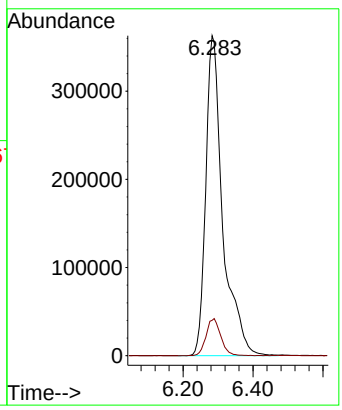




#23
Vinyl Acetate
Concen: 264.840 ug/l
RT: 6.283 min Scan# 7
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 43 Resp: 122442

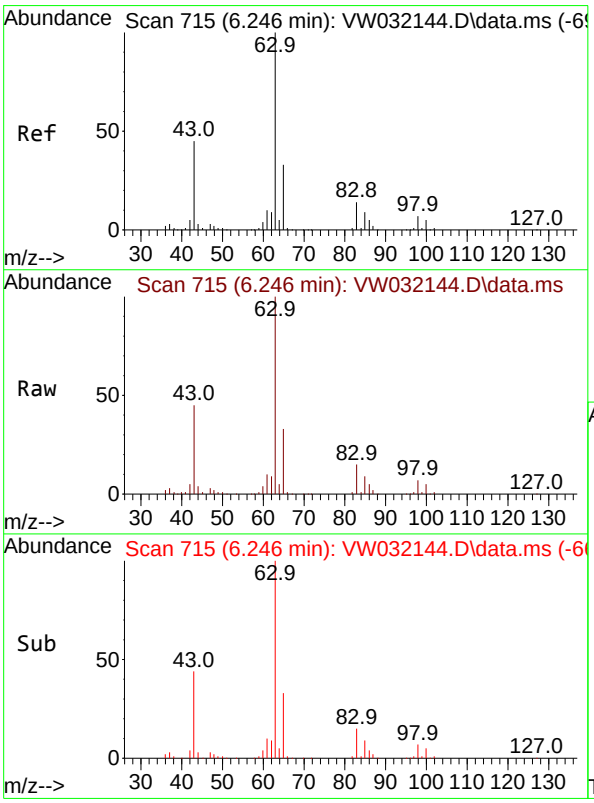
Ion	Ratio	Lower	Upper
43	100		
86	11.0	8.8	13.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

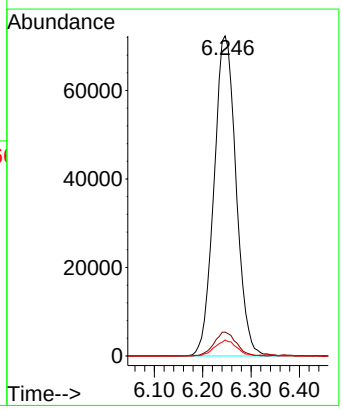
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

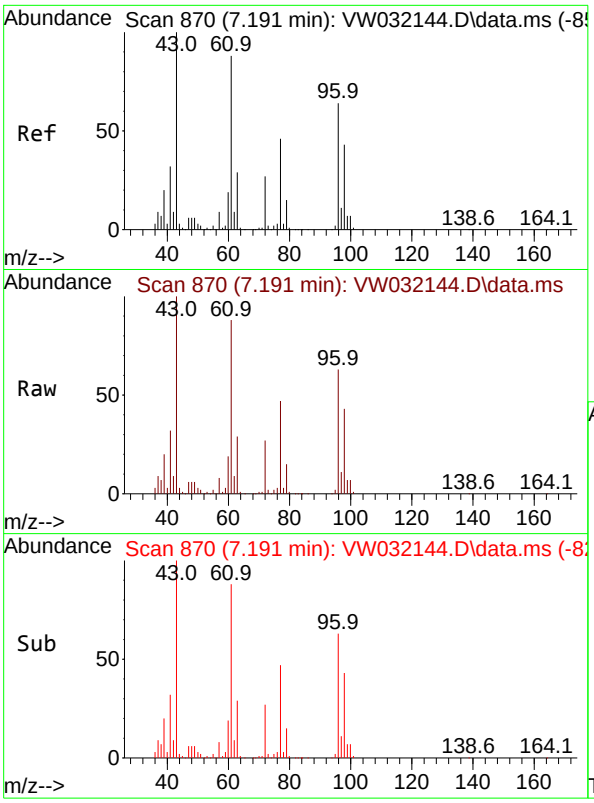


#24
1,1-Dichloroethane
Concen: 51.526 ug/l
RT: 6.246 min Scan# 715
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 63 Resp: 229381

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.8	11.2
100	5.0	2.5	7.5

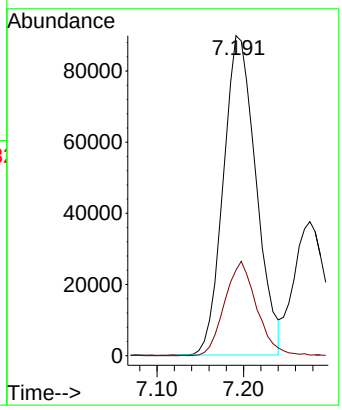




#25
2-Butanone
Concen: 258.036 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 43 Resp: 23569

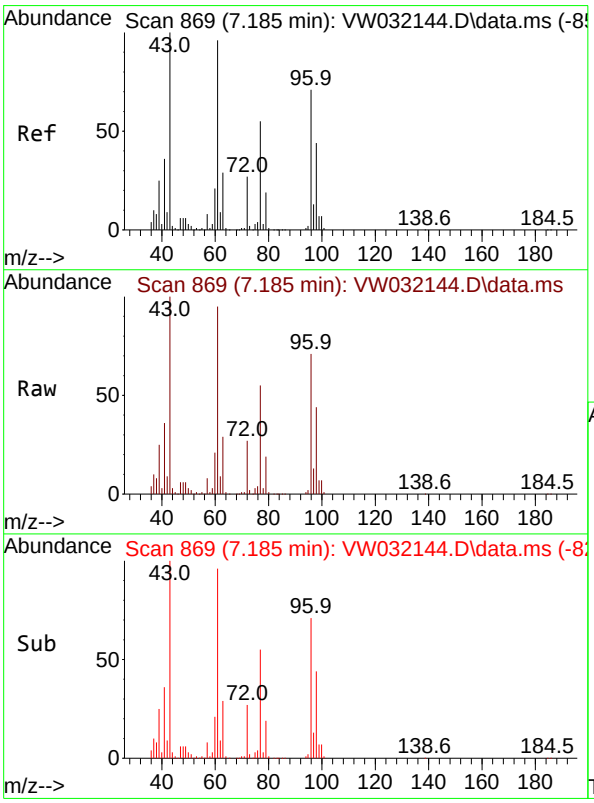
Ion	Ratio	Lower	Upper
43	100		
72	26.8	21.4	32.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

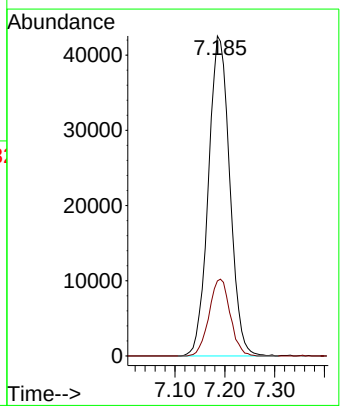
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

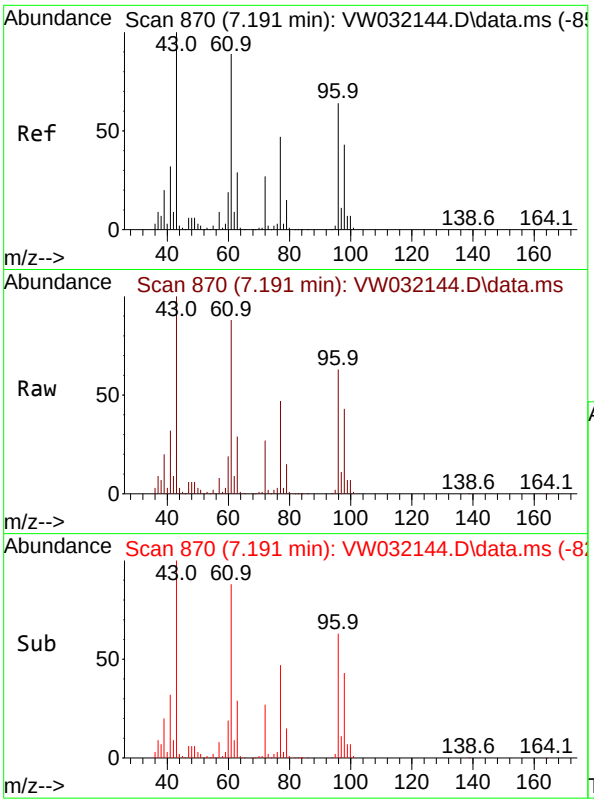


#26
2,2-Dichloropropane
Concen: 53.672 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 77 Resp: 126530

Ion	Ratio	Lower	Upper
77	100		
97	23.7	11.9	35.5

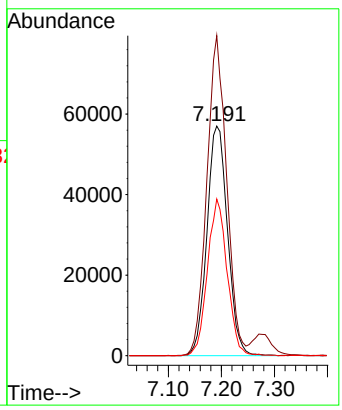




#27
cis-1,2-Dichloroethene
Concen: 51.438 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 96 Resp: 15379

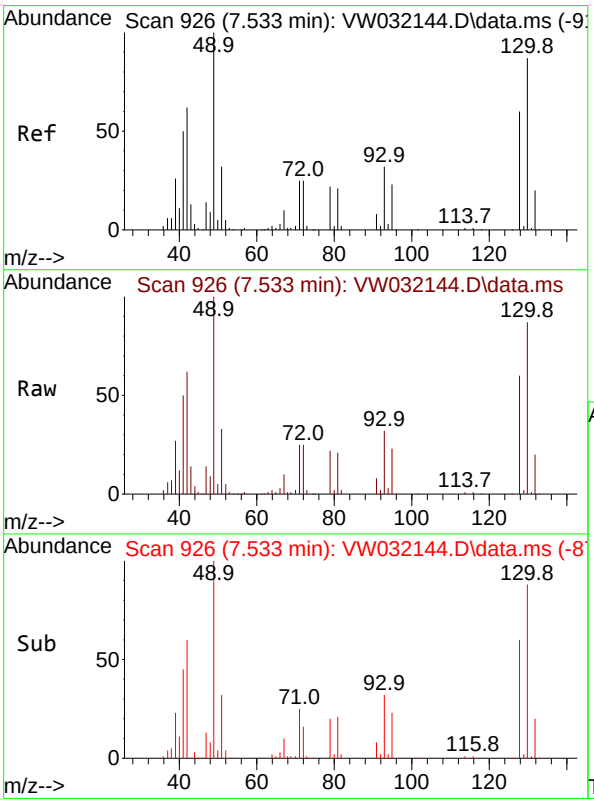
Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	268.0
98	65.4	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

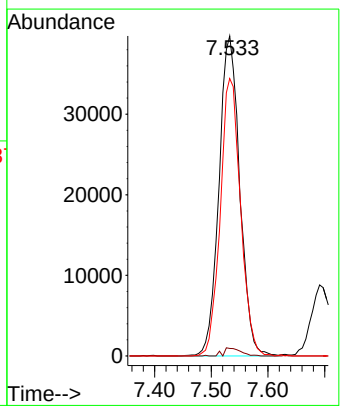
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

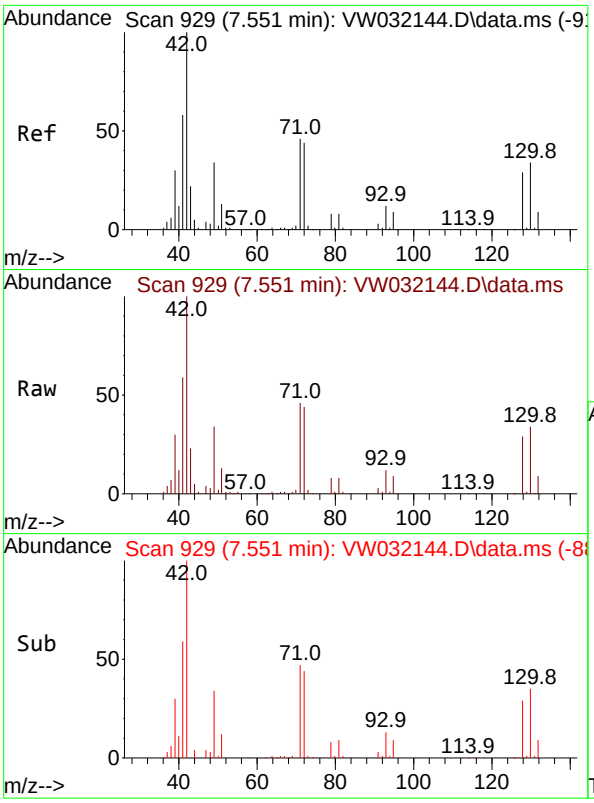


#28
Bromochloromethane
Concen: 49.639 ug/l
RT: 7.533 min Scan# 926
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 49 Resp: 101158

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	84.4	67.5	101.3

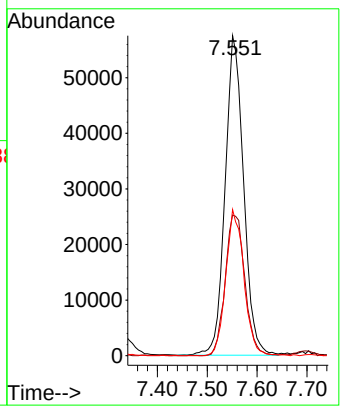




#29
Tetrahydrofuran
Concen: 255.176 ug/l
RT: 7.551 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 42 Resp: 14811

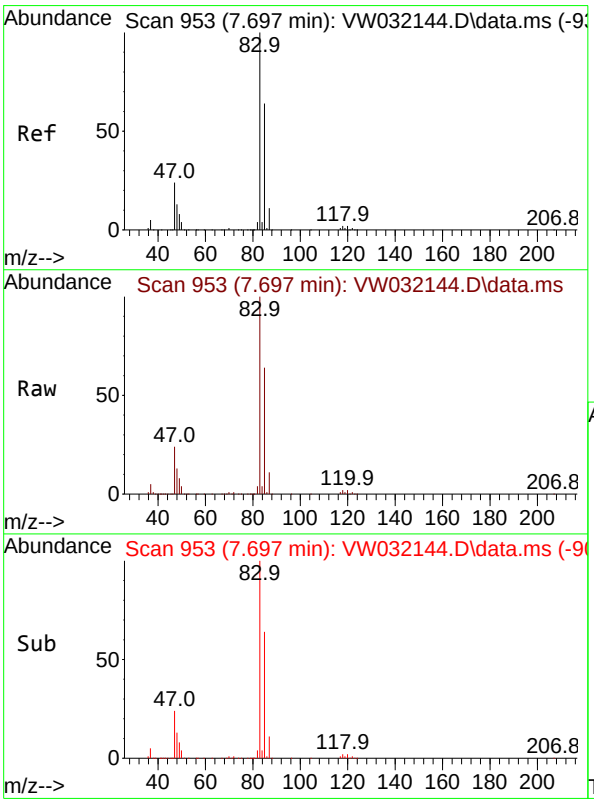
Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.4	56.2
71	45.0	36.0	54.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

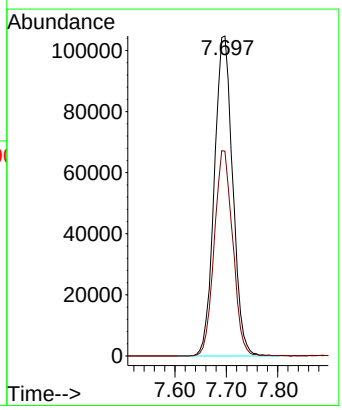
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

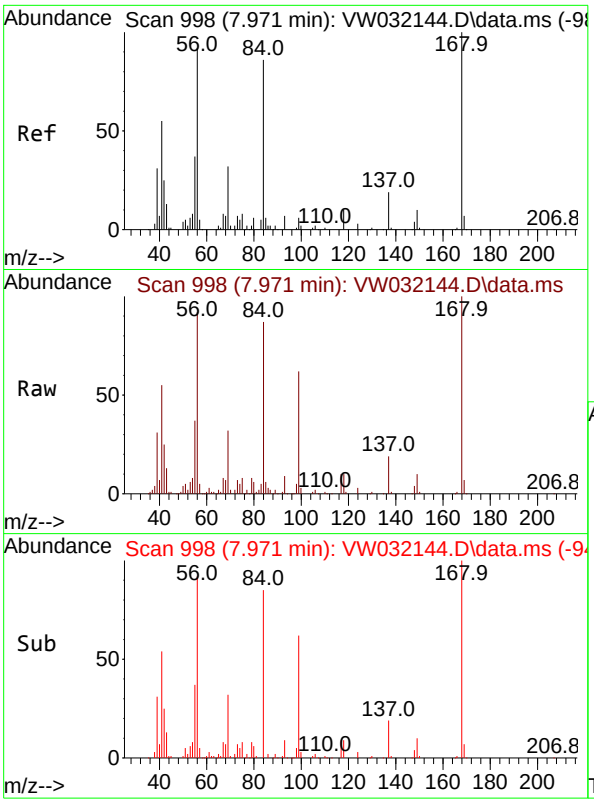


#30
Chloroform
Concen: 51.166 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 83 Resp: 260062

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8

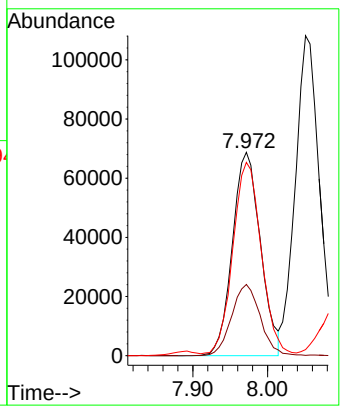




#31
Cyclohexane
Concen: 49.109 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 56 Resp: 17943

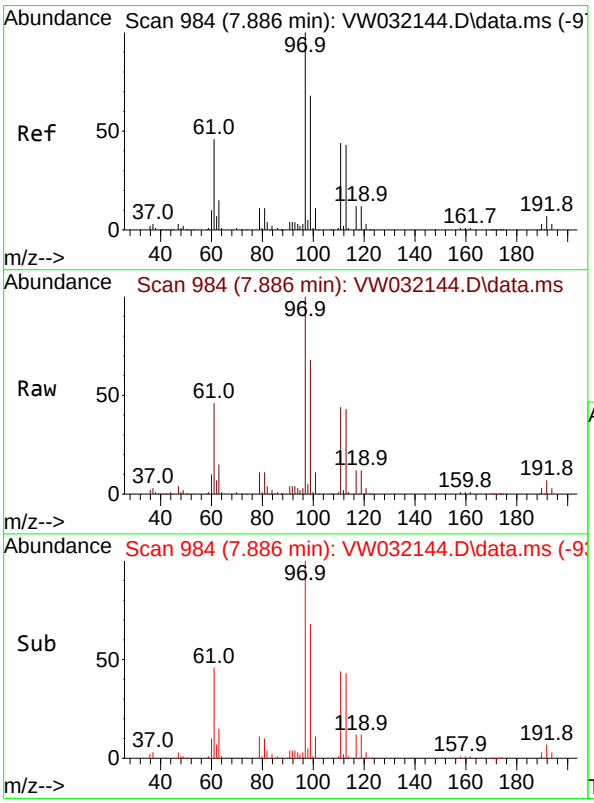
Ion	Ratio	Lower	Upper
56	100		
69	34.6	27.7	41.5
84	93.3	74.6	112.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

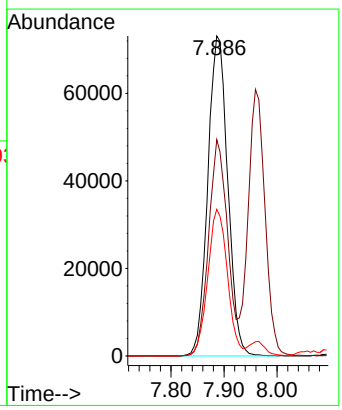
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

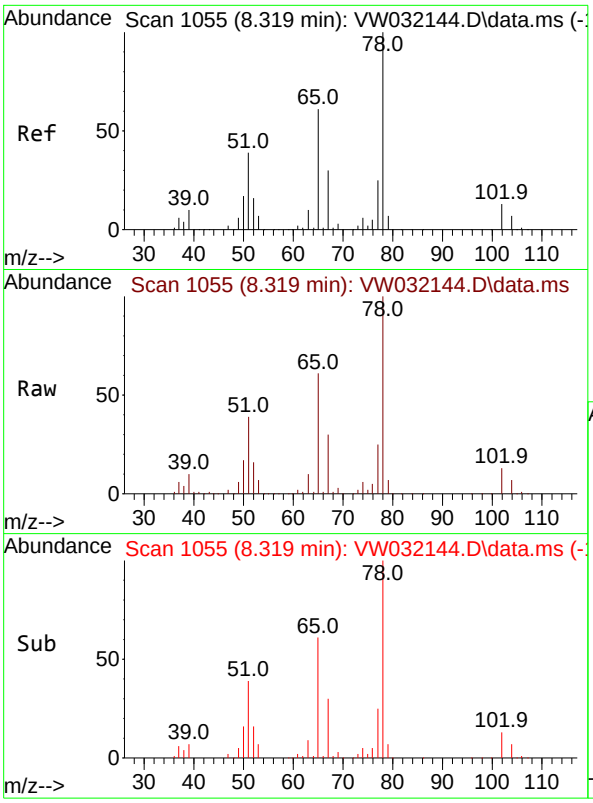


#32
1,1,1-Trichloroethane
Concen: 51.420 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 97 Resp: 190783

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	45.3	36.2	54.4

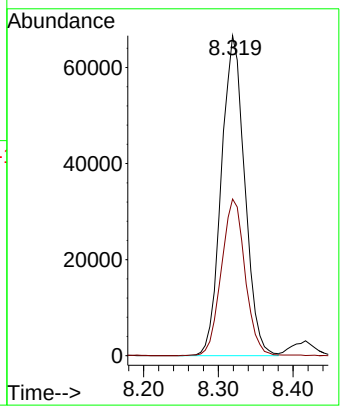




#33
1,2-Dichloroethane-d4
Concen: 48.737 ug/l
RT: 8.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 65 Resp: 14505

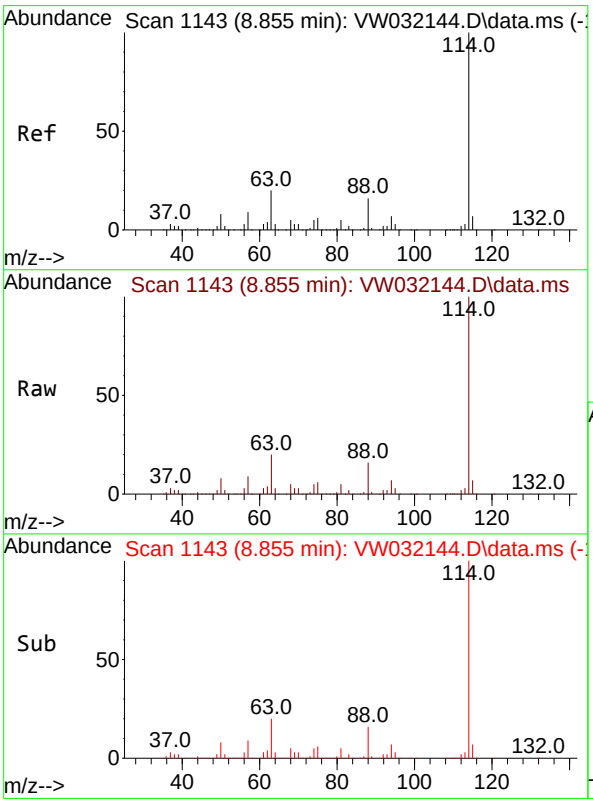
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

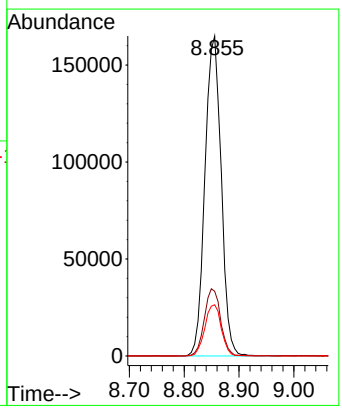
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

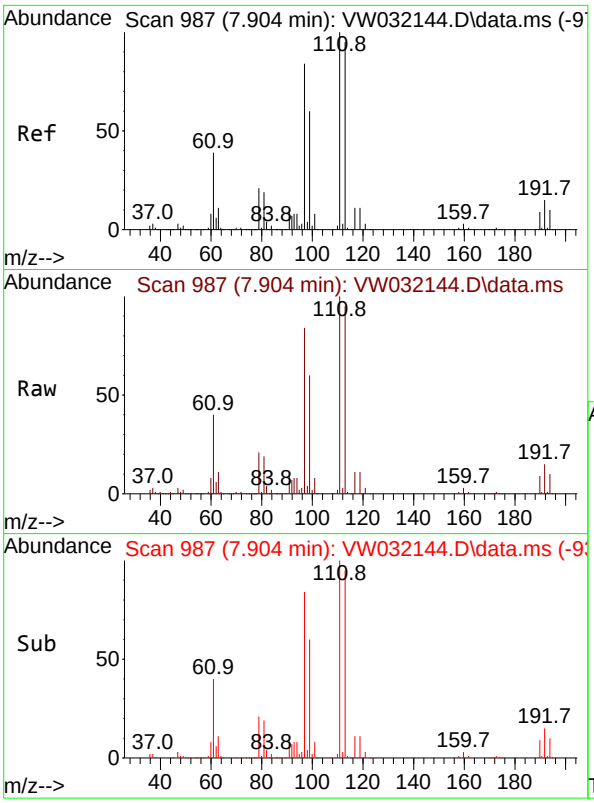


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:114 Resp: 338131

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.4
88	16.0	0.0	32.0

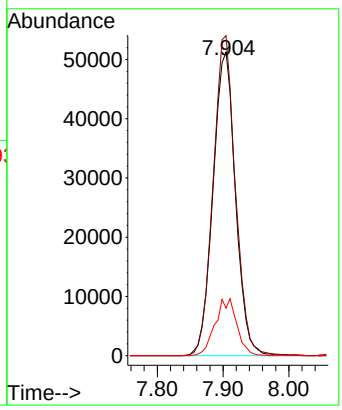




#35
Dibromofluoromethane
Concen: 51.259 ug/l
RT: 7.904 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:113 Resp: 12160

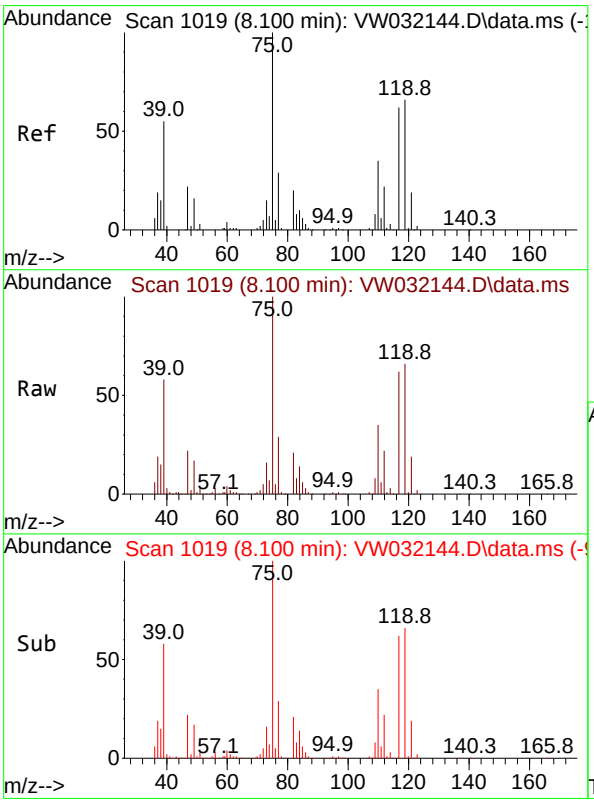
Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.9	125.9
192	18.2	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

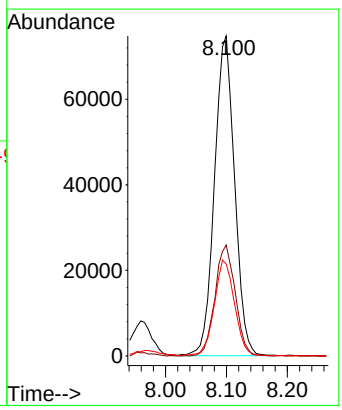
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

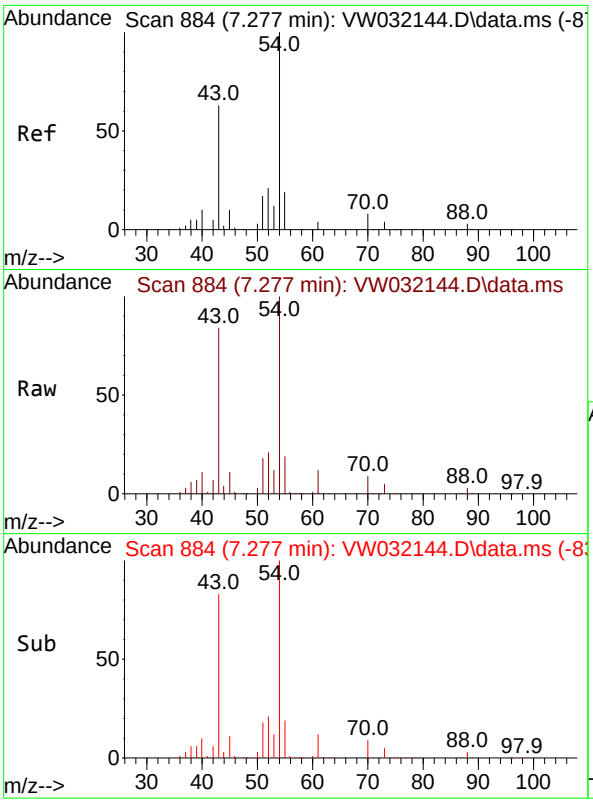


#36
1,1-Dichloropropene
Concen: 55.769 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 75 Resp: 171538

Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.5	52.5
77	30.1	24.1	36.1

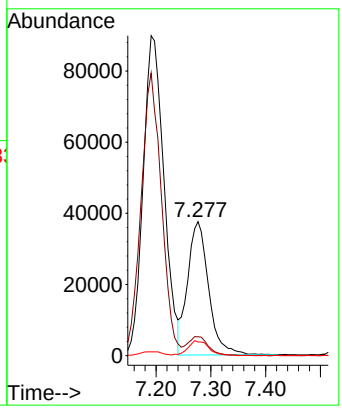




#37
Ethyl Acetate
Concen: 54.174 ug/l
RT: 7.277 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 43 Resp: 9996

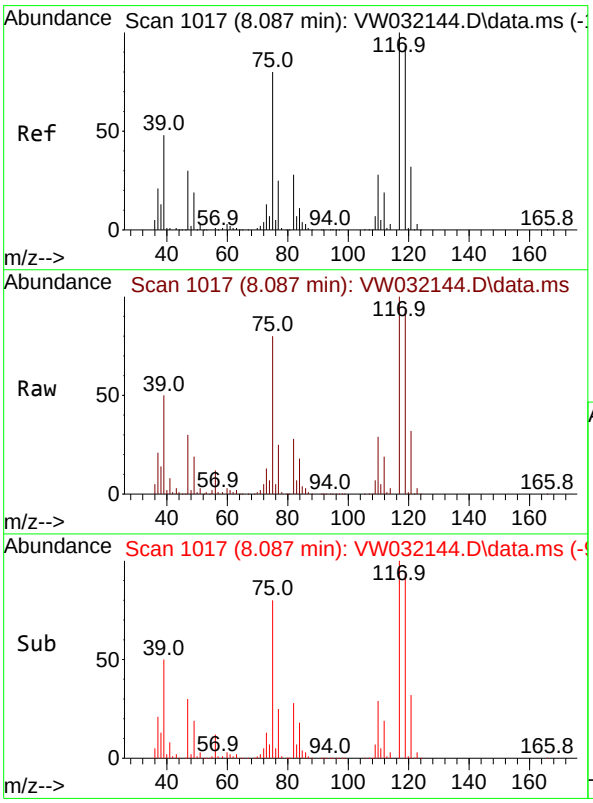
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	11.1	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

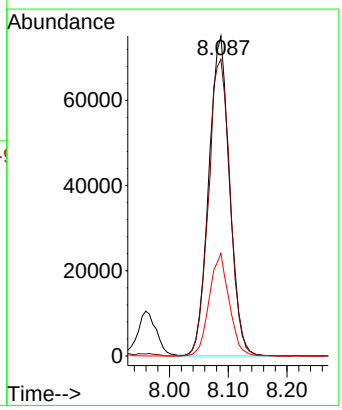
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

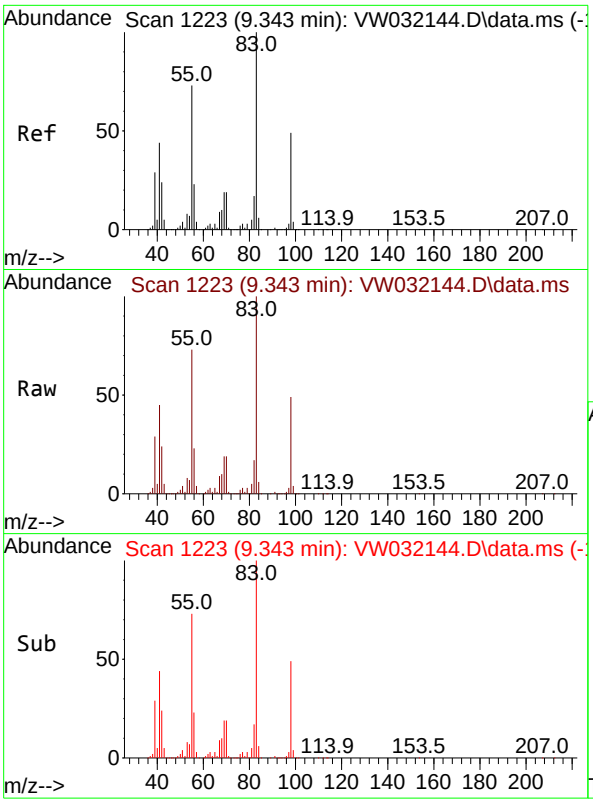


#38
Carbon Tetrachloride
Concen: 55.894 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:117 Resp: 184303

Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.2	111.2
121	32.0	25.6	38.4

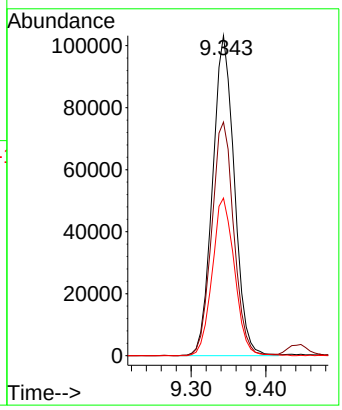




#39
Methylcyclohexane
Concen: 57.253 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 83 Resp: 20858

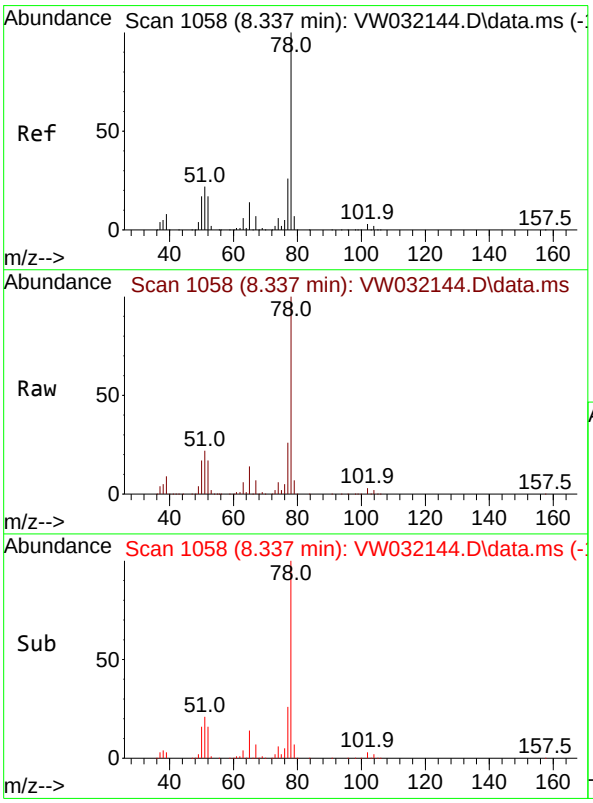
Ion	Ratio	Lower	Upper
83	100		
55	73.0	58.4	87.6
98	49.3	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

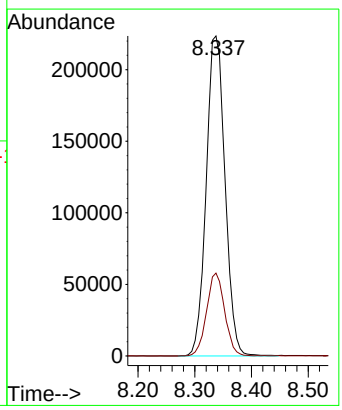
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

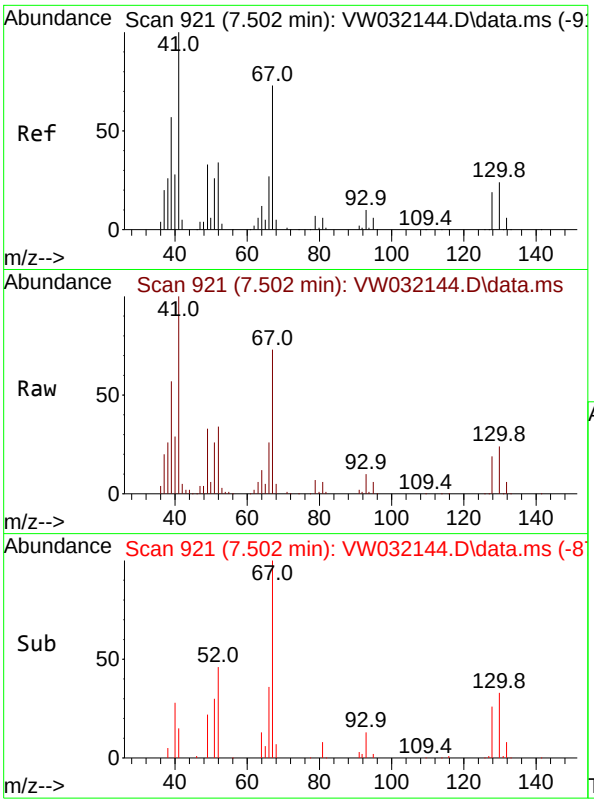


#40
Benzene
Concen: 54.251 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 78 Resp: 515814

Ion	Ratio	Lower	Upper
78	100		
77	25.9	20.7	31.1

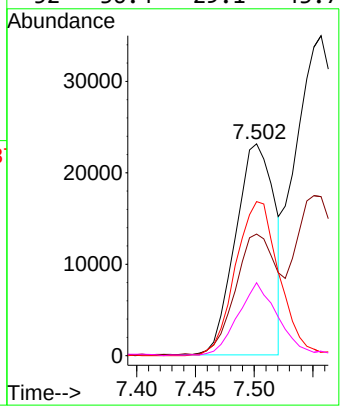




#41
Methacrylonitrile
Concen: 52.013 ug/l
RT: 7.502 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 41 Resp: 5332

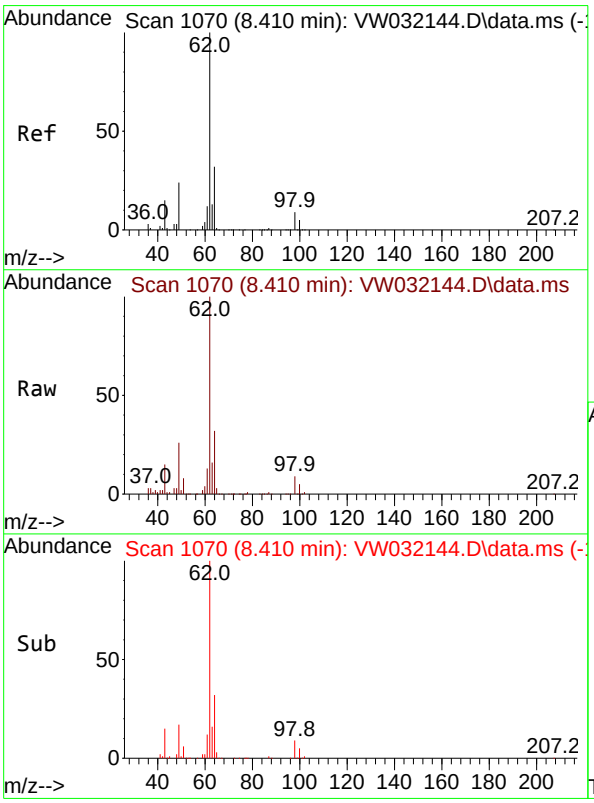
Ion	Ratio	Lower	Upper
41	100		
39	63.6	50.9	76.3
67	82.0	65.6	98.4
52	36.4	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

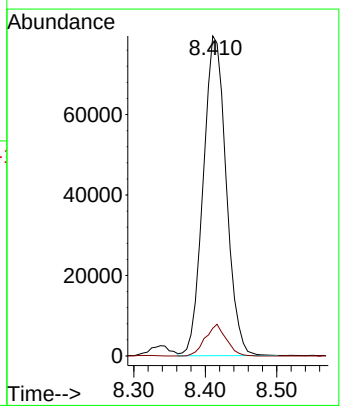
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

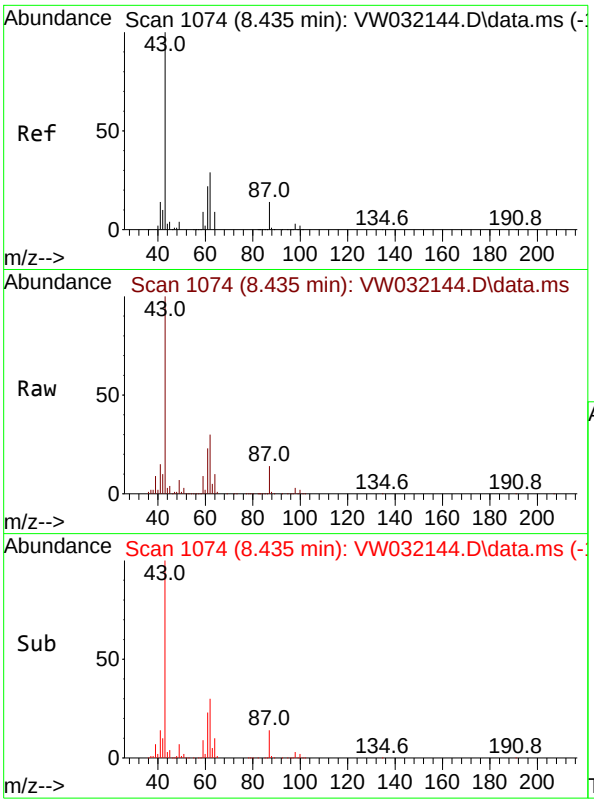


#42
1,2-Dichloroethane
Concen: 53.773 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 62 Resp: 177239

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

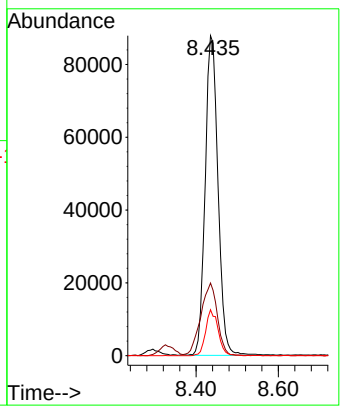




#43
Isopropyl Acetate
Concen: 55.138 ug/l
RT: 8.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 43 Resp: 19086

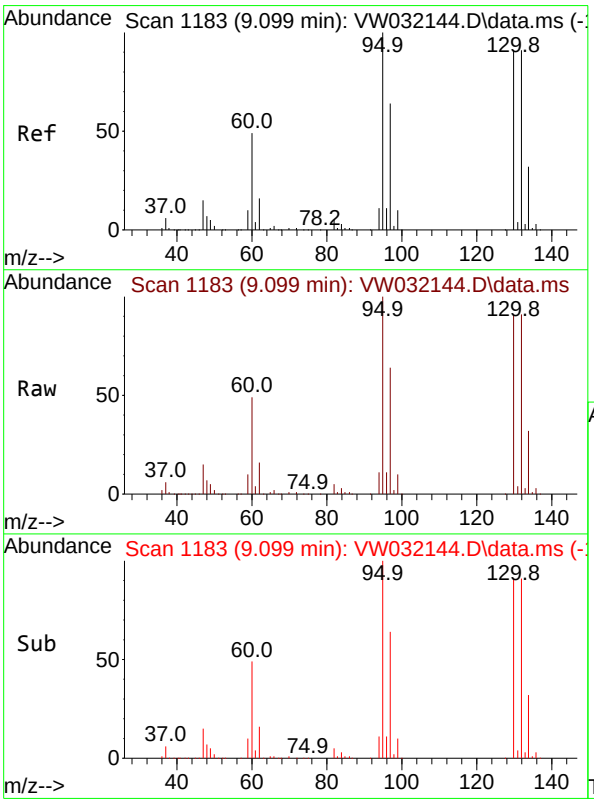
Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.3	34.9
87	13.9	11.1	16.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

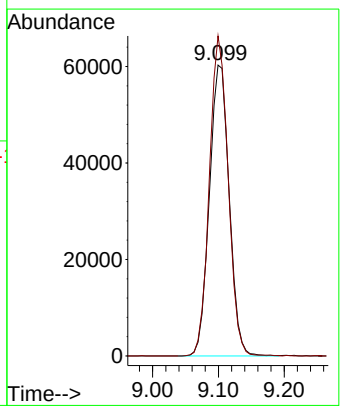
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

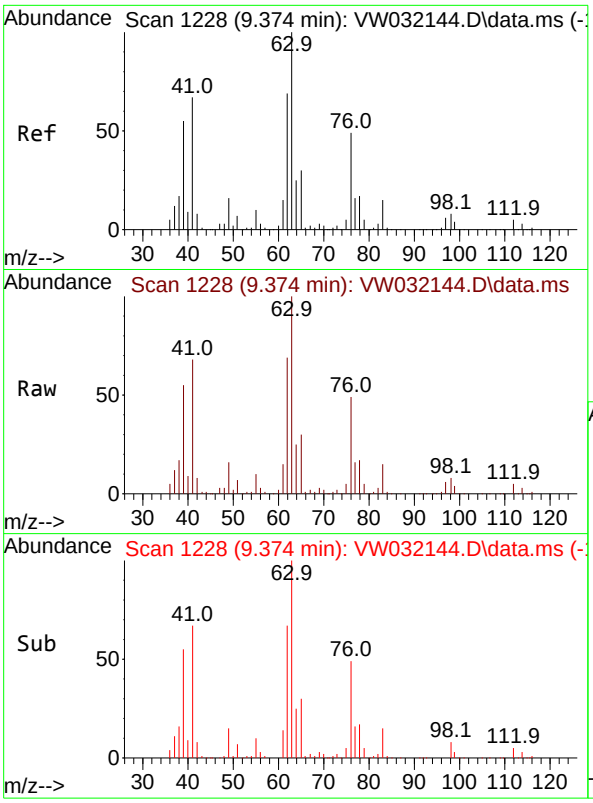


#44
Trichloroethene
Concen: 52.906 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:130 Resp: 126501

Ion	Ratio	Lower	Upper
130	100		
95	110.0	0.0	220.0

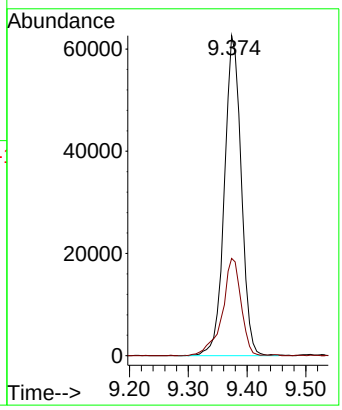




#45
1,2-Dichloropropane
Concen: 54.569 ug/l
RT: 9.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 63 Resp: 12507

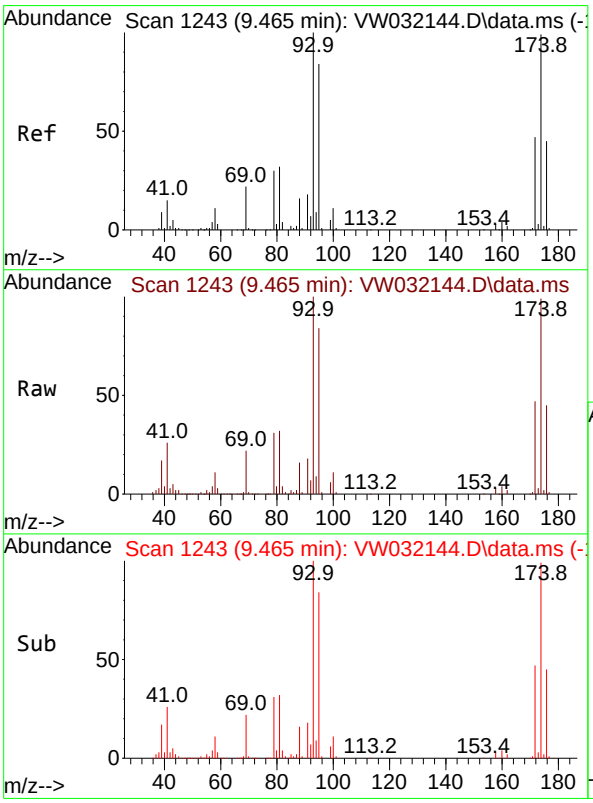
Ion	Ratio	Lower	Upper
63	100		
65	30.4	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

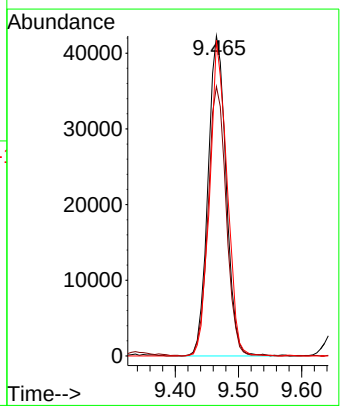
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

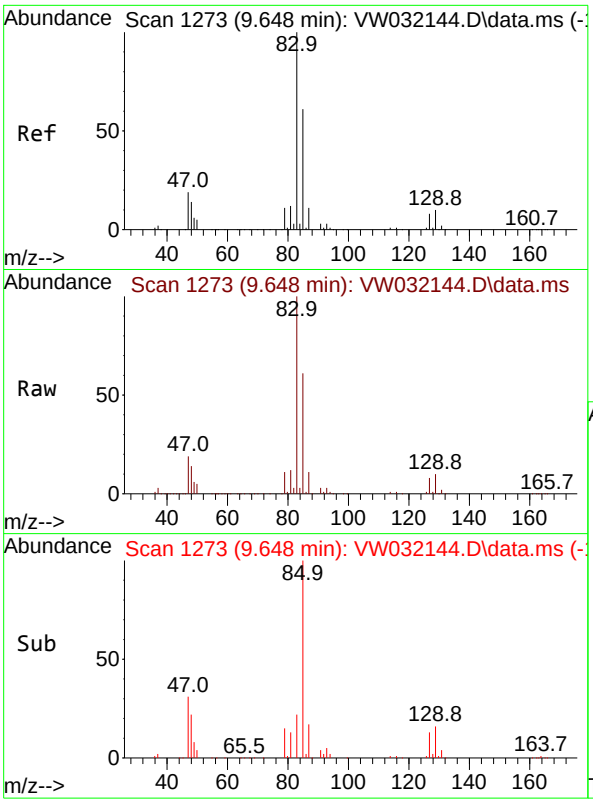


#46
Dibromomethane
Concen: 52.422 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 93 Resp: 84274

Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.4	101.2
174	94.6	75.7	113.5

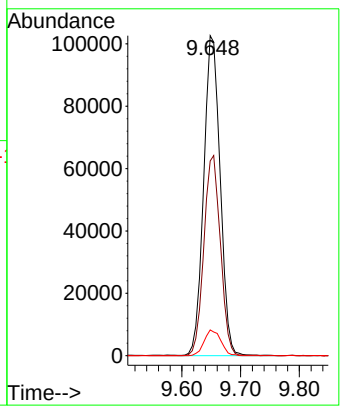




#47
Bromodichloromethane
Concen: 54.907 ug/l
RT: 9.648 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 83 Resp: 20058

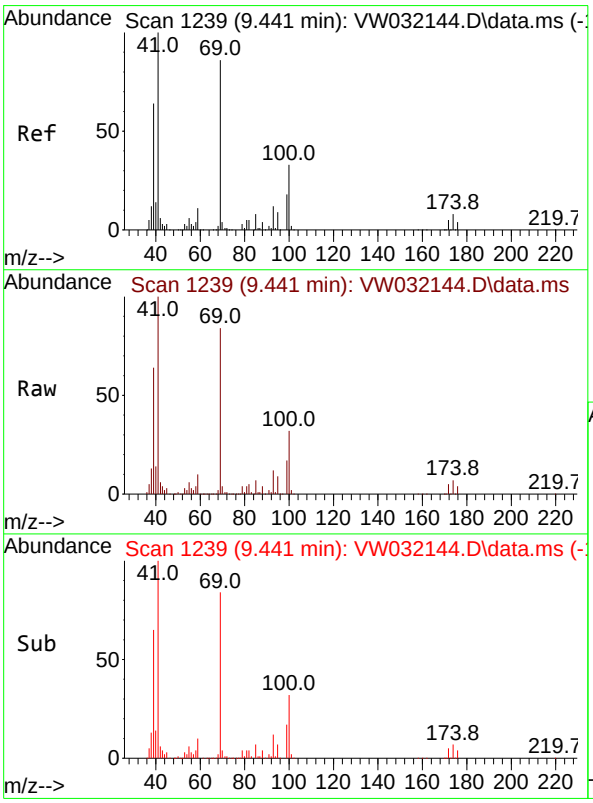
Ion	Ratio	Lower	Upper
83	100		
85	60.9	48.7	73.1
127	8.0	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

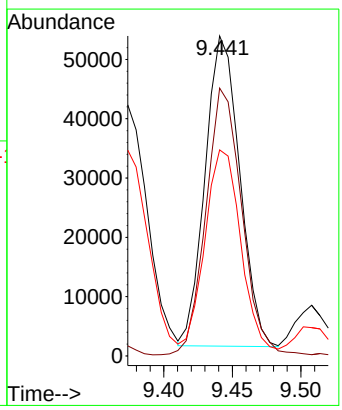
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

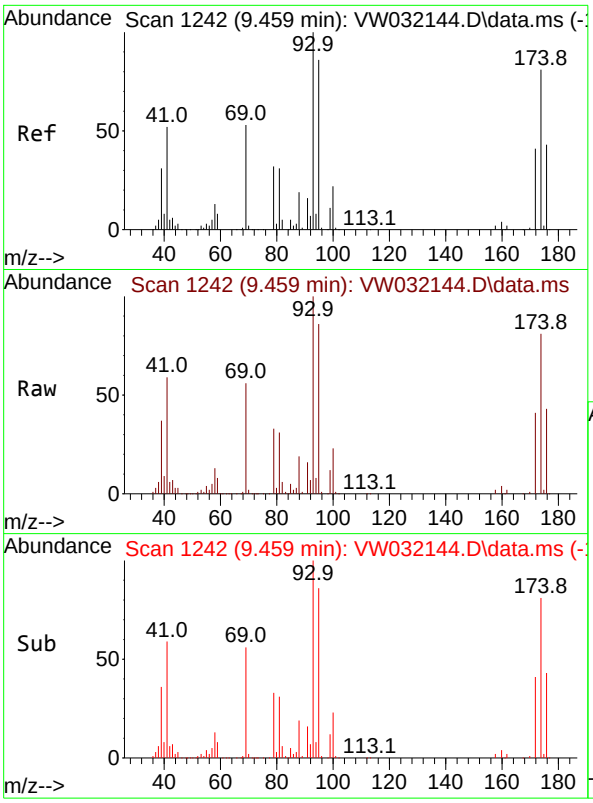


#48
Methyl methacrylate
Concen: 57.519 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 41 Resp: 91758

Ion	Ratio	Lower	Upper
41	100		
69	89.4	71.5	107.3
39	69.9	55.9	83.9

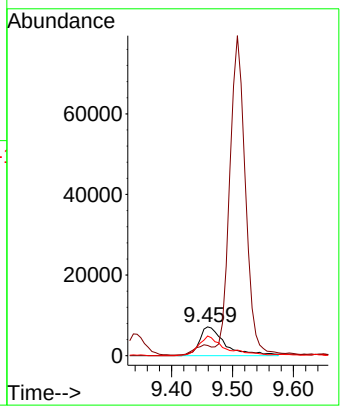




#49
1,4-Dioxane
Concen: 1085.077 ug/l
RT: 9.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 88 Resp: 2107

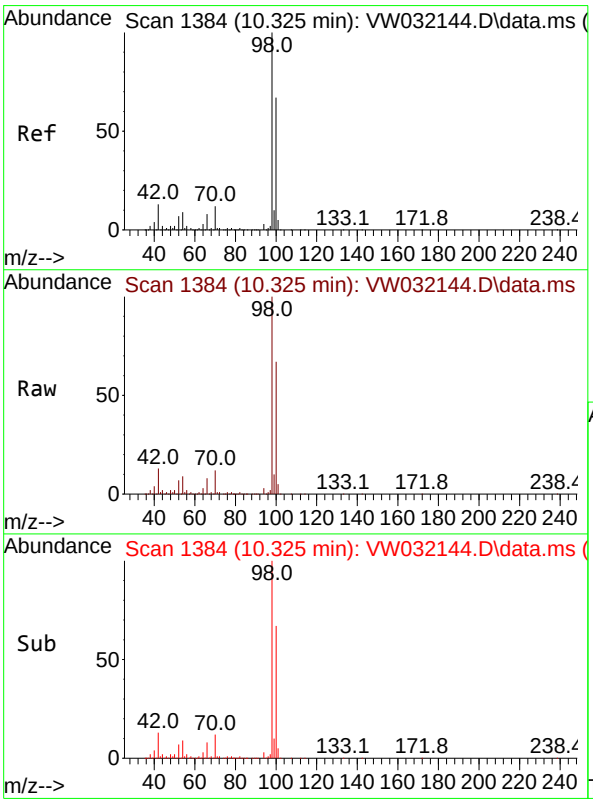
Ion	Ratio	Lower	Upper
88	100		
43	22.5	18.0	27.0
58	69.2	55.4	83.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

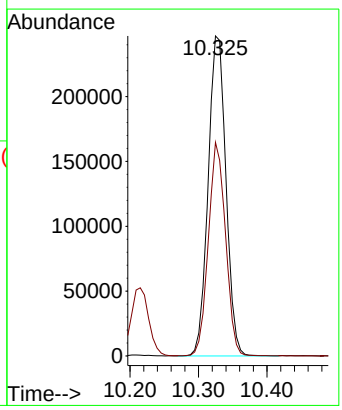
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

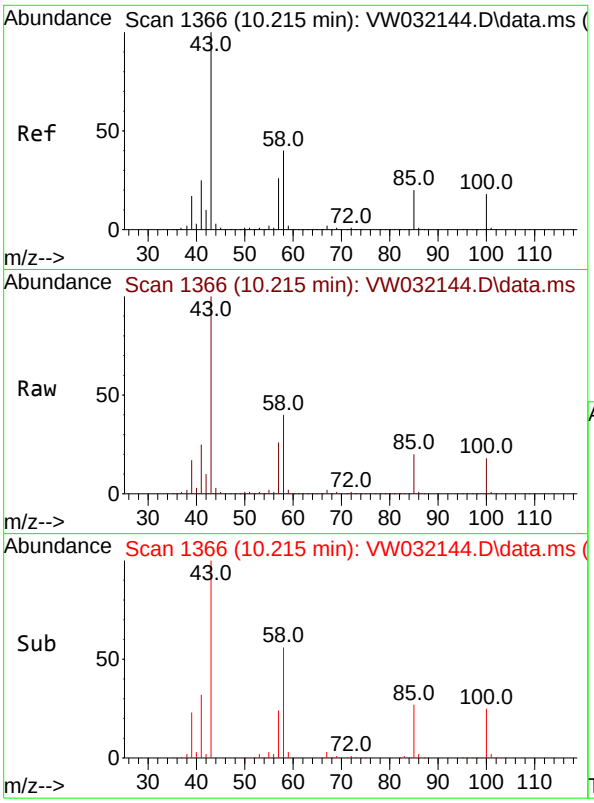


#50
Toluene-d8
Concen: 53.665 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 98 Resp: 446917

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2





#51
4-Methyl-2-Pentanone
Concen: 273.793 ug/l
RT: 10.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

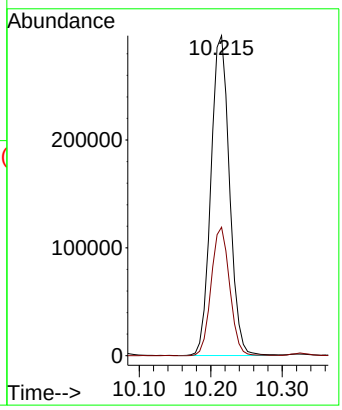
Tgt Ion: 43 Resp: 53515

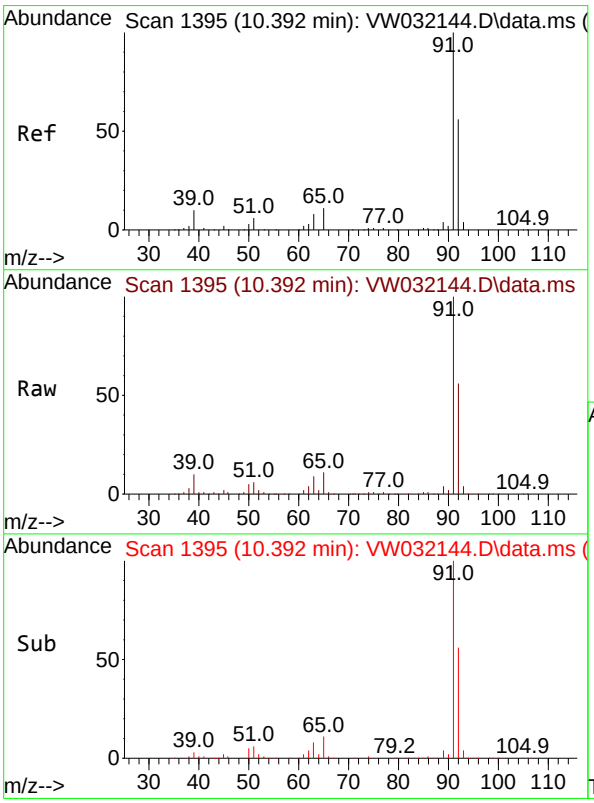
Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.0	48.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

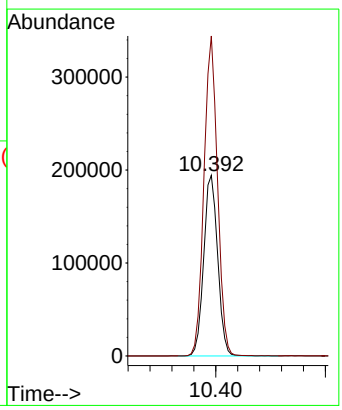


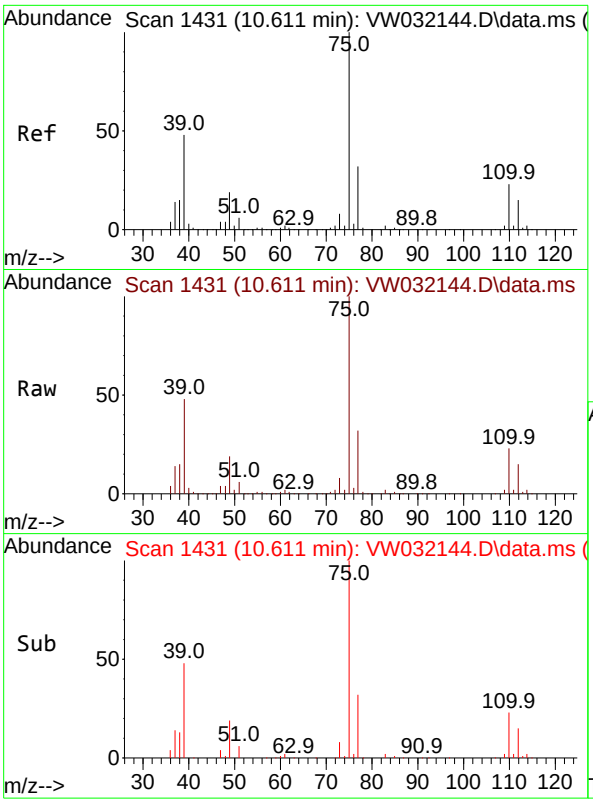


#52
Toluene
Concen: 54.963 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 92 Resp: 341497

Ion	Ratio	Lower	Upper
92	100		
91	171.9	137.5	206.3

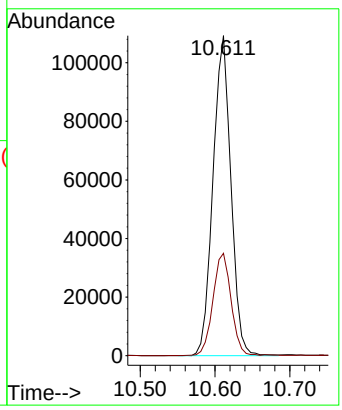




#53
t-1,3-Dichloropropene
Concen: 56.425 ug/l
RT: 10.611 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 75 Resp: 18184

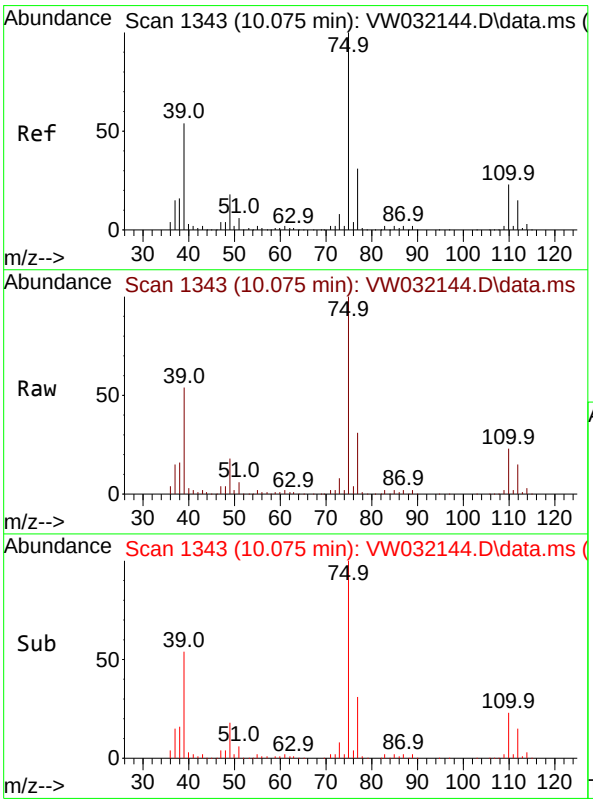
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.6	38.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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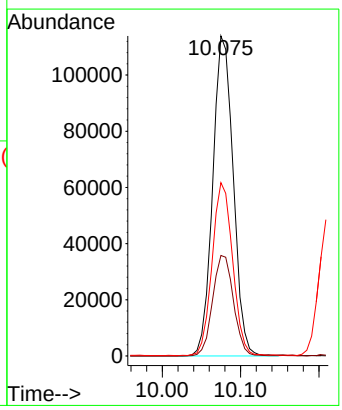
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

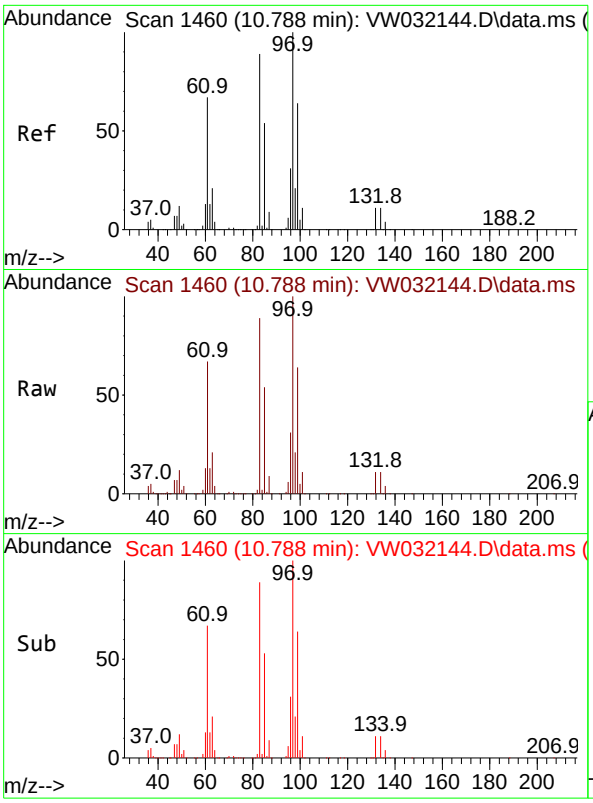


#54
cis-1,3-Dichloropropene
Concen: 56.335 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 75 Resp: 207161

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	54.0	43.2	64.8

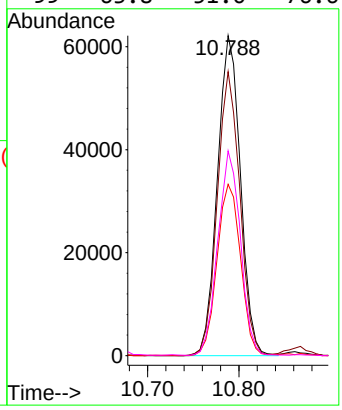




#55
1,1,2-Trichloroethane
Concen: 52.063 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 97 Resp: 10883

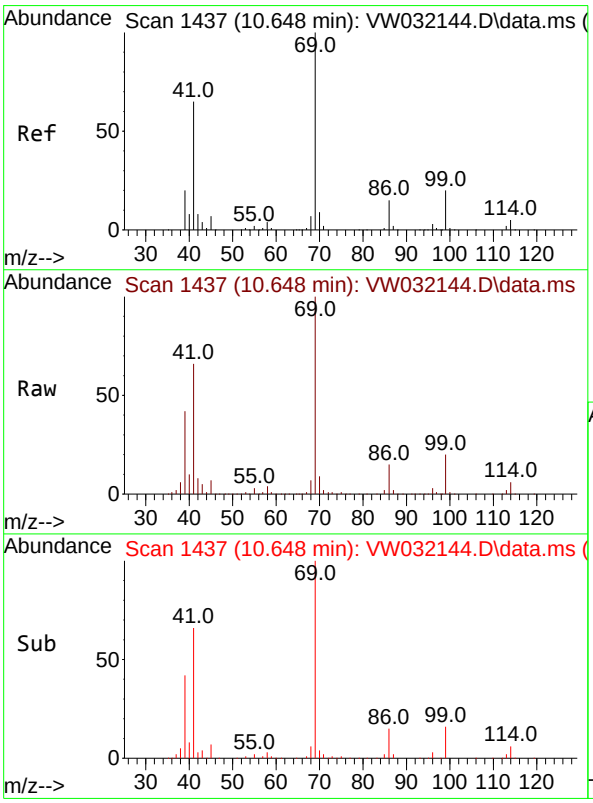
Ion	Ratio	Lower	Upper
97	100		
83	88.8	71.0	106.6
85	53.5	42.8	64.2
99	63.8	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

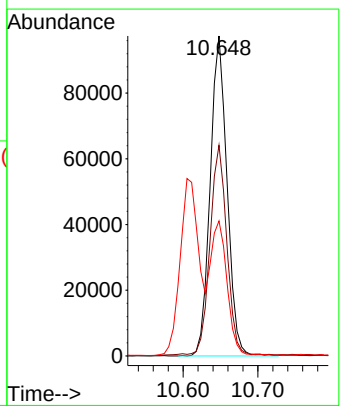
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

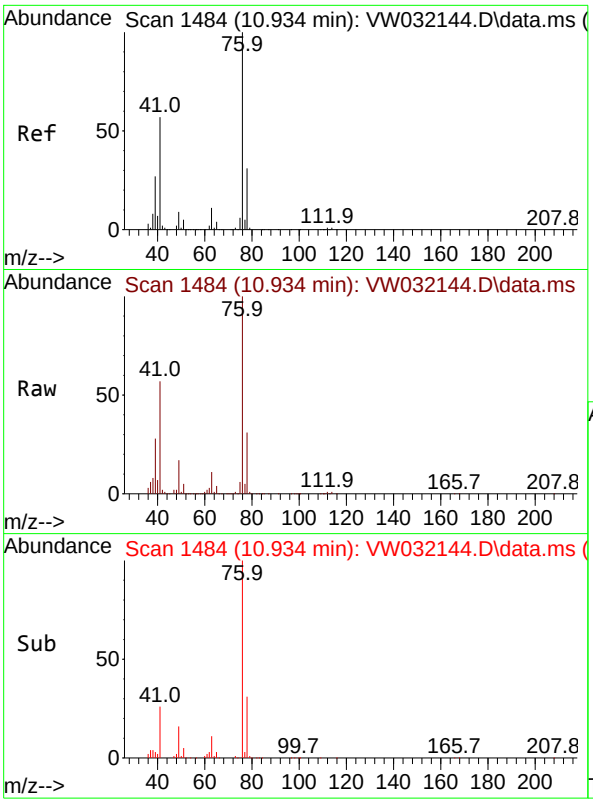


#56
Ethyl methacrylate
Concen: 57.318 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 69 Resp: 153187

Ion	Ratio	Lower	Upper
69	100		
41	66.5	53.2	79.8
39	41.1	32.9	49.3

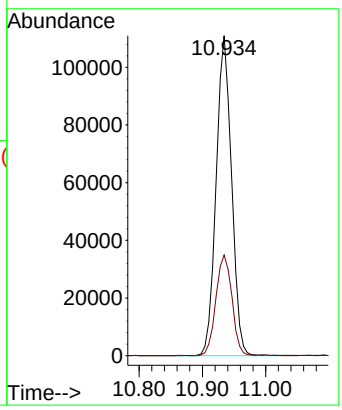




#57
1,3-Dichloropropane
Concen: 53.407 ug/l
RT: 10.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 76 Resp: 18694

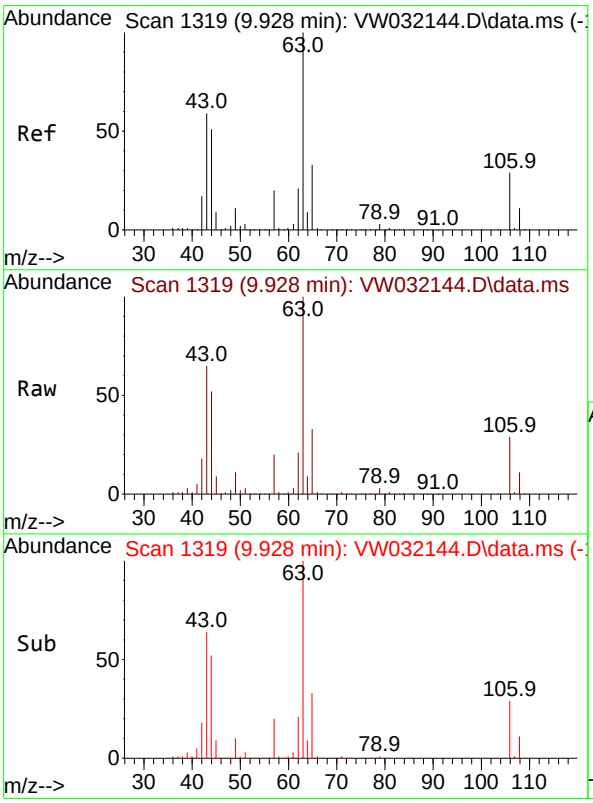
Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

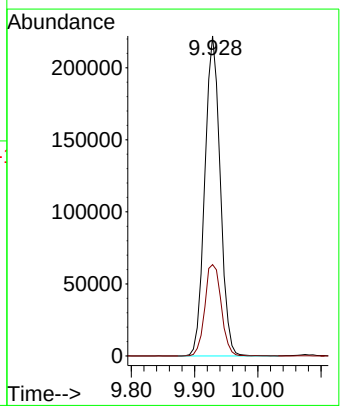
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

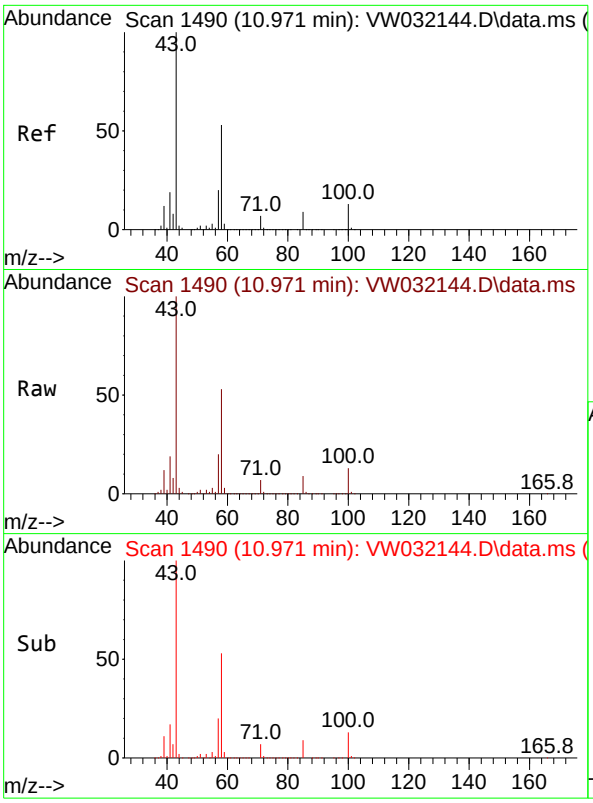


#58
2-Chloroethyl Vinyl ether
Concen: 264.017 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 63 Resp: 376622

Ion	Ratio	Lower	Upper
63	100		
106	30.4	24.3	36.5





#59
2-Hexanone
Concen: 277.678 ug/l
RT: 10.971 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

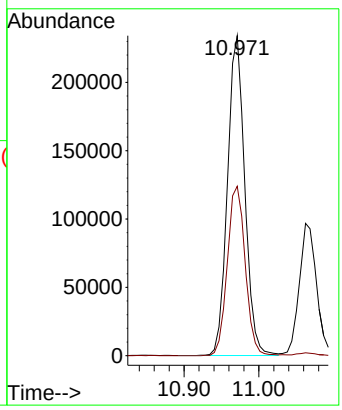
Tgt Ion: 43 Resp: 37746

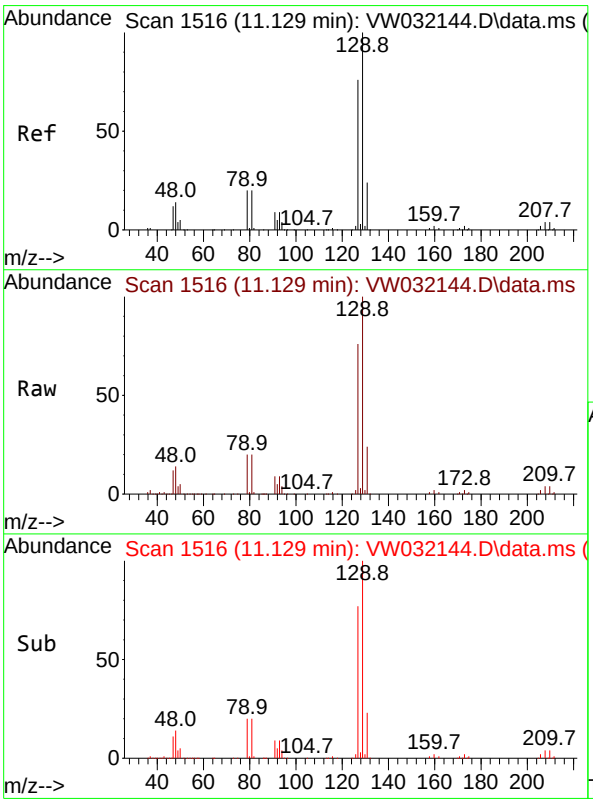
Ion	Ratio	Lower	Upper
43	100		
58	54.9	27.5	82.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

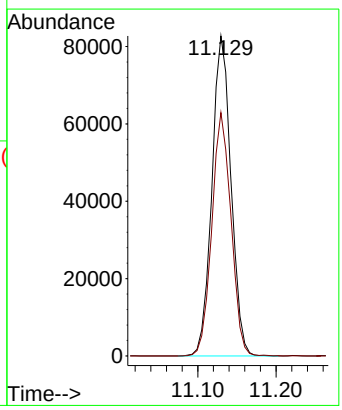


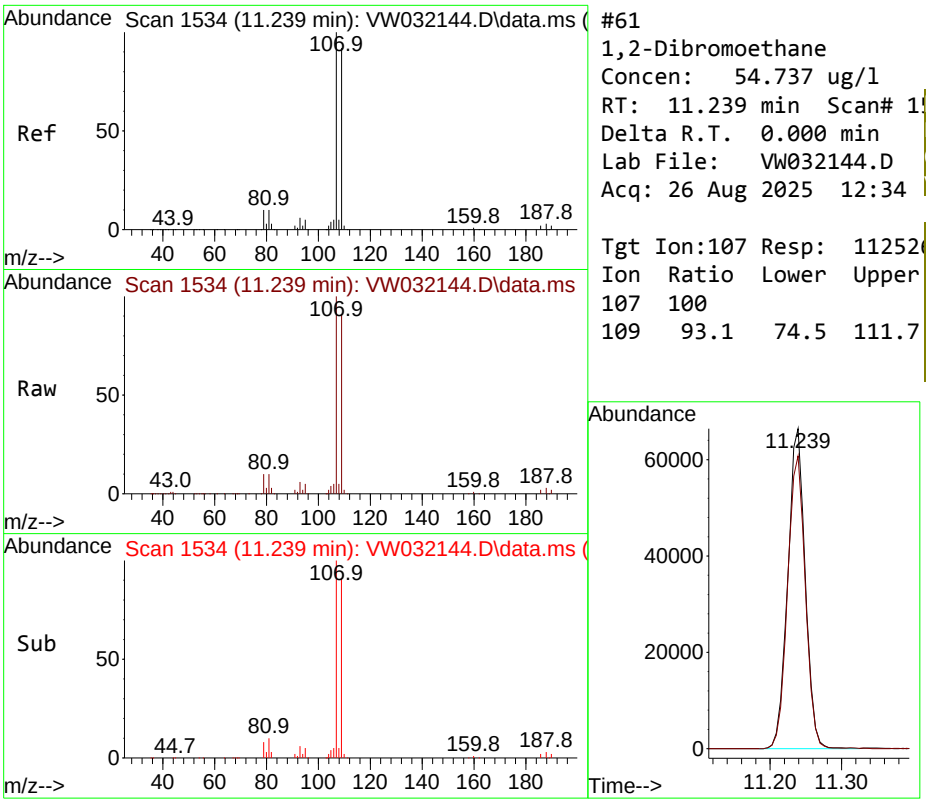


#60
Dibromochloromethane
Concen: 55.391 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:129 Resp: 140114

Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.1	114.5





#61
1,2-Dibromoethane
Concen: 54.737 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

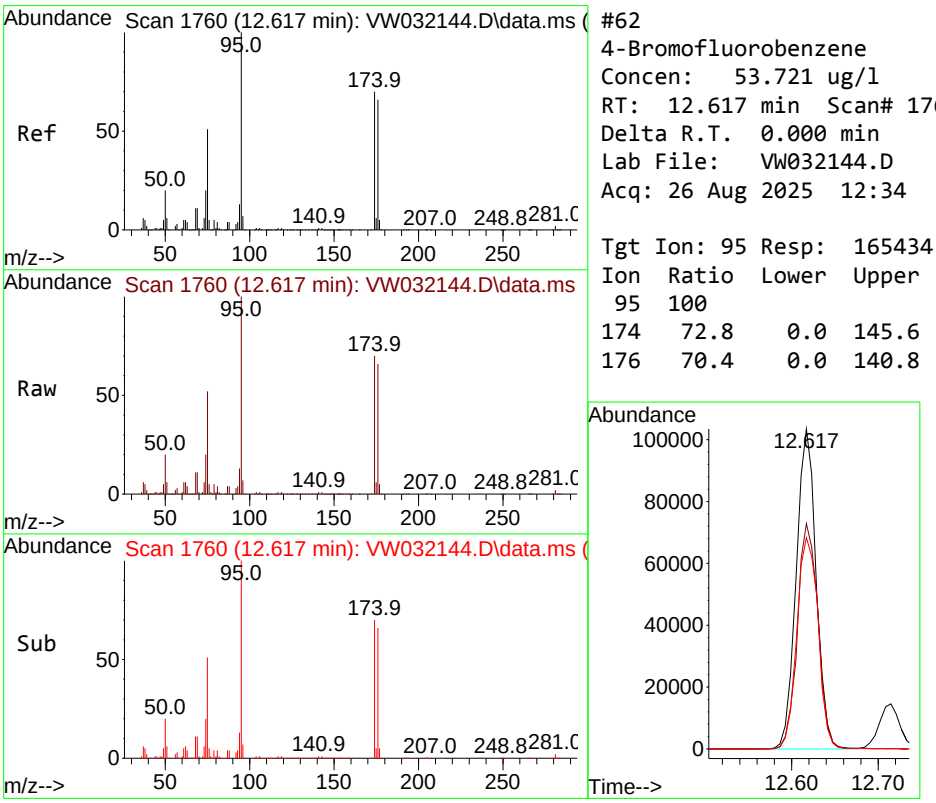
Tgt Ion:107 Resp: 11252

Ion	Ratio	Lower	Upper
107	100		
109	93.1	74.5	111.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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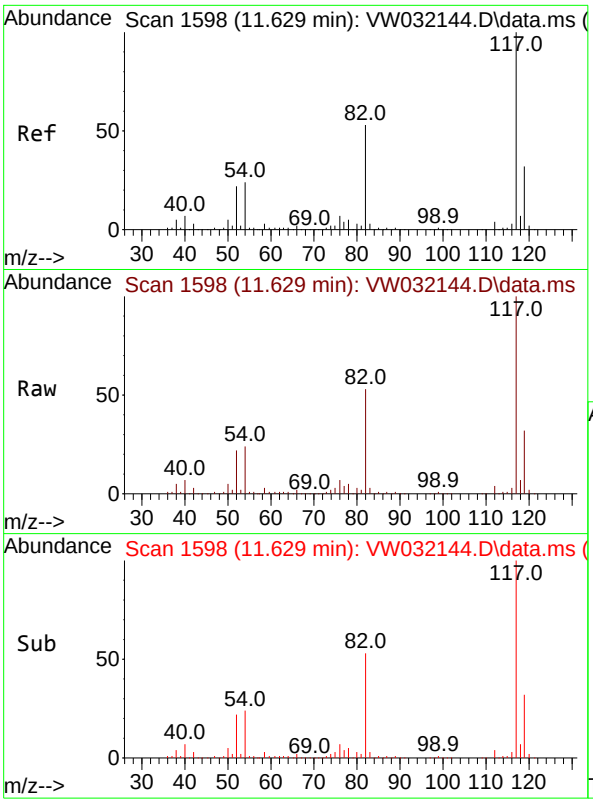
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#62
4-Bromofluorobenzene
Concen: 53.721 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 95 Resp: 165434

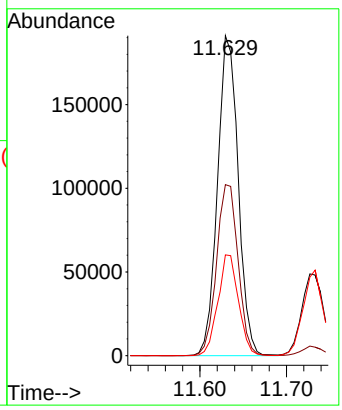
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.6
176	70.4	0.0	140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:117 Resp: 31708

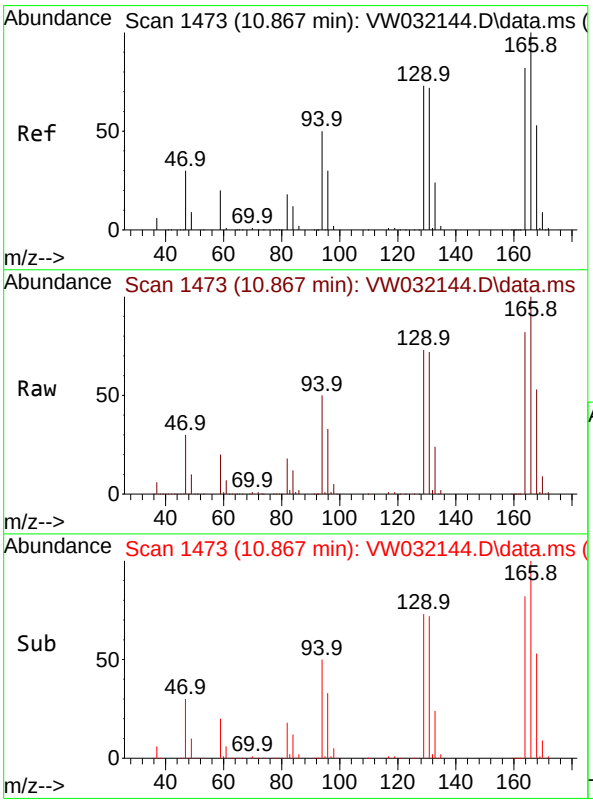
Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.7	64.1
119	31.5	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

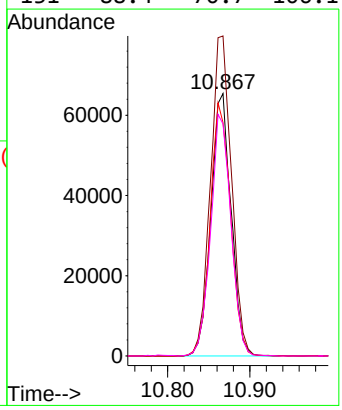
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

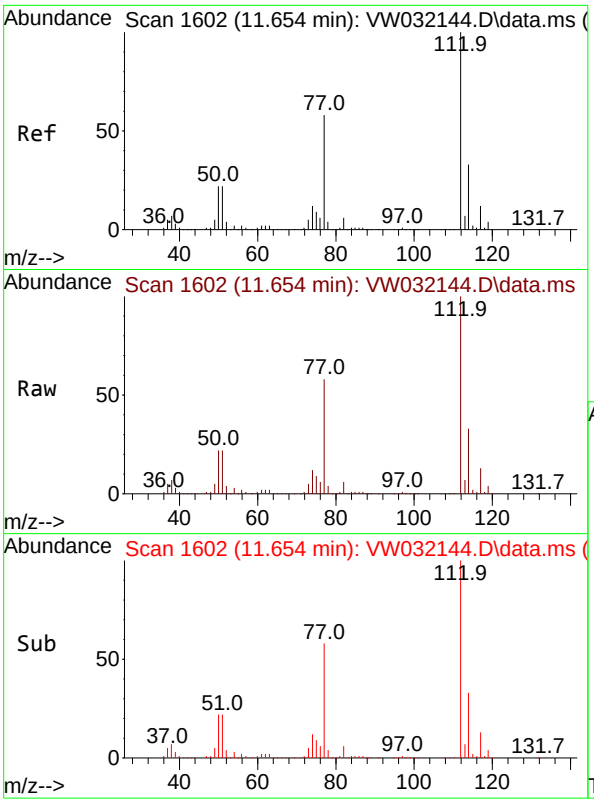


#64
Tetrachloroethene
Concen: 53.642 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:164 Resp: 111948

Ion	Ratio	Lower	Upper
164	100		
166	121.9	97.5	146.3
129	89.0	71.2	106.8
131	88.4	70.7	106.1

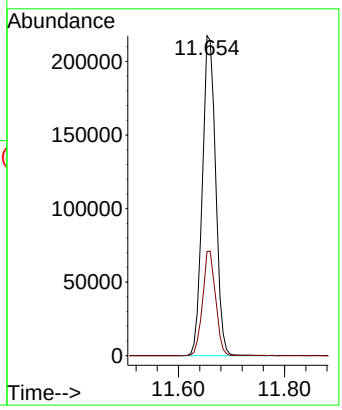




#65
Chlorobenzene
Concen: 52.277 ug/l
RT: 11.654 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:112 Resp: 37730

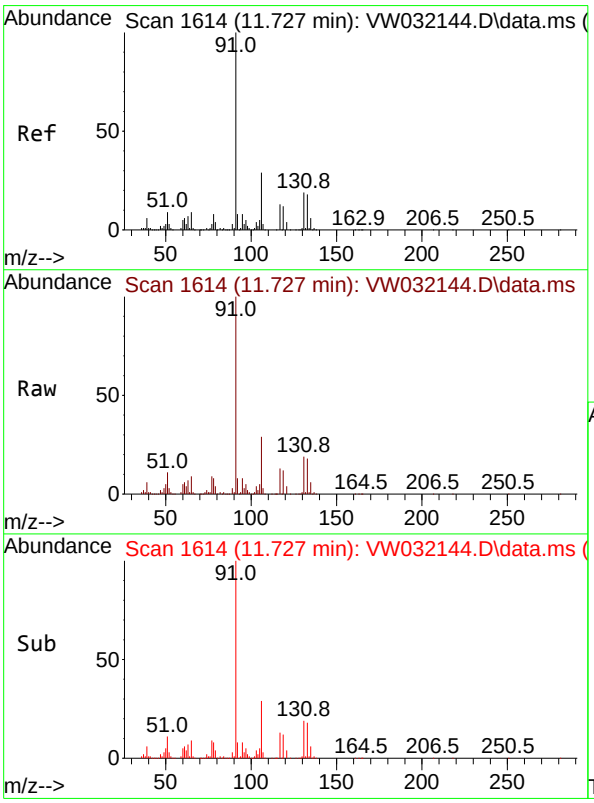
Ion	Ratio	Lower	Upper
112	100		
114	32.5	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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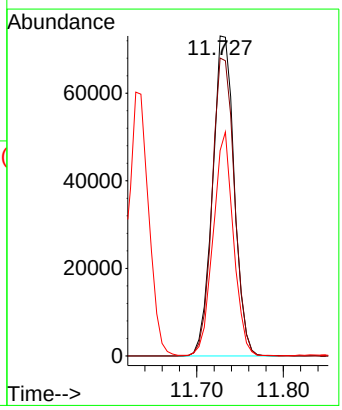
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

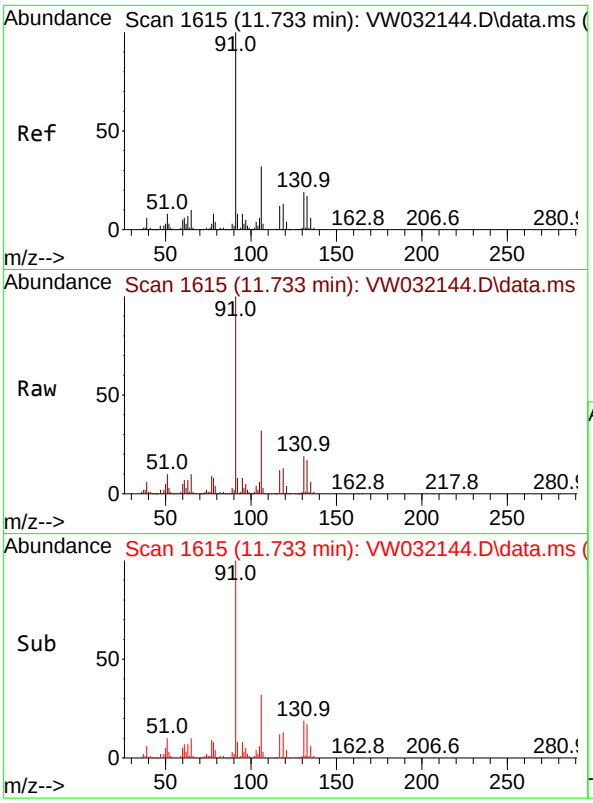


#66
1,1,1,2-Tetrachloroethane
Concen: 53.499 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:131 Resp: 127123

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	65.5	32.8	98.3

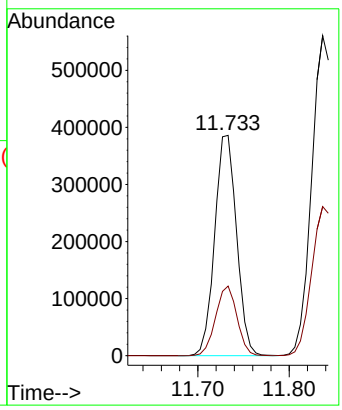




#67
Ethyl Benzene
Concen: 54.348 ug/l
RT: 11.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 91 Resp: 64267

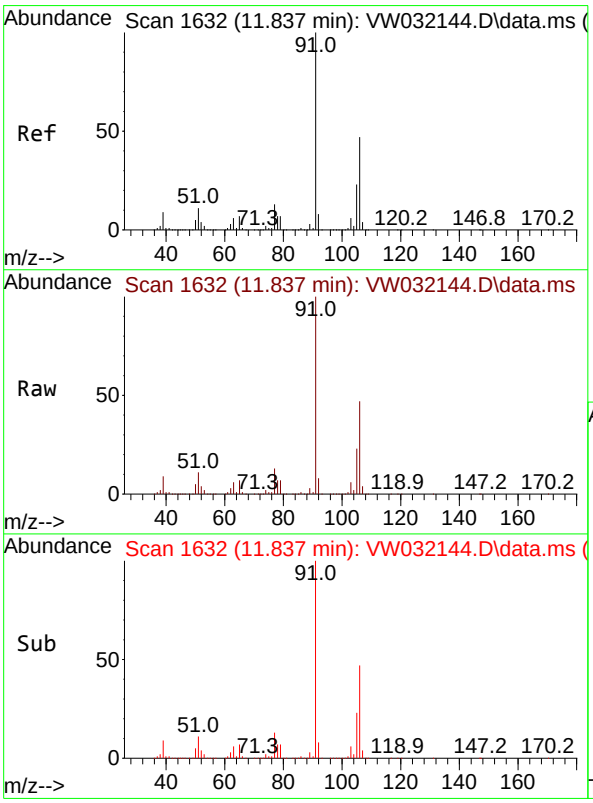
Ion	Ratio	Lower	Upper
91	100		
106	31.6	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

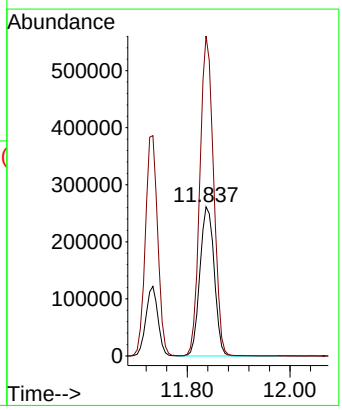
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

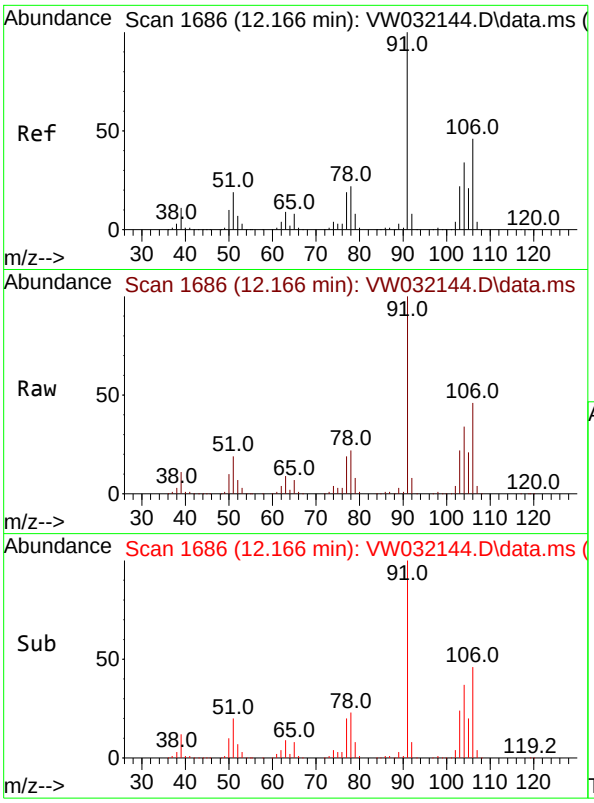


#68
m/p-Xylenes
Concen: 111.156 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:106 Resp: 505883

Ion	Ratio	Lower	Upper
106	100		
91	205.2	164.2	246.2





#69
o-Xylene
Concen: 55.377 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

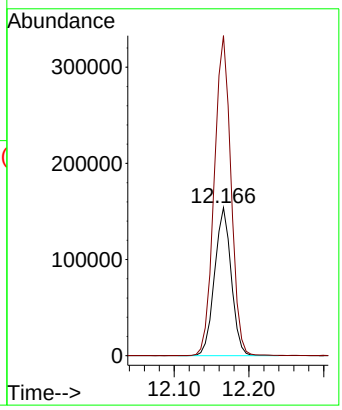
Tgt Ion:106 Resp: 23839

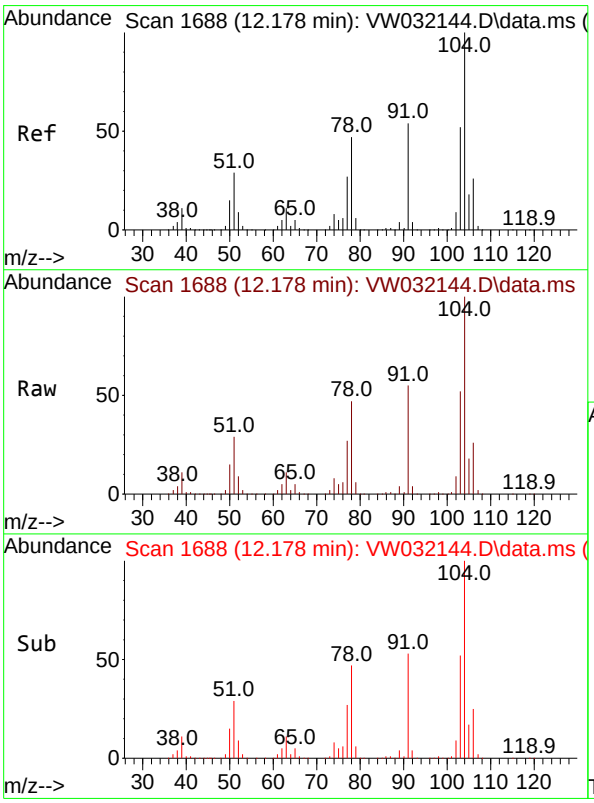
Ion	Ratio	Lower	Upper
106	100		
91	217.5	108.7	326.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

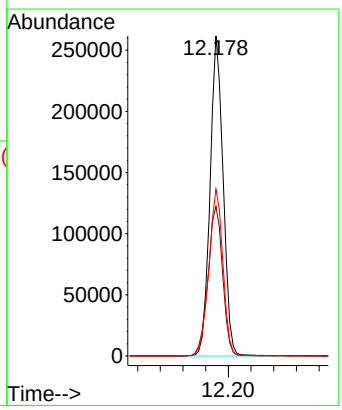


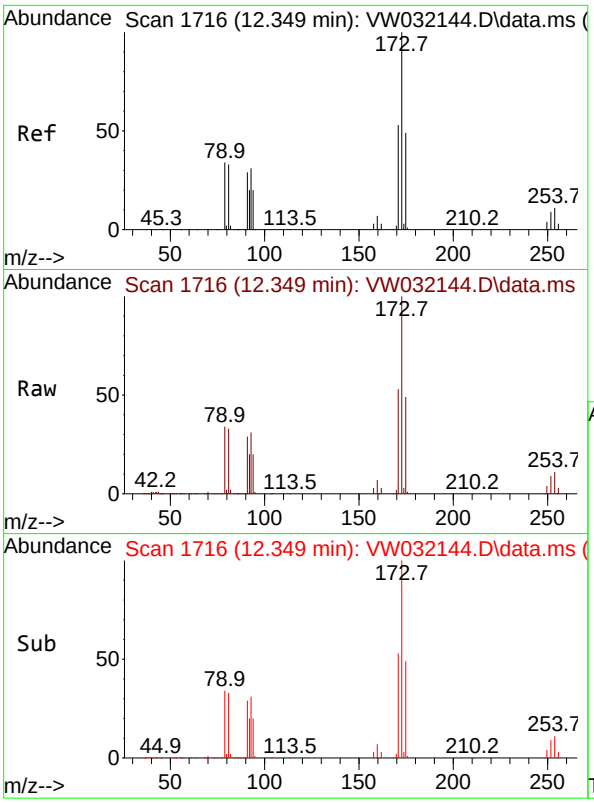


#70
Styrene
Concen: 55.319 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:104 Resp: 419791

Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.6	62.4
103	56.0	44.8	67.2

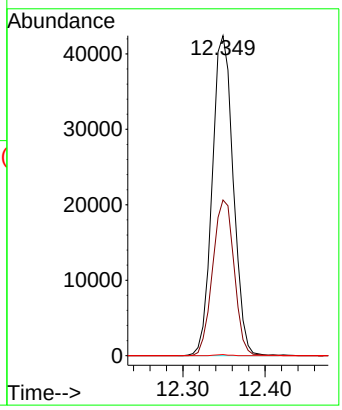




#71
Bromoform
Concen: 53.341 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

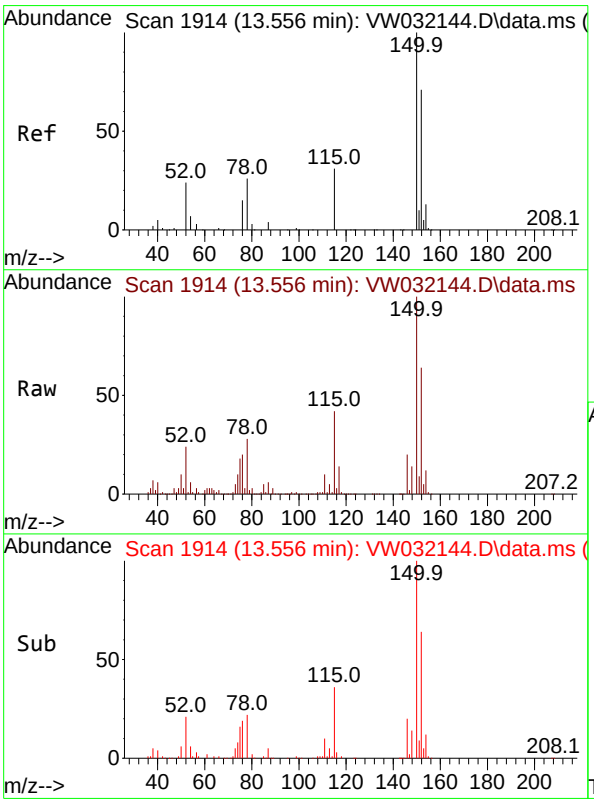
Tgt Ion:173 Resp: 7527

Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.9	74.7
254	0.2	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

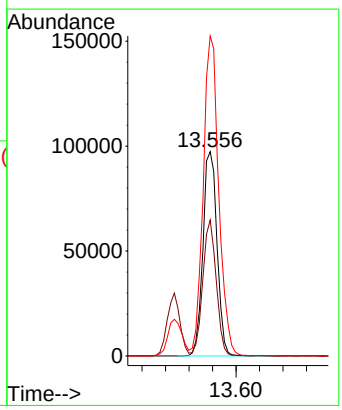
Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

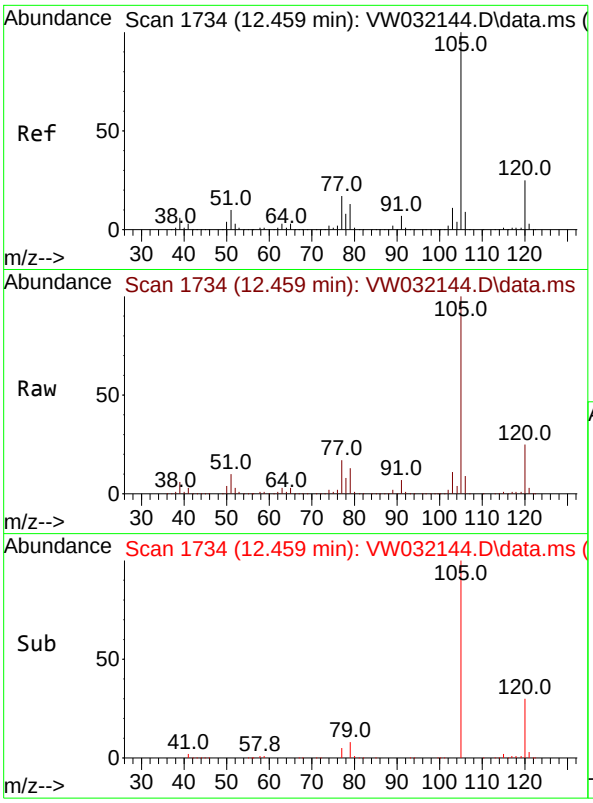


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:152 Resp: 162433

Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.8	95.4
150	171.5	0.0	343.0

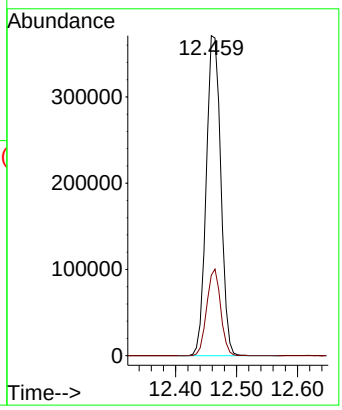




#73
Isopropylbenzene
Concen: 55.757 ug/l
RT: 12.459 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:105 Resp: 61528

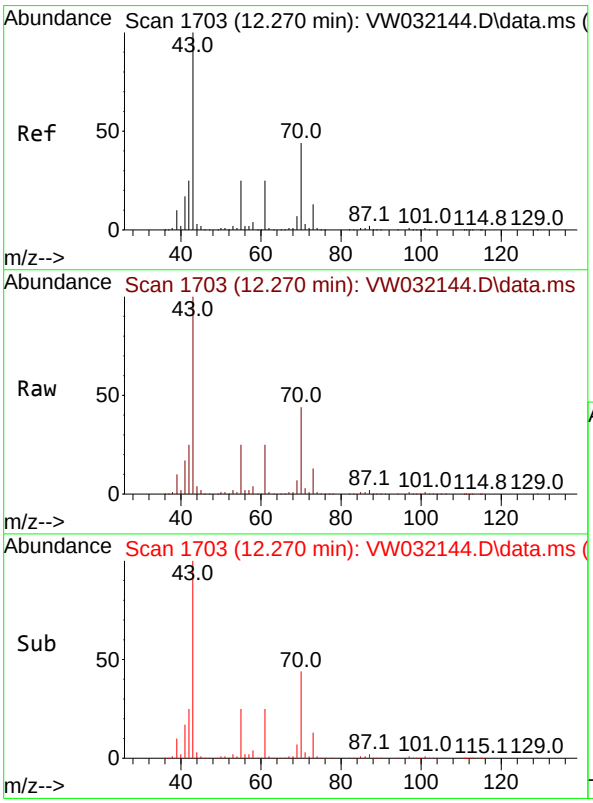
Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

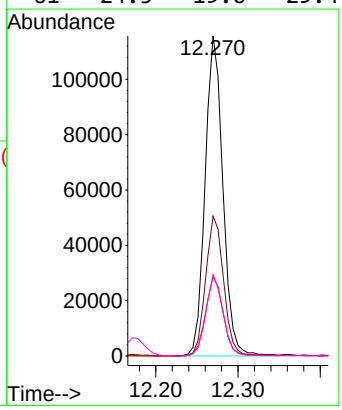
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

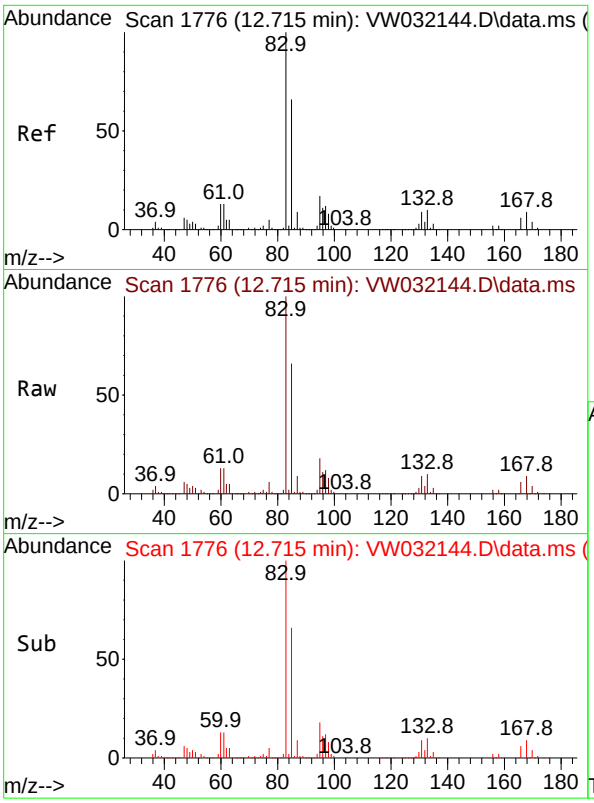


#74
N-amyl acetate
Concen: 54.264 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 43 Resp: 173852

Ion	Ratio	Lower	Upper
43	100		
70	44.1	35.3	52.9
55	24.9	19.9	29.9
61	24.5	19.6	29.4

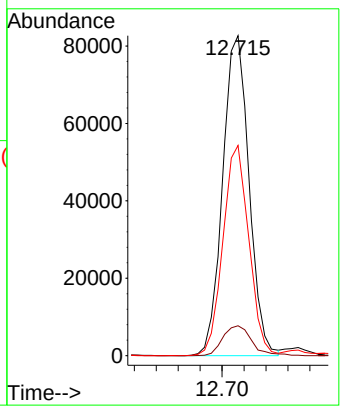




#75
1,1,2,2-Tetrachloroethane
Concen: 52.705 ug/l
RT: 12.715 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 83 Resp: 13821

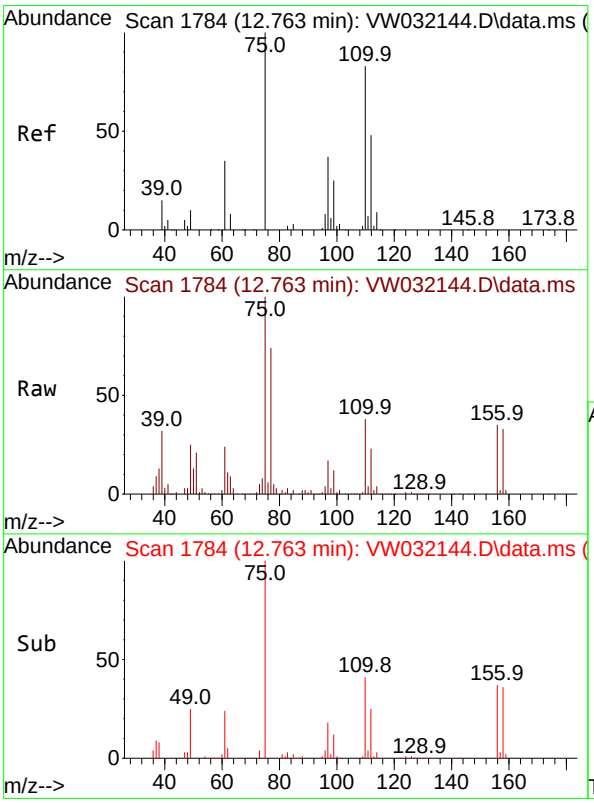
Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.4	32.2	96.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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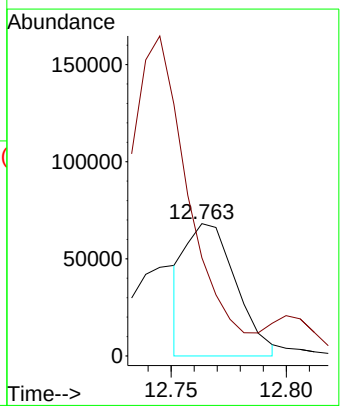
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

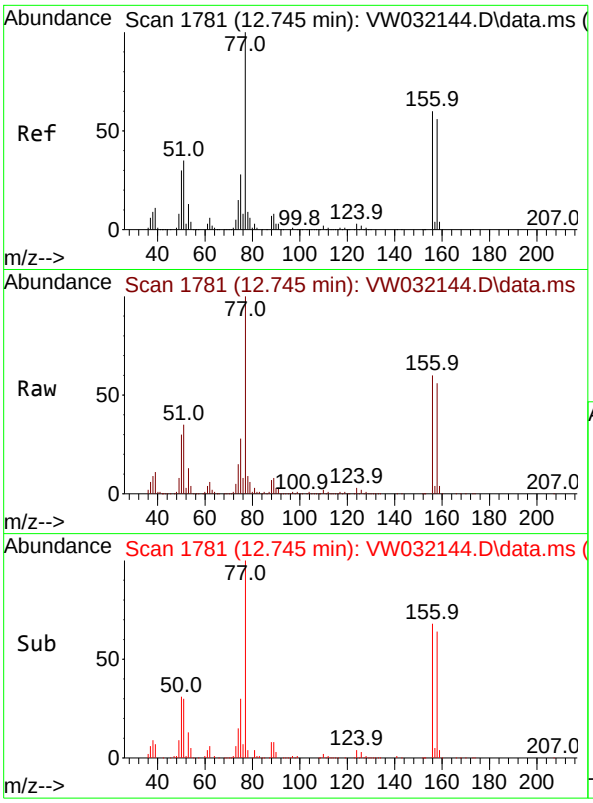


#76
1,2,3-Trichloropropane
Concen: 49.196 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 75 Resp: 103468

Ion	Ratio	Lower	Upper
75	100		
77	292.9	141.7	425.1

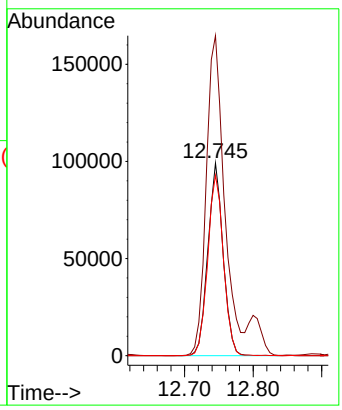




#77
Bromobenzene
Concen: 54.634 ug/l
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:156 Resp: 15374

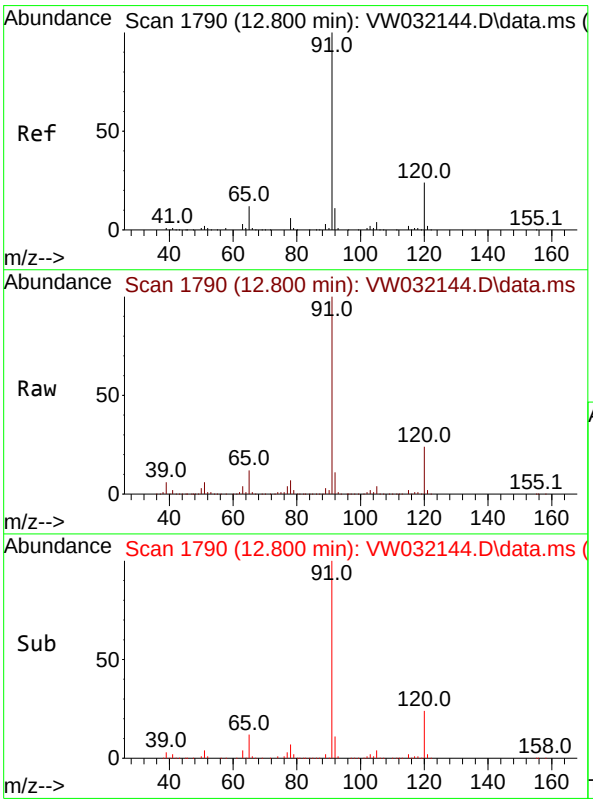
Ion	Ratio	Lower	Upper
156	100		
77	197.1	98.6	295.7
158	96.7	48.4	145.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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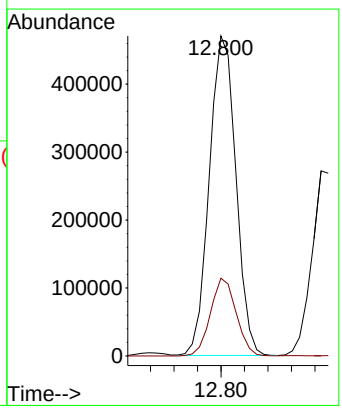
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

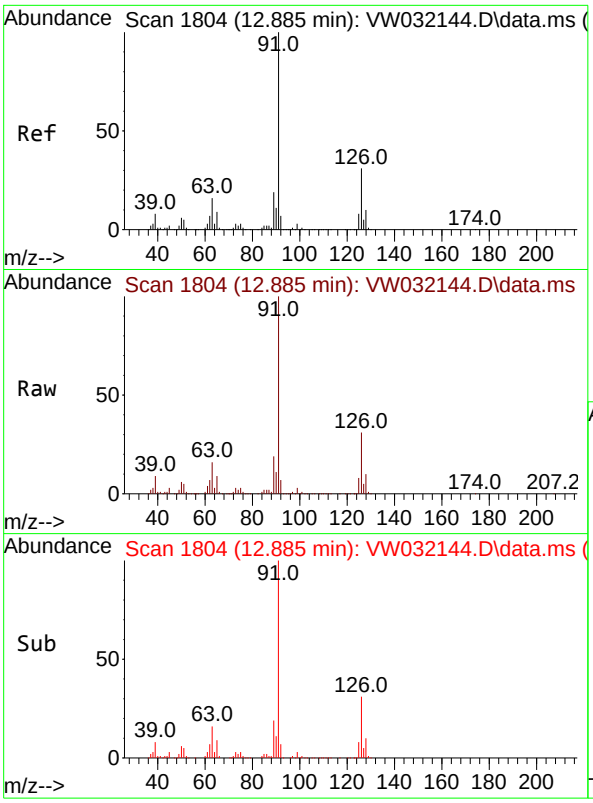


#78
n-propylbenzene
Concen: 55.144 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 91 Resp: 738788

Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.8	35.4





#79
2-Chlorotoluene
Concen: 54.672 ug/l
RT: 12.885 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

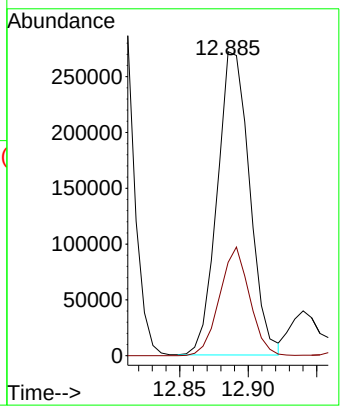
Tgt Ion: 91 Resp: 44791

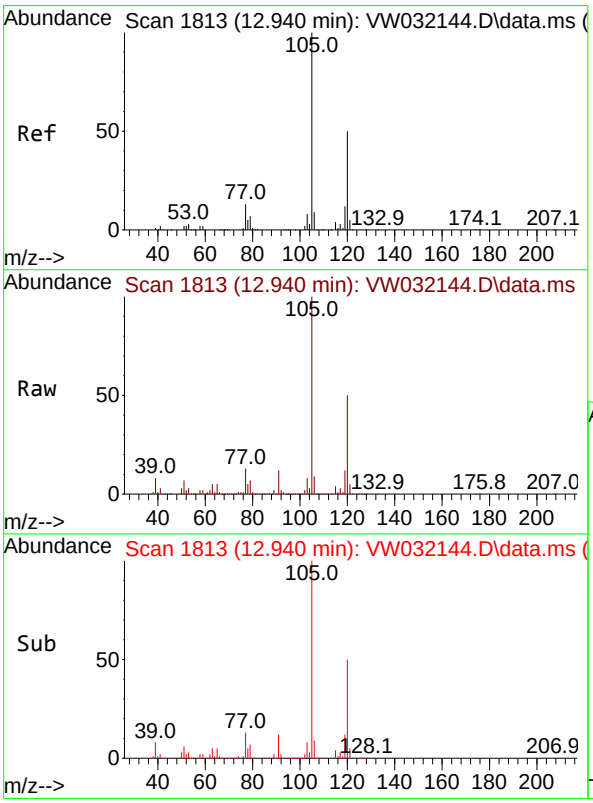
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

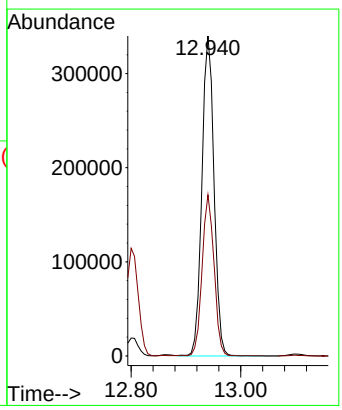


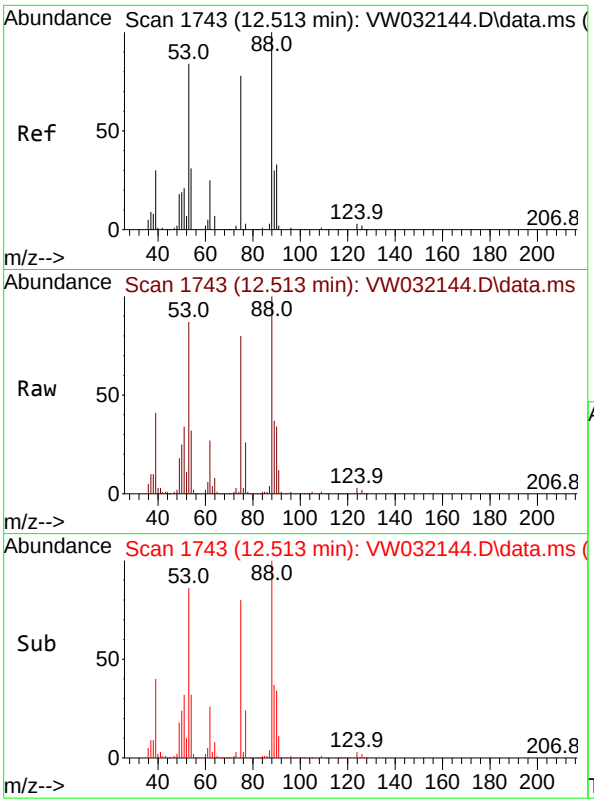


#80
1,3,5-Trimethylbenzene
Concen: 55.807 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:105 Resp: 521409

Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.8	74.4

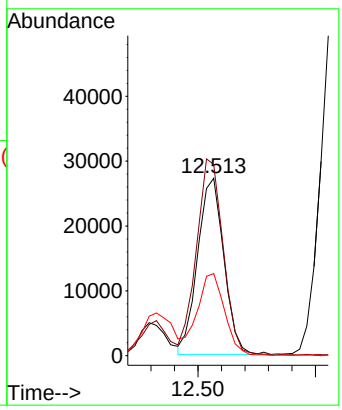




#81
trans-1,4-Dichloro-2-butene
Concen: 55.859 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 75 Resp: 4221

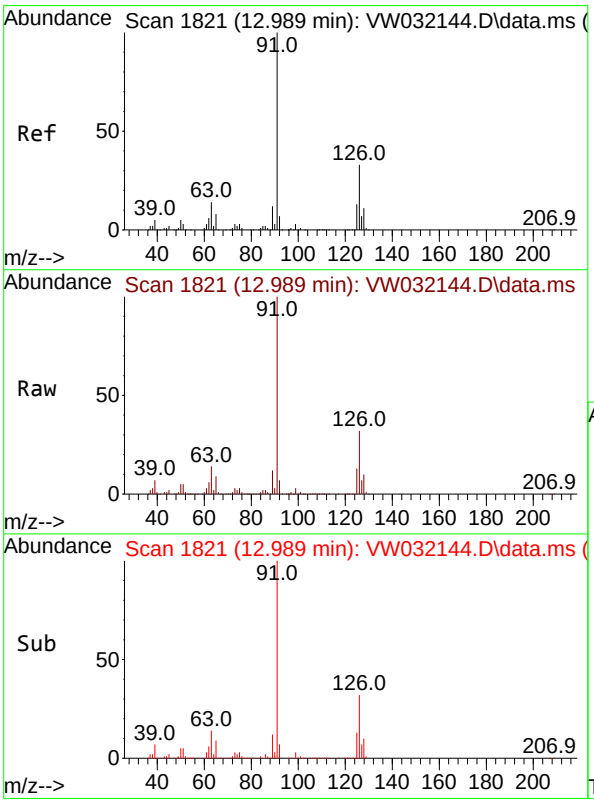
Ion	Ratio	Lower	Upper
75	100		
53	113.8	91.0	136.6
89	49.3	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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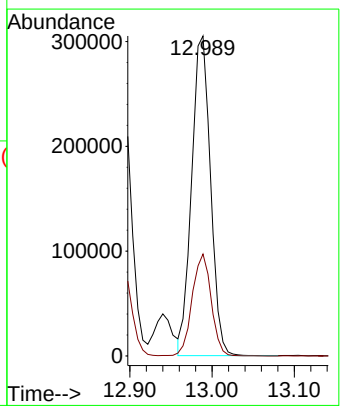
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

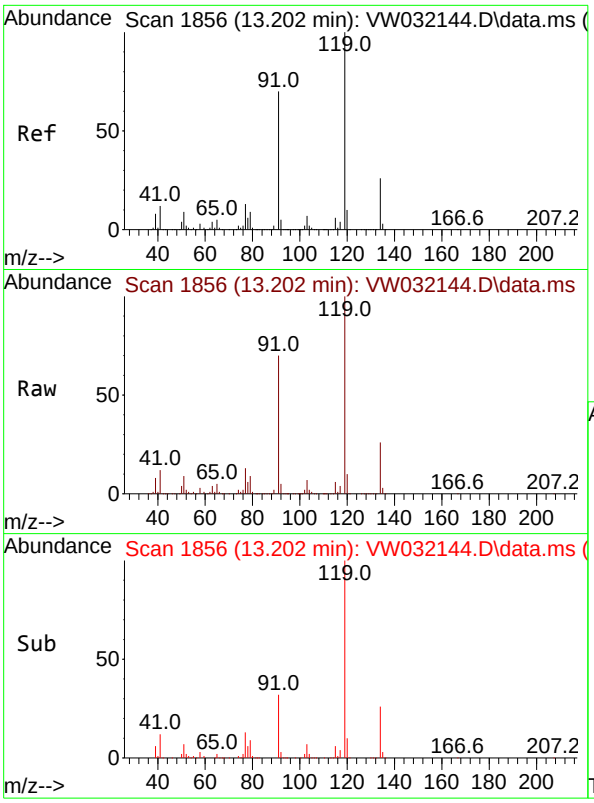


#82
4-Chlorotoluene
Concen: 55.480 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 91 Resp: 486529

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.1	48.2

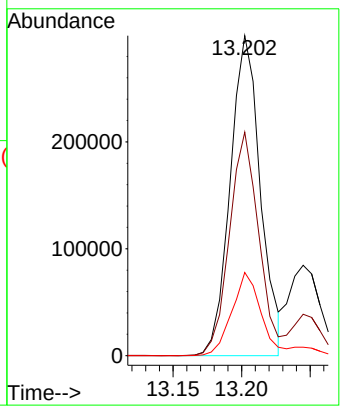




#83
tert-Butylbenzene
Concen: 57.970 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:119 Resp: 45923

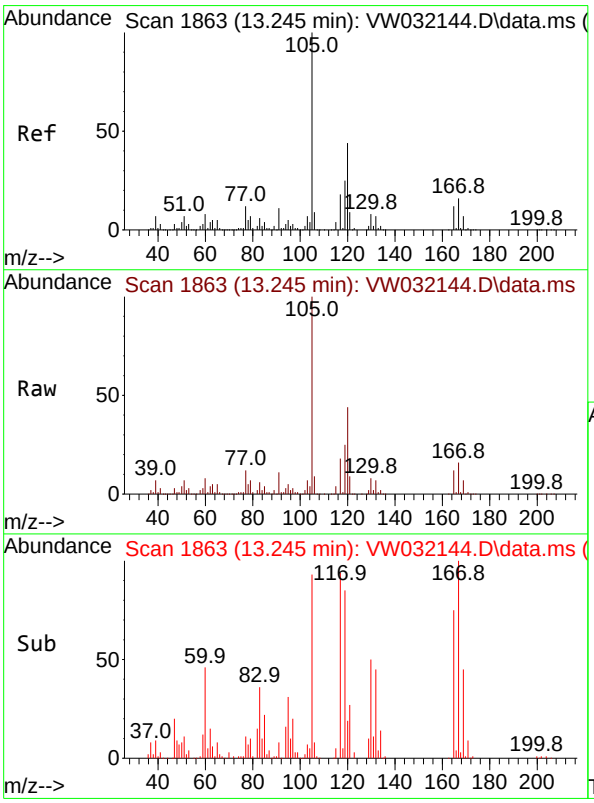
Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.8	101.3
134	25.0	12.5	37.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

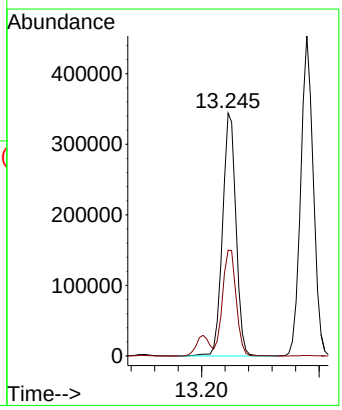
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

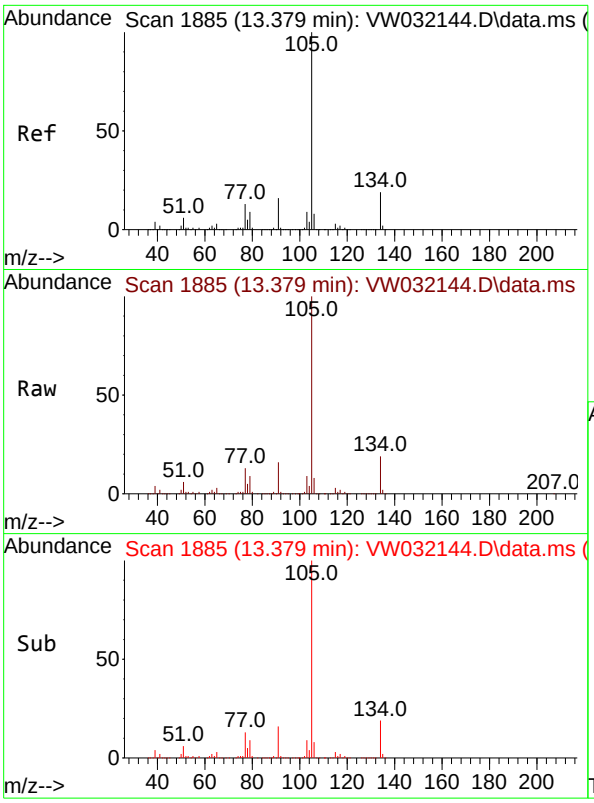


#84
1,2,4-Trimethylbenzene
Concen: 56.352 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:105 Resp: 544709

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.1	66.3





#85
sec-Butylbenzene
Concen: 56.681 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

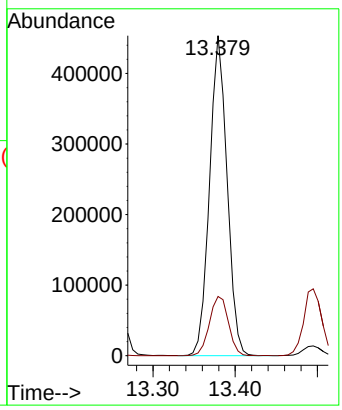
Tgt Ion:105 Resp: 67040

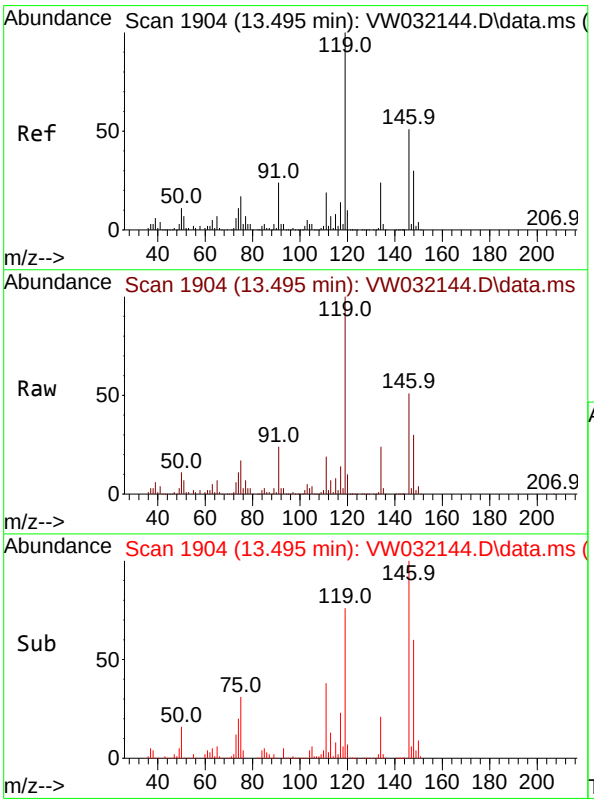
Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

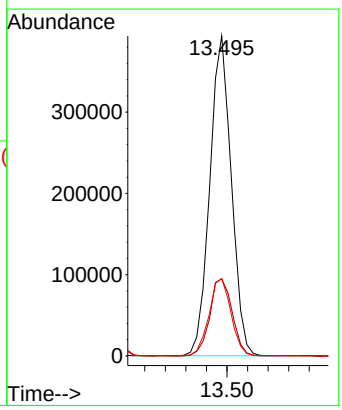


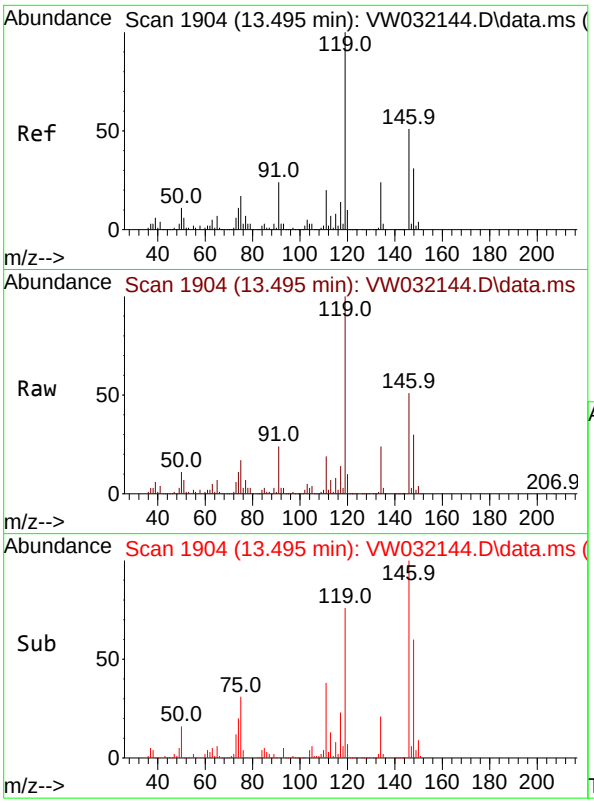


#86
p-Isopropyltoluene
Concen: 56.797 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:119 Resp: 571291

Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.6
91	24.7	12.4	37.0

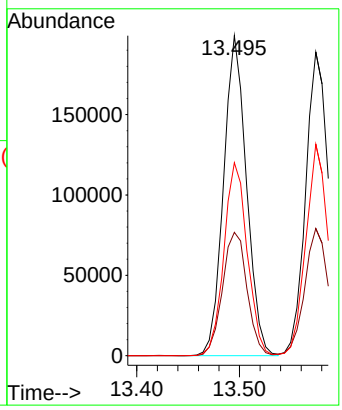




#87
1,3-Dichlorobenzene
Concen: 54.430 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:146 Resp: 30840

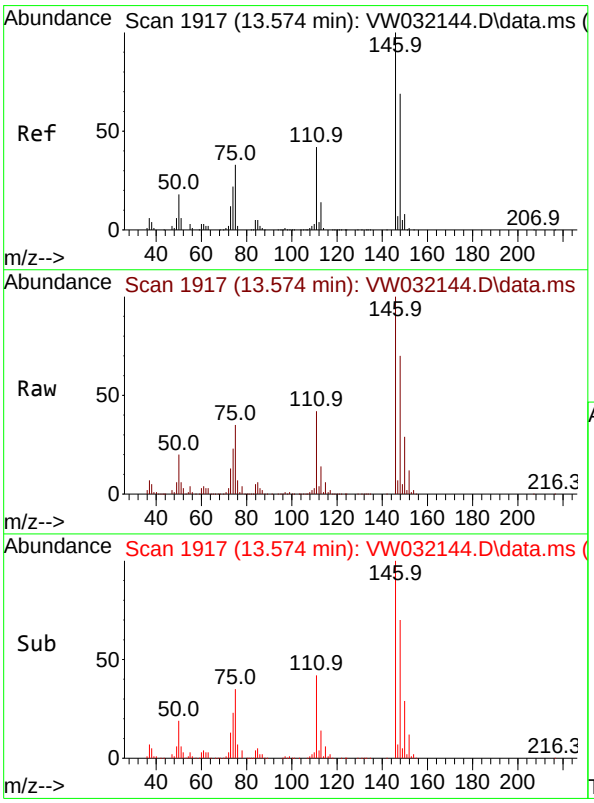
Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	61.3	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

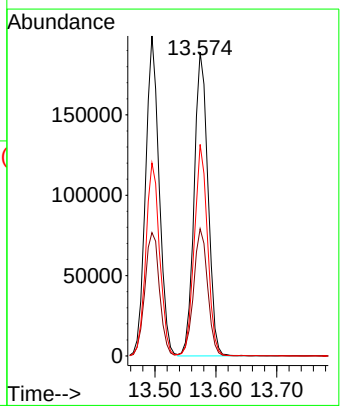
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

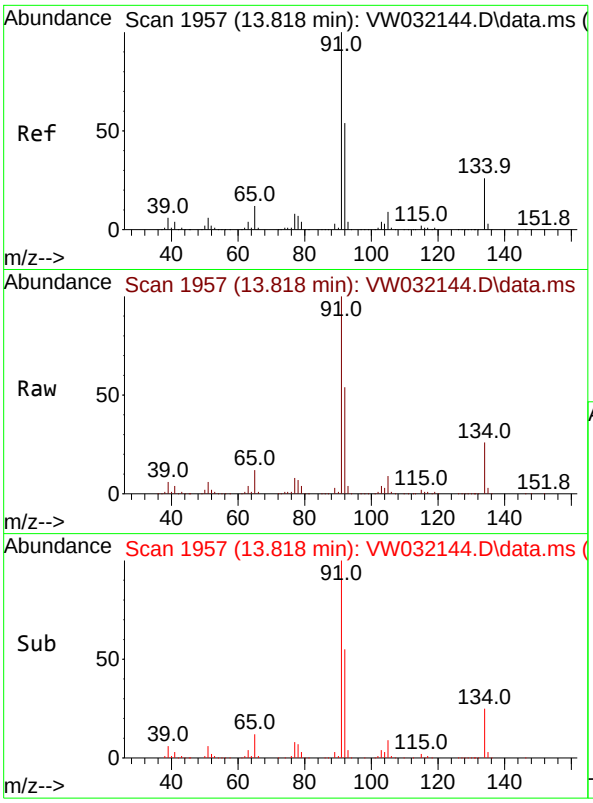


#88
1,4-Dichlorobenzene
Concen: 52.272 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:146 Resp: 296872

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.3	63.7
148	66.7	33.4	100.1

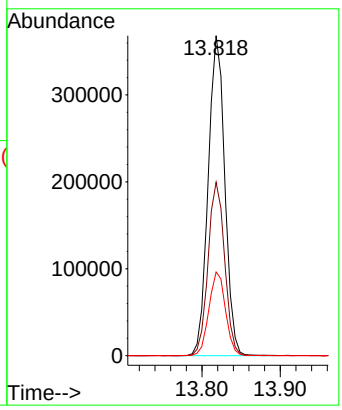




#89
n-Butylbenzene
Concen: 56.520 ug/l
RT: 13.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 91 Resp: 54199

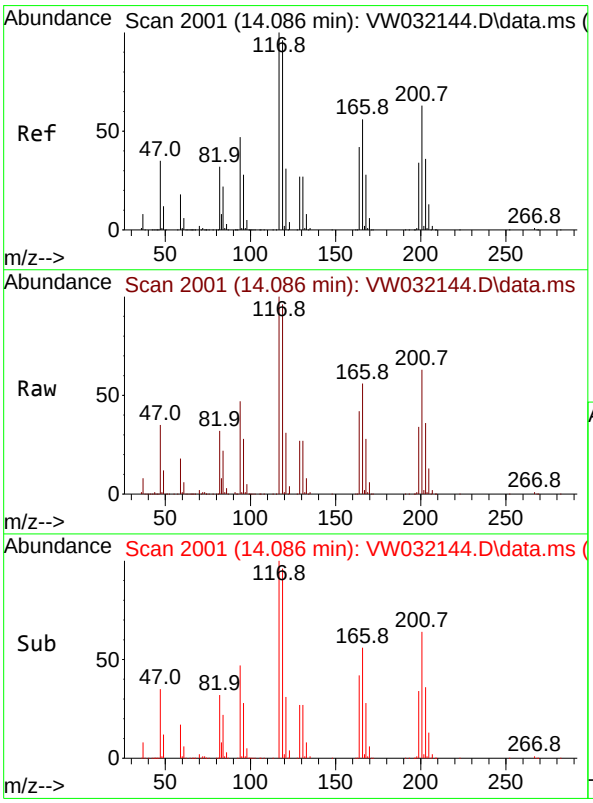
Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.0	81.0
134	26.2	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

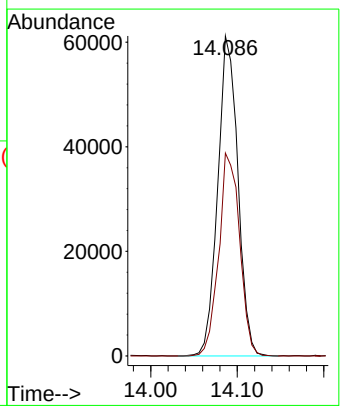
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

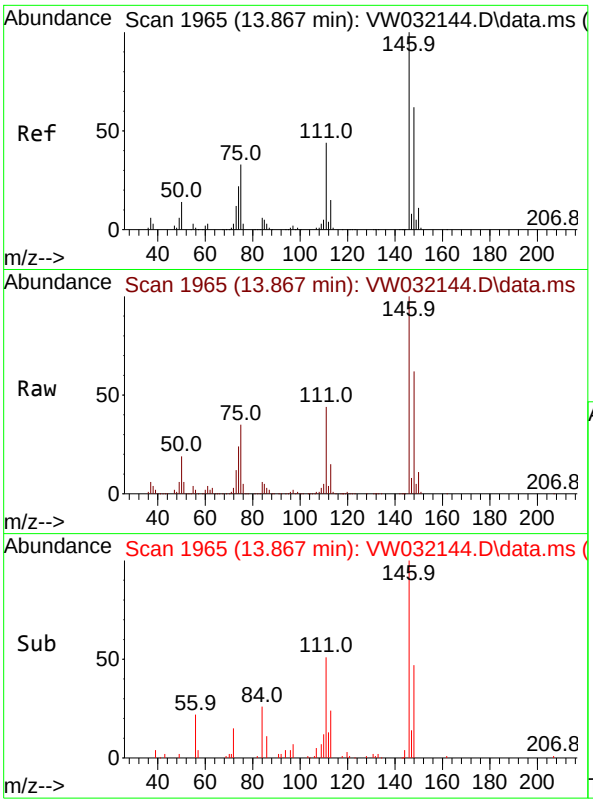


#90
Hexachloroethane
Concen: 53.776 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:117 Resp: 98938

Ion	Ratio	Lower	Upper
117	100		
201	65.6	32.8	98.4

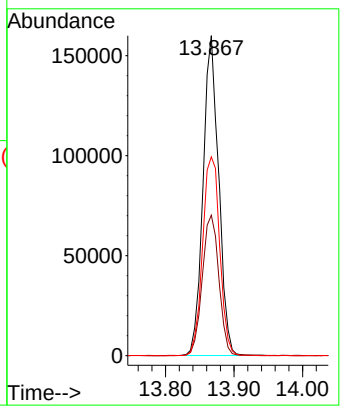




#91
1,2-Dichlorobenzene
Concen: 50.553 ug/l
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:146 Resp: 25360

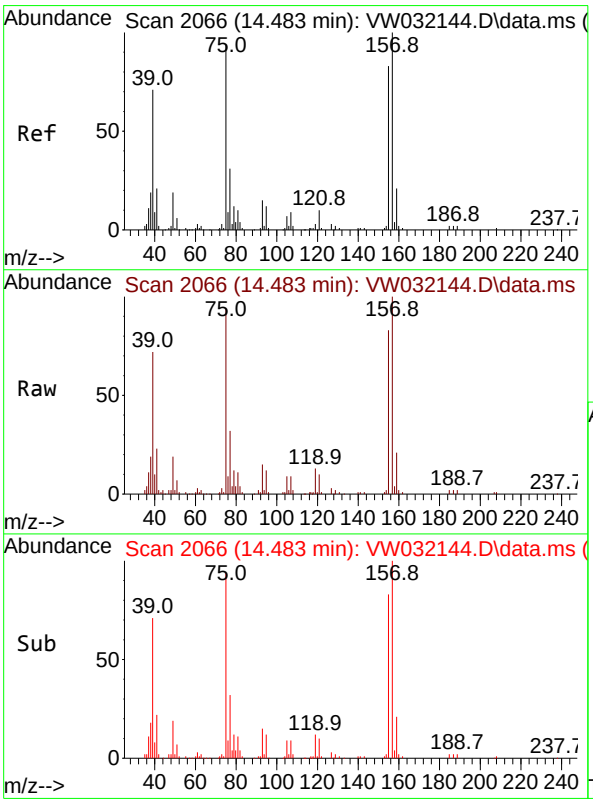
Ion	Ratio	Lower	Upper
146	100		
111	46.7	23.4	70.0
148	68.2	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

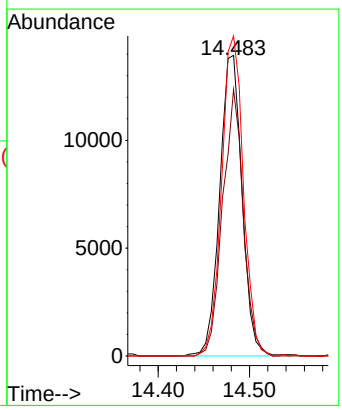
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

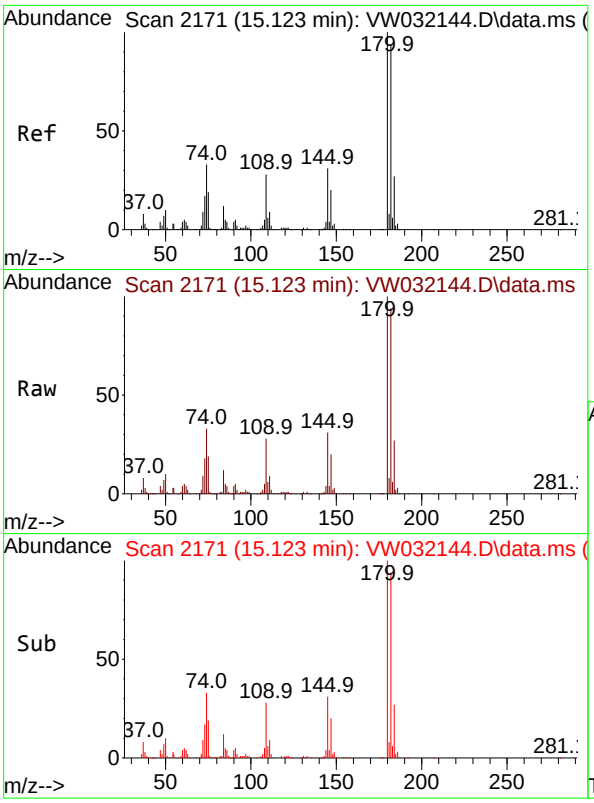


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.271 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion: 75 Resp: 23754

Ion	Ratio	Lower	Upper
75	100		
155	81.7	40.8	122.5
157	103.6	51.8	155.4

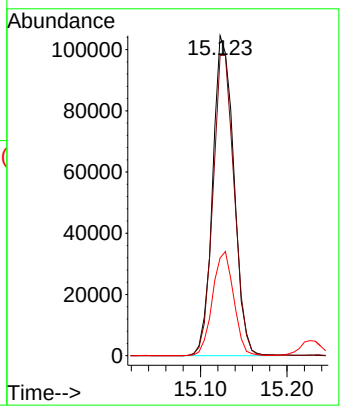




#93
1,2,4-Trichlorobenzene
Concen: 55.100 ug/l
RT: 15.123 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:180 Resp: 17660

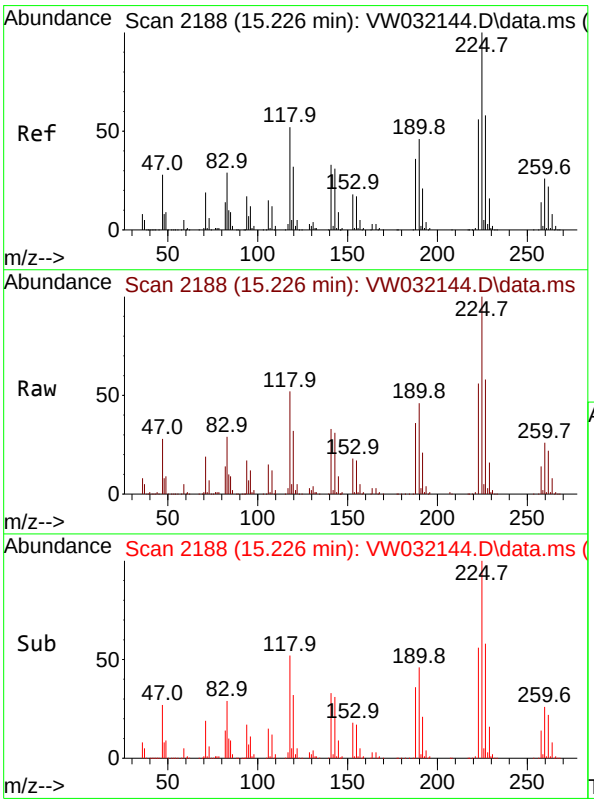
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.2
145	32.7	16.4	49.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

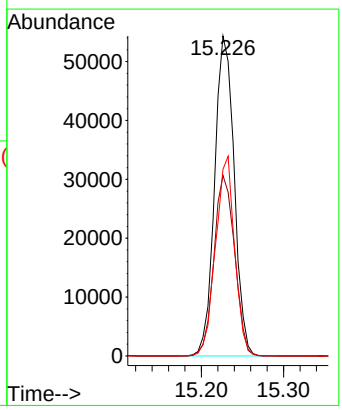
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

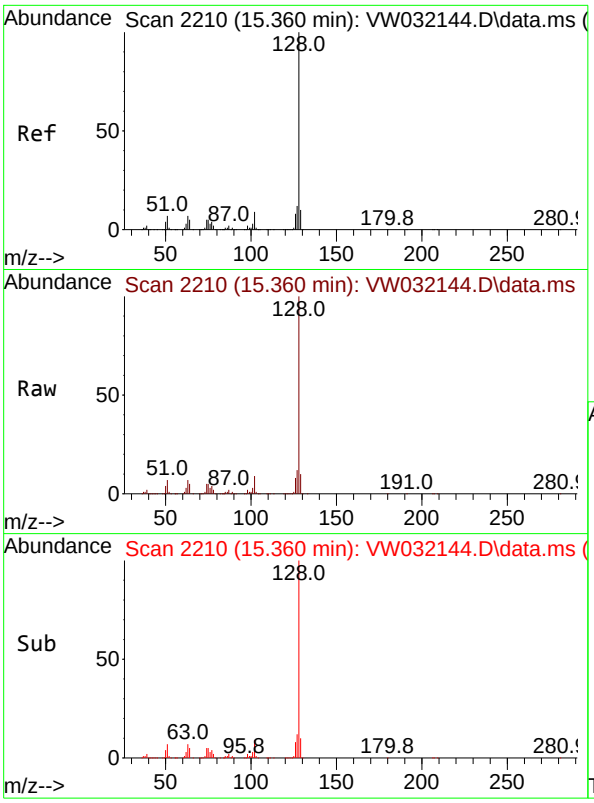


#94
Hexachlorobutadiene
Concen: 56.532 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:225 Resp: 89862

Ion	Ratio	Lower	Upper
225	100		
223	59.5	29.8	89.3
227	61.0	30.5	91.5

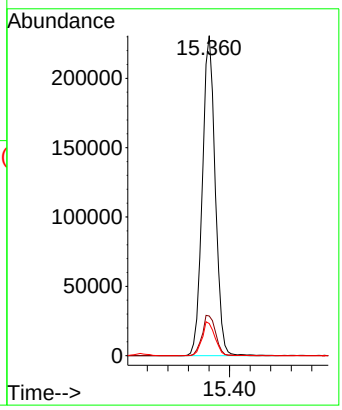




#95
Naphthalene
Concen: 55.245 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:128 Resp: 40072

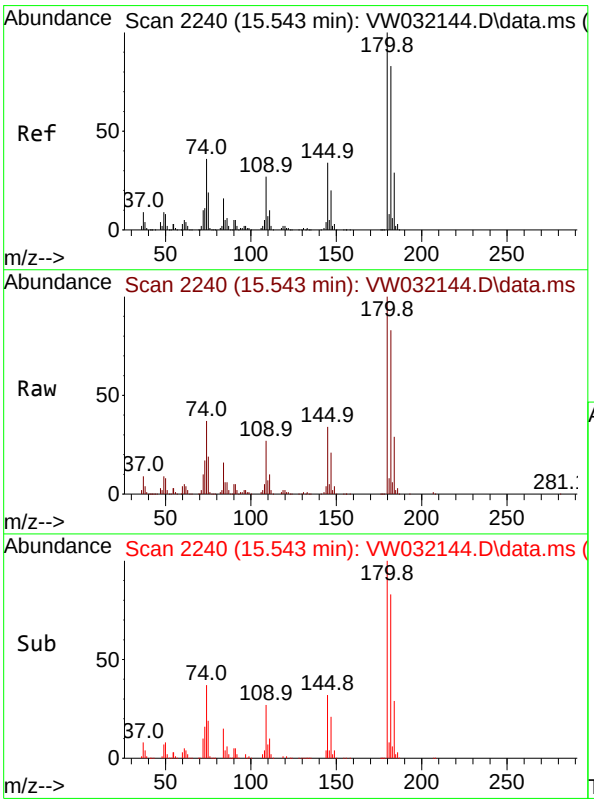
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.5	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

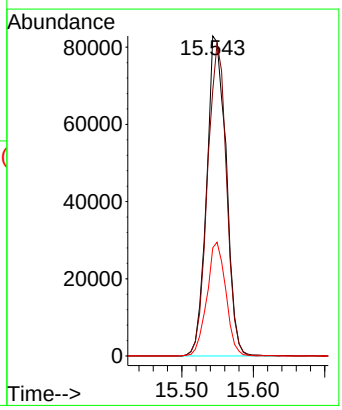
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.737 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW032144.D
Acq: 26 Aug 2025 12:34

Tgt Ion:180 Resp: 157194

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	34.4	17.2	51.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	236475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	392388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	355176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	185134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	142013	41.992	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	83.980%		
35) Dibromofluoromethane	7.898	113	119103	43.264	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	86.520%		
50) Toluene-d8	10.325	98	439822	45.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	91.020%		
62) 4-Bromofluorobenzene	12.617	95	160725	44.975	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	89.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	71027	45.493	ug/l	94
3) Chloromethane	2.253	50	74645	45.600	ug/l	97
4) Vinyl Chloride	2.405	62	98427	46.293	ug/l	94
5) Bromomethane	2.820	94	83324	43.886	ug/l	98
6) Chloroethane	2.966	64	67597	45.145	ug/l	98
7) Trichlorofluoromethane	3.308	101	95752	45.452	ug/l	97
8) Diethyl Ether	3.716	74	69352	44.114	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	116342	49.024	ug/l	97
10) Methyl Iodide	4.313	142	167339	46.309	ug/l	100
11) Tert butyl alcohol	5.216	59	46191	223.294	ug/l	98
12) 1,1-Dichloroethene	4.076	96	121250	48.515	ug/l	93
13) Acrolein	3.929	56	64957	204.279	ug/l	98
14) Allyl chloride	4.704	41	174391	49.124	ug/l	99
15) Acrylonitrile	5.405	53	178789	233.915	ug/l	98
16) Acetone	4.161	43	191131	260.957	ug/l	100
17) Carbon Disulfide	4.423	76	304371	48.692	ug/l	100
18) Methyl Acetate	4.704	43	106336	45.567	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	228547	48.426	ug/l	99
20) Methylene Chloride	4.948	84	142919	47.403	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	133792	47.921	ug/l	90
22) Diisopropyl ether	6.344	45	378823	49.029	ug/l	96
23) Vinyl Acetate	6.283	43	1286517	244.903	ug/l	99
24) 1,1-Dichloroethane	6.240	63	233811	46.223	ug/l	99
25) 2-Butanone	7.191	43	258276	248.853	ug/l	97
26) 2,2-Dichloropropane	7.185	77	137122	51.190	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	160482	47.237	ug/l	99
28) Bromochloromethane	7.532	49	103711	44.789	ug/l	100
29) Tetrahydrofuran	7.551	42	152131	230.667	ug/l	100
30) Chloroform	7.691	83	272139	47.122	ug/l	99
31) Cyclohexane	7.965	56	193679	46.650	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	205549	48.756	ug/l	99
36) 1,1-Dichloropropene	8.093	75	179756	50.360	ug/l	98
37) Ethyl Acetate	7.270	43	103297	48.241	ug/l	98
38) Carbon Tetrachloride	8.081	117	195403	51.066	ug/l	99
39) Methylcyclohexane	9.343	83	230384	54.492	ug/l	99
40) Benzene	8.331	78	545356	49.427	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	59390	49.922	ug/l		93
42) 1,2-Dichloroethane	8.410	62	185296	48.444	ug/l		100
43) Isopropyl Acetate	8.435	43	195050	48.555	ug/l		99
44) Trichloroethene	9.099	130	139951	50.438	ug/l		95
45) 1,2-Dichloropropane	9.374	63	127962	48.110	ug/l		99
46) Dibromomethane	9.465	93	88183	47.269	ug/l		97
47) Bromodichloromethane	9.648	83	205595	48.496	ug/l		96
48) Methyl methacrylate	9.441	41	91140	49.232	ug/l		96
49) 1,4-Dioxane	9.465	88	23894	1060.060	ug/l		98
51) 4-Methyl-2-Pentanone	10.209	43	558035	246.021	ug/l		99
52) Toluene	10.392	92	351771	48.788	ug/l		97
53) t-1,3-Dichloropropene	10.605	75	192451	51.459	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	213648	50.066	ug/l		100
55) 1,1,2-Trichloroethane	10.788	97	111445	45.940	ug/l		95
56) Ethyl methacrylate	10.648	69	159388	51.392	ug/l		98
57) 1,3-Dichloropropane	10.934	76	197423	48.602	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	385600	232.934	ug/l		98
59) 2-Hexanone	10.965	43	408079	258.687	ug/l		99
60) Dibromochloromethane	11.129	129	144311	49.161	ug/l		98
61) 1,2-Dibromoethane	11.233	107	115042	48.223	ug/l		100
64) Tetrachloroethene	10.861	164	122798	52.531	ug/l		93
65) Chlorobenzene	11.660	112	392099	48.501	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	134657	50.593	ug/l		100
67) Ethyl Benzene	11.727	91	705560	53.267	ug/l		99
68) m/p-Xylenes	11.837	106	534982	104.945	ug/l		99
69) o-Xylene	12.166	106	257061	53.311	ug/l		95
70) Styrene	12.178	104	445155	52.371	ug/l		98
71) Bromoform	12.349	173	79989	50.601	ug/l	#	97
73) Isopropylbenzene	12.464	105	650395	51.711	ug/l		98
74) N-amyl acetate	12.269	43	182802	50.061	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	140426	46.980	ug/l		98
76) 1,2,3-Trichloropropane	12.763	75	121030m	52.182	ug/l		
77) Bromobenzene	12.745	156	159112	49.609	ug/l		99
78) n-propylbenzene	12.800	91	801192	52.469	ug/l		99
79) 2-Chlorotoluene	12.891	91	473888	50.751	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	565093	53.066	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	44983	52.219	ug/l		93
82) 4-Chlorotoluene	12.989	91	495627	49.587	ug/l		97
83) tert-Butylbenzene	13.202	119	483165	53.512	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	571607	51.884	ug/l		99
85) sec-Butylbenzene	13.379	105	715657	53.088	ug/l		99
86) p-Isopropyltoluene	13.495	119	604413	52.722	ug/l		100
87) 1,3-Dichlorobenzene	13.495	146	316514	49.012	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	309536	47.819	ug/l		95
89) n-Butylbenzene	13.818	91	583819	53.415	ug/l		100
90) Hexachloroethane	14.086	117	106416	50.748	ug/l		92
91) 1,2-Dichlorobenzene	13.867	146	273088	47.762	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	25127	47.585	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	178389	48.833	ug/l		98
94) Hexachlorobutadiene	15.226	225	84151	46.448	ug/l		90
95) Naphthalene	15.360	128	431564	52.201	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	171251	50.408	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

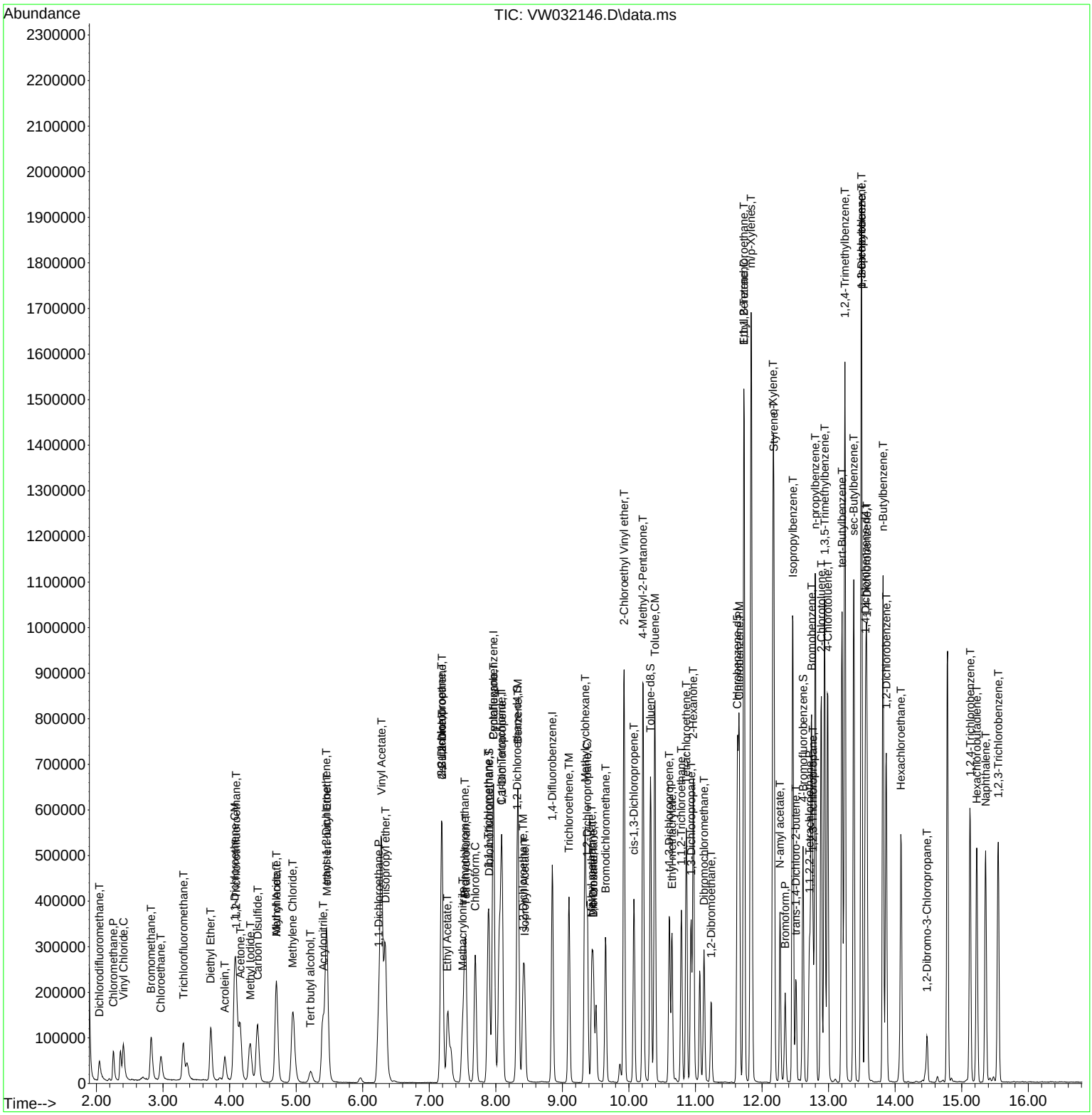
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

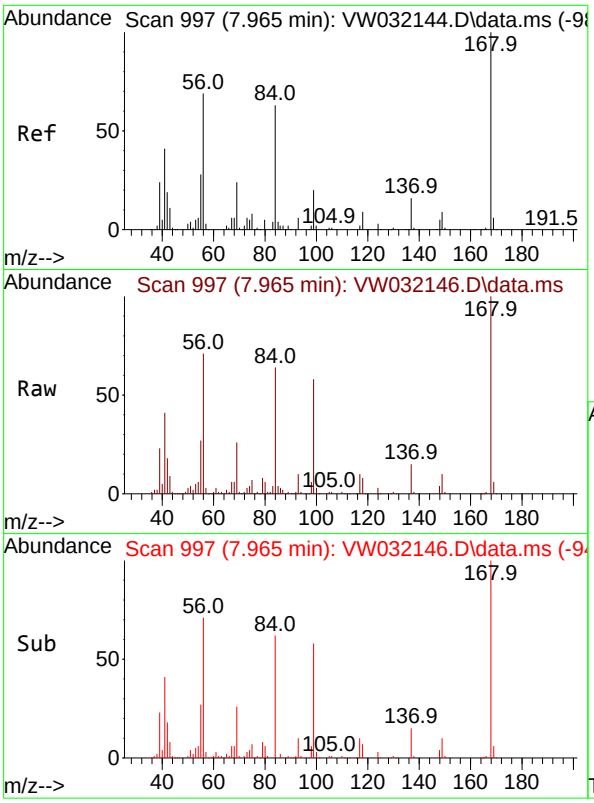
Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

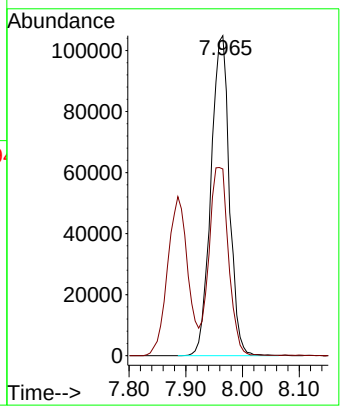




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:168 Resp: 23647

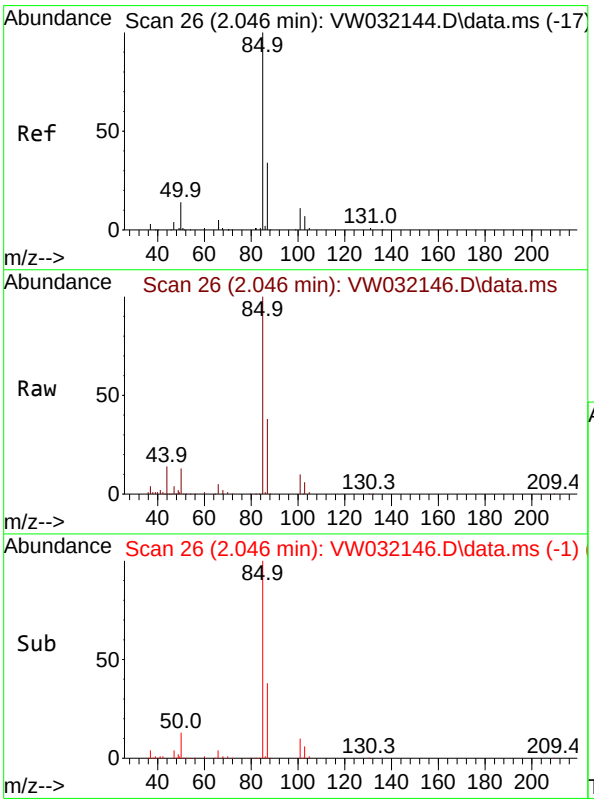
Ion	Ratio	Lower	Upper
168	100		
99	58.2	49.3	73.9



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

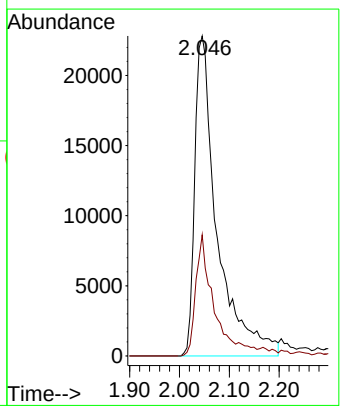
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

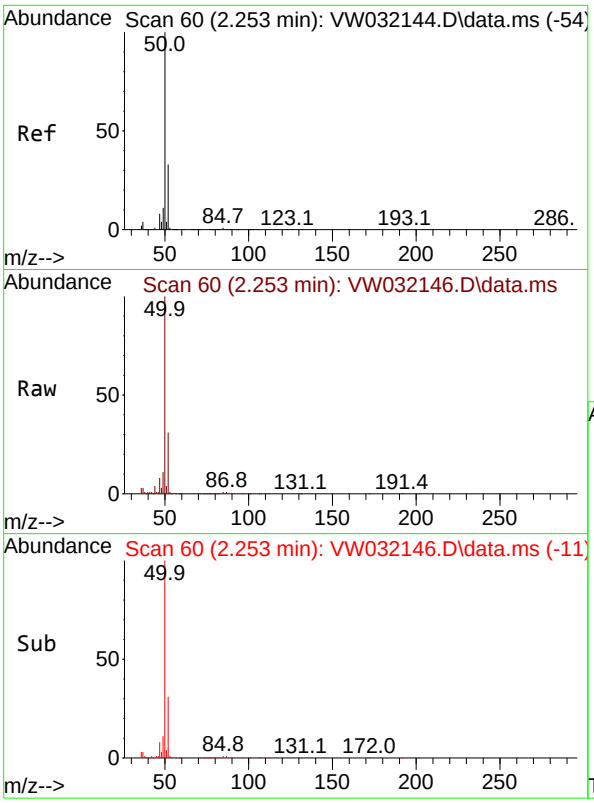


#2
Dichlorodifluoromethane
Concen: 45.493 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 85 Resp: 71027

Ion	Ratio	Lower	Upper
85	100		
87	37.8	17.2	51.6

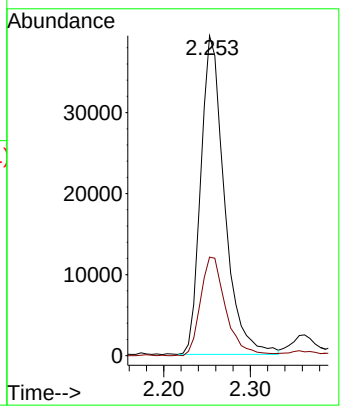




#3
Chloromethane
Concen: 45.600 ug/l
RT: 2.253 min Scan# 6
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 50 Resp: 7464

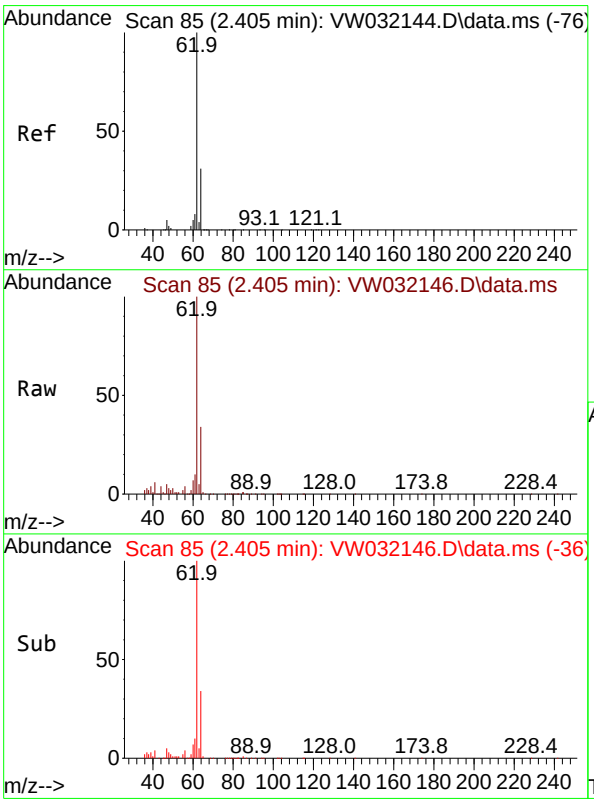
Ion	Ratio	Lower	Upper
50	100		
52	30.8	26.1	39.1



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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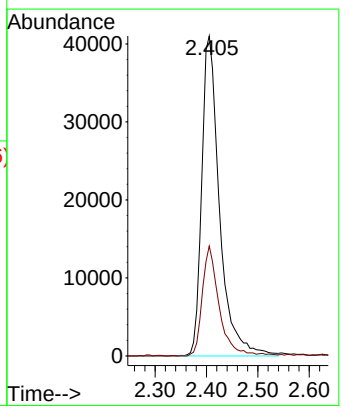
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

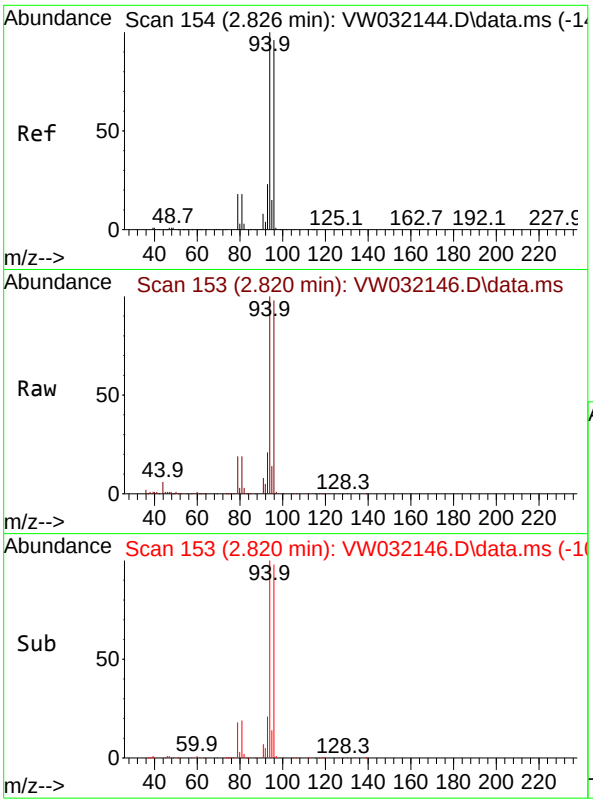


#4
Vinyl Chloride
Concen: 46.293 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 62 Resp: 98427

Ion	Ratio	Lower	Upper
62	100		
64	34.3	24.8	37.2

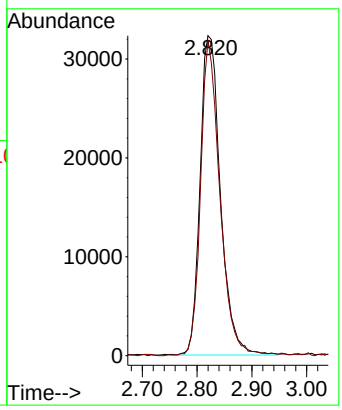




#5
Bromomethane
Concen: 43.886 ug/l
RT: 2.820 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 94 Resp: 8332

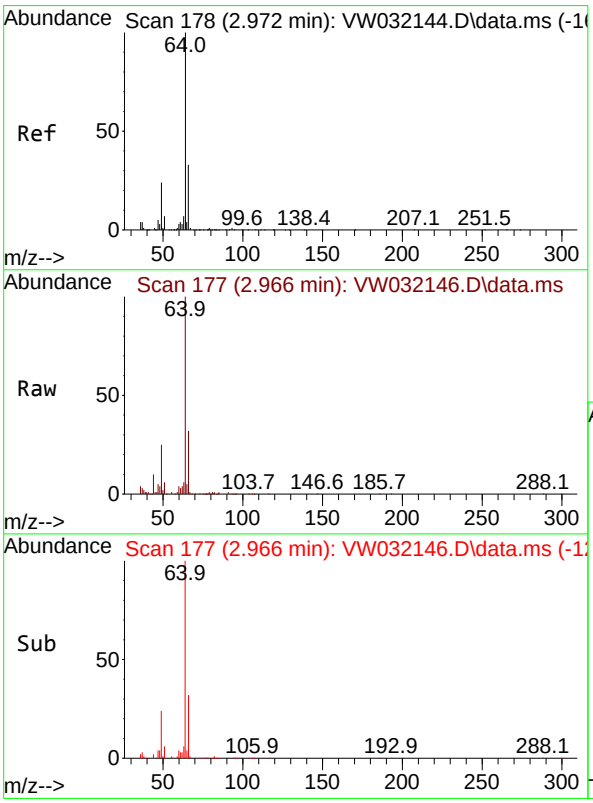
Ion	Ratio	Lower	Upper
94	100		
96	98.2	76.6	115.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

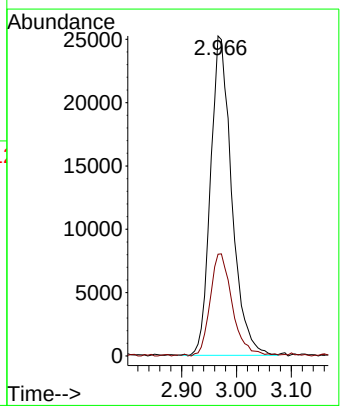
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

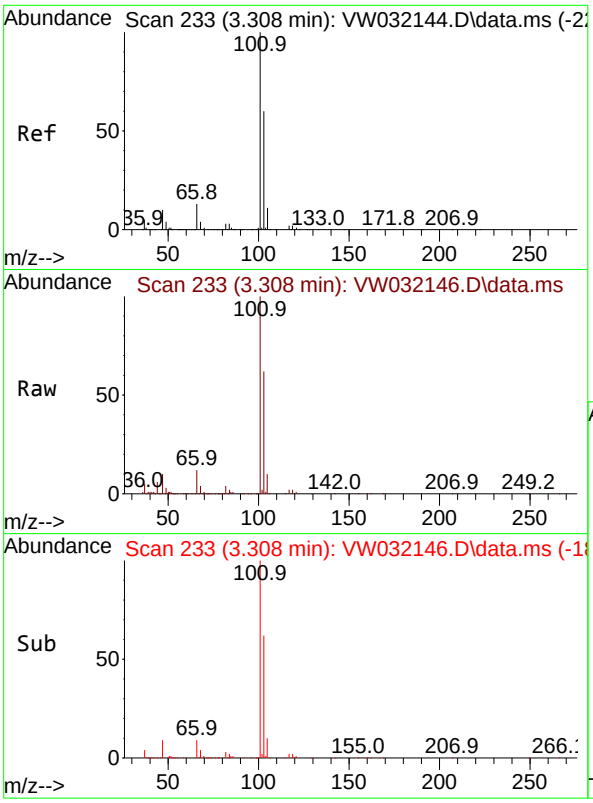


#6
Chloroethane
Concen: 45.145 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 64 Resp: 67597

Ion	Ratio	Lower	Upper
64	100		
66	31.6	26.2	39.4

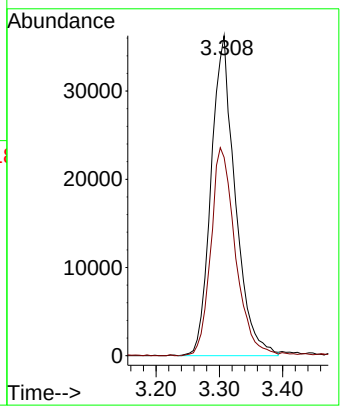




#7
Trichlorofluoromethane
Concen: 45.452 ug/l
RT: 3.308 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:101 Resp: 9575

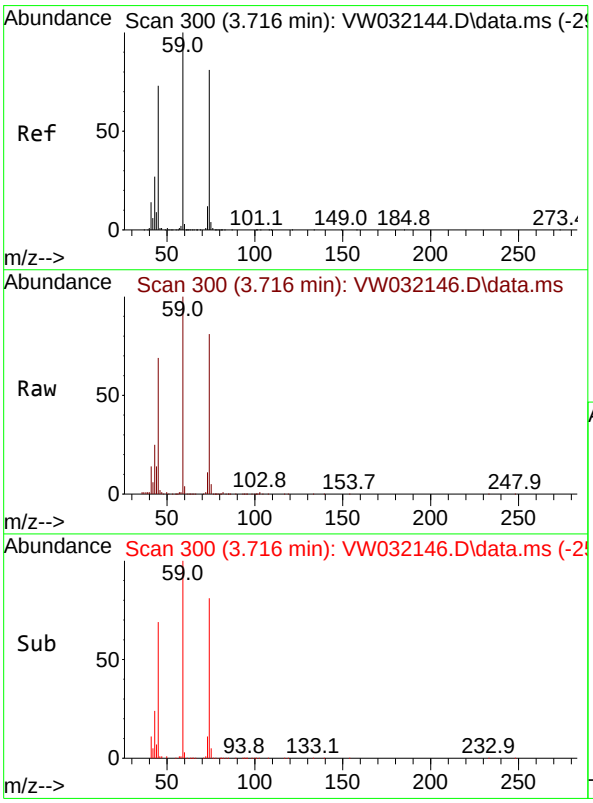
Ion	Ratio	Lower	Upper
101	100		
103	61.9	47.8	71.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

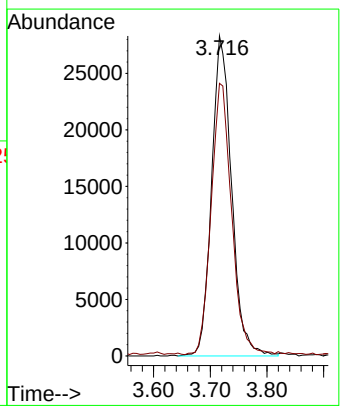
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

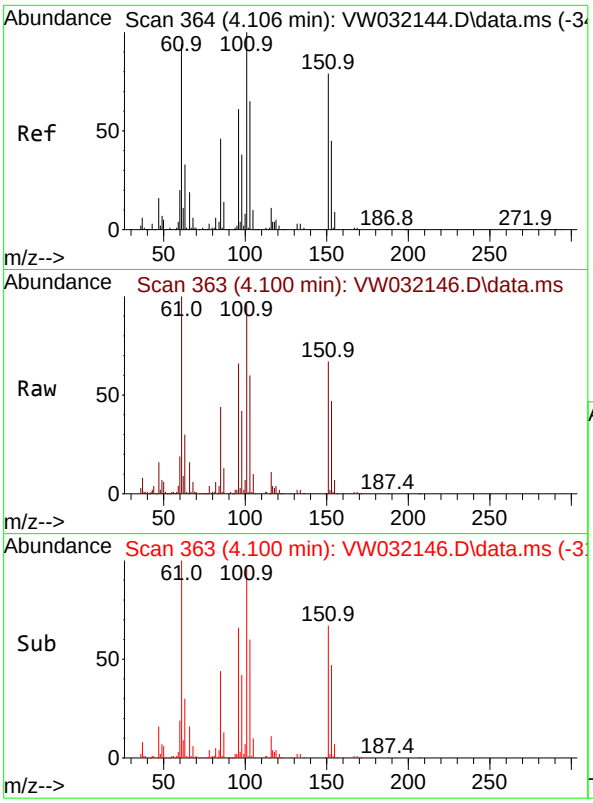


#8
Diethyl Ether
Concen: 44.114 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 74 Resp: 69352

Ion	Ratio	Lower	Upper
74	100		
45	86.9	43.1	129.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.024 ug/l
RT: 4.100 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

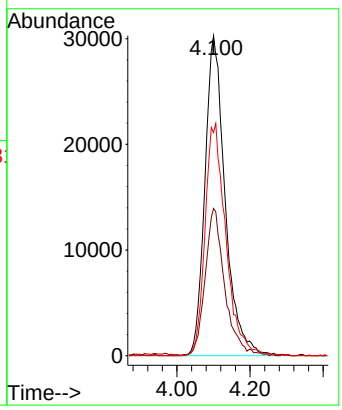
Tgt Ion:101 Resp: 11634

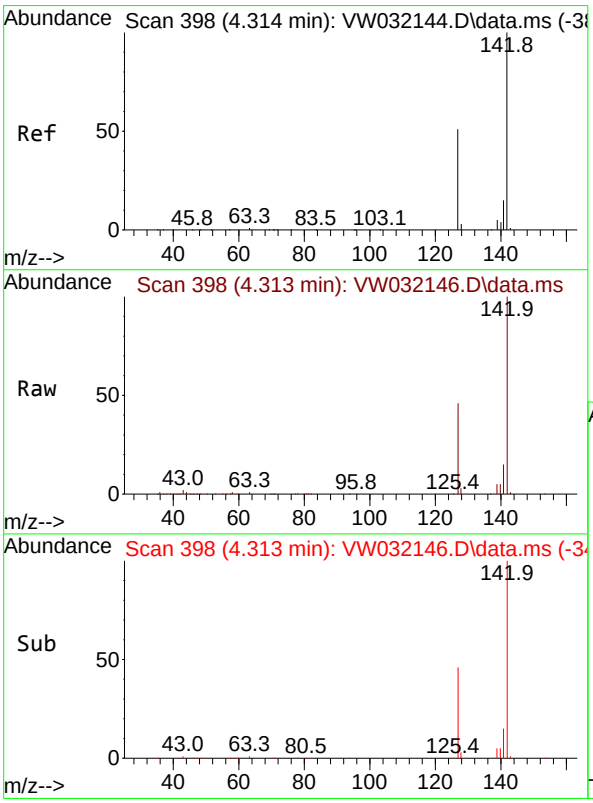
Ion	Ratio	Lower	Upper
101	100		
85	44.6	37.1	55.7
151	74.8	61.5	92.3

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

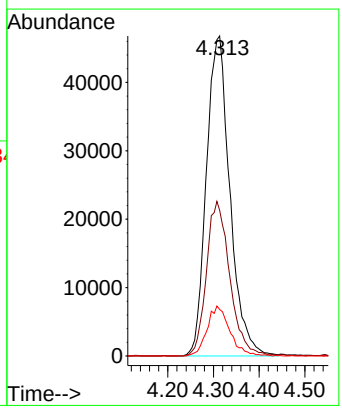


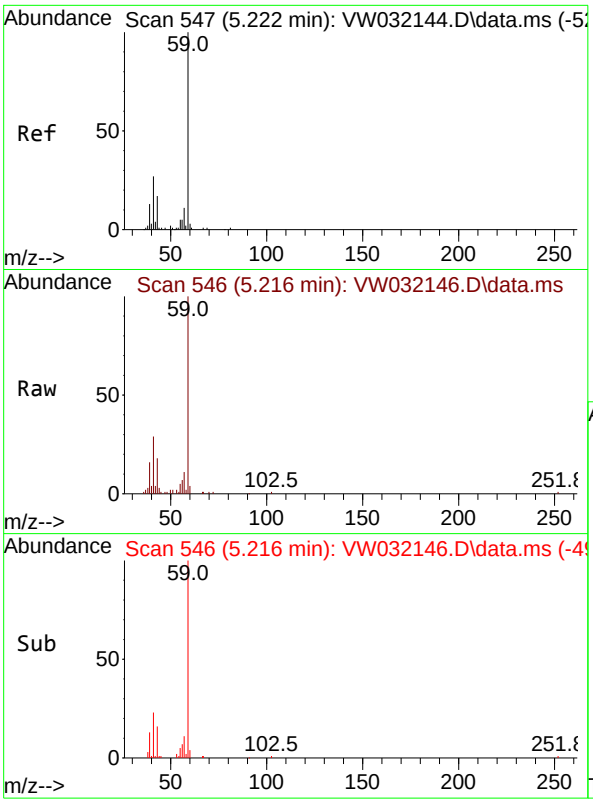


#10
Methyl Iodide
Concen: 46.309 ug/l
RT: 4.313 min Scan# 398
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:142 Resp: 167339

Ion	Ratio	Lower	Upper
142	100		
127	48.0	38.2	57.2
141	15.1	12.2	18.2

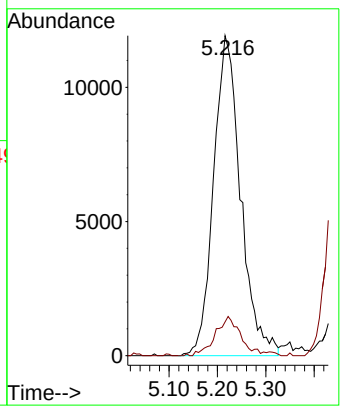




#11
Tert butyl alcohol
Concen: 223.294 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 59 Resp: 4619

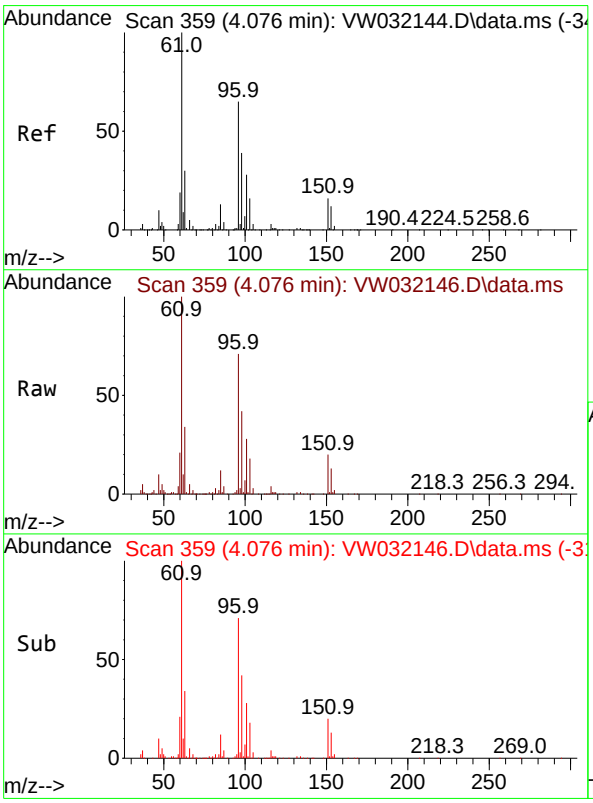
Ion	Ratio	Lower	Upper
59	100		
57	11.5	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

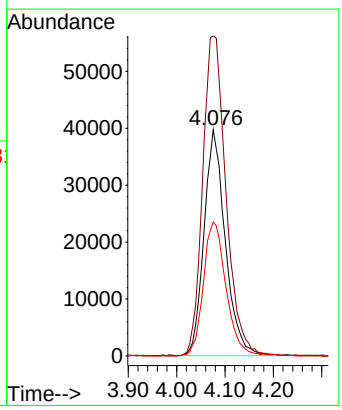
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

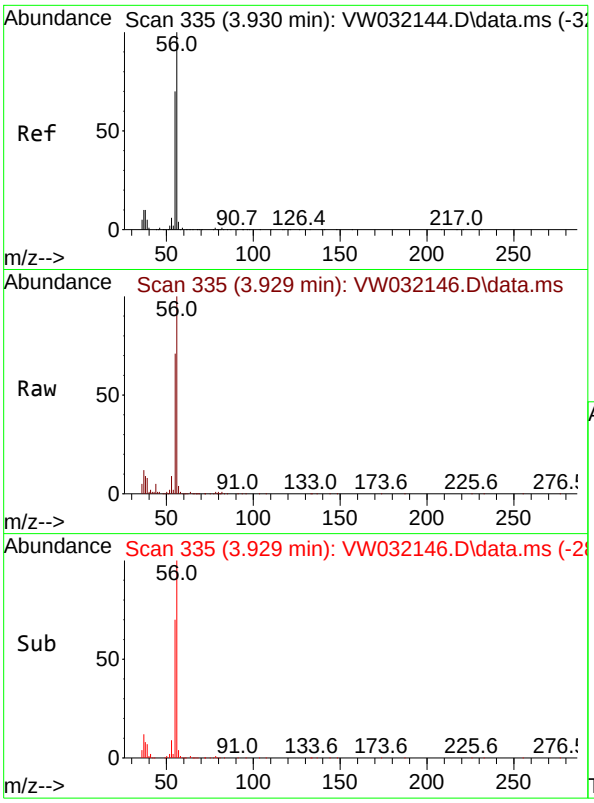


#12
1,1-Dichloroethene
Concen: 48.515 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 96 Resp: 121250

Ion	Ratio	Lower	Upper
96	100		
61	141.4	123.0	184.4
98	59.3	48.5	72.7

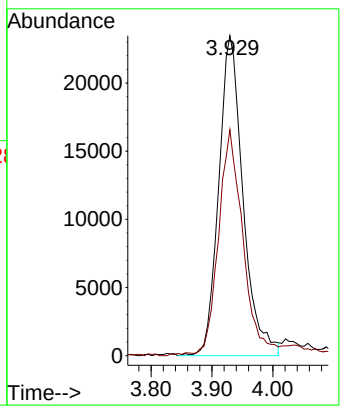




#13
Acrolein
Concen: 204.279 ug/l
RT: 3.929 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 56 Resp: 6495

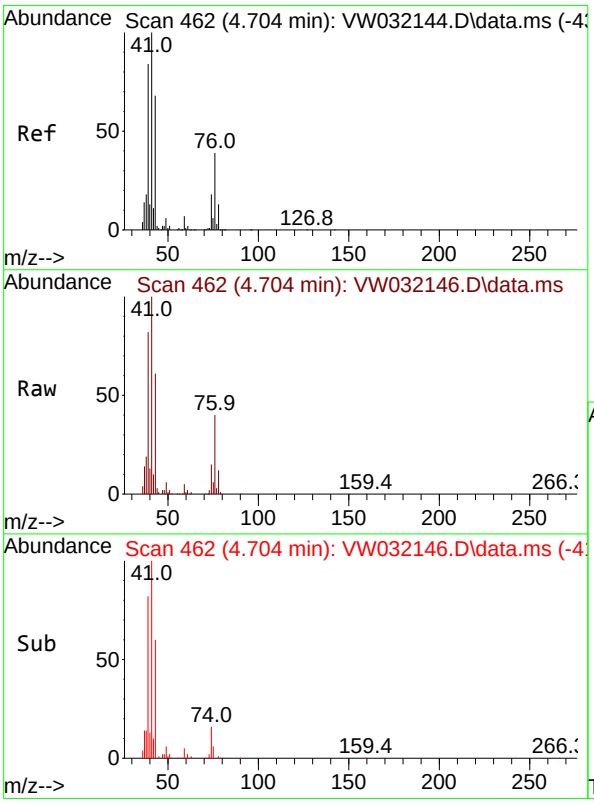
Ion	Ratio	Lower	Upper
56	100		
55	72.1	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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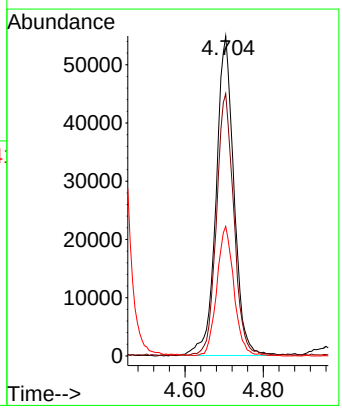
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

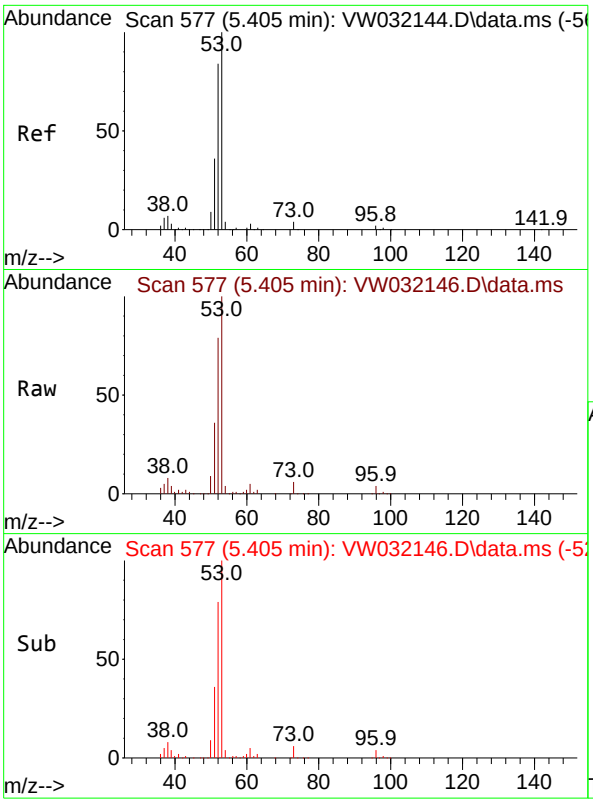


#14
Allyl chloride
Concen: 49.124 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 41 Resp: 174391

Ion	Ratio	Lower	Upper
41	100		
39	79.3	64.1	96.1
76	38.9	31.4	47.2

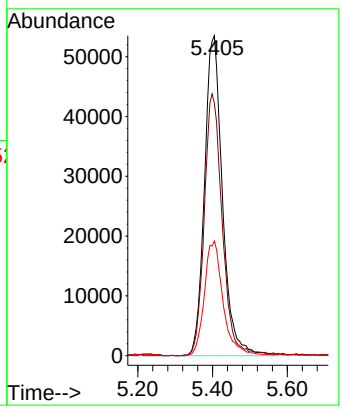




#15
Acrylonitrile
Concen: 233.915 ug/l
RT: 5.405 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 53 Resp: 17878

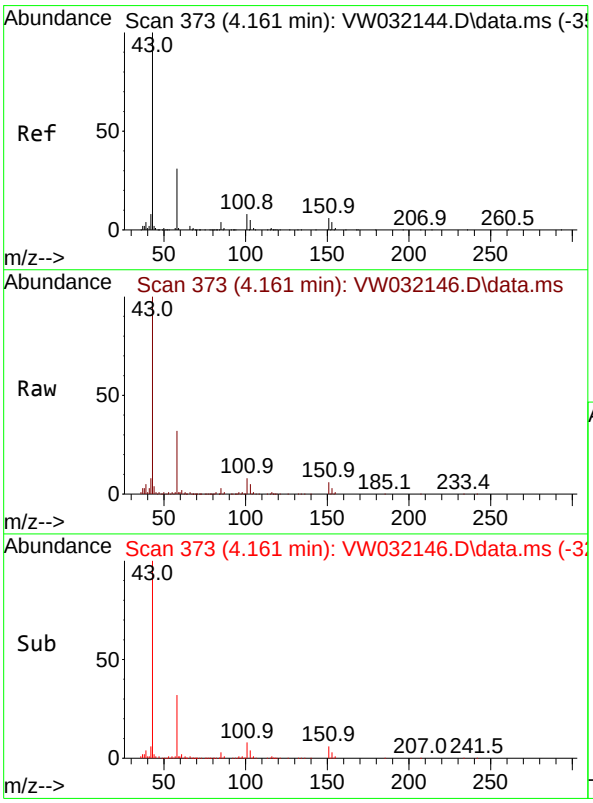
Ion	Ratio	Lower	Upper
53	100		
52	81.8	67.4	101.2
51	37.5	30.3	45.5



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

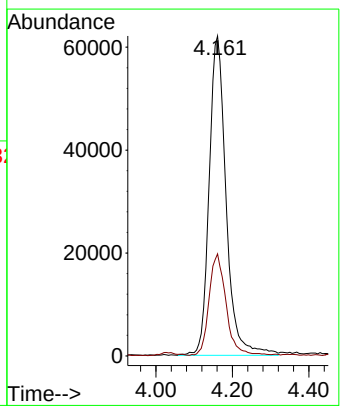
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

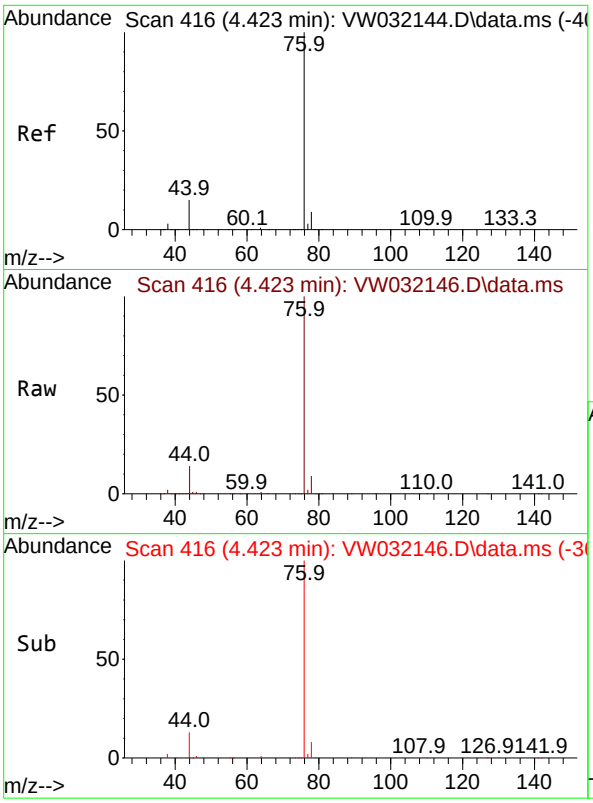


#16
Acetone
Concen: 260.957 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 191131

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.3	37.9

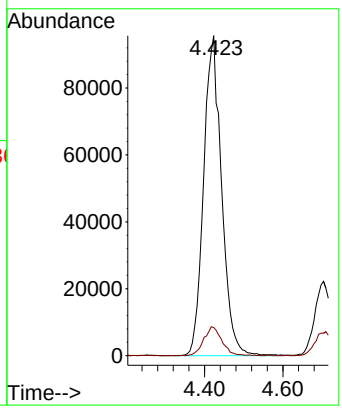




#17
Carbon Disulfide
Concen: 48.692 ug/l
RT: 4.423 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 76 Resp: 30437

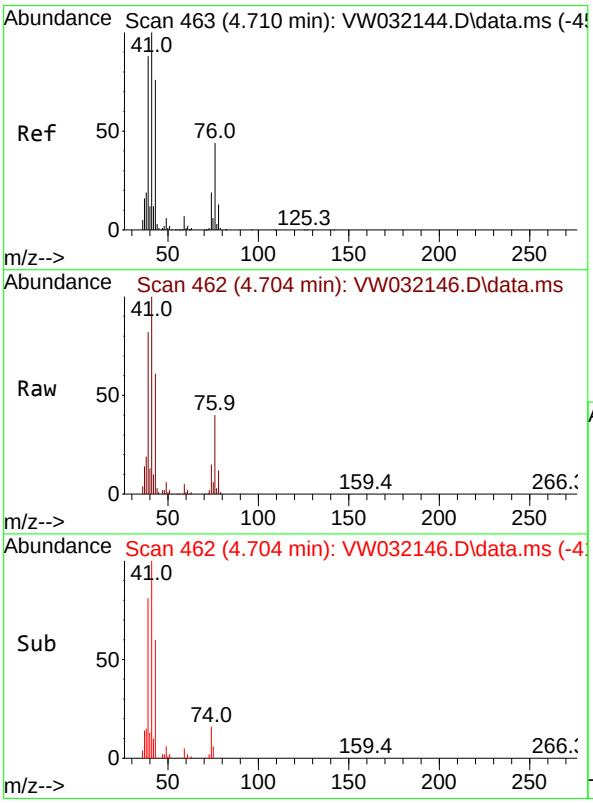
Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

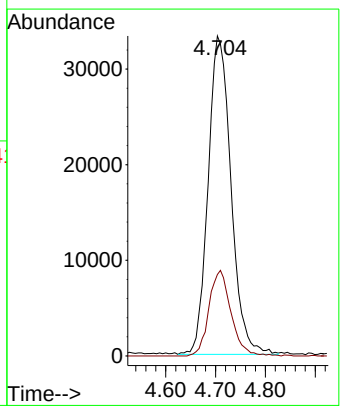
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

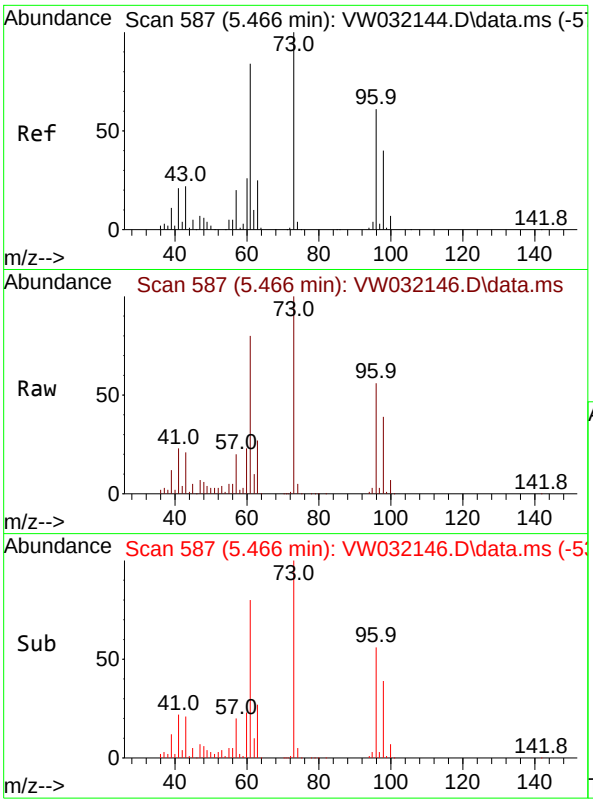


#18
Methyl Acetate
Concen: 45.567 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 106336

Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.2	30.4

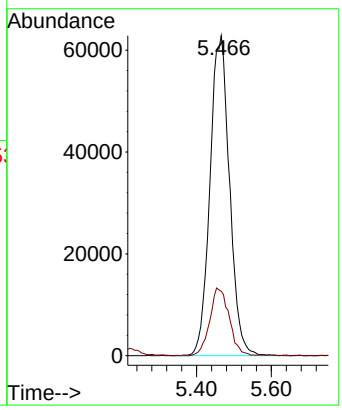




#19
Methyl tert-butyl Ether
Concen: 48.426 ug/l
RT: 5.466 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 73 Resp: 22854

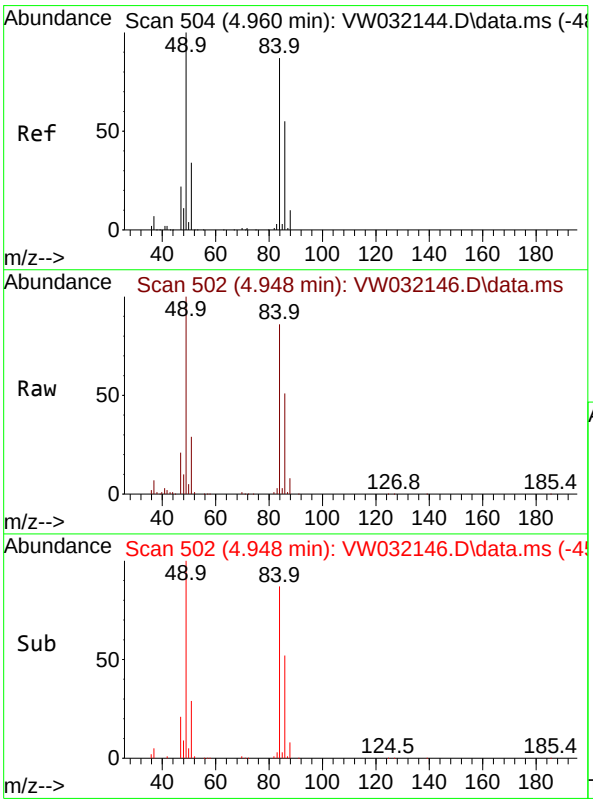
Ion	Ratio	Lower	Upper
73	100		
57	20.0	16.2	24.4



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

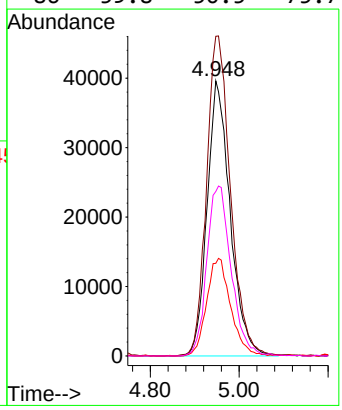
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

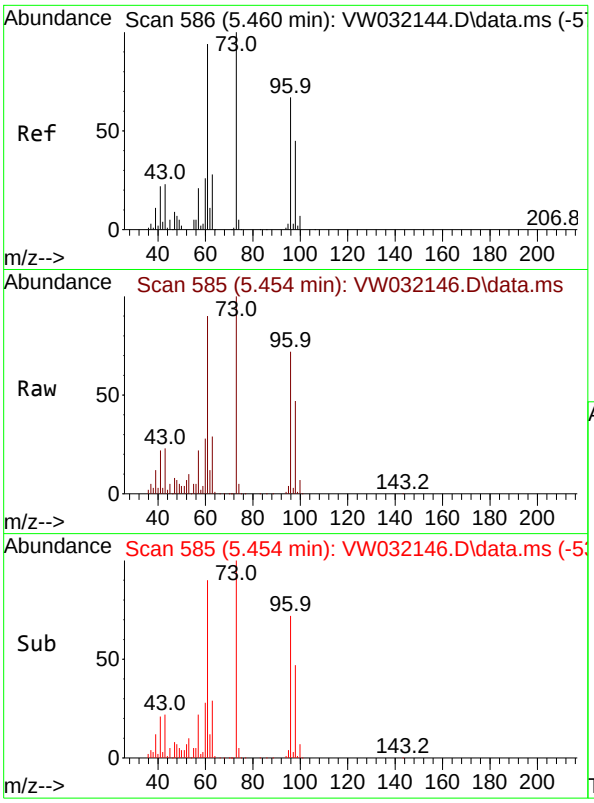


#20
Methylene Chloride
Concen: 47.403 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 84 Resp: 142919

Ion	Ratio	Lower	Upper
84	100		
49	116.0	92.2	138.4
51	33.7	31.0	46.6
86	59.8	50.5	75.7

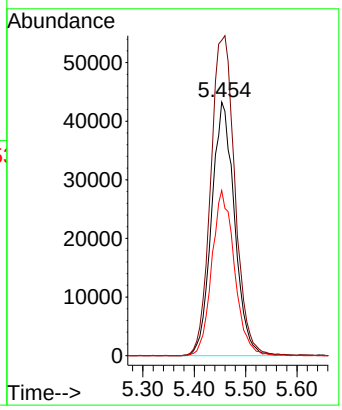




#21
trans-1,2-Dichloroethene
Concen: 47.921 ug/l
RT: 5.454 min Scan# 5
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 96 Resp: 13379

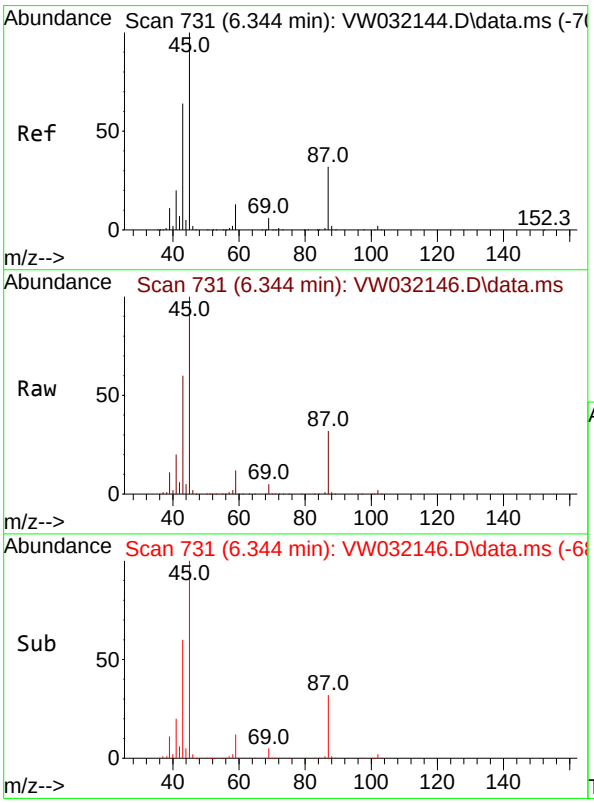
Ion	Ratio	Lower	Upper
96	100		
61	124.3	112.5	168.7
98	65.1	54.2	81.4



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

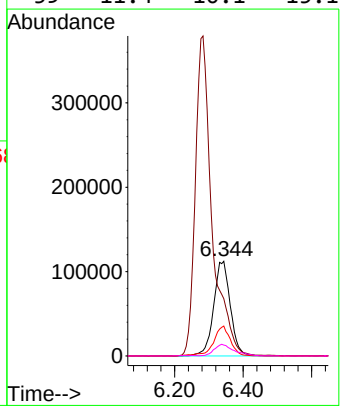
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

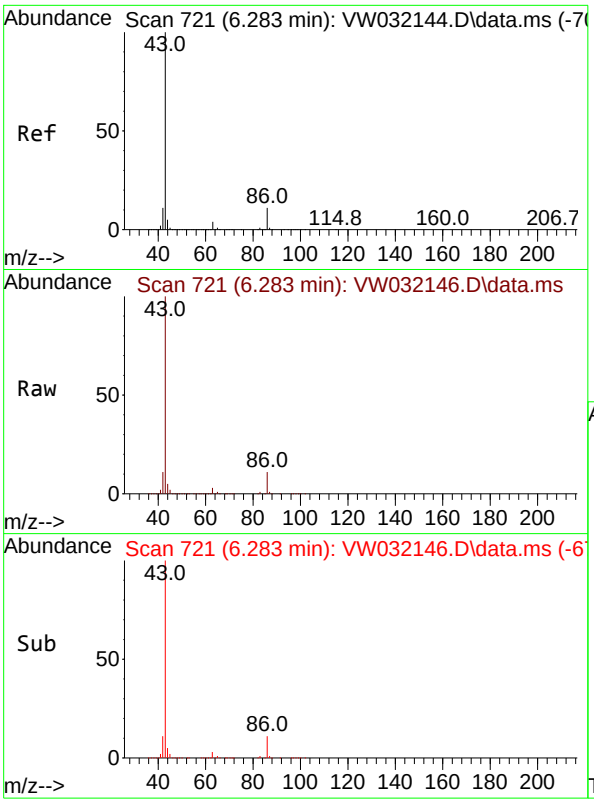


#22
Diisopropyl ether
Concen: 49.029 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 45 Resp: 378823

Ion	Ratio	Lower	Upper
45	100		
43	60.3	51.4	77.2
87	31.5	25.9	38.9
59	11.4	10.1	15.1

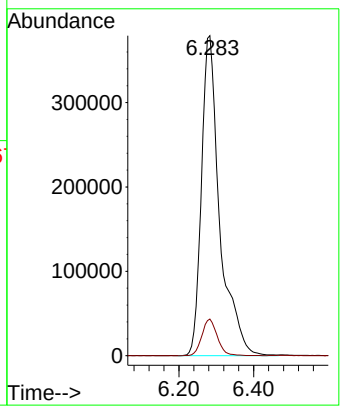




#23
Vinyl Acetate
Concen: 244.903 ug/l
RT: 6.283 min Scan# 7
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 128651

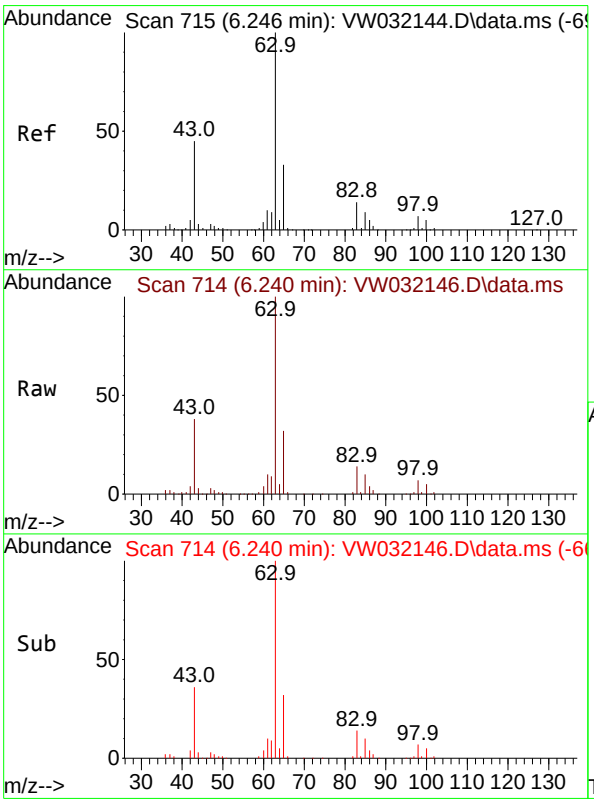
Ion	Ratio	Lower	Upper
43	100		
86	11.4	8.8	13.2



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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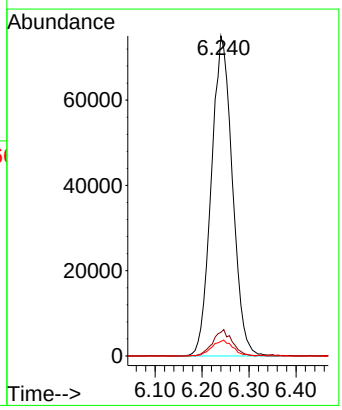
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

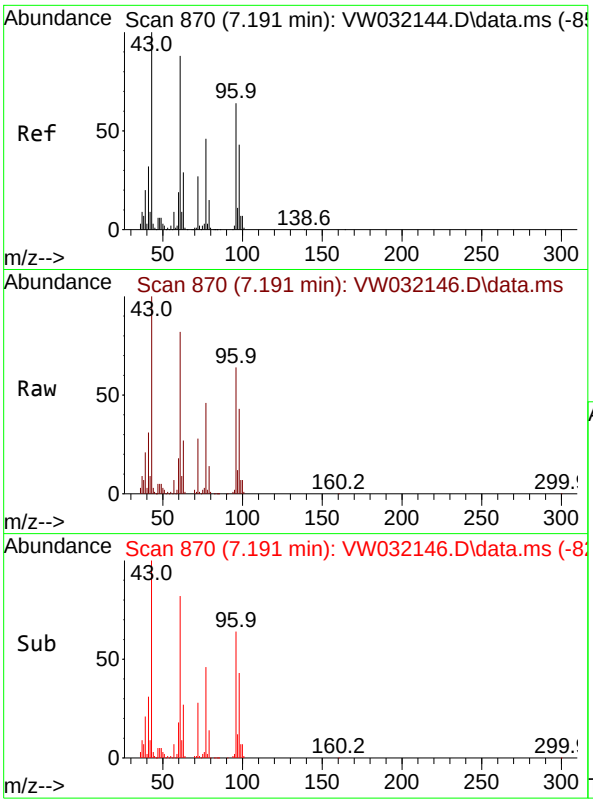


#24
1,1-Dichloroethane
Concen: 46.223 ug/l
RT: 6.240 min Scan# 714
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 63 Resp: 233811

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.8	11.2
100	4.5	2.5	7.5





#25
2-Butanone
Concen: 248.853 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

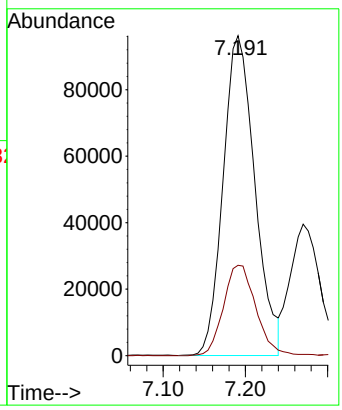
Tgt Ion: 43 Resp: 25827

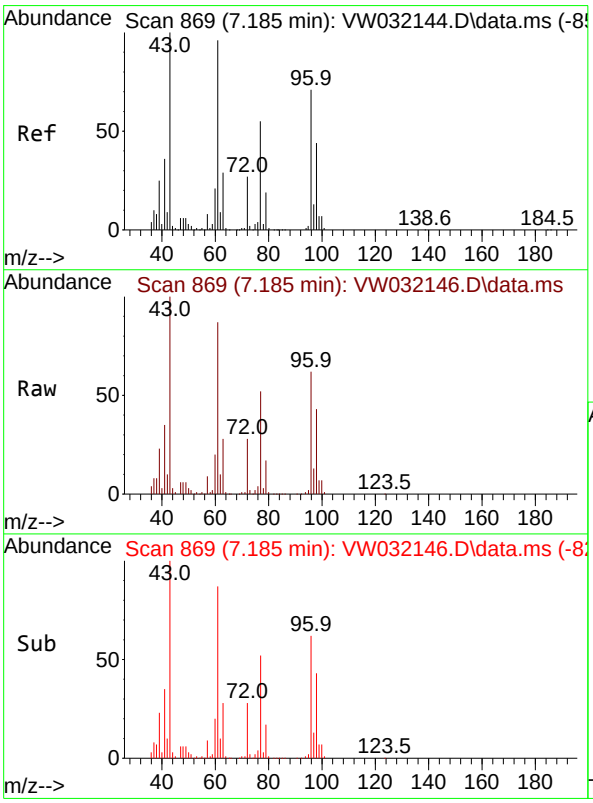
Ion	Ratio	Lower	Upper
43	100		
72	28.3	21.4	32.2

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

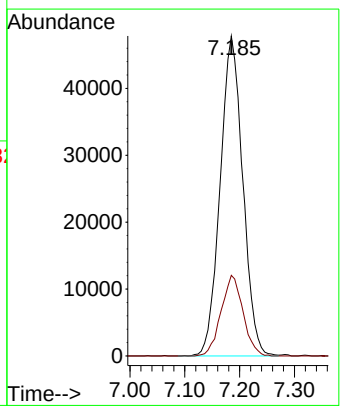


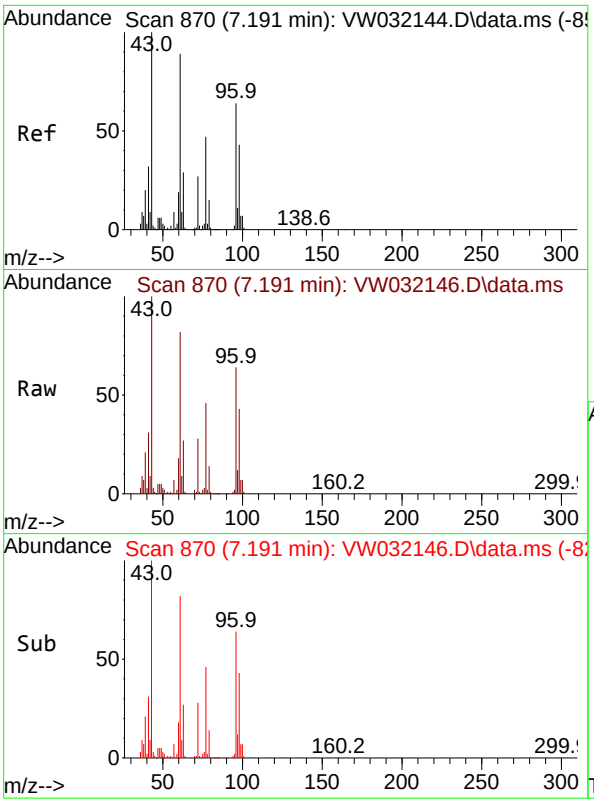


#26
2,2-Dichloropropane
Concen: 51.190 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 77 Resp: 137122

Ion	Ratio	Lower	Upper
77	100		
97	24.4	11.9	35.5

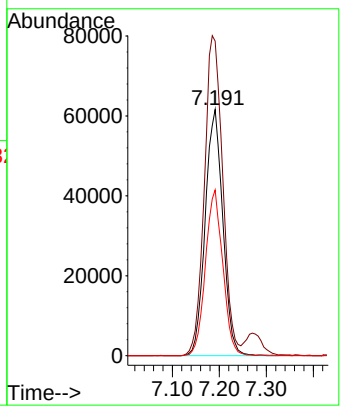




#27
cis-1,2-Dichloroethene
Concen: 47.237 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 96 Resp: 16048

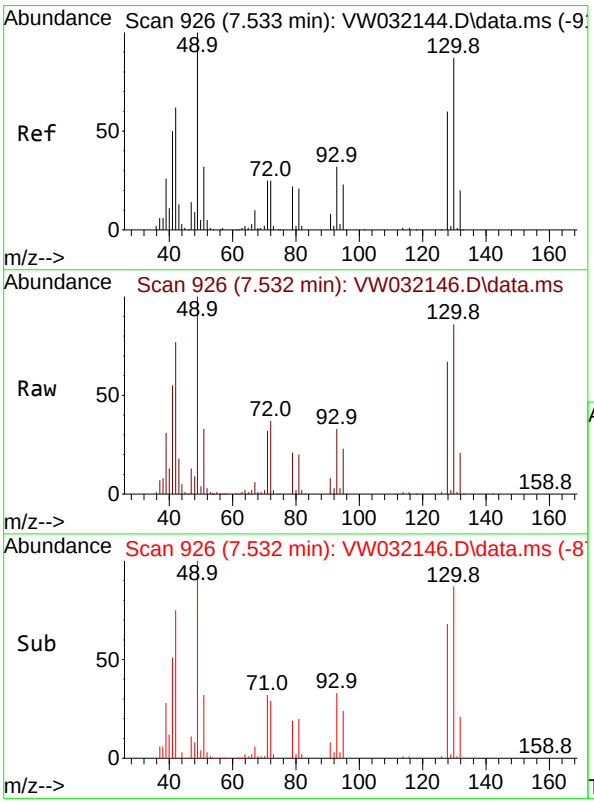
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	268.0
98	66.1	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

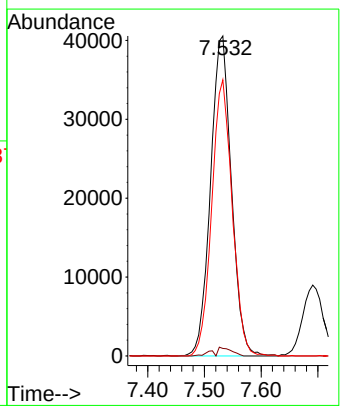
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

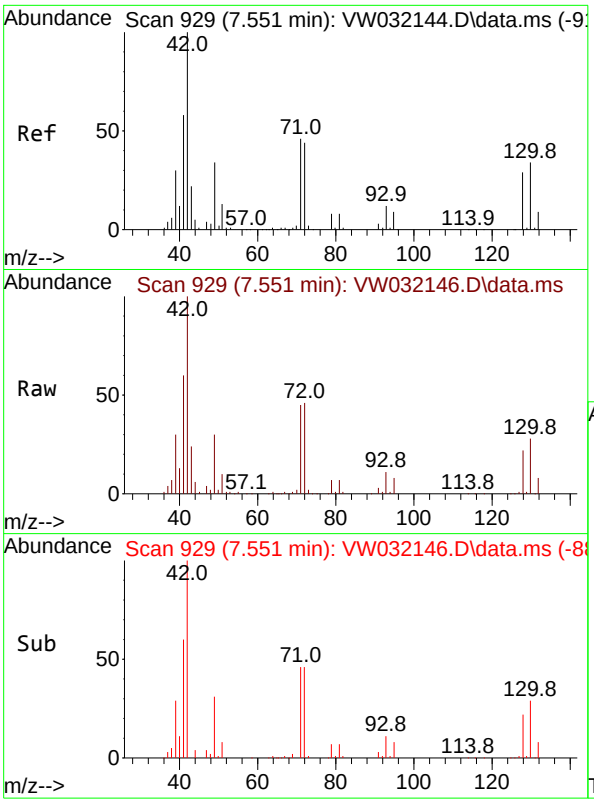


#28
Bromochloromethane
Concen: 44.789 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 49 Resp: 103711

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	84.4	67.5	101.3

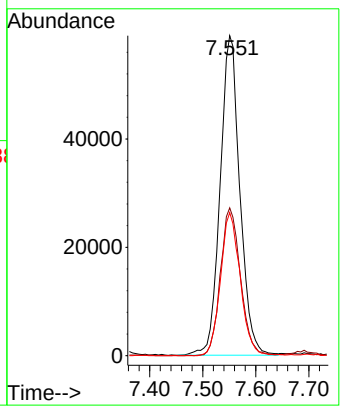




#29
Tetrahydrofuran
Concen: 230.667 ug/l
RT: 7.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 42 Resp: 15213

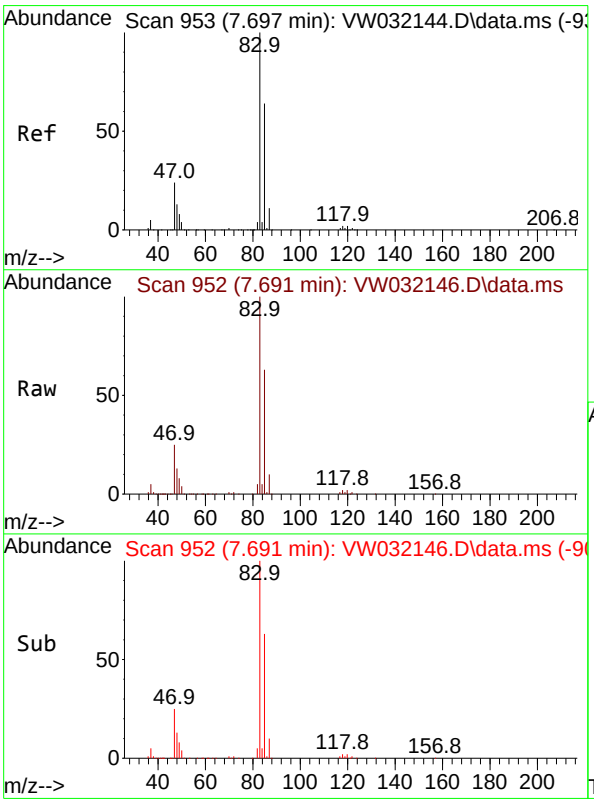
Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.4	56.2
71	44.8	36.0	54.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

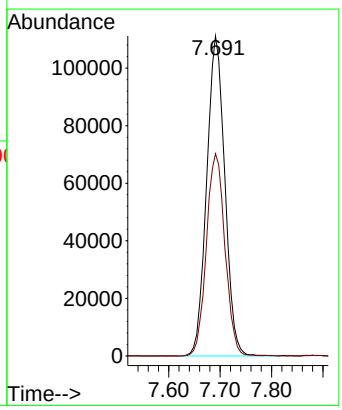
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

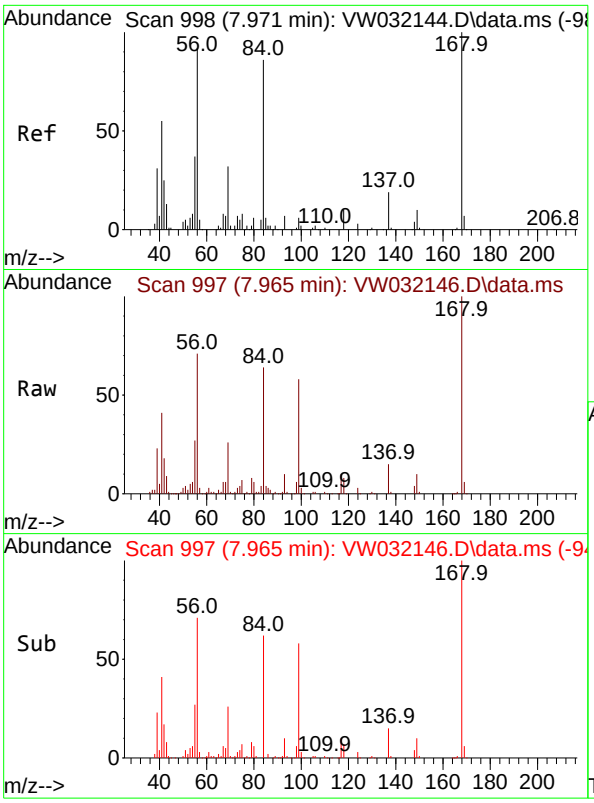


#30
Chloroform
Concen: 47.122 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 83 Resp: 272139

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.2	76.8

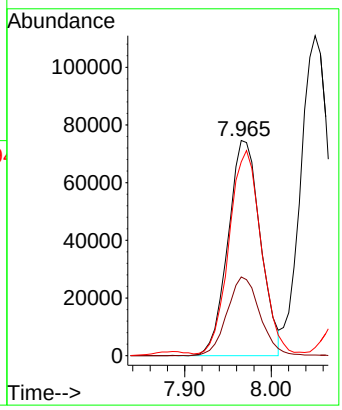




#31
Cyclohexane
Concen: 46.650 ug/l
RT: 7.965 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 56 Resp: 19367

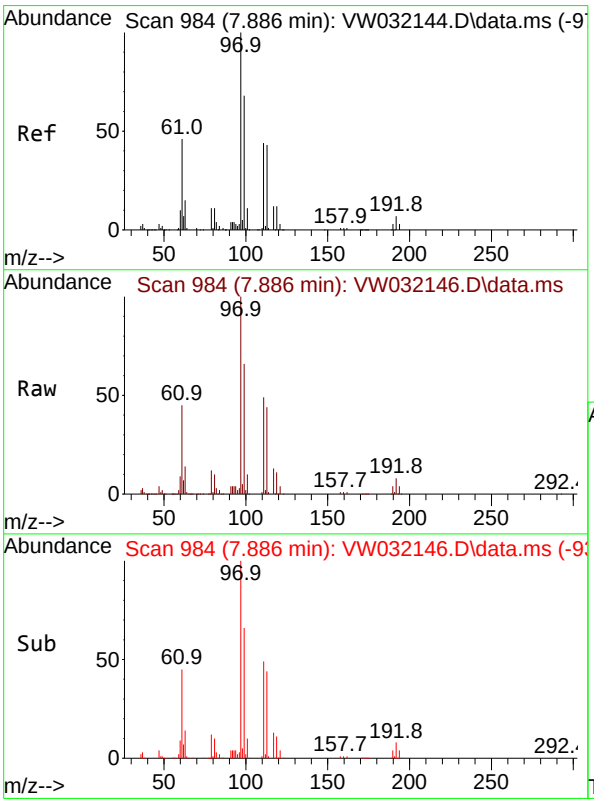
Ion	Ratio	Lower	Upper
56	100		
69	36.5	27.7	41.5
84	88.2	74.6	112.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

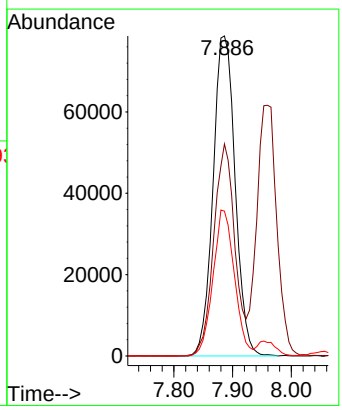
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

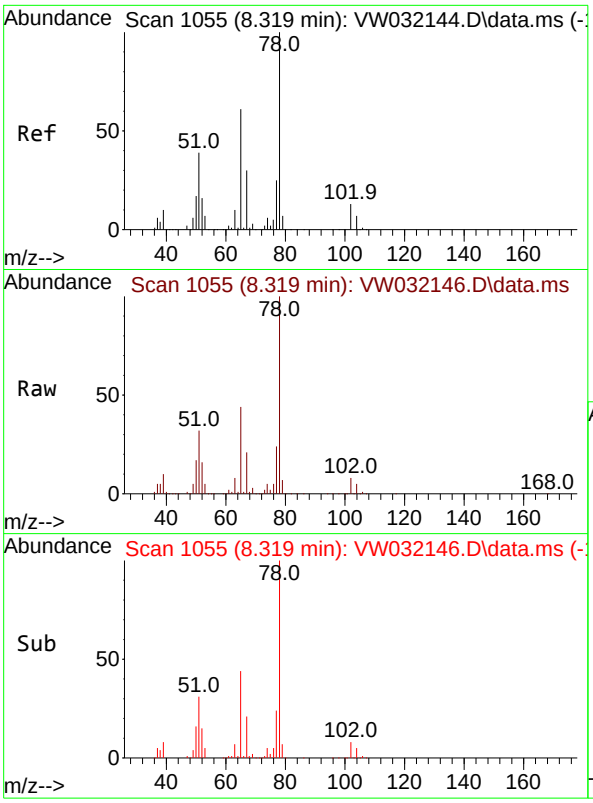


#32
1,1,1-Trichloroethane
Concen: 48.756 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 97 Resp: 205549

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.9	76.3
61	44.4	36.2	54.4

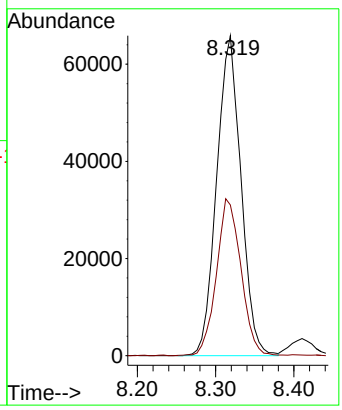




#33
1,2-Dichloroethane-d4
Concen: 41.992 ug/l
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 65 Resp: 14201

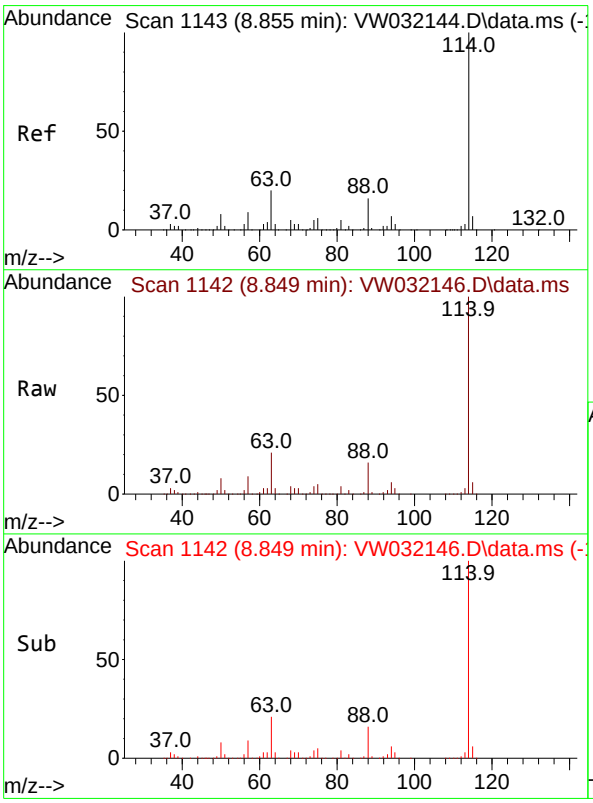
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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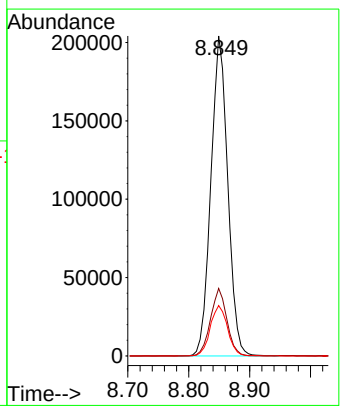
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

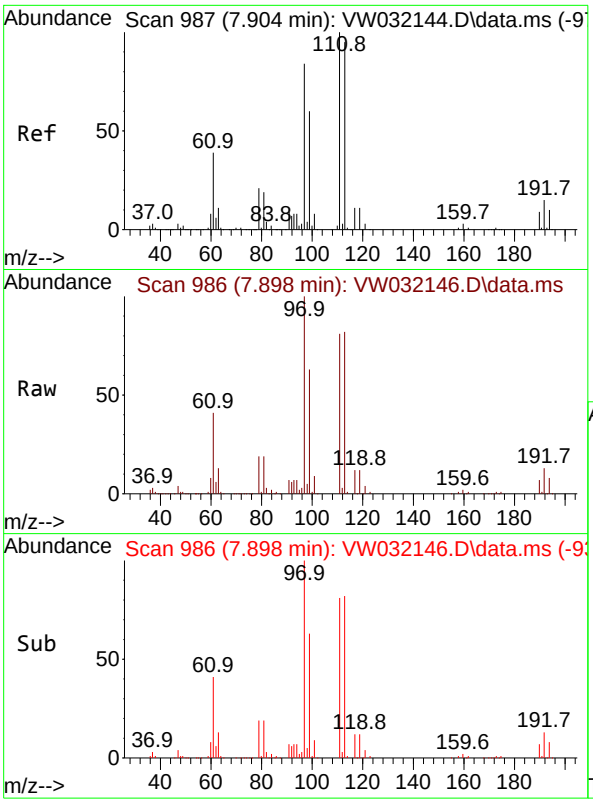


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:114 Resp: 392388

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.4
88	15.7	0.0	32.0

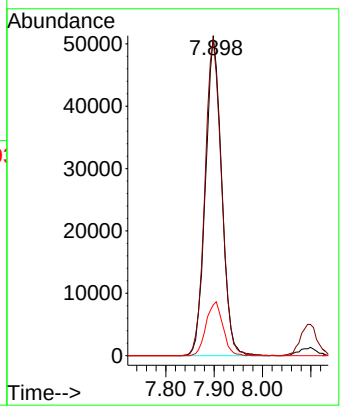




#35
Dibromofluoromethane
Concen: 43.264 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:113 Resp: 11910

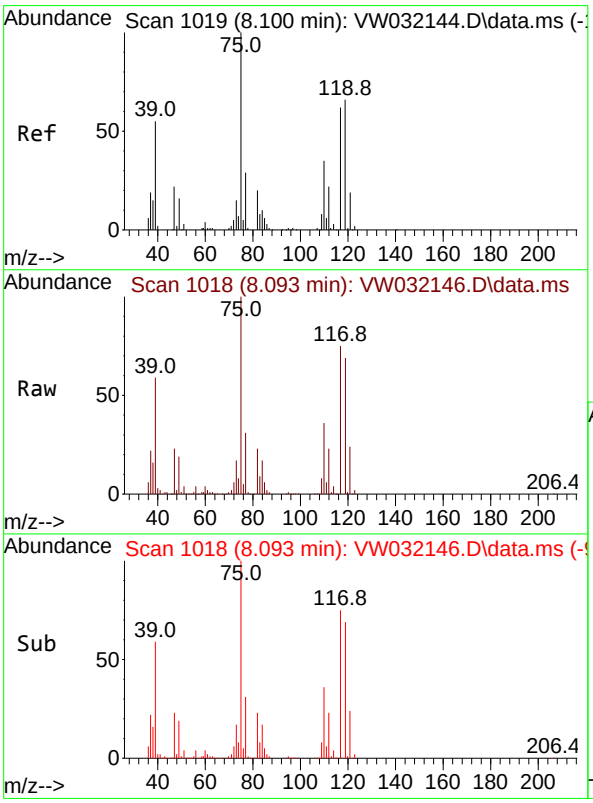
Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.9	125.9
192	17.5	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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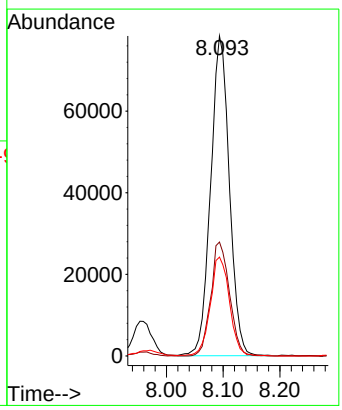
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

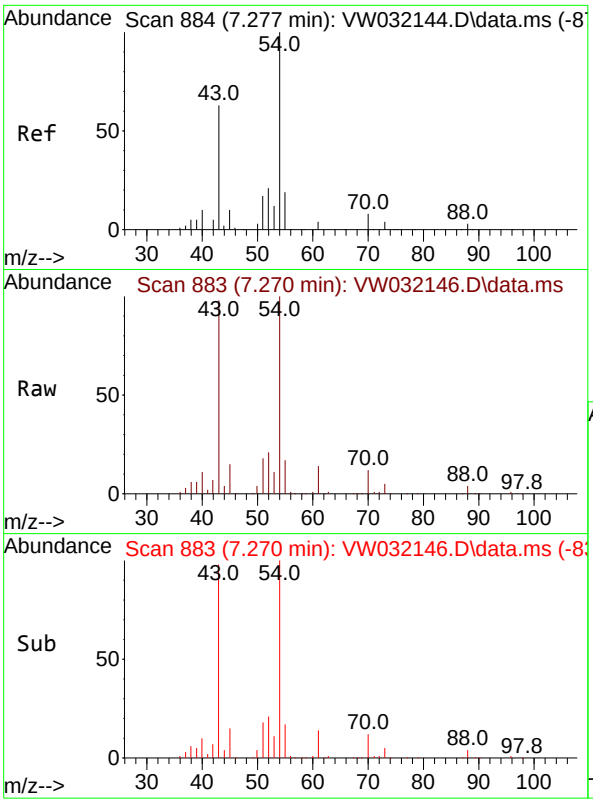


#36
1,1-Dichloropropene
Concen: 50.360 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 179756

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.5	52.5
77	31.7	24.1	36.1

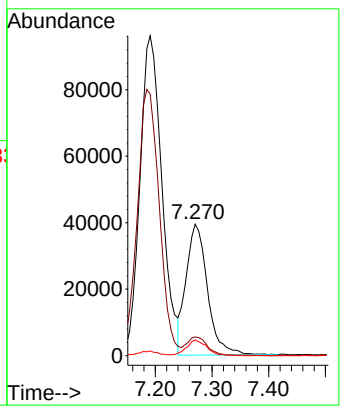




#37
Ethyl Acetate
Concen: 48.241 ug/l
RT: 7.270 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 10329

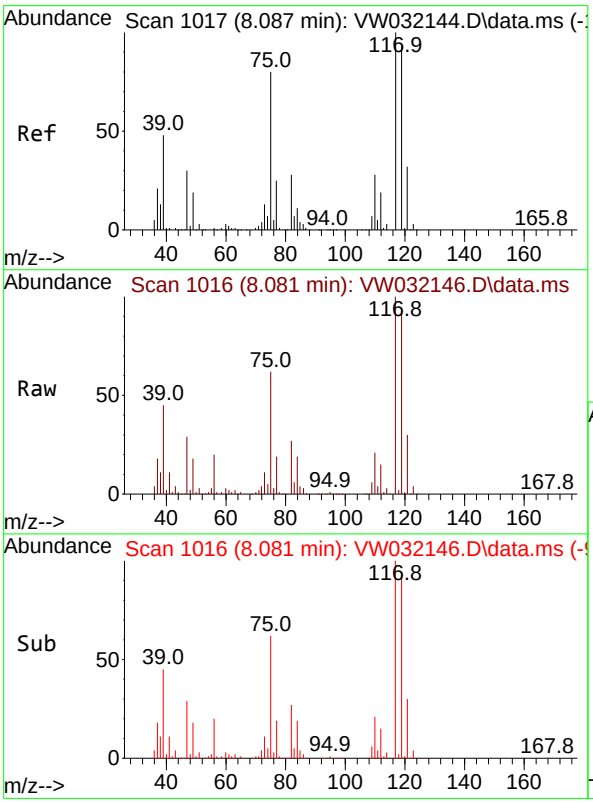
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.3	16.9
70	11.5	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

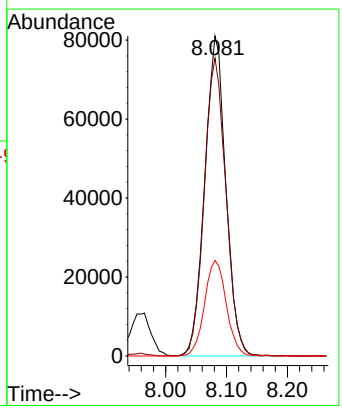
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

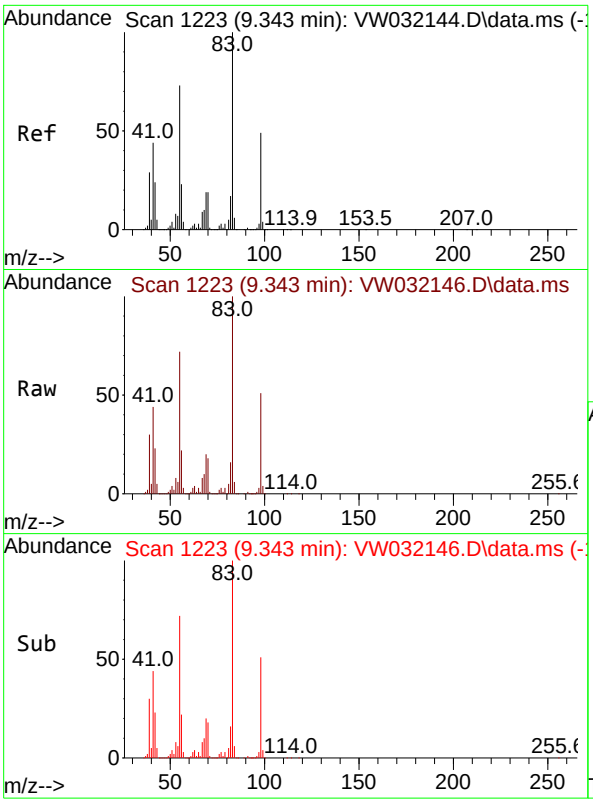


#38
Carbon Tetrachloride
Concen: 51.066 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:117 Resp: 195403

Ion	Ratio	Lower	Upper
117	100		
119	93.0	74.2	111.2
121	29.9	25.6	38.4

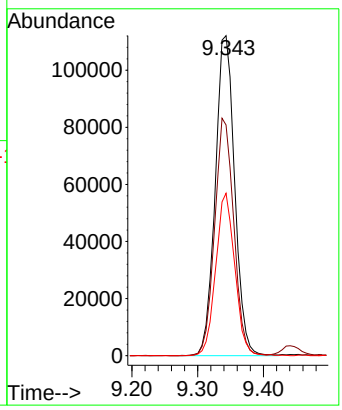




#39
Methylcyclohexane
Concen: 54.492 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 83 Resp: 23038

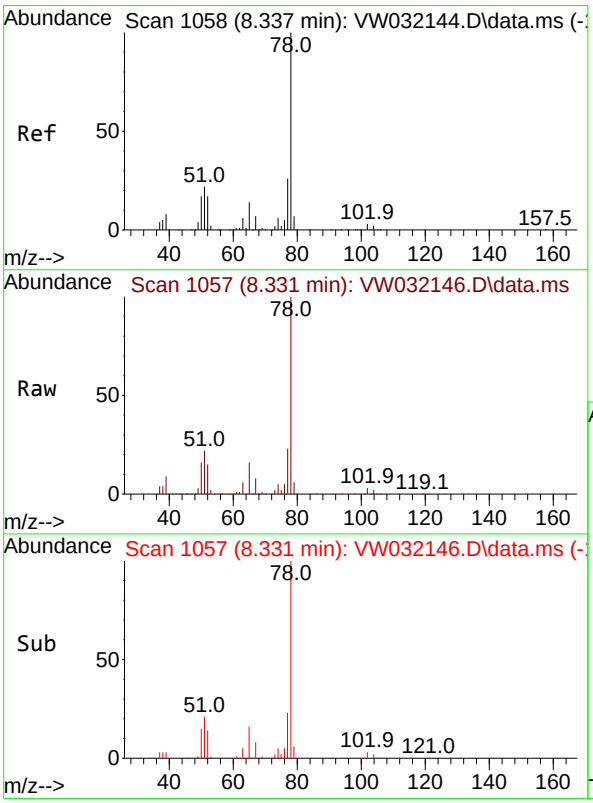
Ion	Ratio	Lower	Upper
83	100		
55	72.1	58.4	87.6
98	50.7	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

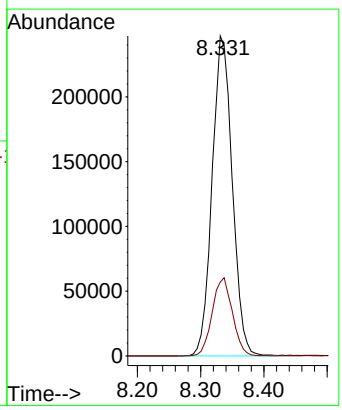
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

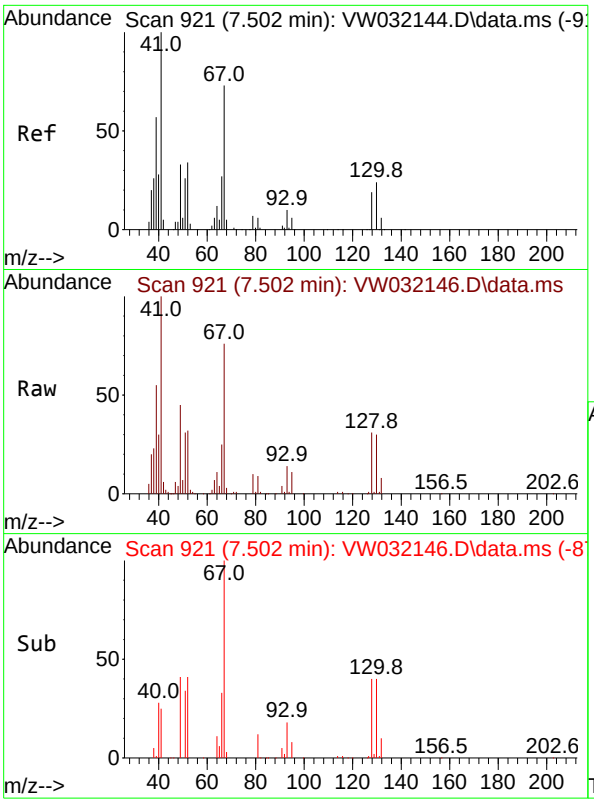


#40
Benzene
Concen: 49.427 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 78 Resp: 545356

Ion	Ratio	Lower	Upper
78	100		
77	23.1	20.7	31.1

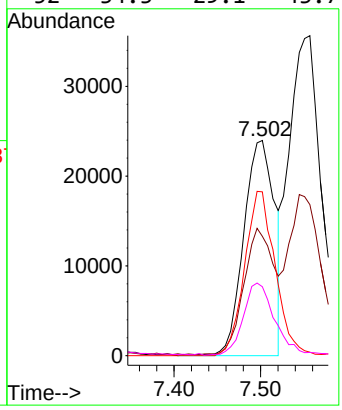




#41
Methacrylonitrile
Concen: 49.922 ug/l
RT: 7.502 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 41 Resp: 5939

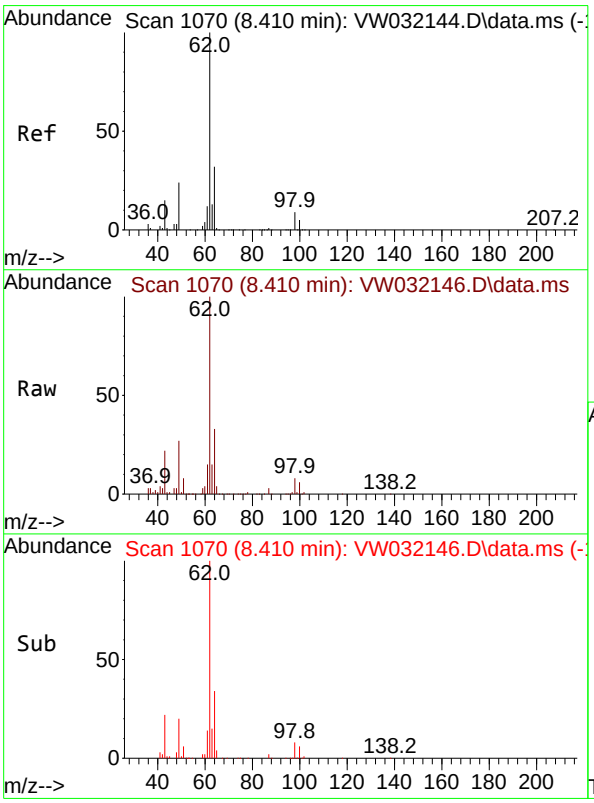
Ion	Ratio	Lower	Upper
41	100		
39	57.1	50.9	76.3
67	75.5	65.6	98.4
52	34.3	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

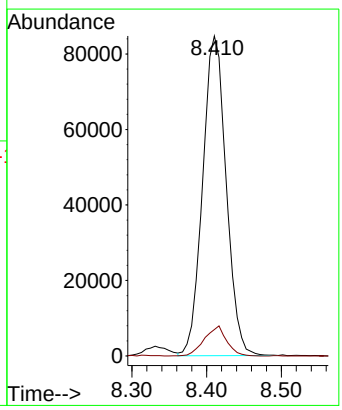
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

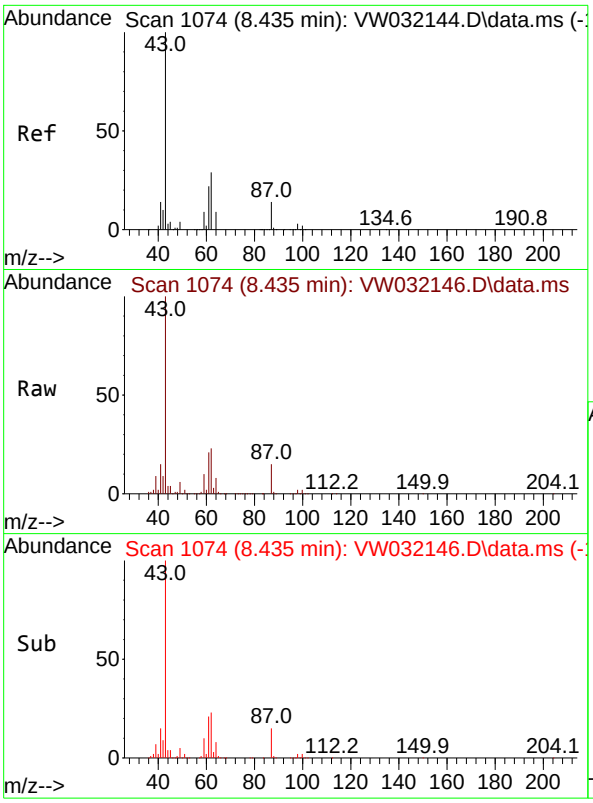


#42
1,2-Dichloroethane
Concen: 48.444 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 62 Resp: 185296

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0

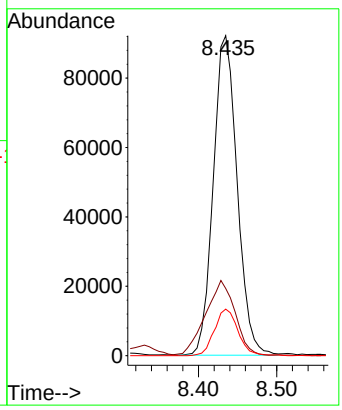




#43
Isopropyl Acetate
Concen: 48.555 ug/l
RT: 8.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 19505

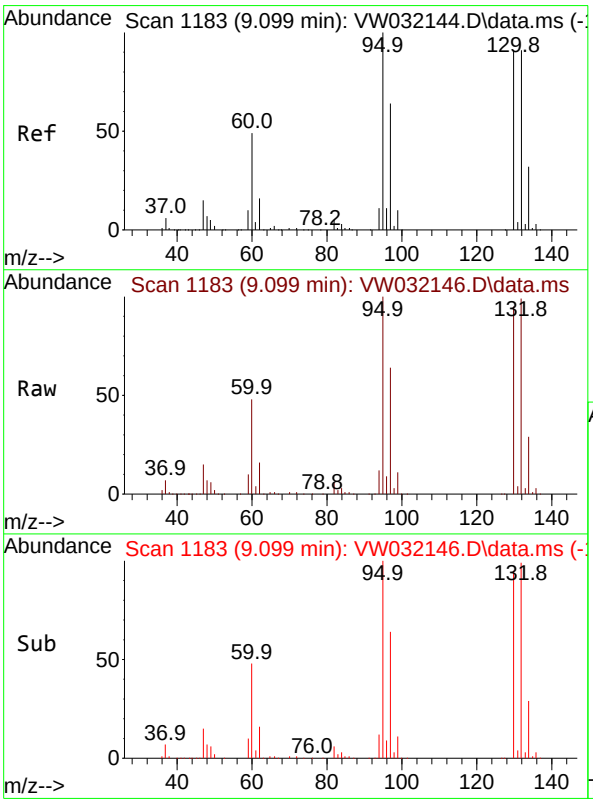
Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.3	34.9
87	14.5	11.1	16.7



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

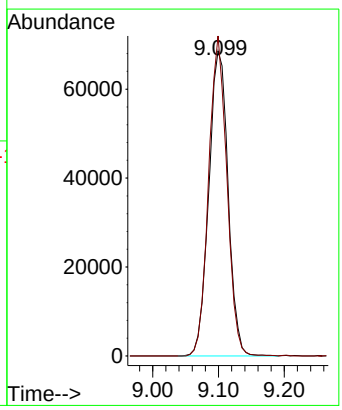
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

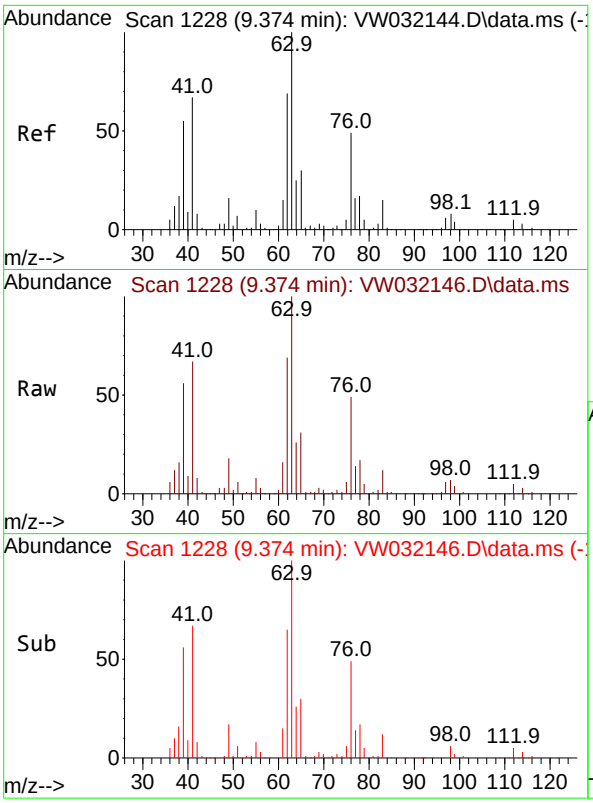


#44
Trichloroethene
Concen: 50.438 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:130 Resp: 139951

Ion	Ratio	Lower	Upper
130	100		
95	104.9	0.0	220.0

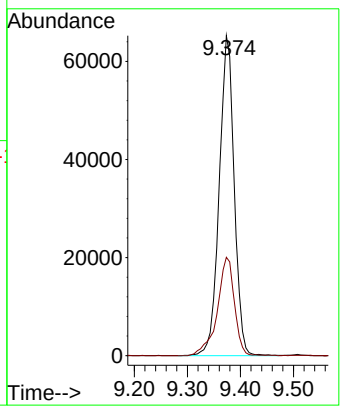




#45
1,2-Dichloropropane
Concen: 48.110 ug/l
RT: 9.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 63 Resp: 12796

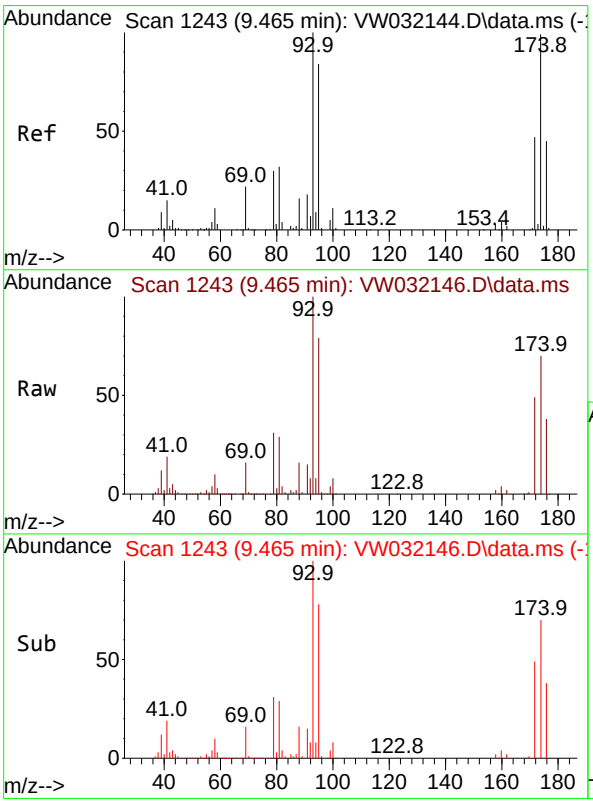
Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

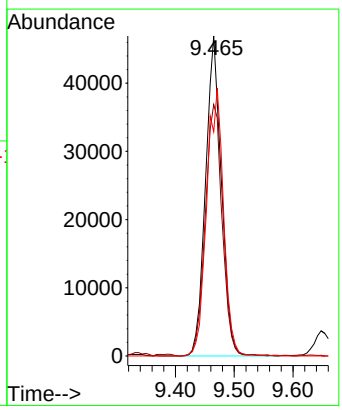
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

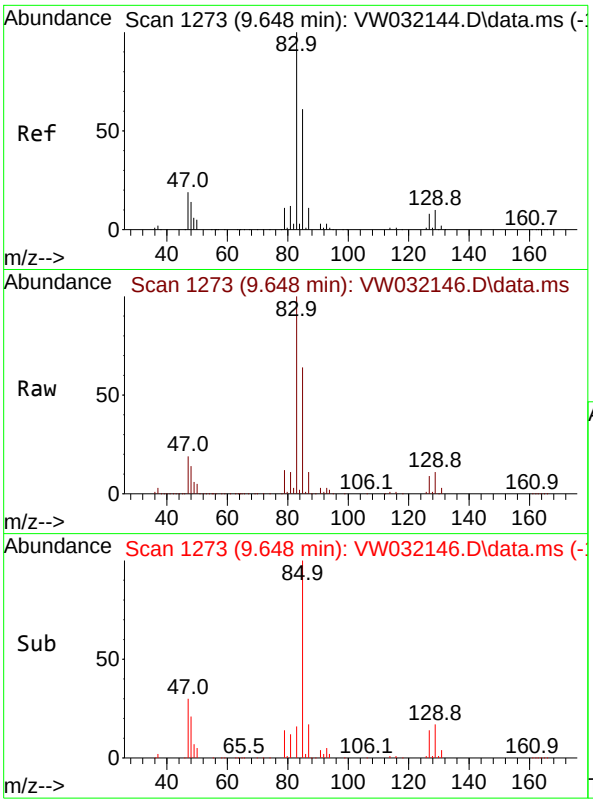


#46
Dibromomethane
Concen: 47.269 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 93 Resp: 88183

Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.4	101.2
174	88.9	75.7	113.5

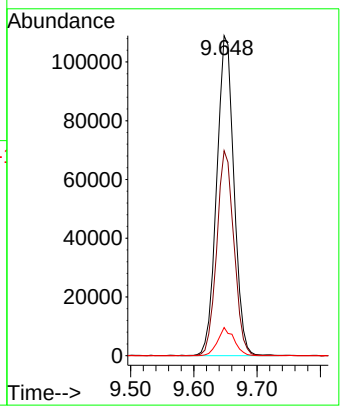




#47
Bromodichloromethane
Concen: 48.496 ug/l
RT: 9.648 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 83 Resp: 20559

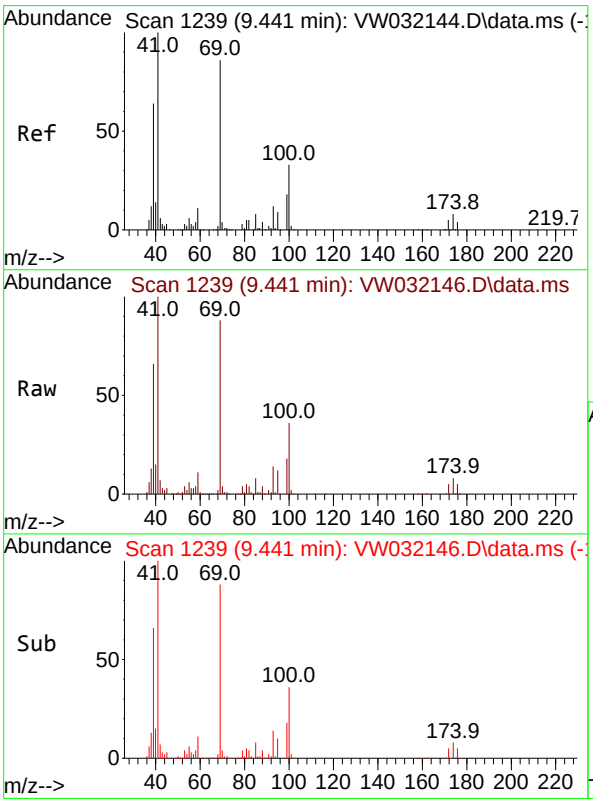
Ion	Ratio	Lower	Upper
83	100		
85	64.0	48.7	73.1
127	8.8	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

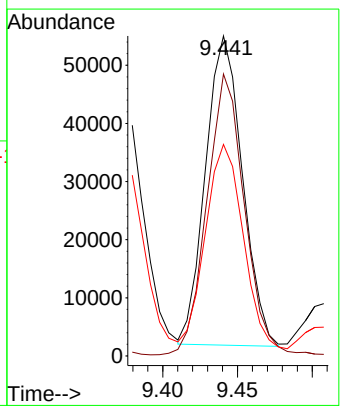
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

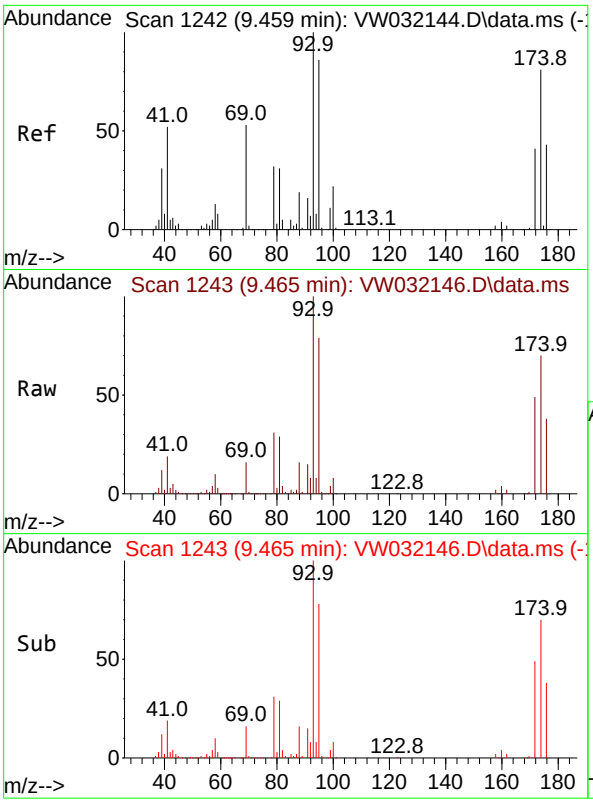


#48
Methyl methacrylate
Concen: 49.232 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 41 Resp: 91140

Ion	Ratio	Lower	Upper
41	100		
69	93.2	71.5	107.3
39	67.3	55.9	83.9

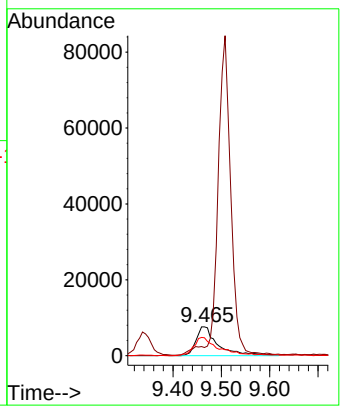




#49
1,4-Dioxane
Concen: 1060.060 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 88 Resp: 2389

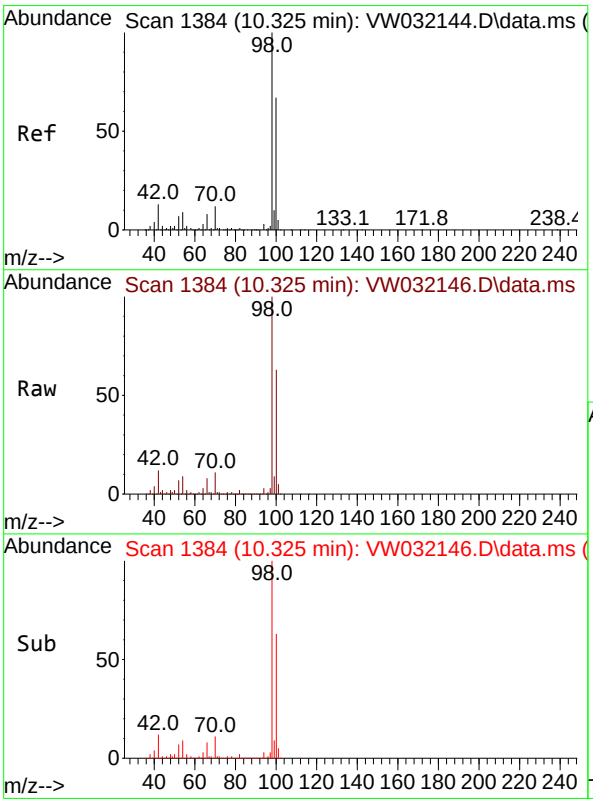
Ion	Ratio	Lower	Upper
88	100		
43	20.4	18.0	27.0
58	70.7	55.4	83.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

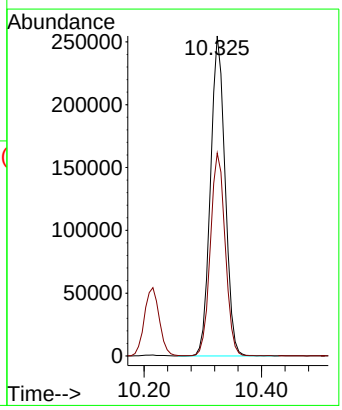
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

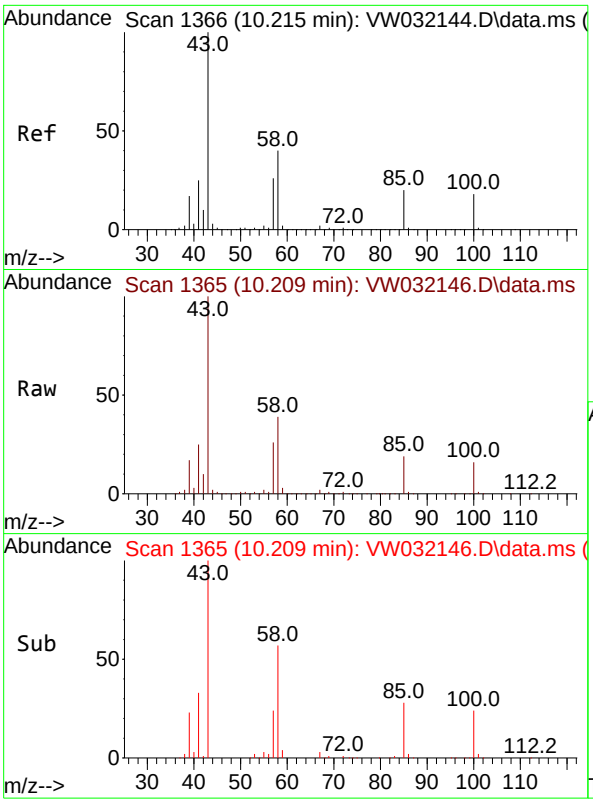


#50
Toluene-d8
Concen: 45.510 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 98 Resp: 439822

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2

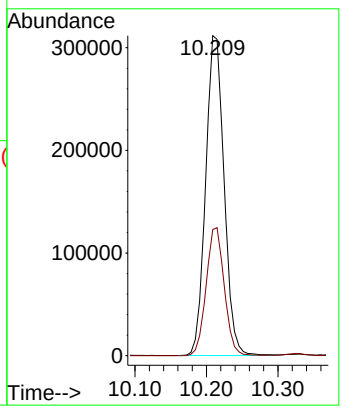




#51
4-Methyl-2-Pentanone
Concen: 246.021 ug/l
RT: 10.209 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 55803

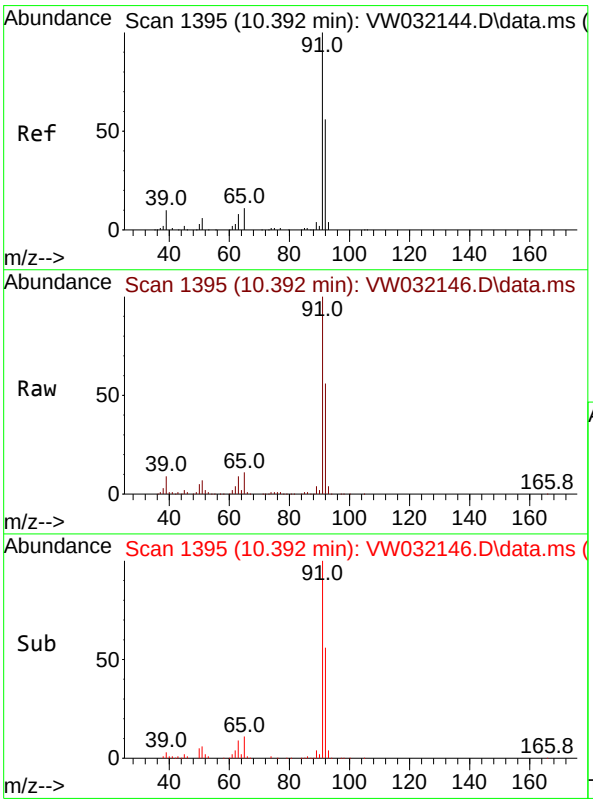
Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.0	48.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

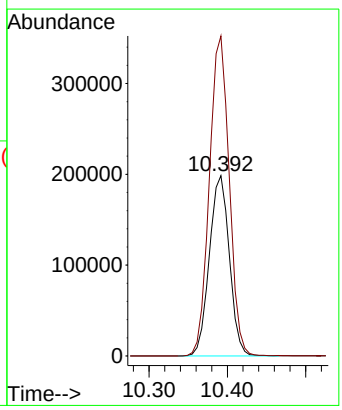
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

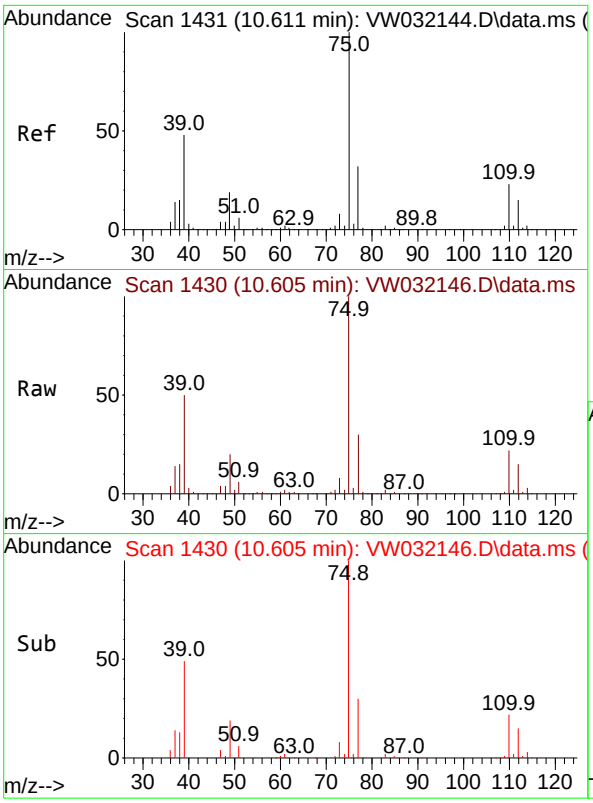


#52
Toluene
Concen: 48.788 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 92 Resp: 351771

Ion	Ratio	Lower	Upper
92	100		
91	176.0	137.5	206.3

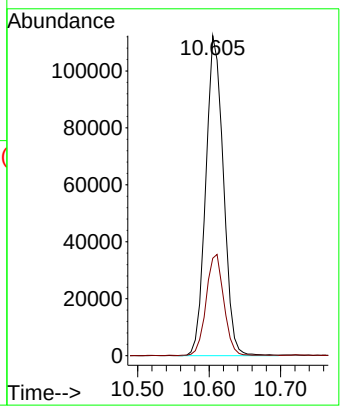




#53
t-1,3-Dichloropropene
Concen: 51.459 ug/l
RT: 10.605 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 19245

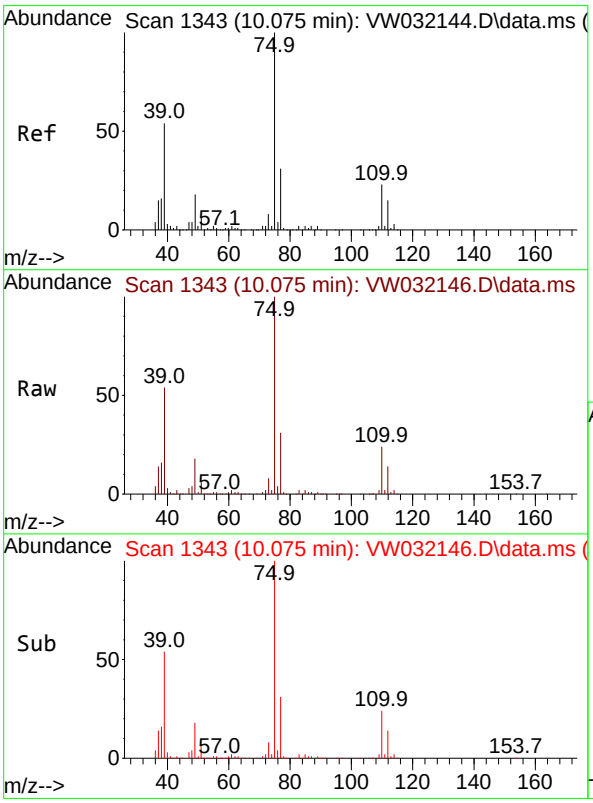
Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.6	38.4



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

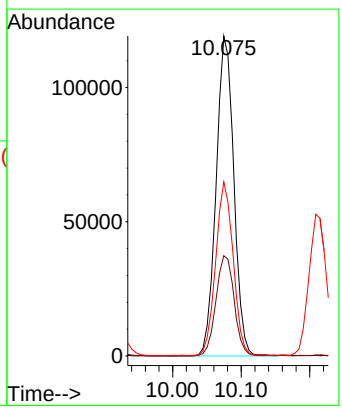
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

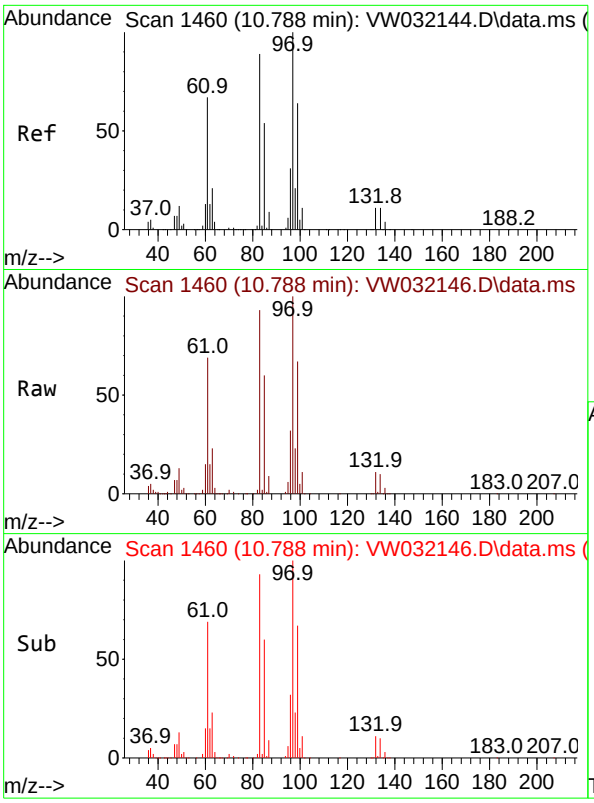


#54
cis-1,3-Dichloropropene
Concen: 50.066 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 213648

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.1	37.7
39	54.2	43.2	64.8

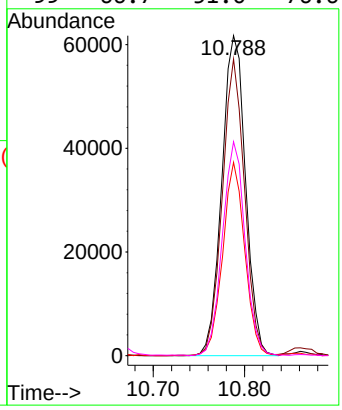




#55
1,1,2-Trichloroethane
Concen: 45.940 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 97 Resp: 11144

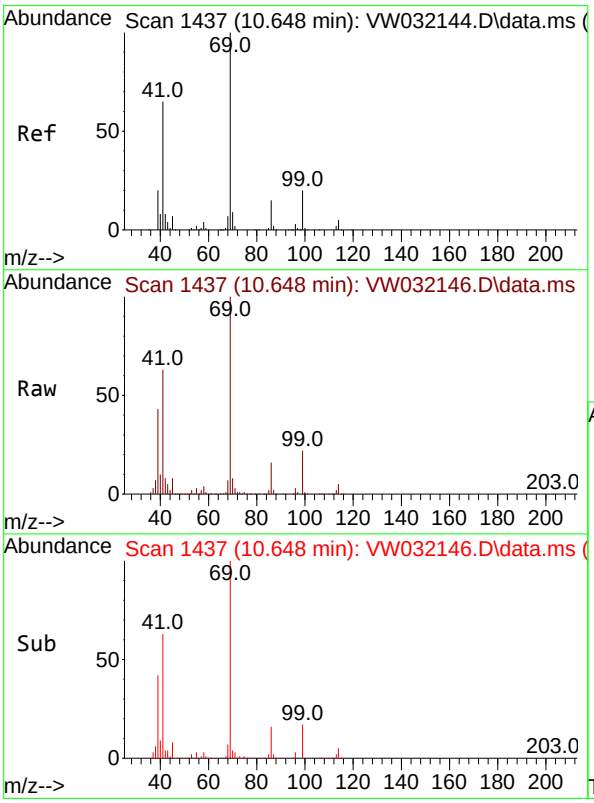
Ion	Ratio	Lower	Upper
97	100		
83	92.6	71.0	106.6
85	60.4	42.8	64.2
99	66.7	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

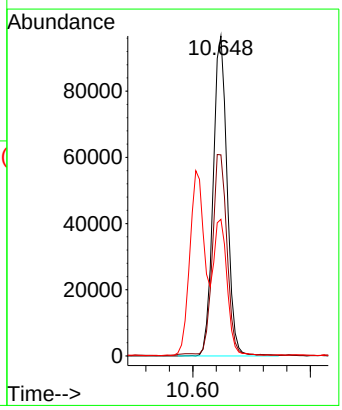
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

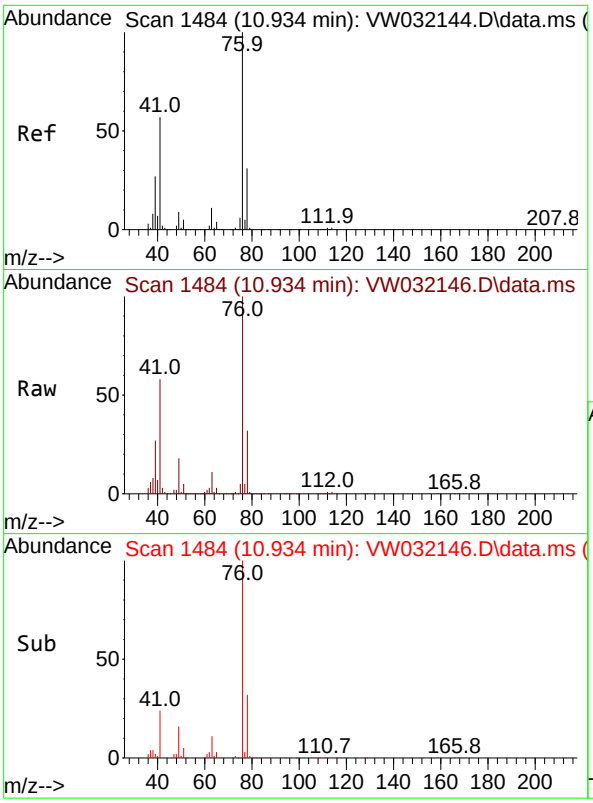


#56
Ethyl methacrylate
Concen: 51.392 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 69 Resp: 159388

Ion	Ratio	Lower	Upper
69	100		
41	64.6	53.2	79.8
39	39.9	32.9	49.3





#57
1,3-Dichloropropane
Concen: 48.602 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

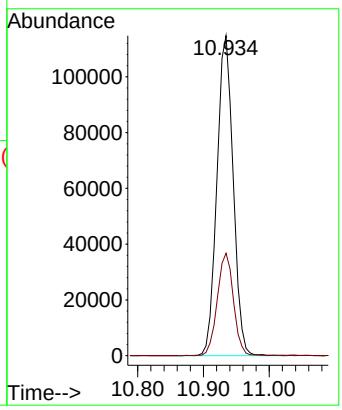
Tgt Ion: 76 Resp: 19742

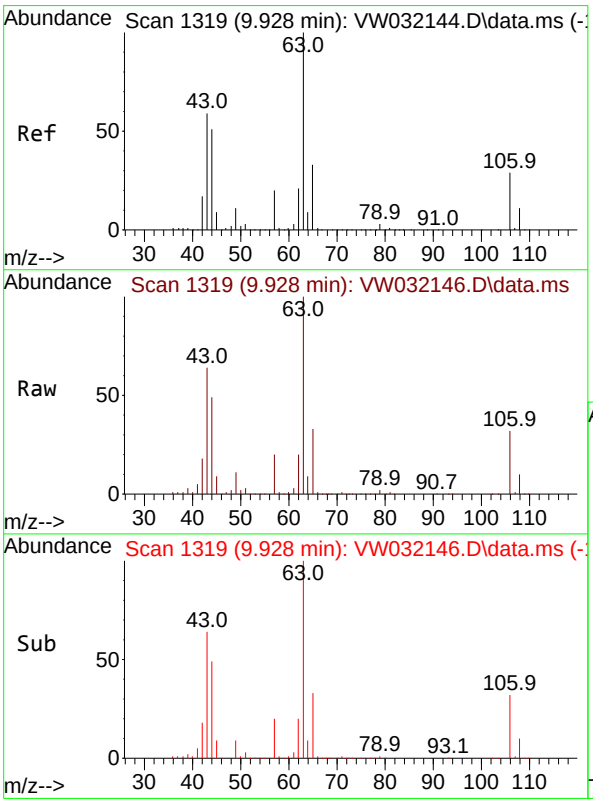
Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.2	39.4

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

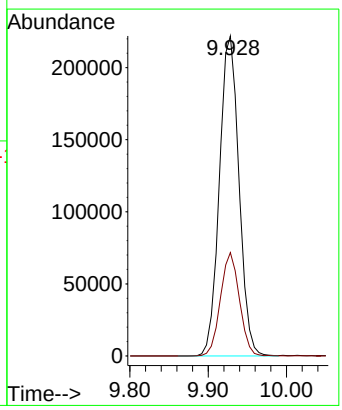


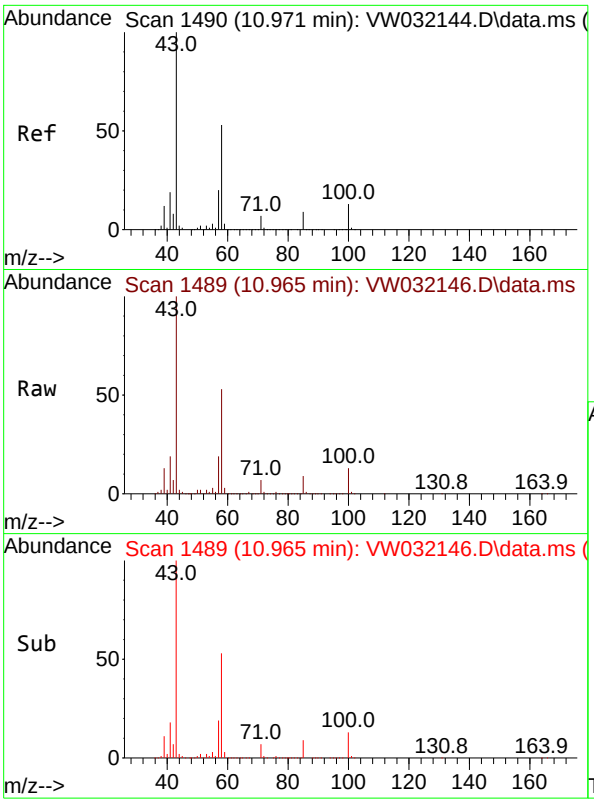


#58
2-Chloroethyl Vinyl ether
Concen: 232.934 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 63 Resp: 385600

Ion	Ratio	Lower	Upper
63	100		
106	31.3	24.3	36.5





#59
2-Hexanone
Concen: 258.687 ug/l
RT: 10.965 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

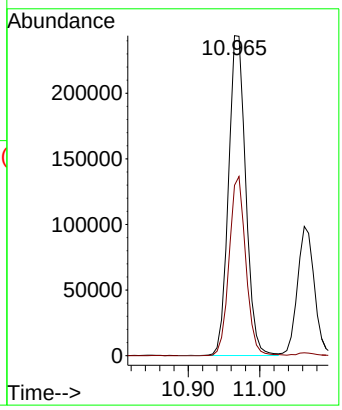
Tgt Ion: 43 Resp: 40807

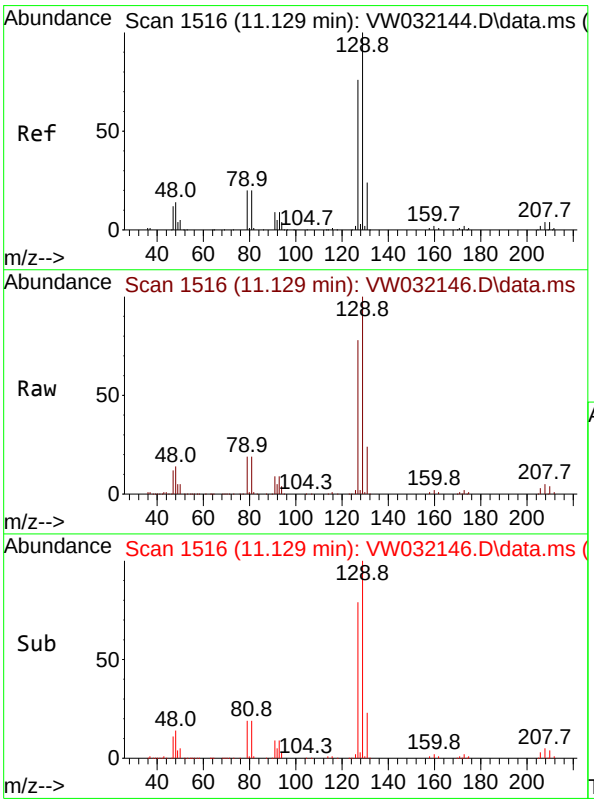
Ion	Ratio	Lower	Upper
43	100		
58	54.2	27.5	82.4

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

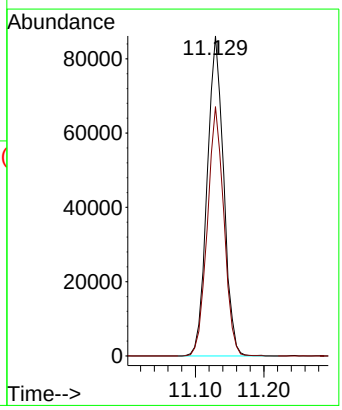


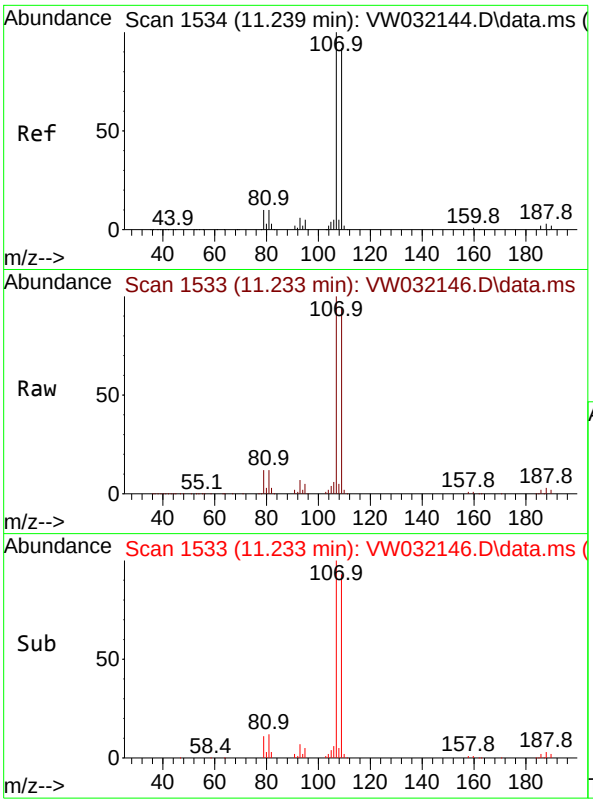


#60
Dibromochloromethane
Concen: 49.161 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:129 Resp: 144311

Ion	Ratio	Lower	Upper
129	100		
127	77.9	38.1	114.5





#61
1,2-Dibromoethane
Concen: 48.223 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

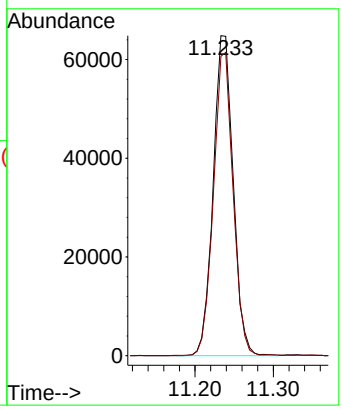
Tgt Ion:107 Resp: 11504

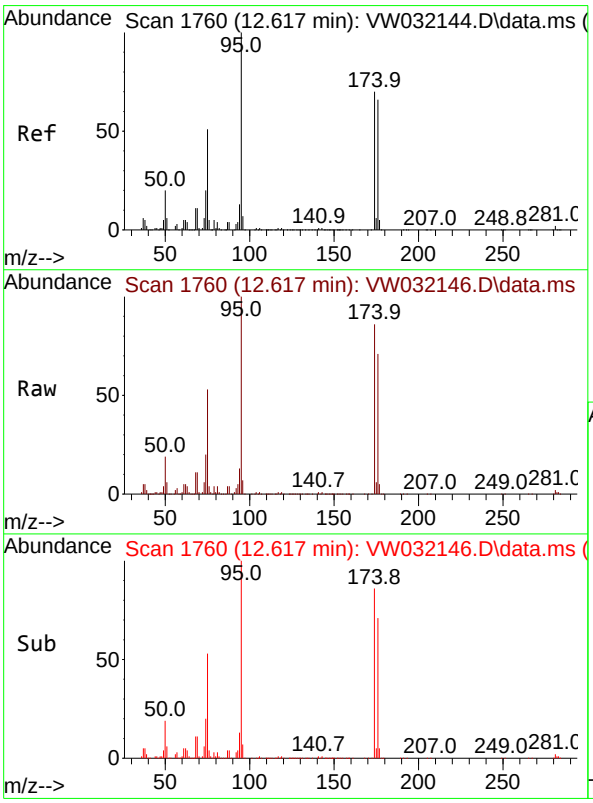
Ion	Ratio	Lower	Upper
107	100		
109	93.1	74.5	111.7

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

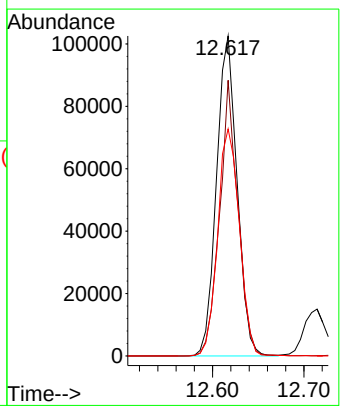


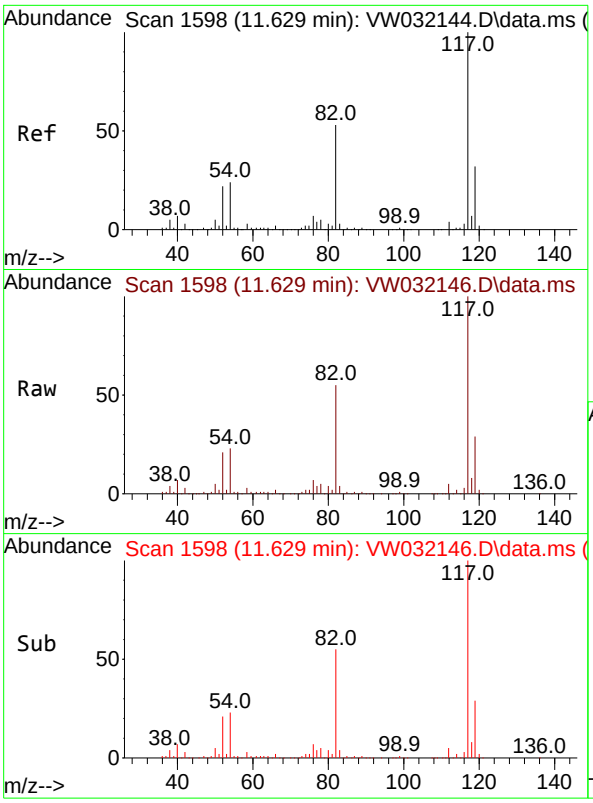


#62
4-Bromofluorobenzene
Concen: 44.975 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 95 Resp: 160725

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	145.6
176	74.9	0.0	140.8

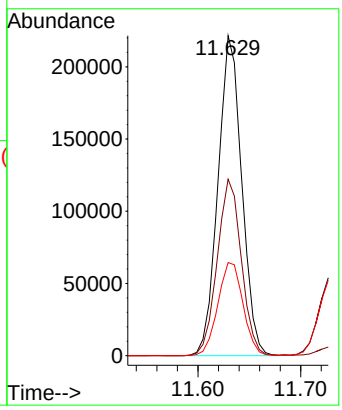




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:117 Resp: 35517

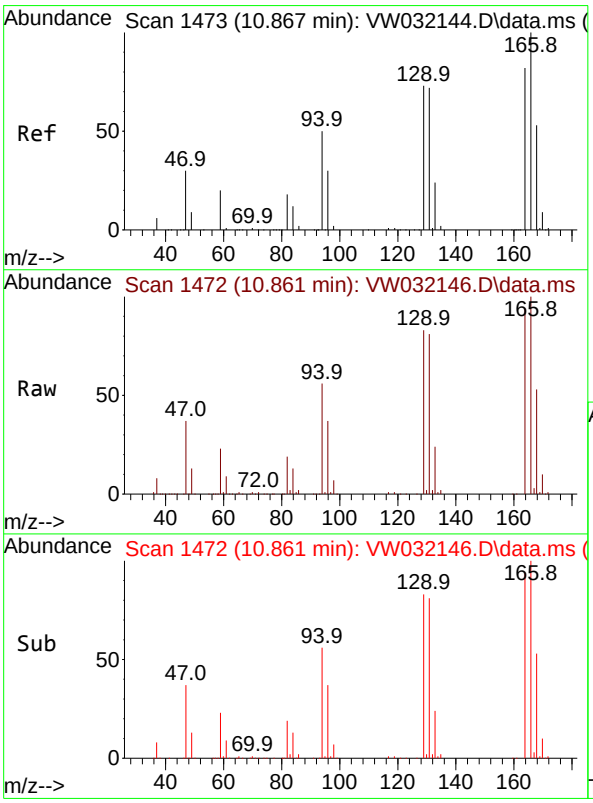
Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.7	64.1
119	29.1	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

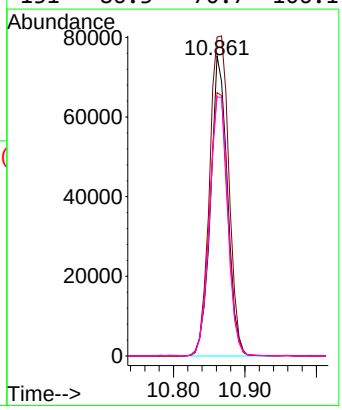
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

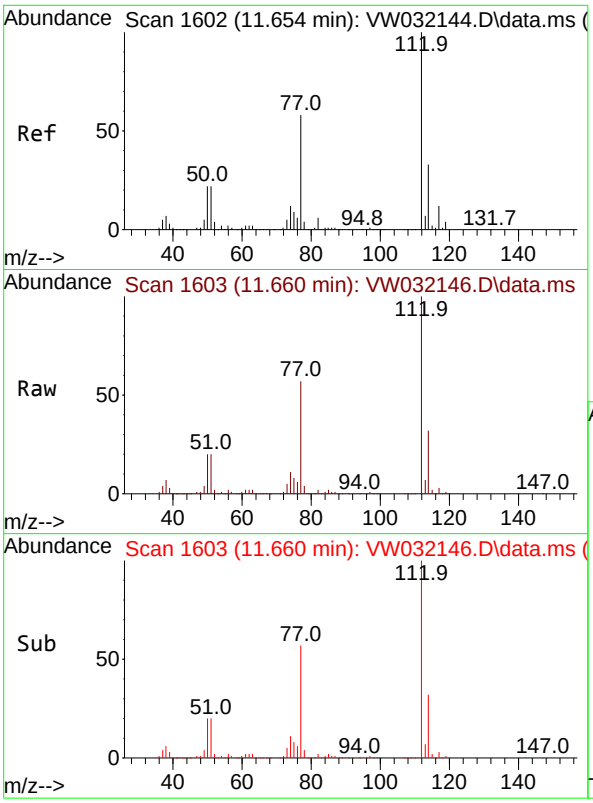


#64
Tetrachloroethene
Concen: 52.531 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:164 Resp: 122798

Ion	Ratio	Lower	Upper
164	100		
166	106.3	97.5	146.3
129	87.8	71.2	106.8
131	86.3	70.7	106.1

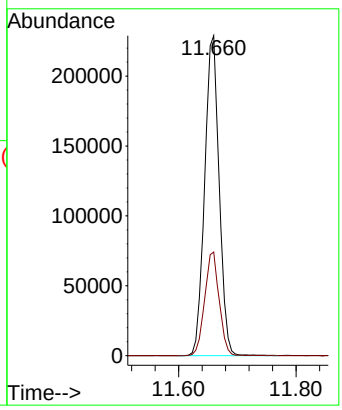




#65
Chlorobenzene
Concen: 48.501 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:112 Resp: 392095

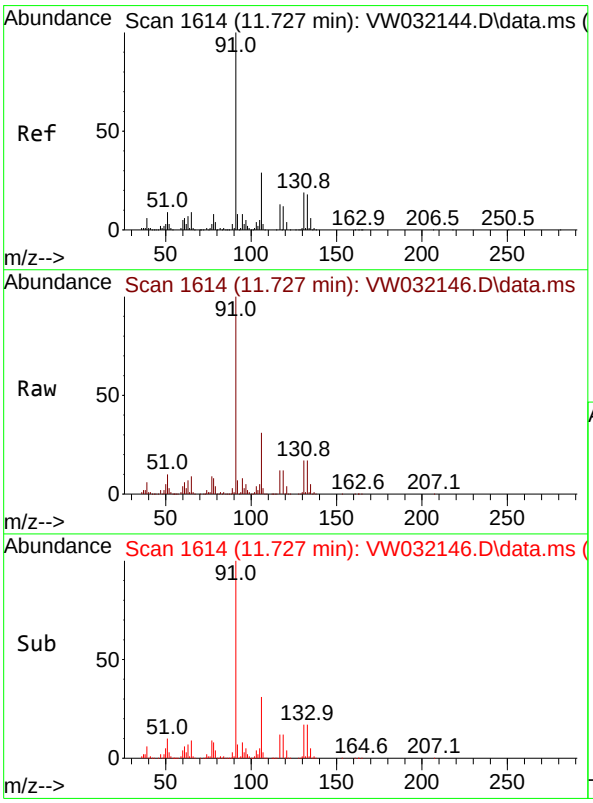
Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

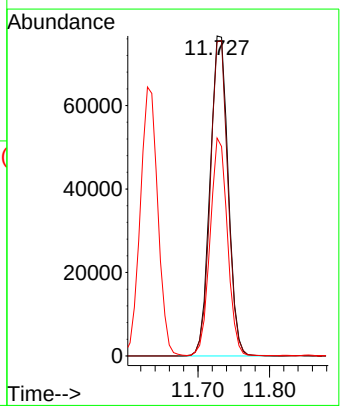
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

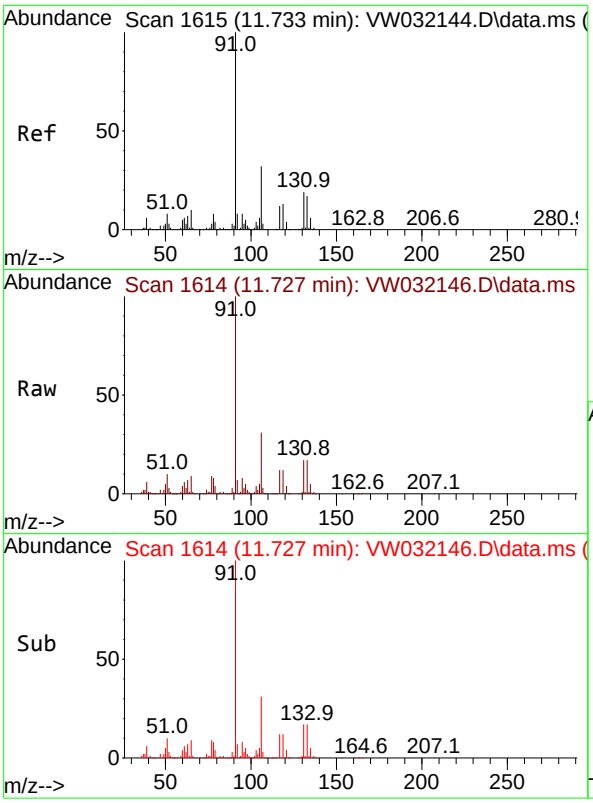


#66
1,1,1,2-Tetrachloroethane
Concen: 50.593 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:131 Resp: 134657

Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.7	143.1
119	65.2	32.8	98.3

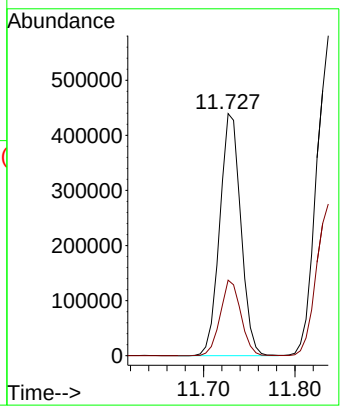




#67
Ethyl Benzene
Concen: 53.267 ug/l
RT: 11.727 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 91 Resp: 70556

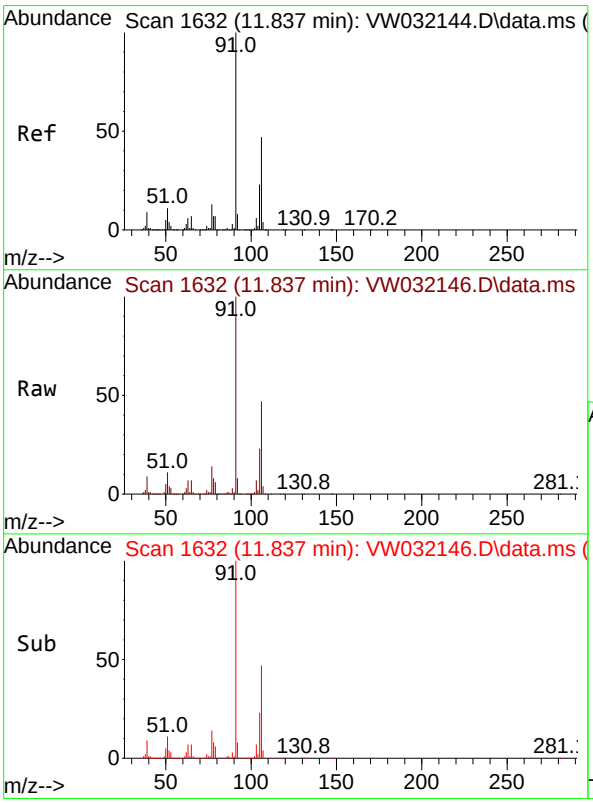
Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

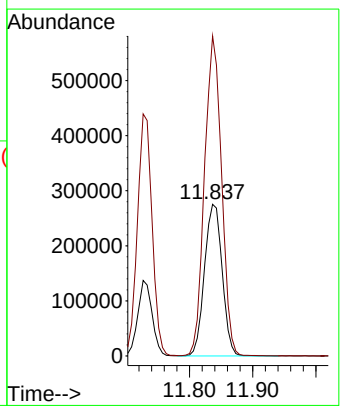
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

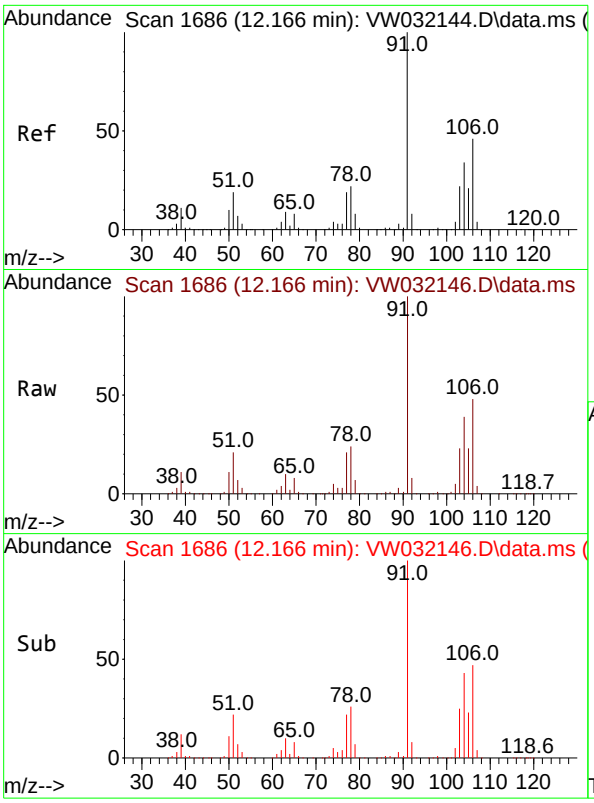


#68
m/p-Xylenes
Concen: 104.945 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:106 Resp: 534982

Ion	Ratio	Lower	Upper
106	100		
91	203.7	164.2	246.2

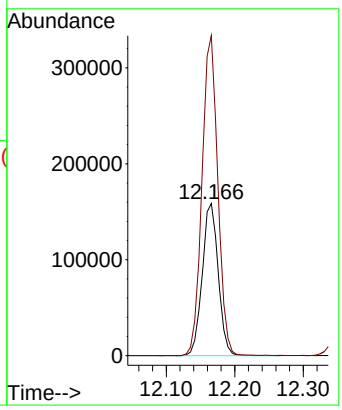




#69
o-Xylene
Concen: 53.311 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:106 Resp: 25706

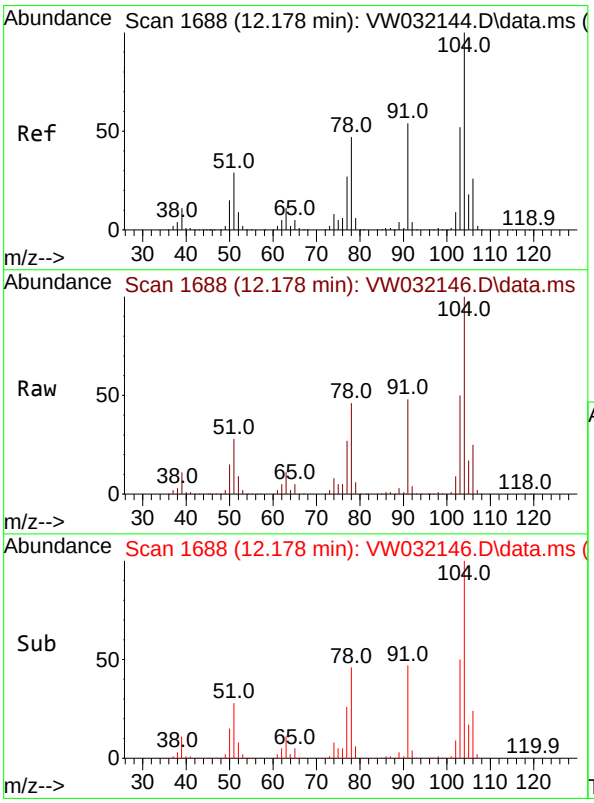
Ion	Ratio	Lower	Upper
106	100		
91	208.7	108.7	326.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

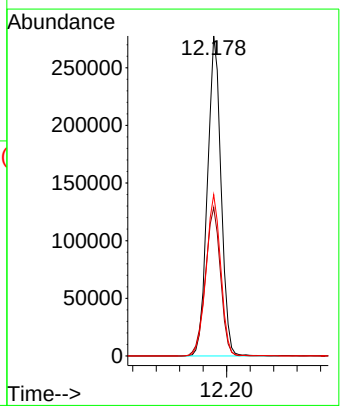
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

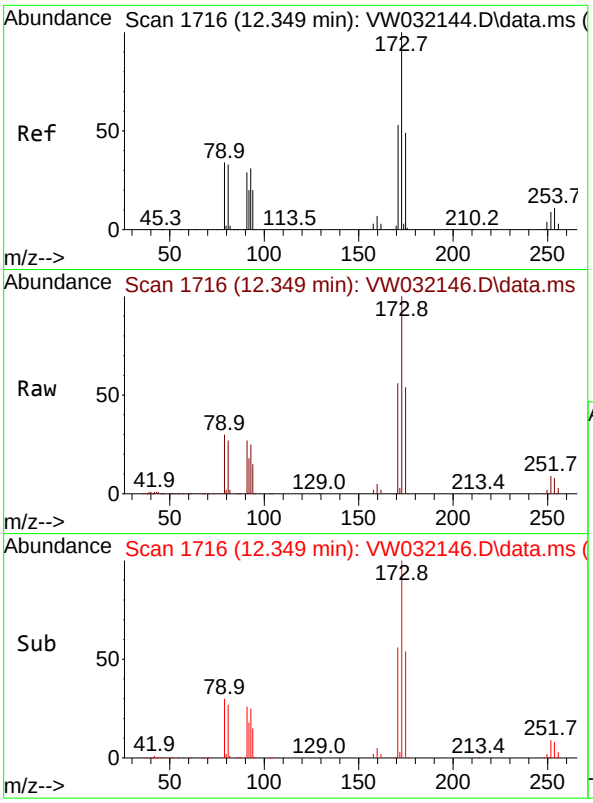


#70
Styrene
Concen: 52.371 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:104 Resp: 445155

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.6	62.4
103	54.2	44.8	67.2

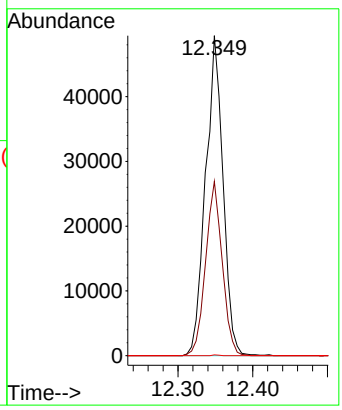




#71
Bromoform
Concen: 50.601 ug/l
RT: 12.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:173 Resp: 7998

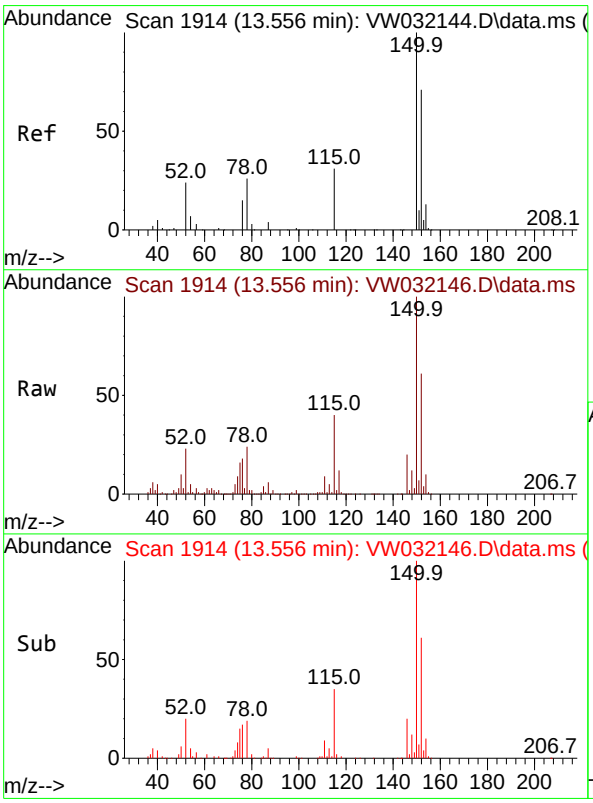
Ion	Ratio	Lower	Upper
173	100		
175	52.0	24.9	74.7
254	0.1	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

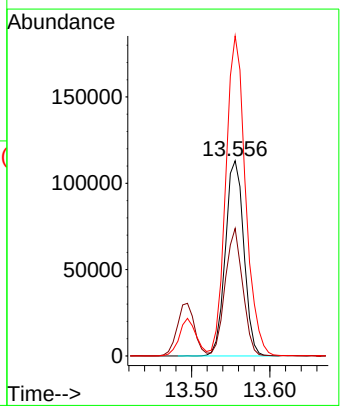
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

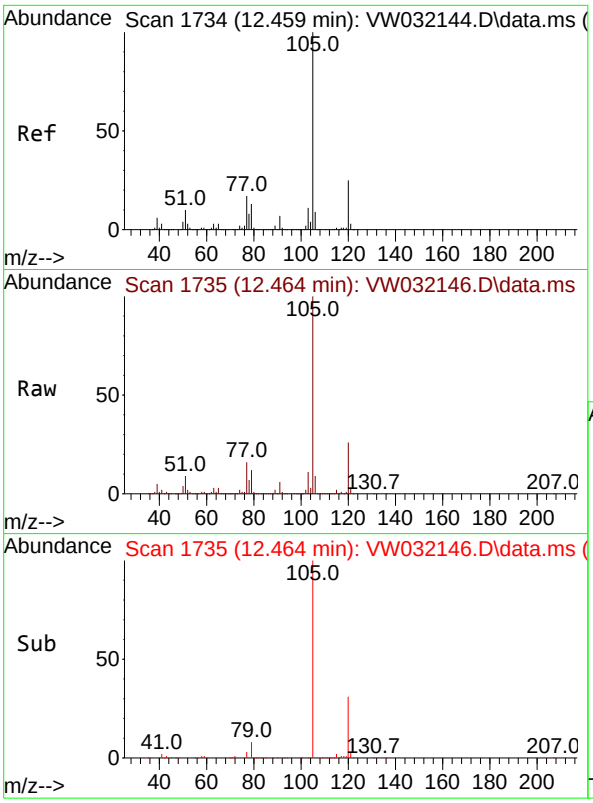


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:152 Resp: 185134

Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.8	95.4
150	175.3	0.0	343.0

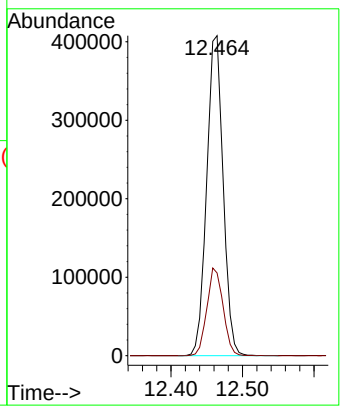




#73
Isopropylbenzene
Concen: 51.711 ug/l
RT: 12.464 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:105 Resp: 65039

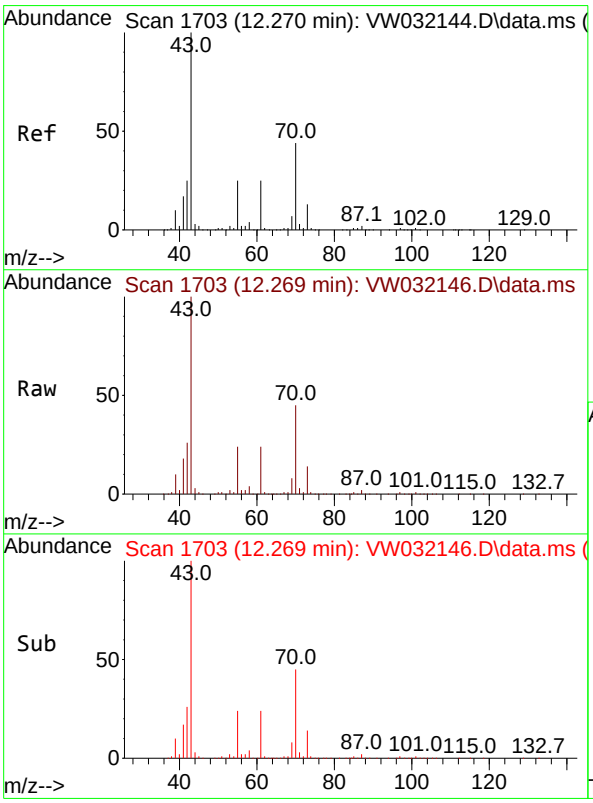
Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.0	38.9



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

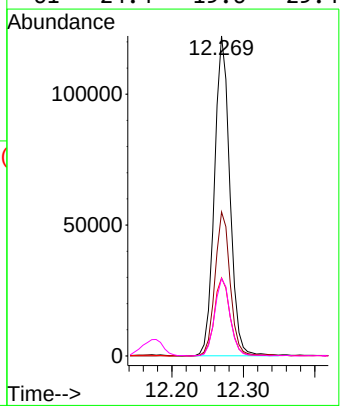
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

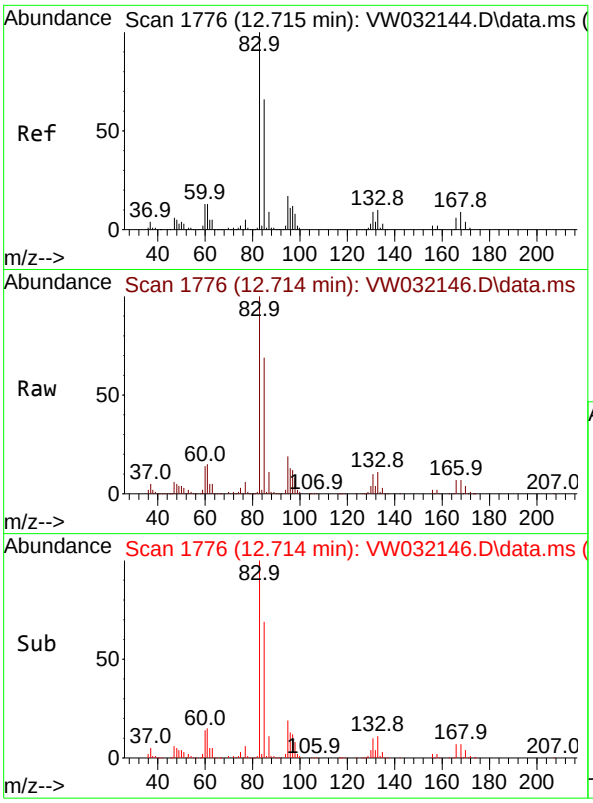


#74
N-amyl acetate
Concen: 50.061 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 43 Resp: 182802

Ion	Ratio	Lower	Upper
43	100		
70	44.1	35.3	52.9
55	24.9	19.9	29.9
61	24.4	19.6	29.4

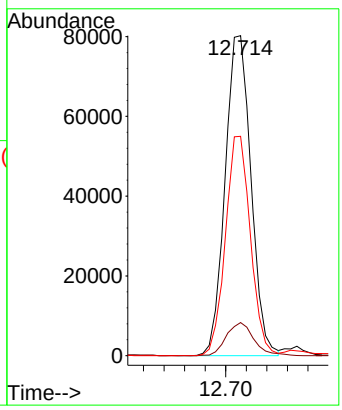




#75
1,1,2,2-Tetrachloroethane
Concen: 46.980 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 83 Resp: 14042

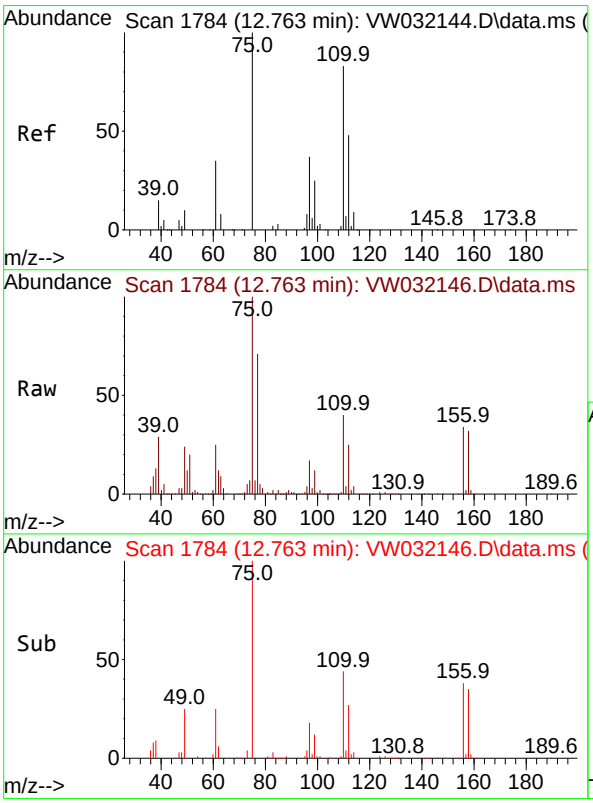
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.1	15.4
85	66.2	32.2	96.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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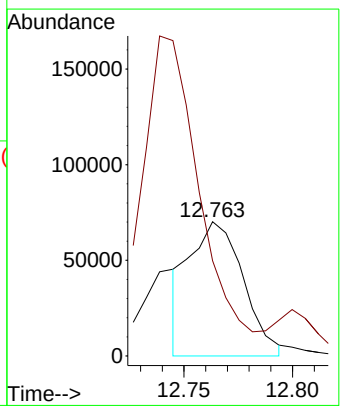
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

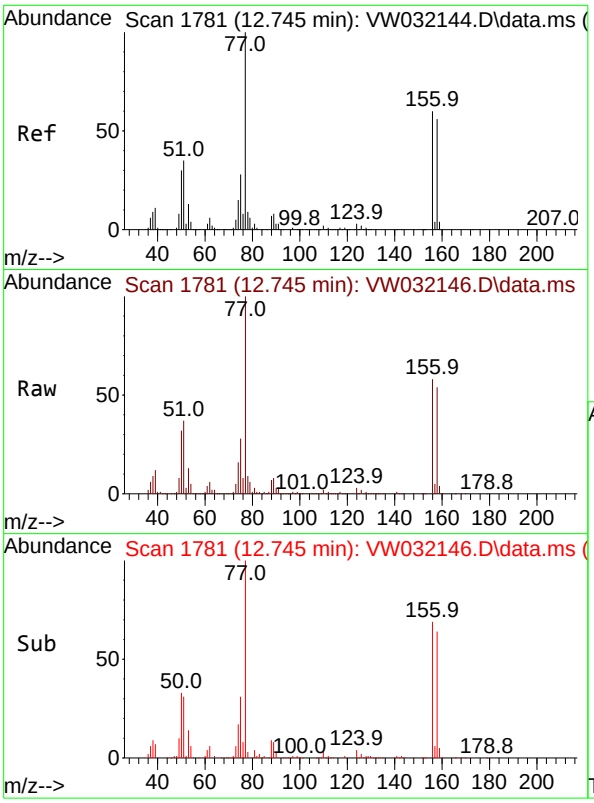


#76
1,2,3-Trichloropropane
Concen: 52.182 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 121030

Ion	Ratio	Lower	Upper
75	100		
77	0.0	141.7	425.1#





#77
Bromobenzene
Concen: 49.609 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

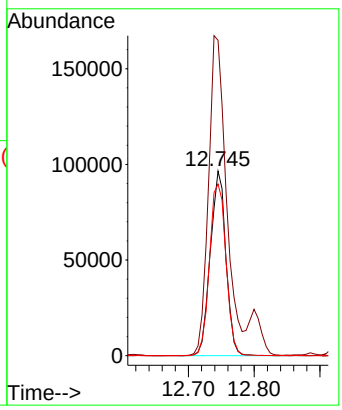
Tgt Ion:156 Resp: 15911

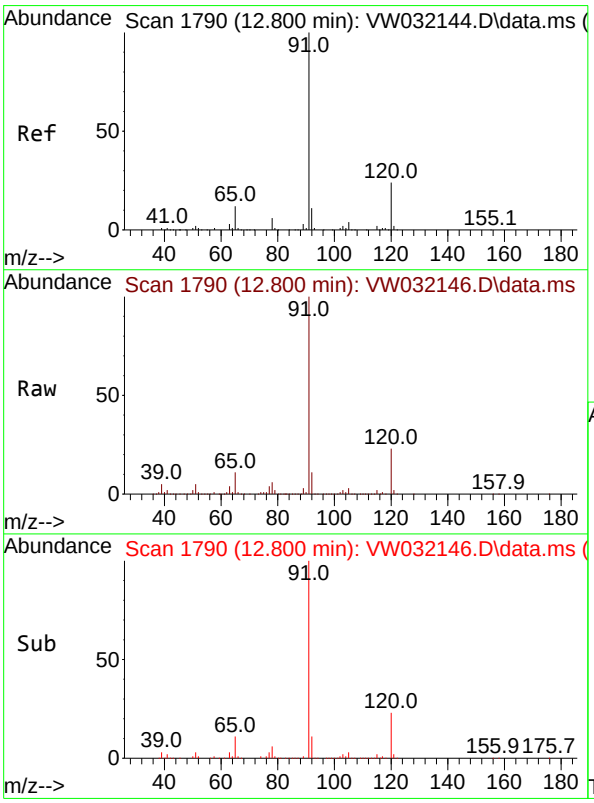
Ion	Ratio	Lower	Upper
156	100		
77	196.6	98.6	295.7
158	98.6	48.4	145.0

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

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Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

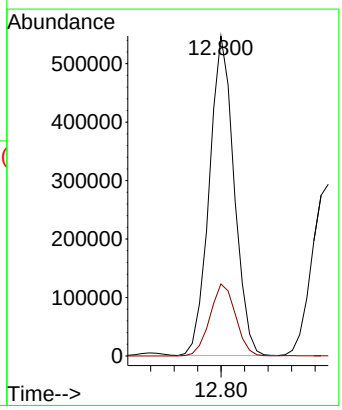


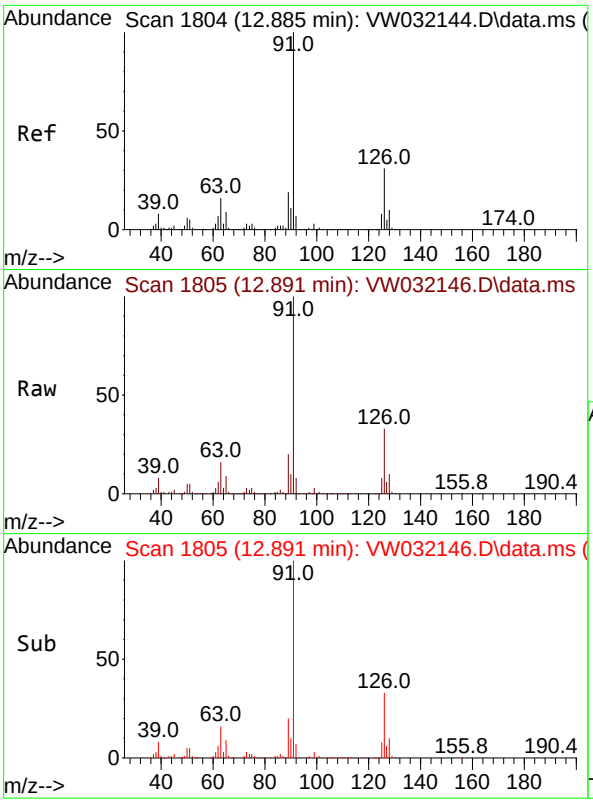


#78
n-propylbenzene
Concen: 52.469 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 91 Resp: 801192

Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.8	35.4

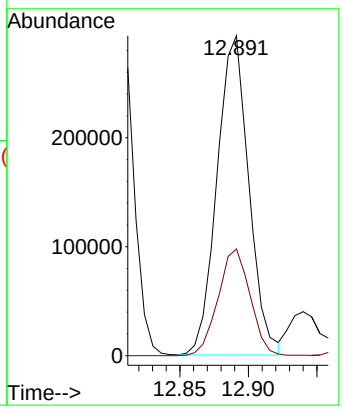




#79
2-Chlorotoluene
Concen: 50.751 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 91 Resp: 47388

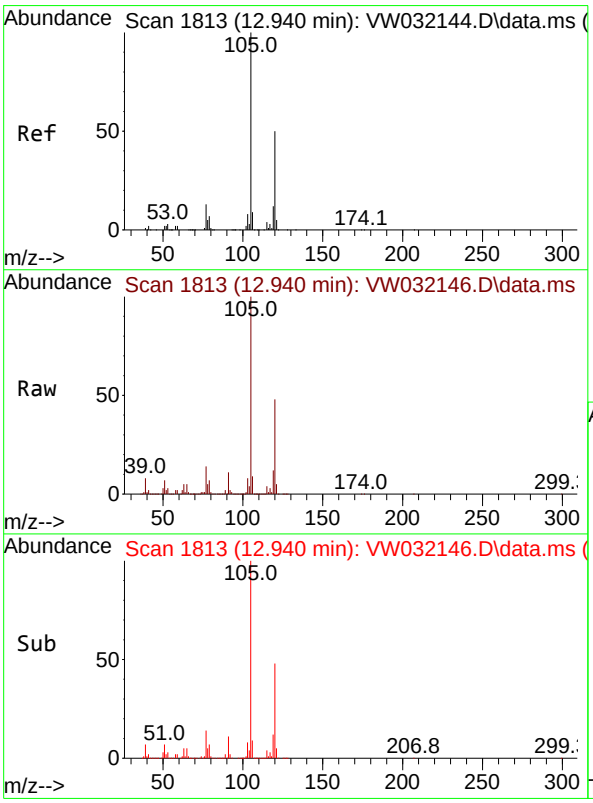
Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.6	49.7



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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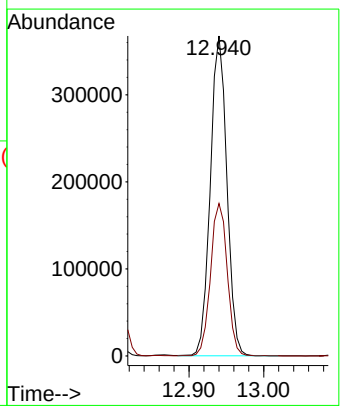
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

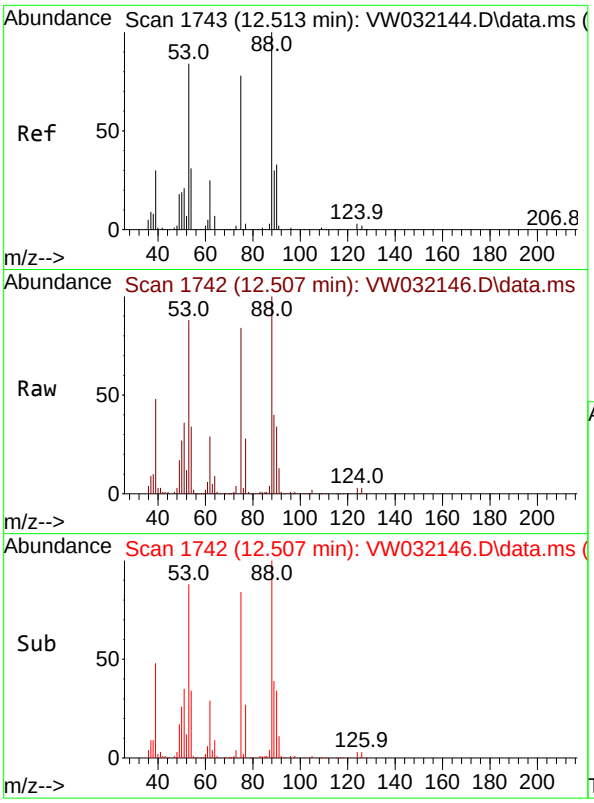


#80
1,3,5-Trimethylbenzene
Concen: 53.066 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:105 Resp: 565093

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.8	74.4

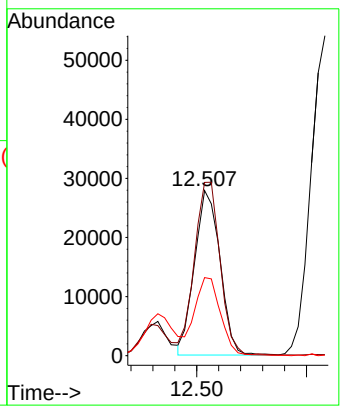




#81
trans-1,4-Dichloro-2-butene
Concen: 52.219 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 4498

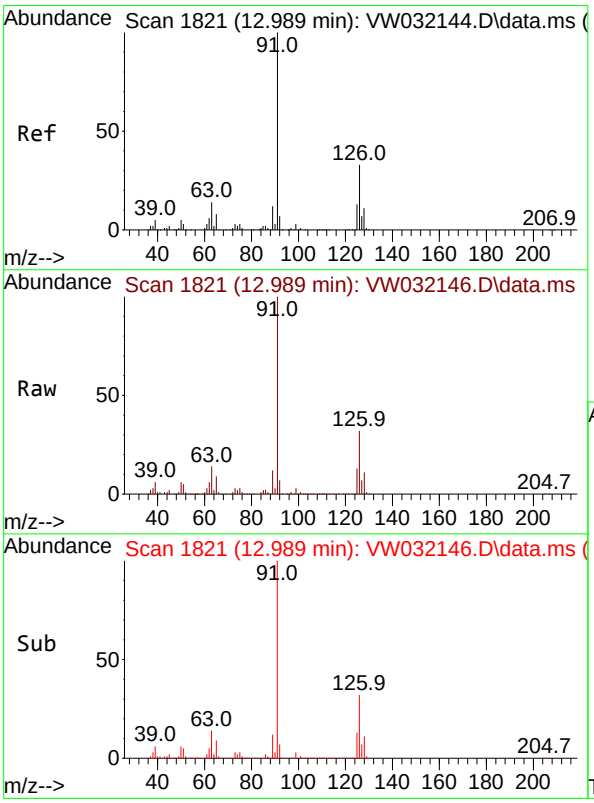
Ion	Ratio	Lower	Upper
75	100		
53	105.0	91.0	136.6
89	47.3	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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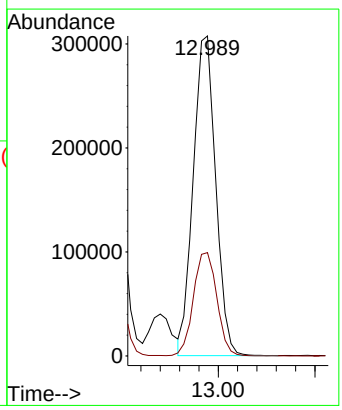
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

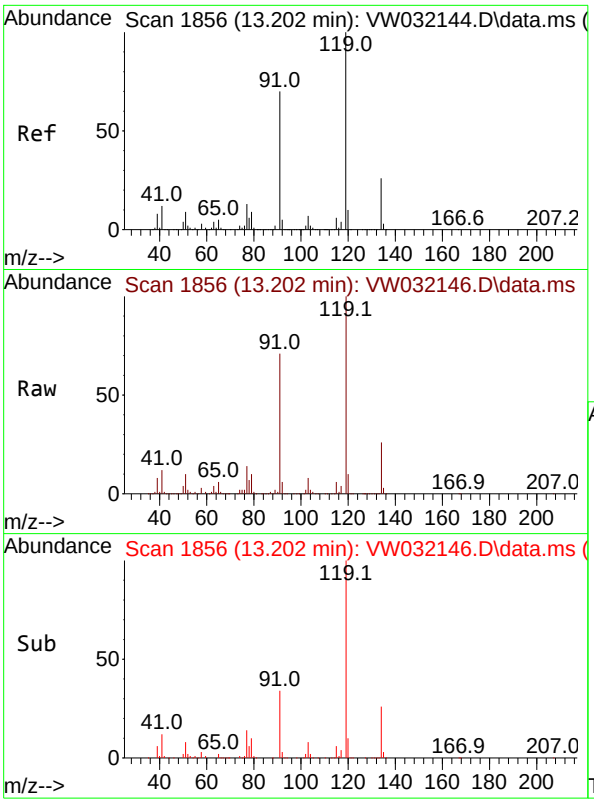


#82
4-Chlorotoluene
Concen: 49.587 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 91 Resp: 495627

Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.1	48.2

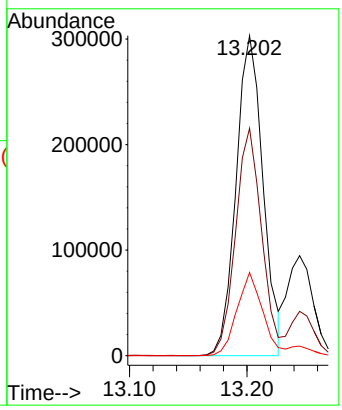




#83
tert-Butylbenzene
Concen: 53.512 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:119 Resp: 48316

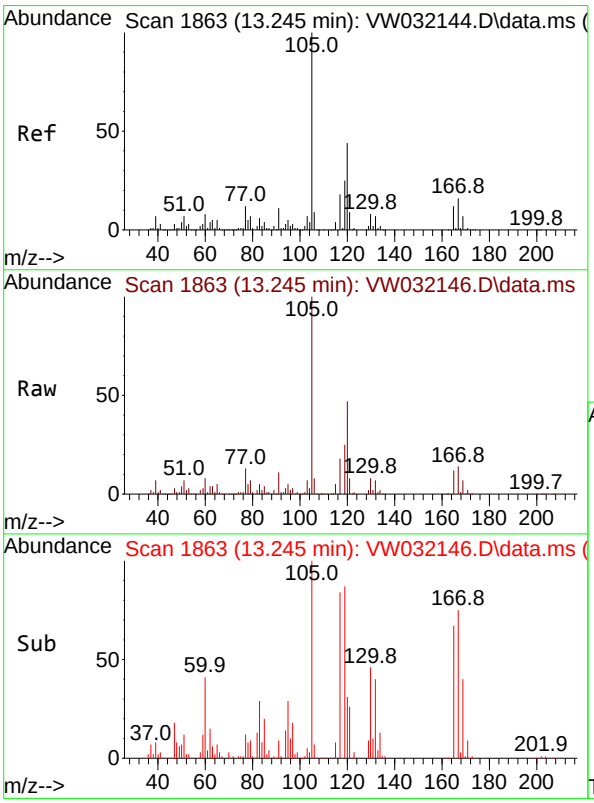
Ion	Ratio	Lower	Upper
119	100		
91	68.4	33.8	101.3
134	24.9	12.5	37.5



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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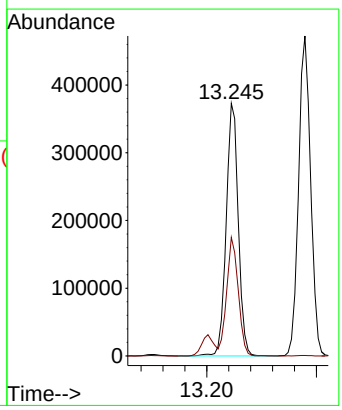
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

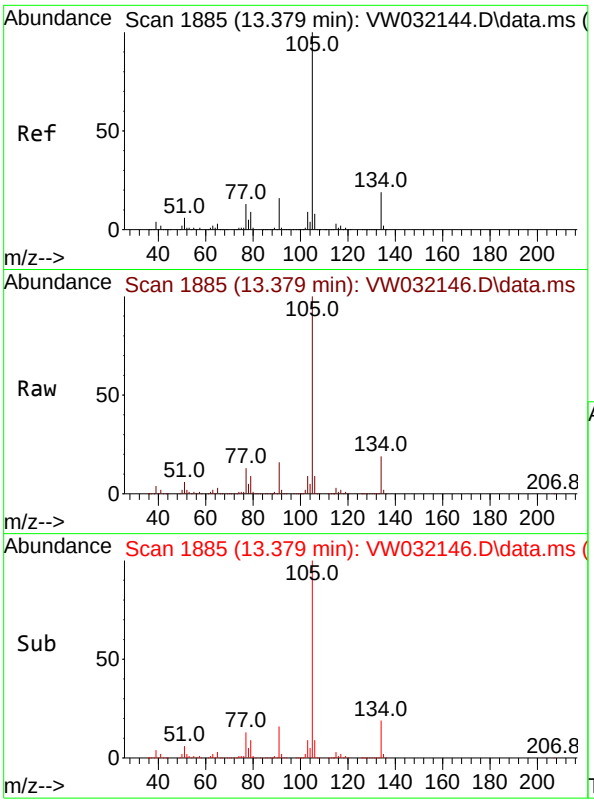


#84
1,2,4-Trimethylbenzene
Concen: 51.884 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:105 Resp: 571607

Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.1	66.3





#85
sec-Butylbenzene
Concen: 53.088 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

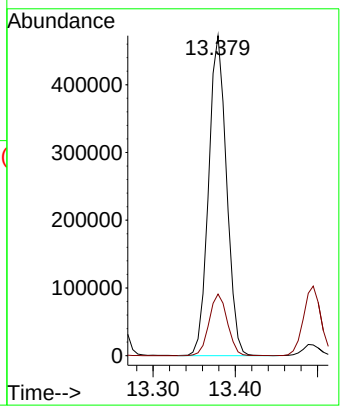
Tgt Ion:105 Resp: 71565

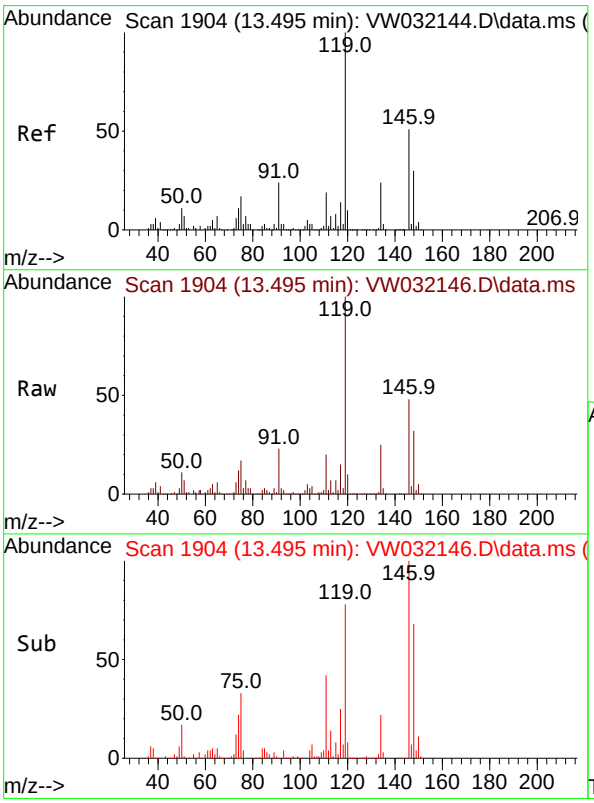
Ion	Ratio	Lower	Upper
105	100		
134	19.6	10.1	30.1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

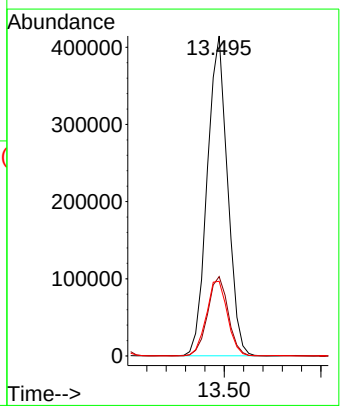


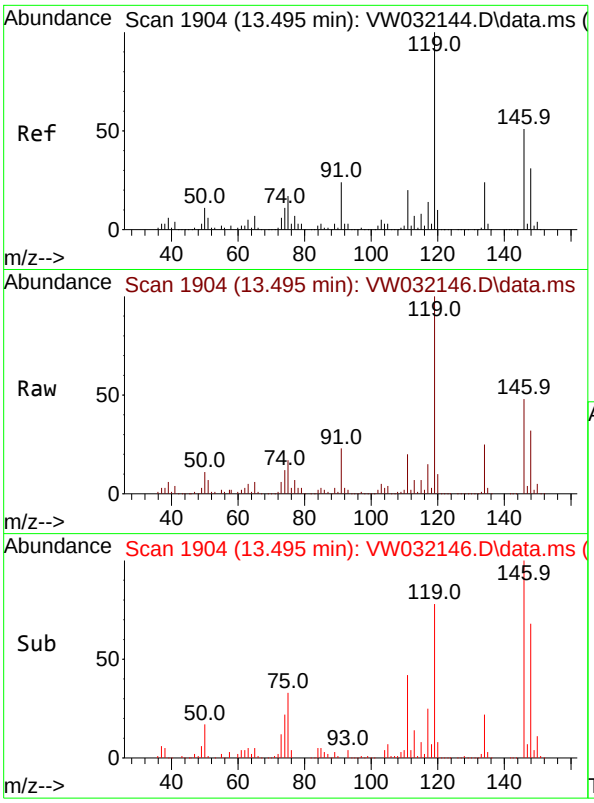


#86
p-Isopropyltoluene
Concen: 52.722 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:119 Resp: 604413

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.6	37.6
91	24.4	12.4	37.0

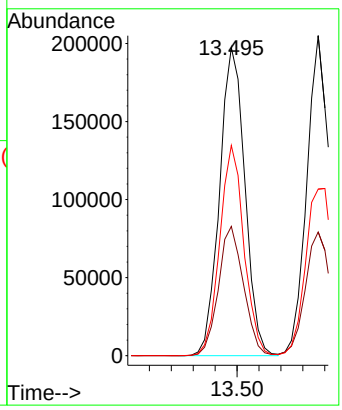




#87
1,3-Dichlorobenzene
Concen: 49.012 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:146 Resp: 31651

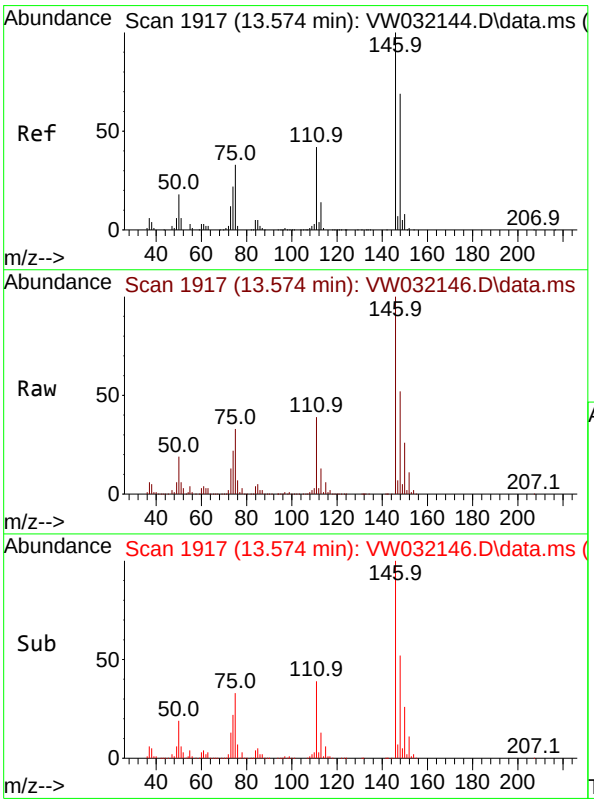
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.6	61.9
148	65.3	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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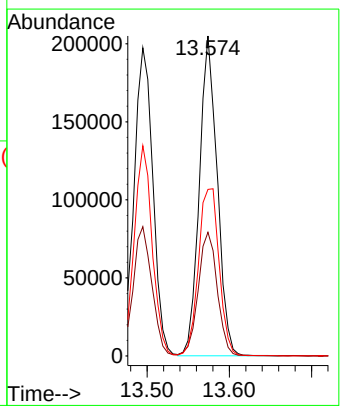
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

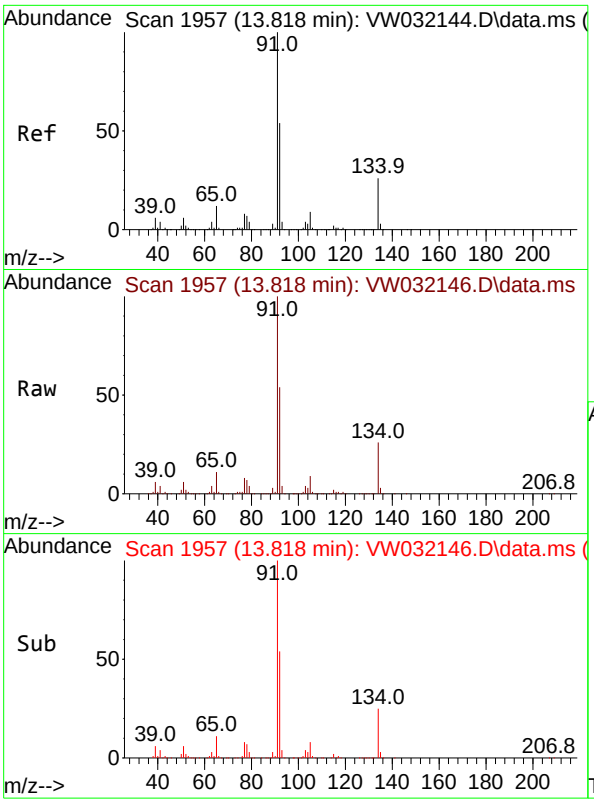


#88
1,4-Dichlorobenzene
Concen: 47.819 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:146 Resp: 309536

Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.7
148	60.6	33.4	100.1

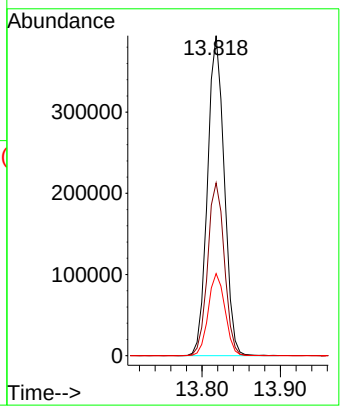




#89
n-Butylbenzene
Concen: 53.415 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 91 Resp: 58381

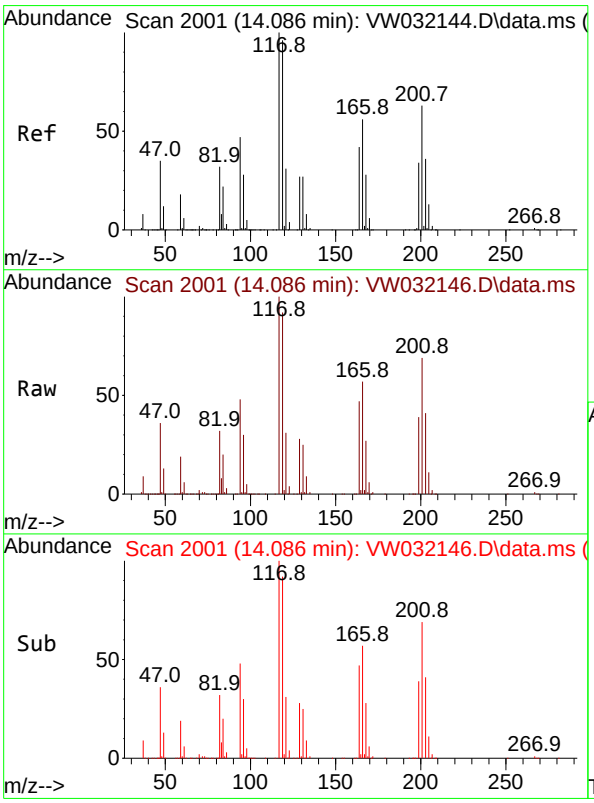
Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	81.0
134	25.7	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
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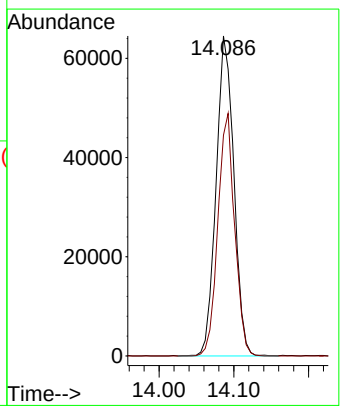
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

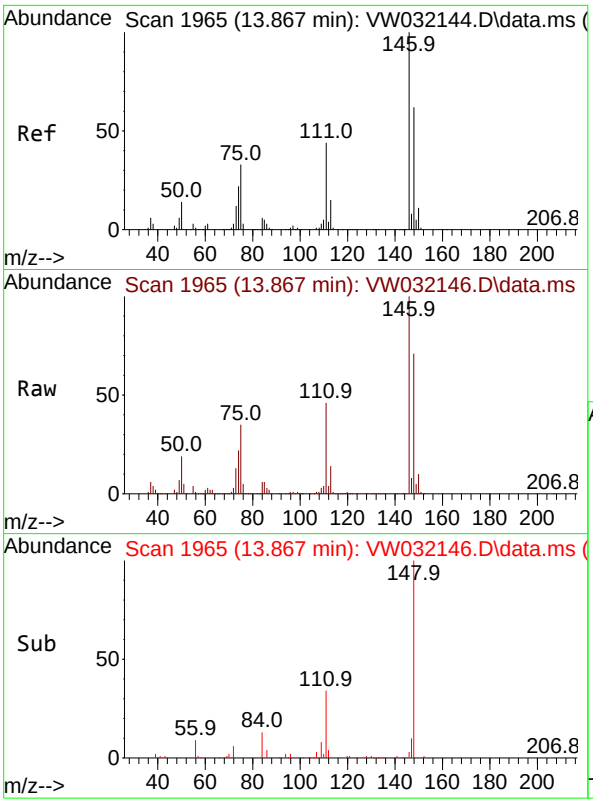


#90
Hexachloroethane
Concen: 50.748 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:117 Resp: 106416

Ion	Ratio	Lower	Upper
117	100		
201	71.8	32.8	98.4

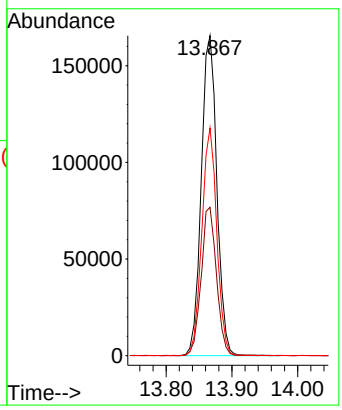




#91
1,2-Dichlorobenzene
Concen: 47.762 ug/l
RT: 13.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:146 Resp: 27308

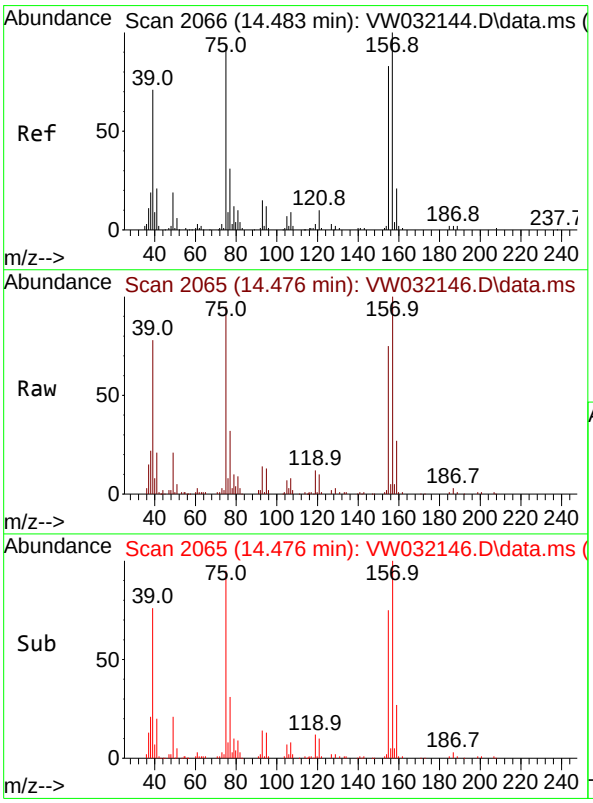
Ion	Ratio	Lower	Upper
146	100		
111	45.5	23.4	70.0
148	68.3	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

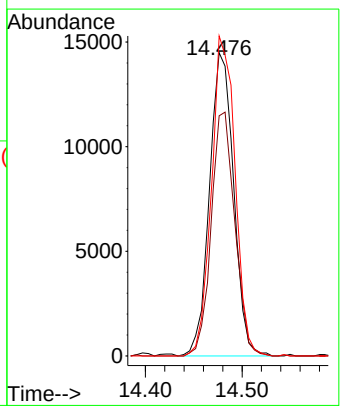
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

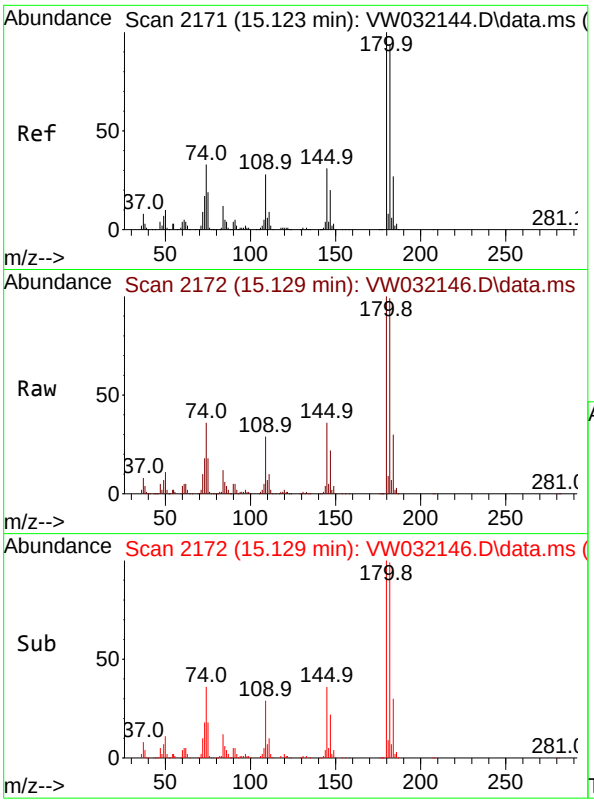


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.585 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion: 75 Resp: 25127

Ion	Ratio	Lower	Upper
75	100		
155	78.6	40.8	122.5
157	102.9	51.8	155.4

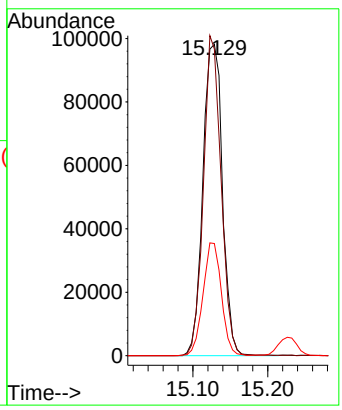




#93
1,2,4-Trichlorobenzene
Concen: 48.833 ug/l
RT: 15.129 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:180 Resp: 17838

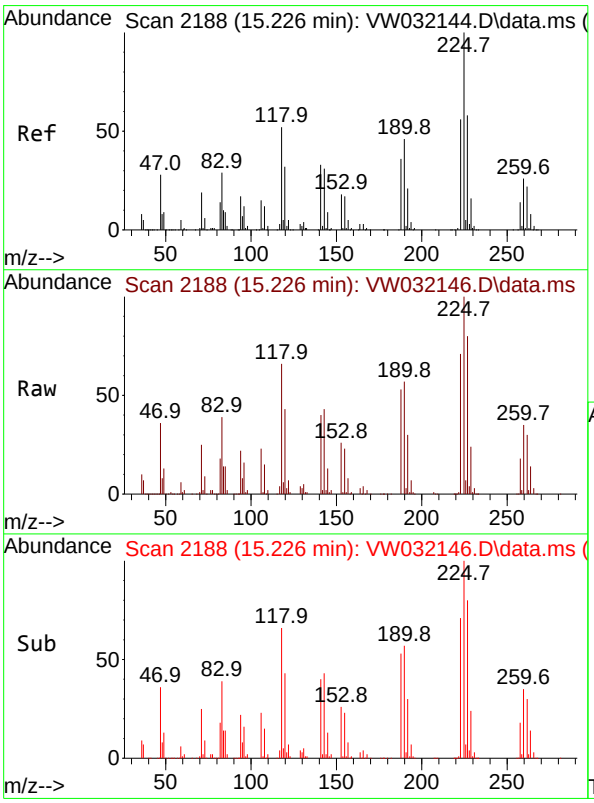
Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.4	142.2
145	34.2	16.4	49.1



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations
APPROVED

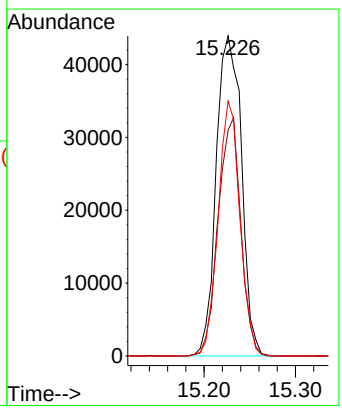
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025

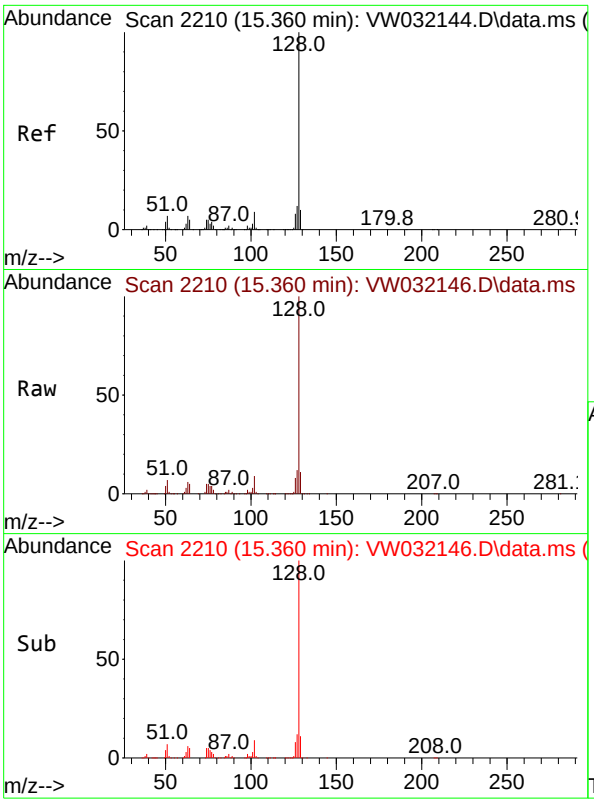


#94
Hexachlorobutadiene
Concen: 46.448 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:225 Resp: 84151

Ion	Ratio	Lower	Upper
225	100		
223	67.0	29.8	89.3
227	69.1	30.5	91.5

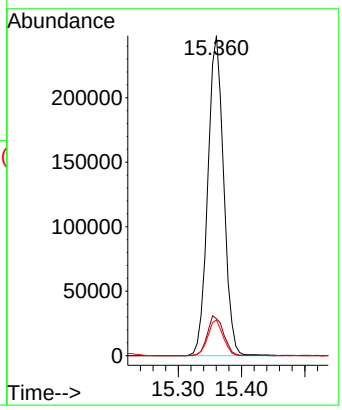




#95
Naphthalene
Concen: 52.201 ug/l
RT: 15.360 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:128 Resp: 43156

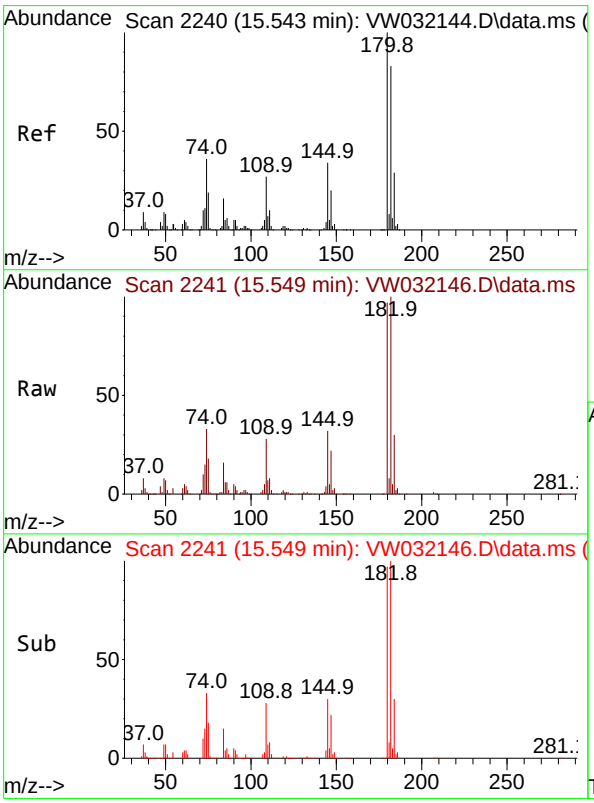
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Manual Integrations APPROVED

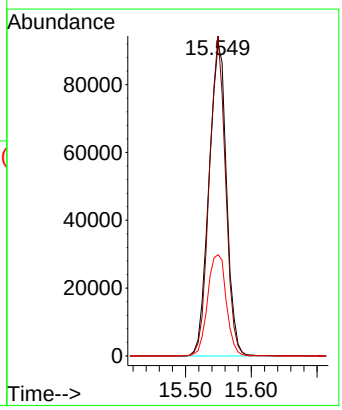
Reviewed By :Mahesh Dadoda 08/27/2025
Supervised By :Semsettin Yesilyurt 08/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.408 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032146.D
Acq: 26 Aug 2025 13:55

Tgt Ion:180 Resp: 171251

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.7	143.1
145	34.4	17.2	51.6



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	114	0.00
2	T	Dichlorodifluoromethane	0.330	0.300	9.1	109	0.00
3	P	Chloromethane	0.346	0.316	8.7	106	0.00
4	C	Vinyl Chloride	0.450	0.416	7.6#	107	0.00
5	T	Bromomethane	0.401	0.352	12.2	107	0.00
6	T	Chloroethane	0.317	0.286	9.8	102	0.00
7	T	Trichlorofluoromethane	0.445	0.405	9.0	96	0.00
8	T	Diethyl Ether	0.332	0.293	11.7	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.502	0.492	2.0	111	0.00
10	T	Methyl Iodide	0.764	0.708	7.3	107	0.00
11	T	Tert butyl alcohol	0.044	0.039	11.4	100	0.00
12	CM	1,1-Dichloroethene	0.528	0.513	2.8#	109	0.00
13	T	Acrolein	0.067	0.055	17.9	94	0.00
14	T	Allyl chloride	0.751	0.737	1.9	109	0.00
15	T	Acrylonitrile	0.162	0.151	6.8	105	0.00
16	T	Acetone	0.155	0.162	-4.5	117	0.00
17	T	Carbon Disulfide	1.322	1.287	2.6	108	0.00
18	T	Methyl Acetate	0.493	0.450	8.7	99	0.00
19	T	Methyl tert-butyl Ether	0.998	0.966	3.2	105	0.00
20	T	Methylene Chloride	0.725	0.604	16.7	107	-0.01
21	T	trans-1,2-Dichloroethene	0.590	0.566	4.1	106	0.00
22	T	Diisopropyl ether	1.634	1.602	2.0	106	0.00
23	T	Vinyl Acetate	1.111	1.088	2.1	105	0.00
24	P	1,1-Dichloroethane	1.070	0.989	7.6	102	0.00
25	T	2-Butanone	0.219	0.218	0.5	110	0.00
26	T	2,2-Dichloropropane	0.566	0.580	-2.5	108	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.679	5.4	104	0.00
28	T	Bromochloromethane	0.490	0.439	10.4	103	0.00
29	T	Tetrahydrofuran	0.139	0.129	7.2	103	0.00
30	C	Chloroform	1.221	1.151	5.7#	105	0.00
31	T	Cyclohexane	0.878	0.819	6.7	108	0.00
32	T	1,1,1-Trichloroethane	0.891	0.869	2.5	108	0.00
33	S	1,2-Dichloroethane-d4	0.715	0.601	15.9	98	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
35	S	Dibromofluoromethane	0.351	0.304	13.4	98	0.00
36	T	1,1-Dichloropropene	0.455	0.458	-0.7	105	0.00
37	T	Ethyl Acetate	0.273	0.263	3.7	103	0.00
38	T	Carbon Tetrachloride	0.488	0.498	-2.0	106	0.00
39	T	Methylcyclohexane	0.539	0.587	-8.9	110	0.00
40	TM	Benzene	1.406	1.390	1.1	106	0.00
41	T	Methacrylonitrile	0.152	0.151	0.7	111	0.00
42	TM	1,2-Dichloroethane	0.487	0.472	3.1	105	0.00
43	T	Isopropyl Acetate	0.512	0.497	2.9	102	0.00
44	TM	Trichloroethene	0.354	0.357	-0.8	111	0.00
45	C	1,2-Dichloropropane	0.339	0.326	3.8#	102	0.00
46	T	Dibromomethane	0.238	0.225	5.5	105	0.00
47	T	Bromodichloromethane	0.540	0.524	3.0	102	0.00
48	T	Methyl methacrylate	0.236	0.232	1.7	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	113	0.00
50	S	Toluene-d8	1.231	1.121	8.9	98	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.284	1.7	104	0.00
52	CM	Toluene	0.919	0.896	2.5#	103	0.00
53	T	t-1,3-Dichloropropene	0.477	0.490	-2.7	106	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.544	0.0	103	0.00
55	T	1,1,2-Trichloroethane	0.309	0.284	8.1	102	0.00
56	T	Ethyl methacrylate	0.395	0.406	-2.8	104	0.00
57	T	1,3-Dichloropropane	0.518	0.503	2.9	106	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.197	6.6	102	0.00
59	T	2-Hexanone	0.201	0.208	-3.5	108	0.00
60	T	Dibromochloromethane	0.374	0.368	1.6	103	0.00
61	T	1,2-Dibromoethane	0.304	0.293	3.6	102	0.00
62	S	4-Bromofluorobenzene	0.455	0.410	9.9	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64	T	Tetrachloroethene	0.329	0.346	-5.2	110	0.00
65	PM	Chlorobenzene	1.138	1.104	3.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	0.375	0.379	-1.1	106	0.00
67	C	Ethyl Benzene	1.865	1.987	-6.5#	110	0.00
68	T	m/p-Xylenes	0.718	0.753	-4.9	106	0.00
69	T	o-Xylene	0.679	0.724	-6.6	108	0.00
70	T	Styrene	1.197	1.253	-4.7	106	0.00
71	P	Bromoform	0.223	0.225	-0.9	106	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73	T	Isopropylbenzene	3.397	3.513	-3.4	106	0.00
74	T	N-amyl acetate	0.986	0.987	-0.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	0.807	0.759	5.9	102	0.00
76	T	1,2,3-Trichloropropane	0.626	0.654	-4.5	117	0.00
77	T	Bromobenzene	0.866	0.859	0.8	103	0.00
78	T	n-propylbenzene	4.124	4.328	-4.9	108	0.00
79	T	2-Chlorotoluene	2.522	2.560	-1.5	106	0.00
80	T	1,3,5-Trimethylbenzene	2.876	3.052	-6.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	0.233	0.243	-4.3	107	0.00
82	T	4-Chlorotoluene	2.699	2.677	0.8	102	0.00
83	T	tert-Butylbenzene	2.439	2.610	-7.0	105	0.00
84	T	1,2,4-Trimethylbenzene	2.975	3.088	-3.8	105	0.00
85	T	sec-Butylbenzene	3.641	3.866	-6.2	107	0.00
86	T	p-Isopropyltoluene	3.096	3.265	-5.5	106	0.00
87	T	1,3-Dichlorobenzene	1.744	1.710	1.9	103	0.00
88	T	1,4-Dichlorobenzene	1.748	1.672	4.3	104	0.00
89	T	n-Butylbenzene	2.952	3.153	-6.8	108	0.00
90	T	Hexachloroethane	0.566	0.575	-1.6	108	0.00
91	T	1,2-Dichlorobenzene	1.544	1.475	4.5	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.143	0.136	4.9	106	0.00
93	T	1,2,4-Trichlorobenzene	0.987	0.964	2.3	101	0.00
94	T	Hexachlorobutadiene	0.489	0.455	7.0	94	0.00
95	T	Naphthalene	2.233	2.331	-4.4	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	0.918	0.925	-0.8	109	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	114	0.00
2	T	Dichlorodifluoromethane	50.000	45.493	9.0	109	0.00
3	P	Chloromethane	50.000	45.600	8.8	106	0.00
4	C	Vinyl Chloride	50.000	46.293	7.4#	107	0.00
5	T	Bromomethane	50.000	43.886	12.2	107	0.00
6	T	Chloroethane	50.000	45.145	9.7	102	0.00
7	T	Trichlorofluoromethane	50.000	45.452	9.1	96	0.00
8	T	Diethyl Ether	50.000	44.114	11.8	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.024	2.0	111	0.00
10	T	Methyl Iodide	50.000	46.309	7.4	107	0.00
11	T	Tert butyl alcohol	250.000	223.294	10.7	100	0.00
12	CM	1,1-Dichloroethene	50.000	48.515	3.0#	109	0.00
13	T	Acrolein	250.000	204.279	18.3	94	0.00
14	T	Allyl chloride	50.000	49.124	1.8	109	0.00
15	T	Acrylonitrile	250.000	233.915	6.4	105	0.00
16	T	Acetone	250.000	260.957	-4.4	117	0.00
17	T	Carbon Disulfide	50.000	48.692	2.6	108	0.00
18	T	Methyl Acetate	50.000	45.567	8.9	99	0.00
19	T	Methyl tert-butyl Ether	50.000	48.426	3.1	105	0.00
20	T	Methylene Chloride	50.000	47.403	5.2	107	-0.01
21	T	trans-1,2-Dichloroethene	50.000	47.921	4.2	106	0.00
22	T	Diisopropyl ether	50.000	49.029	1.9	106	0.00
23	T	Vinyl Acetate	250.000	244.903	2.0	105	0.00
24	P	1,1-Dichloroethane	50.000	46.223	7.6	102	0.00
25	T	2-Butanone	250.000	248.853	0.5	110	0.00
26	T	2,2-Dichloropropane	50.000	51.190	-2.4	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.237	5.5	104	0.00
28	T	Bromochloromethane	50.000	44.789	10.4	103	0.00
29	T	Tetrahydrofuran	250.000	230.667	7.7	103	0.00
30	C	Chloroform	50.000	47.122	5.8#	105	0.00
31	T	Cyclohexane	50.000	46.650	6.7	108	0.00
32	T	1,1,1-Trichloroethane	50.000	48.756	2.5	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.992	16.0	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35	S	Dibromofluoromethane	50.000	43.264	13.5	98	0.00
36	T	1,1-Dichloropropene	50.000	50.360	-0.7	105	0.00
37	T	Ethyl Acetate	50.000	48.241	3.5	103	0.00
38	T	Carbon Tetrachloride	50.000	51.066	-2.1	106	0.00
39	T	Methylcyclohexane	50.000	54.492	-9.0	110	0.00
40	TM	Benzene	50.000	49.427	1.1	106	0.00
41	T	Methacrylonitrile	50.000	49.922	0.2	111	0.00
42	TM	1,2-Dichloroethane	50.000	48.444	3.1	105	0.00
43	T	Isopropyl Acetate	50.000	48.555	2.9	102	0.00
44	TM	Trichloroethene	50.000	50.438	-0.9	111	0.00
45	C	1,2-Dichloropropane	50.000	48.110	3.8#	102	0.00
46	T	Dibromomethane	50.000	47.269	5.5	105	0.00
47	T	Bromodichloromethane	50.000	48.496	3.0	102	0.00
48	T	Methyl methacrylate	50.000	49.232	1.5	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	1060.060	-6.0	113	0.00
50	S	Toluene-d8	50.000	45.510	9.0	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.021	1.6	104	0.00
52	CM	Toluene	50.000	48.788	2.4#	103	0.00
53	T	t-1,3-Dichloropropene	50.000	51.459	-2.9	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.066	-0.1	103	0.00
55	T	1,1,2-Trichloroethane	50.000	45.940	8.1	102	0.00
56	T	Ethyl methacrylate	50.000	51.392	-2.8	104	0.00
57	T	1,3-Dichloropropane	50.000	48.602	2.8	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	232.934	6.8	102	0.00
59	T	2-Hexanone	250.000	258.687	-3.5	108	0.00
60	T	Dibromochloromethane	50.000	49.161	1.7	103	0.00
61	T	1,2-Dibromoethane	50.000	48.223	3.6	102	0.00
62	S	4-Bromofluorobenzene	50.000	44.975	10.0	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
64	T	Tetrachloroethene	50.000	52.531	-5.1	110	0.00
65	PM	Chlorobenzene	50.000	48.501	3.0	104	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.593	-1.2	106	0.00
67	C	Ethyl Benzene	50.000	53.267	-6.5#	110	0.00
68	T	m/p-Xylenes	100.000	104.945	-4.9	106	0.00
69	T	o-Xylene	50.000	53.311	-6.6	108	0.00
70	T	Styrene	50.000	52.371	-4.7	106	0.00
71	P	Bromoform	50.000	50.601	-1.2	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	114	0.00
73	T	Isopropylbenzene	50.000	51.711	-3.4	106	0.00
74	T	N-amyl acetate	50.000	50.061	-0.1	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.980	6.0	102	0.00
76	T	1,2,3-Trichloropropane	50.000	52.182	-4.4	117	0.00
77	T	Bromobenzene	50.000	49.609	0.8	103	0.00
78	T	n-propylbenzene	50.000	52.469	-4.9	108	0.00
79	T	2-Chlorotoluene	50.000	50.751	-1.5	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.066	-6.1	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.219	-4.4	107	0.00
82	T	4-Chlorotoluene	50.000	49.587	0.8	102	0.00
83	T	tert-Butylbenzene	50.000	53.512	-7.0	105	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.884	-3.8	105	0.00
85	T	sec-Butylbenzene	50.000	53.088	-6.2	107	0.00
86	T	p-Isopropyltoluene	50.000	52.722	-5.4	106	0.00
87	T	1,3-Dichlorobenzene	50.000	49.012	2.0	103	0.00
88	T	1,4-Dichlorobenzene	50.000	47.819	4.4	104	0.00
89	T	n-Butylbenzene	50.000	53.415	-6.8	108	0.00
90	T	Hexachloroethane	50.000	50.748	-1.5	108	0.00
91	T	1,2-Dichlorobenzene	50.000	47.762	4.5	108	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.585	4.8	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.833	2.3	101	0.00
94	T	Hexachlorobutadiene	50.000	46.448	7.1	94	0.00
95	T	Naphthalene	50.000	52.201	-4.4	108	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032146.D
Acq On : 26 Aug 2025 13:55
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW082625

Quant Time: Aug 27 04:20:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	50.408	-0.8	109	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q3178

Instrument ID: MSVOA_W Calibration Date(s): 09/25/2025 09/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:45 13:08

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW032258.D RRF010 = VW032259.D RRF020 = VW032260.D
RRF050 = VW032261.D RRF100 = VW032262.D RRF150 = VW032263.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.388	0.399	0.397	0.295	0.295	0.299	0.345	15.6
Chloromethane	0.540	0.557	0.548	0.423	0.439	0.459	0.494	12.3
Vinyl Chloride	0.611	0.628	0.654	0.537	0.514	0.522	0.578	10.5
Bromomethane	0.403	0.424	0.435	0.367	0.360	0.377	0.394	7.9
Chloroethane	0.416	0.408	0.434	0.359	0.356	0.376	0.391	8.3
Trichlorofluoromethane	0.399	0.417	0.519	0.383	0.438	0.455	0.435	11.2
1,1,2-Trichlorotrifluoroethane	0.593	0.587	0.625	0.526	0.495	0.508	0.556	9.5
1,1-Dichloroethene	0.595	0.633	0.670	0.551	0.550	0.565	0.594	8.2
Acetone	0.216	0.252	0.242	0.164	0.162	0.180	0.203	19.6
Carbon Disulfide	1.364	1.439	1.543	1.260	1.262	1.324	1.365	8.1
Methyl tert-butyl Ether	1.055	1.094	1.201	1.071	1.060	1.123	1.101	5
Methyl Acetate	0.637	0.602	0.639	0.738	0.749	0.818	0.697	12
Methylene Chloride	1.758	1.269	0.843	0.747	0.661	0.666	0.991	44.3
trans-1,2-Dichloroethene	0.633	0.668	0.703	0.605	0.602	0.630	0.640	6
1,1-Dichloroethane	1.313	1.343	1.418	1.232	1.201	1.250	1.293	6.2
Cyclohexane	1.132	1.088	1.139	0.912	0.912	0.933	1.019	10.9
2-Butanone	0.282	0.300	0.307	0.252	0.260	0.296	0.283	7.9
Carbon Tetrachloride	0.442	0.462	0.505	0.447	0.452	0.429	0.456	5.8
cis-1,2-Dichloroethene	0.803	0.821	0.843	0.763	0.760	0.789	0.796	4.1
Bromochloromethane	0.662	0.629	0.656	0.589	0.586	0.579	0.617	6
Chloroform	1.400	1.413	1.489	1.286	1.227	1.278	1.349	7.4
1,1,1-Trichloroethane	0.927	0.946	0.985	0.873	0.852	0.869	0.909	5.7
Methylcyclohexane	0.507	0.545	0.596	0.569	0.584	0.564	0.561	5.7
Benzene	1.503	1.545	1.639	1.516	1.515	1.438	1.526	4.3
1,2-Dichloroethane	0.545	0.518	0.537	0.486	0.488	0.470	0.507	6
Trichloroethene	0.343	0.371	0.382	0.346	0.359	0.339	0.357	4.7
1,2-Dichloropropane	0.391	0.408	0.423	0.393	0.384	0.372	0.395	4.5
Bromodichloromethane	0.549	0.544	0.577	0.558	0.557	0.541	0.554	2.4
4-Methyl-2-Pentanone	0.327	0.346	0.370	0.324	0.338	0.342	0.341	4.8
Toluene	0.894	0.955	1.010	0.937	0.963	0.916	0.946	4.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG No.: Q3178

Instrument ID: MSVOA_W Calibration Date(s): 09/25/2025 09/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 10:45 13:08

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW032258.D RRF010 = VW032259.D RRF020 = VW032260.D
RRF050 = VW032261.D RRF100 = VW032262.D RRF150 = VW032263.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.440	0.478	0.521	0.507	0.554	0.547	0.508	8.5
cis-1,3-Dichloropropene	0.525	0.558	0.618	0.590	0.614	0.611	0.586	6.4
1,1,2-Trichloroethane	0.343	0.339	0.359	0.316	0.316	0.318	0.332	5.4
2-Hexanone	0.215	0.224	0.255	0.225	0.236	0.243	0.233	6.1
Dibromochloromethane	0.354	0.352	0.371	0.369	0.377	0.364	0.364	2.7
1,2-Dibromoethane	0.310	0.313	0.337	0.308	0.308	0.309	0.314	3.6
Tetrachloroethene	0.297	0.331	0.323	0.301	0.288	0.288	0.305	6
Chlorobenzene	1.146	1.205	1.234	1.126	1.109	1.091	1.152	4.9
Ethyl Benzene	1.710	1.890	1.993	1.882	1.927	1.908	1.885	5
m/p-Xylenes	0.647	0.728	0.793	0.721	0.729	0.717	0.723	6.4
o-Xylene	0.590	0.670	0.711	0.704	0.707	0.694	0.679	6.8
Styrene	0.977	1.180	1.315	1.247	1.223	1.204	1.191	9.6
Bromoform	0.186	0.222	0.219	0.210	0.214	0.223	0.212	6.5
Isopropylbenzene	3.005	3.296	3.600	3.704	3.535	3.740	3.480	8.1
1,1,2,2-Tetrachloroethane	0.955	0.945	0.943	0.886	0.843	0.902	0.912	4.7
1,3-Dichlorobenzene	1.700	1.684	1.659	1.737	1.656	1.722	1.693	1.9
1,4-Dichlorobenzene	1.811	1.770	1.807	1.674	1.631	1.685	1.730	4.4
1,2-Dichlorobenzene	1.587	1.636	1.663	1.630	1.465	1.524	1.584	4.8
1,2-Dibromo-3-Chloropropane	0.167	0.156	0.156	0.144	0.148	0.166	0.156	5.8
1,2,4-Trichlorobenzene	0.850	0.888	0.943	0.960	0.961	1.035	0.940	6.8
1,2,3-Trichlorobenzene	0.807	0.849	0.861	0.892	0.881	0.953	0.874	5.6
1,2-Dichloroethane-d4	0.886	0.863	0.864	0.708	0.703	0.714	0.789	11.3
Dibromofluoromethane	0.393	0.364	0.379	0.347	0.342	0.332	0.360	6.5
Toluene-d8	1.334	1.339	1.372	1.252	1.274	1.205	1.296	4.9
4-Bromofluorobenzene	0.505	0.491	0.511	0.482	0.486	0.458	0.489	3.8

* 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 MSVOA_W

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W092525S.M
Title : SW846 8260
Last Update : Fri Sep 26 07:11:42 2025
Response Via : Initial Calibration

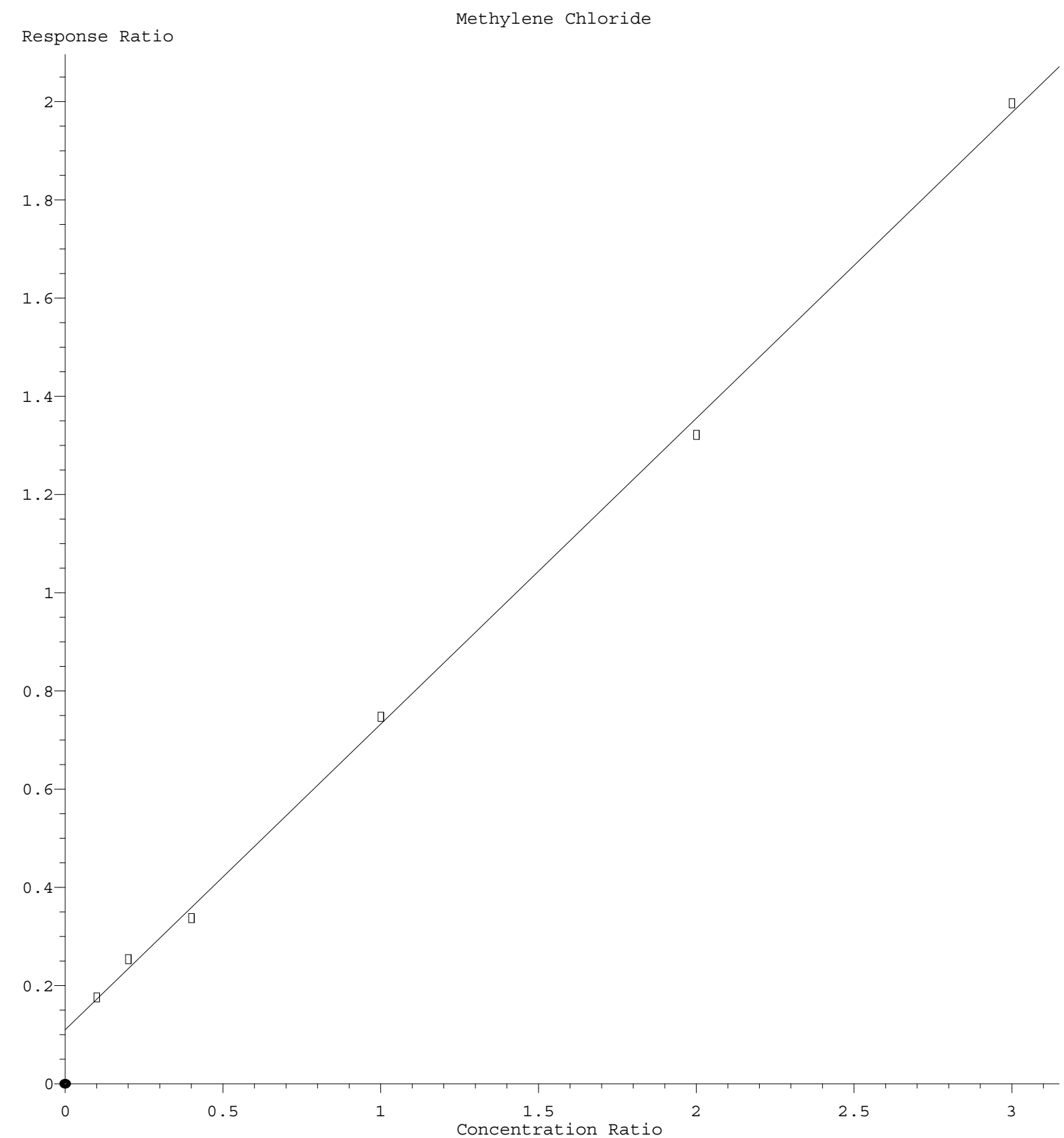
Calibration Files
5 =VW032258.D 10 =VW032259.D 20 =VW032260.D 50 =VW032261.D 100 =VW032262.D 150 =VW032263.D

		Compound	5	10	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene	----------ISTD----------							
2)	T	Dichlorodifluo...	0.388	0.399	0.397	0.295	0.295	0.299	0.345	15.60
3)	P	Chloromethane	0.540	0.557	0.548	0.423	0.439	0.459	0.494	12.26
4)	C	Vinyl Chloride	0.611	0.628	0.654	0.537	0.514	0.522	0.578	10.47#
5)	T	Bromomethane	0.403	0.424	0.435	0.367	0.360	0.377	0.394	7.91
6)	T	Chloroethane	0.416	0.408	0.434	0.359	0.356	0.376	0.391	8.26
7)	T	Trichlorofluor...	0.399	0.417	0.519	0.383	0.438	0.455	0.435	11.18
8)	T	Diethyl Ether	0.475	0.440	0.436	0.368	0.366	0.384	0.412	10.97
9)	T	1,1,2-Trichlor...	0.593	0.587	0.625	0.526	0.495	0.508	0.556	9.48
10)	T	Methyl Iodide	0.748	0.763	0.840	0.712	0.721	0.725	0.751	6.30
11)	T	Tert butyl alc...	0.061	0.060	0.057	0.046	0.049	0.057	0.055	11.16
12)	CM	1,1-Dichloroet...	0.595	0.633	0.670	0.551	0.550	0.565	0.594	8.20#
13)	T	Acrolein	0.108	0.106	0.106	0.090	0.085	0.089	0.098	10.90
14)	T	Allyl chloride	0.911	0.933	1.006	0.879	0.880	0.921	0.922	5.06
15)	T	Acrylonitrile	0.216	0.220	0.232	0.189	0.197	0.218	0.212	7.60
16)	T	Acetone	0.216	0.252	0.242	0.164	0.162	0.180	0.203	19.64
17)	T	Carbon Disulfide	1.364	1.439	1.543	1.260	1.262	1.324	1.365	8.07
18)	T	Methyl Acetate	0.637	0.602	0.639	0.738	0.749	0.818	0.697	11.98
19)	T	Methyl tert-bu...	1.055	1.094	1.201	1.071	1.060	1.123	1.101	5.01
20)	T	Methylene Chlo...	1.758	1.269	0.843	0.747	0.661	0.666	0.991	44.29
21)	T	trans-1,2-Dich...	0.633	0.668	0.703	0.605	0.602	0.630	0.640	6.01
22)	T	Diisopropyl ether	1.893	2.067	2.306	2.003	1.989	2.030	2.048	6.79
23)	T	Vinyl Acetate	1.220	1.347	1.501	1.216	1.263	1.358	1.317	8.26
24)	P	1,1-Dichloroet...	1.313	1.343	1.418	1.232	1.201	1.250	1.293	6.25
25)	T	2-Butanone	0.282	0.300	0.307	0.252	0.260	0.296	0.283	7.92
26)	T	2,2-Dichloropr...	0.660	0.686	0.672	0.598	0.596	0.610	0.637	6.27
27)	T	cis-1,2-Dichlo...	0.803	0.821	0.843	0.763	0.760	0.789	0.796	4.10
28)	T	Bromochloromet...	0.662	0.629	0.656	0.589	0.586	0.579	0.617	6.03
29)	T	Tetrahydrofuran	0.179	0.189	0.200	0.166	0.173	0.194	0.183	7.14
30)	C	Chloroform	1.400	1.413	1.489	1.286	1.227	1.278	1.349	7.41#
31)	T	Cyclohexane	1.132	1.088	1.139	0.912	0.912	0.933	1.019	10.93
32)	T	1,1,1-Trichlor...	0.927	0.946	0.985	0.873	0.852	0.869	0.909	5.74
33)	S	1,2-Dichloroet...	0.886	0.863	0.864	0.708	0.703	0.714	0.789	11.32
34)	I	1,4-Difluorobenzene	----------ISTD----------							
35)	S	Dibromofluorom...	0.393	0.364	0.379	0.347	0.342	0.332	0.360	6.54
36)	T	1,1-Dichloropr...	0.481	0.486	0.524	0.483	0.479	0.456	0.485	4.50
37)	T	Ethyl Acetate	0.313	0.326	0.356	0.300	0.314	0.321	0.322	5.90
38)	T	Carbon Tetrach...	0.442	0.462	0.505	0.447	0.452	0.429	0.456	5.77
39)	T	Methylcyclohexane	0.507	0.545	0.596	0.569	0.584	0.564	0.561	5.68
40)	TM	Benzene	1.503	1.545	1.639	1.516	1.515	1.438	1.526	4.31
41)	T	Methacrylonitrile	0.168	0.182	0.200	0.177	0.177	0.203	0.184	7.56
42)	TM	1,2-Dichloroet...	0.545	0.518	0.537	0.486	0.488	0.470	0.507	5.99
43)	T	Isopropyl Acetate	0.553	0.575	0.604	0.548	0.578	0.596	0.576	3.89
44)	TM	Trichloroethene	0.343	0.371	0.382	0.346	0.359	0.339	0.357	4.73
45)	C	1,2-Dichloropr...	0.391	0.408	0.423	0.393	0.384	0.372	0.395	4.53#
46)	T	Dibromomethane	0.257	0.250	0.255	0.235	0.235	0.227	0.243	5.10
47)	T	Bromodichlorom...	0.549	0.544	0.577	0.558	0.557	0.541	0.554	2.37
48)	T	Methyl methacr...	0.236	0.257	0.279	0.269	0.288	0.296	0.271	8.11
49)	T	1,4-Dioxane	0.003	0.003	0.004	0.003	0.003	0.004	0.003	10.32
50)	S	Toluene-d8	1.334	1.339	1.372	1.252	1.274	1.205	1.296	4.86
51)	T	4-Methyl-2-Pen...	0.327	0.346	0.370	0.324	0.338	0.342	0.341	4.79
52)	CM	Toluene	0.894	0.955	1.010	0.937	0.963	0.916	0.946	4.26#
53)	T	t-1,3-Dichloro...	0.440	0.478	0.521	0.507	0.554	0.547	0.508	8.51
54)	T	cis-1,3-Dichlo...	0.525	0.558	0.618	0.590	0.614	0.611	0.586	6.36
55)	T	1,1,2-Trichlor...	0.343	0.339	0.359	0.316	0.316	0.318	0.332	5.41
56)	T	Ethyl methacry...	0.362	0.405	0.462	0.438	0.475	0.480	0.437	10.51

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
Method File : 82W092525S.M

57)	T	1,3-Dichloropr...	0.562	0.580	0.617	0.568	0.562	0.548	0.573	4.22
58)	T	2-Chloroethyl ...	0.206	0.220	0.236	0.252	0.264	0.261	0.240	9.74
59)	T	2-Hexanone	0.215	0.224	0.255	0.225	0.236	0.243	0.233	6.15
60)	T	Dibromochlorom...	0.354	0.352	0.371	0.369	0.377	0.364	0.364	2.66
61)	T	1,2-Dibromoethane	0.310	0.313	0.337	0.308	0.308	0.309	0.314	3.64
62)	S	4-Bromofluorob...	0.505	0.491	0.511	0.482	0.486	0.458	0.489	3.83
63)	I	Chlorobenzene-d5	----------ISTD----------							
64)	T	Tetrachloroethene	0.297	0.331	0.323	0.301	0.288	0.288	0.305	5.98
65)	PM	Chlorobenzene	1.146	1.205	1.234	1.126	1.109	1.091	1.152	4.89
66)	T	1,1,1,2-Tetrac...	0.354	0.367	0.377	0.360	0.366	0.361	0.364	2.20
67)	C	Ethyl Benzene	1.710	1.890	1.993	1.882	1.927	1.908	1.885	5.02#
68)	T	m/p-Xylenes	0.647	0.728	0.793	0.721	0.729	0.717	0.723	6.44
69)	T	o-Xylene	0.590	0.670	0.711	0.704	0.707	0.694	0.679	6.79
70)	T	Styrene	0.977	1.180	1.315	1.247	1.223	1.204	1.191	9.61
71)	P	Bromoform	0.186	0.222	0.219	0.210	0.214	0.223	0.212	6.52
72)	I	1,4-Dichlorobenzen...	----------ISTD----------							
73)	T	Isopropylbenzene	3.005	3.296	3.600	3.704	3.535	3.740	3.480	8.07
74)	T	N-amyl acetate	0.995	1.051	1.158	1.082	1.086	1.203	1.096	6.80
75)	P	1,1,2,2-Tetrac...	0.955	0.945	0.943	0.886	0.843	0.902	0.912	4.75
76)	T	1,2,3-Trichlor...	0.752	0.709	0.701	0.665	0.631	0.670	0.688	6.09
77)	T	Bromobenzene	0.832	0.813	0.868	0.917	0.837	0.869	0.856	4.31
78)	T	n-propylbenzene	3.941	4.225	4.466	4.685	4.428	4.483	4.371	5.88
79)	T	2-Chlorotoluene	2.428	2.616	2.716	2.777	2.628	2.724	2.648	4.68
80)	T	1,3,5-Trimethy...	2.544	2.923	3.068	3.175	3.026	3.117	2.975	7.66
81)	T	trans-1,4-Dich...	0.229	0.241	0.256	0.270	0.278	0.315	0.265	11.53
82)	T	4-Chlorotoluene	2.530	2.844	2.867	2.928	2.752	2.870	2.799	5.12
83)	T	tert-Butylbenzene	2.196	2.346	2.559	2.617	2.538	2.674	2.488	7.28
84)	T	1,2,4-Trimethy...	2.557	2.971	3.151	3.202	3.108	3.136	3.021	7.94
85)	T	sec-Butylbenzene	3.324	3.569	3.851	3.989	3.738	3.949	3.737	6.77
86)	T	p-Isopropyltol...	2.720	3.012	3.145	3.380	3.116	3.193	3.095	7.10
87)	T	1,3-Dichlorobe...	1.700	1.684	1.659	1.737	1.656	1.722	1.693	1.94
88)	T	1,4-Dichlorobe...	1.811	1.770	1.807	1.674	1.631	1.685	1.730	4.42
89)	T	n-Butylbenzene	2.754	3.054	3.129	3.307	3.112	3.277	3.106	6.38
90)	T	Hexachloroethane	0.564	0.548	0.586	0.575	0.579	0.608	0.577	3.49
91)	T	1,2-Dichlorobe...	1.587	1.636	1.663	1.630	1.465	1.524	1.584	4.79
92)	T	1,2-Dibromo-3-...	0.167	0.156	0.156	0.144	0.148	0.166	0.156	5.78
93)	T	1,2,4-Trichlor...	0.850	0.888	0.943	0.960	0.961	1.035	0.940	6.83
94)	T	Hexachlorobuta...	0.461	0.436	0.474	0.391	0.405	0.422	0.432	7.41
95)	T	Naphthalene	1.847	2.080	2.252	2.318	2.369	2.665	2.255	12.25
96)	T	1,2,3-Trichlor...	0.807	0.849	0.861	0.892	0.881	0.953	0.874	5.57

(#) = Out of Range



Response = 6.223e-001 * Amt + 1.105e-001
Coef of Det (r^2) = 0.999012 Curve Fit: Linear
Method Name: \\Ca1srv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Calibration Table Last Updated: Fri Sep 26 07:11:42 2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.959	168	238142	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.849	114	445366	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.635	117	431495	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	209227	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	21096	5.610	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	11.220%#			
35) Dibromofluoromethane	7.904	113	17518	5.469	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	10.940%#			
50) Toluene-d8	10.330	98	59424	5.148	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	10.300%#			
62) 4-Bromofluorobenzene	12.617	95	22506	5.169	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	10.340%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.045	85	9243	5.618	ug/l		93
3) Chloromethane	2.259	50	12861	5.462	ug/l		92
4) Vinyl Chloride	2.411	62	14540	5.285	ug/l	#	88
5) Bromomethane	2.826	94	9604	5.112	ug/l		99
6) Chloroethane	2.972	64	9905	5.313	ug/l		98
7) Trichlorofluoromethane	3.307	101	9495	4.581	ug/l	#	82
8) Diethyl Ether	3.722	74	11315	5.773	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.106	101	14114	5.334	ug/l		96
10) Methyl Iodide	4.319	142	17823	4.980	ug/l		98
11) Tert butyl alcohol	5.228	59	7211	27.627	ug/l		95
12) 1,1-Dichloroethene	4.082	96	14162	5.007	ug/l		93
13) Acrolein	3.935	56	12892	27.751	ug/l		94
14) Allyl chloride	4.703	41	21706	4.945	ug/l		98
15) Acrylonitrile	5.417	53	25755	25.513	ug/l		96
16) Acetone	4.167	43	25773	26.689	ug/l		97
17) Carbon Disulfide	4.423	76	32473	4.994	ug/l		98
18) Methyl Acetate	4.716	43	15180	4.571	ug/l		97
19) Methyl tert-butyl Ether	5.465	73	25133	4.794	ug/l		98
20) Methylene Chloride	4.966	84	41876	5.253	ug/l		96
21) trans-1,2-Dichloroethene	5.465	96	15086	4.946	ug/l		89
22) Diisopropyl ether	6.343	45	45086	4.622	ug/l	#	86
23) Vinyl Acetate	6.289	43	145249	23.148	ug/l		96
24) 1,1-Dichloroethane	6.246	63	31274	5.079	ug/l		99
25) 2-Butanone	7.197	43	33552	24.927	ug/l		91
26) 2,2-Dichloropropane	7.185	77	15711	5.178	ug/l		97
27) cis-1,2-Dichloroethene	7.191	96	19129	5.043	ug/l		99
28) Bromochloromethane	7.532	49	15762	5.365	ug/l	#	100
29) Tetrahydrofuran	7.563	42	21353	24.436	ug/l		95
30) Chloroform	7.691	83	33349	5.191	ug/l		91
31) Cyclohexane	7.965	56	26952	5.551	ug/l	#	82
32) 1,1,1-Trichloroethane	7.886	97	22073	5.100	ug/l	#	75
36) 1,1-Dichloropropene	8.093	75	21420	4.960	ug/l		96
37) Ethyl Acetate	7.288	43	13922	4.861	ug/l	#	80
38) Carbon Tetrachloride	8.087	117	19674	4.843	ug/l	#	87
39) Methylcyclohexane	9.343	83	22561	4.515	ug/l		97
40) Benzene	8.337	78	66943	4.925	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	7461	4.549	ug/l		93
42) 1,2-Dichloroethane	8.416	62	24254	5.368	ug/l		100
43) Isopropyl Acetate	8.441	43	24619	4.802	ug/l		99
44) Trichloroethene	9.099	130	15290	4.813	ug/l		98
45) 1,2-Dichloropropane	9.373	63	17431	4.951	ug/l		95
46) Dibromomethane	9.471	93	11428	5.280	ug/l		96
47) Bromodichloromethane	9.654	83	24435	4.950	ug/l		96
48) Methyl methacrylate	9.446	41	10520	4.362	ug/l		92
49) 1,4-Dioxane	9.471	88	2525	87.105	ug/l	#	99
51) 4-Methyl-2-Pentanone	10.215	43	72902	23.984	ug/l		96
52) Toluene	10.391	92	39810	4.725	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	19584	4.330	ug/l		94
54) cis-1,3-Dichloropropene	10.081	75	23388	4.479	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	15277	5.171	ug/l		98
56) Ethyl methacrylate	10.647	69	16129	4.145	ug/l		97
57) 1,3-Dichloropropane	10.934	76	25050	4.908	ug/l		94
58) 2-Chloroethyl Vinyl ether	9.928	63	45909	21.490	ug/l		99
59) 2-Hexanone	10.971	43	47919	23.086	ug/l		93
60) Dibromochloromethane	11.129	129	15750	4.854	ug/l		99
61) 1,2-Dibromoethane	11.239	107	13807	4.933	ug/l		97
64) Tetrachloroethene	10.861	164	12819	4.875	ug/l	#	89
65) Chlorobenzene	11.659	112	49447	4.975	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	15257	4.854	ug/l		99
67) Ethyl Benzene	11.733	91	73779	4.535	ug/l		98
68) m/p-Xylenes	11.842	106	55830	8.952	ug/l		93
69) o-Xylene	12.166	106	25456	4.343	ug/l		98
70) Styrene	12.178	104	42166	4.102	ug/l		97
71) Bromoform	12.348	173	8018	4.377	ug/l	#	86
73) Isopropylbenzene	12.464	105	62880	4.318	ug/l		98
74) N-amyl acetate	12.269	43	20827	4.541	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	19979	5.233	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	15732m	4.781	ug/l		
77) Bromobenzene	12.745	156	17400	4.858	ug/l		93
78) n-propylbenzene	12.800	91	82458	4.508	ug/l		99
79) 2-Chlorotoluene	12.891	91	50795	4.584	ug/l		96
80) 1,3,5-Trimethylbenzene	12.940	105	53227	4.275	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.507	75	4797	4.329	ug/l		87
82) 4-Chlorotoluene	12.989	91	52940	4.521	ug/l		98
83) tert-Butylbenzene	13.202	119	45943	4.412	ug/l		98
84) 1,2,4-Trimethylbenzene	13.251	105	53509	4.233	ug/l		96
85) sec-Butylbenzene	13.379	105	69549	4.448	ug/l		99
86) p-Isopropyltoluene	13.495	119	56914	4.395	ug/l		97
87) 1,3-Dichlorobenzene	13.495	146	35563	5.020	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	37891	5.235	ug/l		96
89) n-Butylbenzene	13.818	91	57629	4.434	ug/l		97
90) Hexachloroethane	14.086	117	11800	4.889	ug/l		96
91) 1,2-Dichlorobenzene	13.866	146	33197	5.009	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	3485	5.336	ug/l		82
93) 1,2,4-Trichlorobenzene	15.122	180	17792	4.525	ug/l		98
94) Hexachlorobutadiene	15.232	225	9652	5.345	ug/l		89
95) Naphthalene	15.360	128	38646	4.095	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	16886	4.619	ug/l		94

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

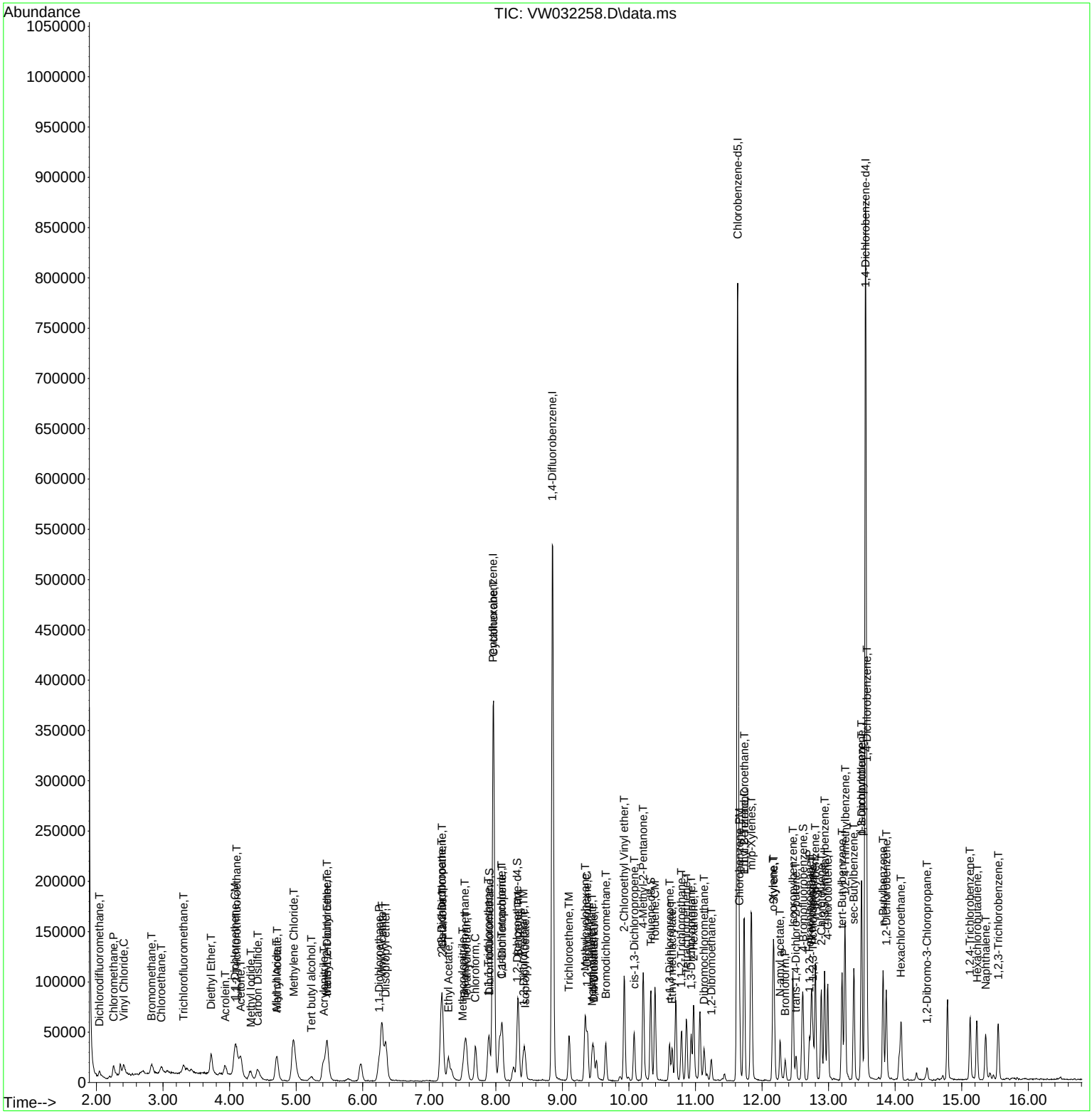
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Data File : VW032258.D
Acq On : 25 Sep 2025 10:45
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

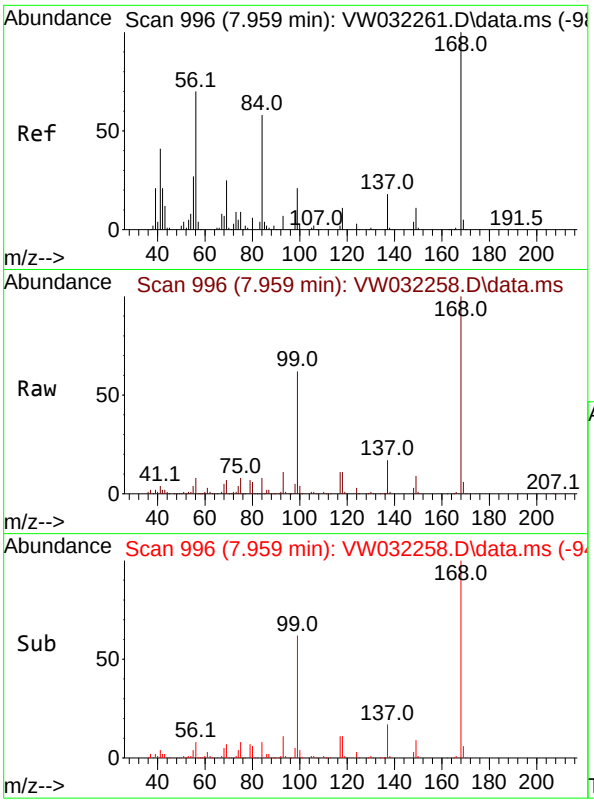
Quant Time: Sep 26 06:46:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

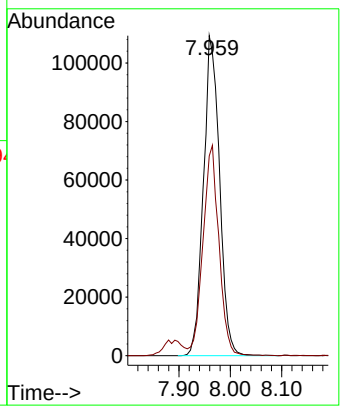




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:168 Resp: 23814

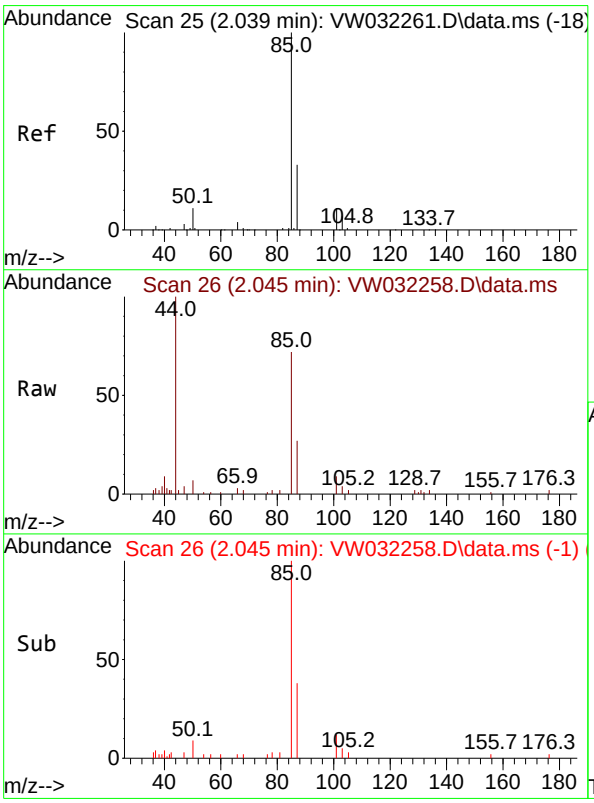
Ion	Ratio	Lower	Upper
168	100		
99	62.4	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

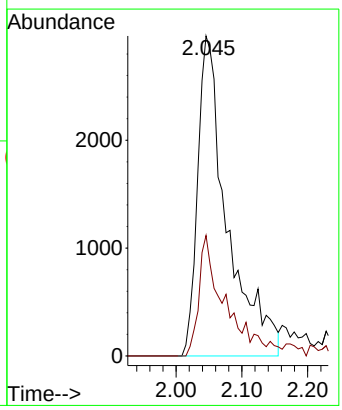
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

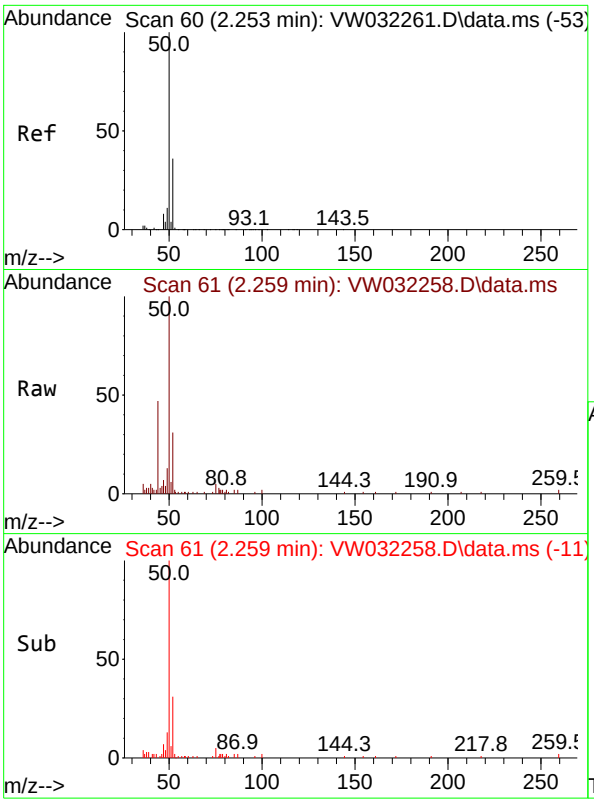


#2
Dichlorodifluoromethane
Concen: 5.618 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 85 Resp: 9243

Ion	Ratio	Lower	Upper
85	100		
87	37.6	16.7	50.1

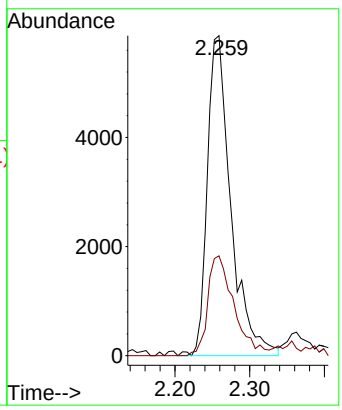




#3
Chloromethane
Concen: 5.462 ug/l
RT: 2.259 min Scan# 6
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 50 Resp: 1286

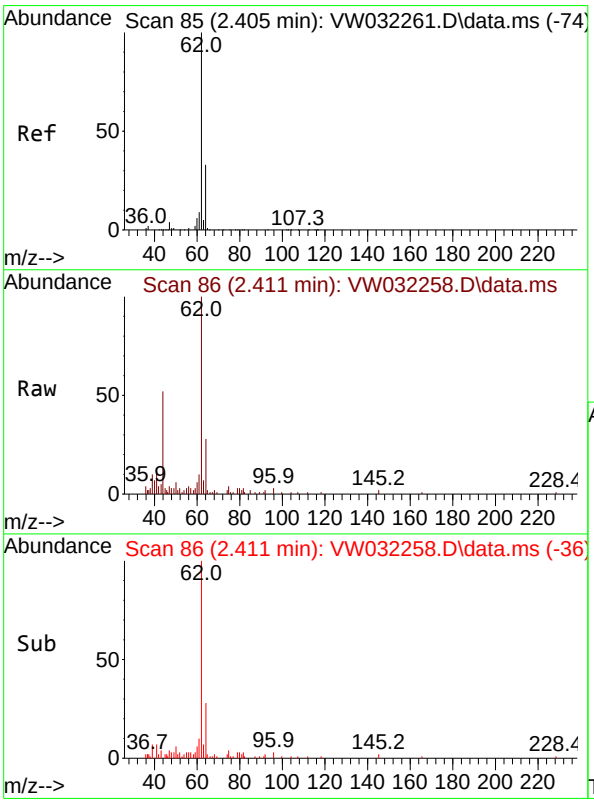
Ion	Ratio	Lower	Upper
50	100		
52	31.2	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

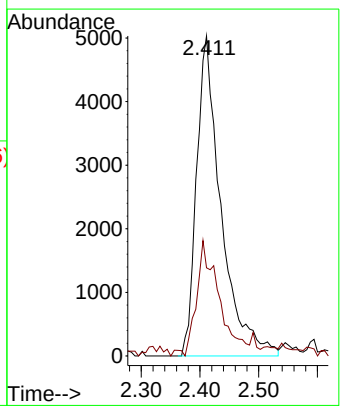
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

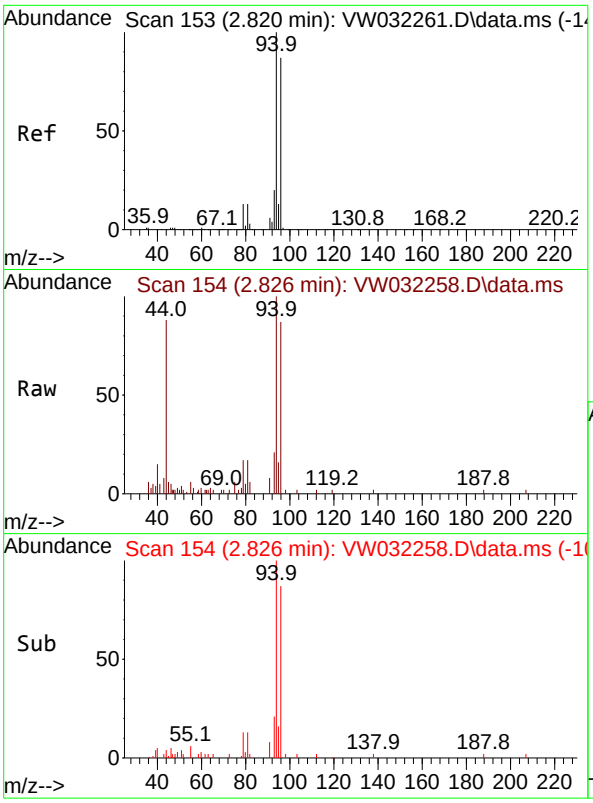


#4
Vinyl Chloride
Concen: 5.285 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 62 Resp: 14540

Ion	Ratio	Lower	Upper
62	100		
64	25.8	26.2	39.4#

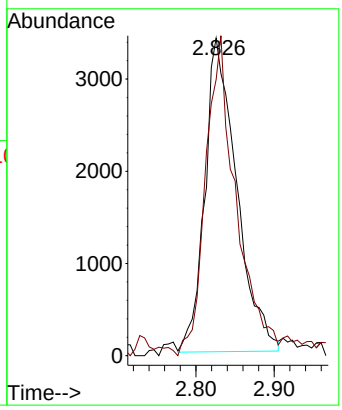




#5
Bromomethane
Concen: 5.112 ug/l
RT: 2.826 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 94 Resp: 960

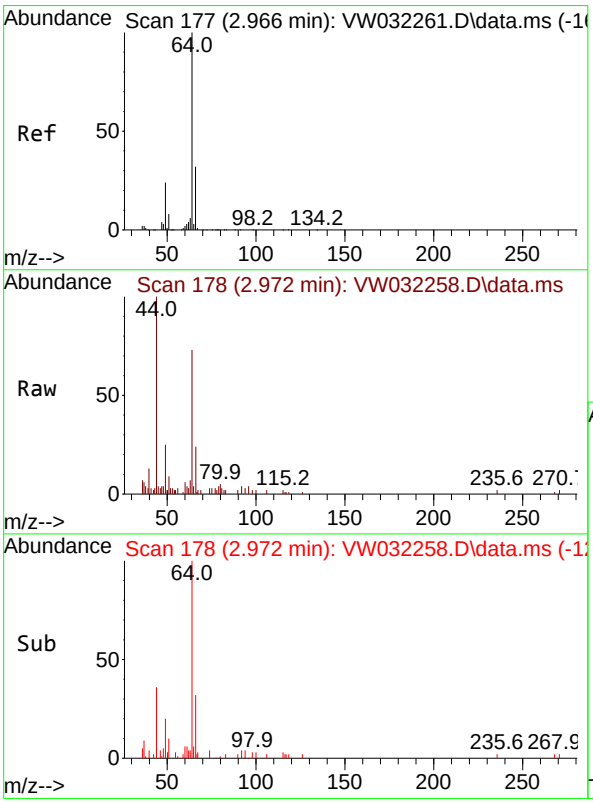
Ion	Ratio	Lower	Upper
94	100		
96	88.2	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

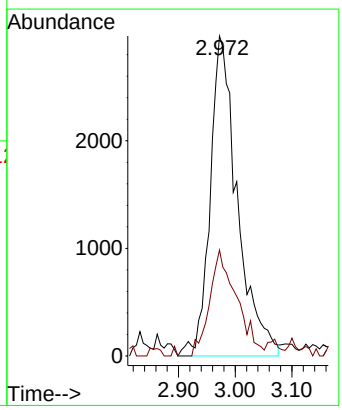
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

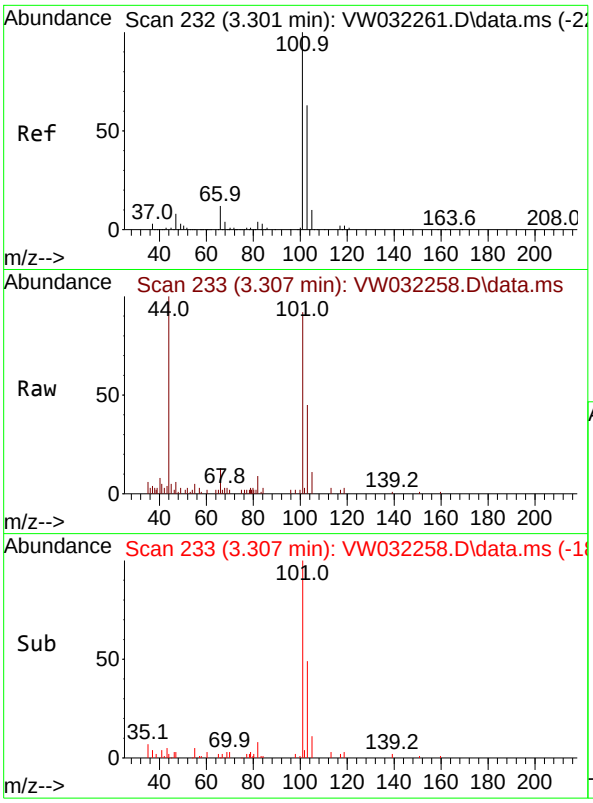


#6
Chloroethane
Concen: 5.313 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 64 Resp: 9905

Ion	Ratio	Lower	Upper
64	100		
66	33.1	25.5	38.3

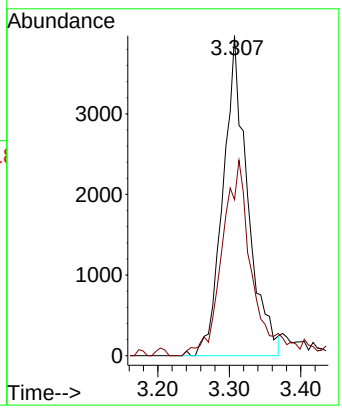




#7
Trichlorofluoromethane
Concen: 4.581 ug/l
RT: 3.307 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:101 Resp: 949

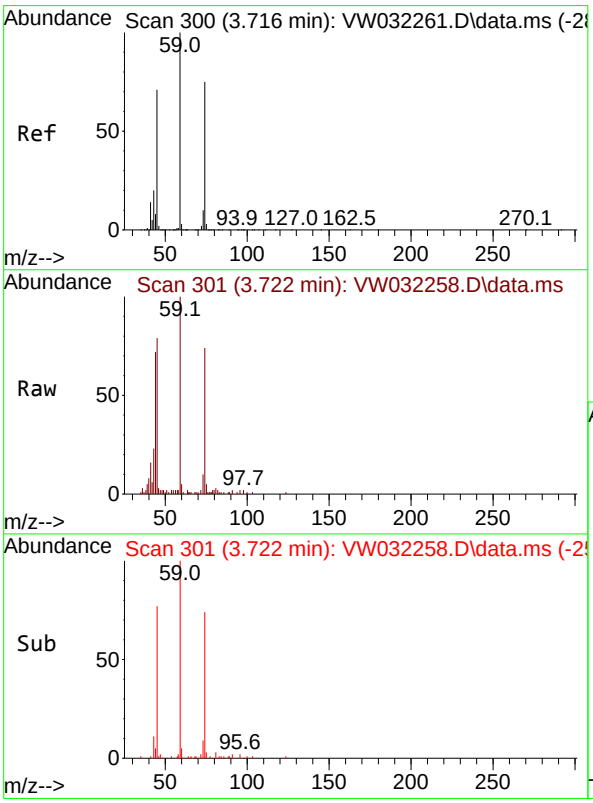
Ion	Ratio	Lower	Upper
101	100		
103	48.7	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

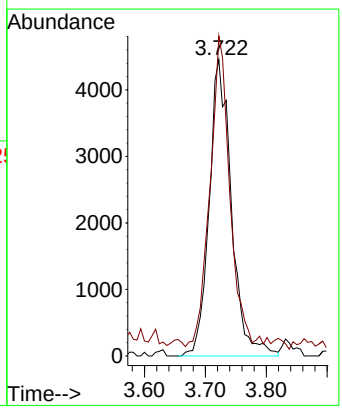
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

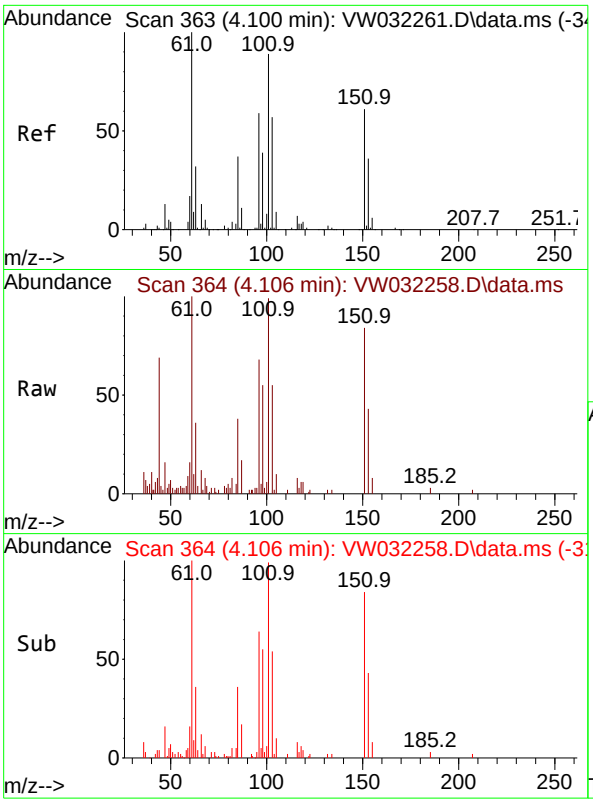


#8
Diethyl Ether
Concen: 5.773 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 74 Resp: 11315

Ion	Ratio	Lower	Upper
74	100		
45	93.1	49.0	147.2

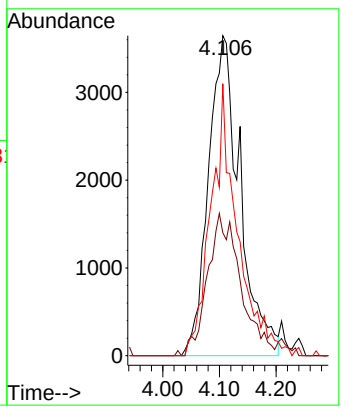




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.334 ug/l
RT: 4.106 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:101 Resp: 1411

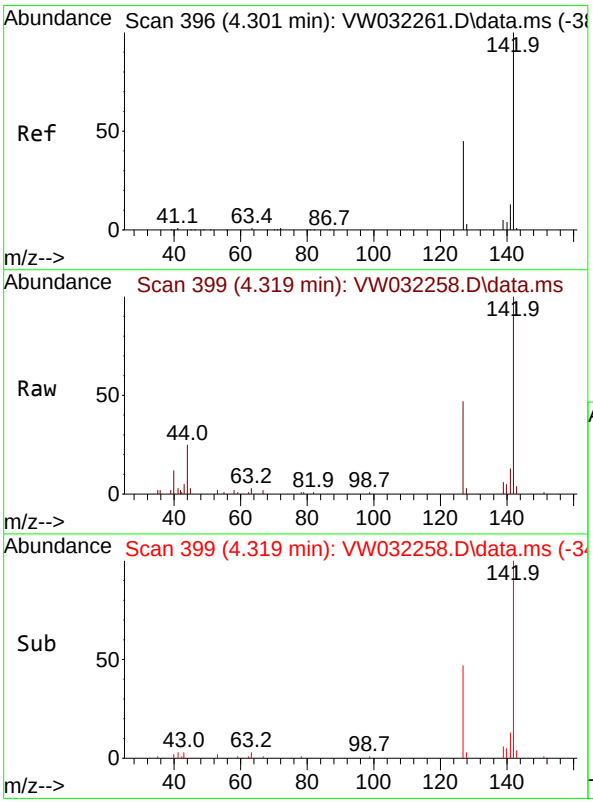
Ion	Ratio	Lower	Upper
101	100		
85	46.6	33.7	50.5
151	71.1	55.7	83.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

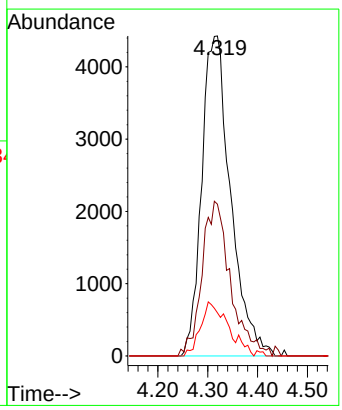
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

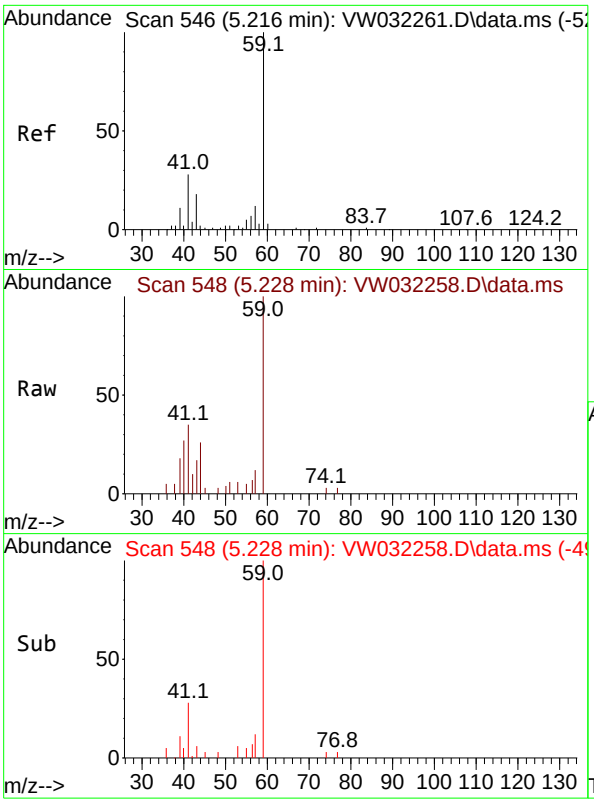


#10
Methyl Iodide
Concen: 4.980 ug/l
RT: 4.319 min Scan# 399
Delta R.T. 0.018 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:142 Resp: 17823

Ion	Ratio	Lower	Upper
142	100		
127	47.6	36.9	55.3
141	14.5	12.0	18.0

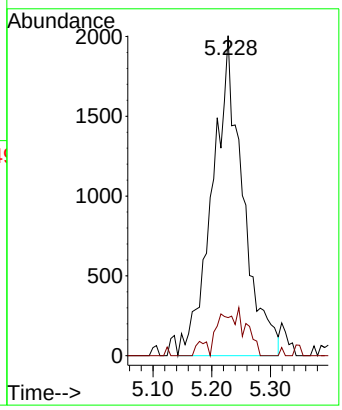




#11
Tert butyl alcohol
Concen: 27.627 ug/l
RT: 5.228 min Scan# 5
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 59 Resp: 721

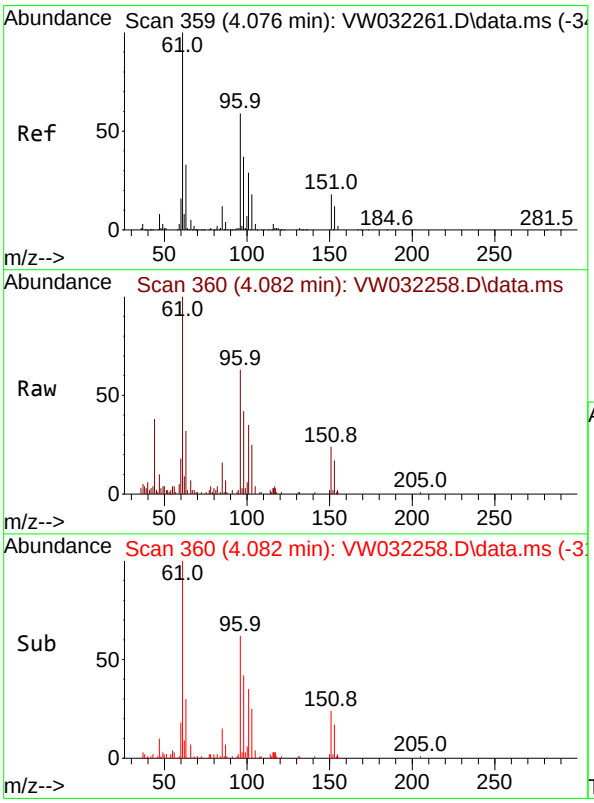
Ion	Ratio	Lower	Upper
59	100		
57	12.8	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

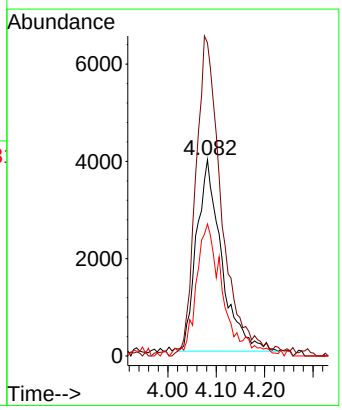
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

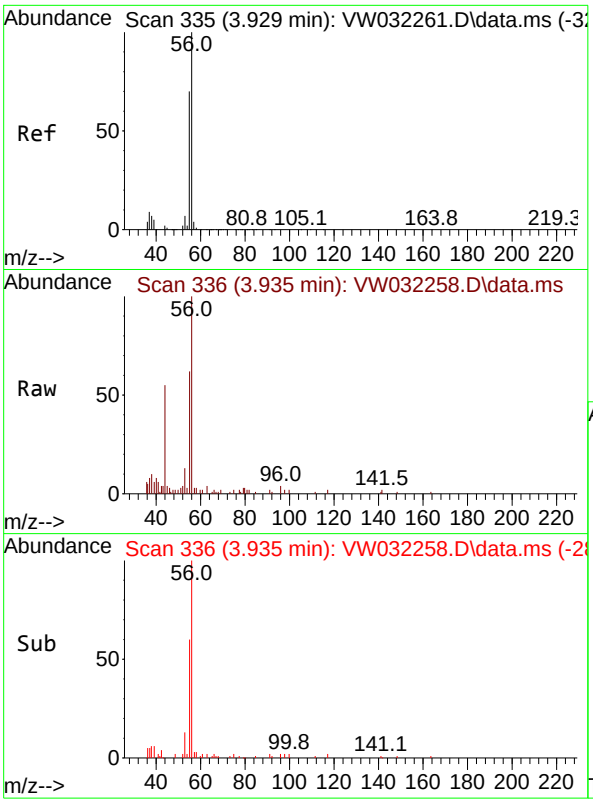


#12
1,1-Dichloroethene
Concen: 5.007 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 96 Resp: 14162

Ion	Ratio	Lower	Upper
96	100		
61	160.8	136.3	204.5
98	67.6	50.7	76.1

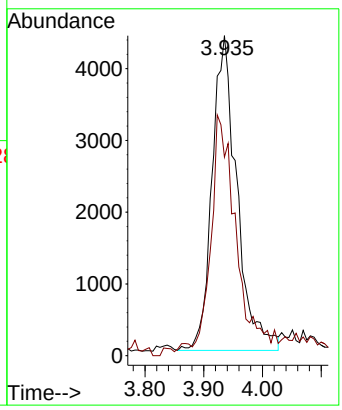




#13
Acrolein
Concen: 27.751 ug/l
RT: 3.935 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 56 Resp: 1289

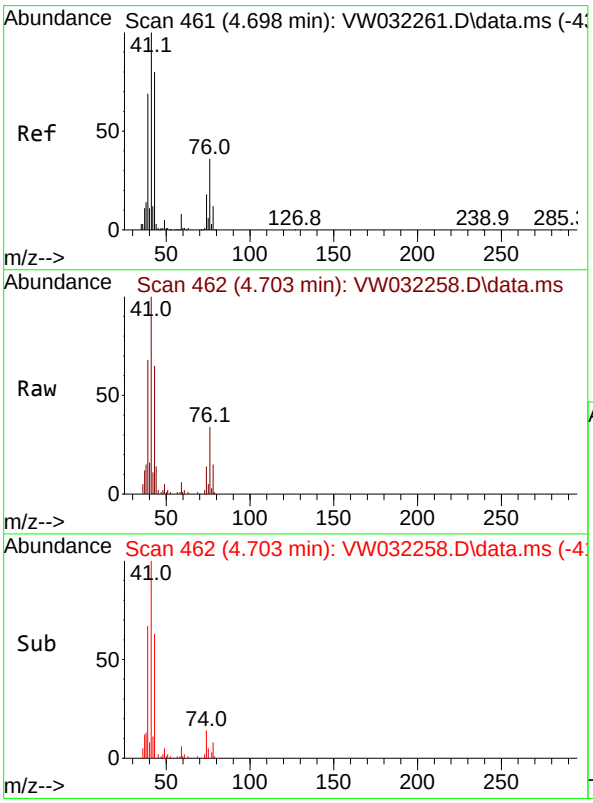
Ion	Ratio	Lower	Upper
56	100		
55	71.7	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

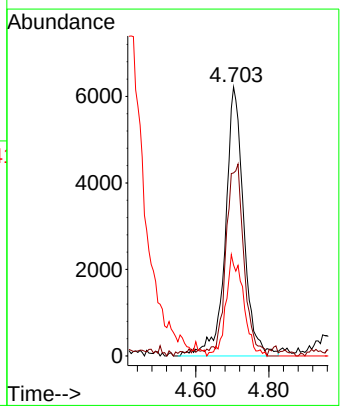
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

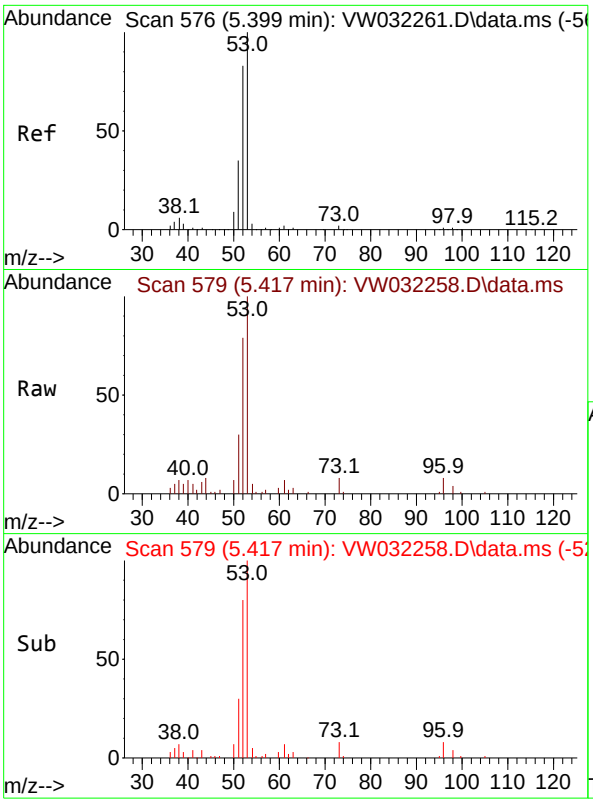


#14
Allyl chloride
Concen: 4.945 ug/l
RT: 4.703 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 41 Resp: 21706

Ion	Ratio	Lower	Upper
41	100		
39	70.3	54.3	81.5
76	35.7	28.7	43.1

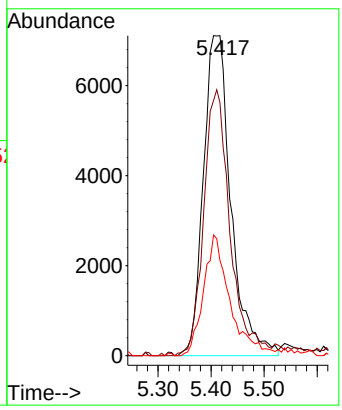




#15
Acrylonitrile
Concen: 25.513 ug/l
RT: 5.417 min Scan# 5
Delta R.T. 0.018 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 53 Resp: 2575

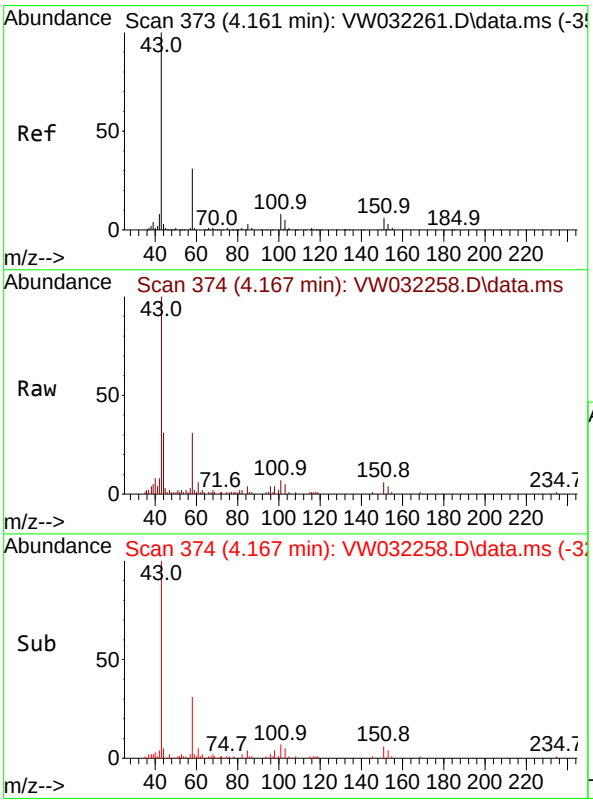
Ion	Ratio	Lower	Upper
53	100		
52	79.0	66.3	99.5
51	36.0	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

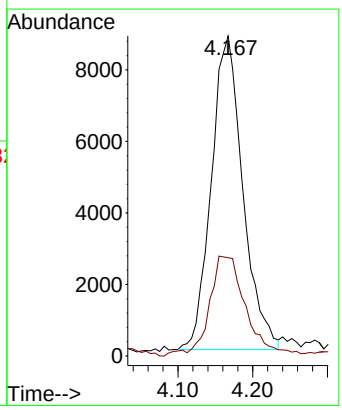
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

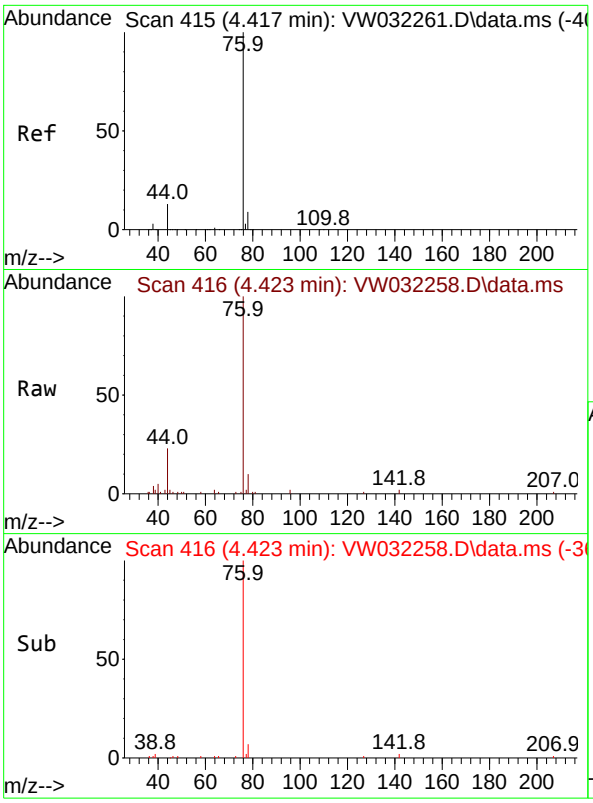


#16
Acetone
Concen: 26.689 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 43 Resp: 25773

Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.4	38.0

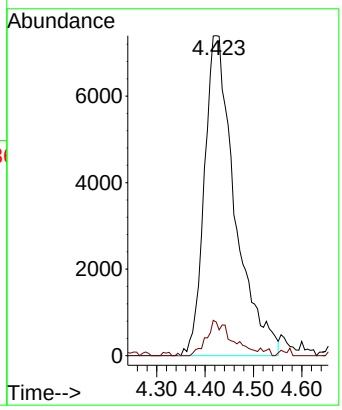




#17
Carbon Disulfide
Concen: 4.994 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 76 Resp: 3247

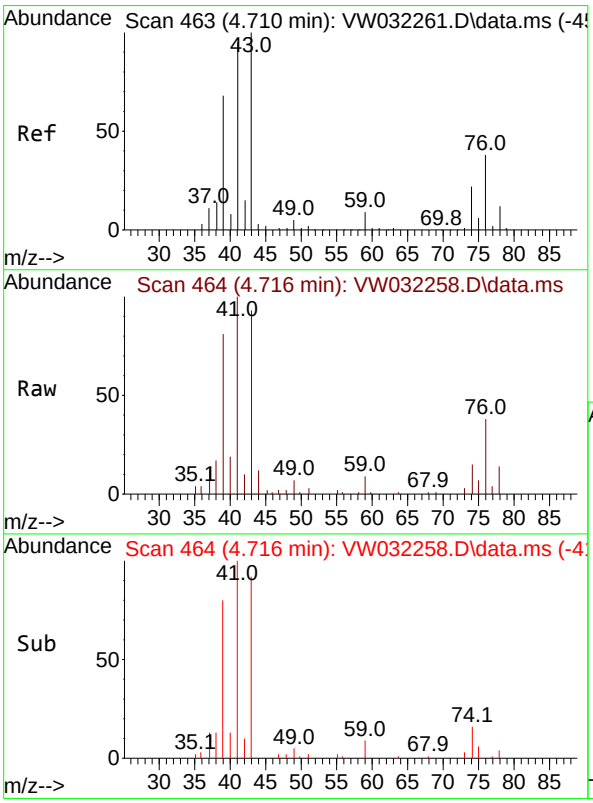
Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

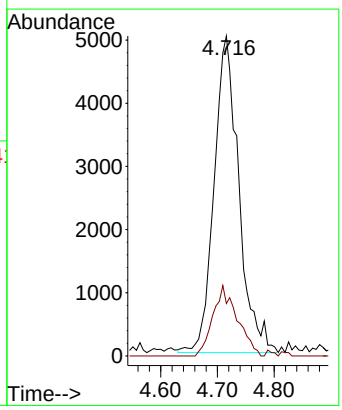
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

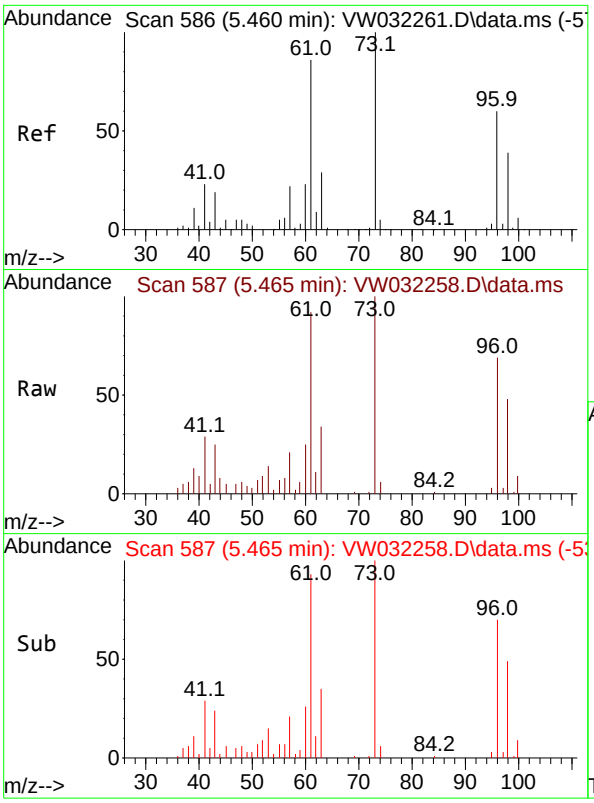


#18
Methyl Acetate
Concen: 4.571 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 43 Resp: 15180

Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.8	28.2

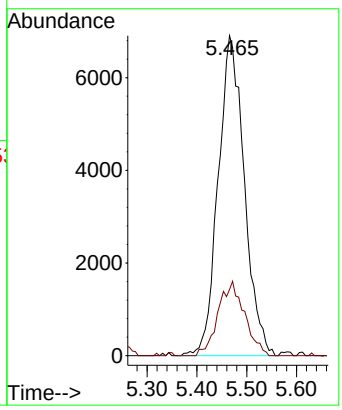




#19
Methyl tert-butyl Ether
Concen: 4.794 ug/l
RT: 5.465 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 73 Resp: 2513

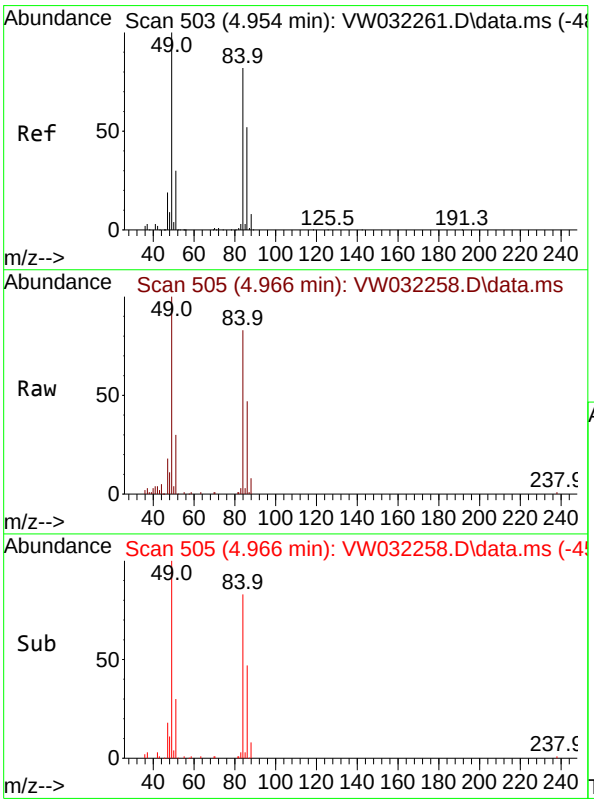
Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.3	25.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

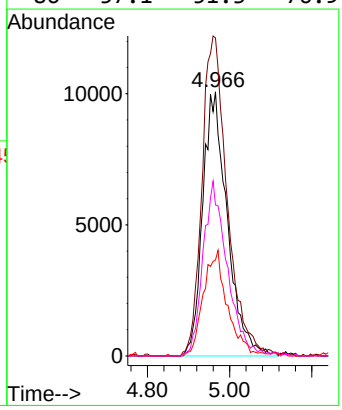
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

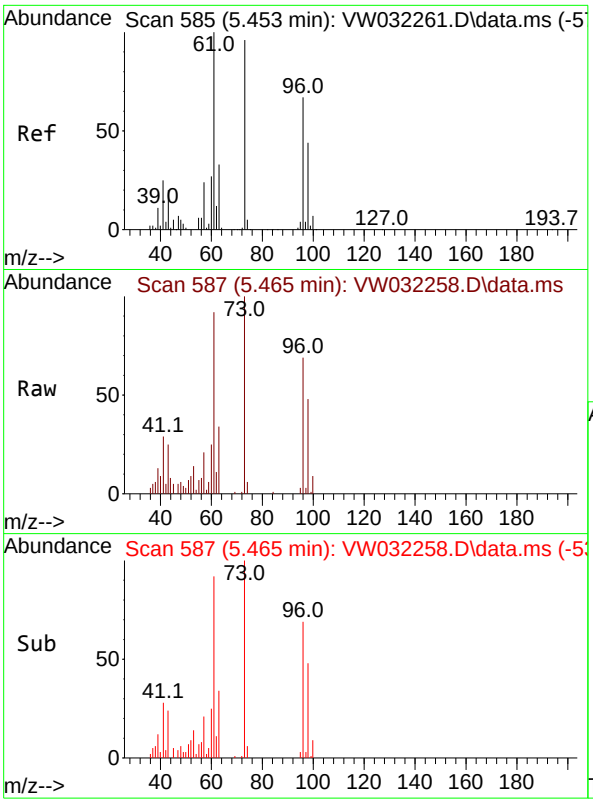


#20
Methylene Chloride
Concen: 5.253 ug/l
RT: 4.966 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 84 Resp: 41876

Ion	Ratio	Lower	Upper
84	100		
49	120.4	97.8	146.6
51	36.3	29.9	44.9
86	57.1	51.3	76.9

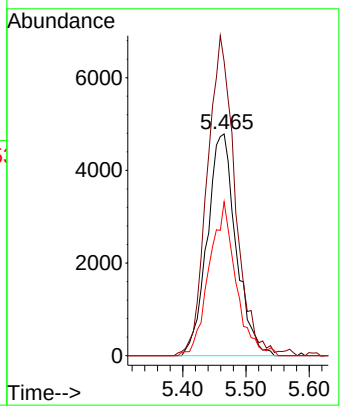




#21
trans-1,2-Dichloroethene
Concen: 4.946 ug/l
RT: 5.465 min Scan# 5
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 96 Resp: 1508

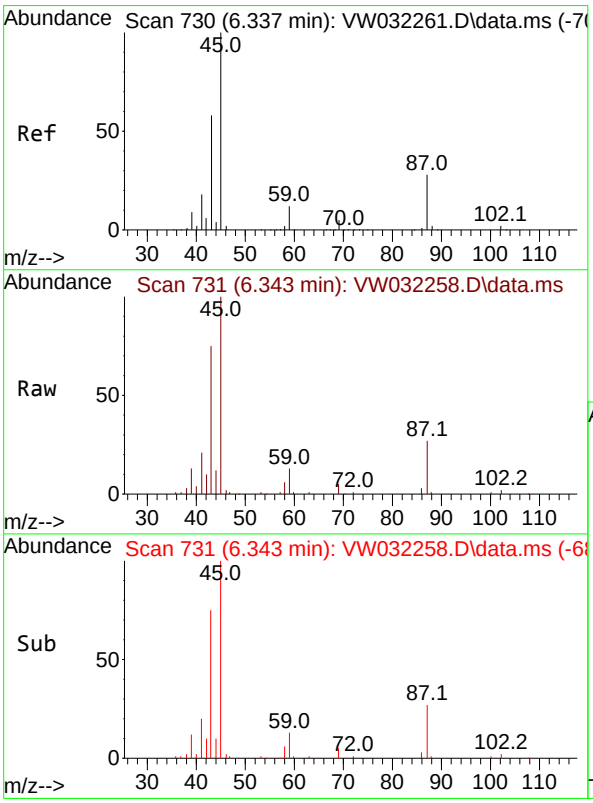
Ion	Ratio	Lower	Upper
96	100		
61	131.4	119.2	178.8
98	69.4	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

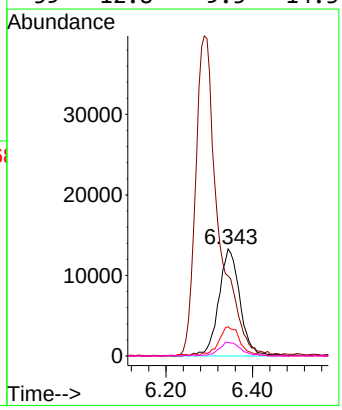
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

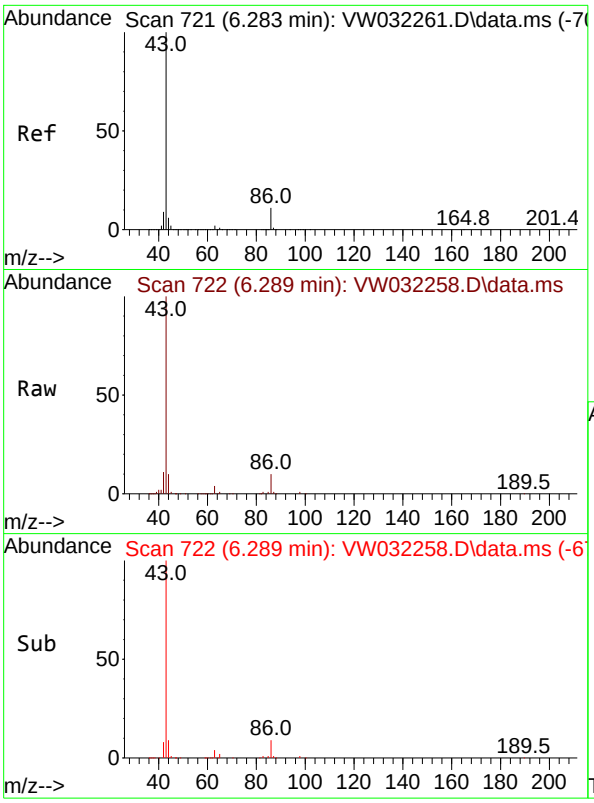


#22
Diisopropyl ether
Concen: 4.622 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 45 Resp: 45086

Ion	Ratio	Lower	Upper
45	100		
43	73.8	46.2	69.4#
87	26.7	22.2	33.2
59	12.8	9.5	14.3

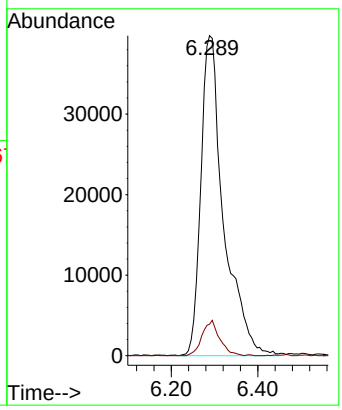




#23
Vinyl Acetate
Concen: 23.148 ug/l
RT: 6.289 min Scan# 7
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 43 Resp: 14524

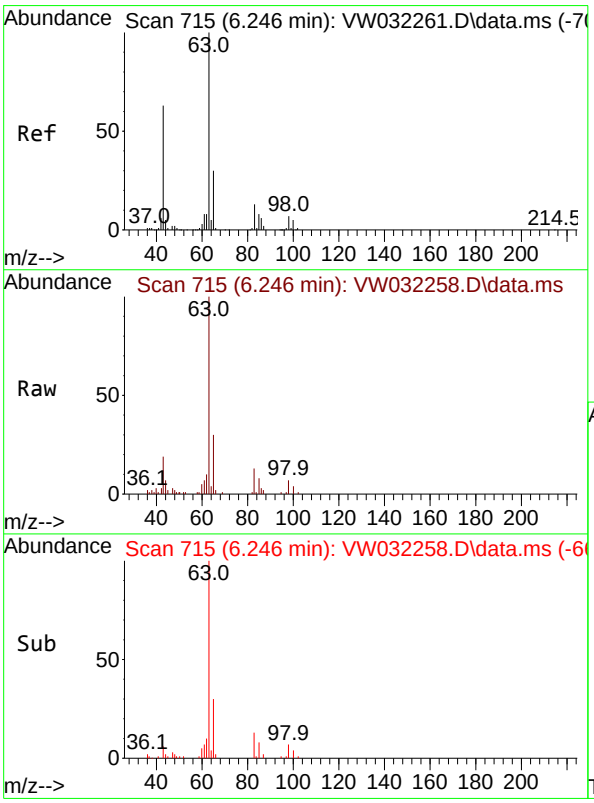
Ion	Ratio	Lower	Upper
43	100		
86	9.8	9.0	13.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

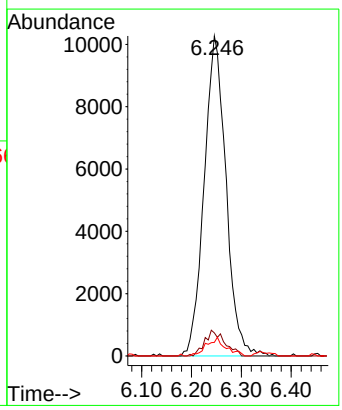
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

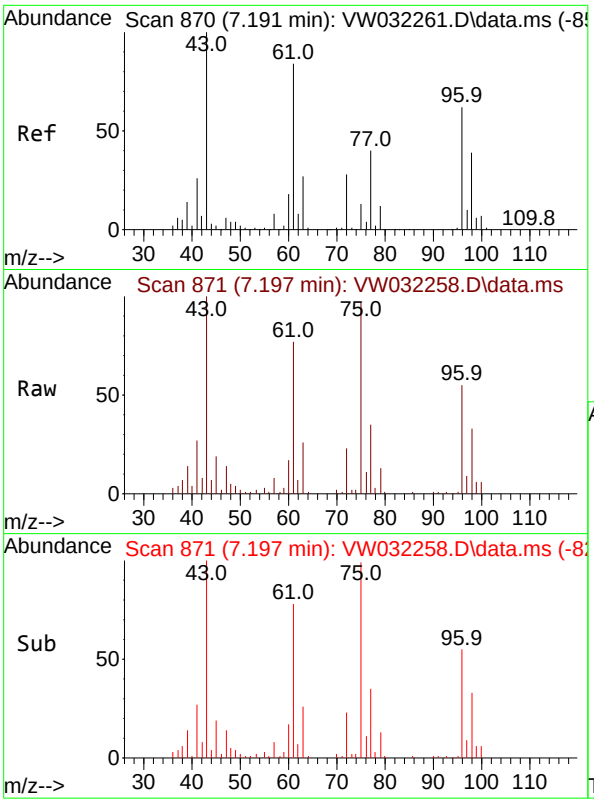


#24
1,1-Dichloroethane
Concen: 5.079 ug/l
RT: 6.246 min Scan# 715
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 63 Resp: 31274

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.9
100	4.3	2.4	7.1





#25
2-Butanone
Concen: 24.927 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

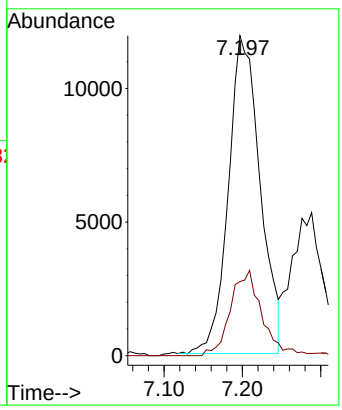
Tgt Ion: 43 Resp: 3355

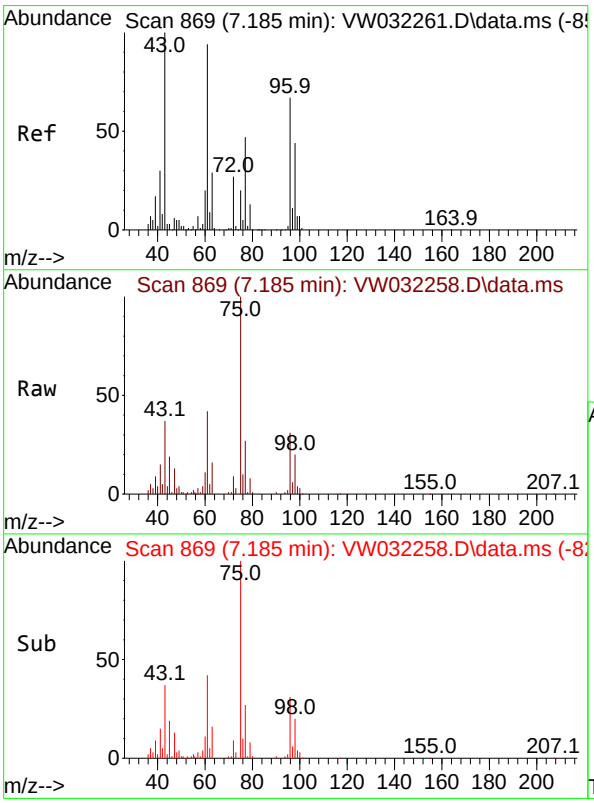
Ion	Ratio	Lower	Upper
43	100		
72	23.3	22.3	33.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

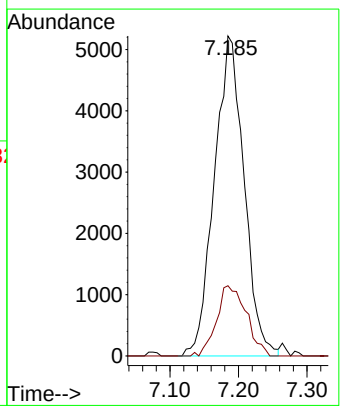


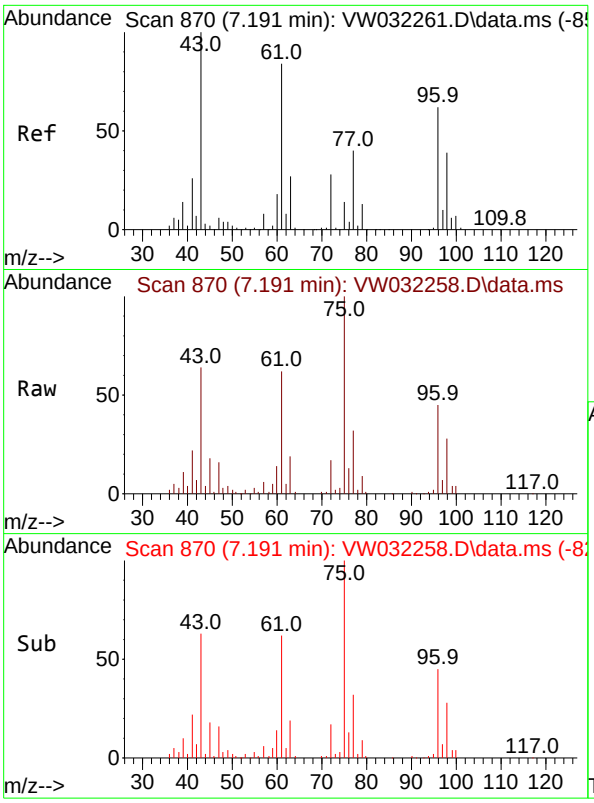


#26
2,2-Dichloropropane
Concen: 5.178 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 77 Resp: 15711

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.7	35.0

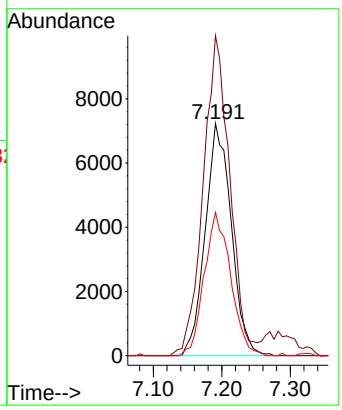




#27
cis-1,2-Dichloroethene
Concen: 5.043 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 96 Resp: 1912

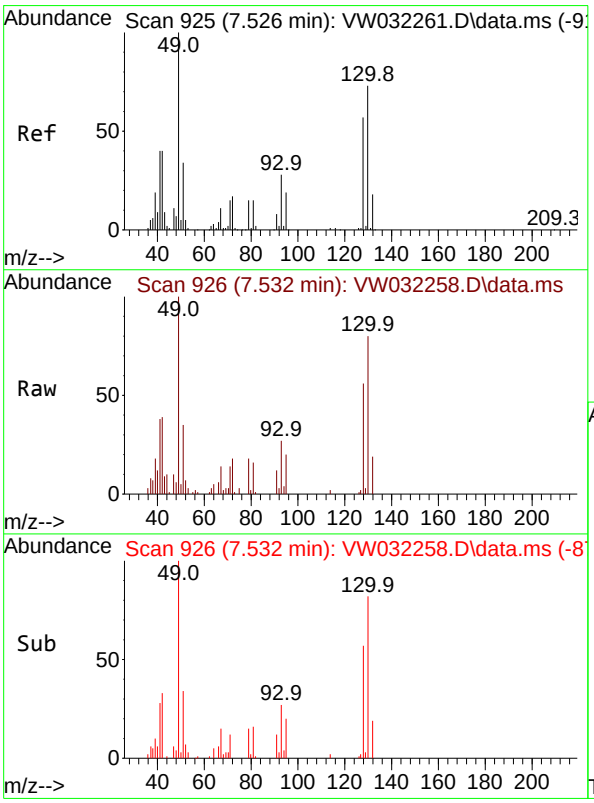
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	281.8
98	62.5	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

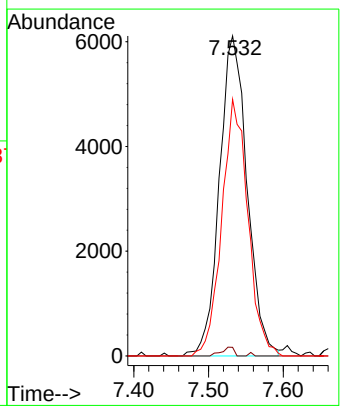
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

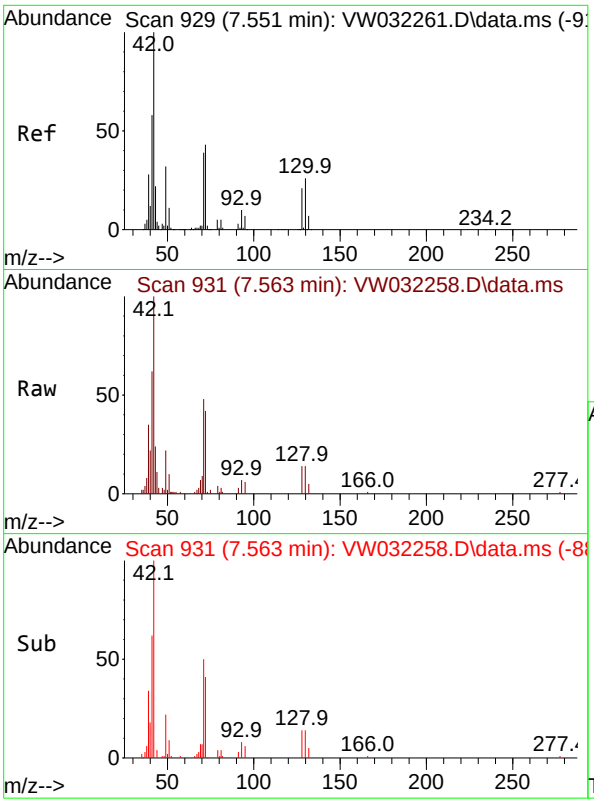


#28
Bromochloromethane
Concen: 5.365 ug/l
RT: 7.532 min Scan# 926
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 49 Resp: 15762

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.2
130	75.4	0.0	0.0#

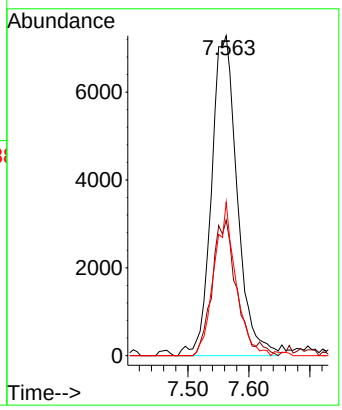




#29
Tetrahydrofuran
Concen: 24.436 ug/l
RT: 7.563 min Scan# 9
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 42 Resp: 2135

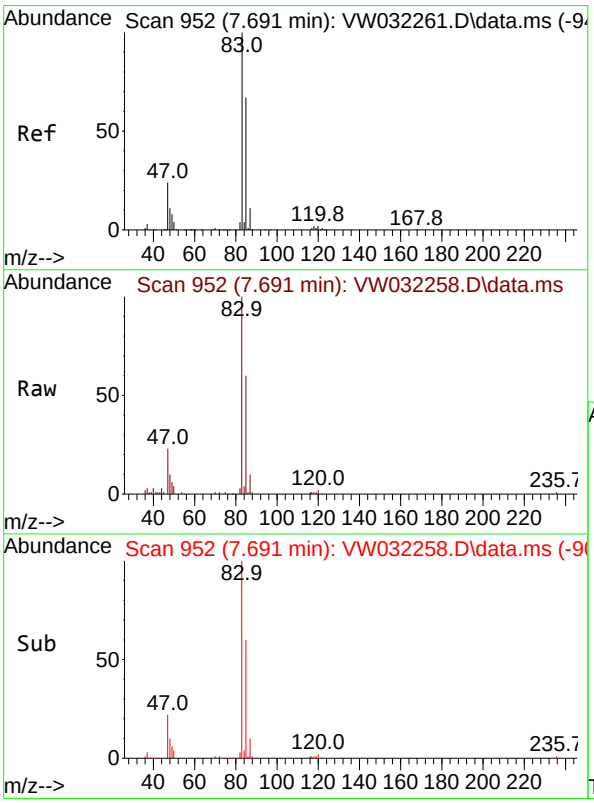
Ion	Ratio	Lower	Upper
42	100		
72	39.1	35.1	52.7
71	40.1	33.3	49.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

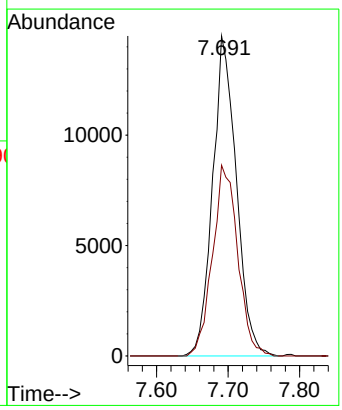
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

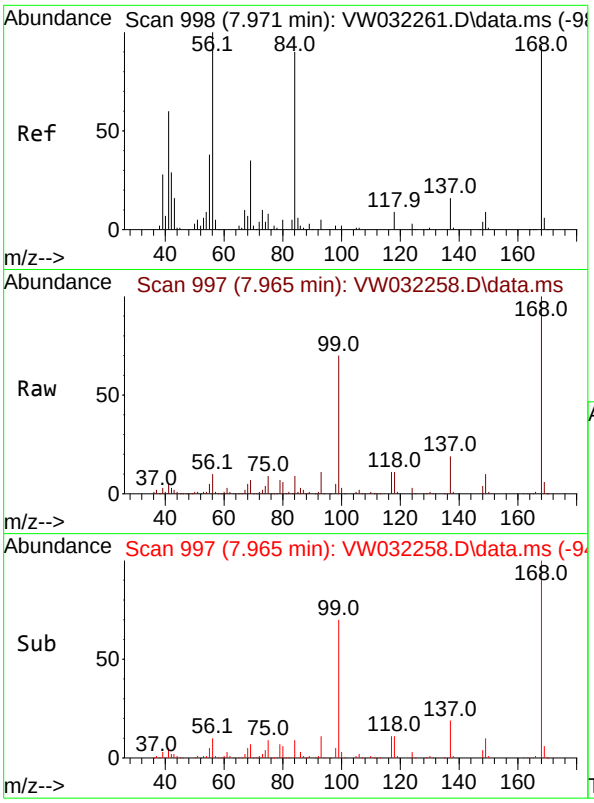


#30
Chloroform
Concen: 5.191 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 83 Resp: 33349

Ion	Ratio	Lower	Upper
83	100		
85	59.6	53.3	79.9

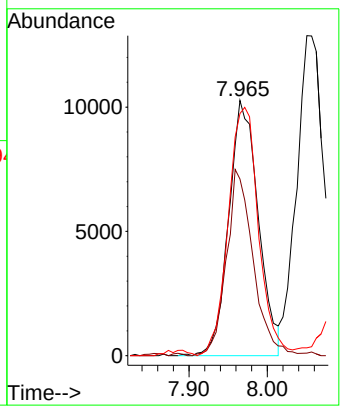




#31
Cyclohexane
Concen: 5.551 ug/l
RT: 7.965 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 56 Resp: 2695

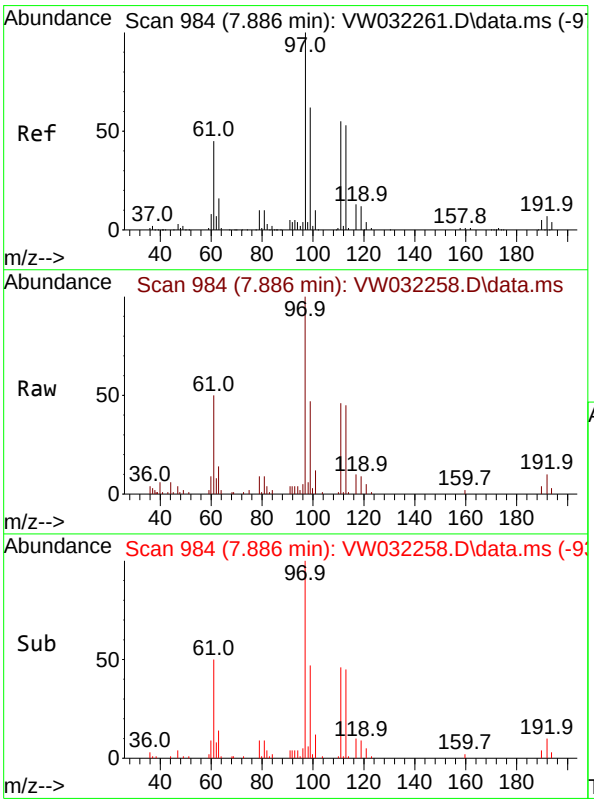
Ion	Ratio	Lower	Upper
56	100		
69	68.3	28.2	42.2#
84	92.7	71.8	107.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

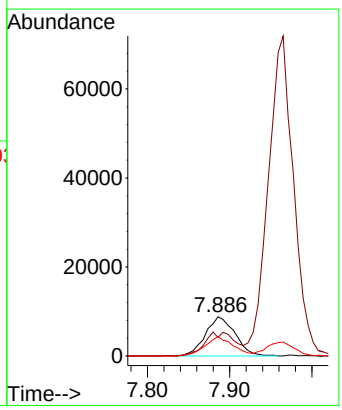
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

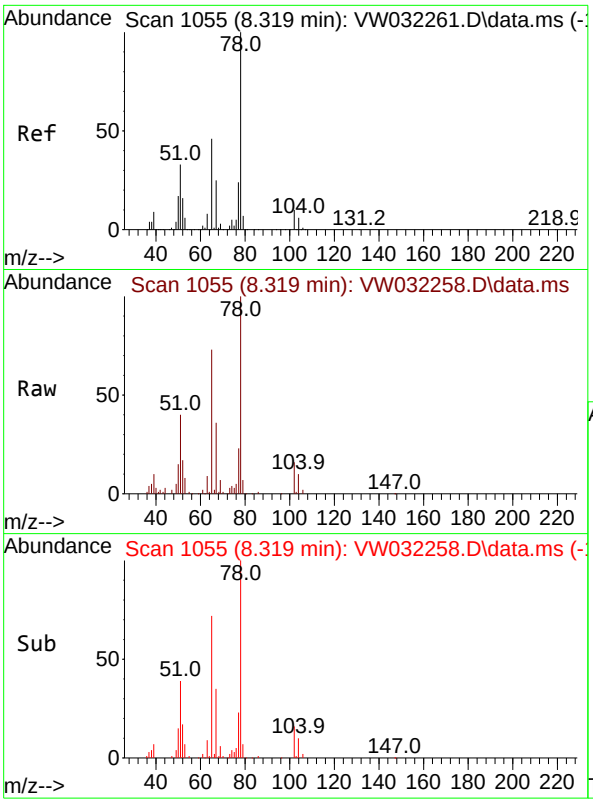


#32
1,1,1-Trichloroethane
Concen: 5.100 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 97 Resp: 22073

Ion	Ratio	Lower	Upper
97	100		
99	30.7	50.6	76.0#
61	47.0	36.2	54.4





#33
1,2-Dichloroethane-d4
Concen: 5.610 ug/l
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

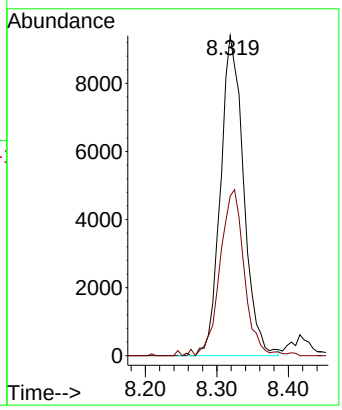
Tgt Ion: 65 Resp: 2109

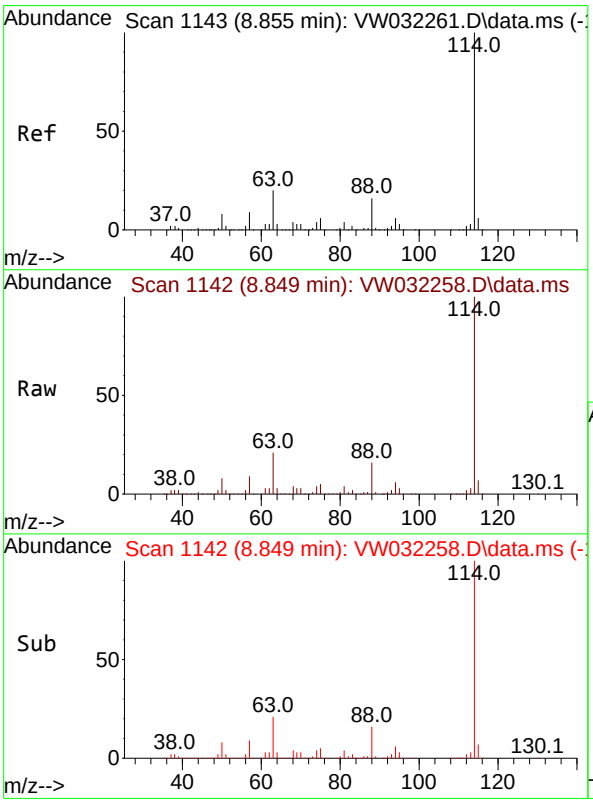
Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	105.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

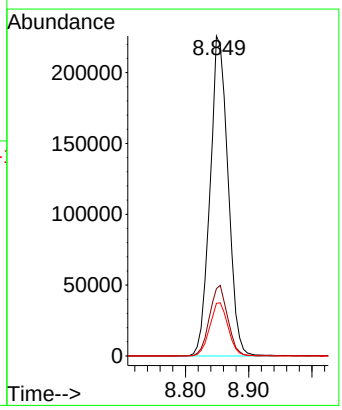


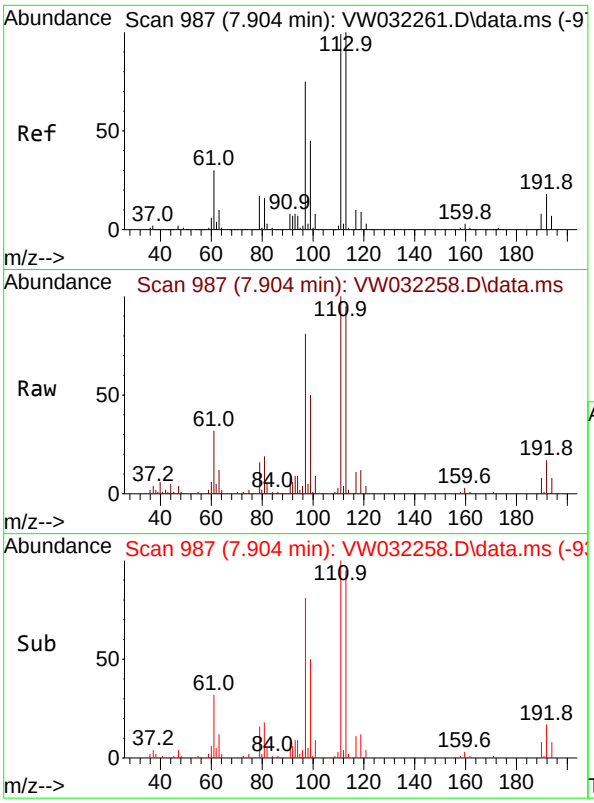


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:114 Resp: 445366

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.2
88	16.4	0.0	32.0

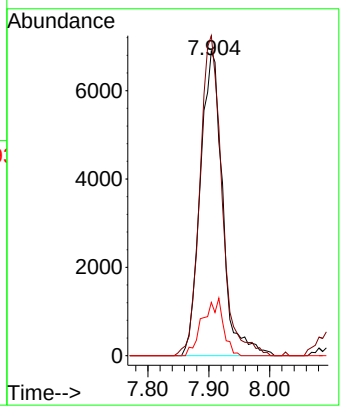




#35
Dibromofluoromethane
Concen: 5.469 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:113 Resp: 1751

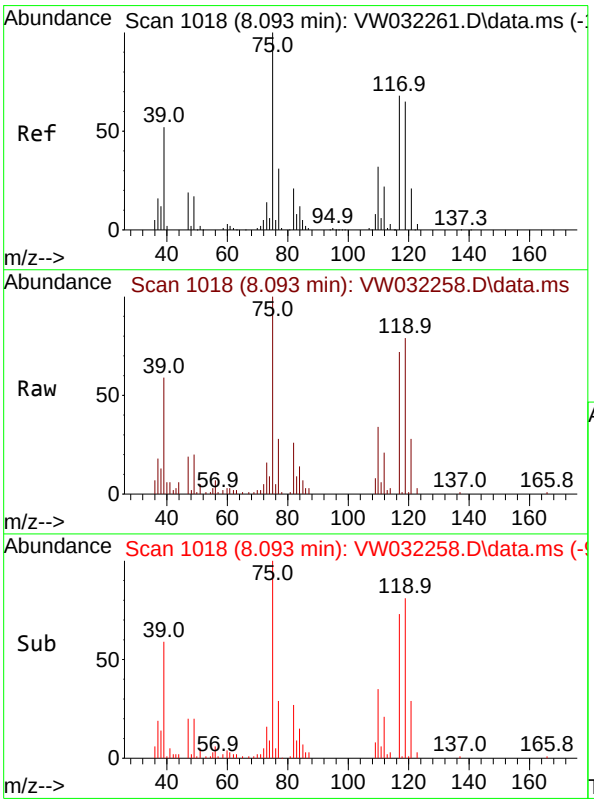
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	17.4	13.0	19.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

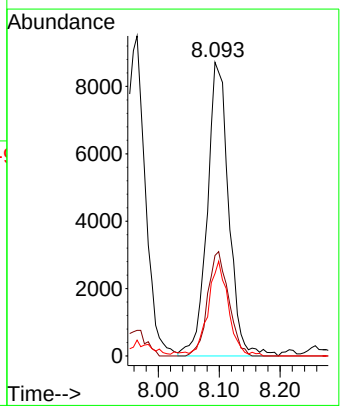
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

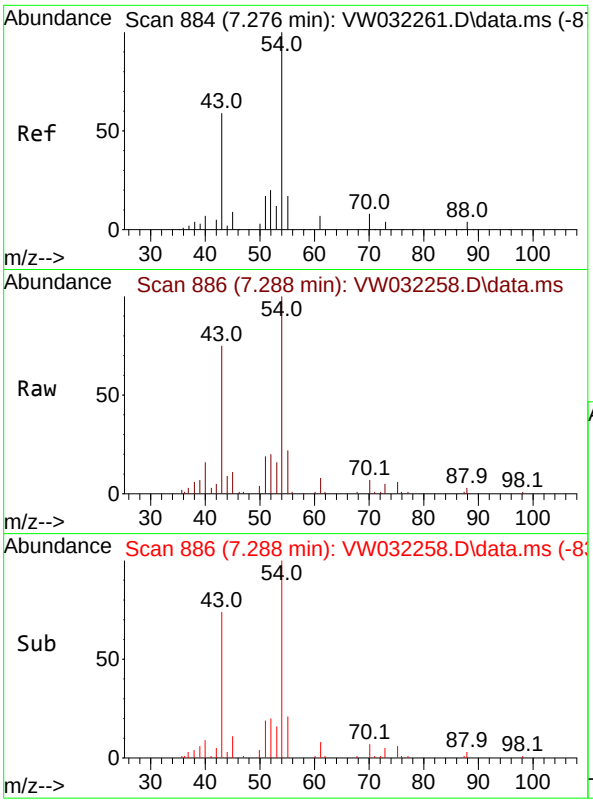


#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 75 Resp: 21420

Ion	Ratio	Lower	Upper
75	100		
110	34.8	16.7	50.1
77	28.6	25.2	37.8





#37
Ethyl Acetate
Concen: 4.861 ug/l
RT: 7.288 min Scan# 8
Delta R.T. 0.012 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

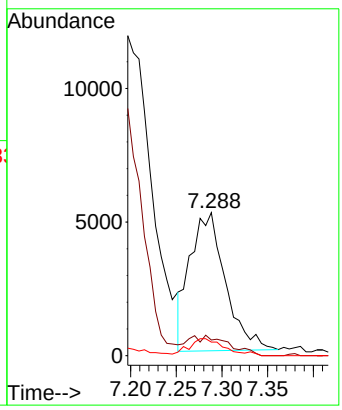
Tgt Ion: 43 Resp: 1392

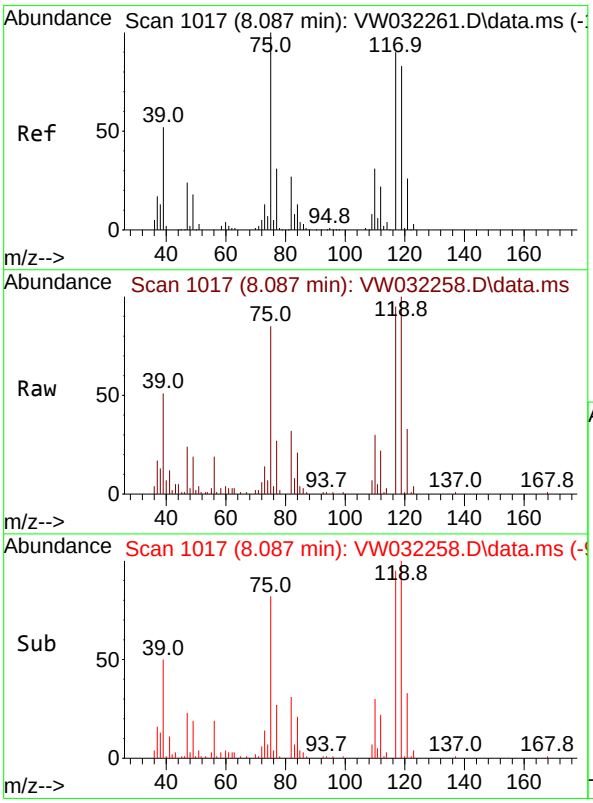
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	12.3	8.5	12.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

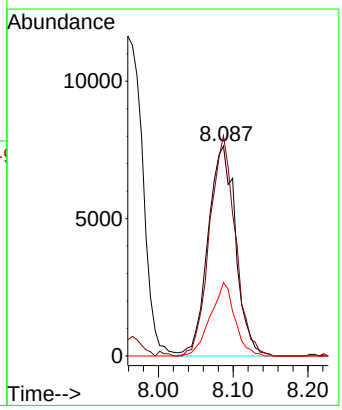


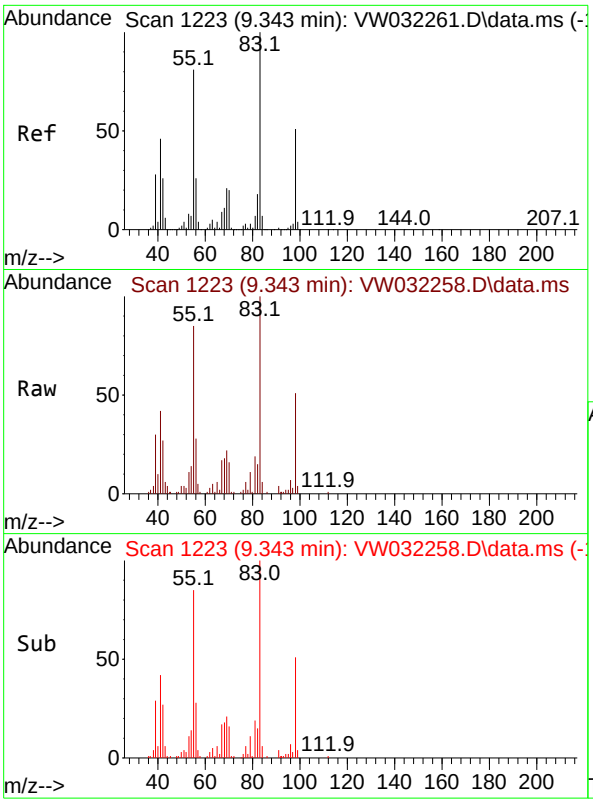


#38
Carbon Tetrachloride
Concen: 4.843 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:117 Resp: 19674

Ion	Ratio	Lower	Upper
117	100		
119	104.8	73.9	110.9
121	35.0	23.0	34.6#

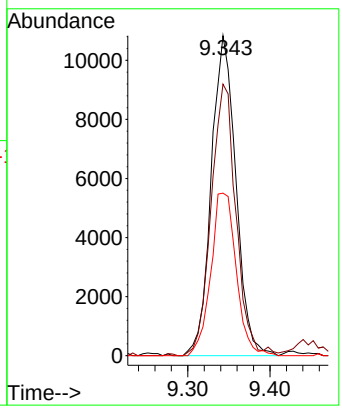




#39
Methylcyclohexane
Concen: 4.515 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 83 Resp: 2256

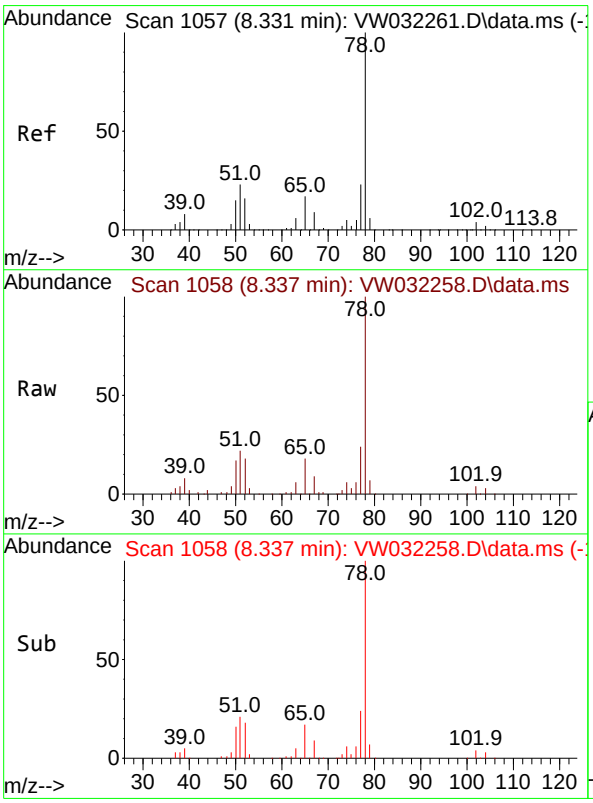
Ion	Ratio	Lower	Upper
83	100		
55	84.8	65.0	97.6
98	50.8	40.8	61.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

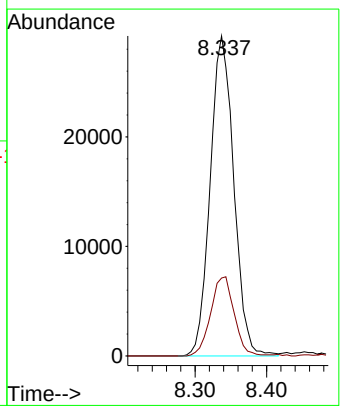
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

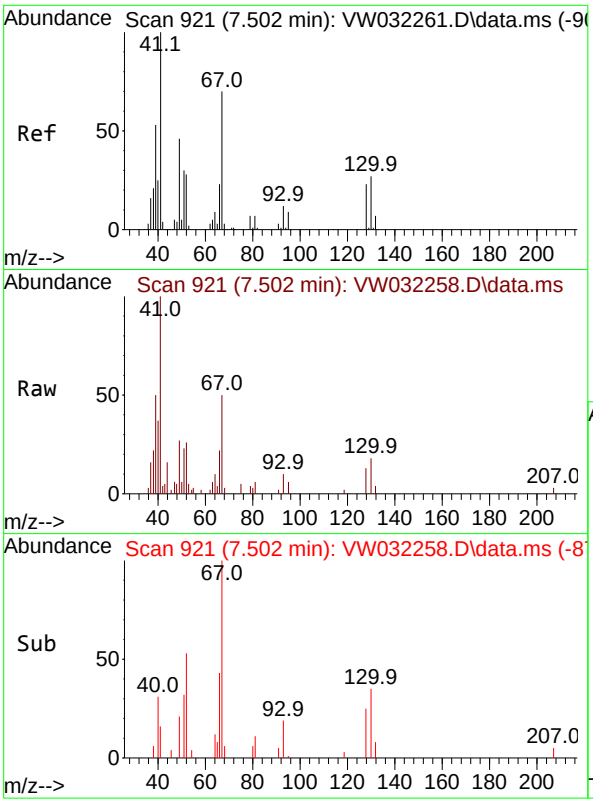


#40
Benzene
Concen: 4.925 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 78 Resp: 66943

Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.7	28.1

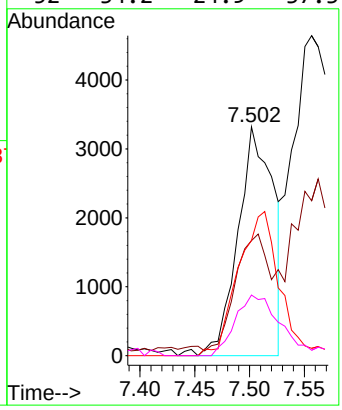




#41
Methacrylonitrile
Concen: 4.549 ug/l
RT: 7.502 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 41 Resp: 746

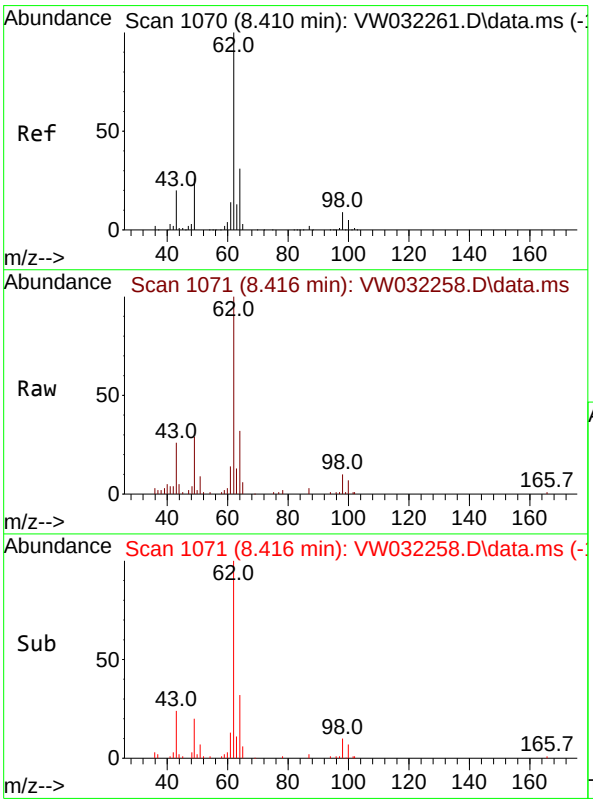
Ion	Ratio	Lower	Upper
41	100		
39	47.3	46.9	70.3
67	73.3	59.0	88.4
52	34.2	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

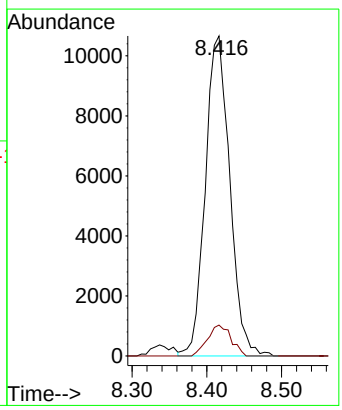
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

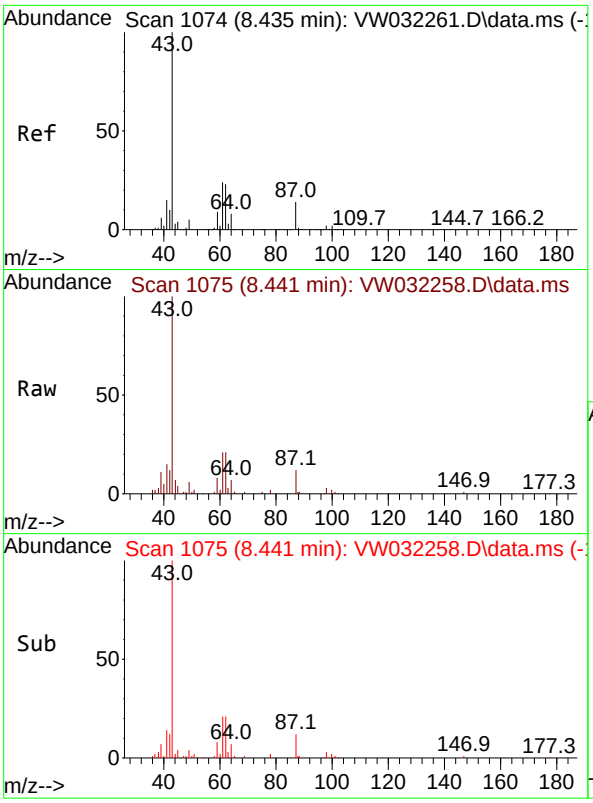


#42
1,2-Dichloroethane
Concen: 5.368 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 62 Resp: 24254

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

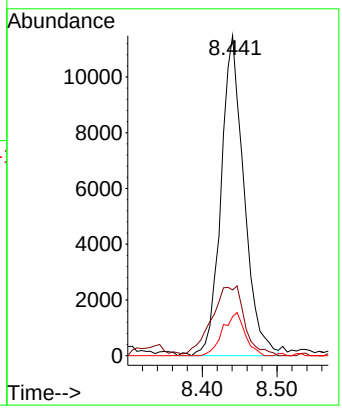




#43
Isopropyl Acetate
Concen: 4.802 ug/l
RT: 8.441 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 43 Resp: 2461

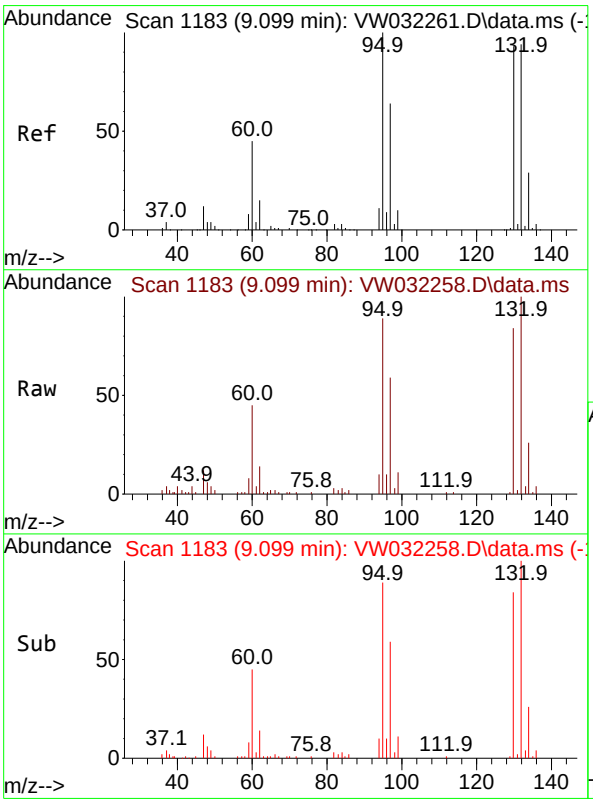
Ion	Ratio	Lower	Upper
43	100		
61	30.9	24.2	36.2
87	13.0	10.6	16.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

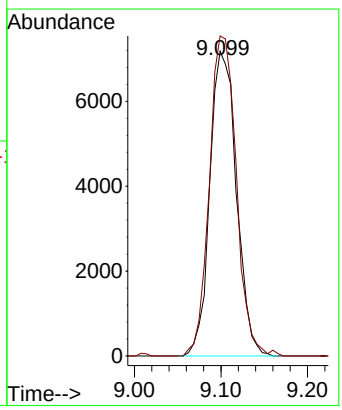
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

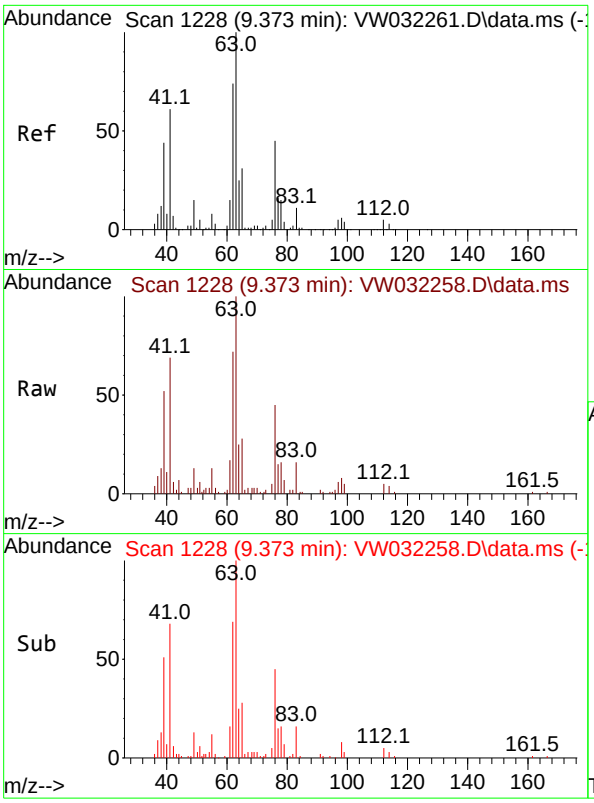


#44
Trichloroethene
Concen: 4.813 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:130 Resp: 15290

Ion	Ratio	Lower	Upper
130	100		
95	105.0	0.0	215.2





#45
1,2-Dichloropropane
Concen: 4.951 ug/l
RT: 9.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

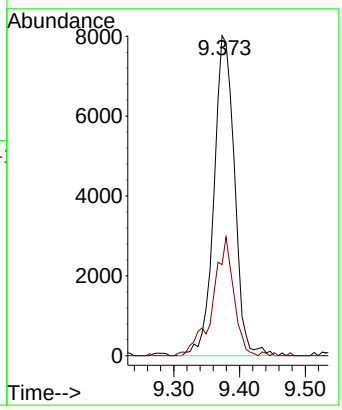
Tgt Ion: 63 Resp: 1743

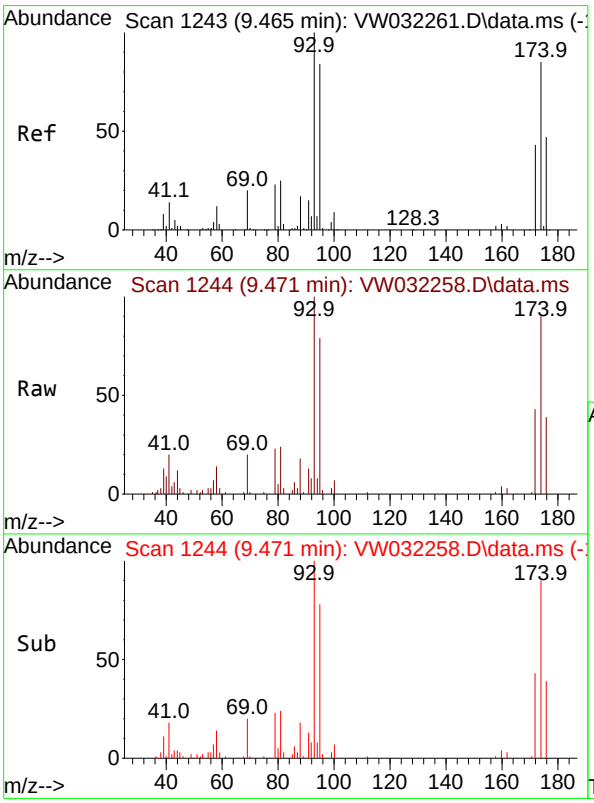
Ion	Ratio	Lower	Upper
63	100		
65	28.4	24.9	37.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

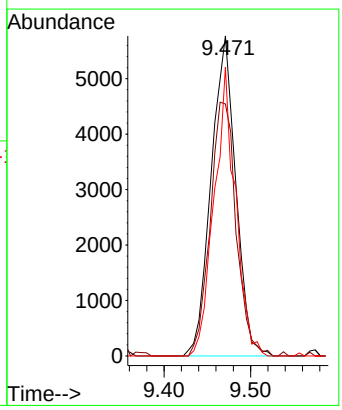


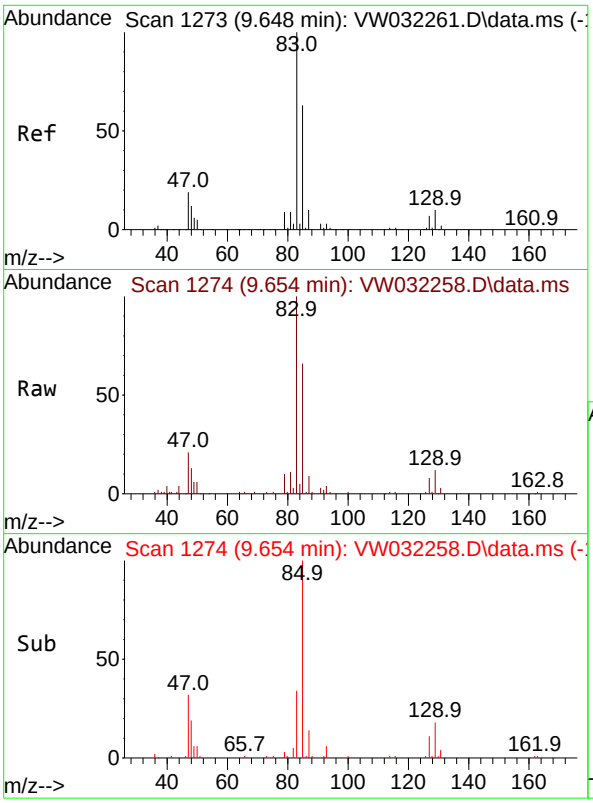


#46
Dibromomethane
Concen: 5.280 ug/l
RT: 9.471 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 93 Resp: 11428

Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.6	99.8
174	78.4	69.0	103.6

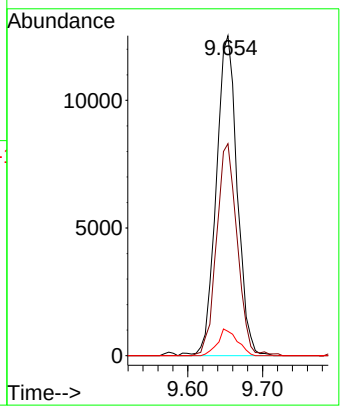




#47
Bromodichloromethane
Concen: 4.950 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 83 Resp: 2443

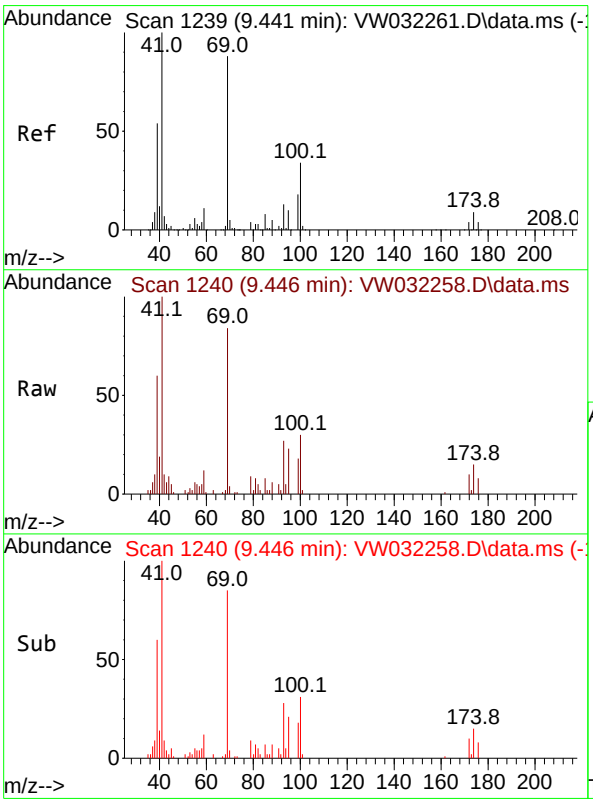
Ion	Ratio	Lower	Upper
83	100		
85	66.3	50.3	75.5
127	7.6	5.6	8.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

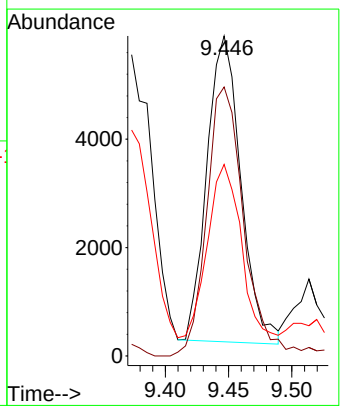
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

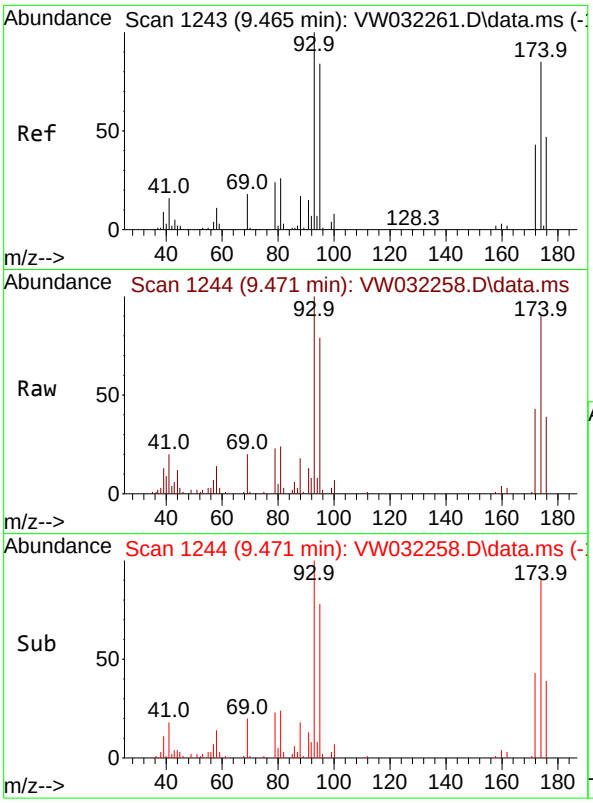


#48
Methyl methacrylate
Concen: 4.362 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 41 Resp: 10520

Ion	Ratio	Lower	Upper
41	100		
69	97.3	71.4	107.0
39	64.2	46.9	70.3

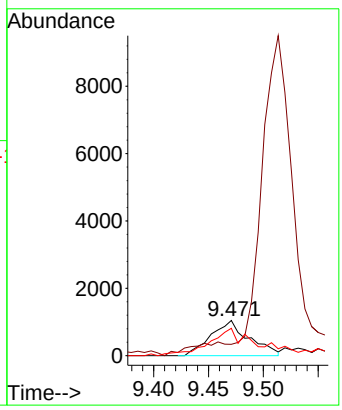




#49
1,4-Dioxane
Concen: 87.105 ug/l
RT: 9.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 88 Resp: 252

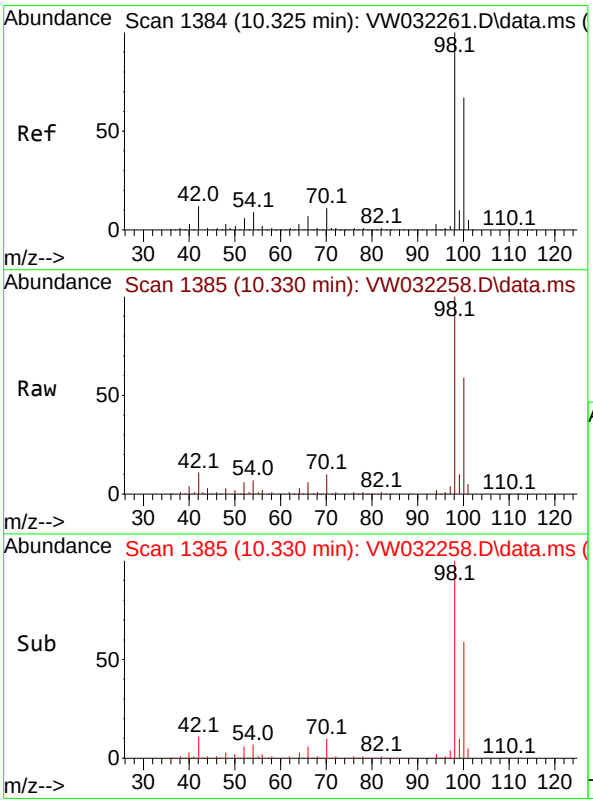
Ion	Ratio	Lower	Upper
88	100		
43	40.1	0.0	0.0
58	79.8	62.9	94.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

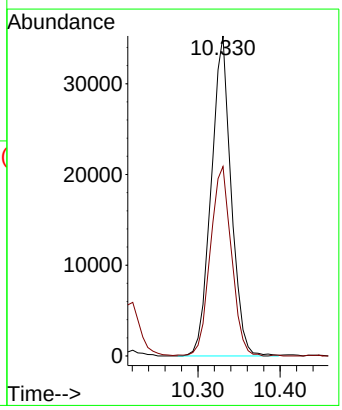
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

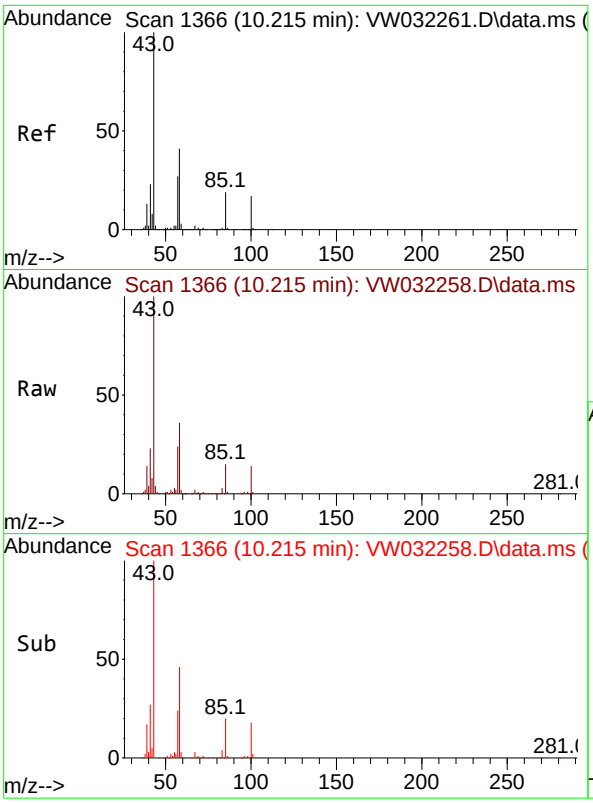


#50
Toluene-d8
Concen: 5.148 ug/l
RT: 10.330 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 98 Resp: 59424

Ion	Ratio	Lower	Upper
98	100		
100	62.7	53.0	79.4

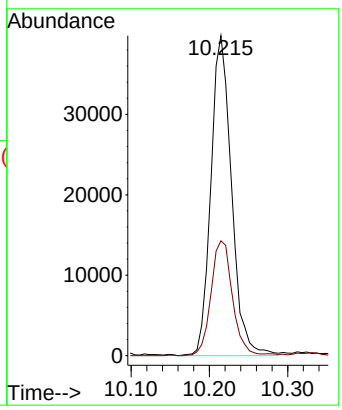




#51
4-Methyl-2-Pentanone
Concen: 23.984 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 43 Resp: 7290

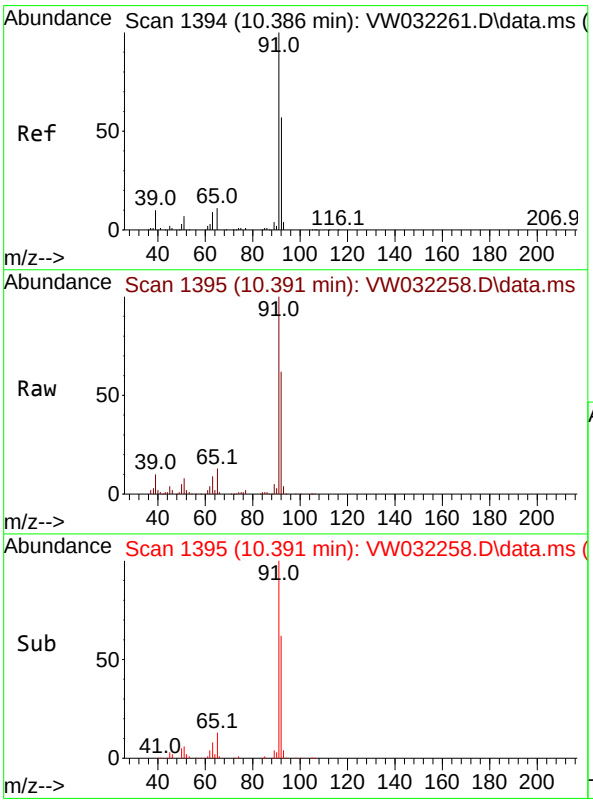
Ion	Ratio	Lower	Upper
43	100		
58	37.7	32.3	48.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

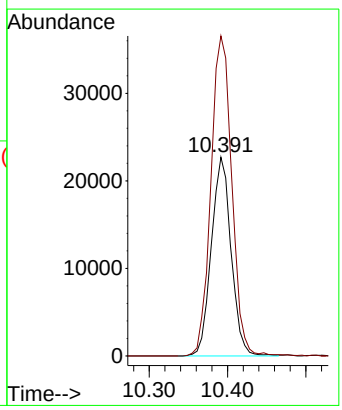
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

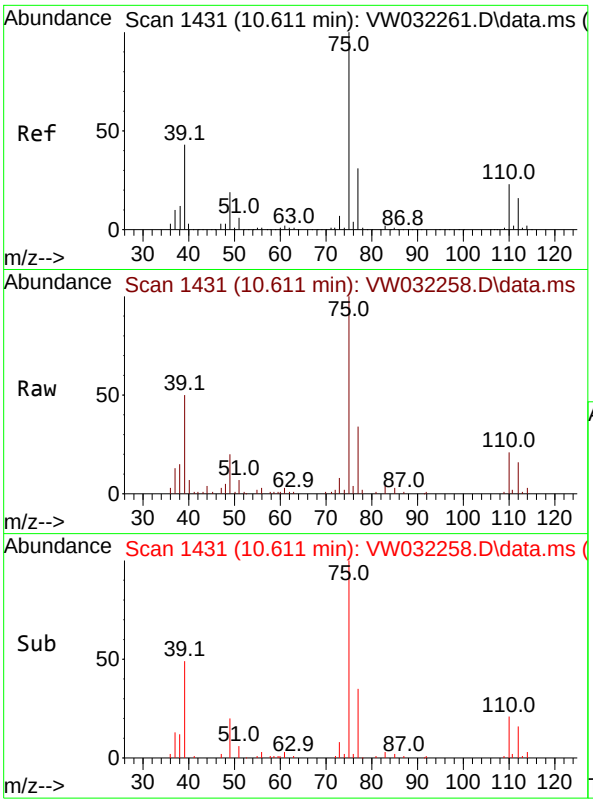


#52
Toluene
Concen: 4.725 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 92 Resp: 39810

Ion	Ratio	Lower	Upper
92	100		
91	170.4	139.2	208.8

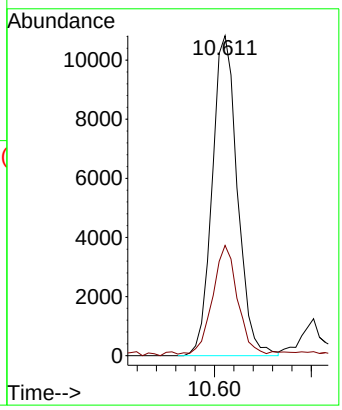




#53
t-1,3-Dichloropropene
Concen: 4.330 ug/l
RT: 10.611 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 75 Resp: 1958

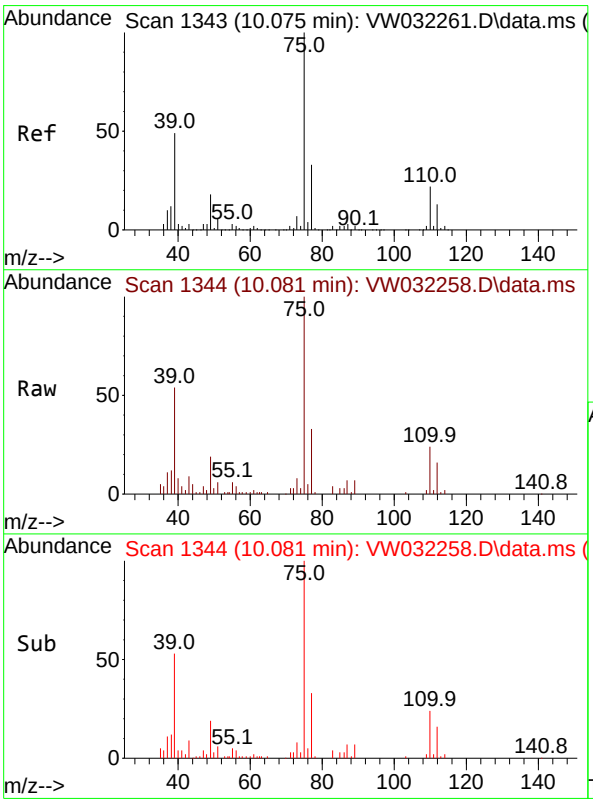
Ion	Ratio	Lower	Upper
75	100		
77	34.0	24.6	37.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

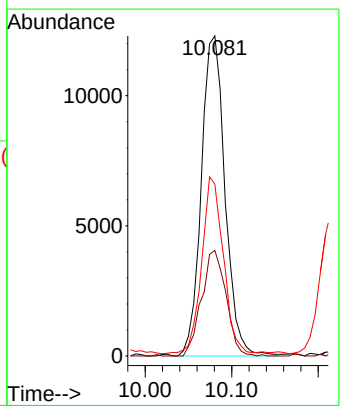
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

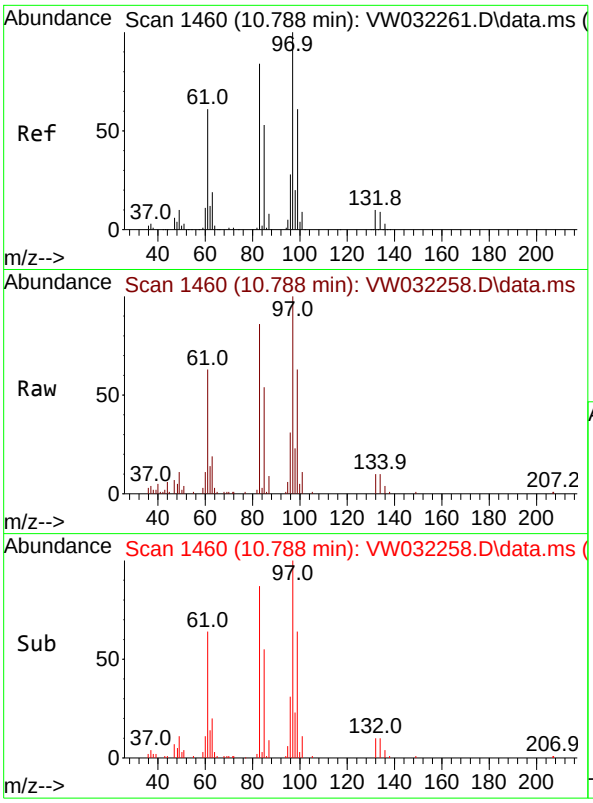


#54
cis-1,3-Dichloropropene
Concen: 4.479 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 75 Resp: 23388

Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.2	39.4
39	52.6	39.0	58.6

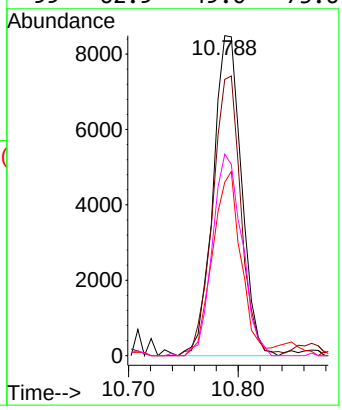




#55
1,1,2-Trichloroethane
Concen: 5.171 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 97 Resp: 1527

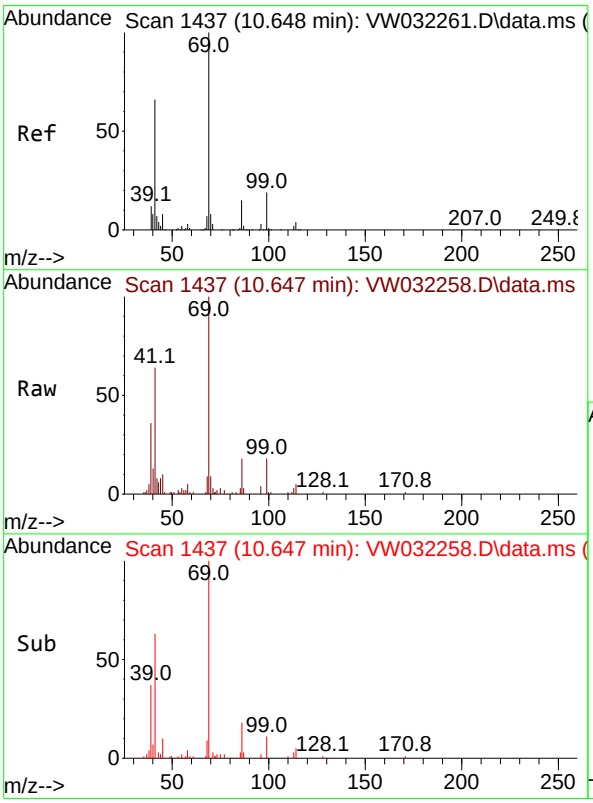
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.2
85	54.2	42.0	63.0
99	62.9	49.0	73.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

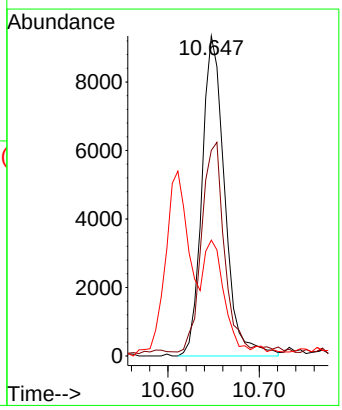
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

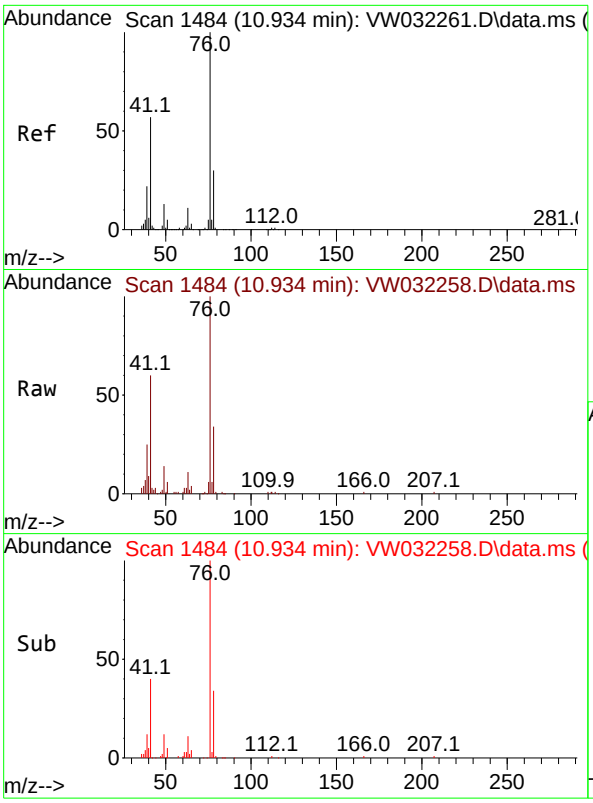


#56
Ethyl methacrylate
Concen: 4.145 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 69 Resp: 16129

Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.7	82.1
39	28.8	26.3	39.5





#57
1,3-Dichloropropane
Concen: 4.908 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

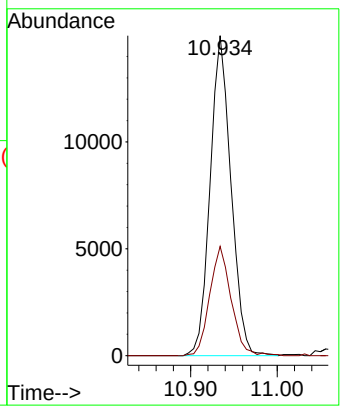
Tgt Ion: 76 Resp: 2505(

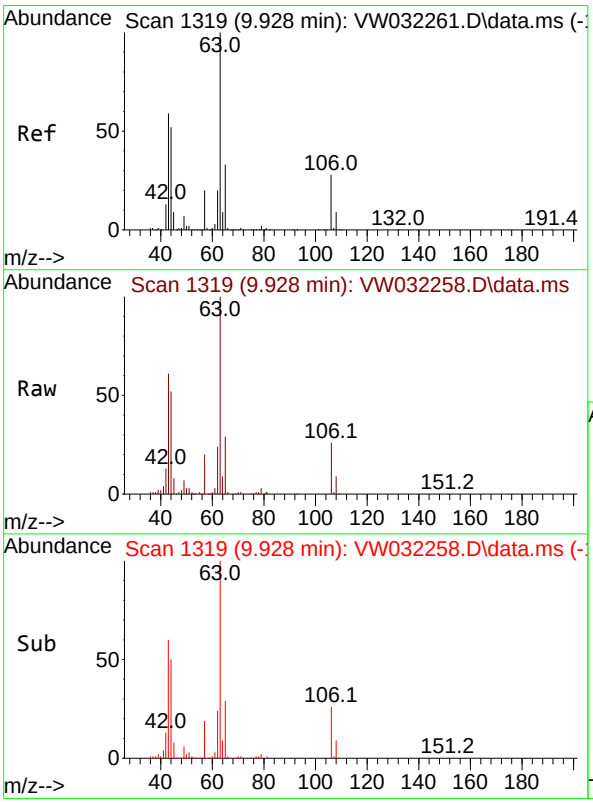
Ion	Ratio	Lower	Upper
76	100		
78	35.1	25.3	37.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

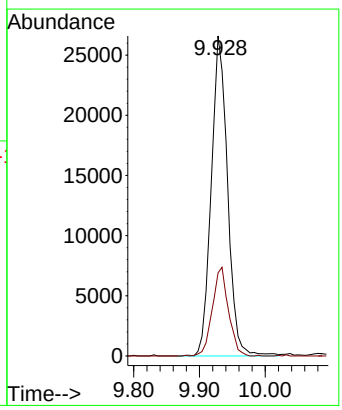


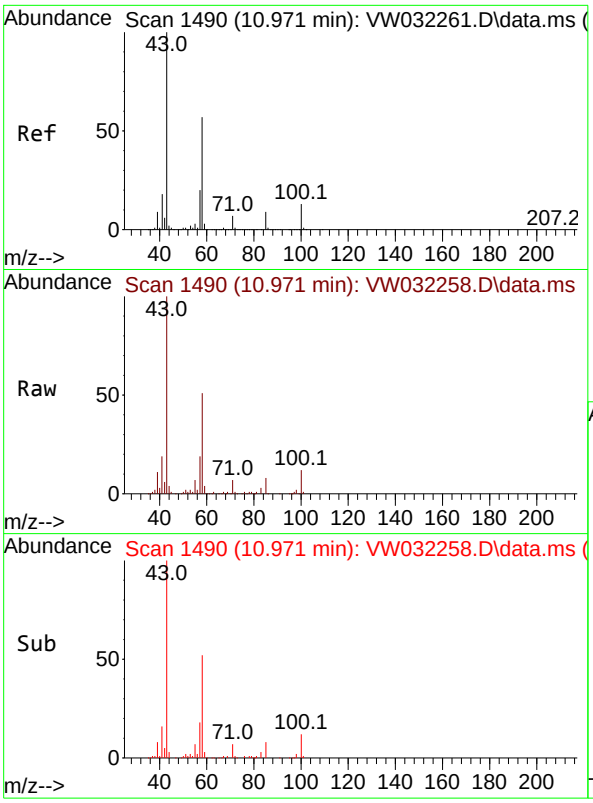


#58
2-Chloroethyl Vinyl ether
Concen: 21.490 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 63 Resp: 45909

Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.5	33.7

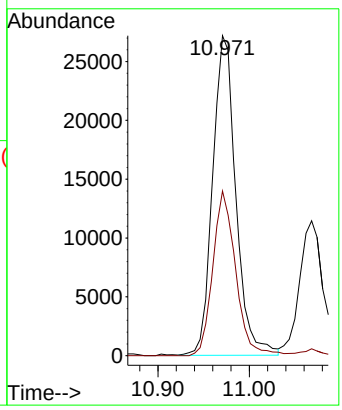




#59
2-Hexanone
Concen: 23.086 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 43 Resp: 4791

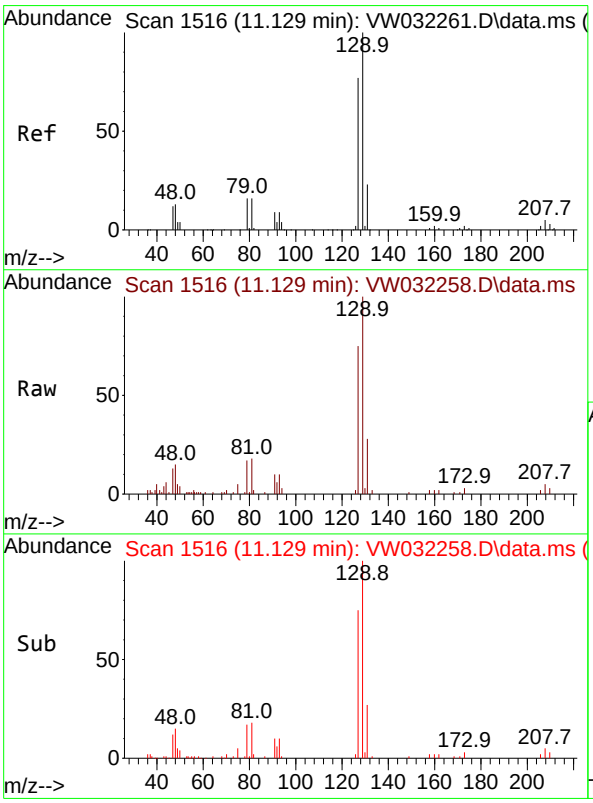
Ion	Ratio	Lower	Upper
43	100		
58	50.9	27.9	83.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

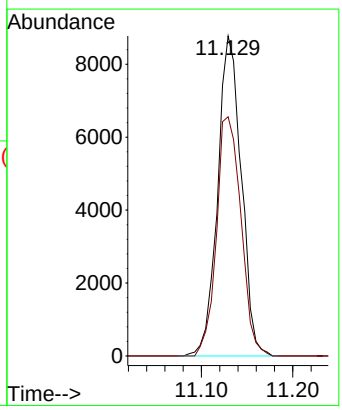
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

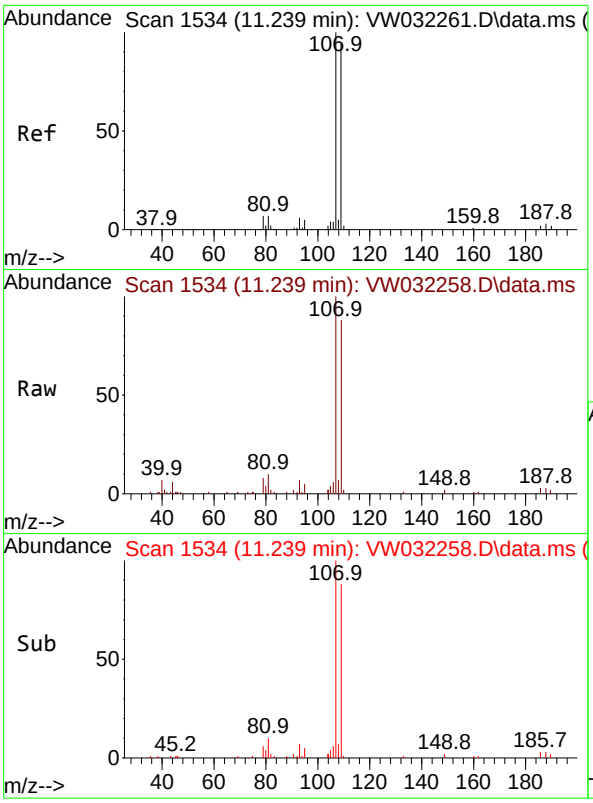


#60
Dibromochloromethane
Concen: 4.854 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:129 Resp: 15750

Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.3	117.8

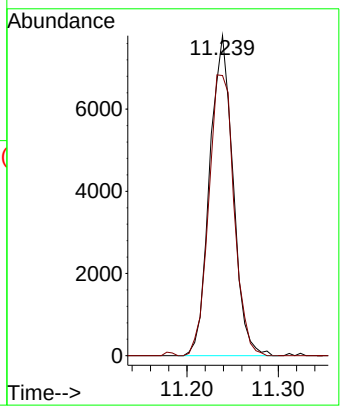




#61
1,2-Dibromoethane
Concen: 4.933 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:107 Resp: 1380

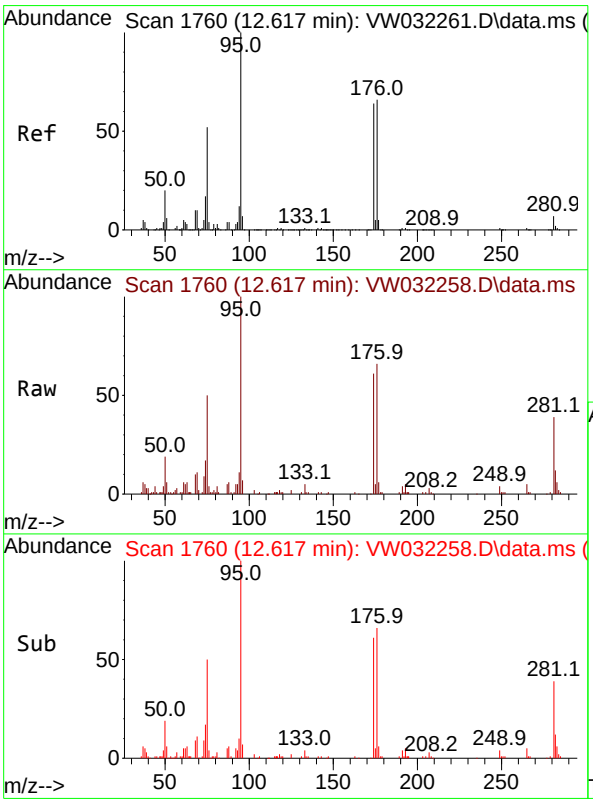
Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.1	111.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

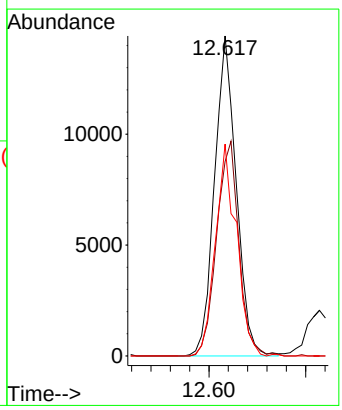
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

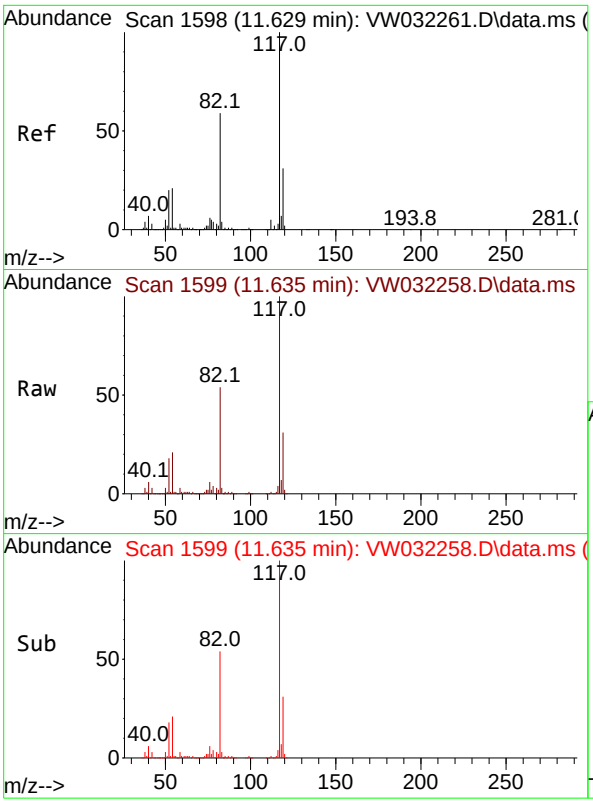


#62
4-Bromofluorobenzene
Concen: 5.169 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 95 Resp: 22506

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	130.6
176	64.0	0.0	127.0

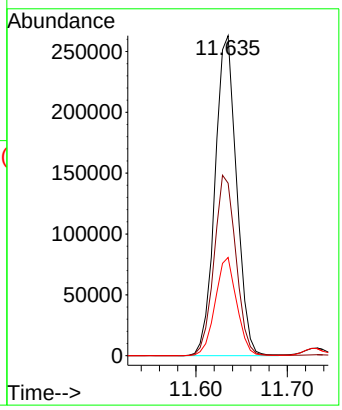




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:117 Resp: 43149

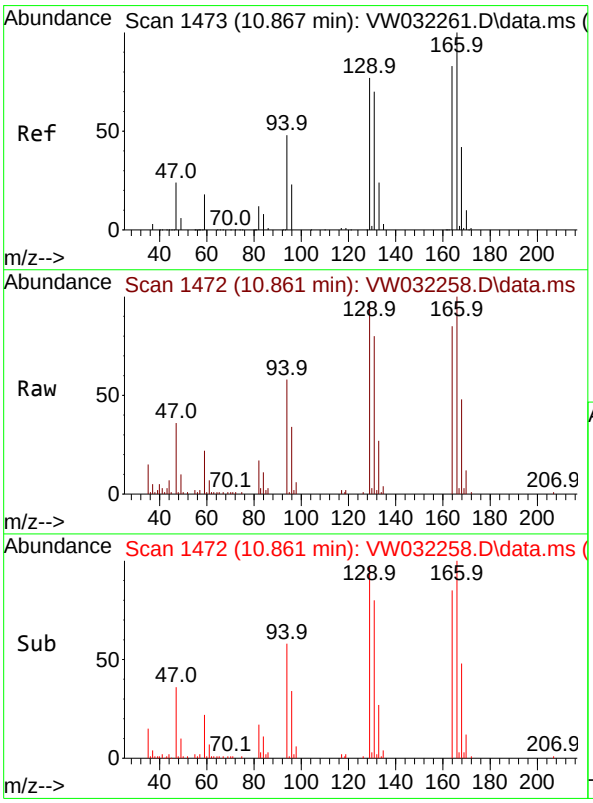
Ion	Ratio	Lower	Upper
117	100		
82	53.9	46.9	70.3
119	30.7	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

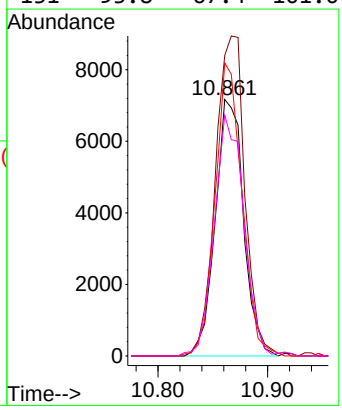
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

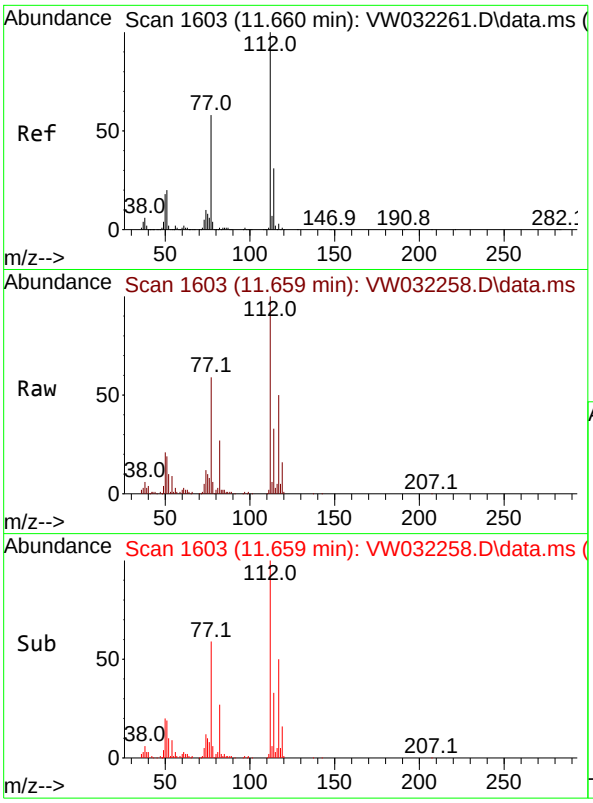


#64
Tetrachloroethene
Concen: 4.875 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:164 Resp: 12819

Ion	Ratio	Lower	Upper
164	100		
166	117.2	96.9	145.3
129	114.2	75.0	112.4#
131	93.8	67.4	101.0

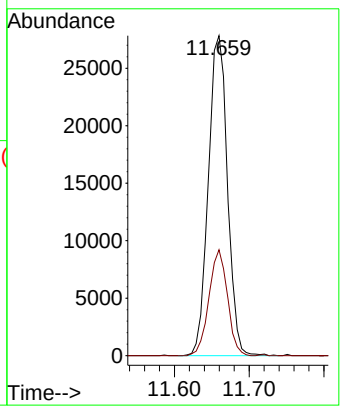




#65
Chlorobenzene
Concen: 4.975 ug/l
RT: 11.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:112 Resp: 4944

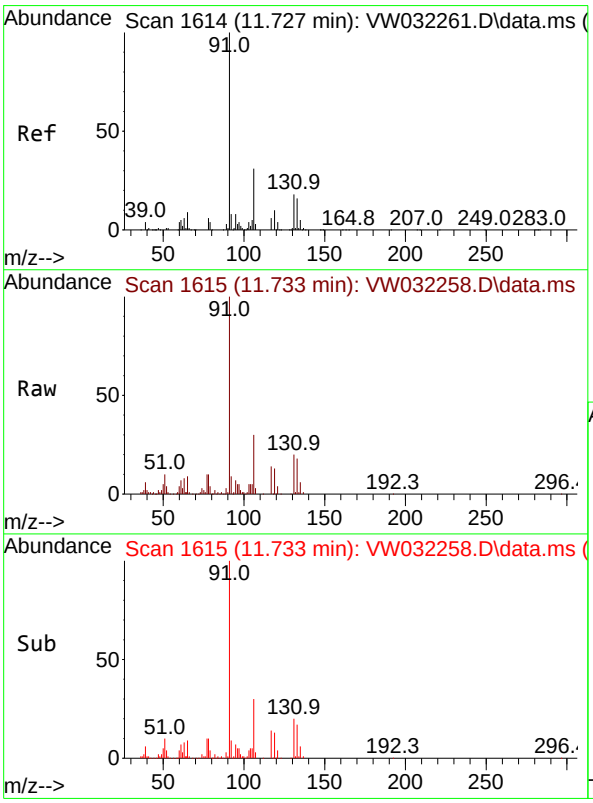
Ion	Ratio	Lower	Upper
112	100		
114	33.1	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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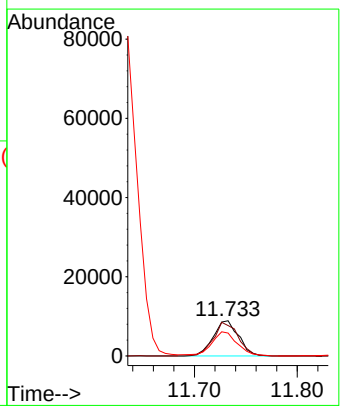
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

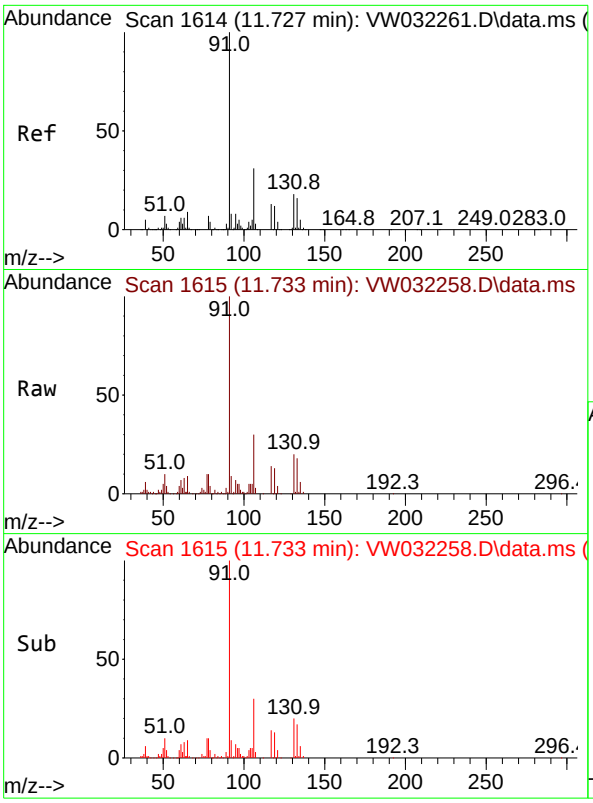


#66
1,1,1,2-Tetrachloroethane
Concen: 4.854 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:131 Resp: 15257

Ion	Ratio	Lower	Upper
131	100		
133	93.5	47.1	141.3
119	69.3	33.9	101.7

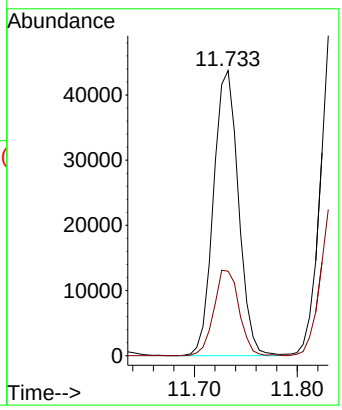




#67
Ethyl Benzene
Concen: 4.535 ug/l
RT: 11.733 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 91 Resp: 7377

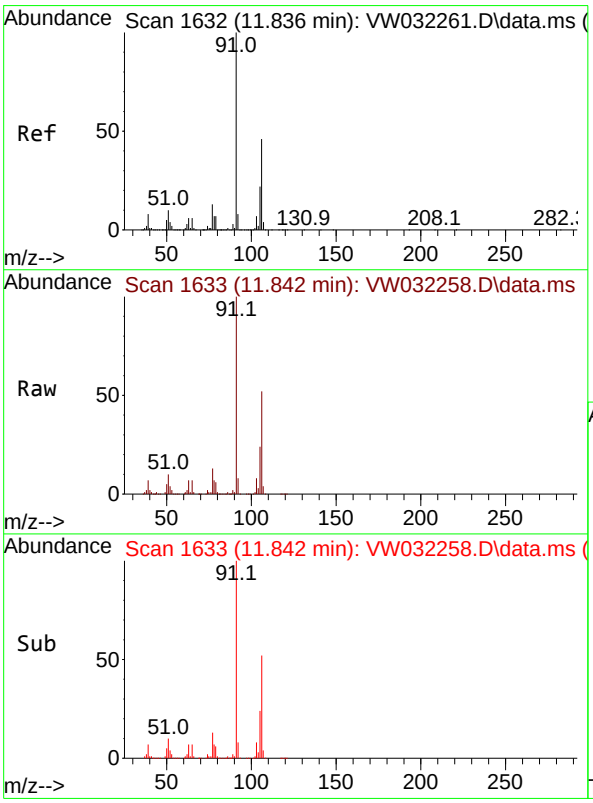
Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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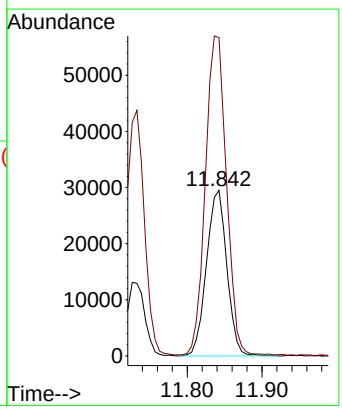
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

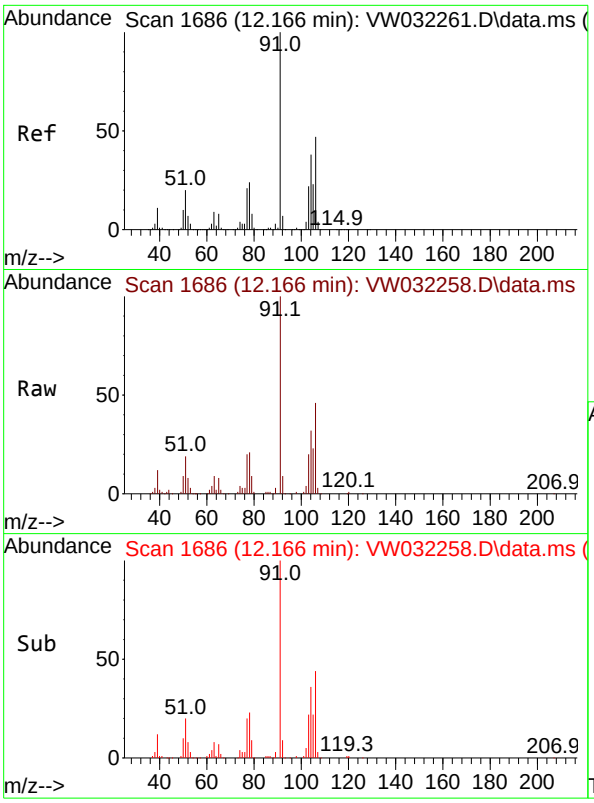


#68
m/p-Xylenes
Concen: 8.952 ug/l
RT: 11.842 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:106 Resp: 55830

Ion	Ratio	Lower	Upper
106	100		
91	200.2	169.0	253.4





#69
o-Xylene
Concen: 4.343 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

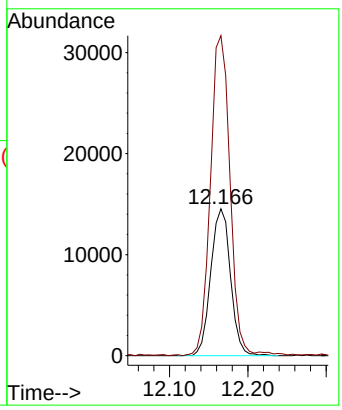
Tgt Ion:106 Resp: 2545

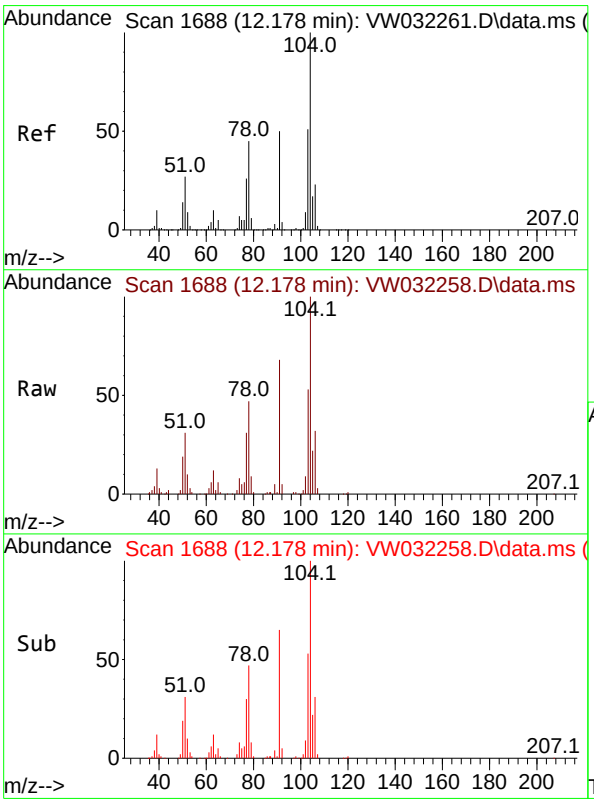
Ion	Ratio	Lower	Upper
106	100		
91	213.2	107.8	323.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

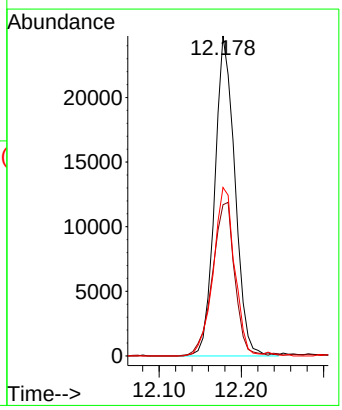


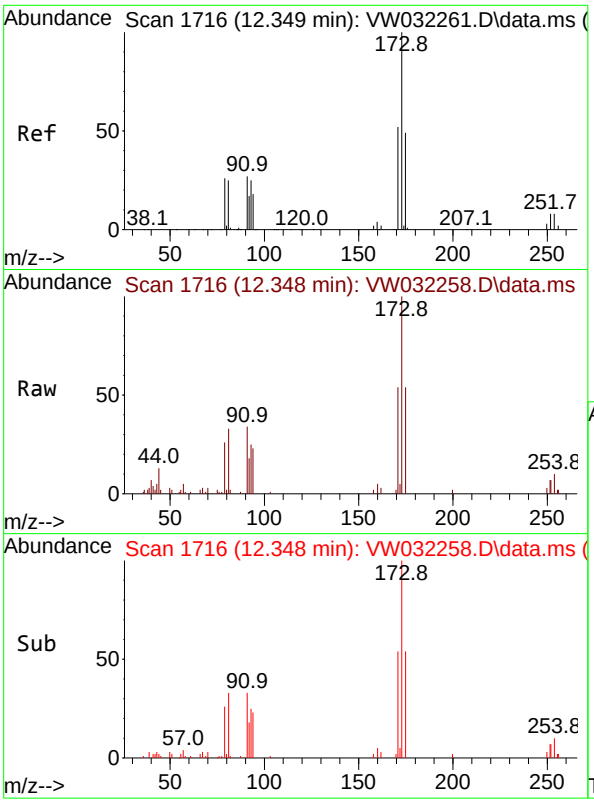


#70
Styrene
Concen: 4.102 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:104 Resp: 42166

Ion	Ratio	Lower	Upper
104	100		
78	53.1	40.8	61.2
103	55.8	43.4	65.2

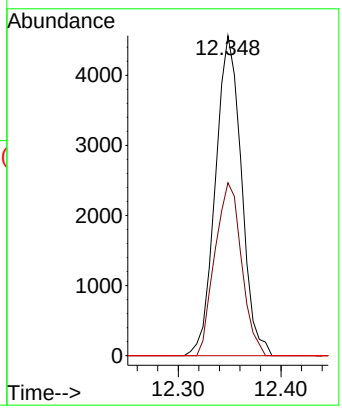




#71
Bromoform
Concen: 4.377 ug/l
RT: 12.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:173 Resp: 801

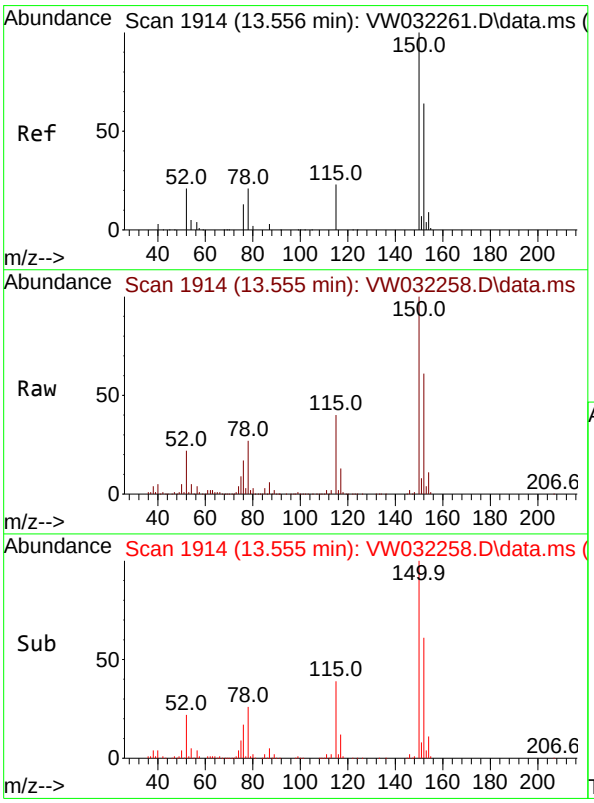
Ion	Ratio	Lower	Upper
173	100		
175	55.4	23.1	69.2
254	0.0	0.1	0.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

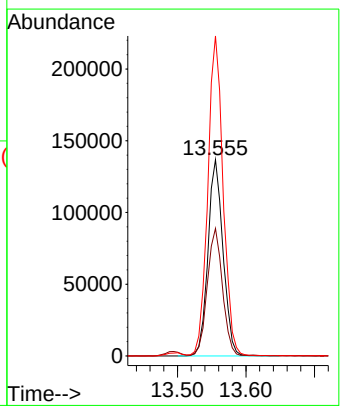
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

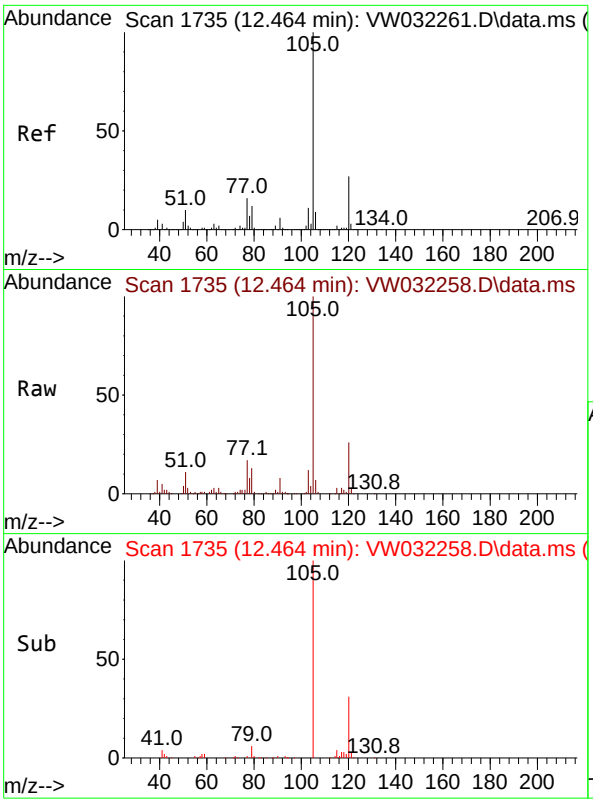


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:152 Resp: 209227

Ion	Ratio	Lower	Upper
152	100		
115	65.2	32.5	97.5
150	165.0	0.0	370.2

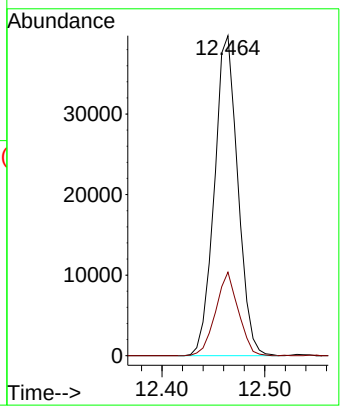




#73
Isopropylbenzene
Concen: 4.318 ug/l
RT: 12.464 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:105 Resp: 6288

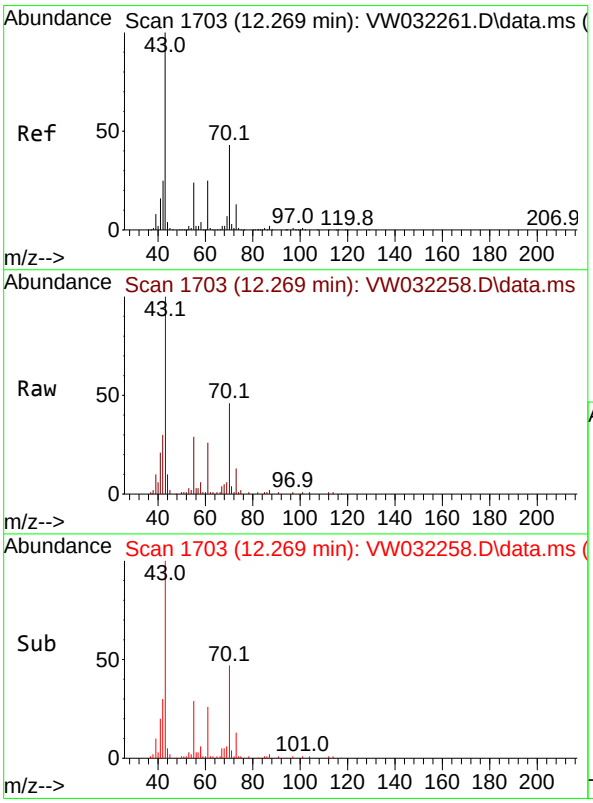
Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

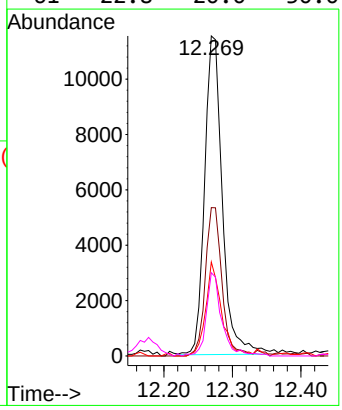
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

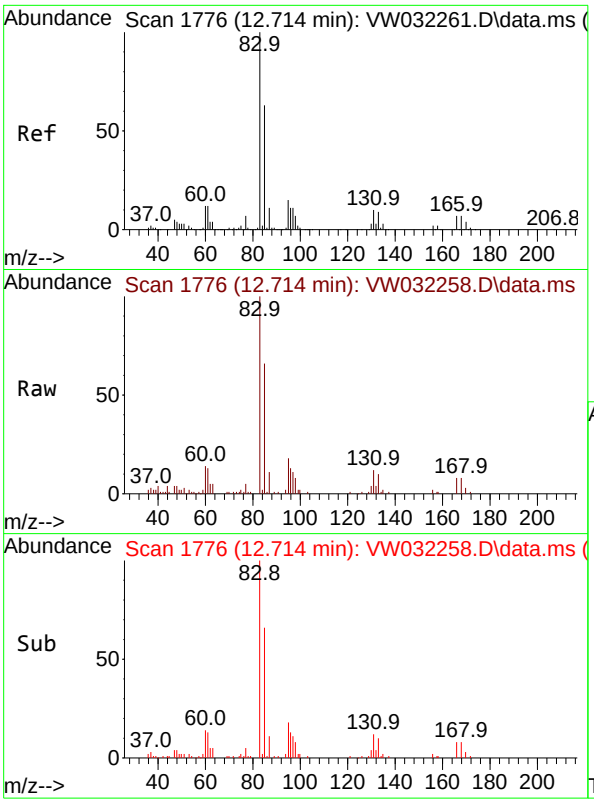


#74
N-amyl acetate
Concen: 4.541 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 43 Resp: 20827

Ion	Ratio	Lower	Upper
43	100		
70	43.5	35.0	52.4
55	26.2	20.6	31.0
61	22.8	20.0	30.0

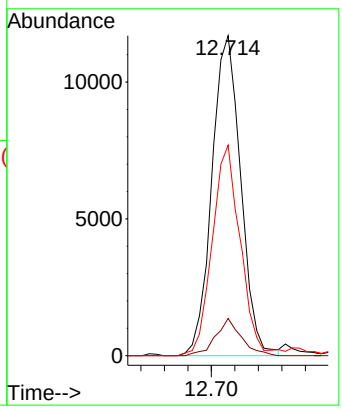




#75
1,1,2,2-Tetrachloroethane
Concen: 5.233 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 83 Resp: 1997

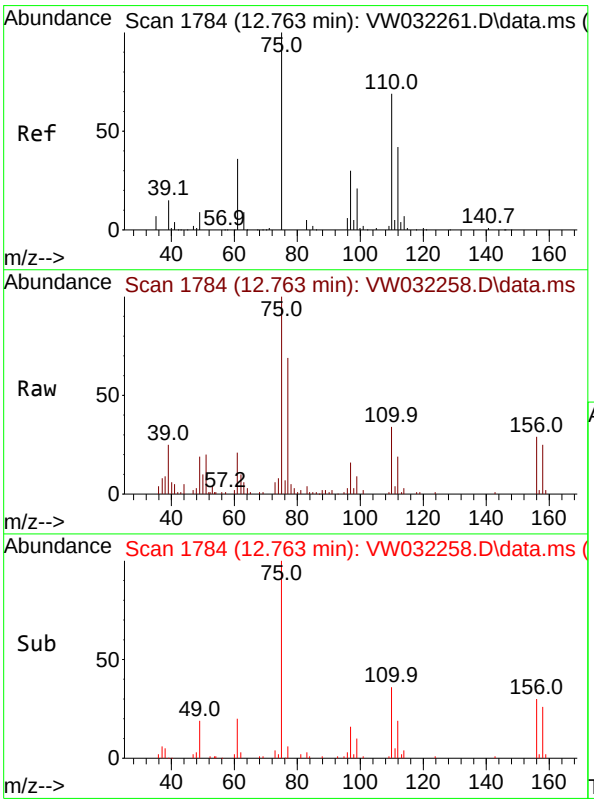
Ion	Ratio	Lower	Upper
83	100		
131	10.4	4.9	14.7
85	63.6	31.9	95.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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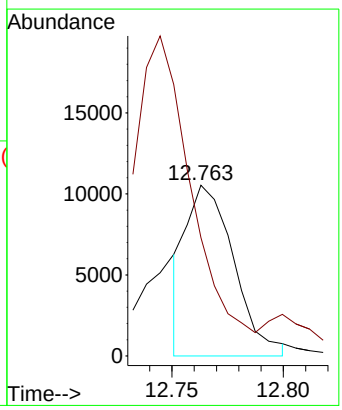
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

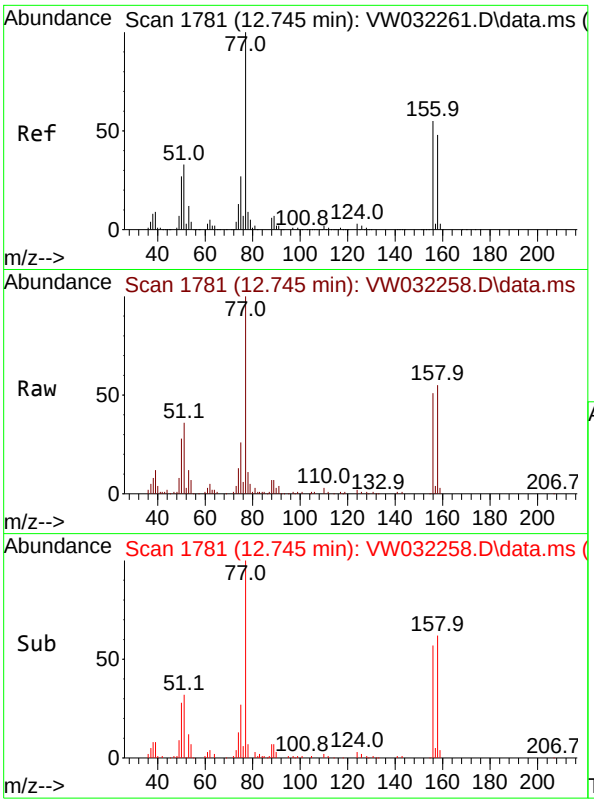


#76
1,2,3-Trichloropropane
Concen: 4.781 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 75 Resp: 15732

Ion	Ratio	Lower	Upper
75	100		
77	238.9	140.9	422.7





#77
Bromobenzene
Concen: 4.858 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

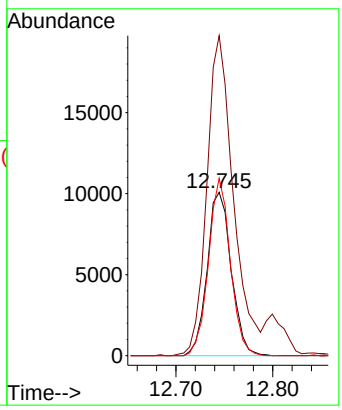
Tgt Ion:156 Resp: 1740

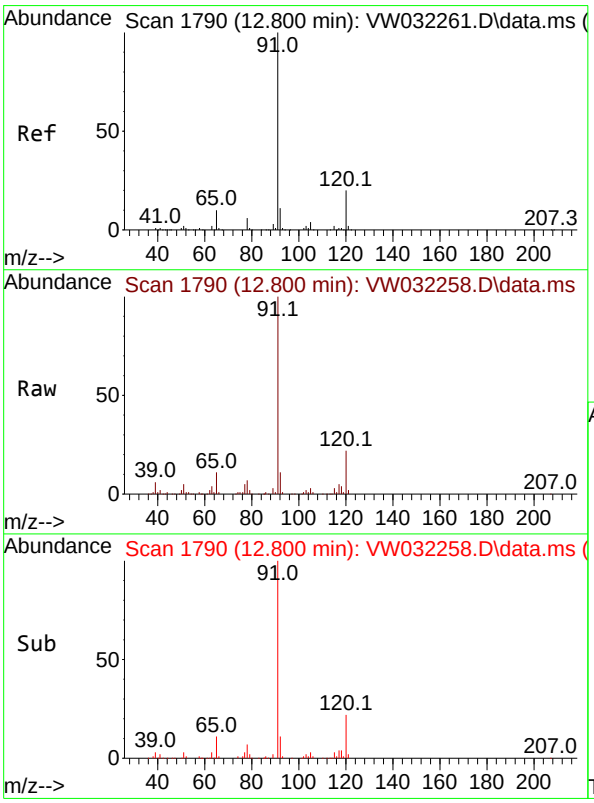
Ion	Ratio	Lower	Upper
156	100		
77	216.0	103.3	309.8
158	98.8	45.4	136.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

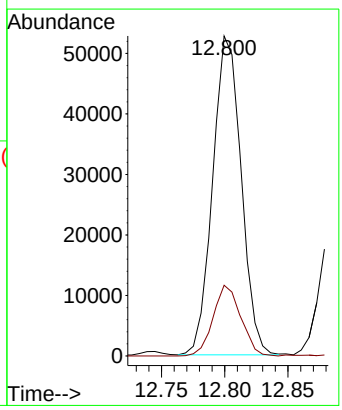


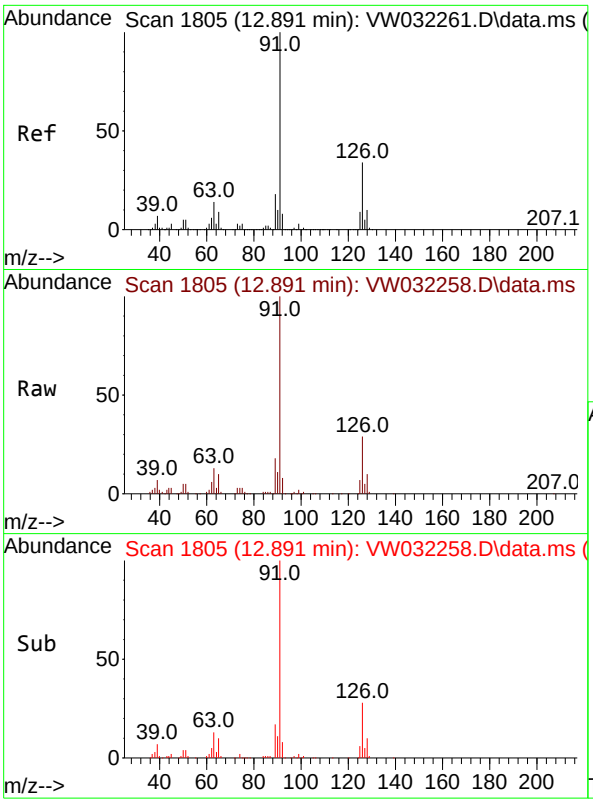


#78
n-propylbenzene
Concen: 4.508 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 91 Resp: 82458

Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.9	32.9

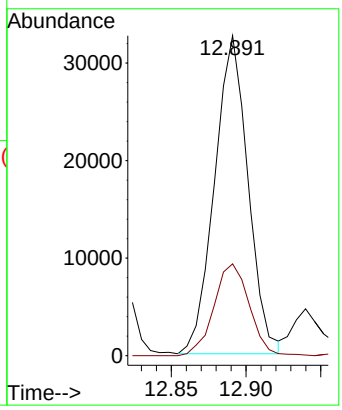




#79
2-Chlorotoluene
Concen: 4.584 ug/l
RT: 12.891 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 91 Resp: 5079

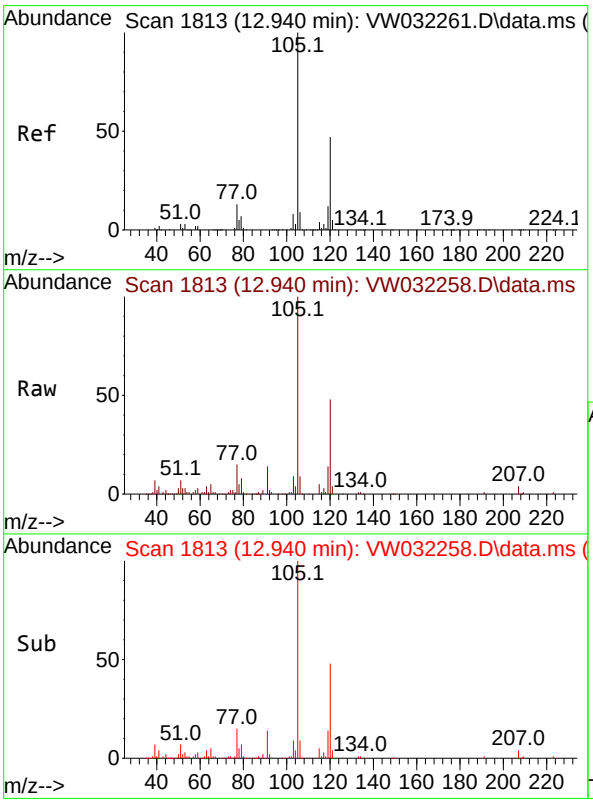
Ion	Ratio	Lower	Upper
91	100		
126	30.4	16.3	48.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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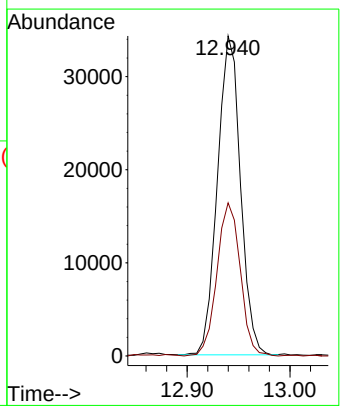
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

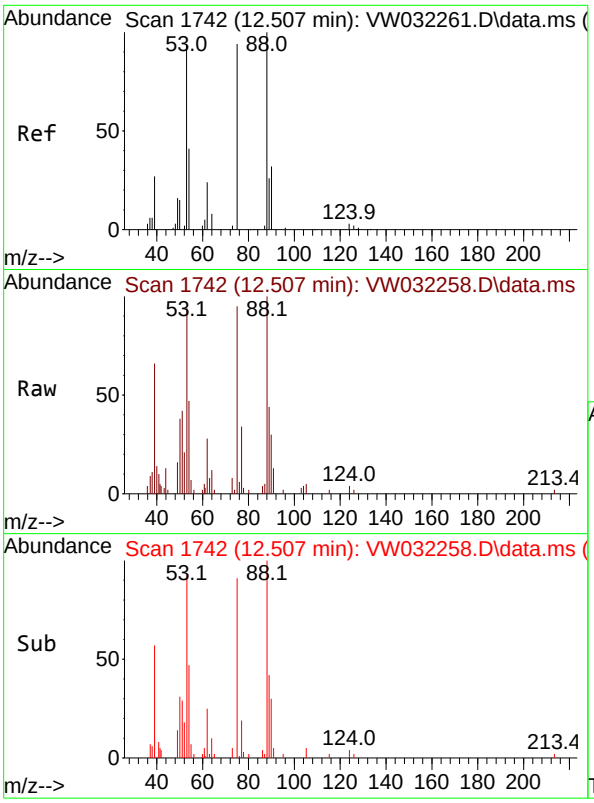


#80
1,3,5-Trimethylbenzene
Concen: 4.275 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:105 Resp: 53227

Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.329 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

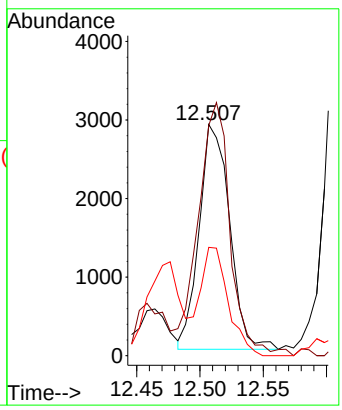
Tgt Ion: 75 Resp: 479

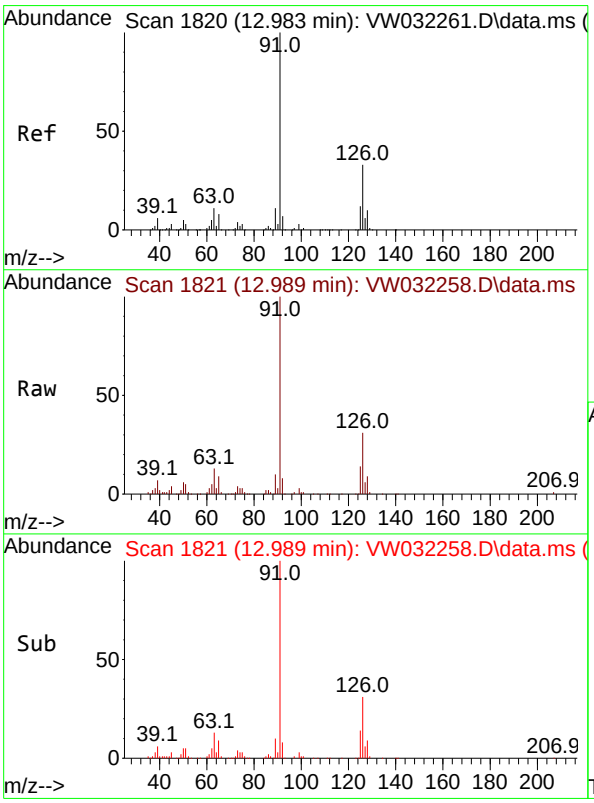
Ion	Ratio	Lower	Upper
75	100		
53	119.6	81.4	122.2
89	45.9	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

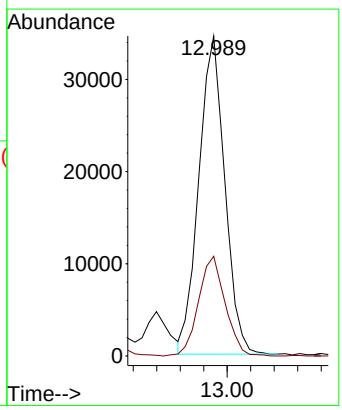


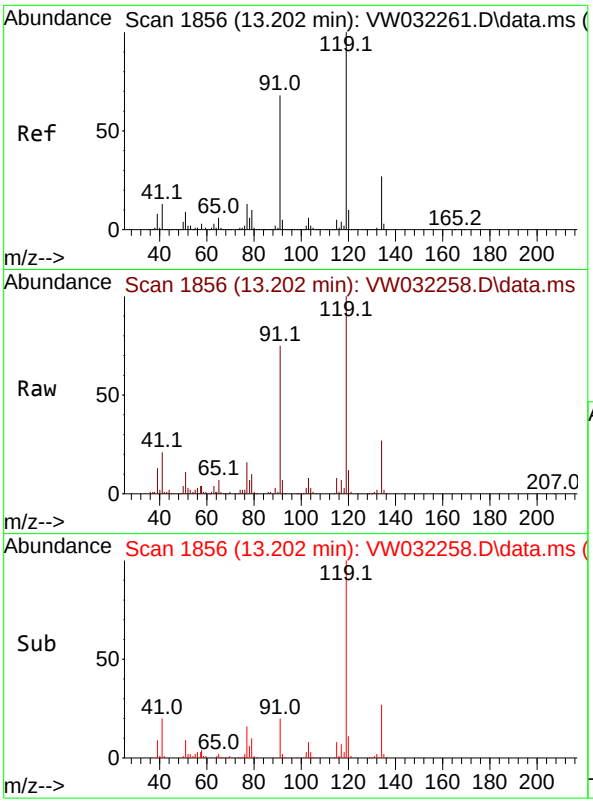


#82
4-Chlorotoluene
Concen: 4.521 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 91 Resp: 52940

Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.5	49.5

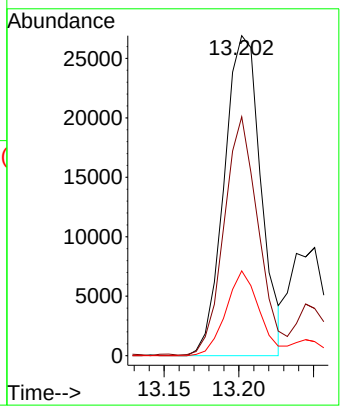




#83
tert-Butylbenzene
Concen: 4.412 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:119 Resp: 4594

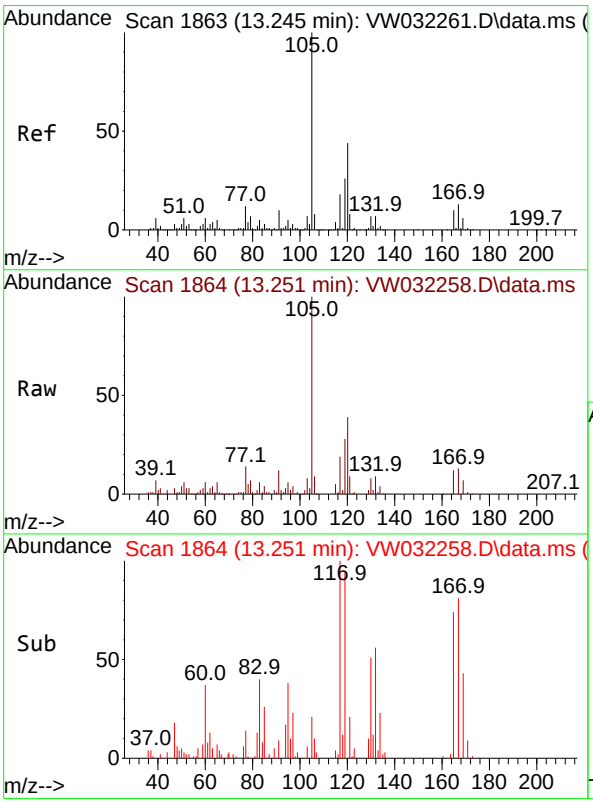
Ion	Ratio	Lower	Upper
119	100		
91	70.5	35.5	106.5
134	24.5	13.5	40.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

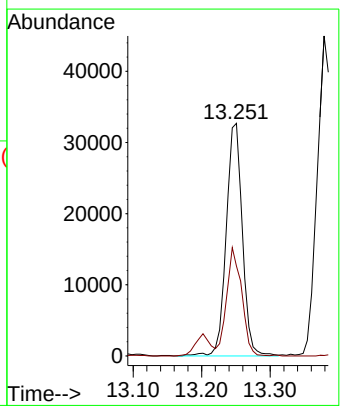
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

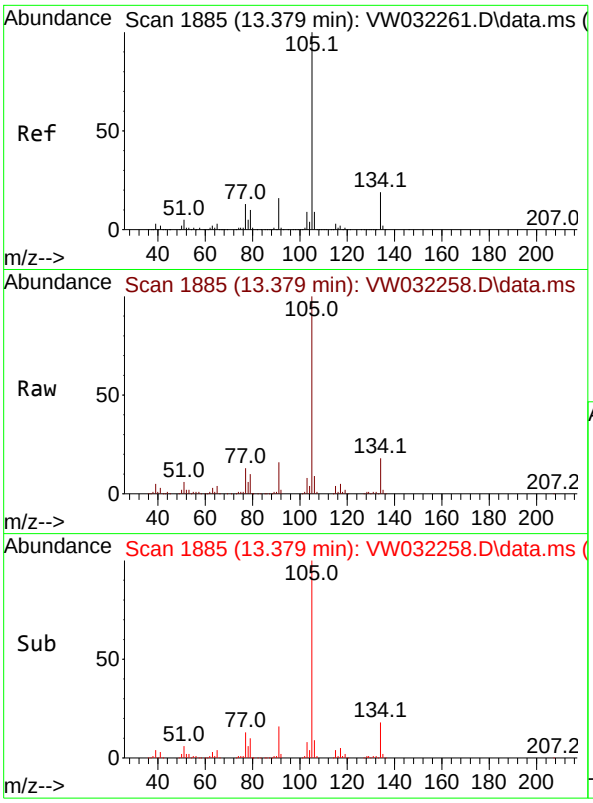


#84
1,2,4-Trimethylbenzene
Concen: 4.233 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:105 Resp: 53509

Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.8	68.3

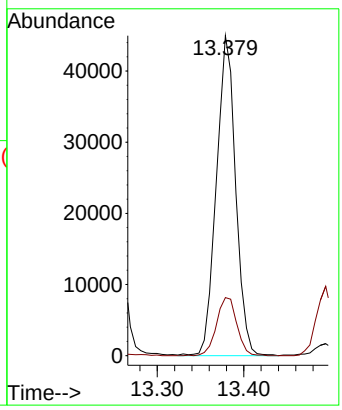




#85
sec-Butylbenzene
Concen: 4.448 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:105 Resp: 6954

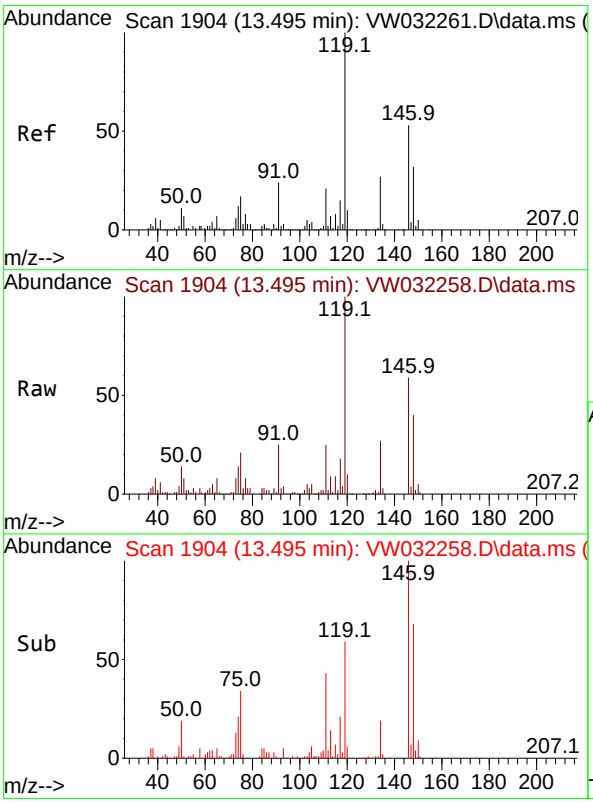
Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

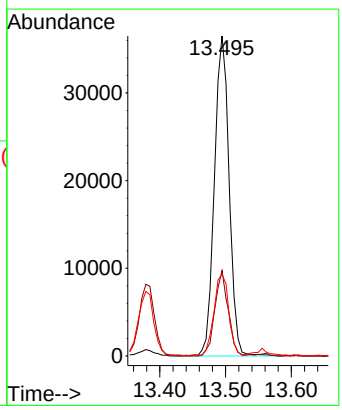
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

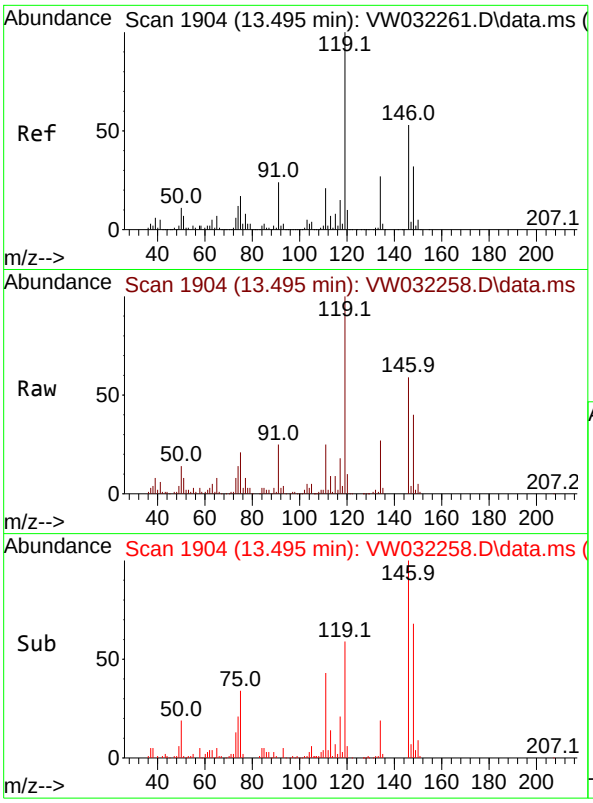


#86
p-Isopropyltoluene
Concen: 4.395 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:119 Resp: 56914

Ion	Ratio	Lower	Upper
119	100		
134	24.1	12.5	37.5
91	26.0	12.1	36.3

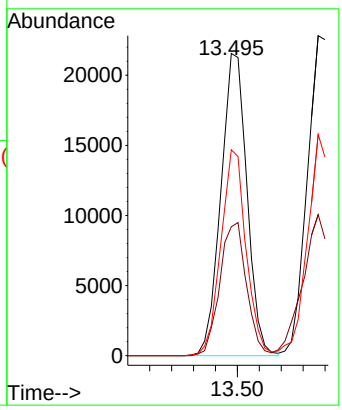




#87
1,3-Dichlorobenzene
Concen: 5.020 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:146 Resp: 3556

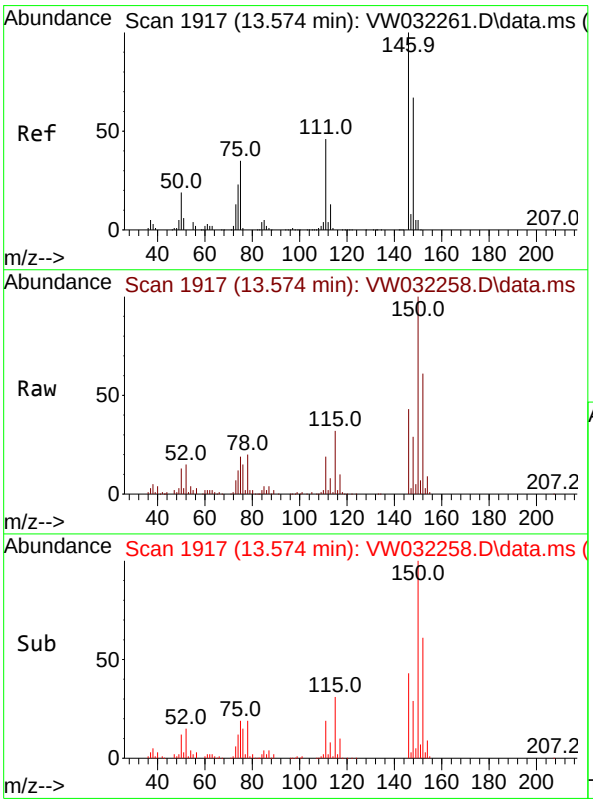
Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.9	65.5
148	65.9	31.9	95.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

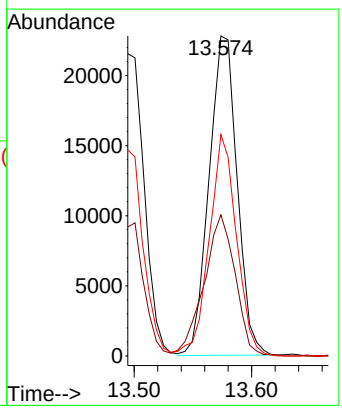
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

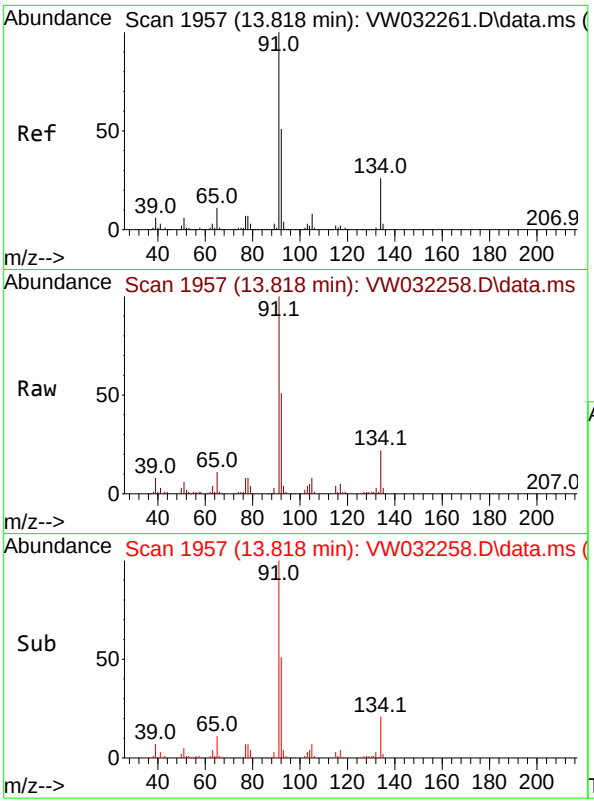


#88
1,4-Dichlorobenzene
Concen: 5.235 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:146 Resp: 37891

Ion	Ratio	Lower	Upper
146	100		
111	49.1	22.4	67.2
148	67.3	34.4	103.1

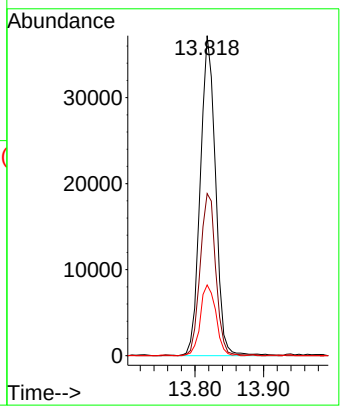




#89
n-Butylbenzene
Concen: 4.434 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 91 Resp: 5762

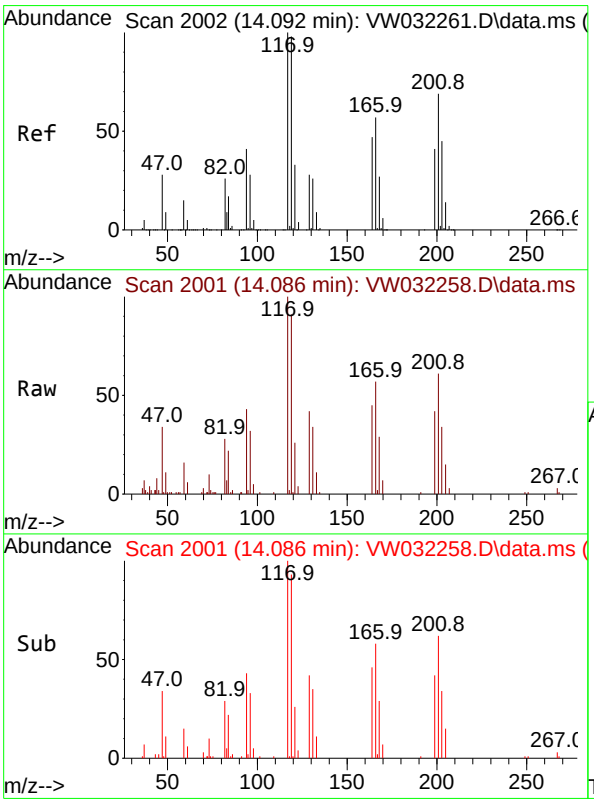
Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.7	80.1
134	22.7	12.3	36.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

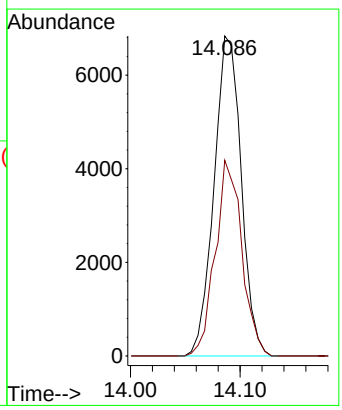
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

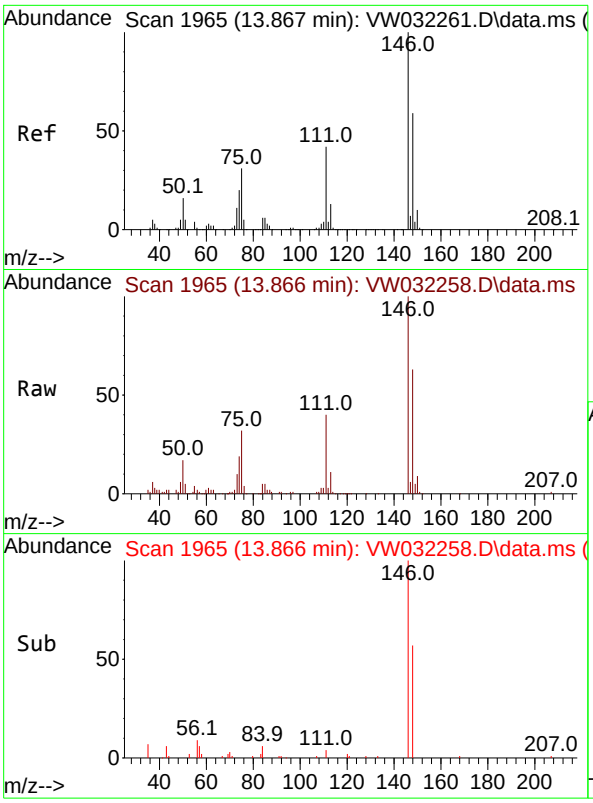


#90
Hexachloroethane
Concen: 4.889 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:117 Resp: 11800

Ion	Ratio	Lower	Upper
117	100		
201	59.7	31.4	94.0

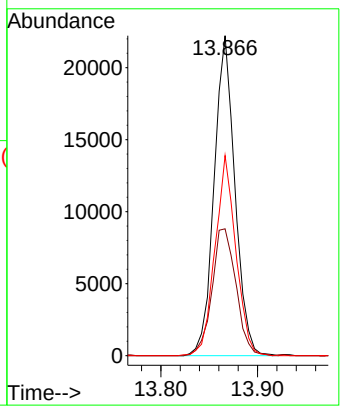




#91
1,2-Dichlorobenzene
Concen: 5.009 ug/l
RT: 13.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:146 Resp: 3319

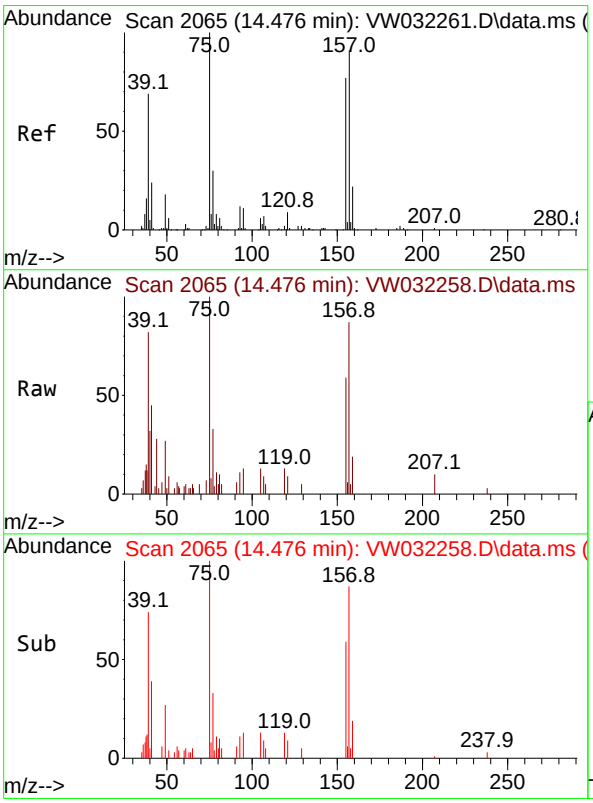
Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.9	65.8
148	62.7	31.9	95.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

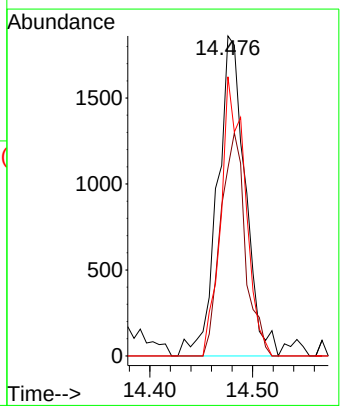
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

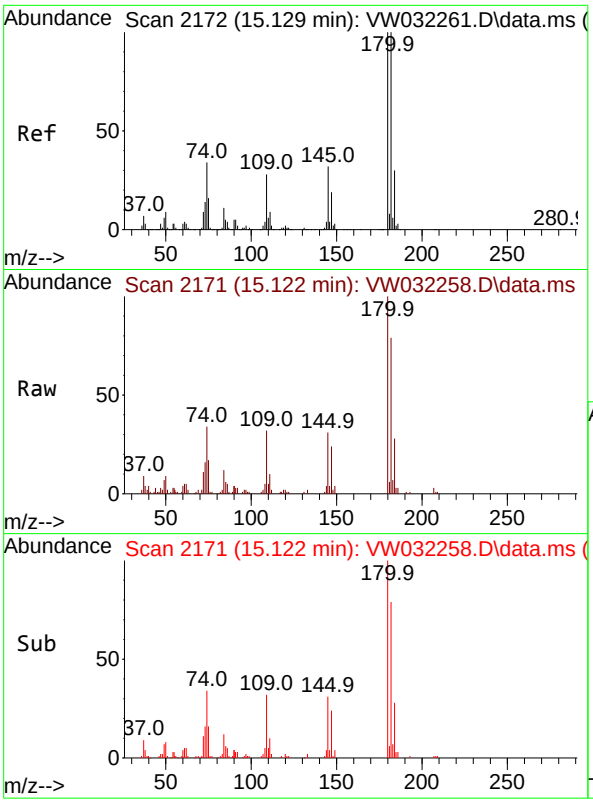


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.336 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion: 75 Resp: 3485

Ion	Ratio	Lower	Upper
75	100		
155	62.1	38.2	114.6
157	76.2	47.0	141.0

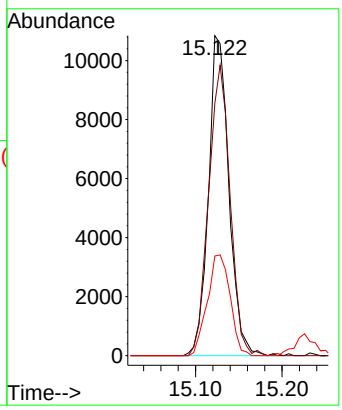




#93
1,2,4-Trichlorobenzene
Concen: 4.525 ug/l
RT: 15.122 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:180 Resp: 1779

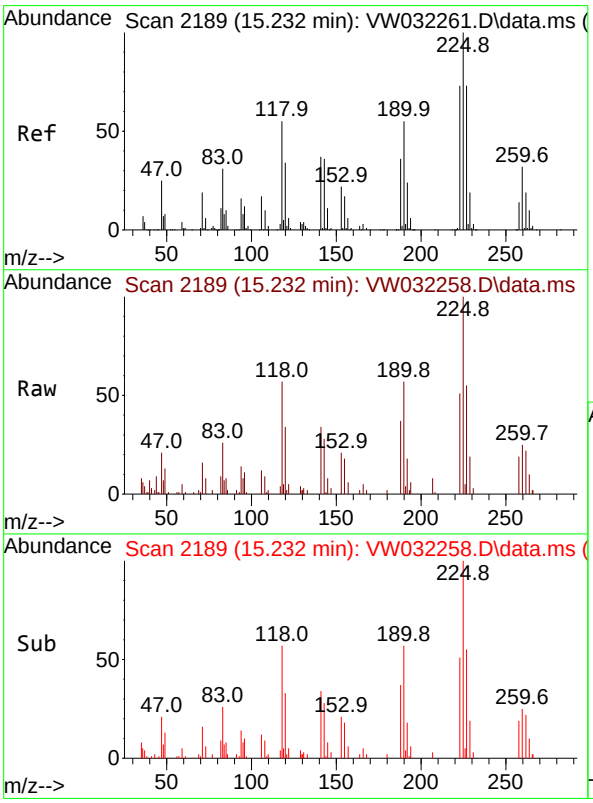
Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.3
145	35.2	16.9	50.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

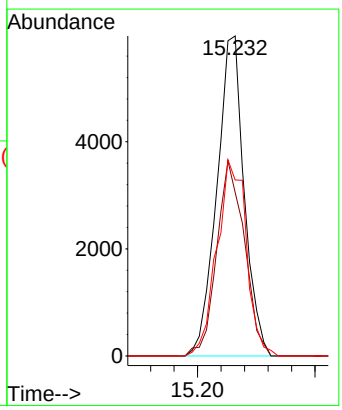
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

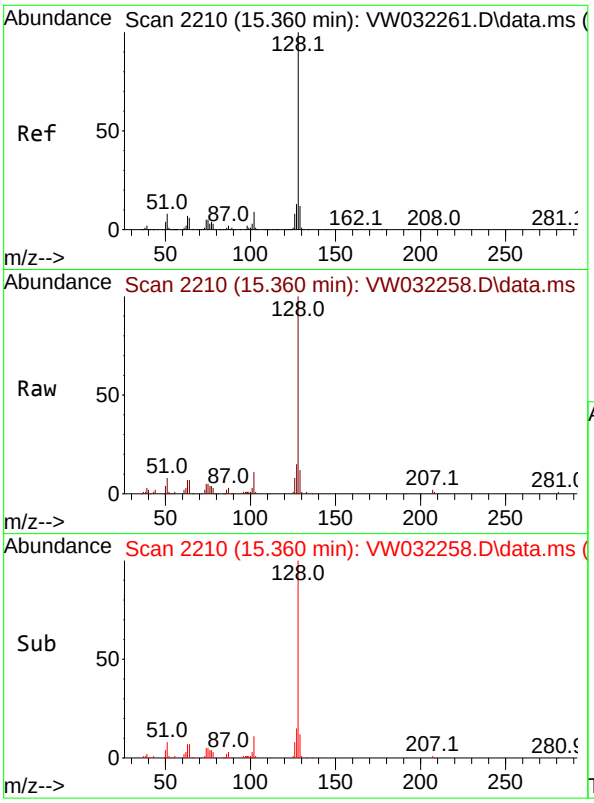


#94
Hexachlorobutadiene
Concen: 5.345 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:225 Resp: 9652

Ion	Ratio	Lower	Upper
225	100		
223	61.8	36.4	109.2
227	65.6	36.4	109.2

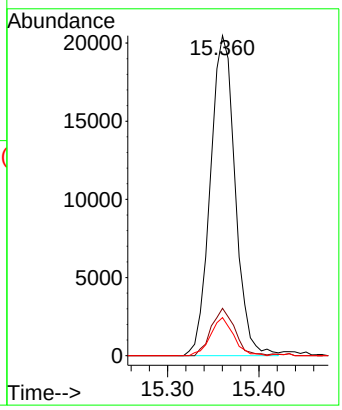




#95
Naphthalene
Concen: 4.095 ug/l
RT: 15.360 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:128 Resp: 3864

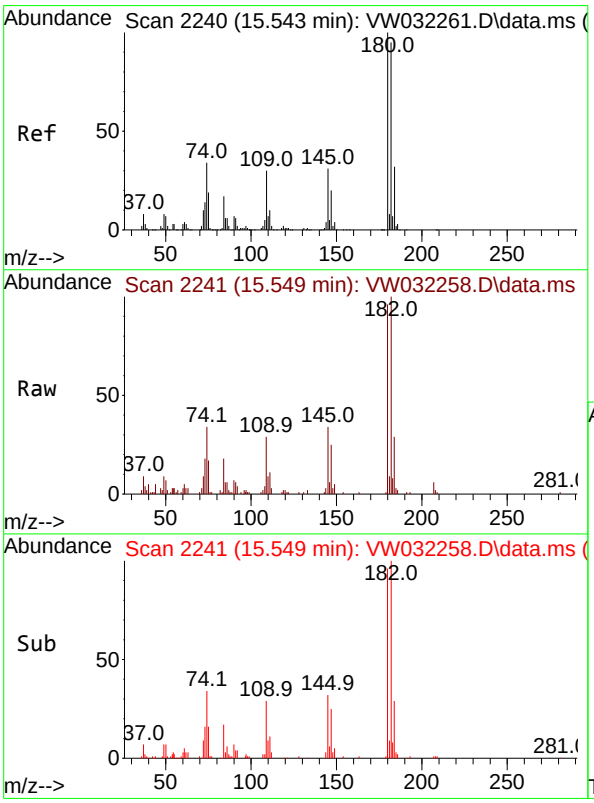
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.6	15.8
129	11.1	9.0	13.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

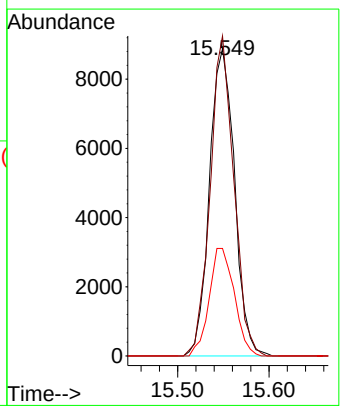
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 4.619 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032258.D
Acq: 25 Sep 2025 10:45

Tgt Ion:180 Resp: 16886

Ion	Ratio	Lower	Upper
180	100		
182	98.3	45.5	136.4
145	35.3	18.1	54.1



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032259.D
Acq On : 25 Sep 2025 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:47:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	248065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	468360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	429928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	42794	10.926	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	21.860%#		
35) Dibromofluoromethane	7.898	113	34108	10.126	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	20.260%#		
50) Toluene-d8	10.331	98	125406	10.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	20.660%#		
62) 4-Bromofluorobenzene	12.617	95	45948	10.035	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	20.060%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	19773	11.537	ug/l	98
3) Chloromethane	2.253	50	27657	11.276	ug/l	93
4) Vinyl Chloride	2.405	62	31161	10.874	ug/l	99
5) Bromomethane	2.826	94	21051	10.757	ug/l	94
6) Chloroethane	2.978	64	20229	10.417	ug/l	96
7) Trichlorofluoromethane	3.302	101	20665	9.570	ug/l	97
8) Diethyl Ether	3.728	74	21842	10.698	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.100	101	29104	10.560	ug/l	95
10) Methyl Iodide	4.308	142	37859	10.156	ug/l	98
11) Tert butyl alcohol	5.228	59	14898	54.794	ug/l	99
12) 1,1-Dichloroethene	4.082	96	31390	10.654	ug/l	89
13) Acrolein	3.930	56	26417	54.589	ug/l	99
14) Allyl chloride	4.704	41	46273	10.120	ug/l	98
15) Acrylonitrile	5.405	53	54484	51.814	ug/l	99
16) Acetone	4.161	43	62561	62.193	ug/l	98
17) Carbon Disulfide	4.423	76	71415	10.543	ug/l	98
18) Methyl Acetate	4.716	43	29862	8.632	ug/l	96
19) Methyl tert-butyl Ether	5.460	73	54291	9.941	ug/l	95
20) Methylene Chloride	4.954	84	62968	11.520	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	33128	10.428	ug/l	90
22) Diisopropyl ether	6.344	45	102543	10.093	ug/l	96
23) Vinyl Acetate	6.289	43	334126	51.119	ug/l	97
24) 1,1-Dichloroethane	6.240	63	66637	10.390	ug/l	98
25) 2-Butanone	7.197	43	74330	53.014	ug/l	97
26) 2,2-Dichloropropane	7.191	77	34033	10.768	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	40710	10.303	ug/l	98
28) Bromochloromethane	7.533	49	31230	10.204	ug/l #	97
29) Tetrahydrofuran	7.563	42	46844	51.463	ug/l	98
30) Chloroform	7.697	83	70085	10.473	ug/l	99
31) Cyclohexane	7.971	56	53996	10.677	ug/l #	92
32) 1,1,1-Trichloroethane	7.886	97	46942	10.413	ug/l	97
36) 1,1-Dichloropropene	8.100	75	45535	10.027	ug/l	99
37) Ethyl Acetate	7.283	43	30498	10.126	ug/l	96
38) Carbon Tetrachloride	8.081	117	43230	10.118	ug/l	87
39) Methylcyclohexane	9.343	83	51092	9.723	ug/l	98
40) Benzene	8.337	78	144721	10.124	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032259.D
Acq On : 25 Sep 2025 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 26 06:47:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	17016	9.865	ug/l		92
42) 1,2-Dichloroethane	8.417	62	48566	10.222	ug/l		98
43) Isopropyl Acetate	8.435	43	53838	9.986	ug/l		99
44) Trichloroethene	9.099	130	34730	10.395	ug/l		89
45) 1,2-Dichloropropane	9.374	63	38213	10.322	ug/l		97
46) Dibromomethane	9.465	93	23384	10.273	ug/l		98
47) Bromodichloromethane	9.648	83	50969	9.818	ug/l		97
48) Methyl methacrylate	9.441	41	24046	9.481	ug/l		98
49) 1,4-Dioxane	9.465	88	5391	176.842	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.215	43	162030	50.689	ug/l		96
52) Toluene	10.392	92	89443	10.096	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	44781	9.415	ug/l		97
54) cis-1,3-Dichloropropene	10.081	75	52304	9.525	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	31763	10.223	ug/l		97
56) Ethyl methacrylate	10.648	69	37918	9.265	ug/l		98
57) 1,3-Dichloropropane	10.934	76	54352	10.126	ug/l		96
58) 2-Chloroethyl Vinyl ether	9.928	63	102960	45.830	ug/l		100
59) 2-Hexanone	10.971	43	105087	48.141	ug/l		95
60) Dibromochloromethane	11.129	129	33001	9.672	ug/l		99
61) 1,2-Dibromoethane	11.233	107	29299	9.954	ug/l		95
64) Tetrachloroethene	10.861	164	28481	10.870	ug/l		89
65) Chlorobenzene	11.660	112	103607	10.462	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.727	131	31543	10.071	ug/l		98
67) Ethyl Benzene	11.733	91	162514	10.026	ug/l		98
68) m/p-Xylenes	11.837	106	125268	20.160	ug/l		98
69) o-Xylene	12.166	106	57588	9.862	ug/l		97
70) Styrene	12.178	104	101464	9.908	ug/l		98
71) Bromoform	12.349	173	19072	10.450	ug/l		98
73) Isopropylbenzene	12.465	105	146979	9.472	ug/l		99
74) N-amyl acetate	12.270	43	46865	9.590	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	42129	10.355	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	31615m	9.017	ug/l		
77) Bromobenzene	12.745	156	36258	9.500	ug/l		86
78) n-propylbenzene	12.800	91	188377	9.665	ug/l		99
79) 2-Chlorotoluene	12.891	91	116645	9.879	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	130321	9.823	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	10751	9.104	ug/l		89
82) 4-Chlorotoluene	12.989	91	126800	10.161	ug/l		98
83) tert-Butylbenzene	13.202	119	104621	9.429	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	132488	9.836	ug/l		95
85) sec-Butylbenzene	13.379	105	159160	9.553	ug/l		99
86) p-Isopropyltoluene	13.495	119	134315	9.734	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	75097	9.947	ug/l		98
88) 1,4-Dichlorobenzene	13.574	146	78941	10.235	ug/l		96
89) n-Butylbenzene	13.818	91	136190	9.835	ug/l		98
90) Hexachloroethane	14.086	117	24456	9.509	ug/l		98
91) 1,2-Dichlorobenzene	13.867	146	72927	10.326	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.483	75	6957	9.997	ug/l		91
93) 1,2,4-Trichlorobenzene	15.129	180	39615	9.455	ug/l		98
94) Hexachlorobutadiene	15.232	225	19426	10.095	ug/l		92
95) Naphthalene	15.360	128	92765	9.225	ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	37857	9.717	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032259.D
Acq On : 25 Sep 2025 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:47:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

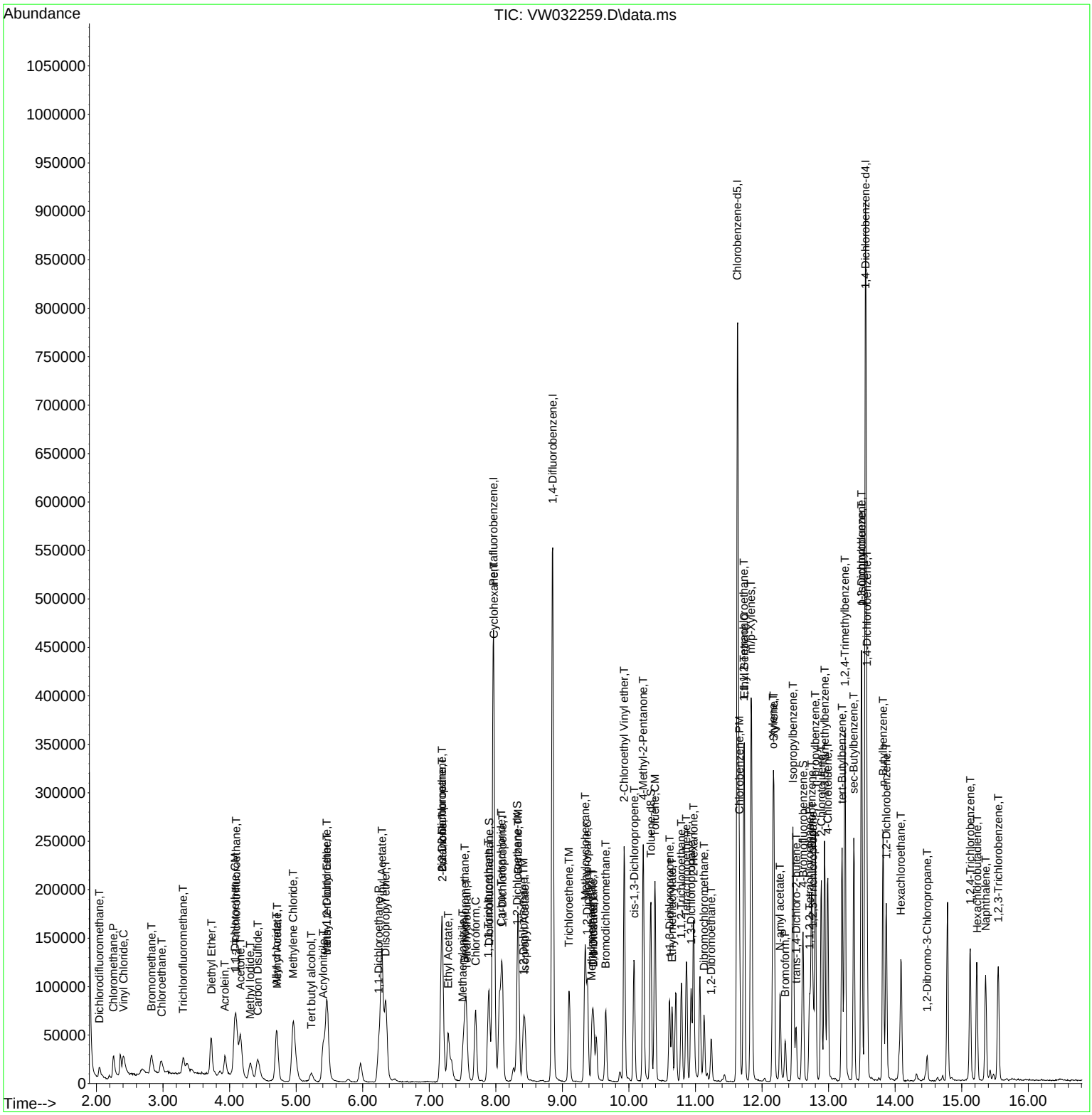
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Data File : VW032259.D
Acq On : 25 Sep 2025 11:30
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

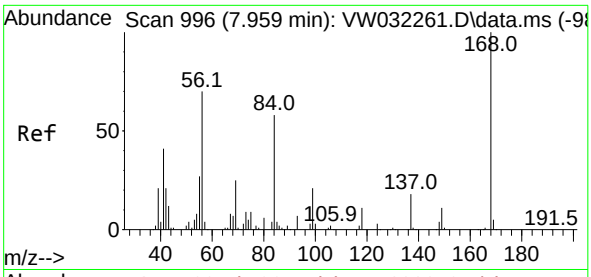
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

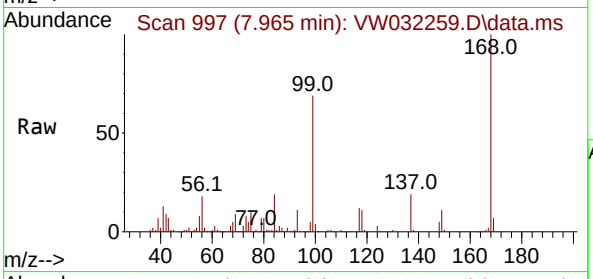
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

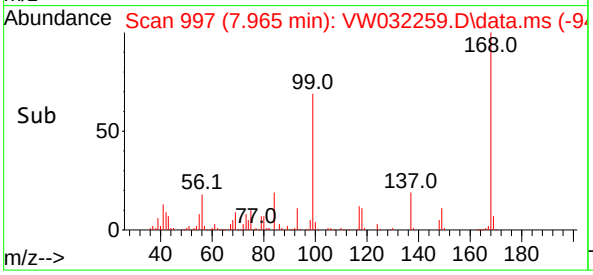
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025





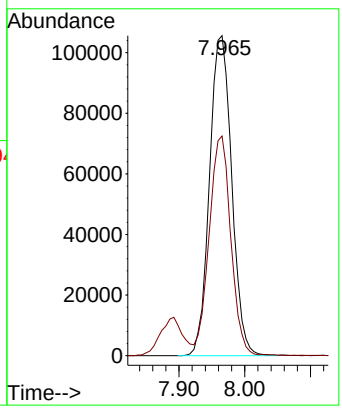




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:168 Resp: 24806

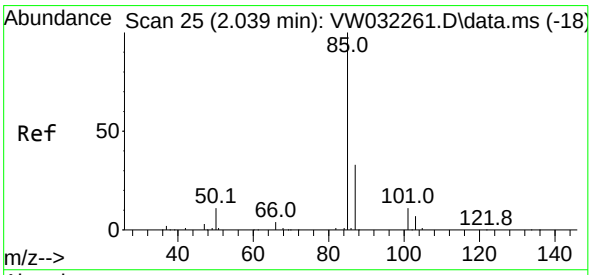
Ion	Ratio	Lower	Upper
168	100		
99	68.5	55.0	82.4

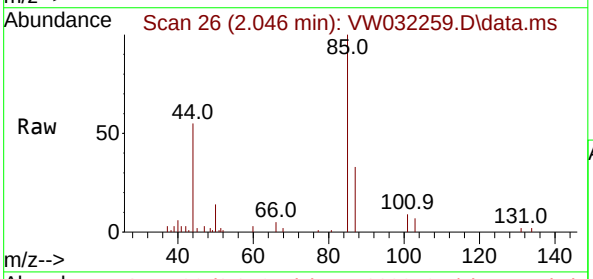


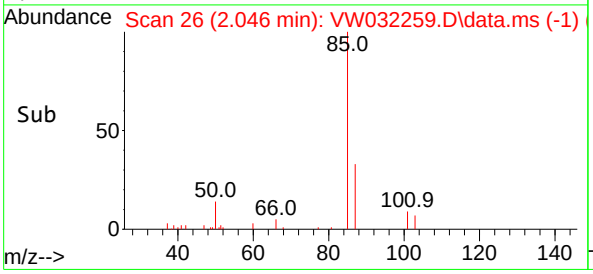
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



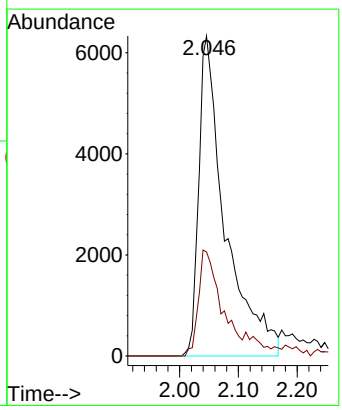


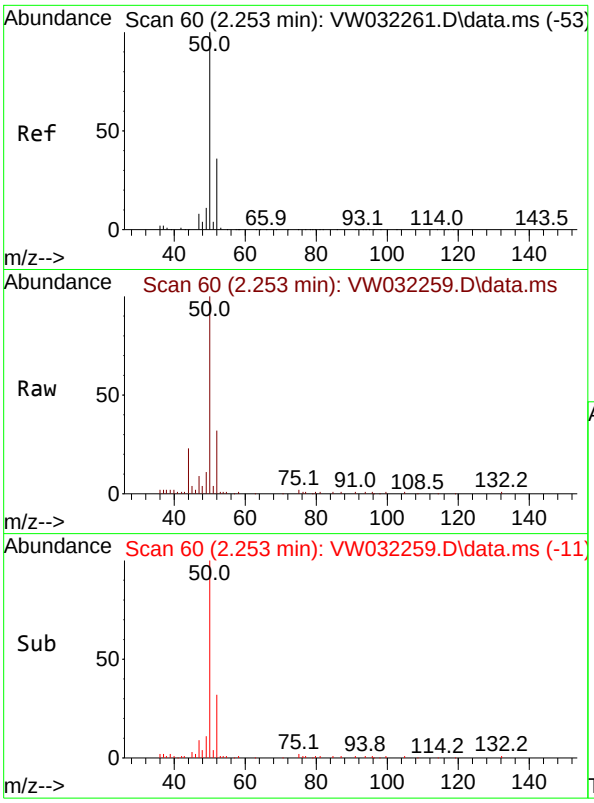


#2
Dichlorodifluoromethane
Concen: 11.537 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 85 Resp: 19773

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.7	50.1

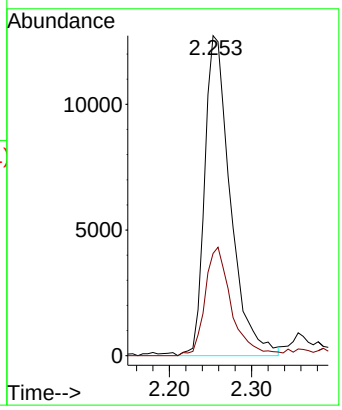




#3
Chloromethane
Concen: 11.276 ug/l
RT: 2.253 min Scan# 6
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 50 Resp: 2765

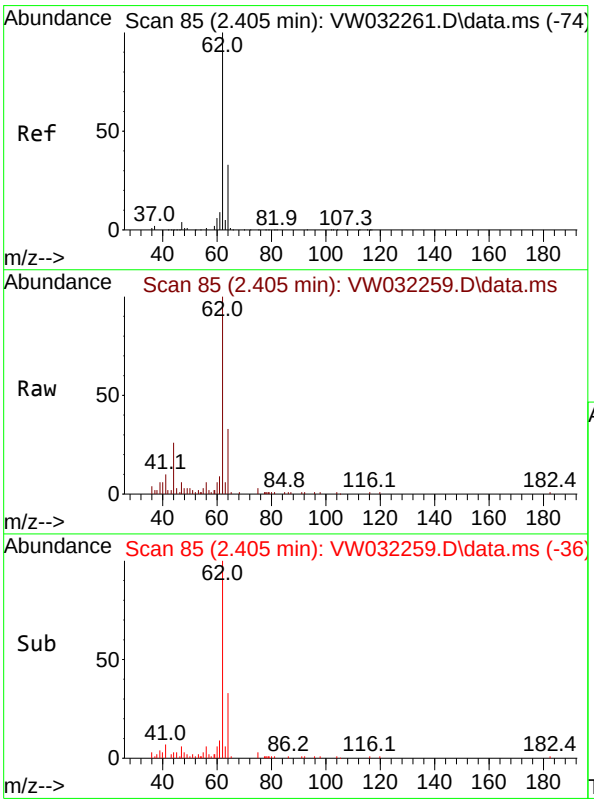
Ion	Ratio	Lower	Upper
50	100		
52	31.9	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

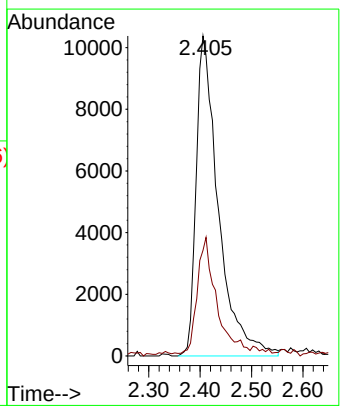
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

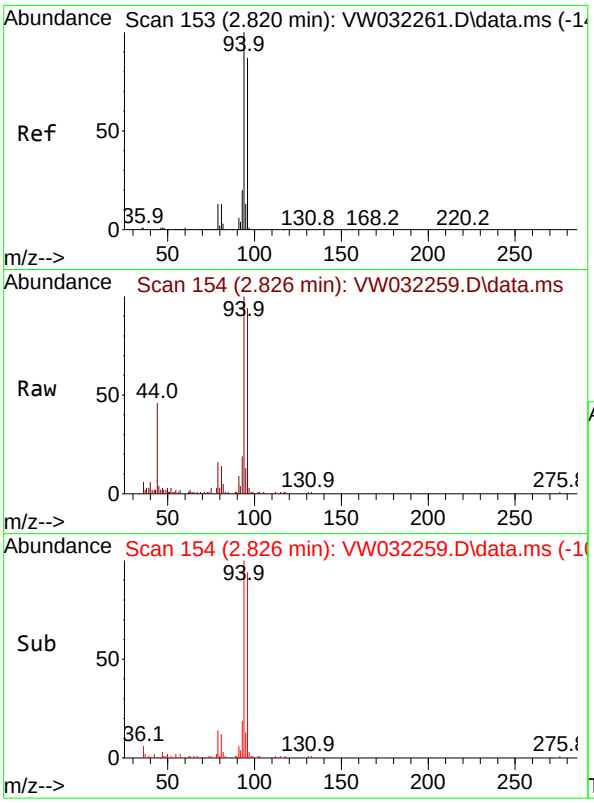


#4
Vinyl Chloride
Concen: 10.874 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 62 Resp: 31161

Ion	Ratio	Lower	Upper
62	100		
64	32.2	26.2	39.4

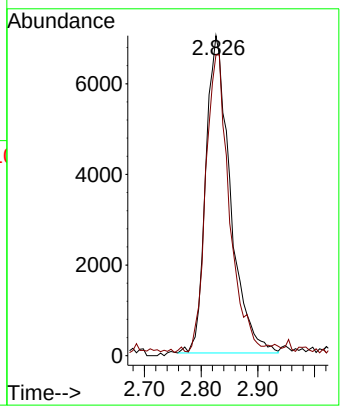




#5
Bromomethane
Concen: 10.757 ug/l
RT: 2.826 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 94 Resp: 2105

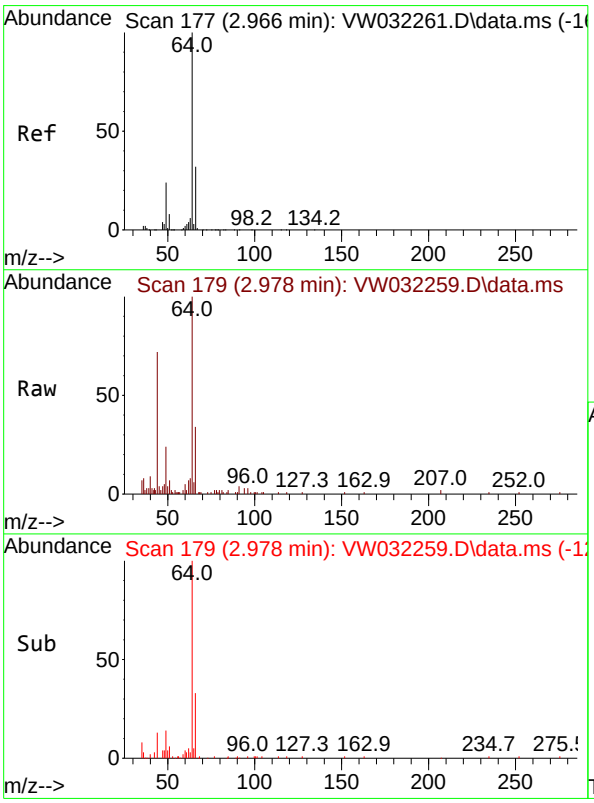
Ion	Ratio	Lower	Upper
94	100		
96	93.2	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

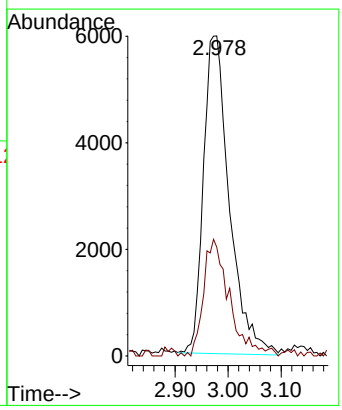
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

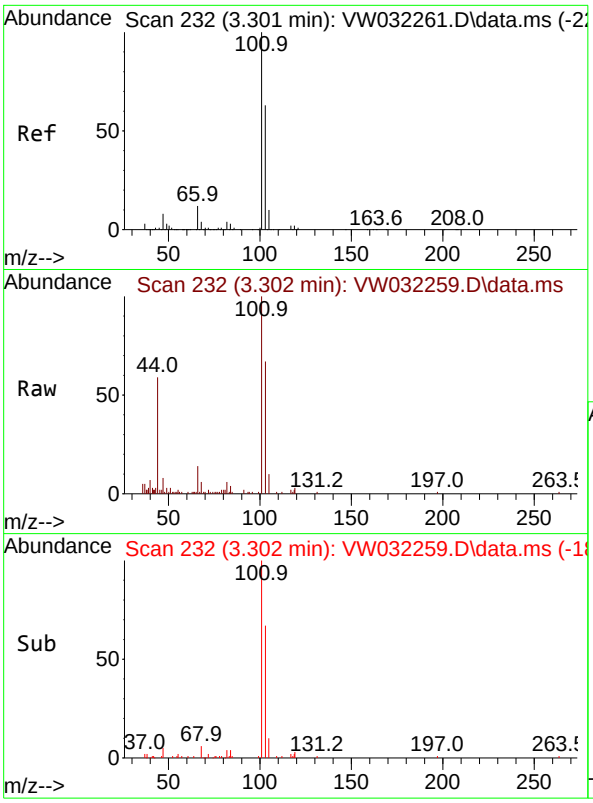


#6
Chloroethane
Concen: 10.417 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.012 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 64 Resp: 20229

Ion	Ratio	Lower	Upper
64	100		
66	34.3	25.5	38.3

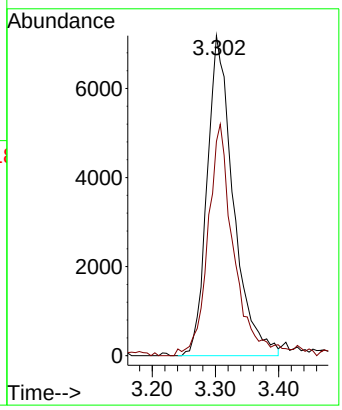




#7
Trichlorofluoromethane
Concen: 9.570 ug/l
RT: 3.302 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:101 Resp: 2066

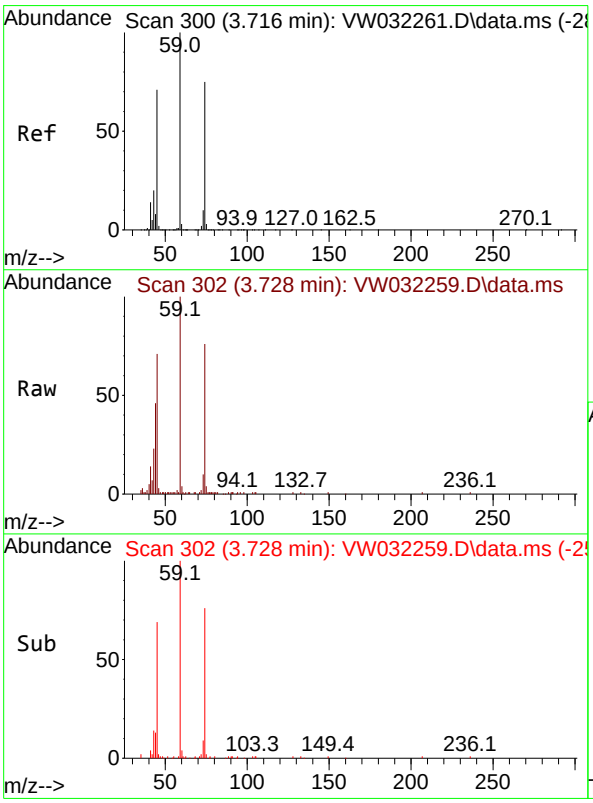
Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

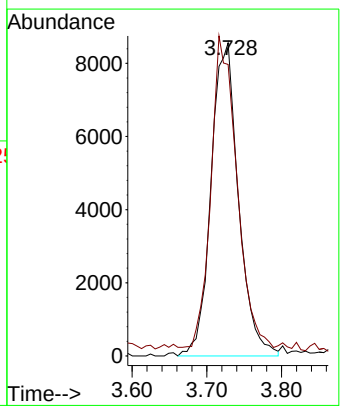
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

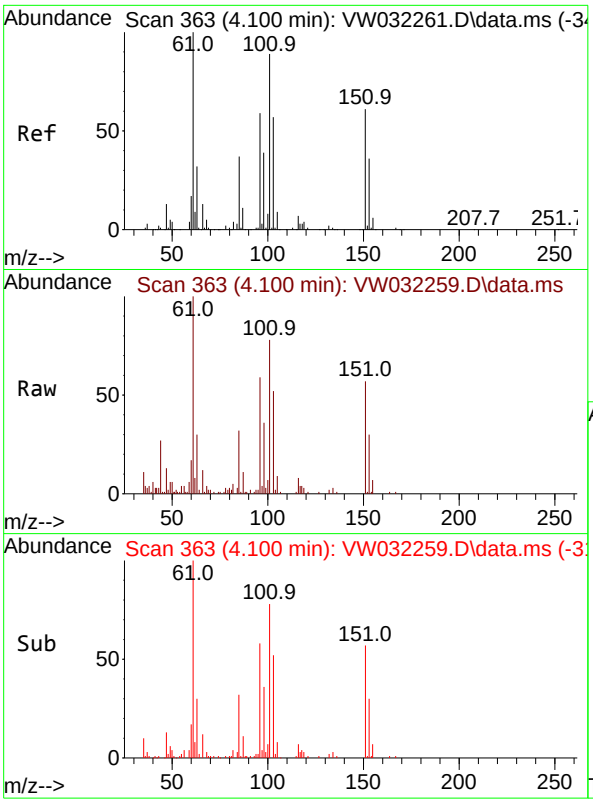


#8
Diethyl Ether
Concen: 10.698 ug/l
RT: 3.728 min Scan# 302
Delta R.T. 0.012 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 74 Resp: 21842

Ion	Ratio	Lower	Upper
74	100		
45	93.2	49.0	147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.560 ug/l
RT: 4.100 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

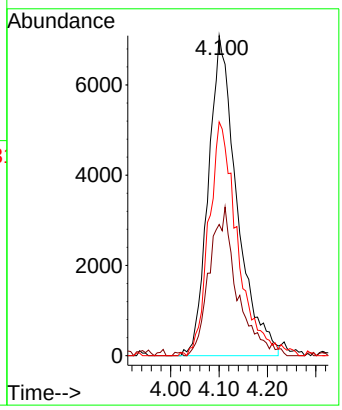
Tgt Ion:101 Resp: 2910

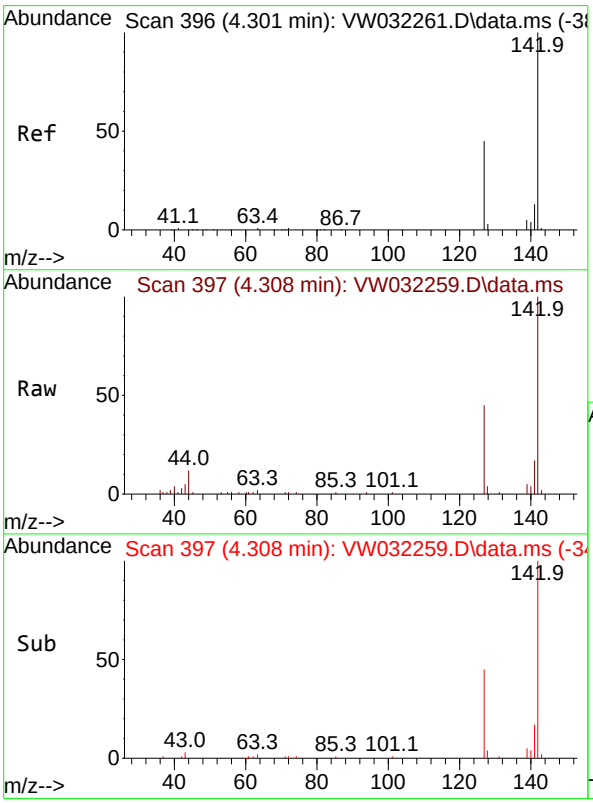
Ion	Ratio	Lower	Upper
101	100		
85	45.4	33.7	50.5
151	73.7	55.7	83.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

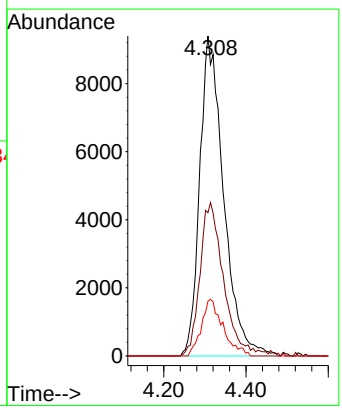


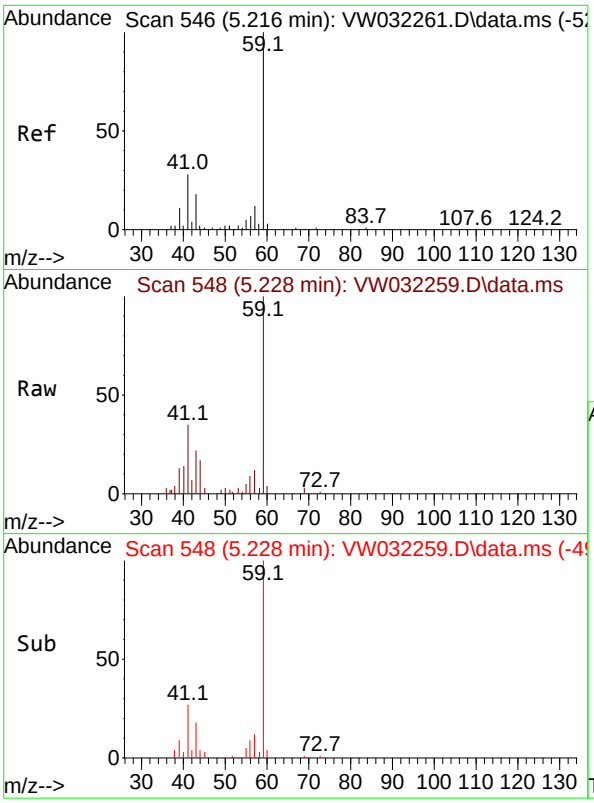


#10
Methyl Iodide
Concen: 10.156 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:142 Resp: 37859

Ion	Ratio	Lower	Upper
142	100		
127	47.4	36.9	55.3
141	16.1	12.0	18.0

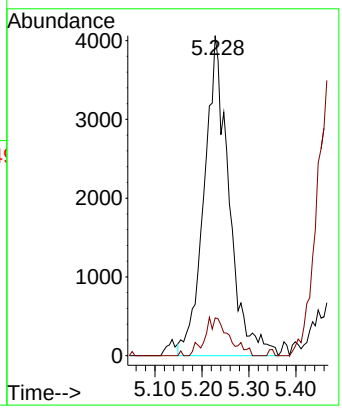




#11
Tert butyl alcohol
Concen: 54.794 ug/l
RT: 5.228 min Scan# 5
Delta R.T. 0.012 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 59 Resp: 1489

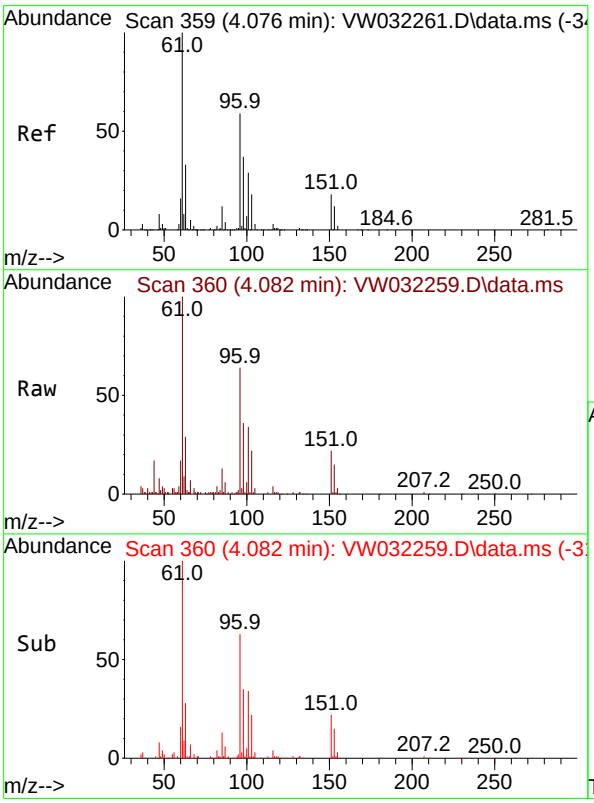
Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

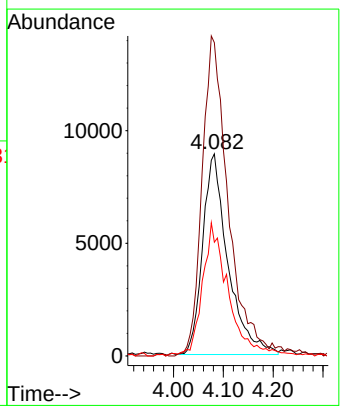
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

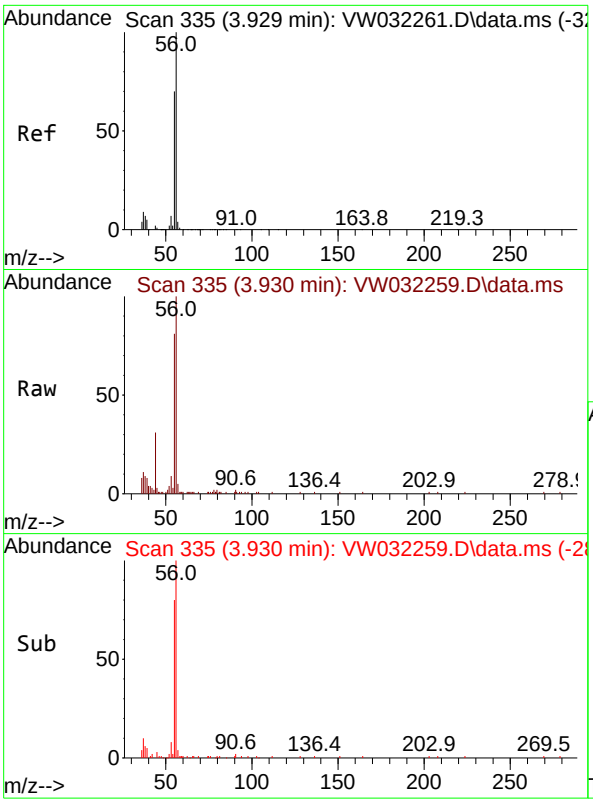


#12
1,1-Dichloroethene
Concen: 10.654 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 96 Resp: 31390

Ion	Ratio	Lower	Upper
96	100		
61	155.2	136.3	204.5
98	55.7	50.7	76.1

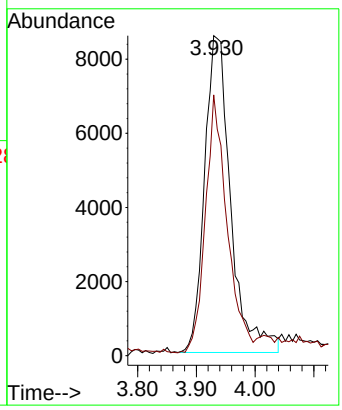




#13
Acrolein
Concen: 54.589 ug/l
RT: 3.930 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 56 Resp: 2641

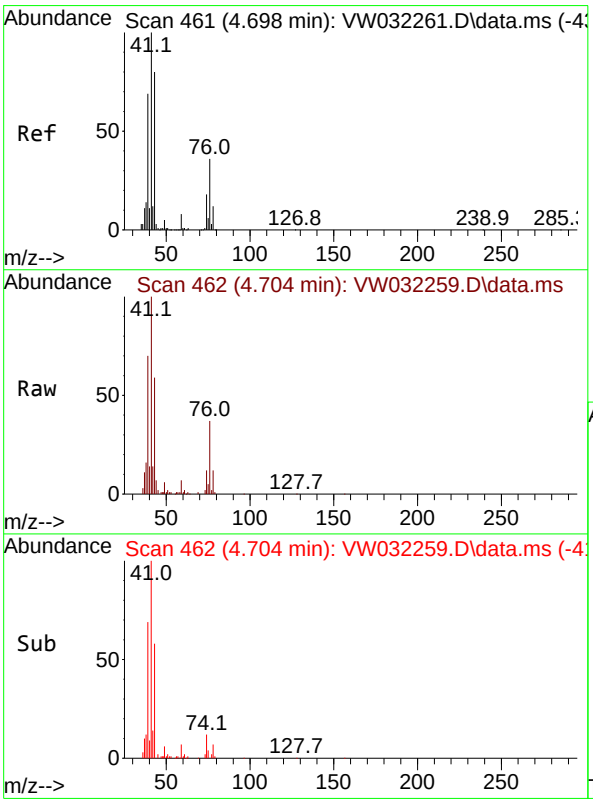
Ion	Ratio	Lower	Upper
56	100		
55	67.6	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

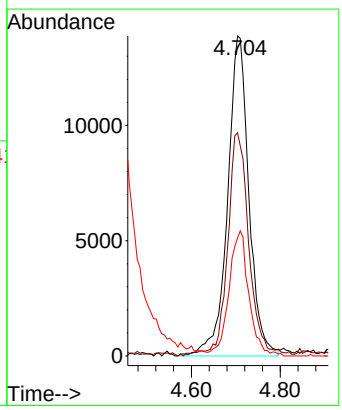
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

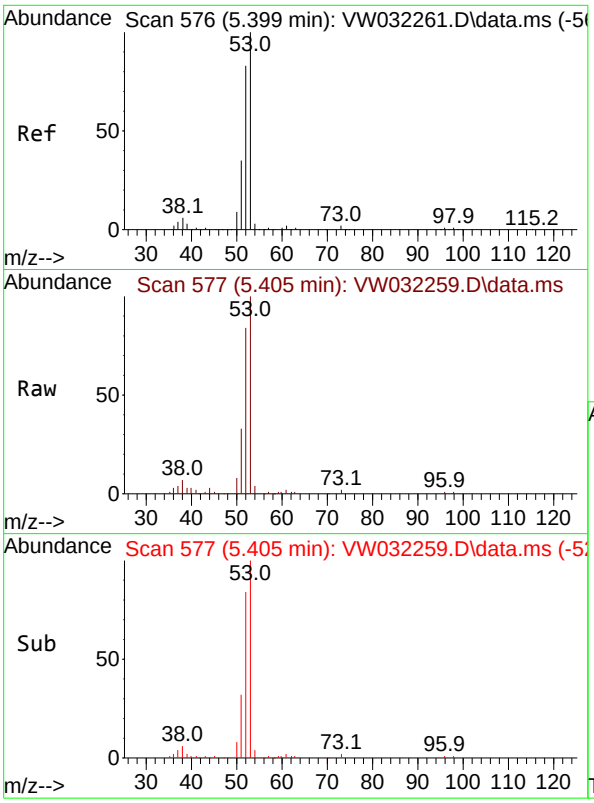


#14
Allyl chloride
Concen: 10.120 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 41 Resp: 46273

Ion	Ratio	Lower	Upper
41	100		
39	69.9	54.3	81.5
76	36.5	28.7	43.1

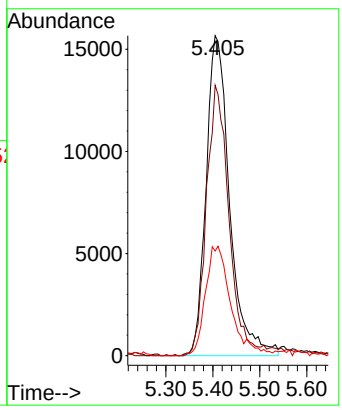




#15
Acrylonitrile
Concen: 51.814 ug/l
RT: 5.405 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 53 Resp: 5448

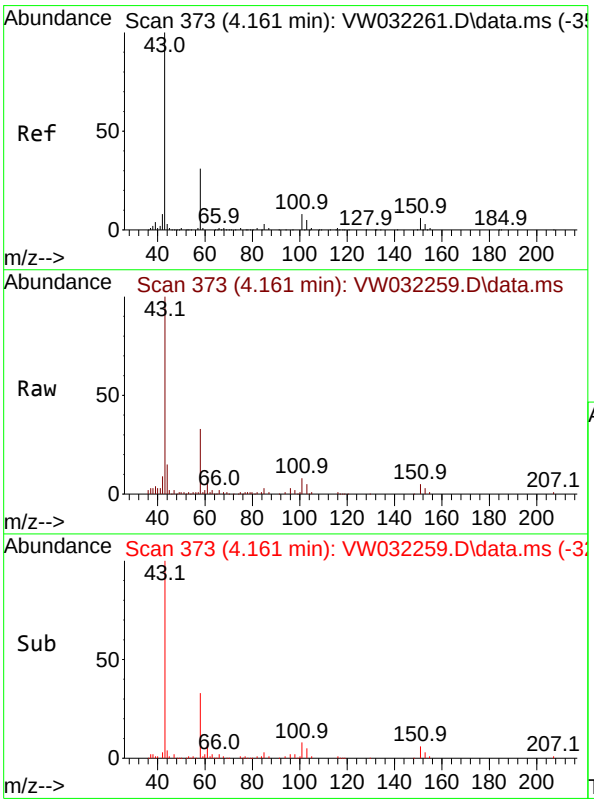
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.3	99.5
51	36.9	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

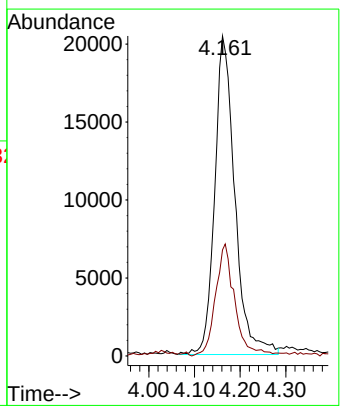
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

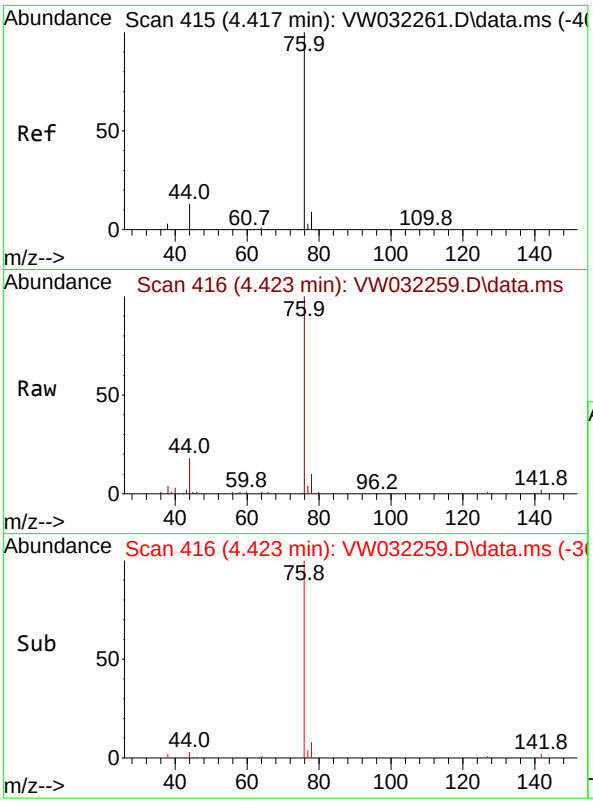


#16
Acetone
Concen: 62.193 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 43 Resp: 62561

Ion	Ratio	Lower	Upper
43	100		
58	32.7	25.4	38.0

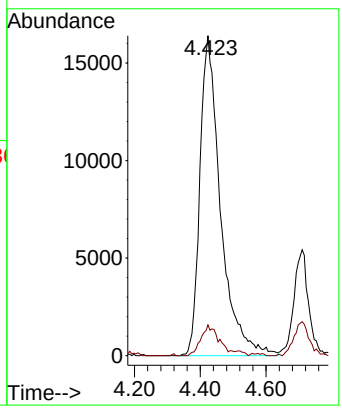




#17
Carbon Disulfide
Concen: 10.543 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 76 Resp: 7141

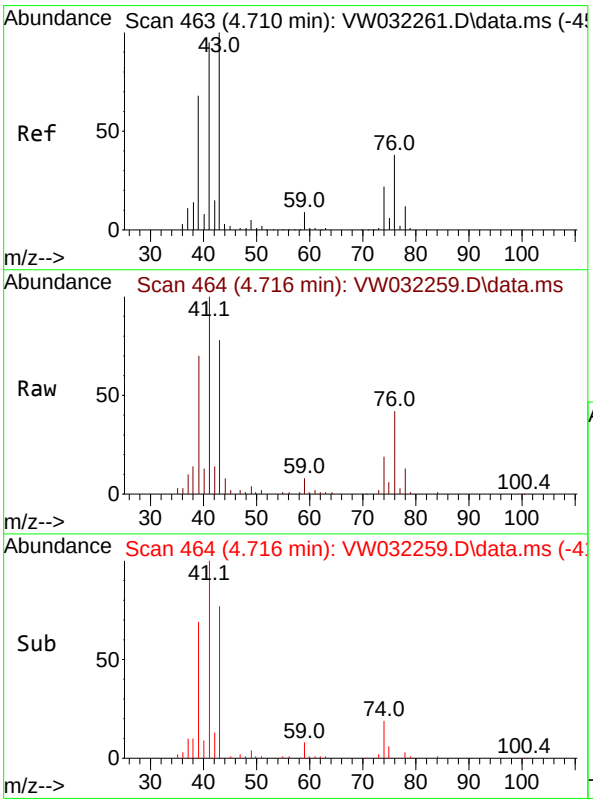
Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

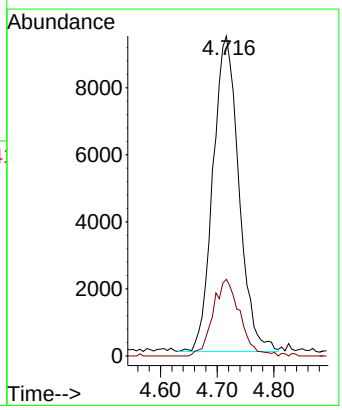
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

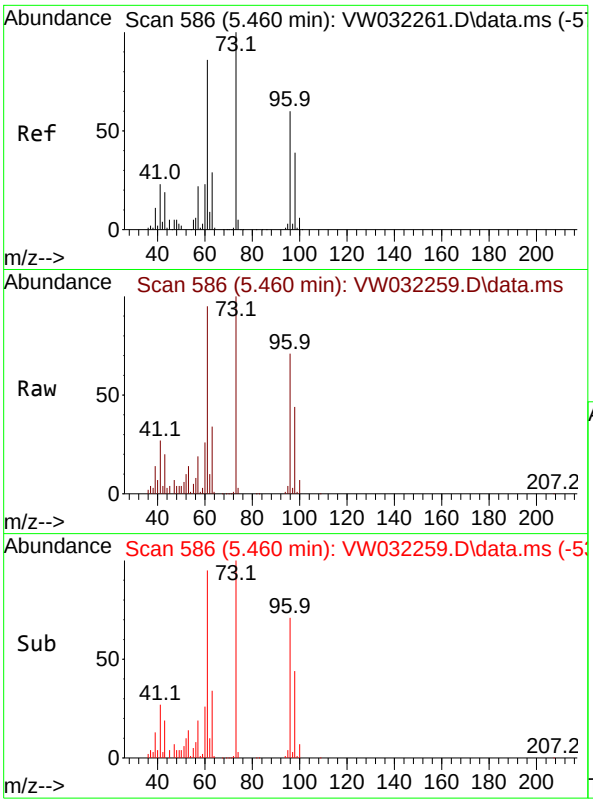


#18
Methyl Acetate
Concen: 8.632 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 43 Resp: 29862

Ion	Ratio	Lower	Upper
43	100		
74	25.3	18.8	28.2

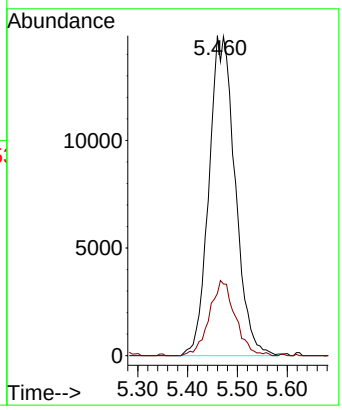




#19
Methyl tert-butyl Ether
Concen: 9.941 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 73 Resp: 5429

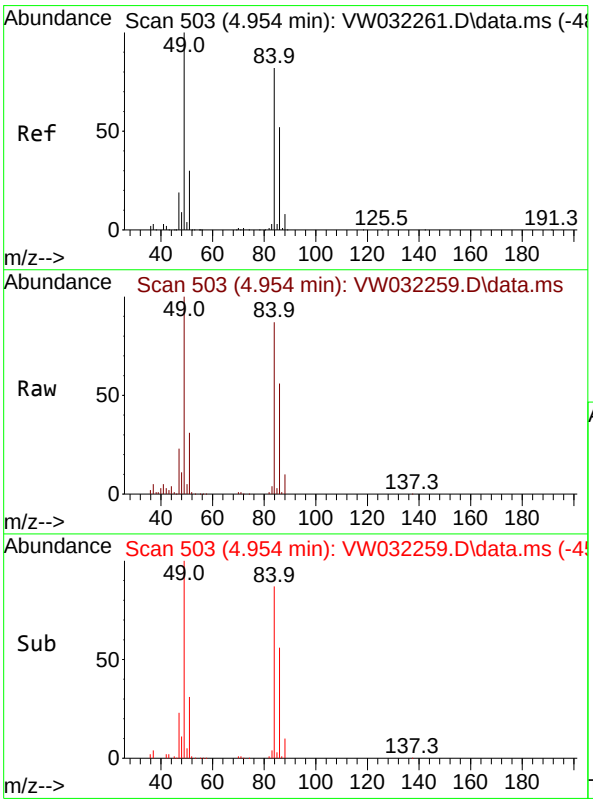
Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.3	25.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

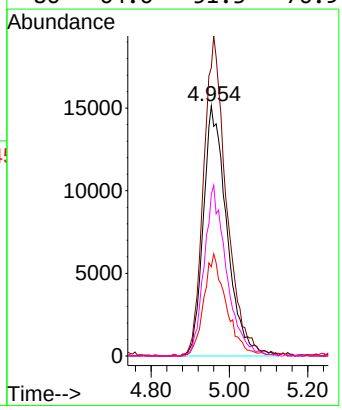
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

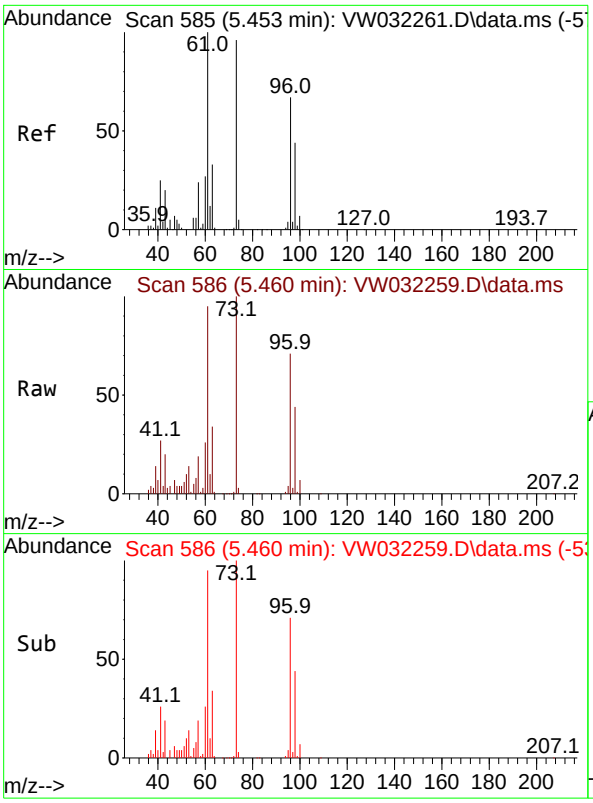


#20
Methylene Chloride
Concen: 11.520 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 84 Resp: 62968

Ion	Ratio	Lower	Upper
84	100		
49	115.3	97.8	146.6
51	35.7	29.9	44.9
86	64.6	51.3	76.9

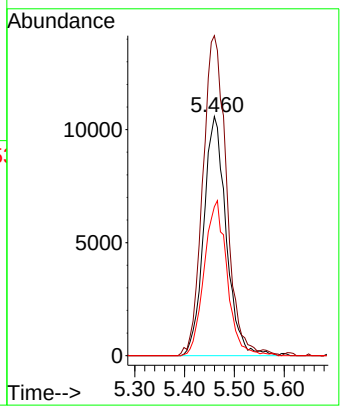




#21
trans-1,2-Dichloroethene
Concen: 10.428 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 96 Resp: 3312

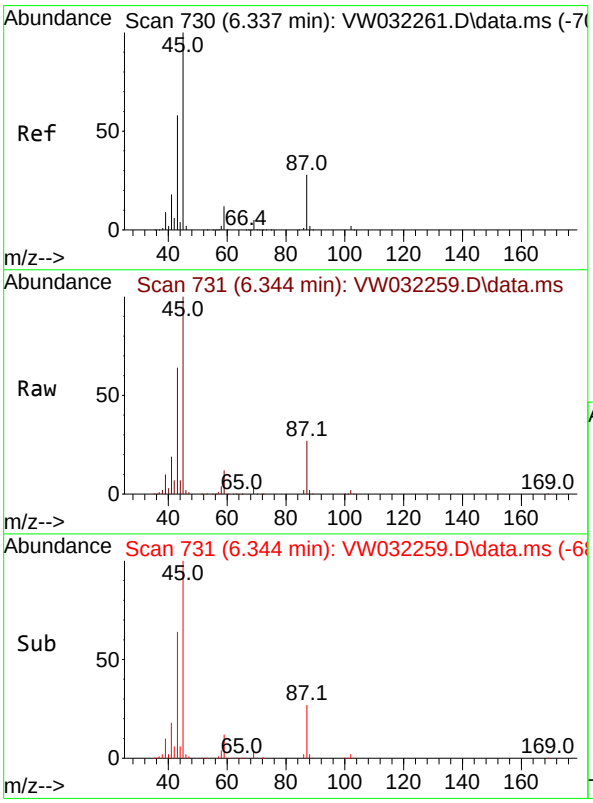
Ion	Ratio	Lower	Upper
96	100		
61	133.8	119.2	178.8
98	62.3	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

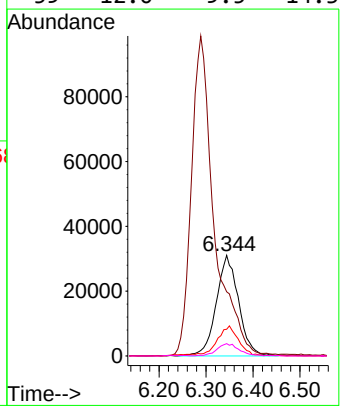
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

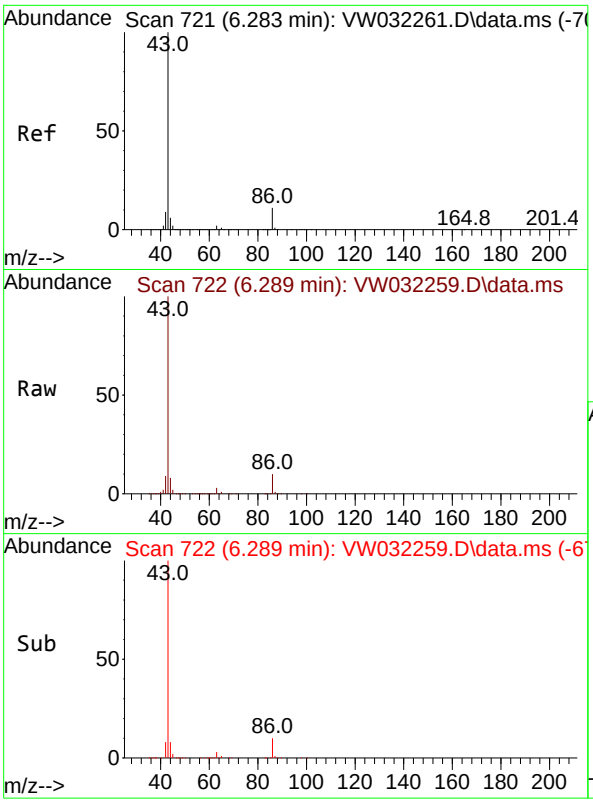


#22
Diisopropyl ether
Concen: 10.093 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 45 Resp: 102543

Ion	Ratio	Lower	Upper
45	100		
43	62.3	46.2	69.4
87	26.2	22.2	33.2
59	12.0	9.5	14.3

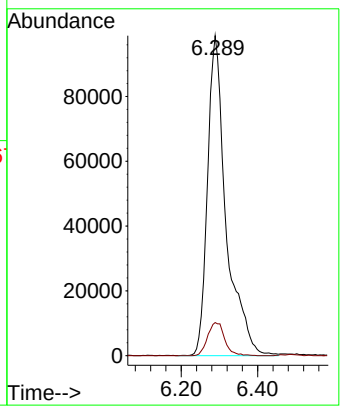




#23
Vinyl Acetate
Concen: 51.119 ug/l
RT: 6.289 min Scan# 7
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 43 Resp: 33412

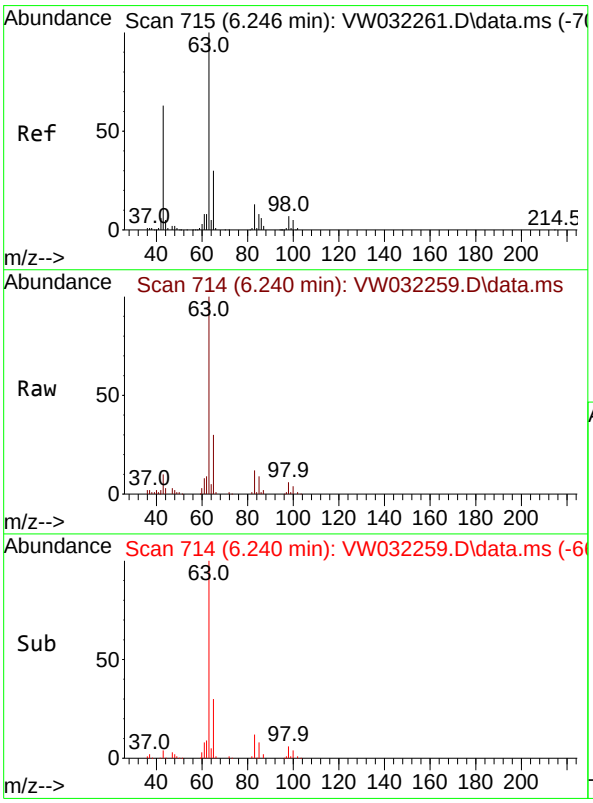
Ion	Ratio	Lower	Upper
43	100		
86	10.3	9.0	13.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

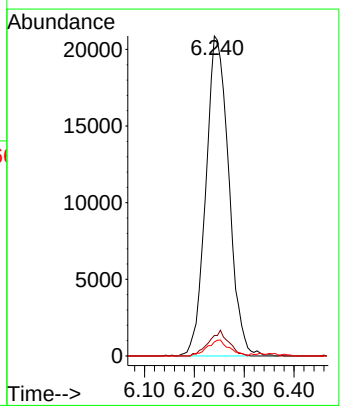
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

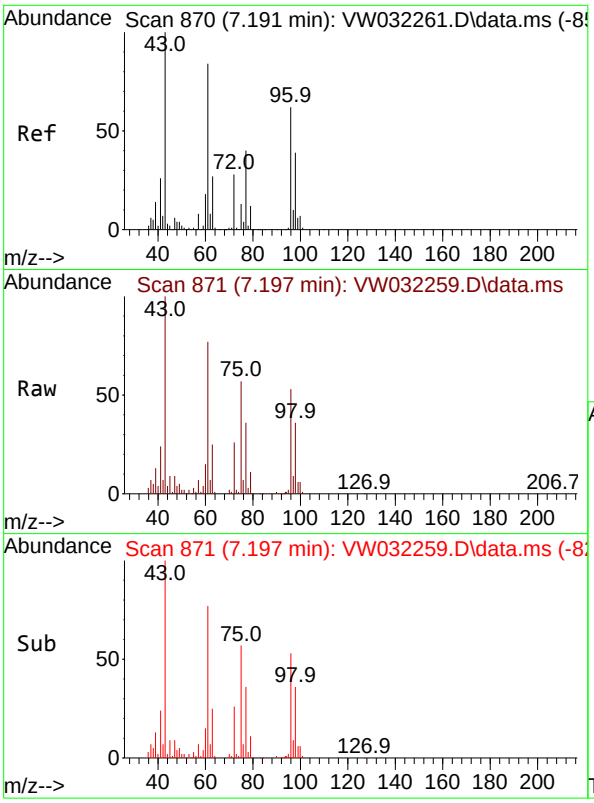


#24
1,1-Dichloroethane
Concen: 10.390 ug/l
RT: 6.240 min Scan# 714
Delta R.T. -0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 63 Resp: 66637

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.9
100	4.4	2.4	7.1

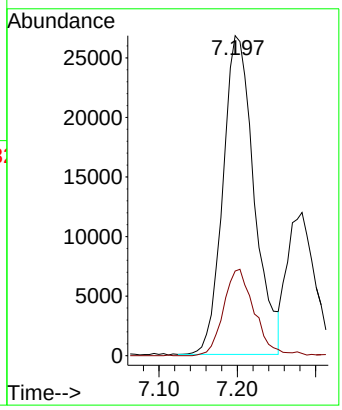




#25
2-Butanone
Concen: 53.014 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 43 Resp: 7433

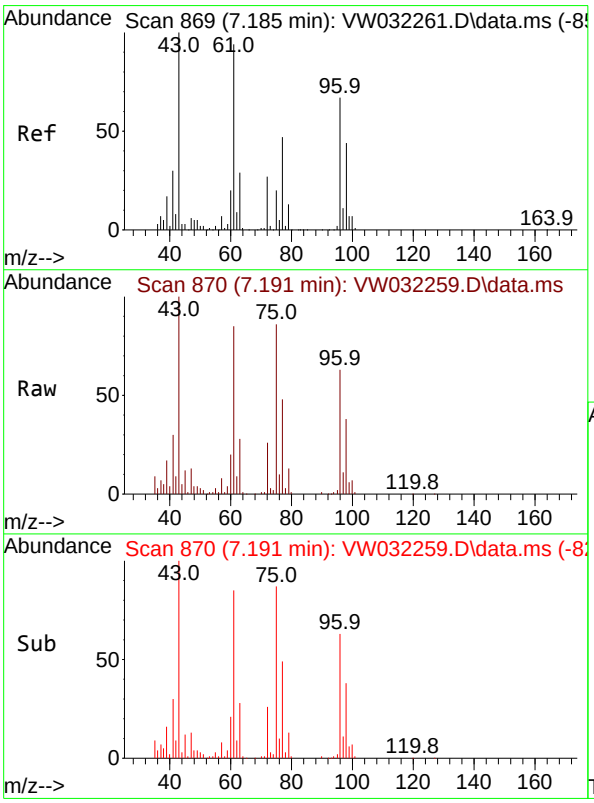
Ion	Ratio	Lower	Upper
43	100		
72	26.5	22.3	33.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

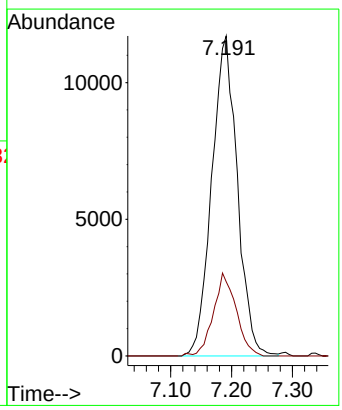
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

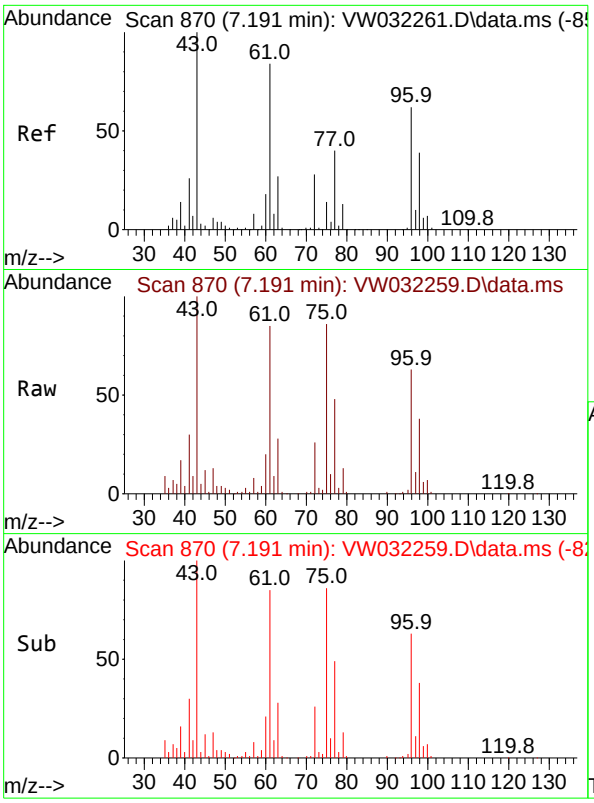


#26
2,2-Dichloropropane
Concen: 10.768 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 77 Resp: 34033

Ion	Ratio	Lower	Upper
77	100		
97	23.2	11.7	35.0

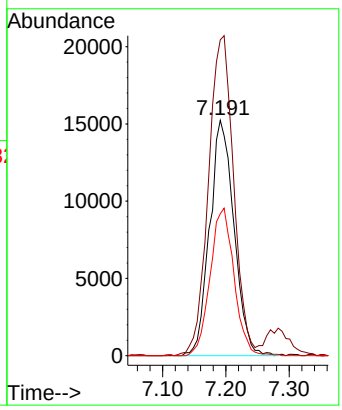




#27
cis-1,2-Dichloroethene
Concen: 10.303 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 96 Resp: 4071

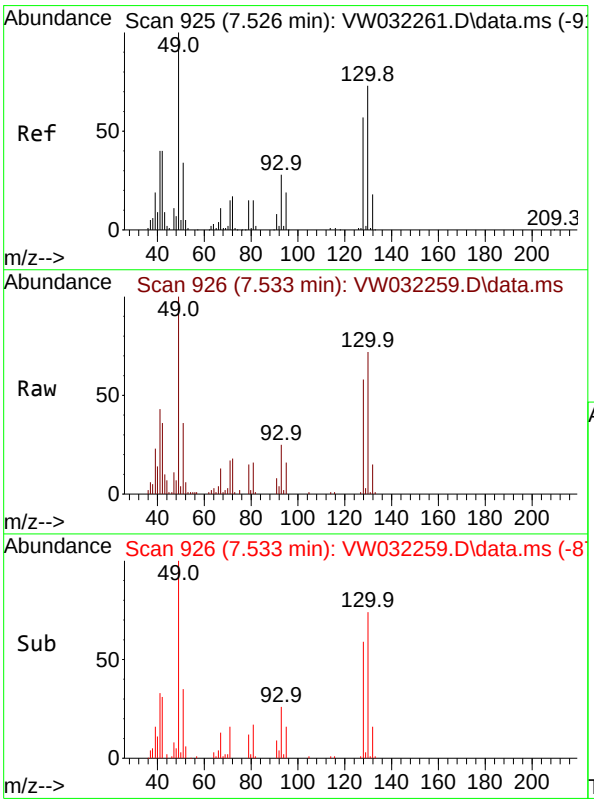
Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	281.8
98	61.6	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

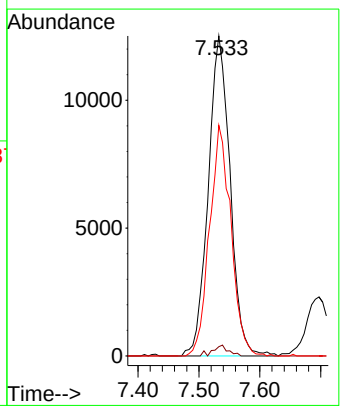
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

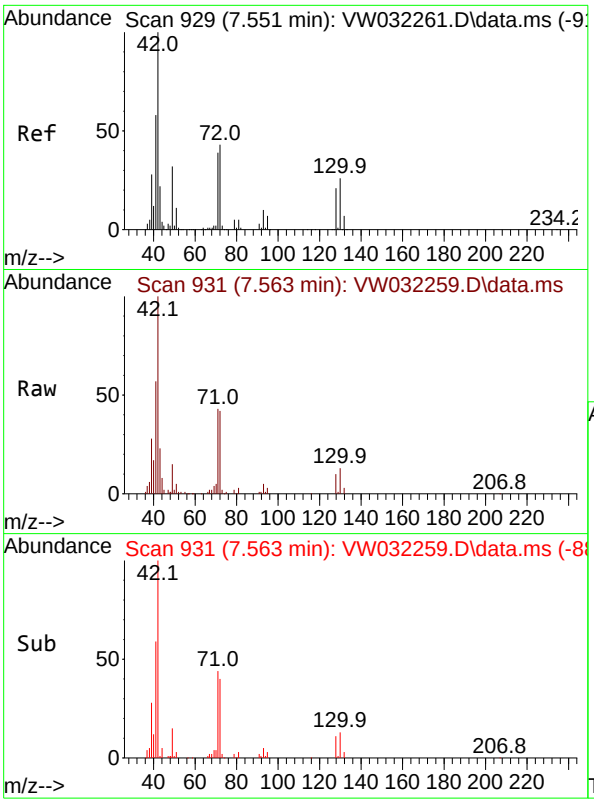


#28
Bromochloromethane
Concen: 10.204 ug/l
RT: 7.533 min Scan# 926
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 49 Resp: 31230

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.2#
130	70.7	0.0	0.0#

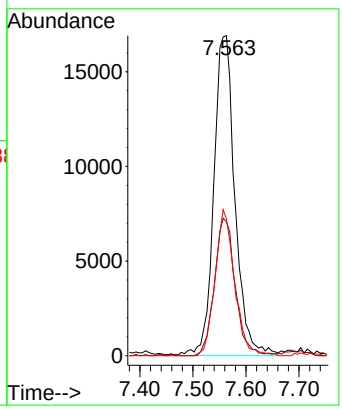




#29
Tetrahydrofuran
Concen: 51.463 ug/l
RT: 7.563 min Scan# 9
Delta R.T. 0.012 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 42 Resp: 4684

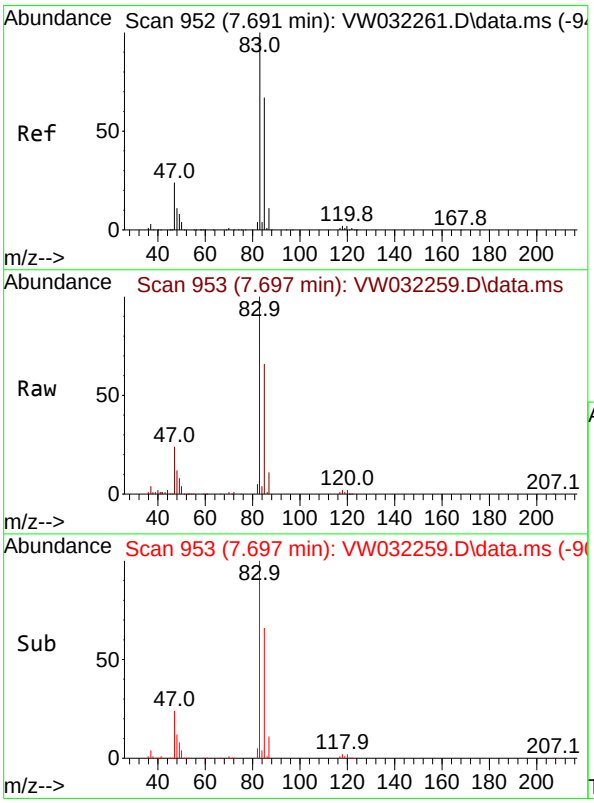
Ion	Ratio	Lower	Upper
42	100		
72	41.9	35.1	52.7
71	42.0	33.3	49.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

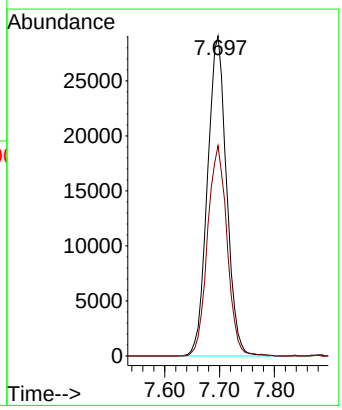
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

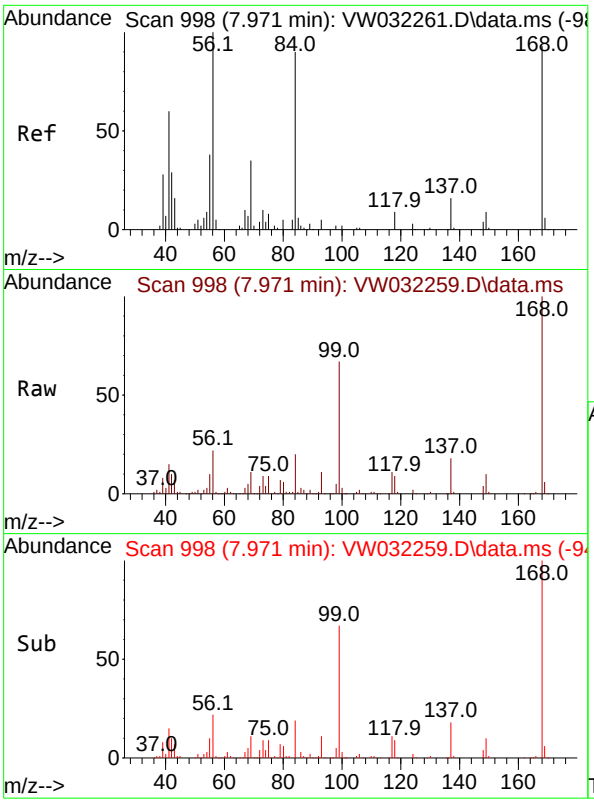


#30
Chloroform
Concen: 10.473 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 83 Resp: 70085

Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.3	79.9

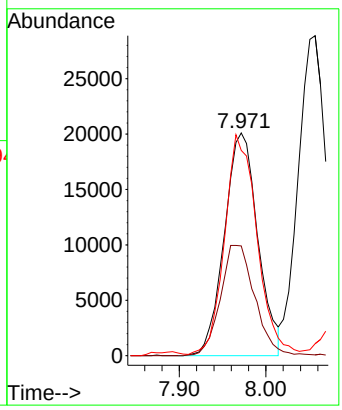




#31
Cyclohexane
Concen: 10.677 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 56 Resp: 5399

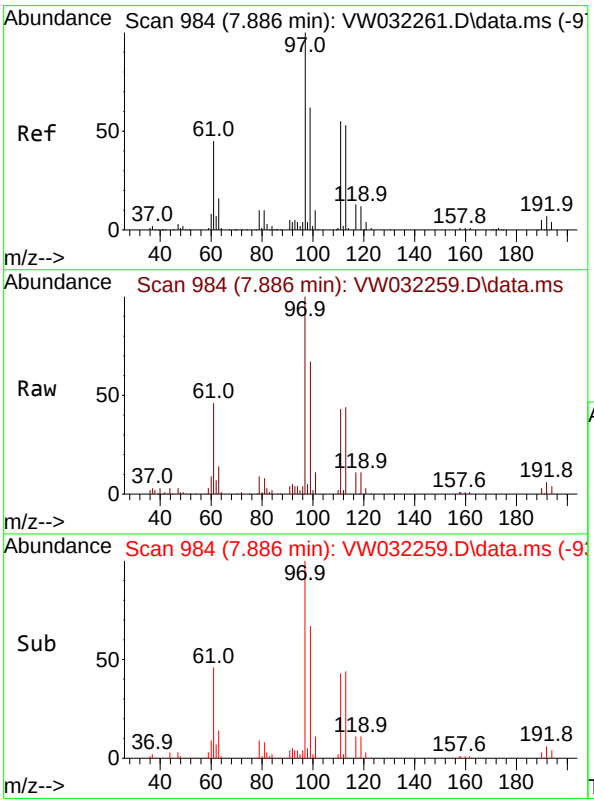
Ion	Ratio	Lower	Upper
56	100		
69	49.3	28.2	42.2
84	90.9	71.8	107.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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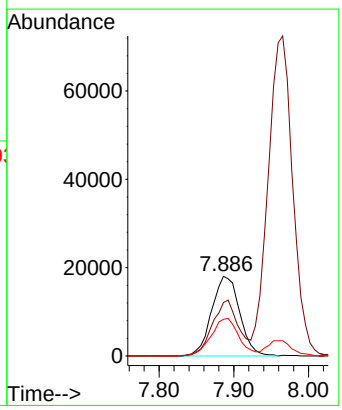
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

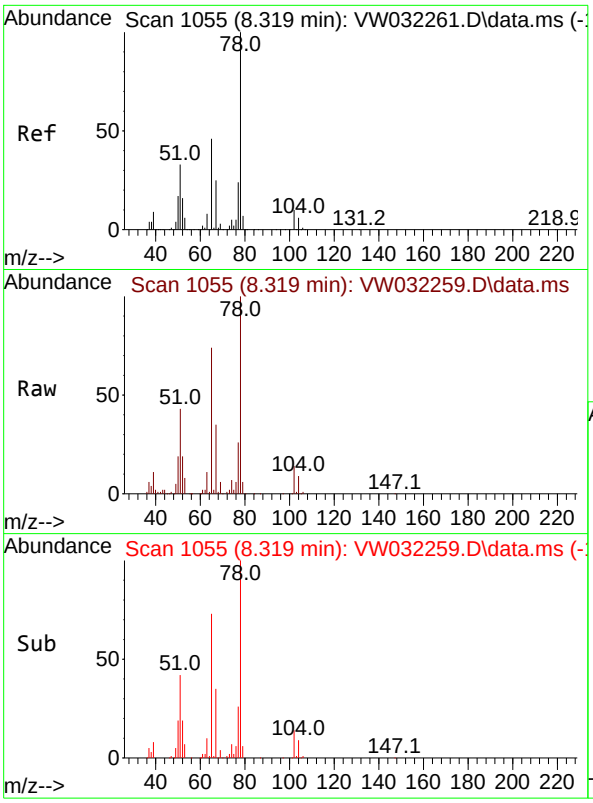


#32
1,1,1-Trichloroethane
Concen: 10.413 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 97 Resp: 46942

Ion	Ratio	Lower	Upper
97	100		
99	66.1	50.6	76.0
61	46.5	36.2	54.4

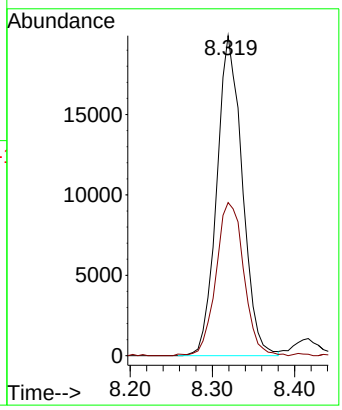




#33
1,2-Dichloroethane-d4
Concen: 10.926 ug/l
RT: 8.319 min Scan# 10
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 65 Resp: 4279

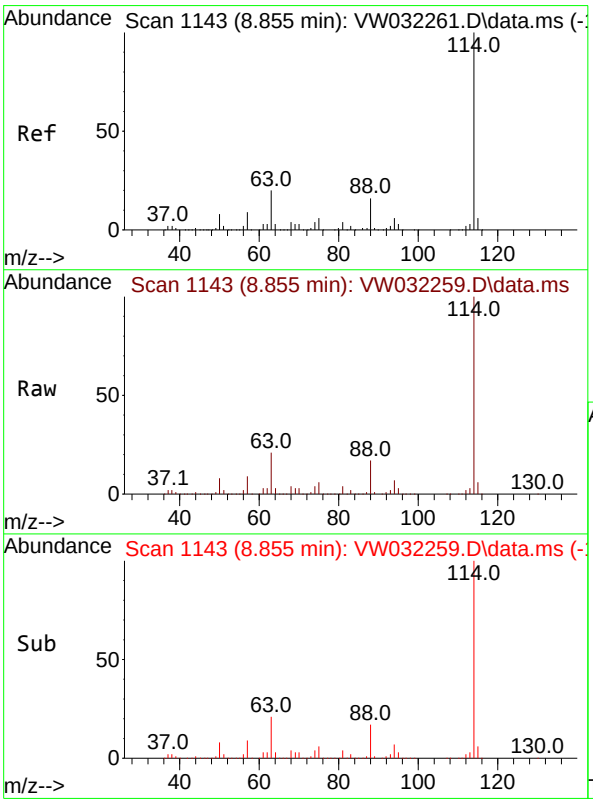
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

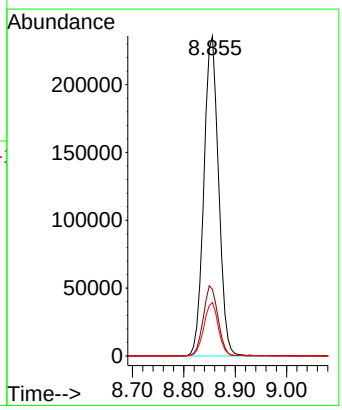
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

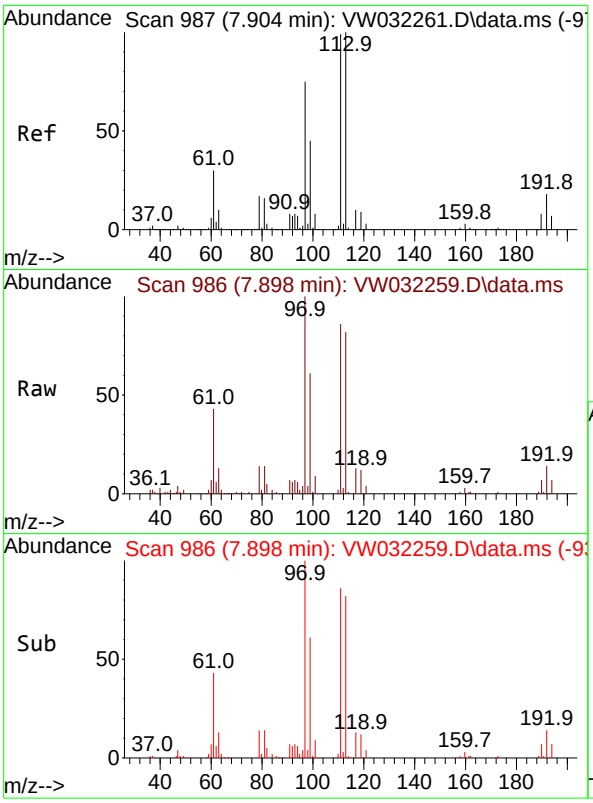


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:114 Resp: 468360

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.2
88	16.7	0.0	32.0

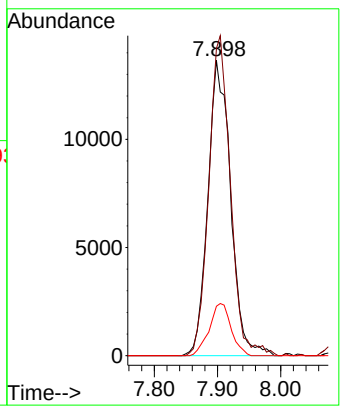




#35
Dibromofluoromethane
Concen: 10.126 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:113 Resp: 3410

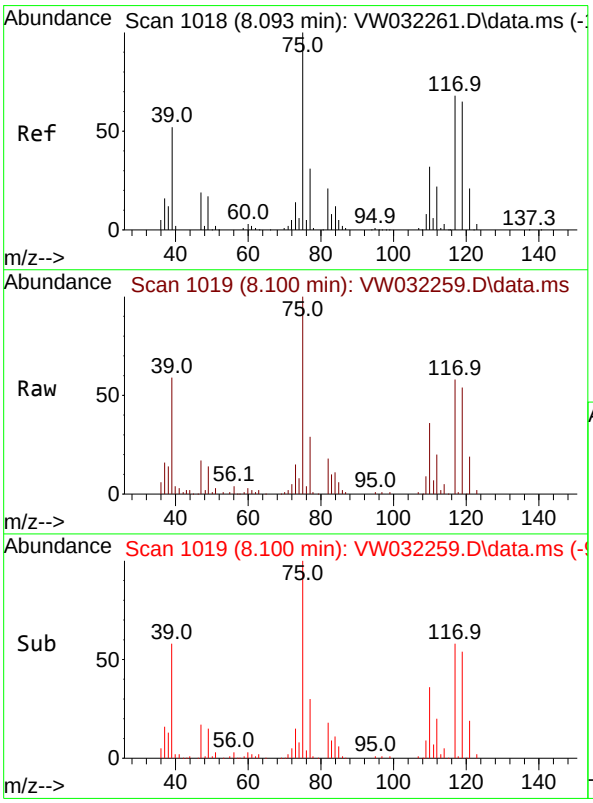
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.8
192	17.0	13.0	19.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

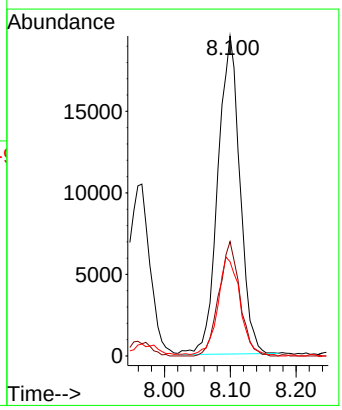
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

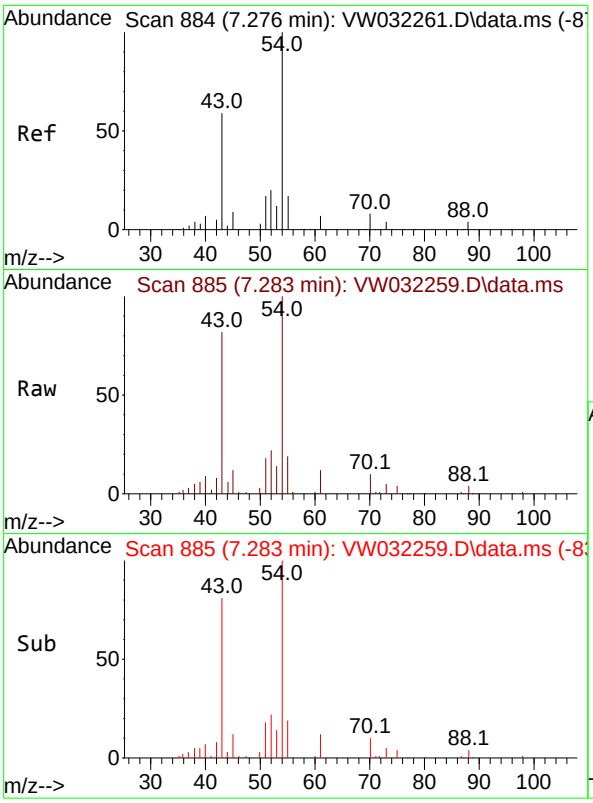


#36
1,1-Dichloropropene
Concen: 10.027 ug/l
RT: 8.100 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 75 Resp: 45535

Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.1
77	31.8	25.2	37.8





#37
Ethyl Acetate
Concen: 10.126 ug/l
RT: 7.283 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

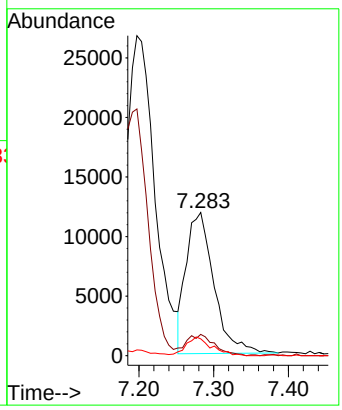
Tgt Ion: 43 Resp: 3049

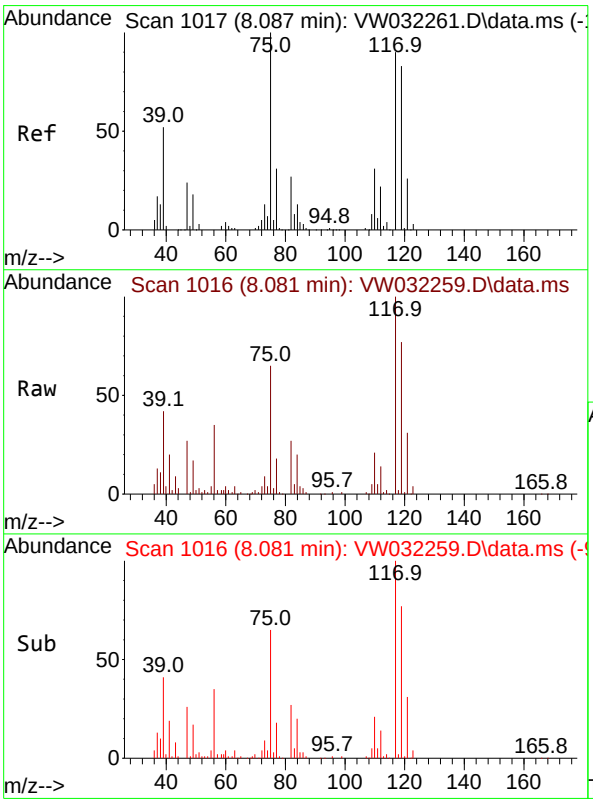
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.5	15.7
70	12.1	8.5	12.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

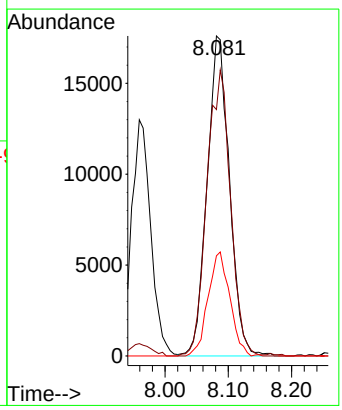


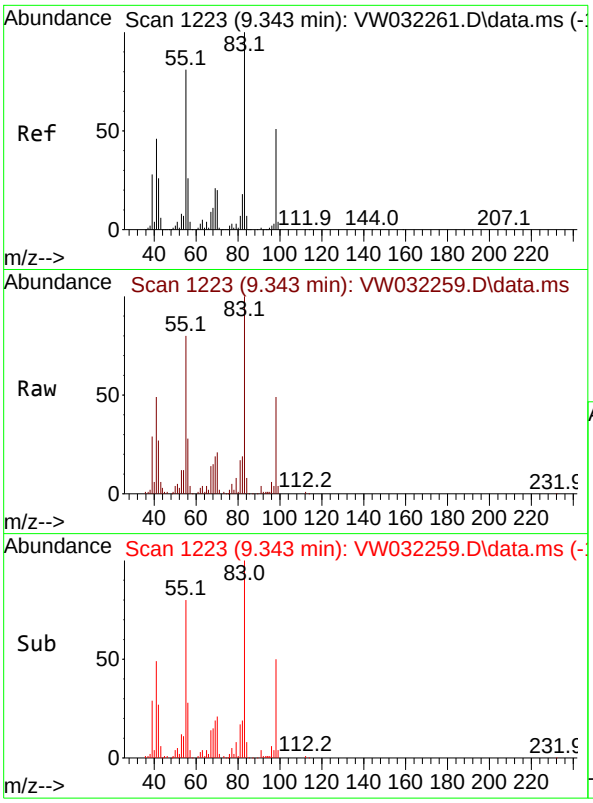


#38
Carbon Tetrachloride
Concen: 10.118 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:117 Resp: 43230

Ion	Ratio	Lower	Upper
117	100		
119	77.0	73.9	110.9
121	31.3	23.0	34.6

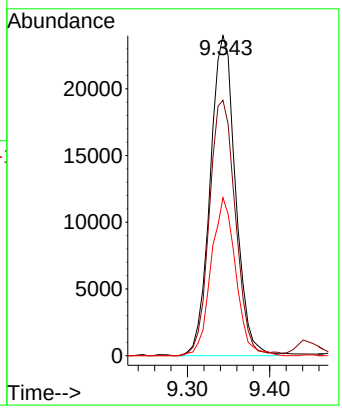




#39
Methylcyclohexane
Concen: 9.723 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 83 Resp: 5109

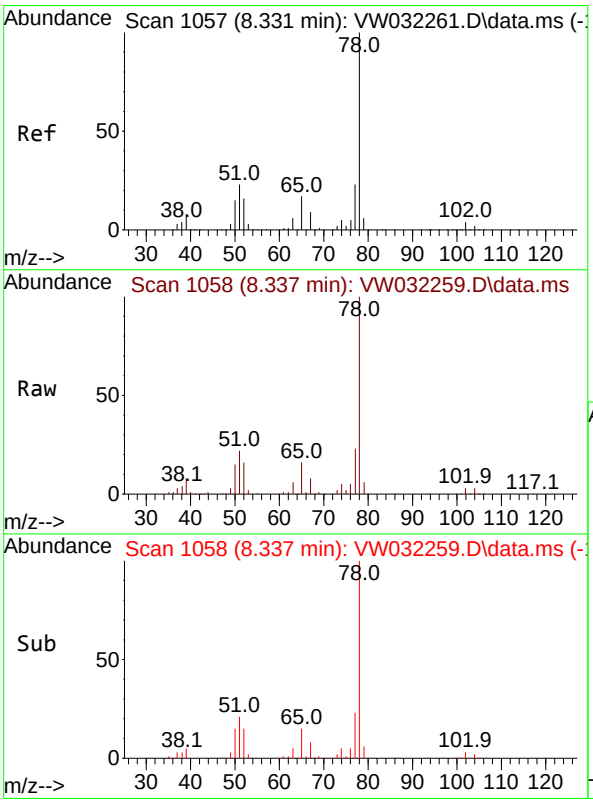
Ion	Ratio	Lower	Upper
83	100		
55	79.8	65.0	97.6
98	49.4	40.8	61.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

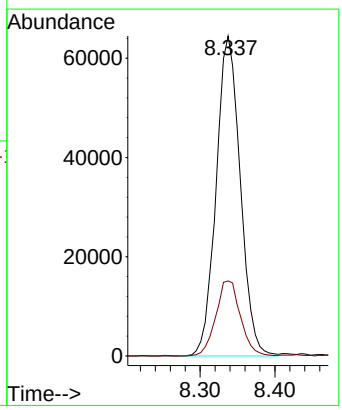
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

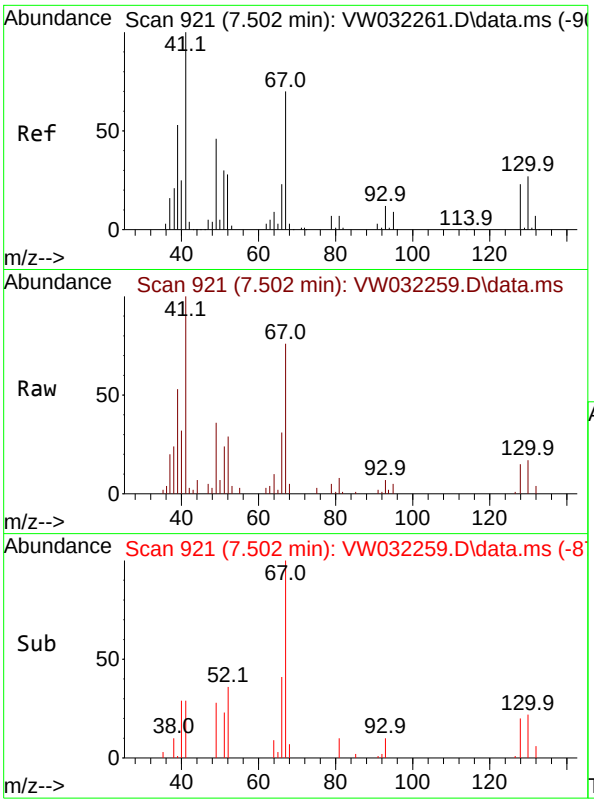


#40
Benzene
Concen: 10.124 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 78 Resp: 144721

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

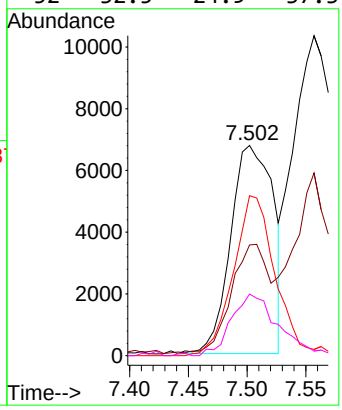




#41
Methacrylonitrile
Concen: 9.865 ug/l
RT: 7.502 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 41 Resp: 1701

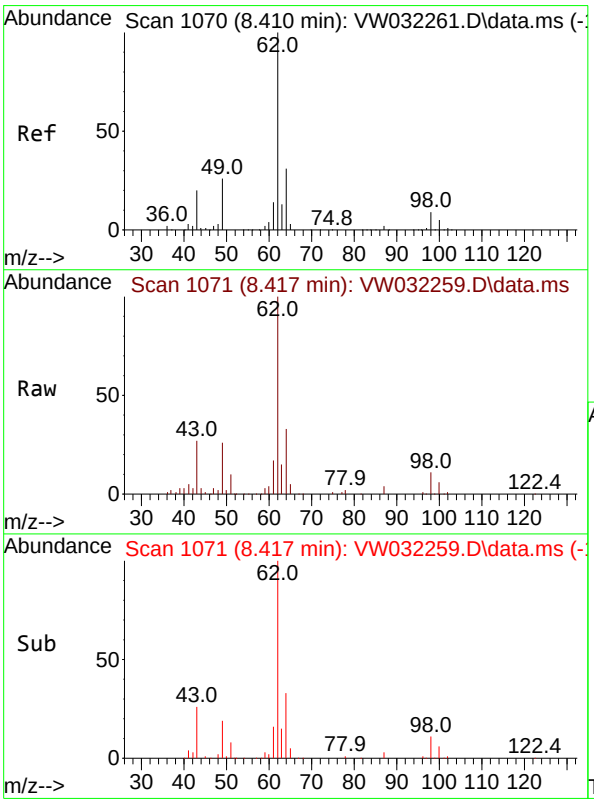
Ion	Ratio	Lower	Upper
41	100		
39	47.2	46.9	70.3
67	76.7	59.0	88.4
52	32.5	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

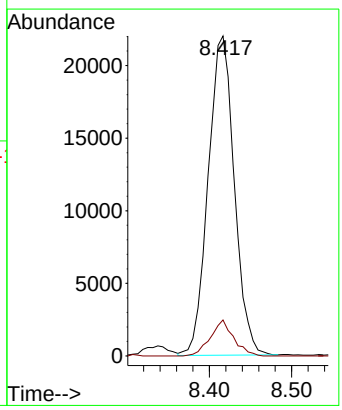
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

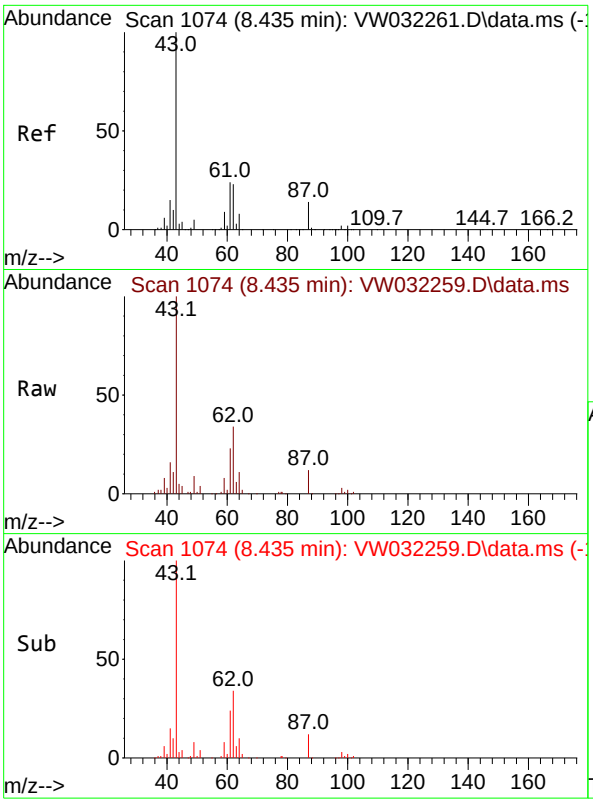


#42
1,2-Dichloroethane
Concen: 10.222 ug/l
RT: 8.417 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 62 Resp: 48566

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.4

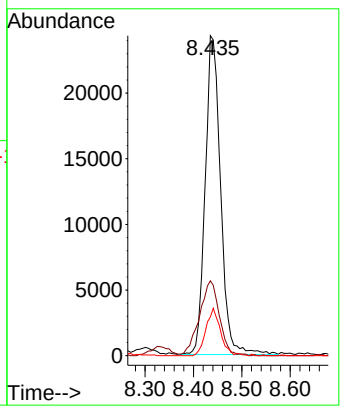




#43
Isopropyl Acetate
Concen: 9.986 ug/l
RT: 8.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 43 Resp: 5383

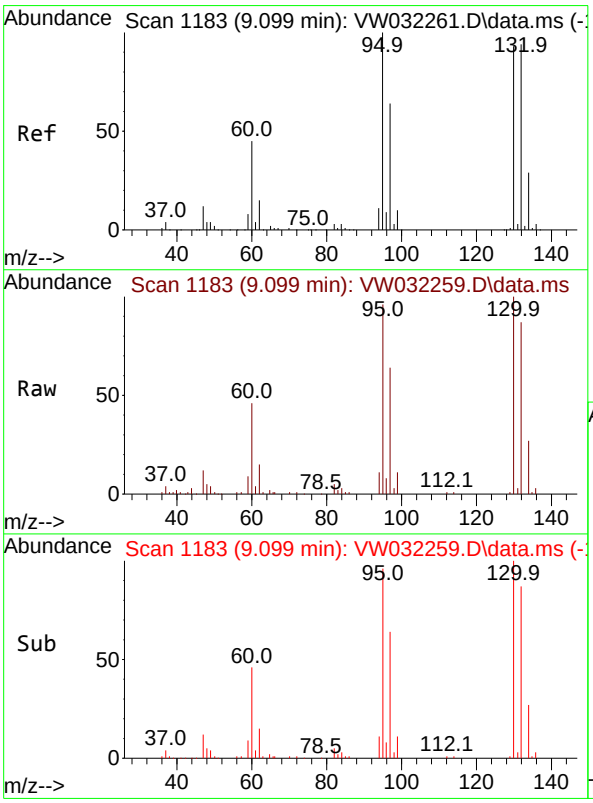
Ion	Ratio	Lower	Upper
43	100		
61	30.3	24.2	36.2
87	14.1	10.6	16.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

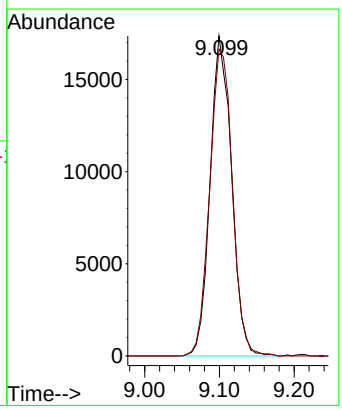
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

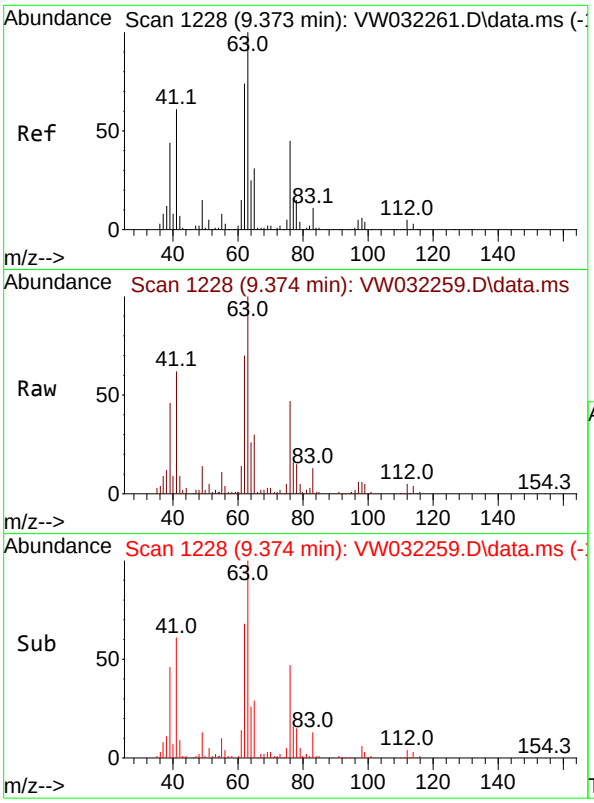


#44
Trichloroethene
Concen: 10.395 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:130 Resp: 34730

Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	215.2

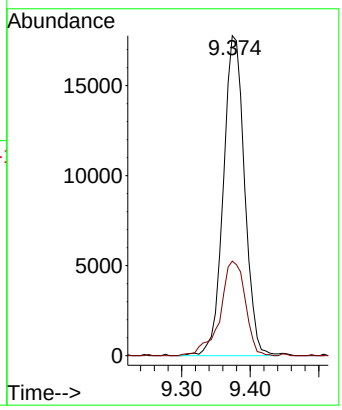




#45
1,2-Dichloropropane
Concen: 10.322 ug/l
RT: 9.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 63 Resp: 3821

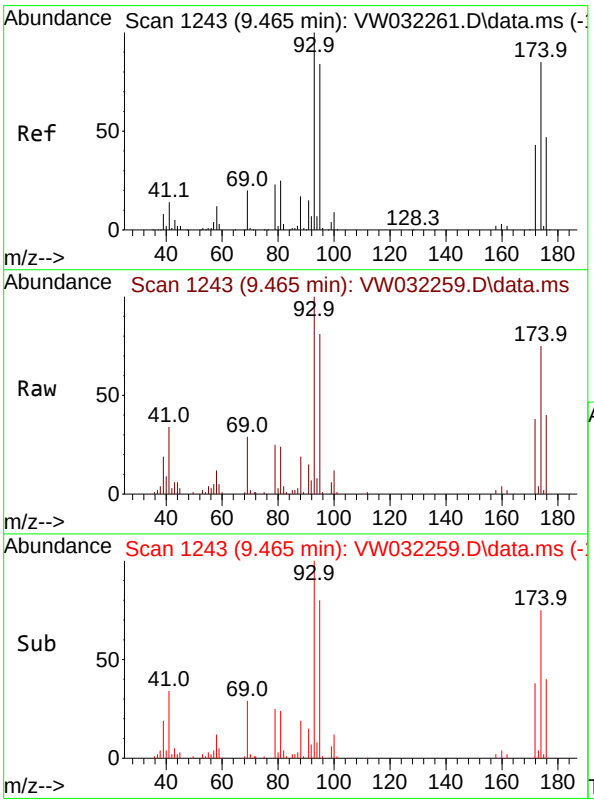
Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

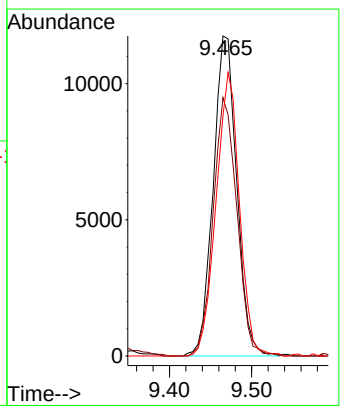
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

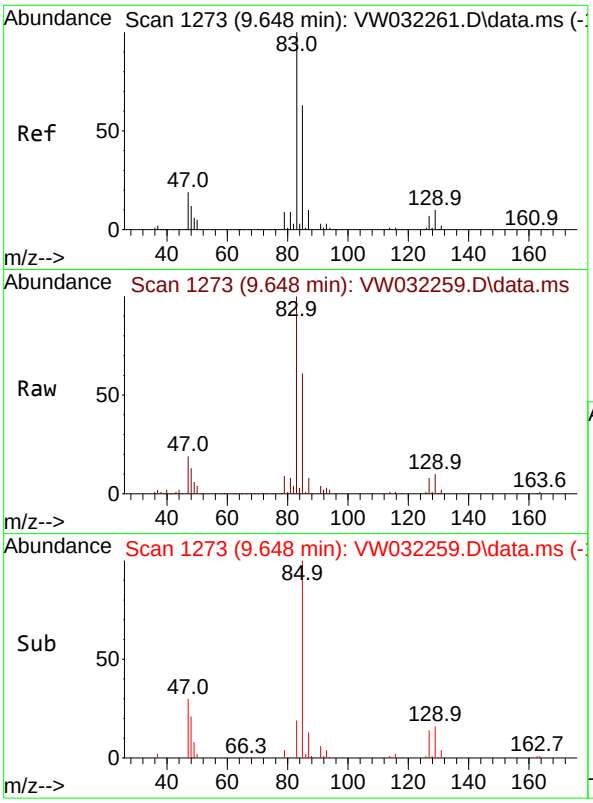


#46
Dibromomethane
Concen: 10.273 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 93 Resp: 23384

Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.6	99.8
174	87.8	69.0	103.6

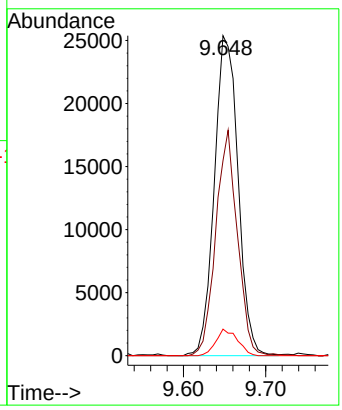




#47
Bromodichloromethane
Concen: 9.818 ug/l
RT: 9.648 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 83 Resp: 5096

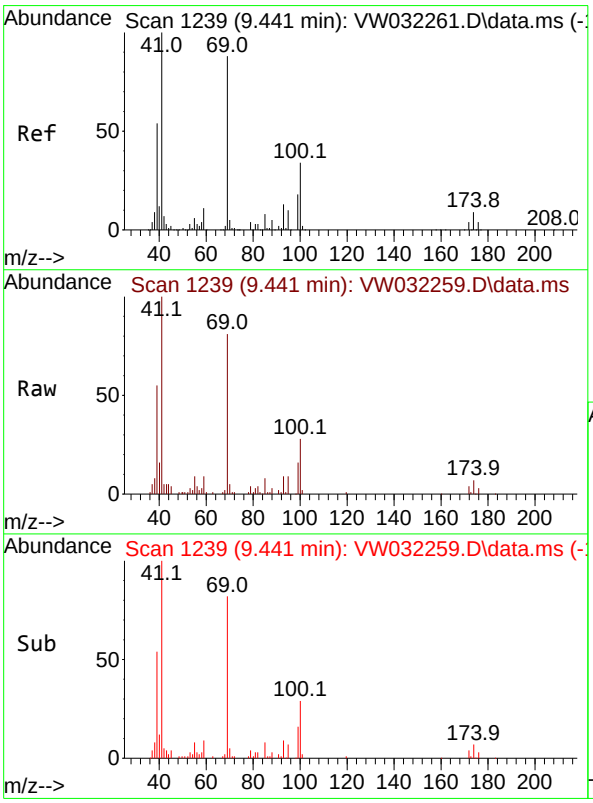
Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.3	75.5
127	8.3	5.6	8.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

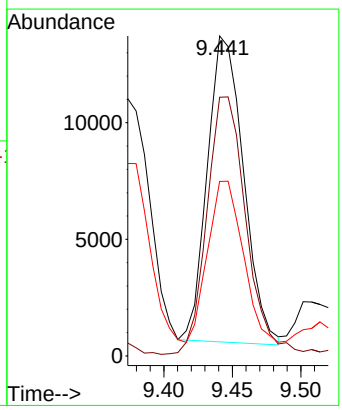
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

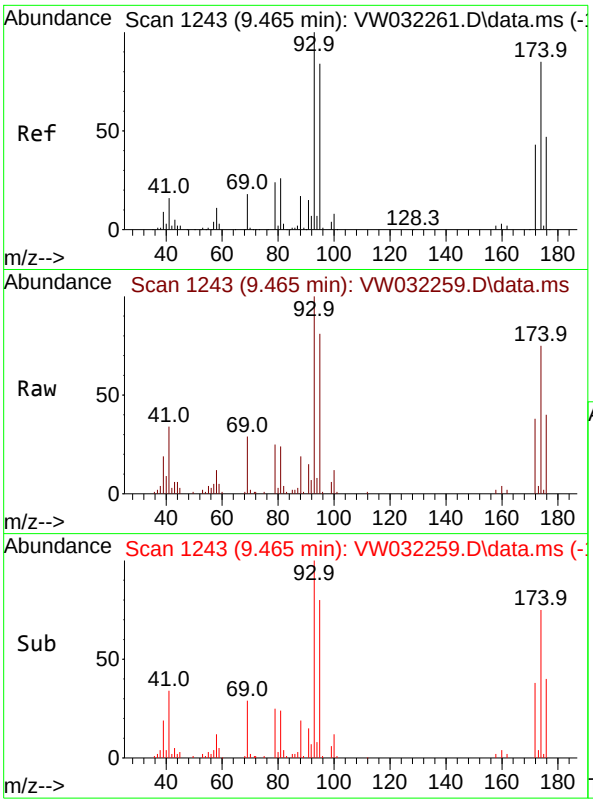


#48
Methyl methacrylate
Concen: 9.481 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 41 Resp: 24046

Ion	Ratio	Lower	Upper
41	100		
69	92.1	71.4	107.0
39	59.4	46.9	70.3

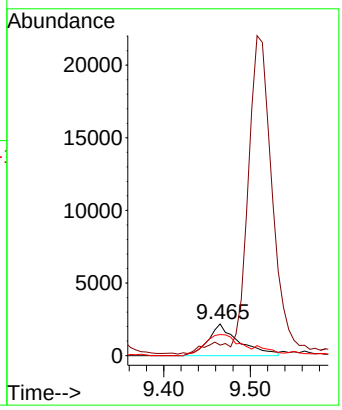




#49
1,4-Dioxane
Concen: 176.842 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 88 Resp: 539

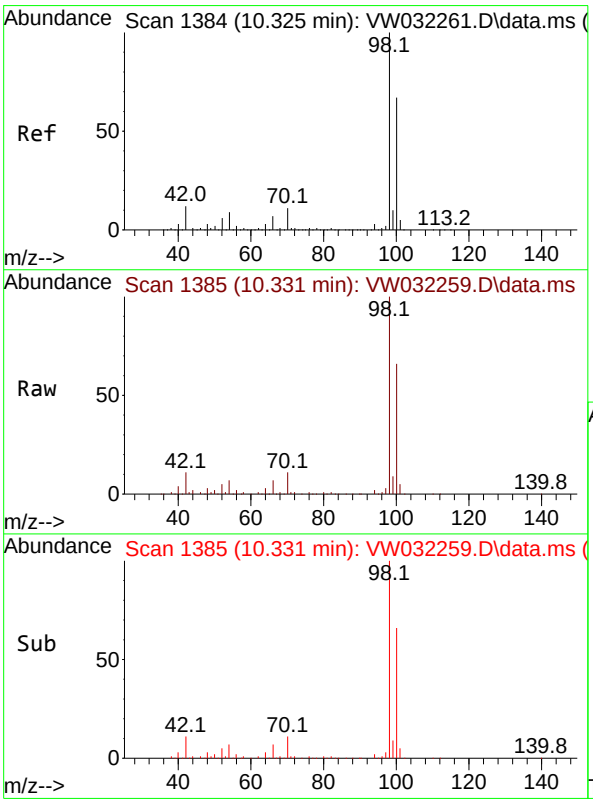
Ion	Ratio	Lower	Upper
88	100		
43	24.3	0.0	0.0
58	75.0	62.9	94.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

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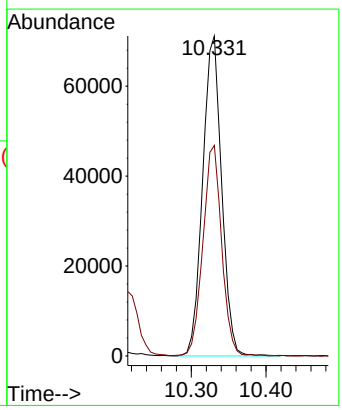
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

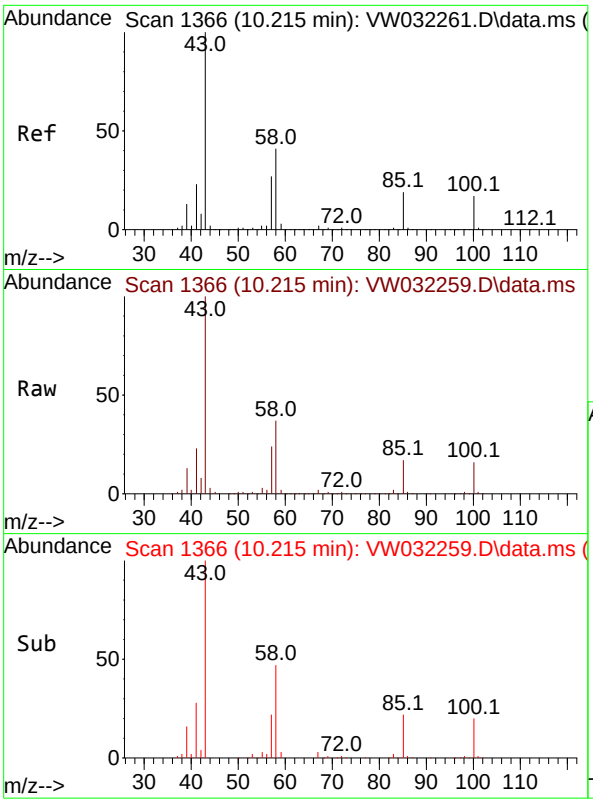


#50
Toluene-d8
Concen: 10.331 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 98 Resp: 125406

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 50.689 ug/l
RT: 10.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

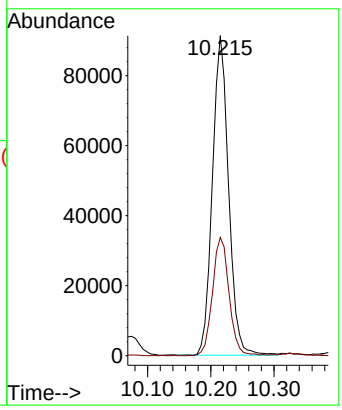
Tgt Ion: 43 Resp: 16203

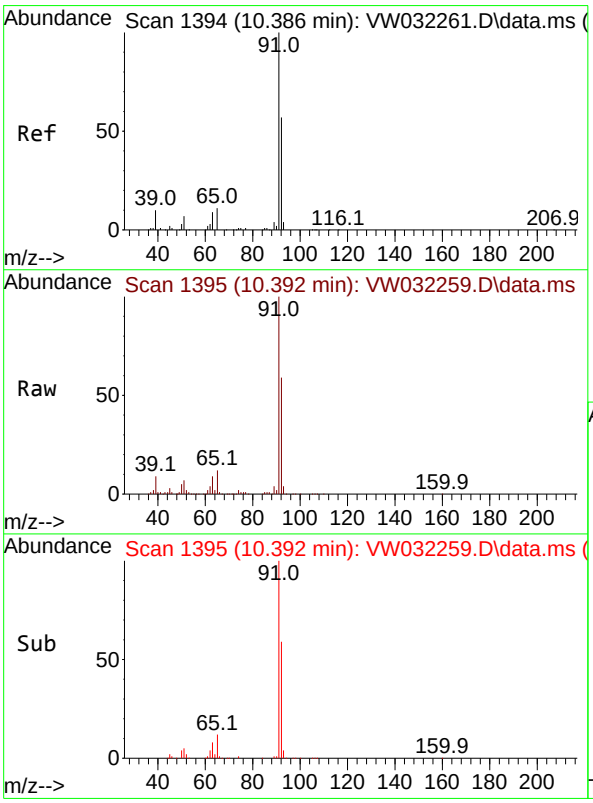
Ion	Ratio	Lower	Upper
43	100		
58	37.9	32.3	48.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

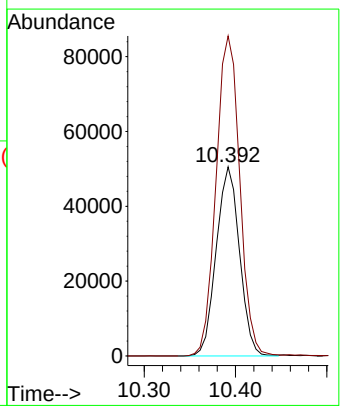


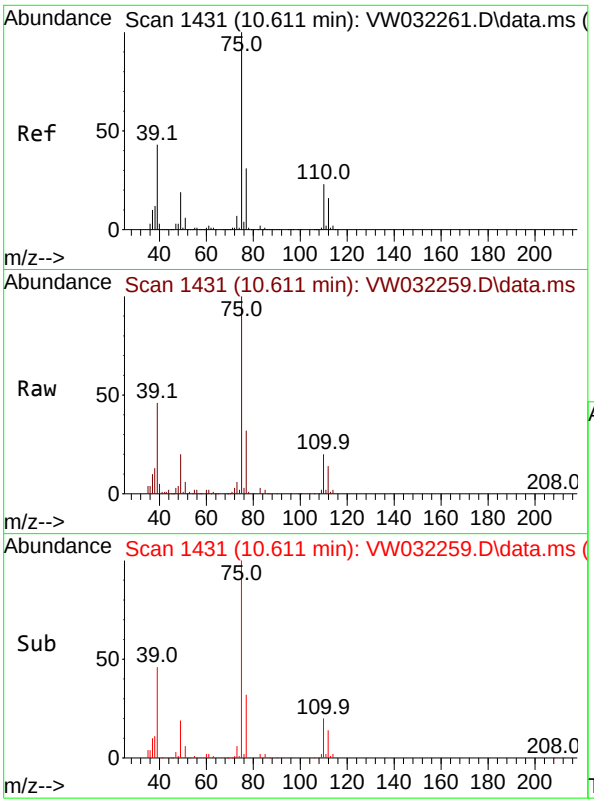


#52
Toluene
Concen: 10.096 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 92 Resp: 89443

Ion	Ratio	Lower	Upper
92	100		
91	172.4	139.2	208.8





#53
t-1,3-Dichloropropene
Concen: 9.415 ug/l
RT: 10.611 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

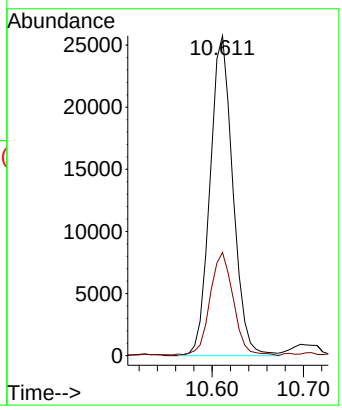
Tgt Ion: 75 Resp: 4478

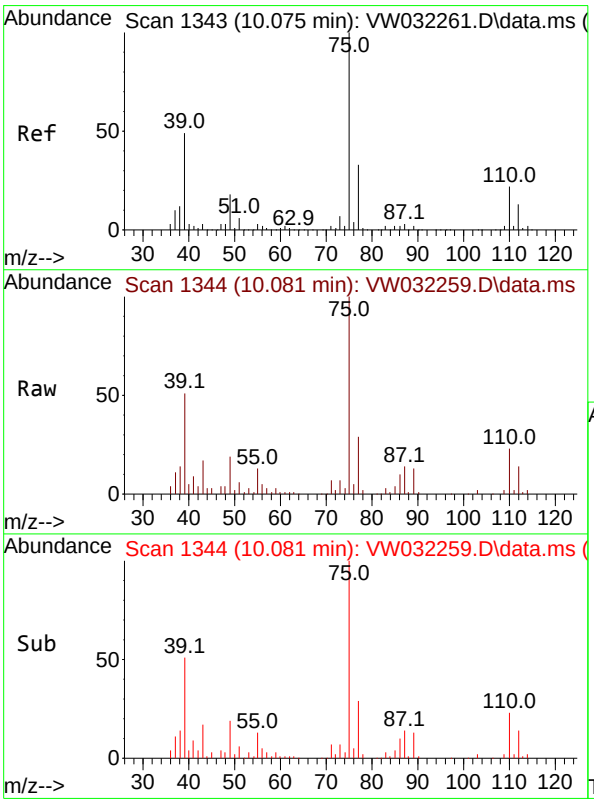
Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

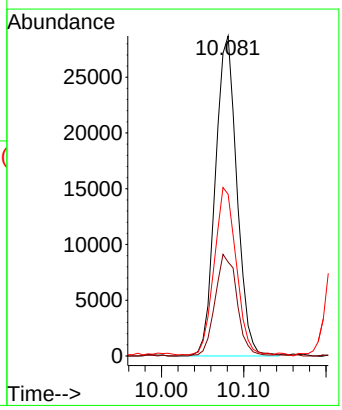


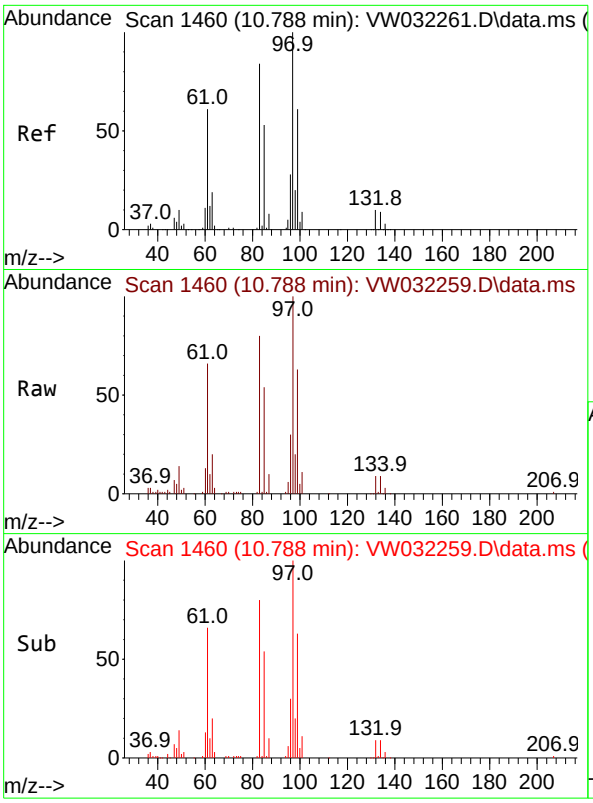


#54
cis-1,3-Dichloropropene
Concen: 9.525 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 75 Resp: 52304

Ion	Ratio	Lower	Upper
75	100		
77	29.3	26.2	39.4
39	50.2	39.0	58.6

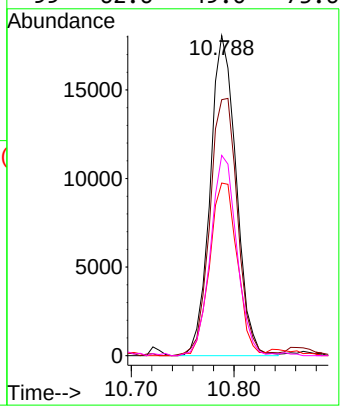




#55
1,1,2-Trichloroethane
Concen: 10.223 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 97 Resp: 3176

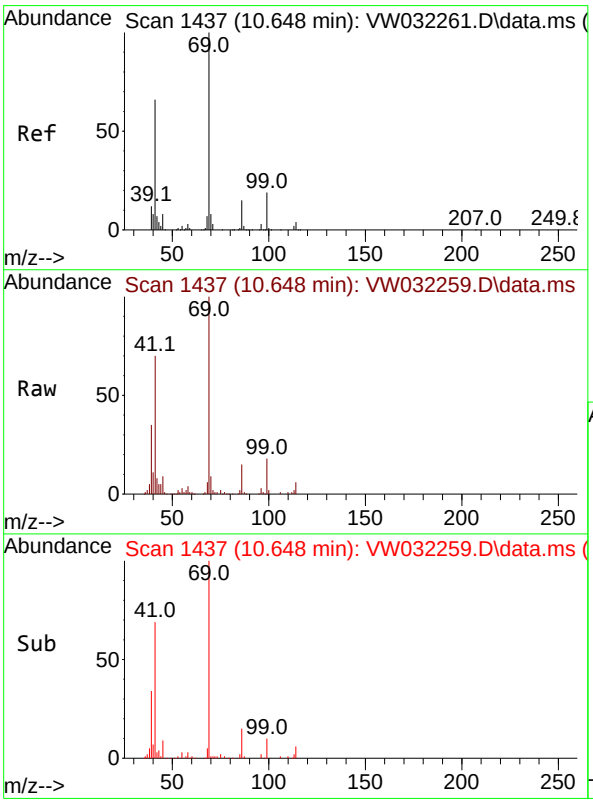
Ion	Ratio	Lower	Upper
97	100		
83	79.7	67.4	101.2
85	54.0	42.0	63.0
99	62.6	49.0	73.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

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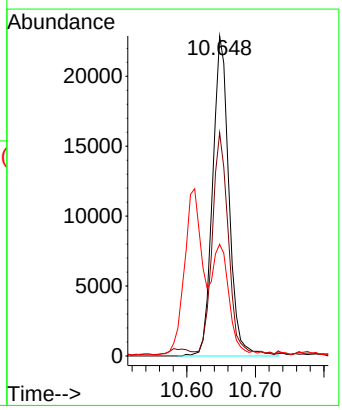
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

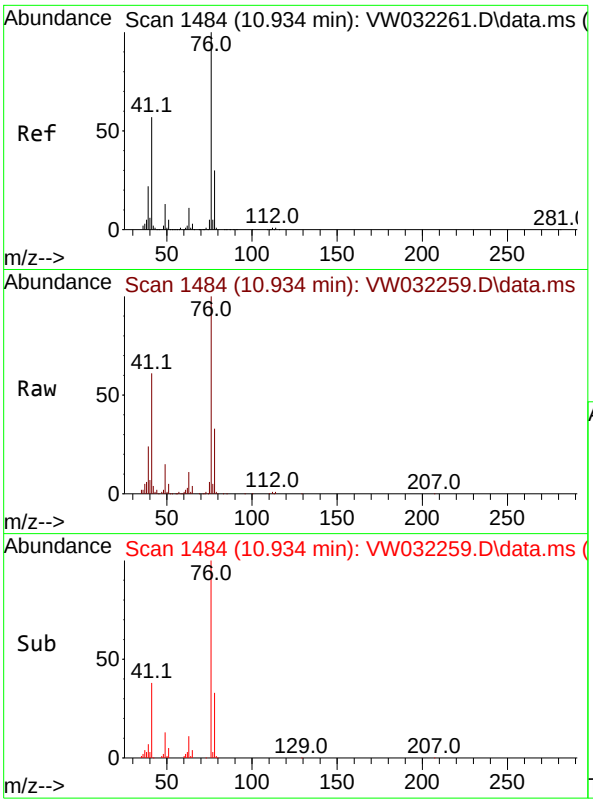


#56
Ethyl methacrylate
Concen: 9.265 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 69 Resp: 37918

Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.7	82.1
39	35.6	26.3	39.5

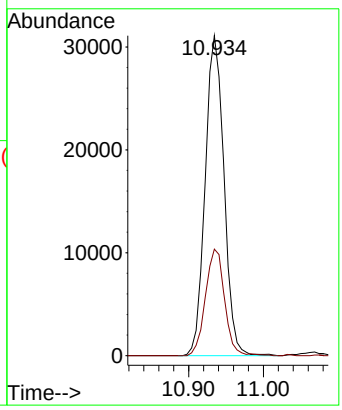




#57
1,3-Dichloropropane
Concen: 10.126 ug/l
RT: 10.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 76 Resp: 5435

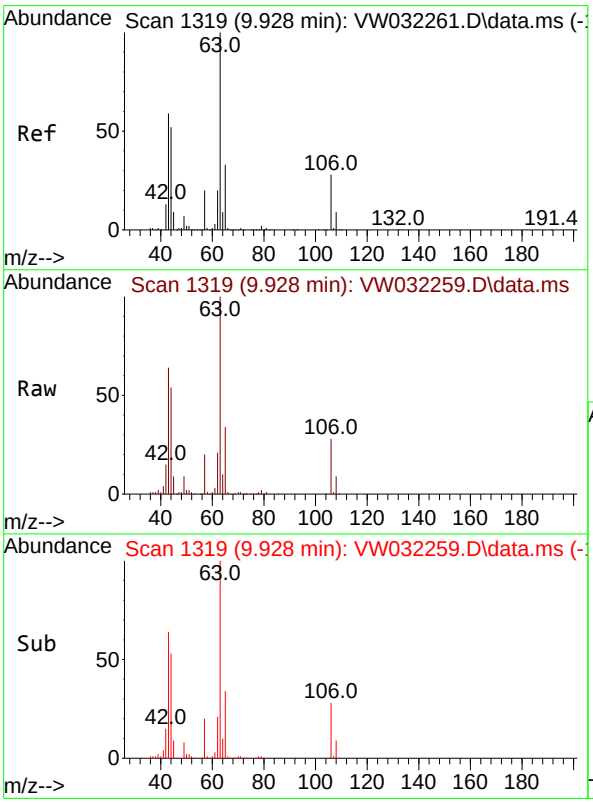
Ion	Ratio	Lower	Upper
76	100		
78	33.9	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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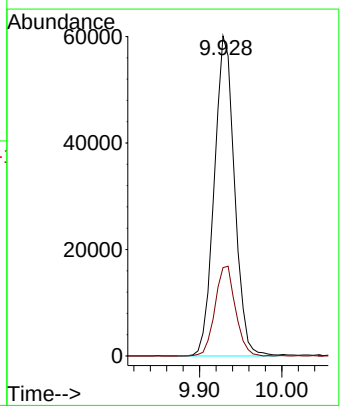
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

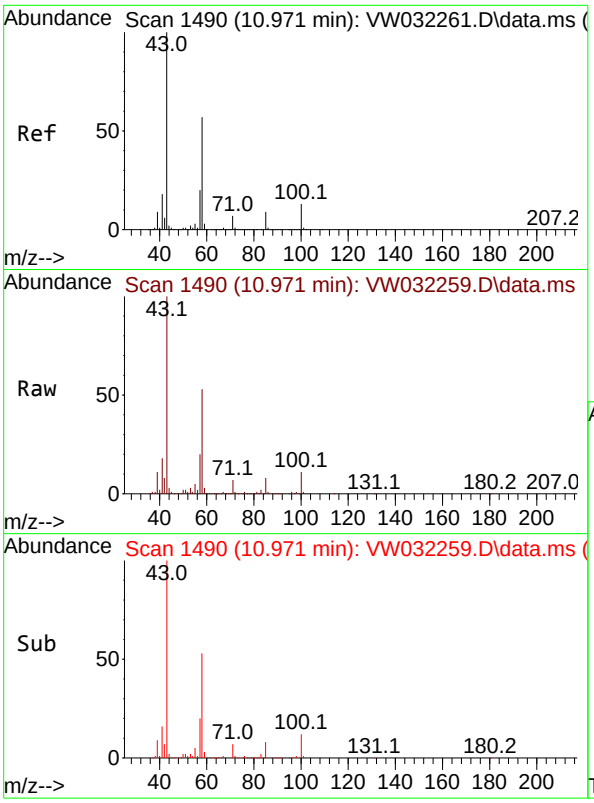


#58
2-Chloroethyl Vinyl ether
Concen: 45.830 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 63 Resp: 102960

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.5	33.7





#59
2-Hexanone
Concen: 48.141 ug/l
RT: 10.971 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

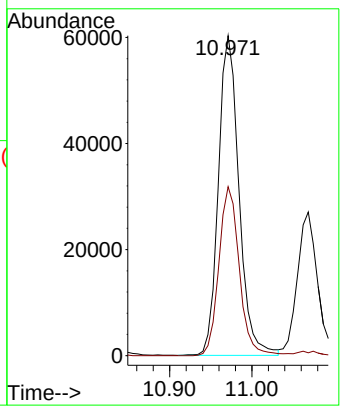
Tgt Ion: 43 Resp: 10508

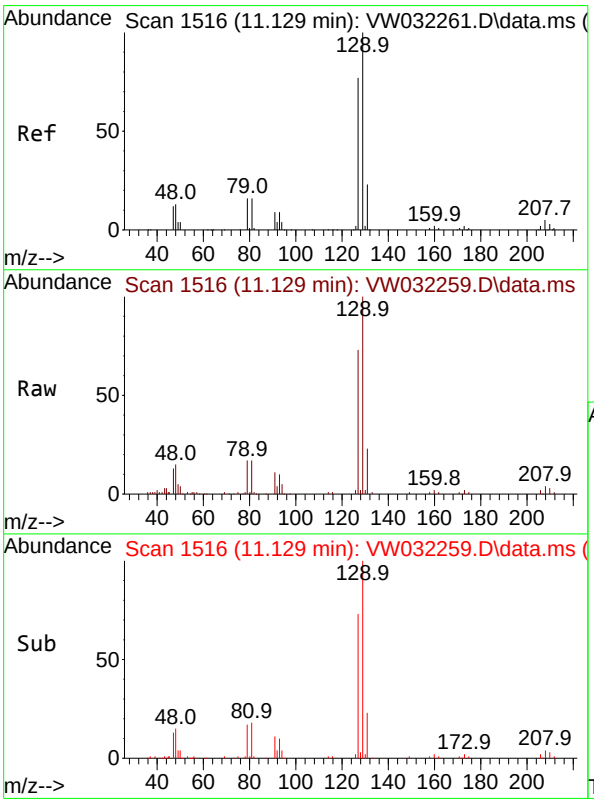
Ion	Ratio	Lower	Upper
43	100		
58	52.4	27.9	83.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

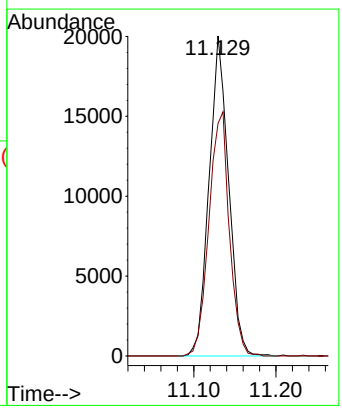


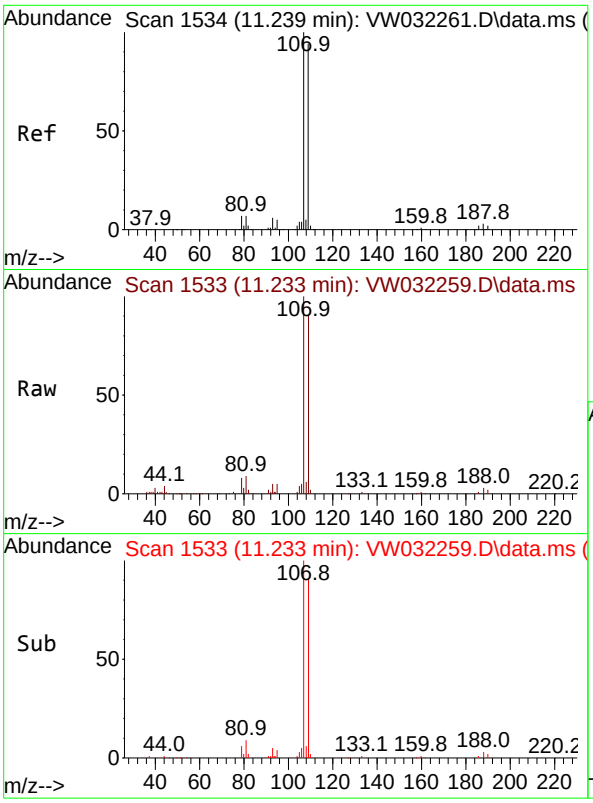


#60
Dibromochloromethane
Concen: 9.672 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:129 Resp: 33001

Ion	Ratio	Lower	Upper
129	100		
127	79.7	39.3	117.8

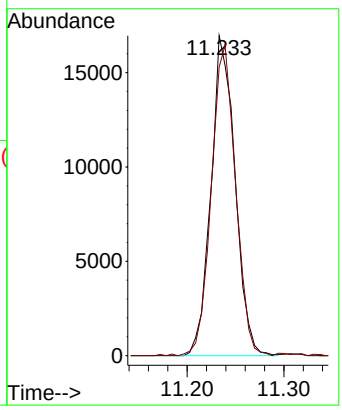




#61
1,2-Dibromoethane
Concen: 9.954 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:107 Resp: 2929

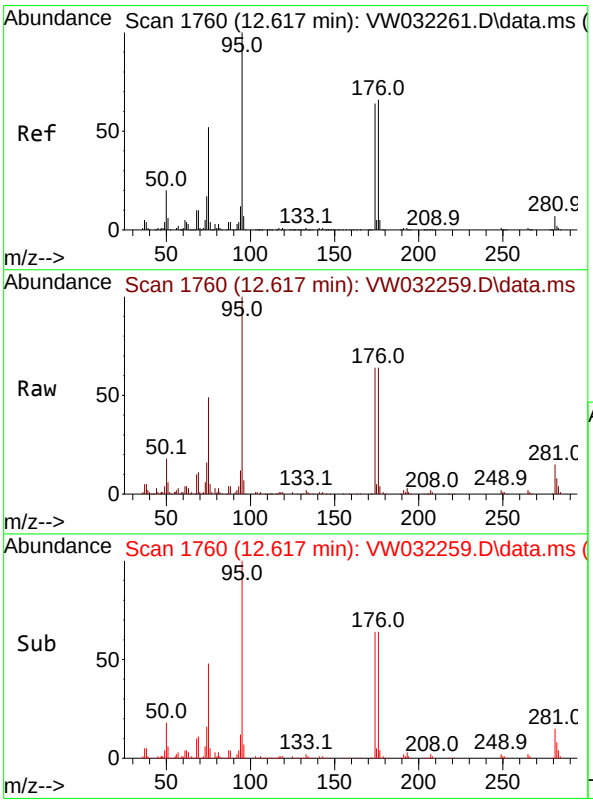
Ion	Ratio	Lower	Upper
107	100		
109	97.8	74.1	111.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

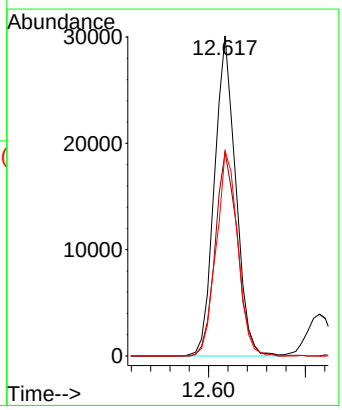
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

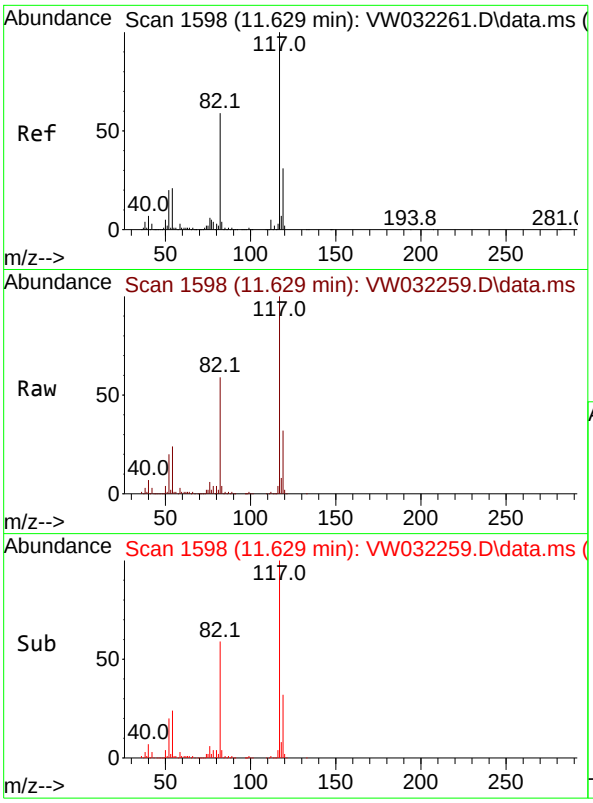


#62
4-Bromofluorobenzene
Concen: 10.035 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 95 Resp: 45948

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	130.6
176	64.9	0.0	127.0

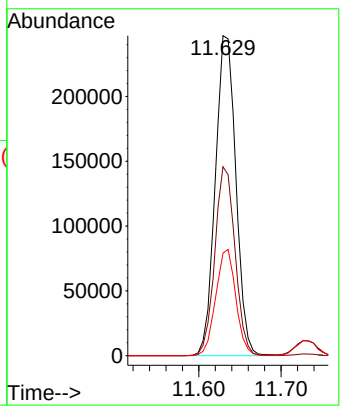




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:117 Resp: 42992

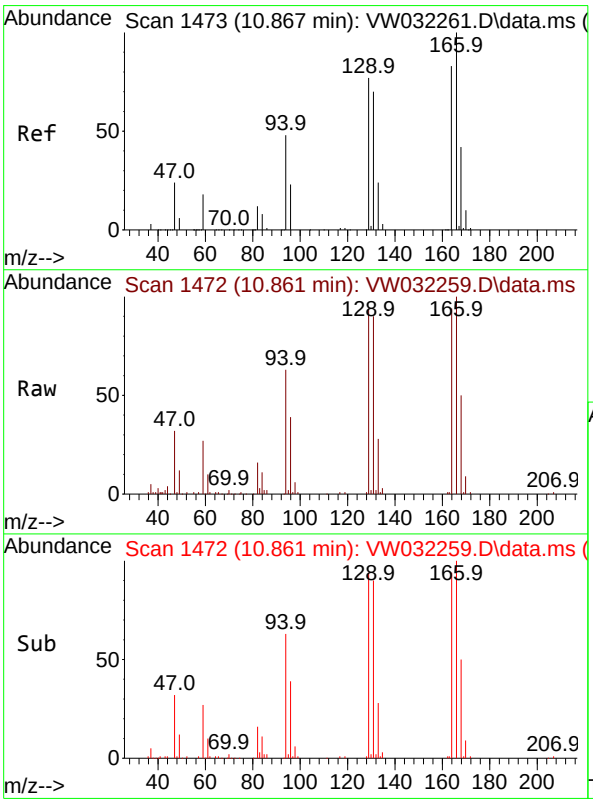
Ion	Ratio	Lower	Upper
117	100		
82	59.1	46.9	70.3
119	32.1	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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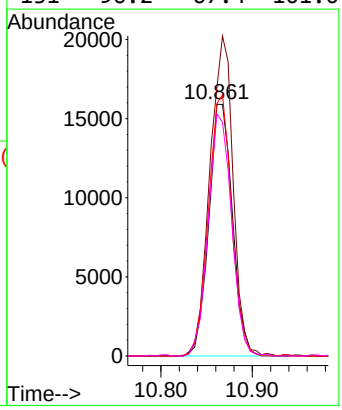
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

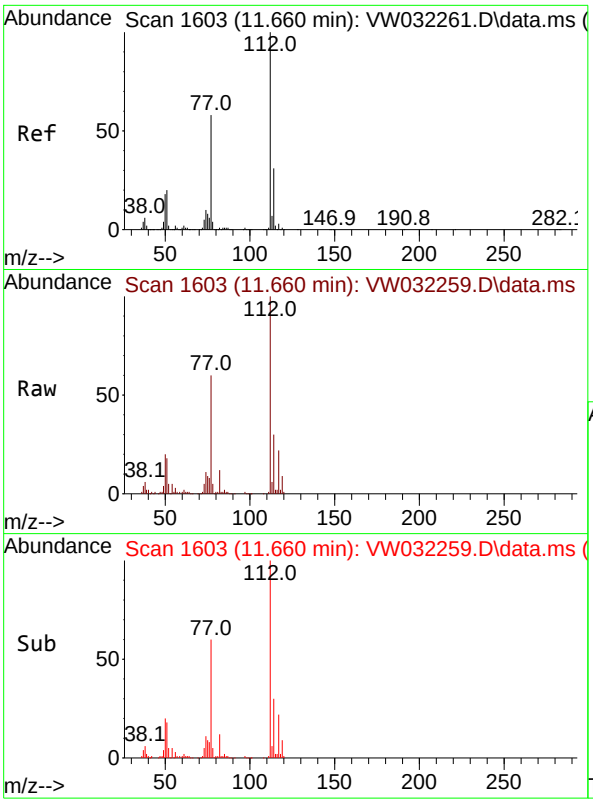


#64
Tetrachloroethene
Concen: 10.870 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:164 Resp: 28481

Ion	Ratio	Lower	Upper
164	100		
166	106.6	96.9	145.3
129	100.3	75.0	112.4
131	96.2	67.4	101.0

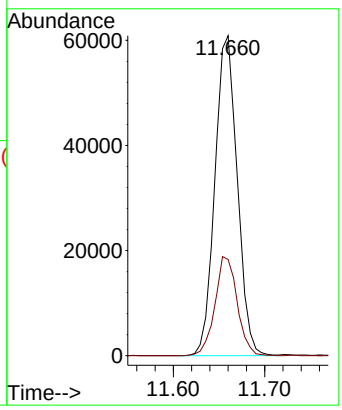




#65
Chlorobenzene
Concen: 10.462 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:112 Resp: 10360

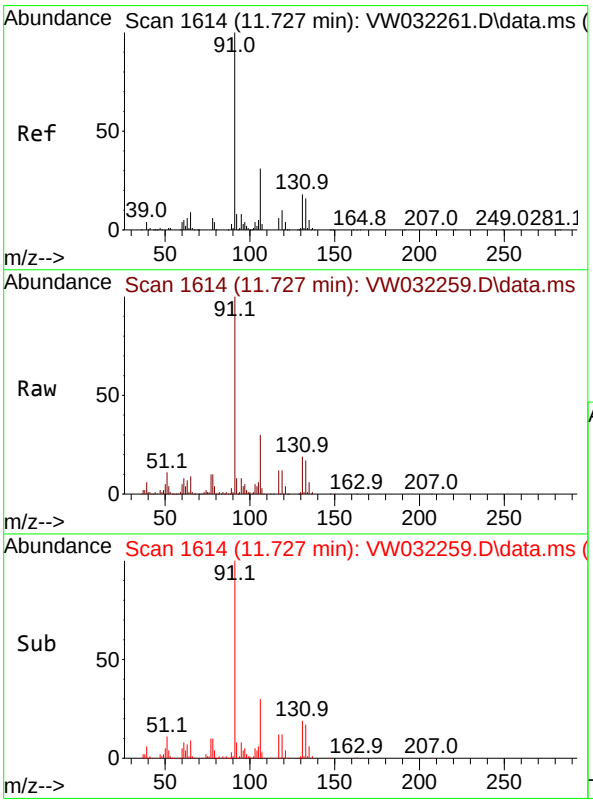
Ion	Ratio	Lower	Upper
112	100		
114	30.1	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
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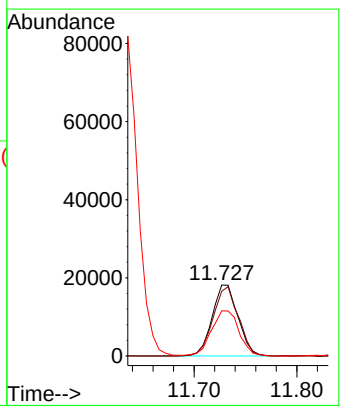
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

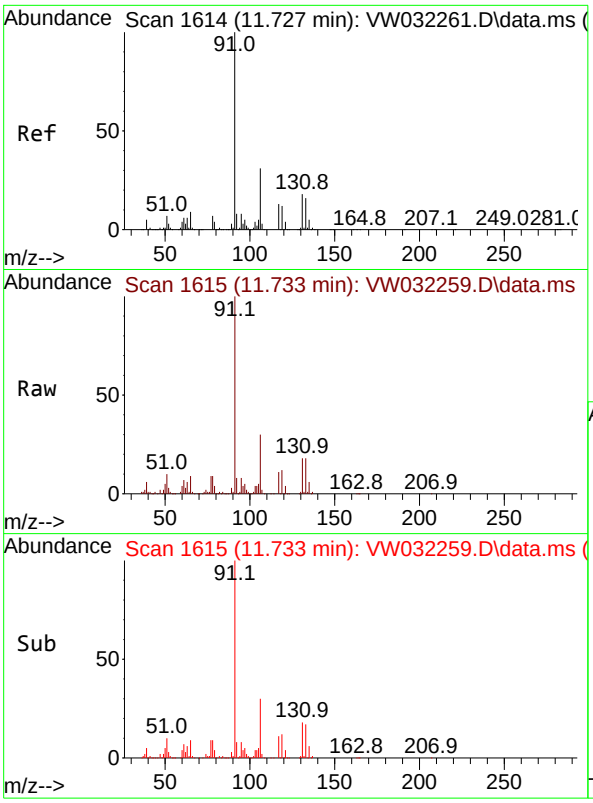


#66
1,1,1,2-Tetrachloroethane
Concen: 10.071 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:131 Resp: 31543

Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.1	141.3
119	68.3	33.9	101.7

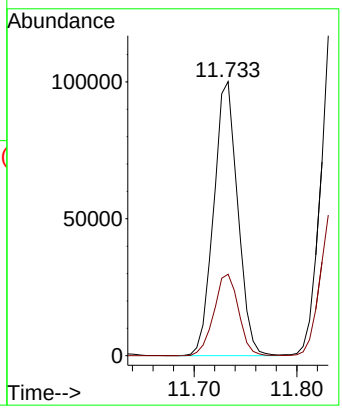




#67
Ethyl Benzene
Concen: 10.026 ug/l
RT: 11.733 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 91 Resp: 16251

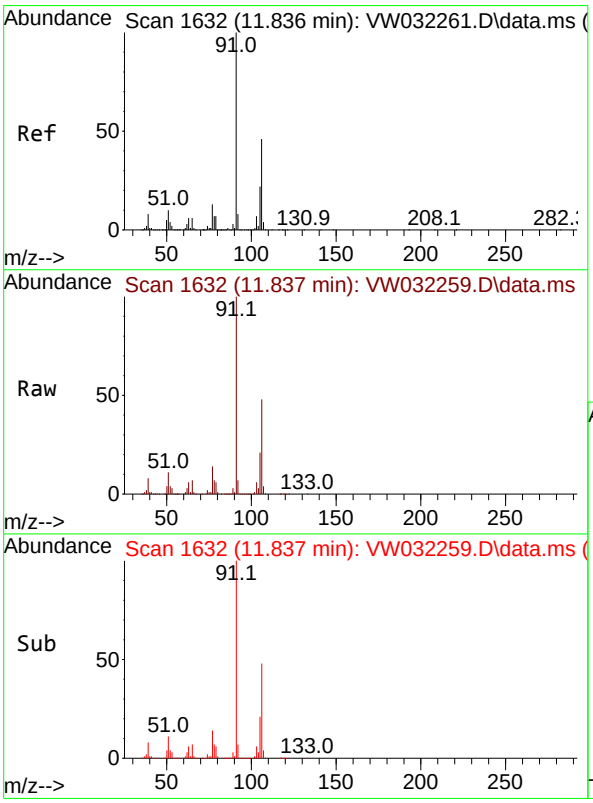
Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

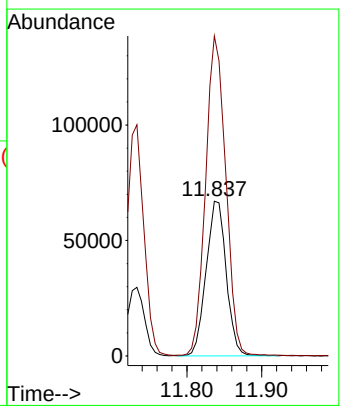
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

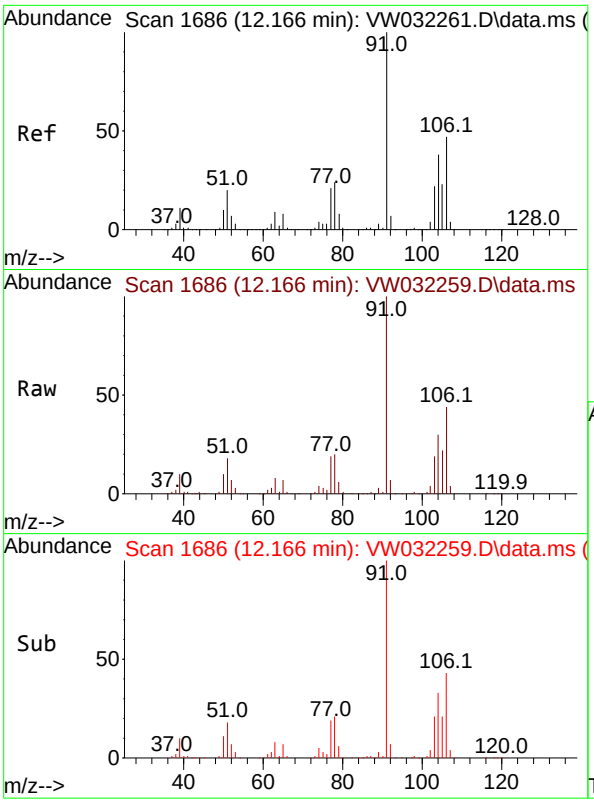


#68
m/p-Xylenes
Concen: 20.160 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:106 Resp: 125268

Ion	Ratio	Lower	Upper
106	100		
91	207.3	169.0	253.4

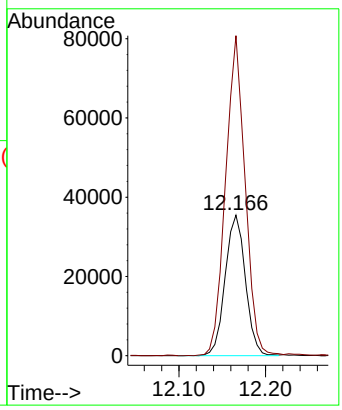




#69
o-Xylene
Concen: 9.862 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:106 Resp: 5758

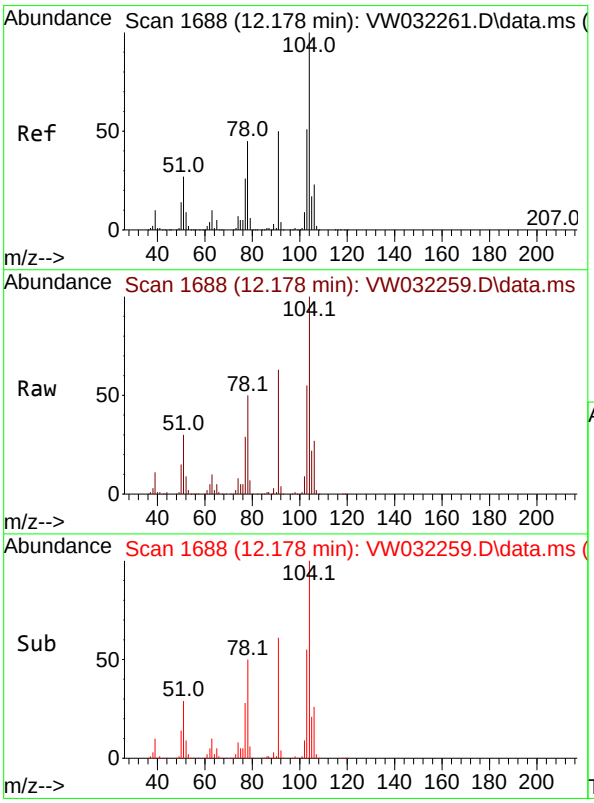
Ion	Ratio	Lower	Upper
106	100		
91	220.2	107.8	323.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

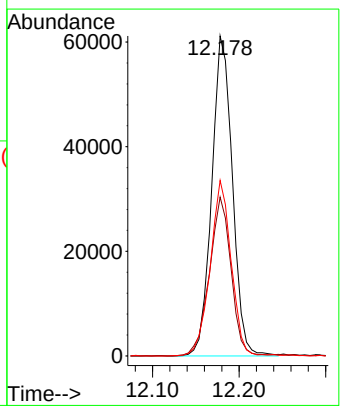
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

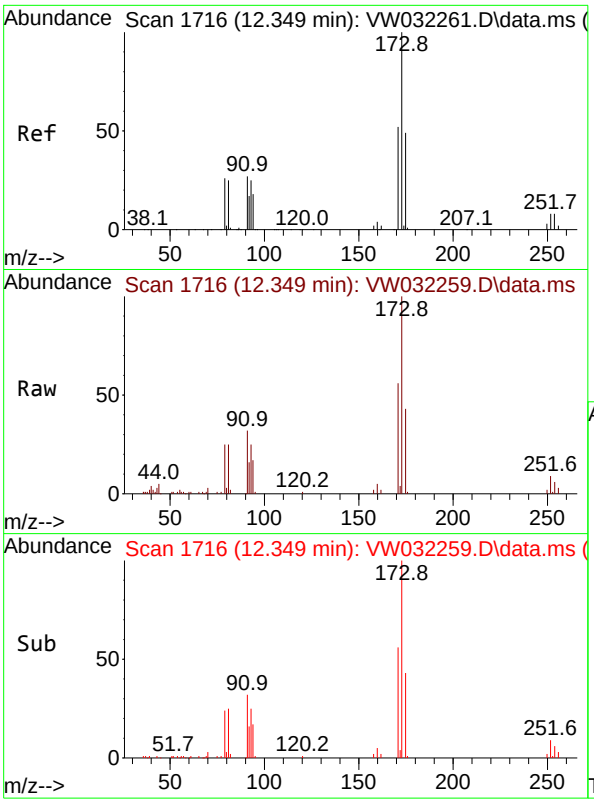


#70
Styrene
Concen: 9.908 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:104 Resp: 101464

Ion	Ratio	Lower	Upper
104	100		
78	52.0	40.8	61.2
103	55.8	43.4	65.2

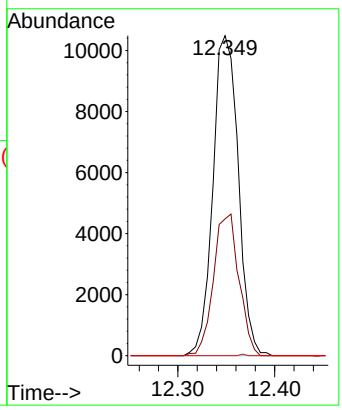




#71
Bromoform
Concen: 10.450 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:173 Resp: 1907

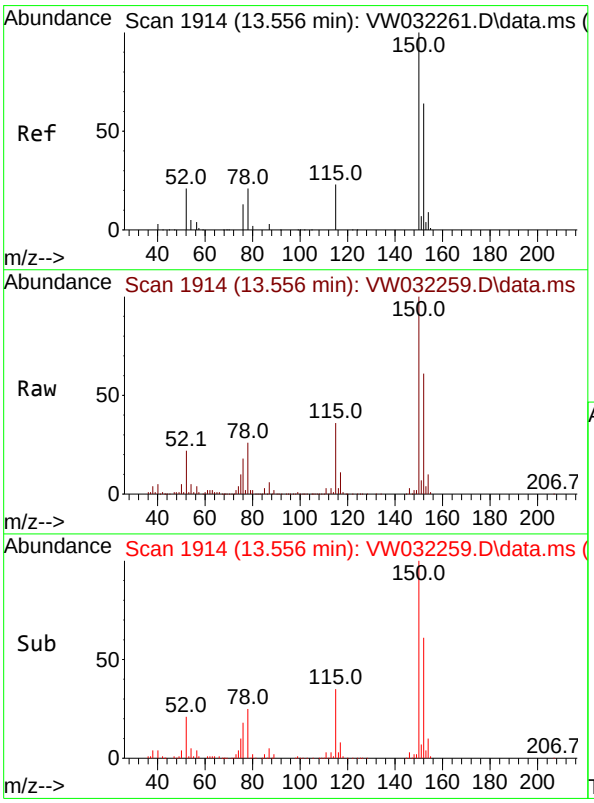
Ion	Ratio	Lower	Upper
173	100		
175	44.5	23.1	69.2
254	0.1	0.1	0.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

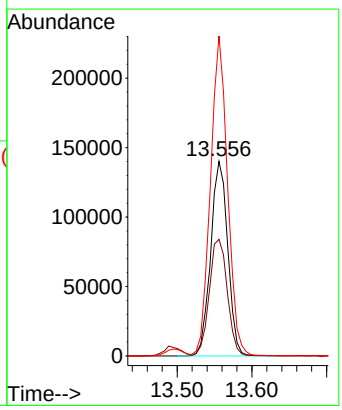
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

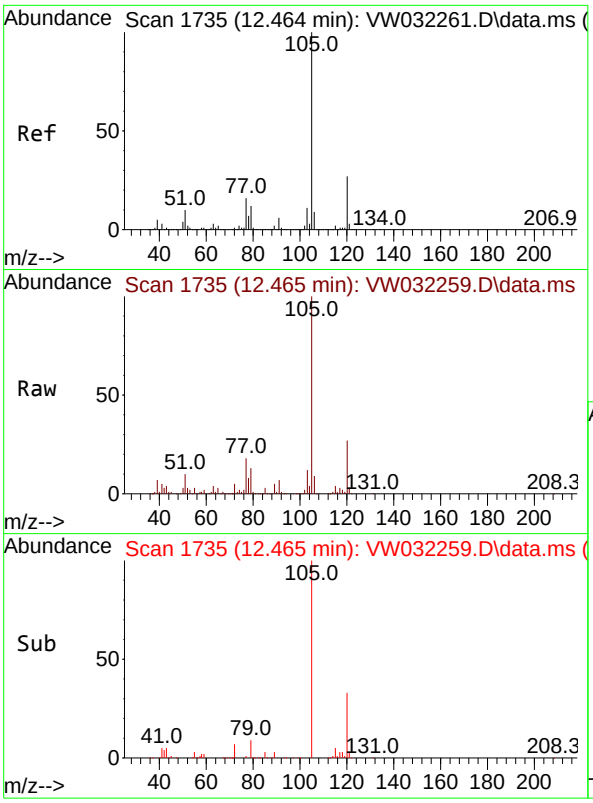


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:152 Resp: 222948

Ion	Ratio	Lower	Upper
152	100		
115	62.9	32.5	97.5
150	164.3	0.0	370.2

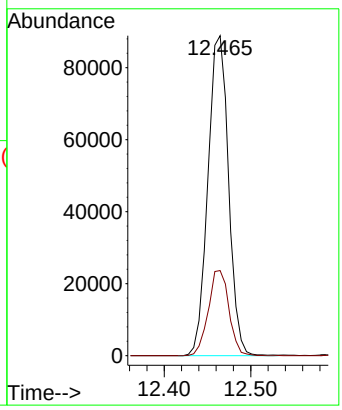




#73
Isopropylbenzene
Concen: 9.472 ug/l
RT: 12.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:105 Resp: 14697

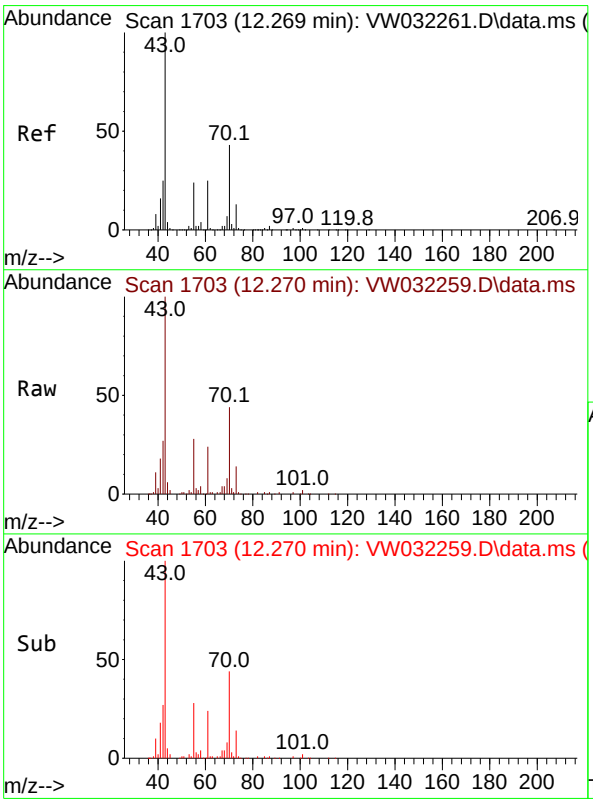
Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

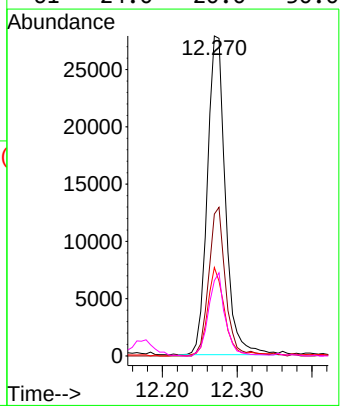
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

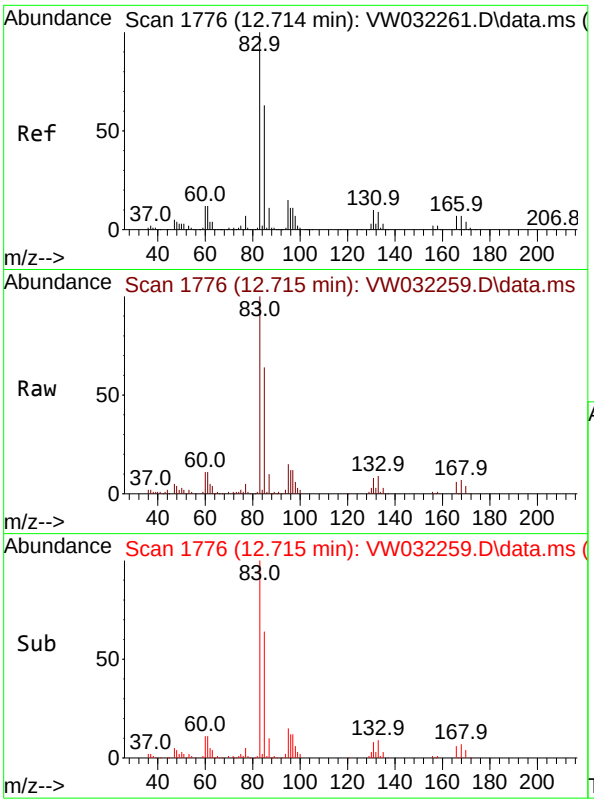


#74
N-amyl acetate
Concen: 9.590 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 43 Resp: 46865

Ion	Ratio	Lower	Upper
43	100		
70	43.4	35.0	52.4
55	26.8	20.6	31.0
61	24.0	20.0	30.0

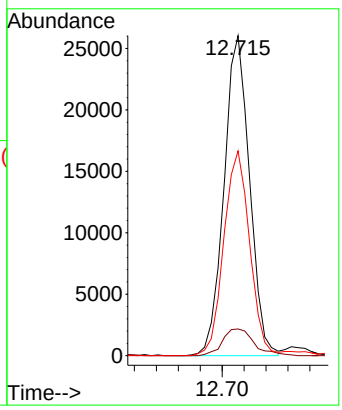




#75
1,1,2,2-Tetrachloroethane
Concen: 10.355 ug/l
RT: 12.715 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 83 Resp: 4212

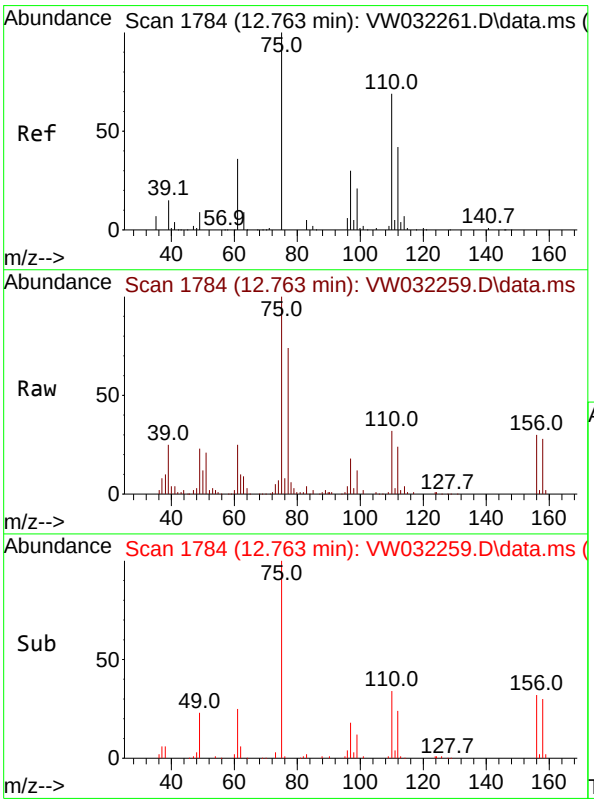
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	64.9	31.9	95.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

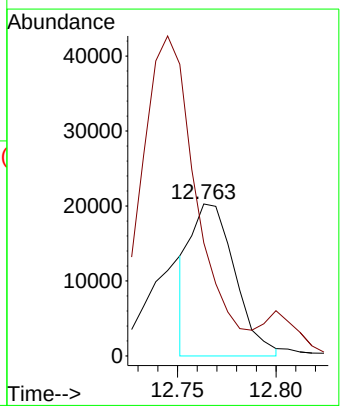
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

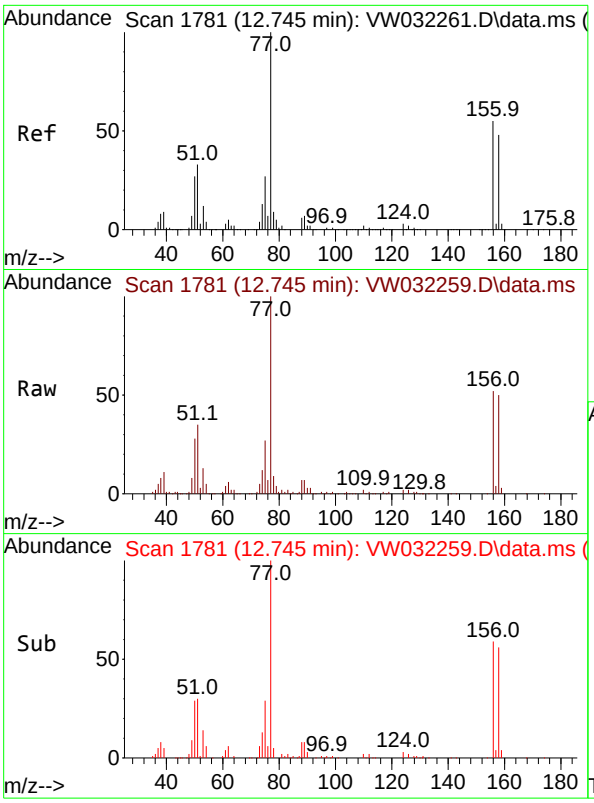


#76
1,2,3-Trichloropropane
Concen: 9.017 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 75 Resp: 31615

Ion	Ratio	Lower	Upper
75	100		
77	266.1	140.9	422.7

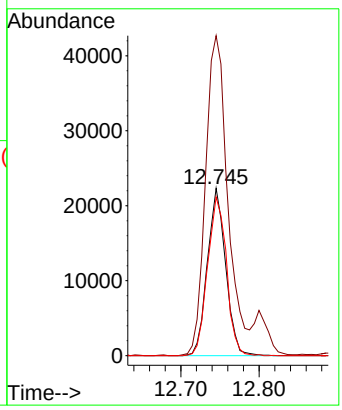




#77
Bromobenzene
Concen: 9.500 ug/l
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:156 Resp: 3625

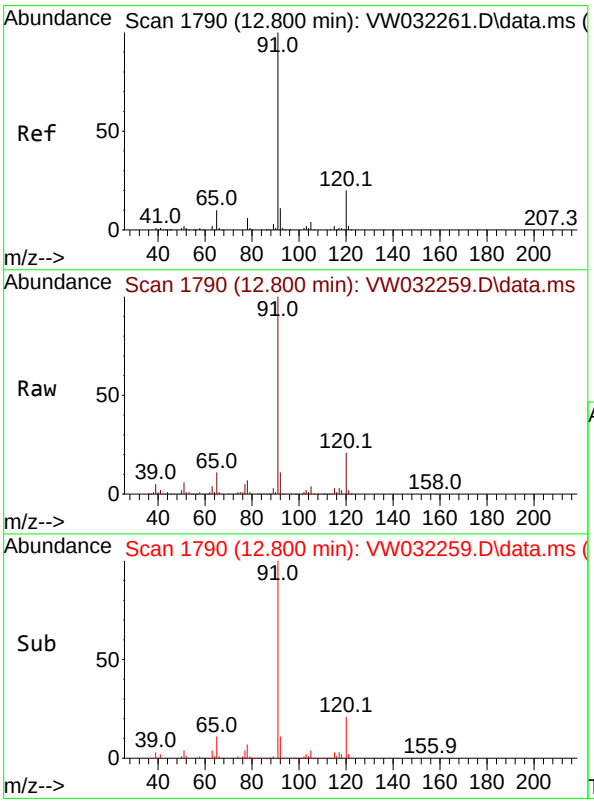
Ion	Ratio	Lower	Upper
156	100		
77	232.1	103.3	309.8
158	97.9	45.4	136.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

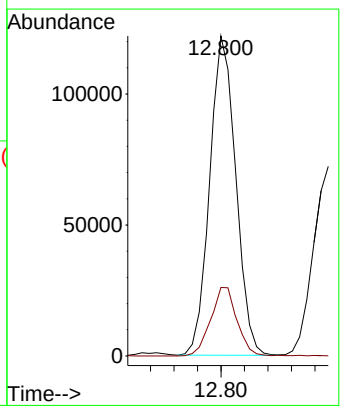
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

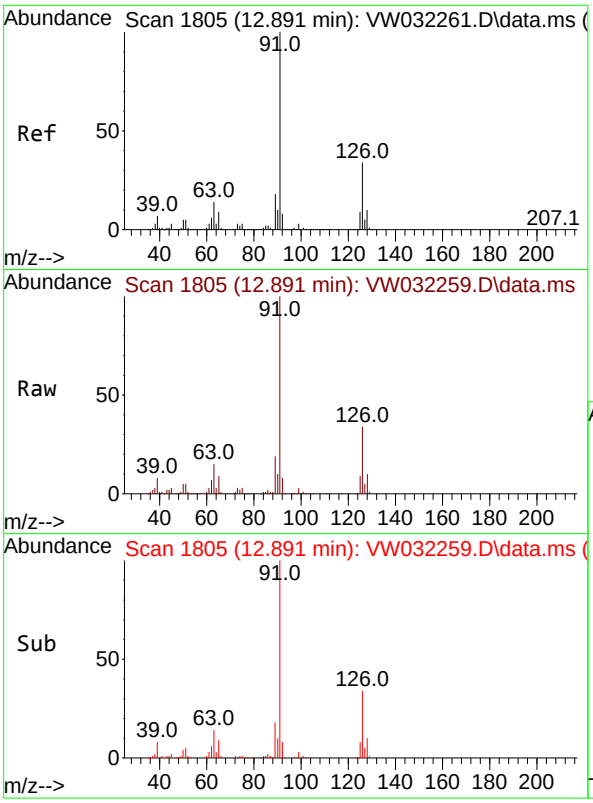


#78
n-propylbenzene
Concen: 9.665 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 91 Resp: 188377

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.9

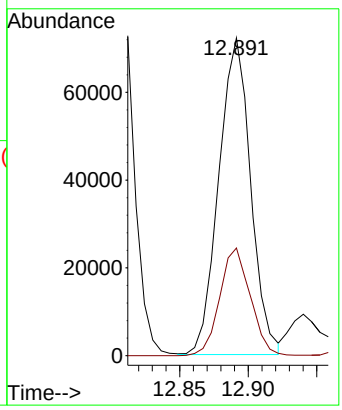




#79
2-Chlorotoluene
Concen: 9.879 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 91 Resp: 11664

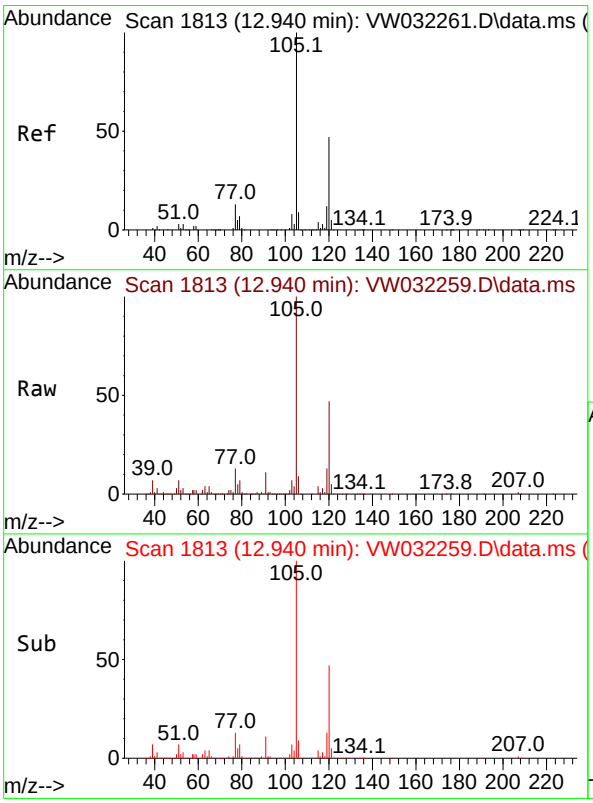
Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

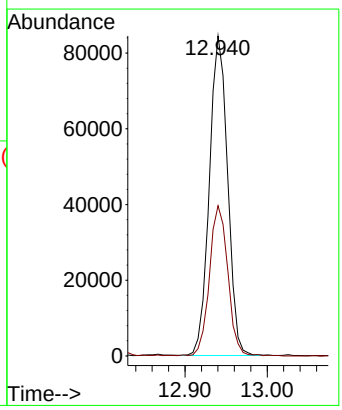
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

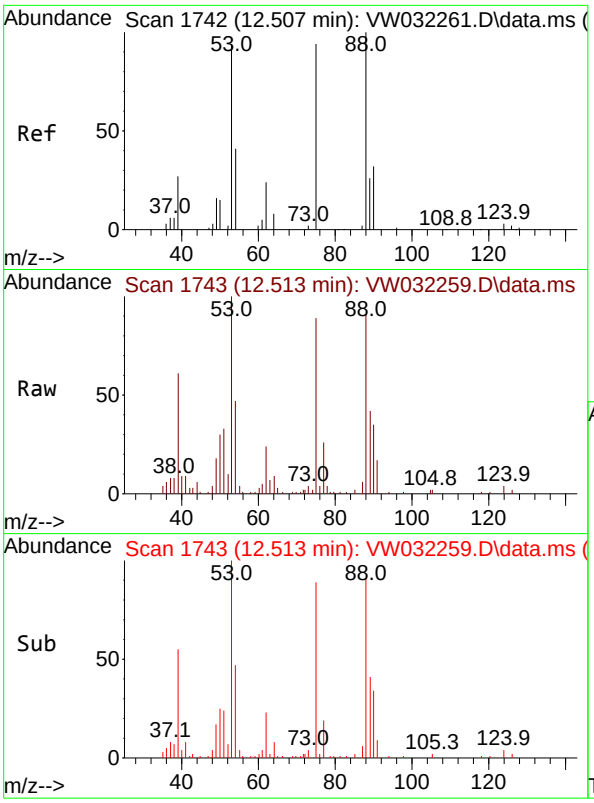


#80
1,3,5-Trimethylbenzene
Concen: 9.823 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:105 Resp: 130321

Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 9.104 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

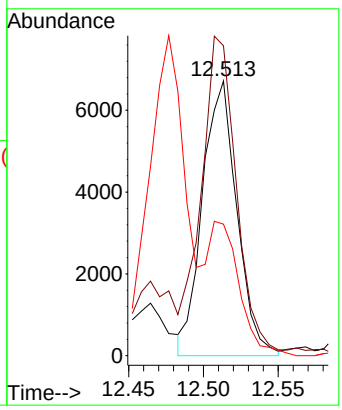
Tgt Ion: 75 Resp: 1075

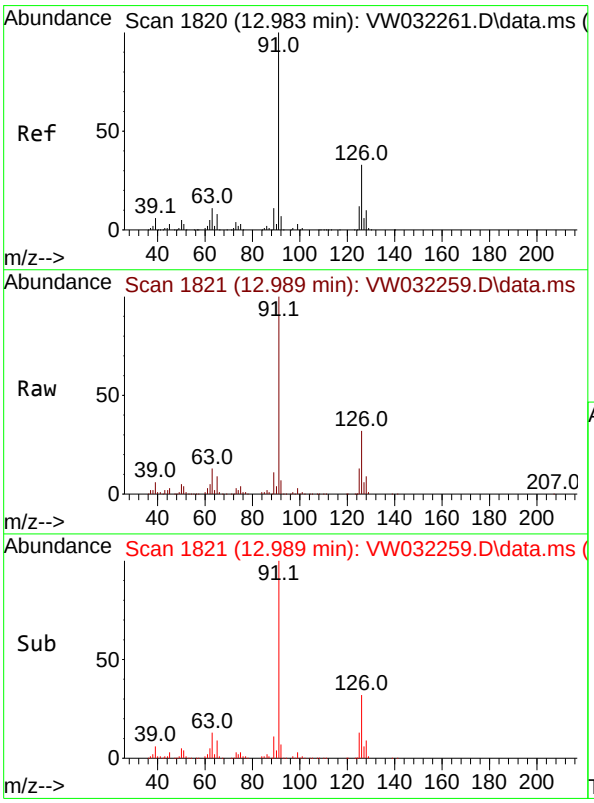
Ion	Ratio	Lower	Upper
75	100		
53	115.6	81.4	122.2
89	40.1	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

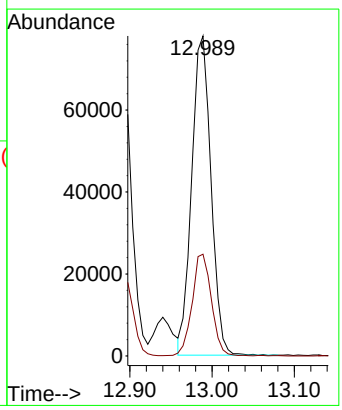


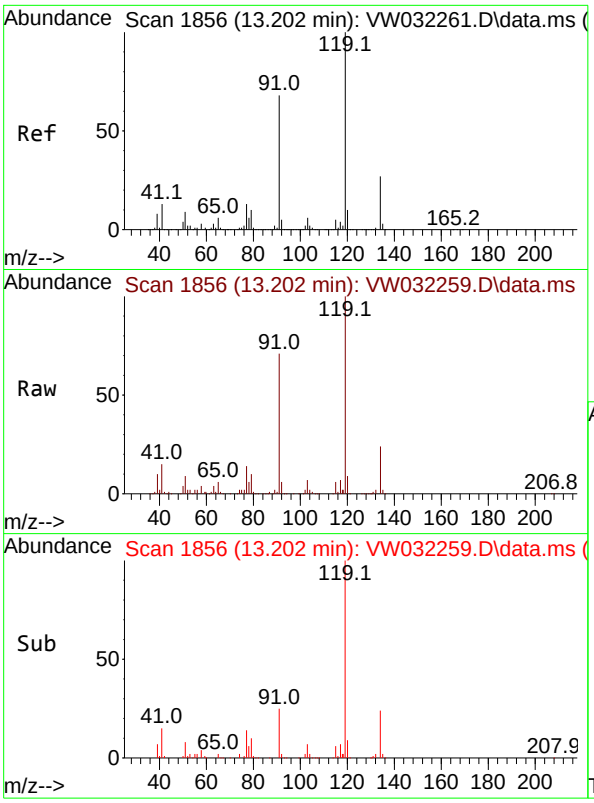


#82
4-Chlorotoluene
Concen: 10.161 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 91 Resp: 126800

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.5	49.5

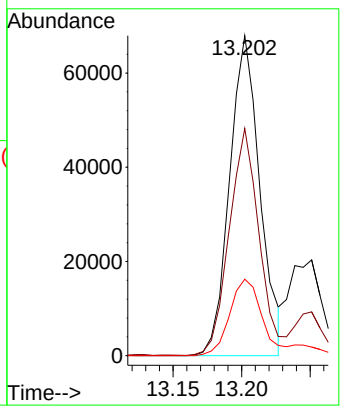




#83
tert-Butylbenzene
Concen: 9.429 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:119 Resp: 10462

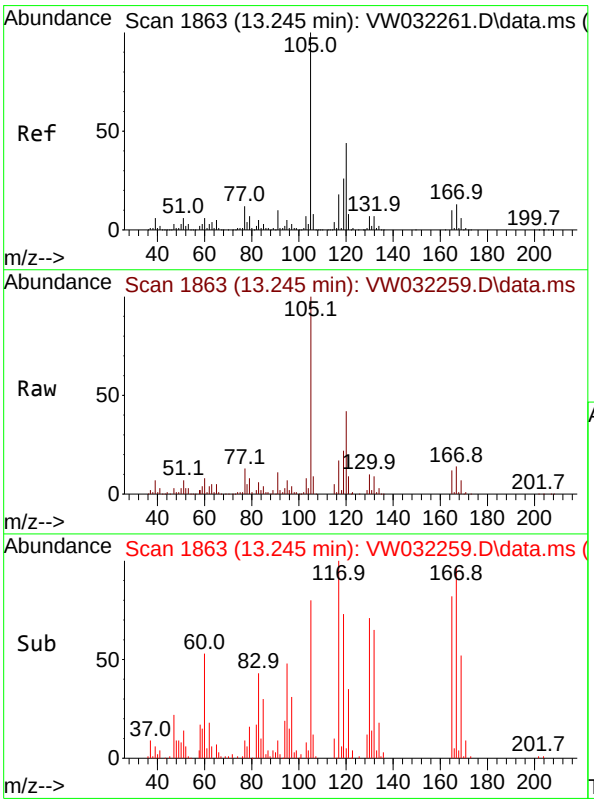
Ion	Ratio	Lower	Upper
119	100		
91	70.5	35.5	106.5
134	25.4	13.5	40.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

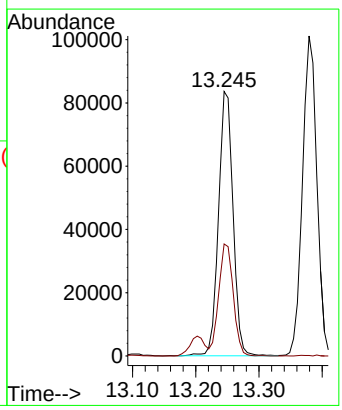
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

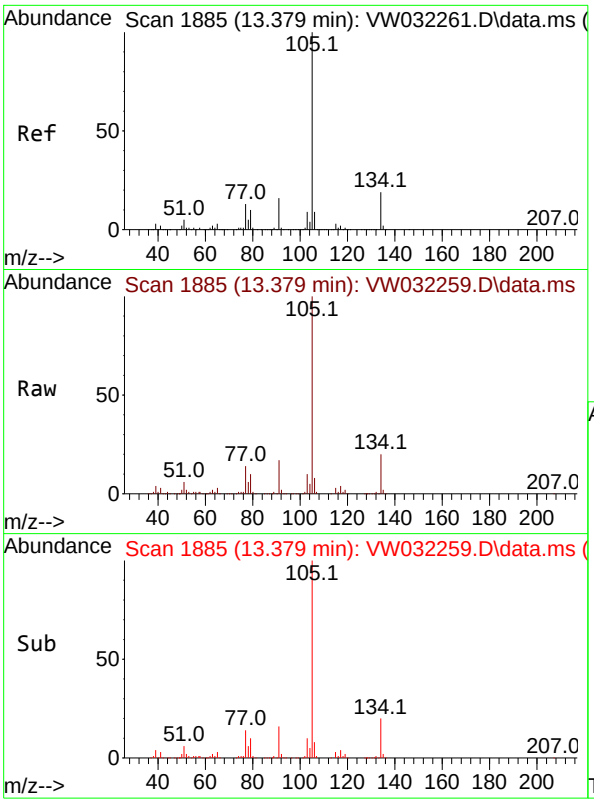


#84
1,2,4-Trimethylbenzene
Concen: 9.836 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:105 Resp: 132488

Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.8	68.3

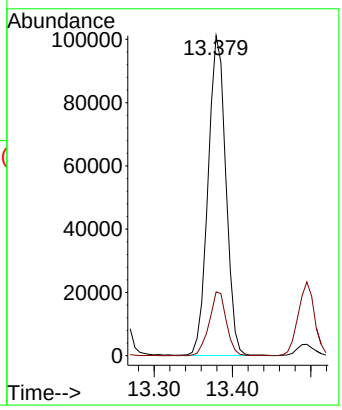




#85
sec-Butylbenzene
Concen: 9.553 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:105 Resp: 15916

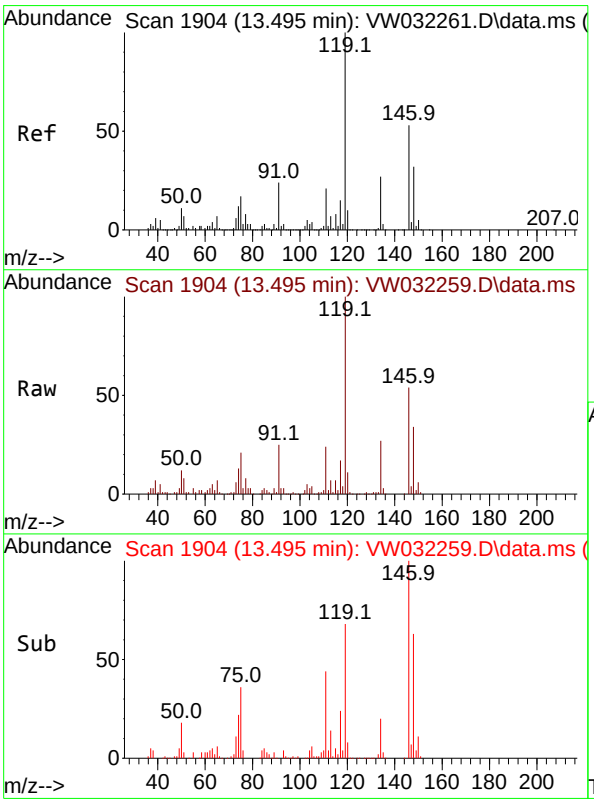
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

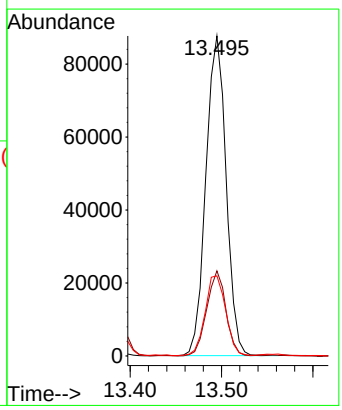
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

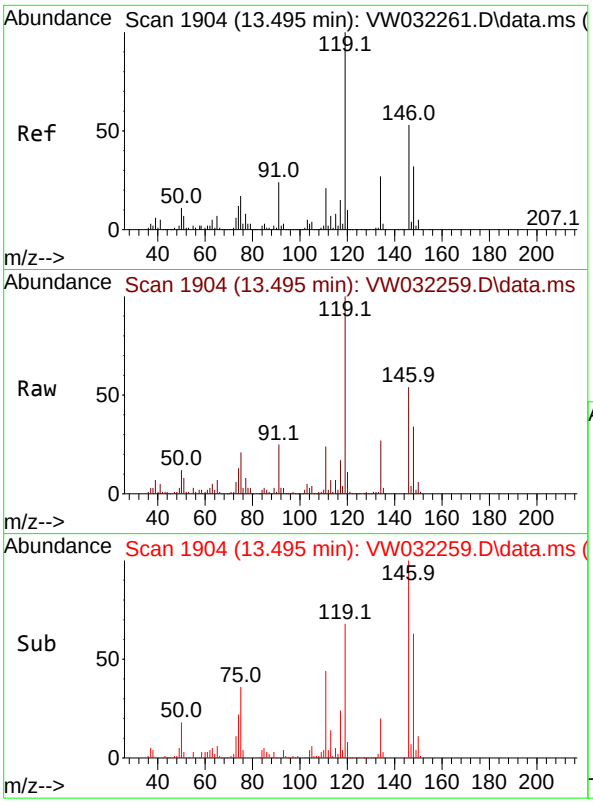


#86
p-Isopropyltoluene
Concen: 9.734 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:119 Resp: 134315

Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.5	37.5
91	25.4	12.1	36.3

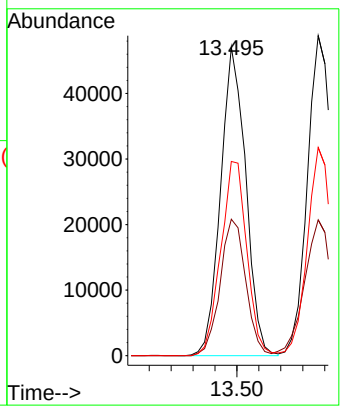




#87
1,3-Dichlorobenzene
Concen: 9.947 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:146 Resp: 7509

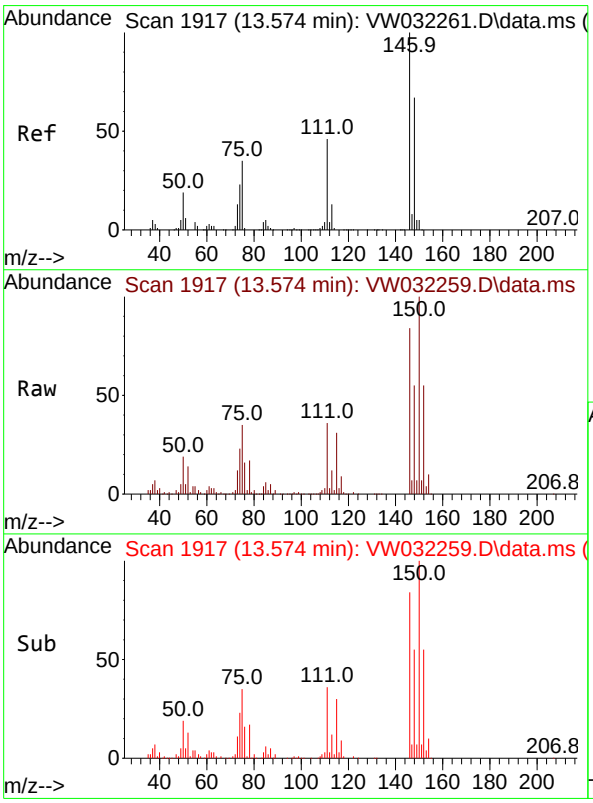
Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.9	65.5
148	65.2	31.9	95.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

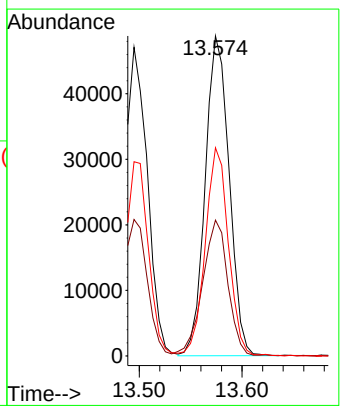
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

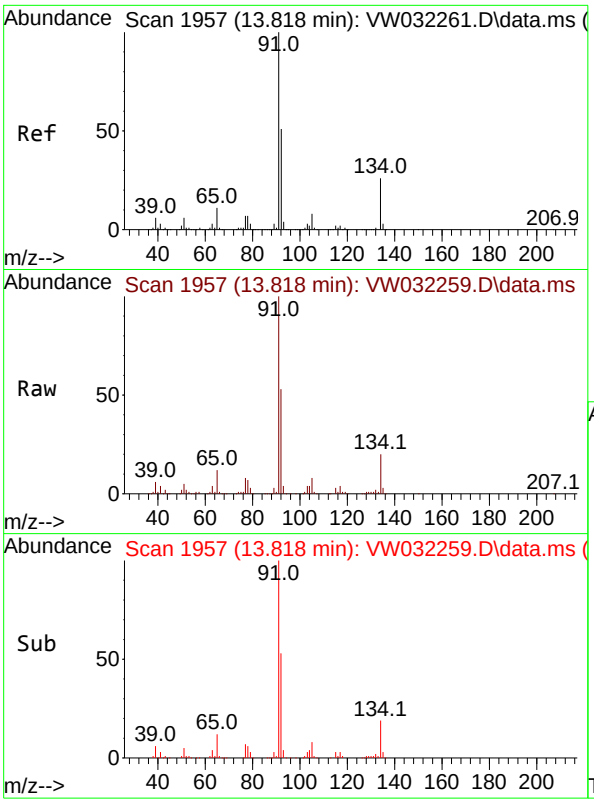


#88
1,4-Dichlorobenzene
Concen: 10.235 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:146 Resp: 78941

Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.4	67.2
148	63.3	34.4	103.1

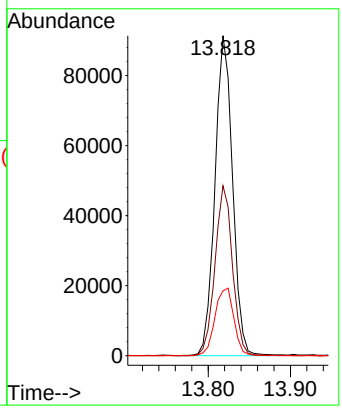




#89
n-Butylbenzene
Concen: 9.835 ug/l
RT: 13.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 91 Resp: 13619

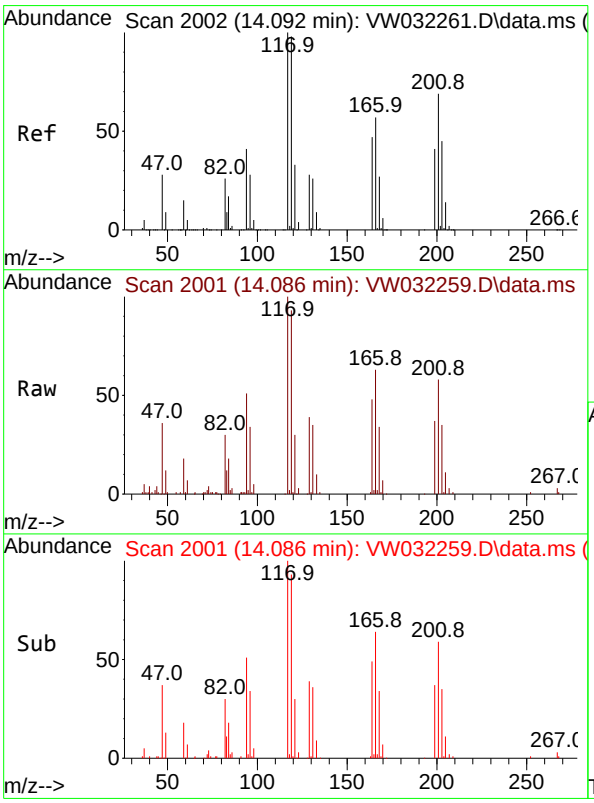
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.7	80.1
134	22.6	12.3	36.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

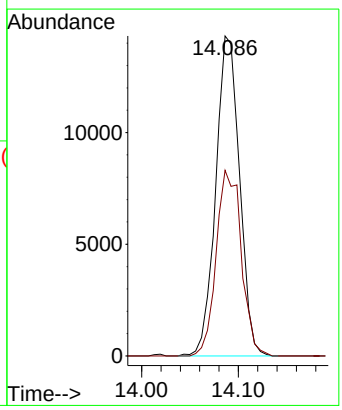
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

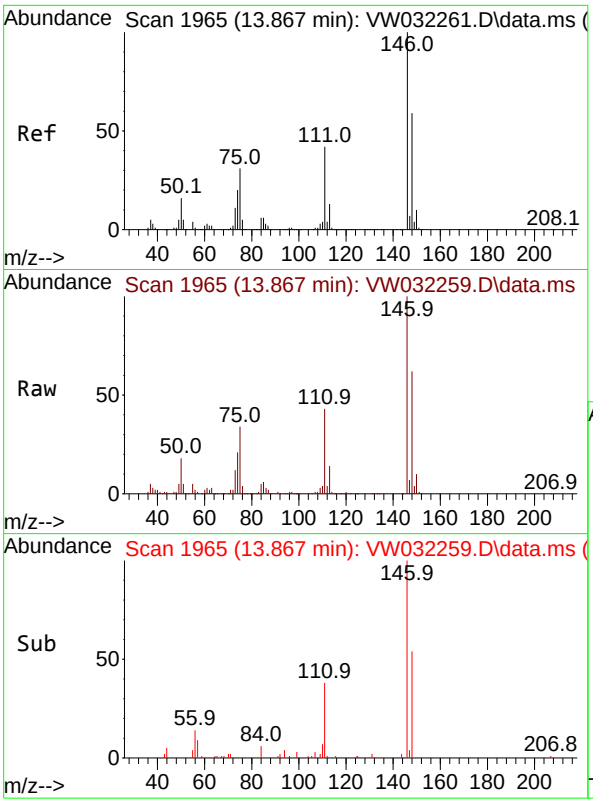


#90
Hexachloroethane
Concen: 9.509 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:117 Resp: 24456

Ion	Ratio	Lower	Upper
117	100		
201	61.1	31.4	94.0

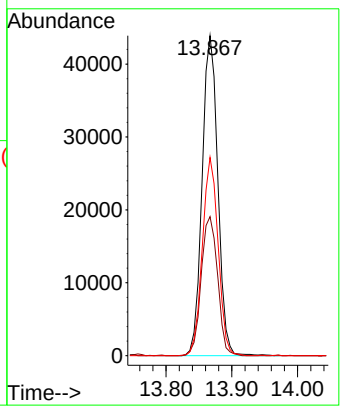




#91
1,2-Dichlorobenzene
Concen: 10.326 ug/l
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:146 Resp: 7292

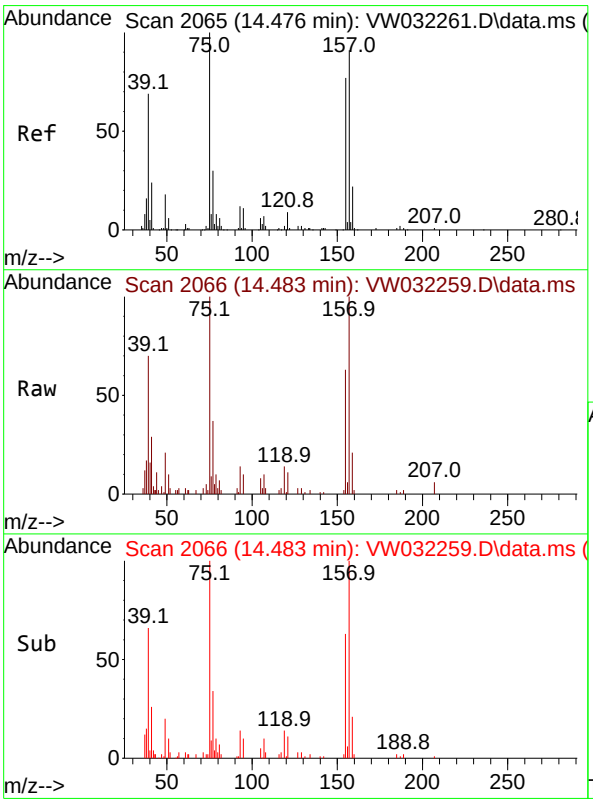
Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.9	65.8
148	62.2	31.9	95.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

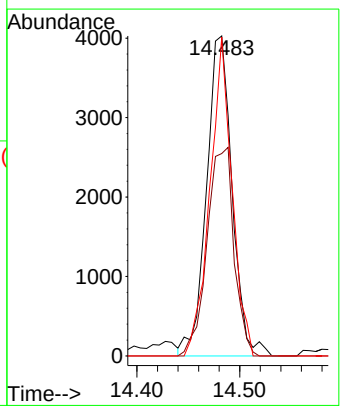
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

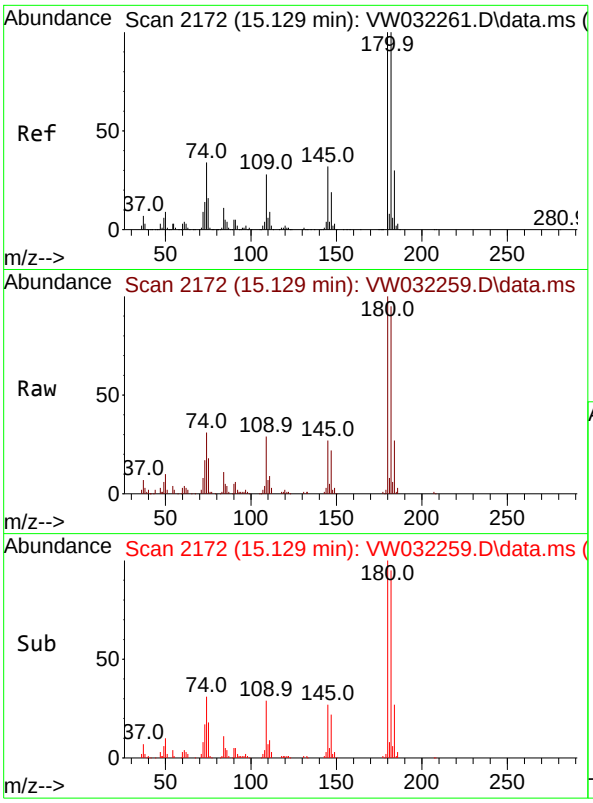


#92
1,2-Dibromo-3-Chloropropane
Concen: 9.997 ug/l
RT: 14.483 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion: 75 Resp: 6957

Ion	Ratio	Lower	Upper
75	100		
155	68.7	38.2	114.6
157	86.0	47.0	141.0

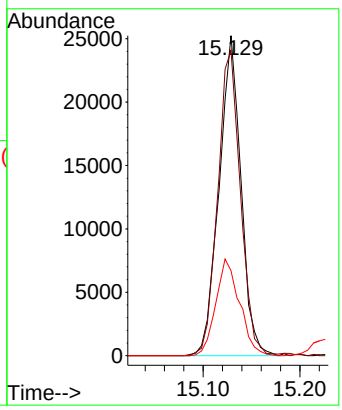




#93
1,2,4-Trichlorobenzene
Concen: 9.455 ug/l
RT: 15.129 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:180 Resp: 3961

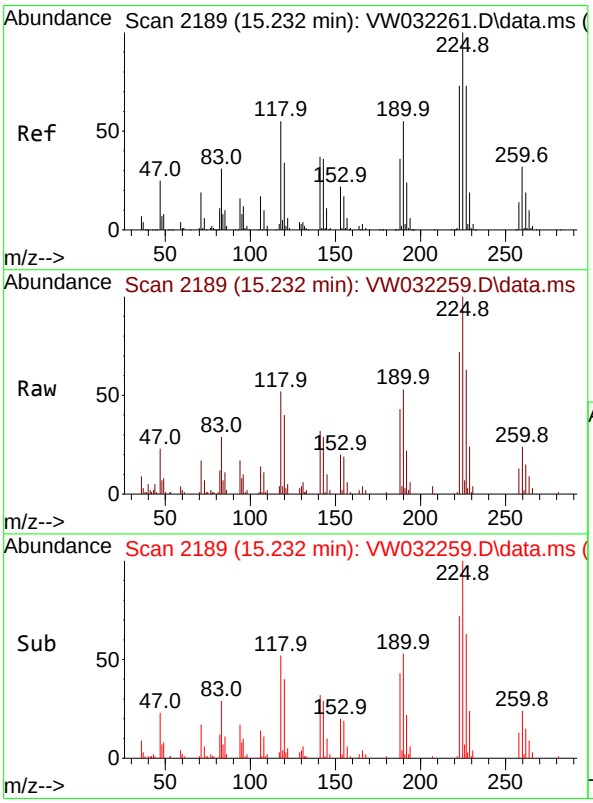
Ion	Ratio	Lower	Upper
180	100		
182	98.6	48.4	145.3
145	32.9	16.9	50.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations APPROVED

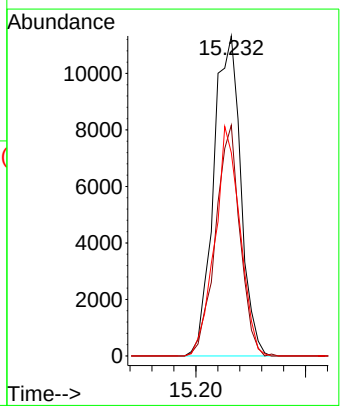
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

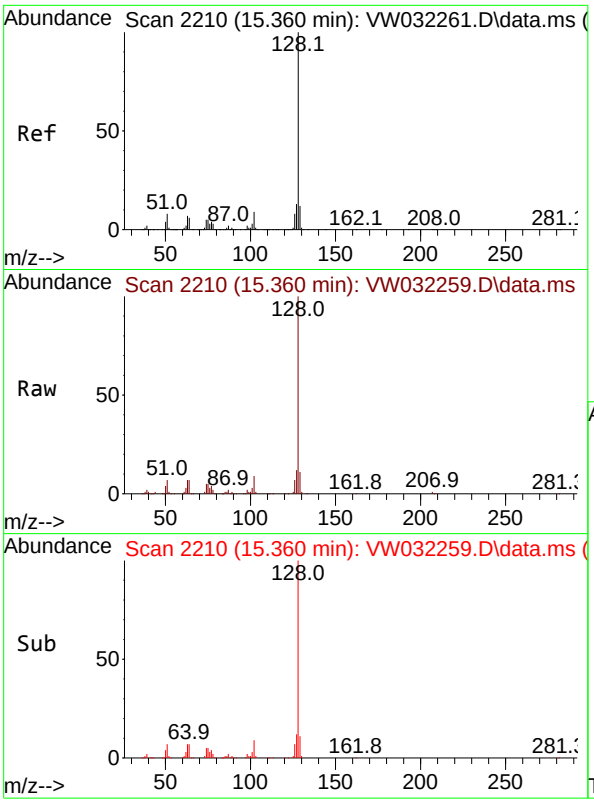


#94
Hexachlorobutadiene
Concen: 10.095 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:225 Resp: 19426

Ion	Ratio	Lower	Upper
225	100		
223	65.2	36.4	109.2
227	66.4	36.4	109.2

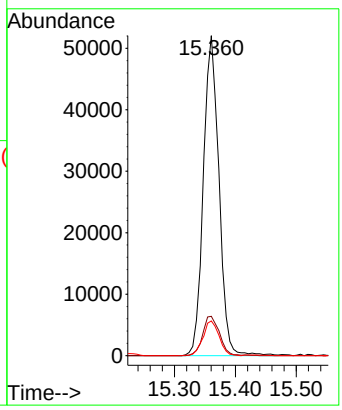




#95
Naphthalene
Concen: 9.225 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:128 Resp: 9276

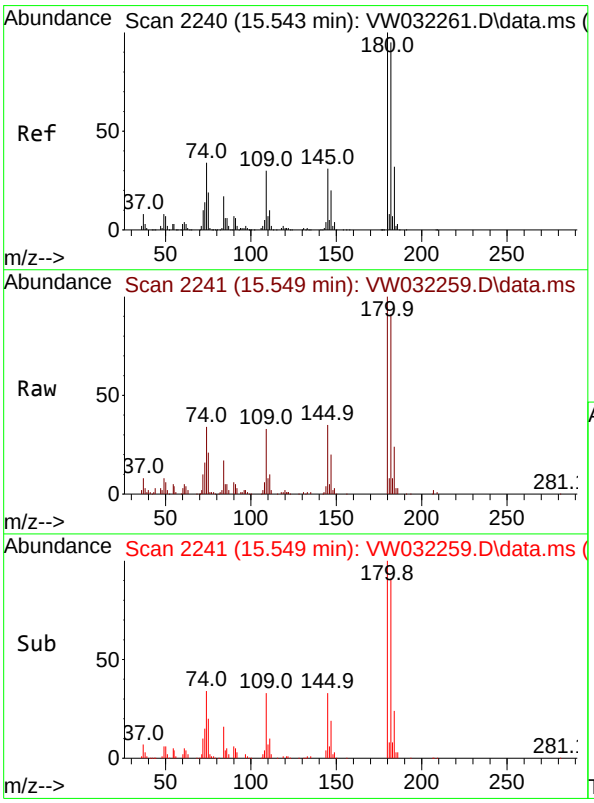
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.2	9.0	13.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

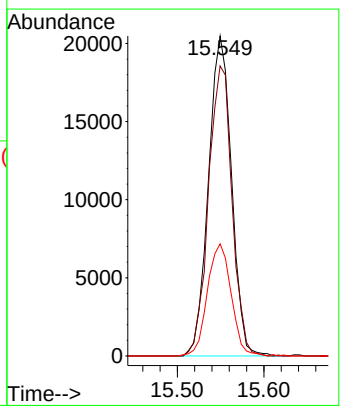
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 9.717 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032259.D
Acq: 25 Sep 2025 11:30

Tgt Ion:180 Resp: 37857

Ion	Ratio	Lower	Upper
180	100		
182	92.6	45.5	136.4
145	36.1	18.1	54.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032260.D
Acq On : 25 Sep 2025 11:52
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:48:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	243729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	461392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	434624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	226451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	84184	21.875	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 43.740%#			
35) Dibromofluoromethane	7.898	113	69983	21.091	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 42.180%#			
50) Toluene-d8	10.331	98	253179	21.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 42.340%#			
62) 4-Bromofluorobenzene	12.617	95	94235	20.891	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 41.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	38695	22.979	ug/l	96
3) Chloromethane	2.259	50	53411	22.164	ug/l	94
4) Vinyl Chloride	2.405	62	63783	22.653	ug/l	100
5) Bromomethane	2.820	94	42423	22.064	ug/l	87
6) Chloroethane	2.966	64	42305	22.173	ug/l	98
7) Trichlorofluoromethane	3.302	101	50606	23.853	ug/l	93
8) Diethyl Ether	3.722	74	42486	21.179	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	60885	22.484	ug/l	99
10) Methyl Iodide	4.308	142	81878	22.355	ug/l	100
11) Tert butyl alcohol	5.222	59	27601	103.322	ug/l #	86
12) 1,1-Dichloroethene	4.076	96	65285	22.553	ug/l	100
13) Acrolein	3.930	56	51881	109.117	ug/l	94
14) Allyl chloride	4.710	41	98036	21.823	ug/l	100
15) Acrylonitrile	5.405	53	113227	109.593	ug/l	98
16) Acetone	4.161	43	118108	119.503	ug/l	95
17) Carbon Disulfide	4.423	76	150468	22.608	ug/l	99
18) Methyl Acetate	4.710	43	62340	18.340	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	117064	21.817	ug/l	100
20) Methylene Chloride	4.960	84	82214	18.228	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	68490	21.942	ug/l	100
22) Diisopropyl ether	6.344	45	224788	22.518	ug/l	99
23) Vinyl Acetate	6.289	43	731805	113.954	ug/l	98
24) 1,1-Dichloroethane	6.240	63	138225	21.935	ug/l	100
25) 2-Butanone	7.197	43	149616	108.608	ug/l	99
26) 2,2-Dichloropropane	7.185	77	65482	21.087	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	82208	21.175	ug/l	98
28) Bromochloromethane	7.533	49	63972	21.275	ug/l #	99
29) Tetrahydrofuran	7.557	42	97668	109.208	ug/l	100
30) Chloroform	7.691	83	145120	22.072	ug/l	99
31) Cyclohexane	7.971	56	111011	22.340	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	96016	21.677	ug/l	98
36) 1,1-Dichloropropene	8.093	75	96645	21.603	ug/l	99
37) Ethyl Acetate	7.276	43	65684	22.138	ug/l	100
38) Carbon Tetrachloride	8.081	117	93252	22.156	ug/l	98
39) Methylcyclohexane	9.343	83	110069	21.264	ug/l	97
40) Benzene	8.337	78	302446	21.478	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032260.D
Acq On : 25 Sep 2025 11:52
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 26 06:48:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.508	41	36840	21.680	ug/l		96
42) 1,2-Dichloroethane	8.410	62	99043	21.160	ug/l		99
43) Isopropyl Acetate	8.441	43	111547	21.003	ug/l		99
44) Trichloroethene	9.105	130	70450	21.404	ug/l		85
45) 1,2-Dichloropropane	9.374	63	78048	21.400	ug/l		97
46) Dibromomethane	9.465	93	47056	20.986	ug/l		98
47) Bromodichloromethane	9.654	83	106511	20.826	ug/l	#	97
48) Methyl methacrylate	9.447	41	51409	20.575	ug/l		96
49) 1,4-Dioxane	9.471	88	13201	439.575	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.215	43	341323	108.392	ug/l		99
52) Toluene	10.392	92	186350	21.351	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	96092	20.507	ug/l		96
54) cis-1,3-Dichloropropene	10.075	75	114070	21.086	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	66195	21.627	ug/l		98
56) Ethyl methacrylate	10.648	69	85321	21.163	ug/l		97
57) 1,3-Dichloropropane	10.934	76	113957	21.552	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	217872	98.444	ug/l		99
59) 2-Hexanone	10.971	43	234851	109.212	ug/l		97
60) Dibromochloromethane	11.129	129	68381	20.343	ug/l		98
61) 1,2-Dibromoethane	11.239	107	62256	21.470	ug/l		98
64) Tetrachloroethene	10.861	164	56103	21.182	ug/l		94
65) Chlorobenzene	11.660	112	214538	21.430	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.727	131	65613	20.723	ug/l		98
67) Ethyl Benzene	11.733	91	346566	21.149	ug/l		98
68) m/p-Xylenes	11.837	106	275886	43.920	ug/l		94
69) o-Xylene	12.166	106	123539	20.927	ug/l		96
70) Styrene	12.178	104	228628	22.084	ug/l		98
71) Bromoform	12.349	173	38000	20.596	ug/l	#	96
73) Isopropylbenzene	12.465	105	326048	20.686	ug/l		97
74) N-amyl acetate	12.270	43	104936	21.142	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	85459	20.680	ug/l		99
76) 1,2,3-Trichloropropane	12.769	75	63465m	17.820	ug/l		
77) Bromobenzene	12.745	156	78661	20.291	ug/l		92
78) n-propylbenzene	12.800	91	404504	20.432	ug/l		100
79) 2-Chlorotoluene	12.891	91	245976	20.510	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	277878	20.621	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.513	75	23150	19.301	ug/l		90
82) 4-Chlorotoluene	12.989	91	259722	20.491	ug/l		99
83) tert-Butylbenzene	13.202	119	231761	20.565	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	285414	20.861	ug/l		100
85) sec-Butylbenzene	13.379	105	348797	20.611	ug/l		99
86) p-Isopropyltoluene	13.495	119	284908	20.328	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	150306	19.601	ug/l		95
88) 1,4-Dichlorobenzene	13.574	146	163717	20.899	ug/l		97
89) n-Butylbenzene	13.818	91	283445	20.152	ug/l		99
90) Hexachloroethane	14.092	117	53076	20.318	ug/l		91
91) 1,2-Dichlorobenzene	13.867	146	150614	20.996	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14130	19.991	ug/l		96
93) 1,2,4-Trichlorobenzene	15.129	180	85426	20.074	ug/l		99
94) Hexachlorobutadiene	15.232	225	42929	21.964	ug/l		86
95) Naphthalene	15.360	128	203984	19.971	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	78000	19.712	ug/l		93

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032260.D
Acq On : 25 Sep 2025 11:52
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:48:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

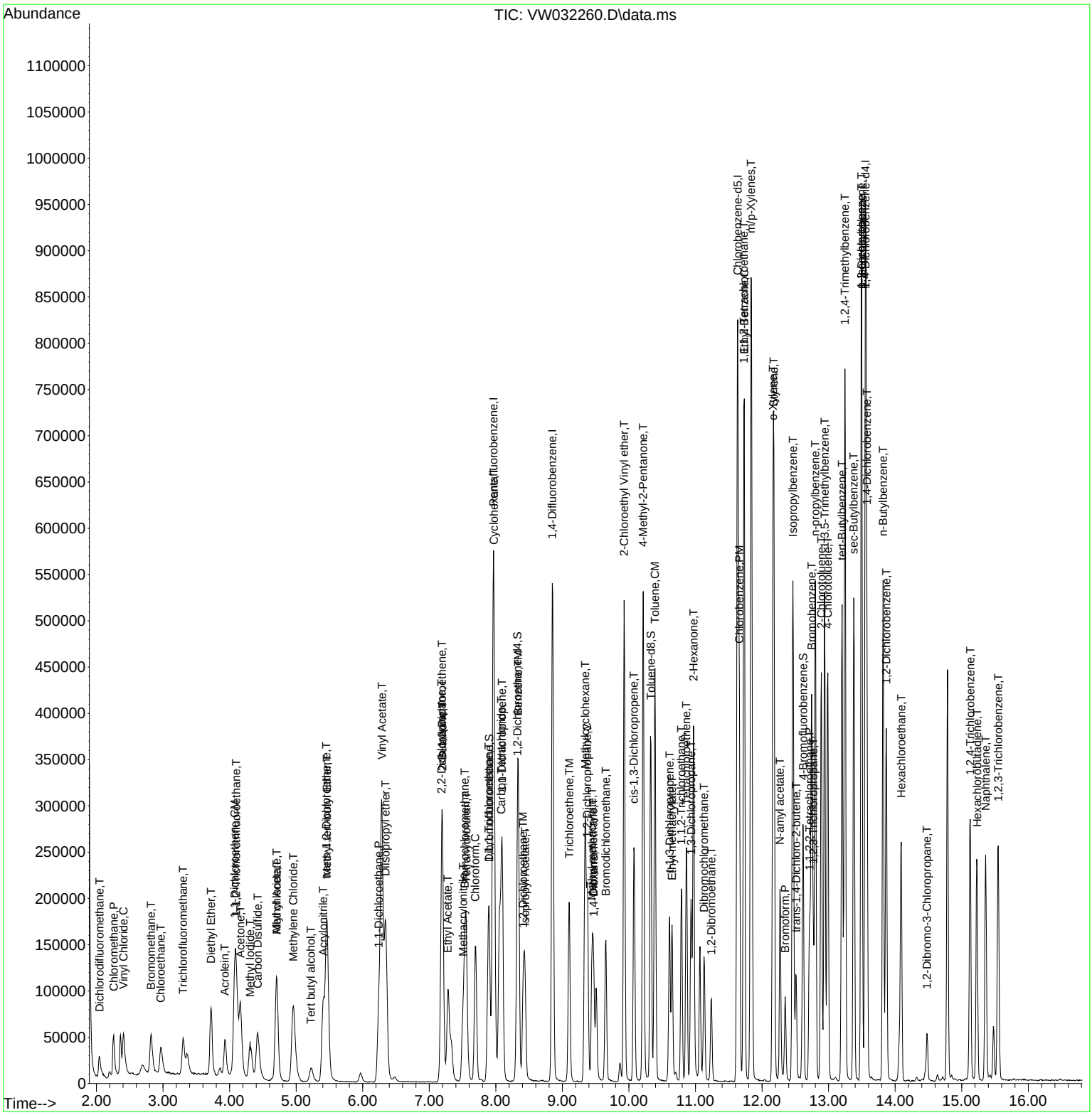
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032260.D
Acq On : 25 Sep 2025 11:52
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

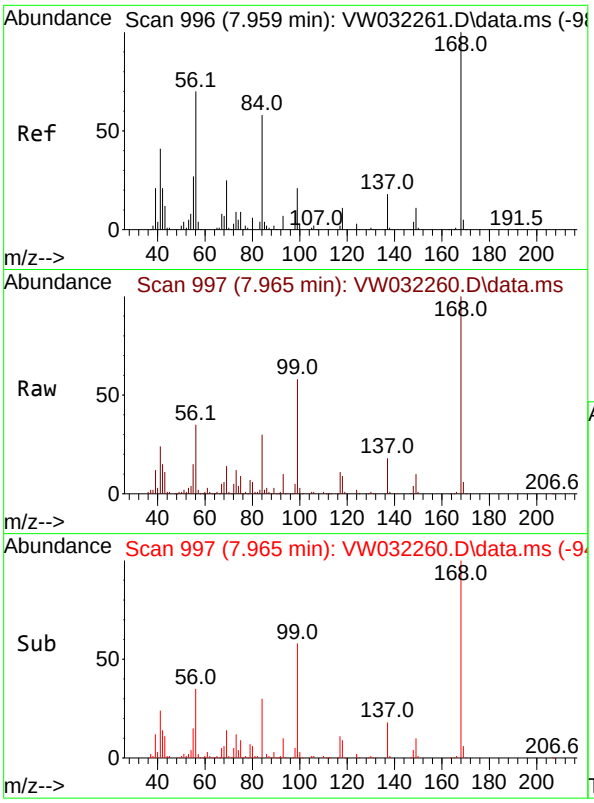
Quant Time: Sep 26 06:48:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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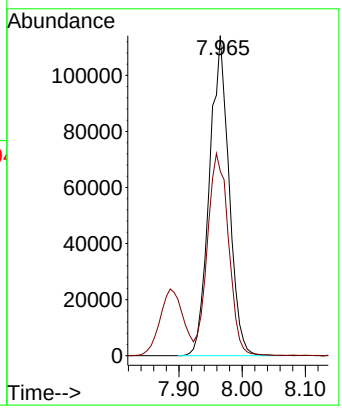




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:168 Resp: 24372

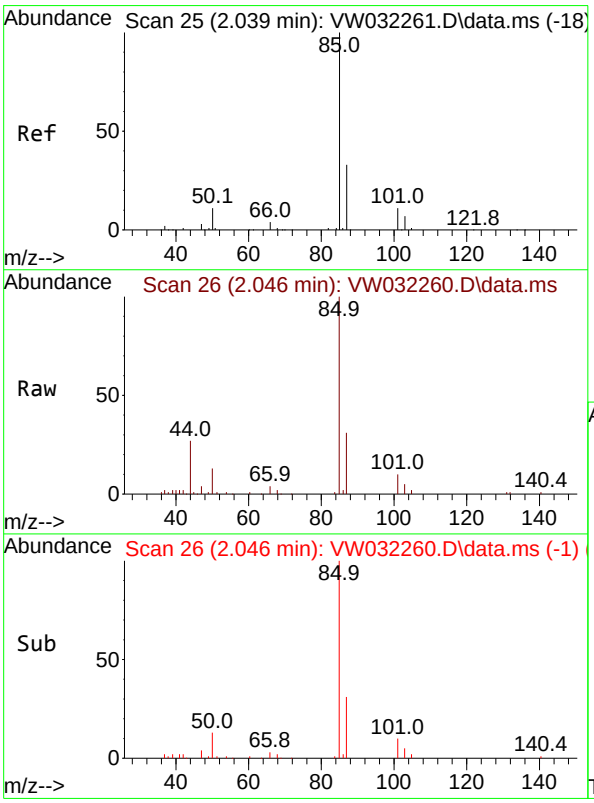
Ion	Ratio	Lower	Upper
168	100		
99	57.5	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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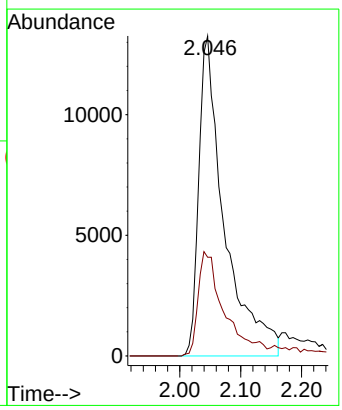
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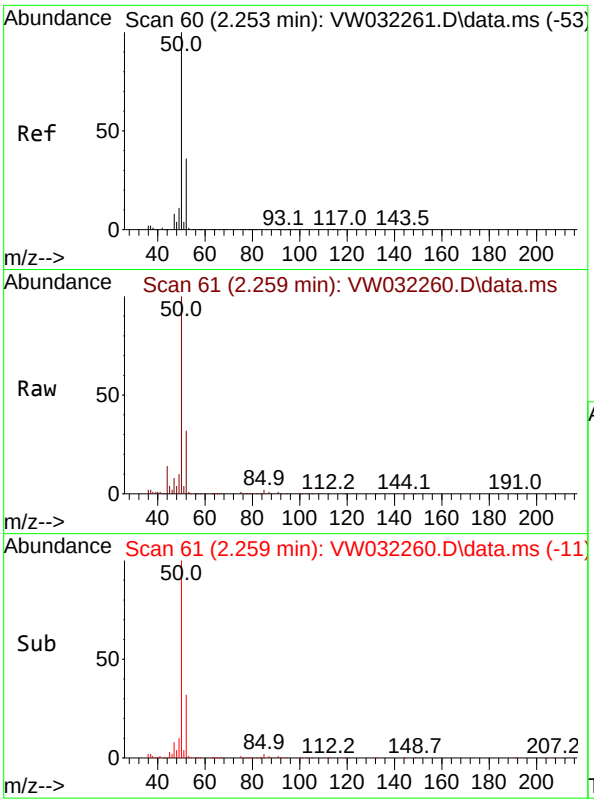


#2
Dichlorodifluoromethane
Concen: 22.979 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 85 Resp: 38695

Ion	Ratio	Lower	Upper
85	100		
87	30.9	16.7	50.1

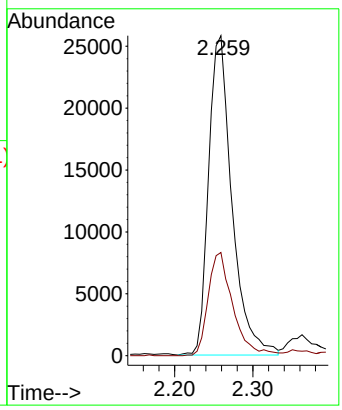




#3
Chloromethane
Concen: 22.164 ug/l
RT: 2.259 min Scan# 6
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 50 Resp: 5341

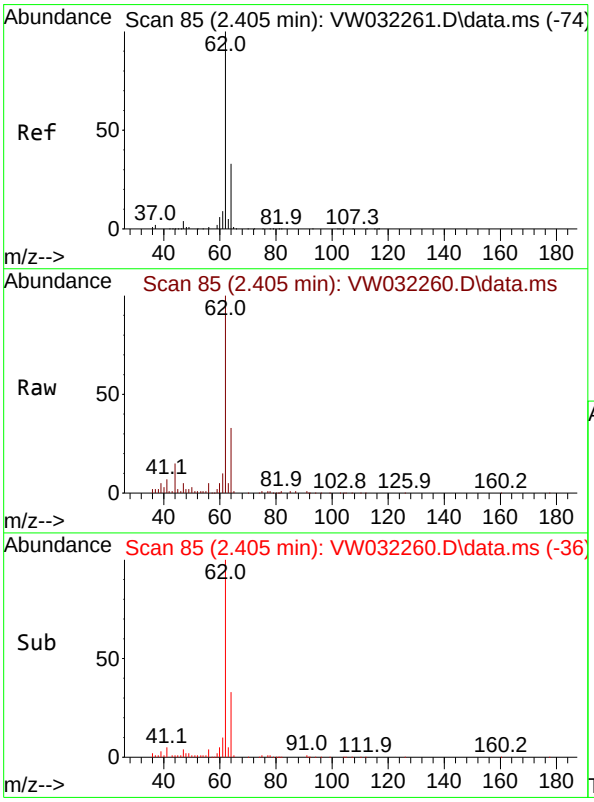
Ion	Ratio	Lower	Upper
50	100		
52	32.3	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

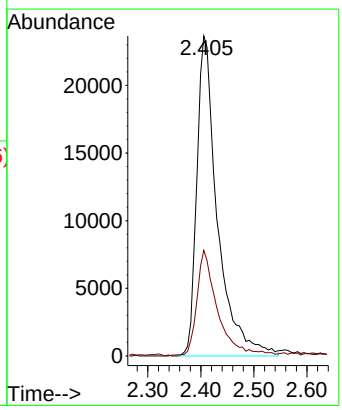
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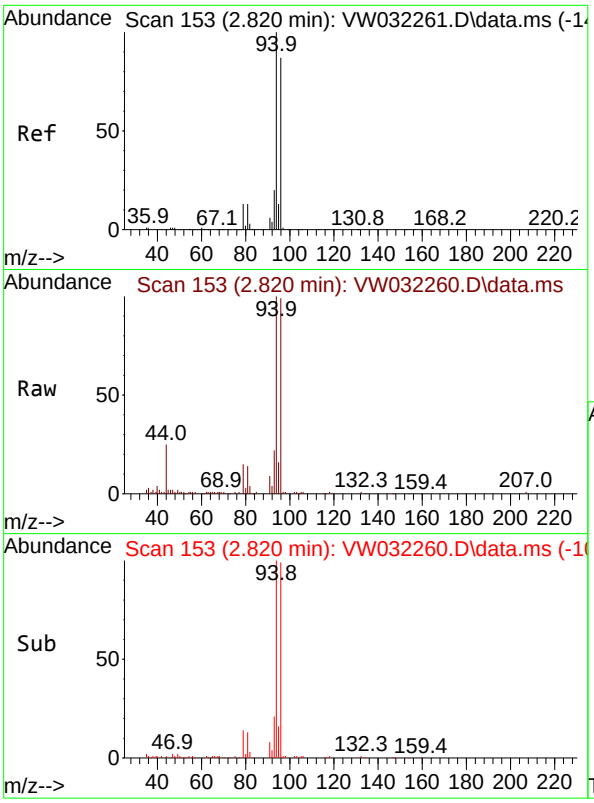


#4
Vinyl Chloride
Concen: 22.653 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 62 Resp: 63783

Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.2	39.4

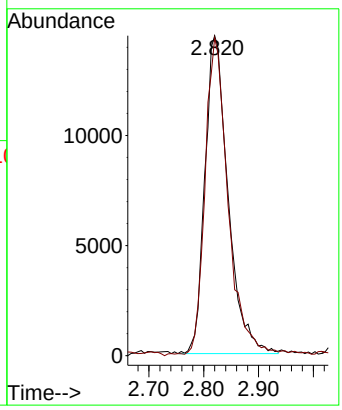




#5
Bromomethane
Concen: 22.064 ug/l
RT: 2.820 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 94 Resp: 4242

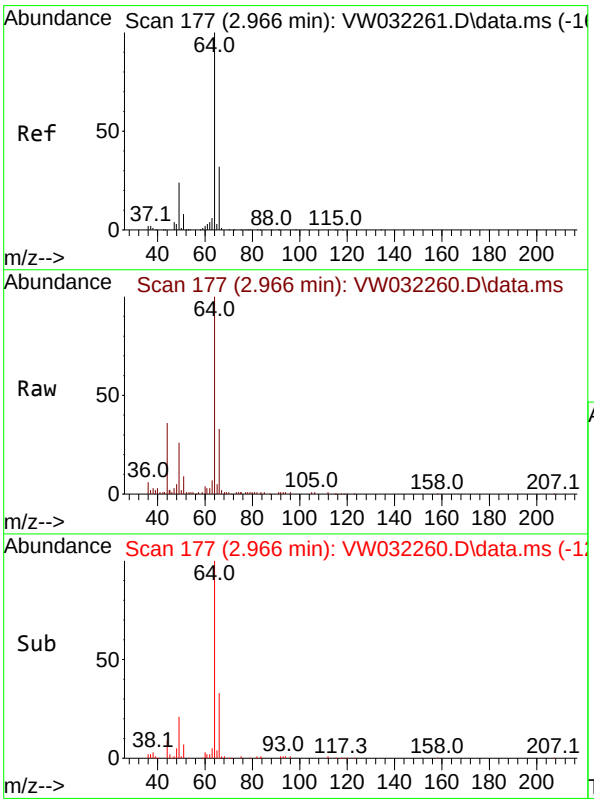
Ion	Ratio	Lower	Upper
94	100		
96	99.3	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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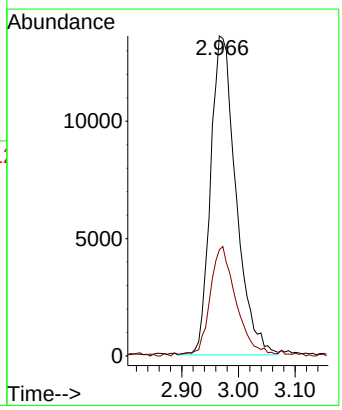
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

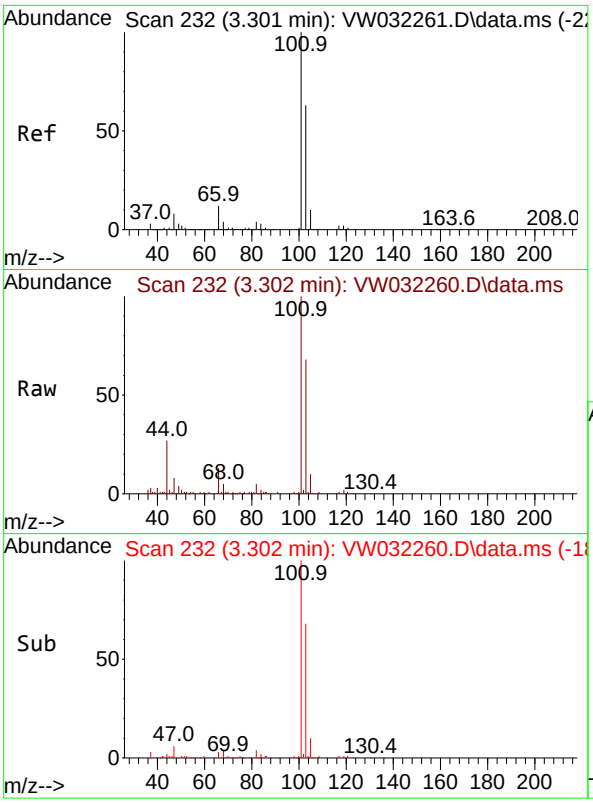


#6
Chloroethane
Concen: 22.173 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 64 Resp: 42305

Ion	Ratio	Lower	Upper
64	100		
66	32.7	25.5	38.3

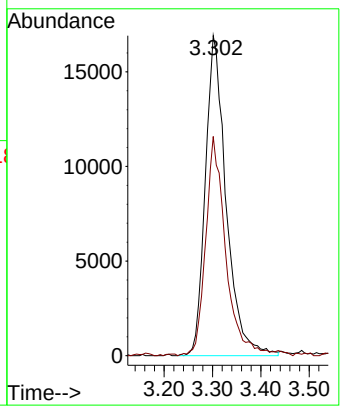




#7
Trichlorofluoromethane
Concen: 23.853 ug/l
RT: 3.302 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:101 Resp: 5060

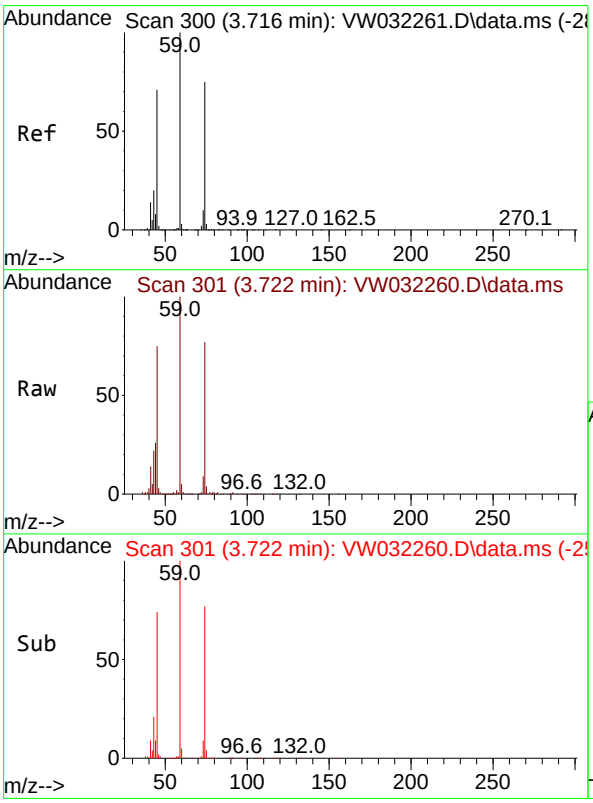
Ion	Ratio	Lower	Upper
101	100		
103	68.5	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

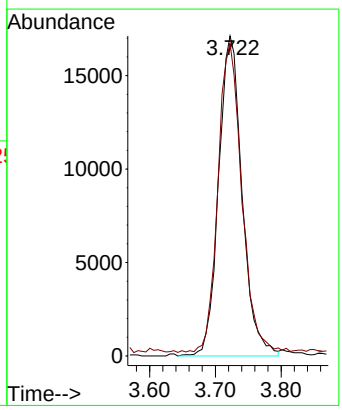
Reviewed By :Mahesh Dadoda 09/29/2025
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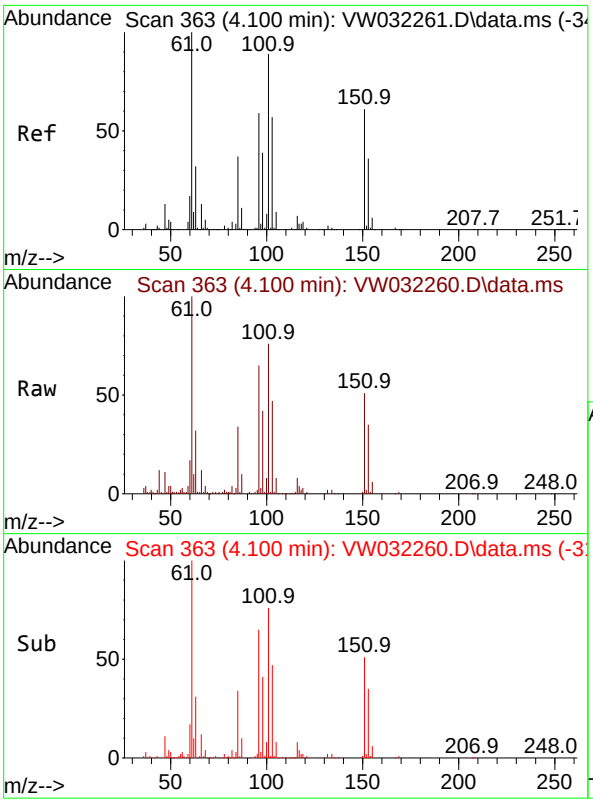


#8
Diethyl Ether
Concen: 21.179 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 74 Resp: 42486

Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.0	147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.484 ug/l
RT: 4.100 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

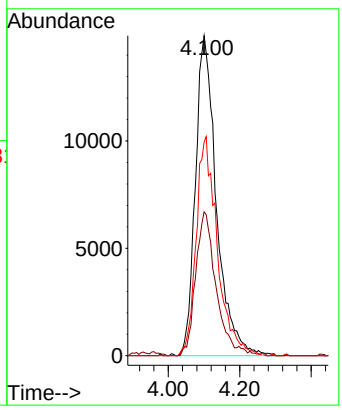
Tgt Ion:101 Resp: 6088

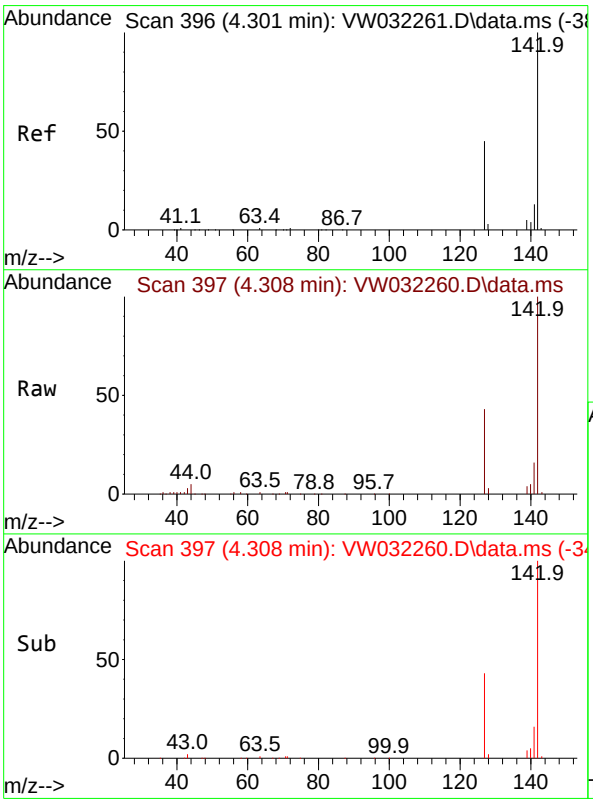
Ion	Ratio	Lower	Upper
101	100		
85	42.6	33.7	50.5
151	69.1	55.7	83.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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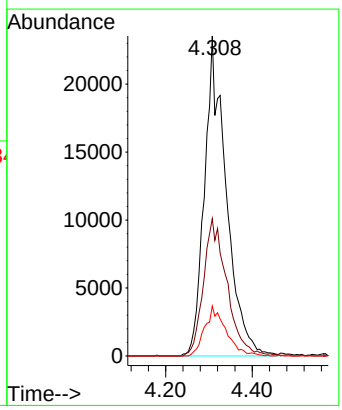


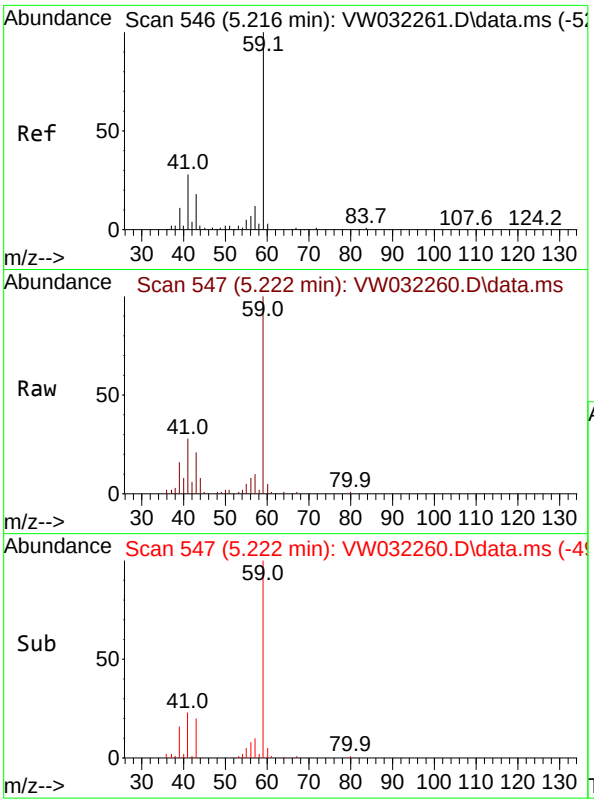


#10
Methyl Iodide
Concen: 22.355 ug/l
RT: 4.308 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:142 Resp: 81878

Ion	Ratio	Lower	Upper
142	100		
127	46.3	36.9	55.3
141	15.3	12.0	18.0





#11
Tert butyl alcohol
Concen: 103.322 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

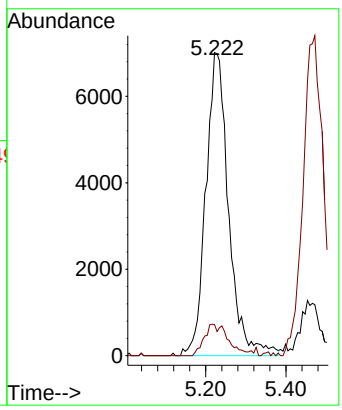
Tgt Ion: 59 Resp: 2760

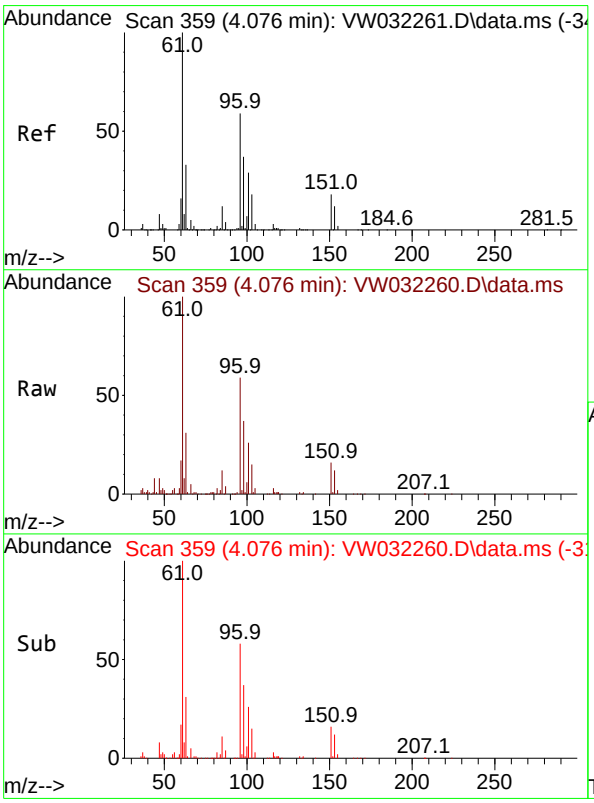
Ion	Ratio	Lower	Upper
59	100		
57	5.9	8.9	13.3#

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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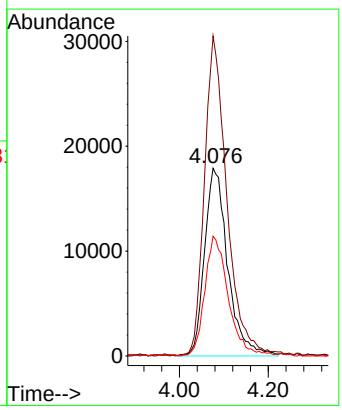


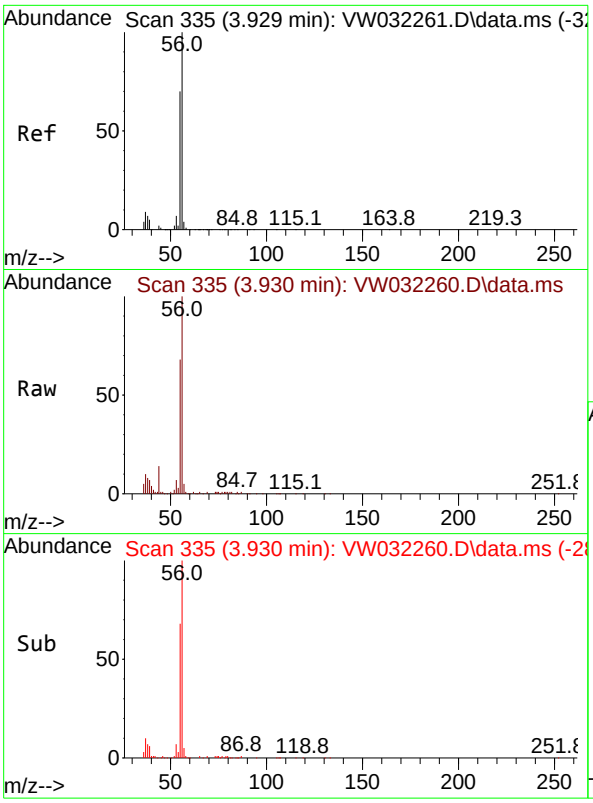


#12
1,1-Dichloroethene
Concen: 22.553 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 96 Resp: 65285

Ion	Ratio	Lower	Upper
96	100		
61	169.8	136.3	204.5
98	63.4	50.7	76.1

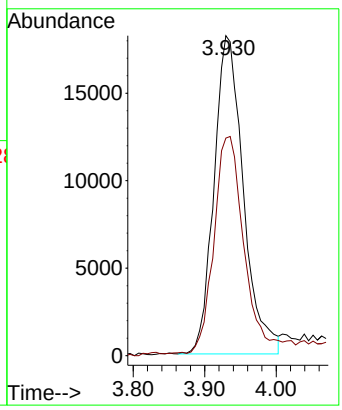




#13
Acrolein
Concen: 109.117 ug/l
RT: 3.930 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 56 Resp: 5188

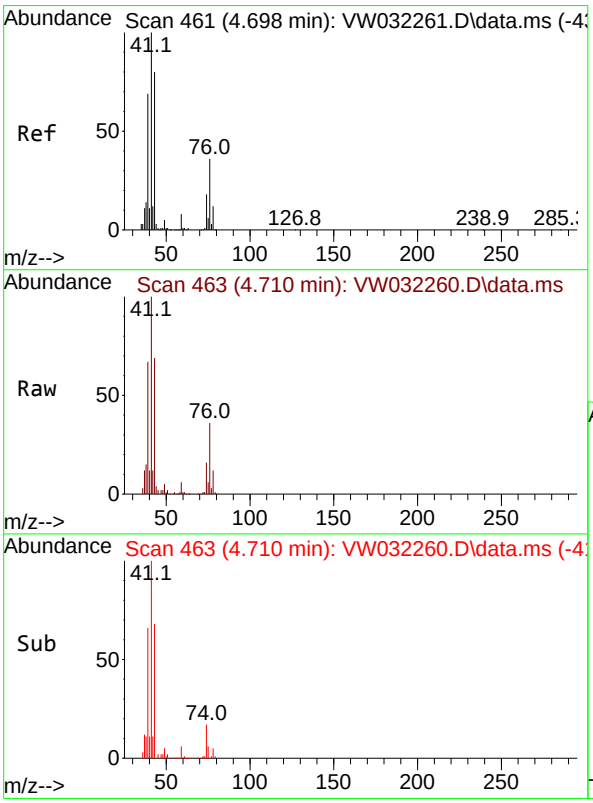
Ion	Ratio	Lower	Upper
56	100		
55	71.0	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

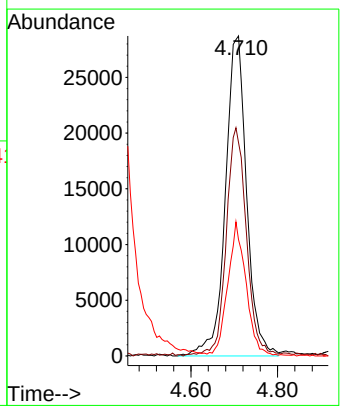
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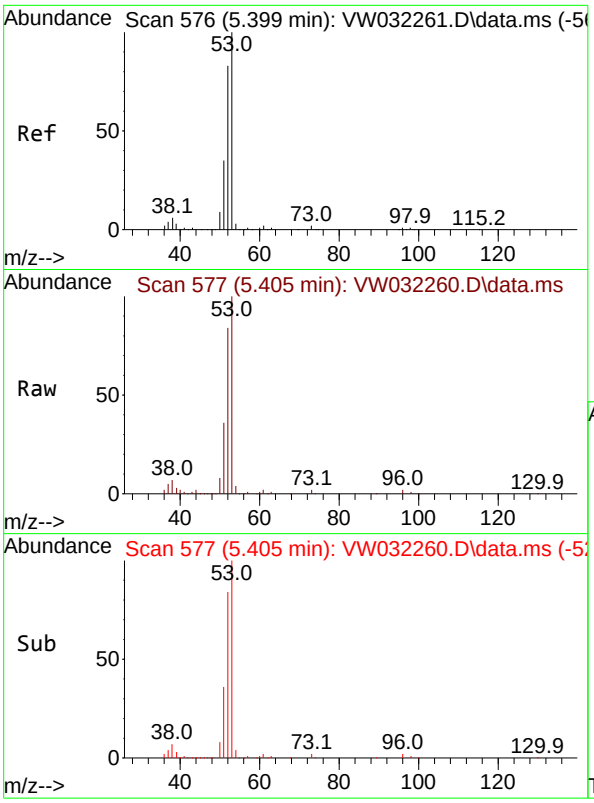


#14
Allyl chloride
Concen: 21.823 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.012 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 41 Resp: 98036

Ion	Ratio	Lower	Upper
41	100		
39	68.1	54.3	81.5
76	36.4	28.7	43.1

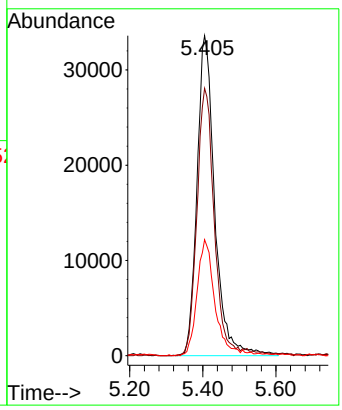




#15
Acrylonitrile
Concen: 109.593 ug/l
RT: 5.405 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 53 Resp: 11322

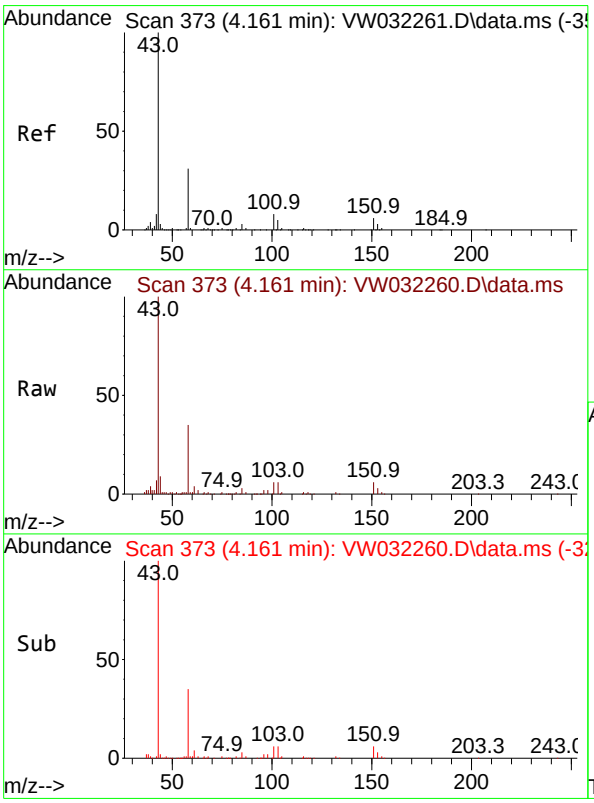
Ion	Ratio	Lower	Upper
53	100		
52	81.0	66.3	99.5
51	36.7	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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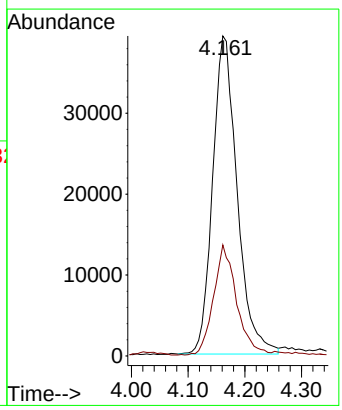
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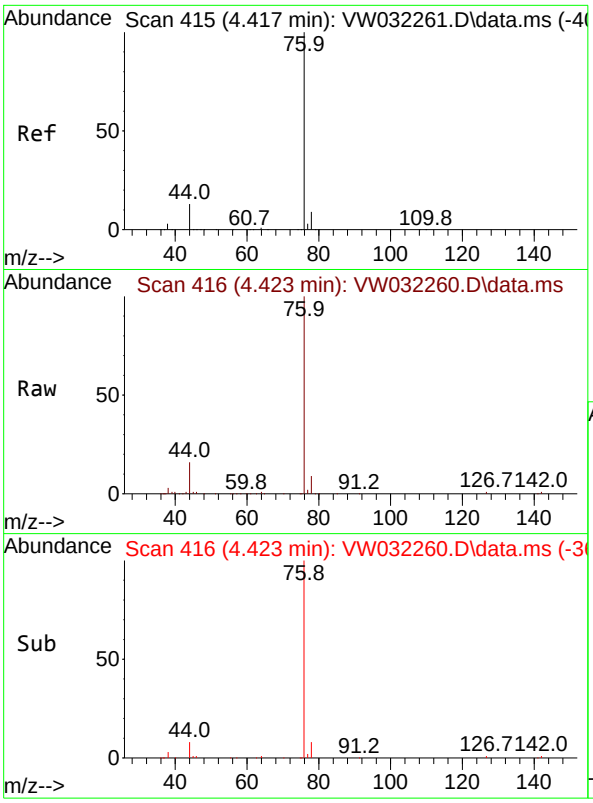


#16
Acetone
Concen: 119.503 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 118108

Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.4	38.0

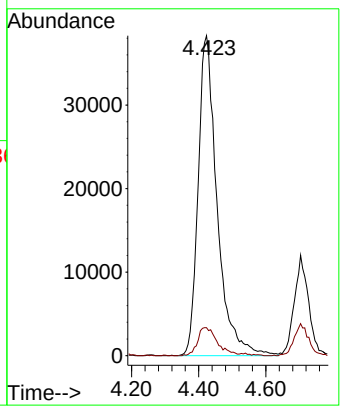




#17
Carbon Disulfide
Concen: 22.608 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 76 Resp: 15046

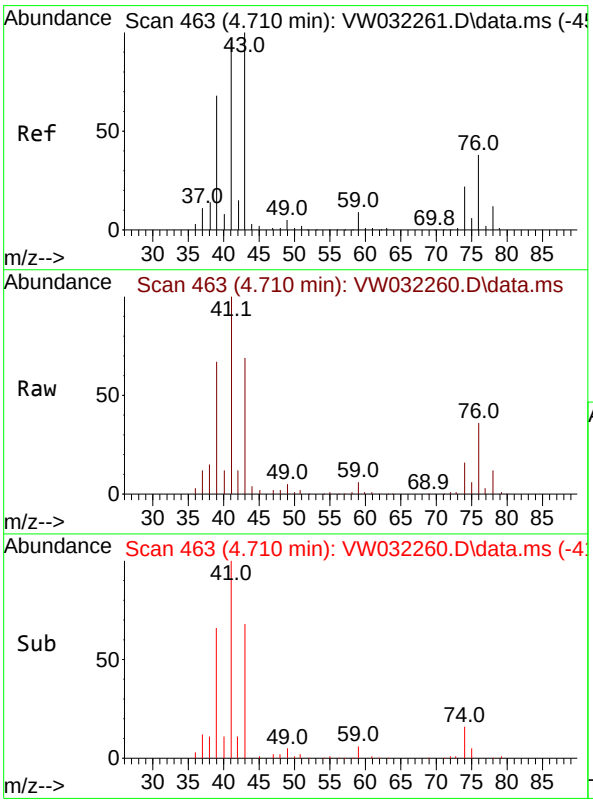
Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

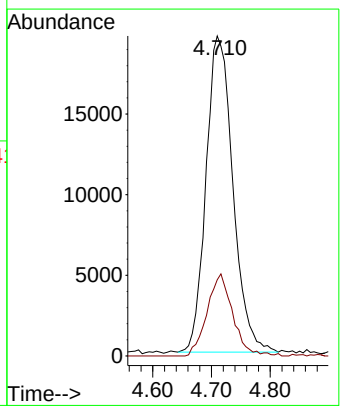
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

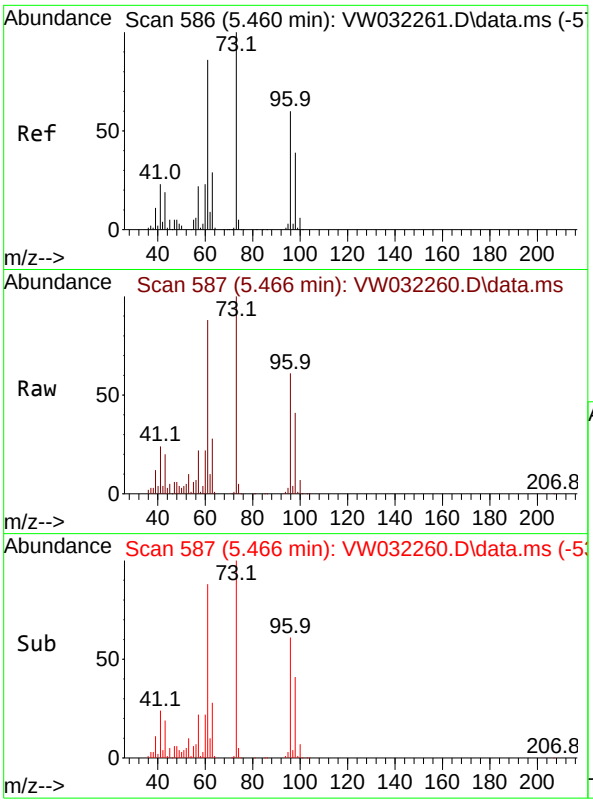


#18
Methyl Acetate
Concen: 18.340 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 62340

Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.8	28.2

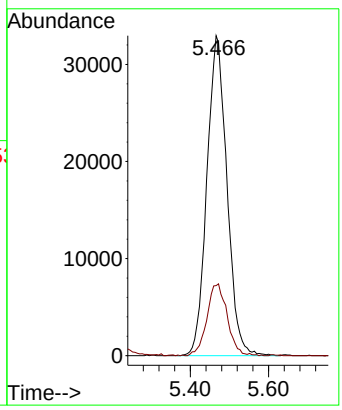




#19
Methyl tert-butyl Ether
Concen: 21.817 ug/l
RT: 5.466 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 73 Resp: 11706

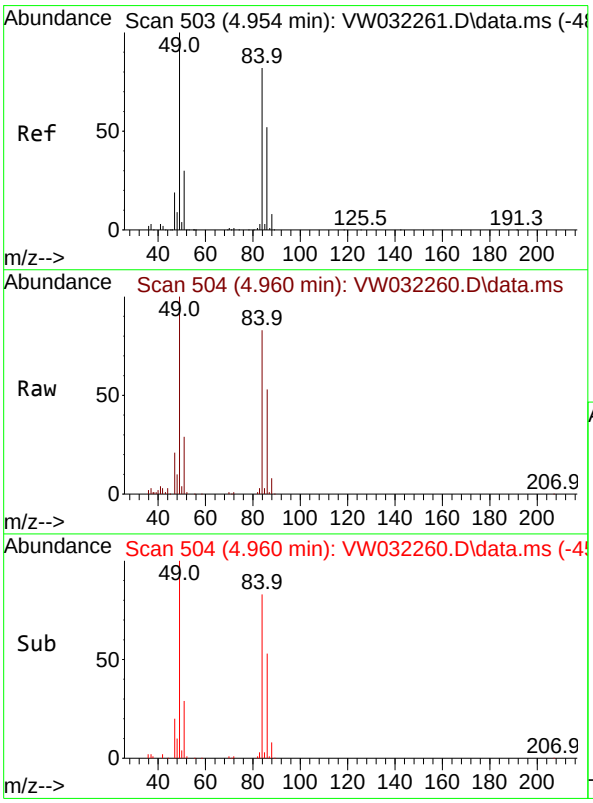
Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.3	25.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

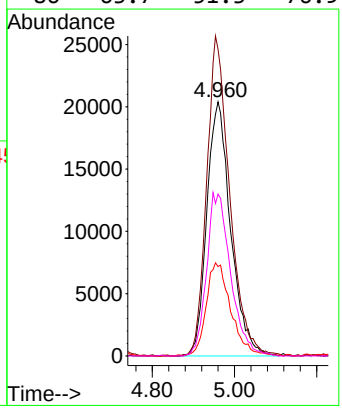
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

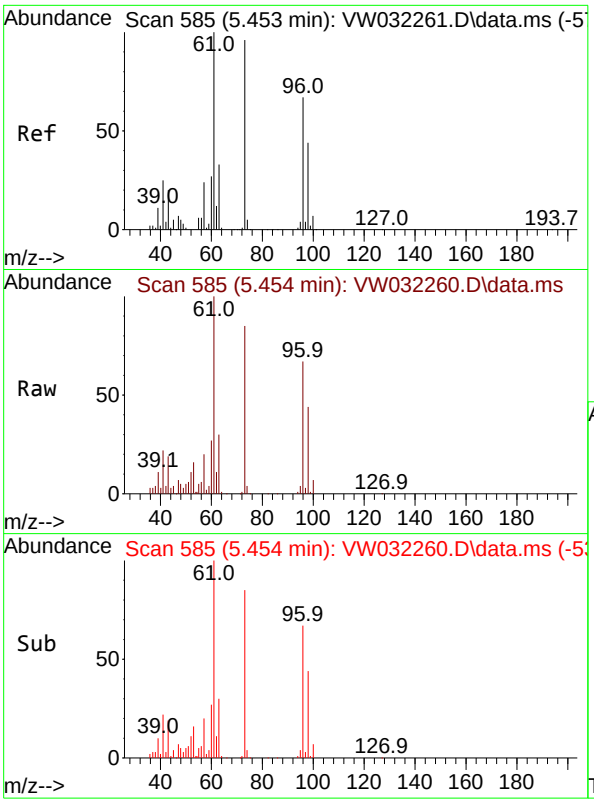


#20
Methylene Chloride
Concen: 18.228 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 84 Resp: 82214

Ion	Ratio	Lower	Upper
84	100		
49	120.7	97.8	146.6
51	34.9	29.9	44.9
86	63.7	51.3	76.9

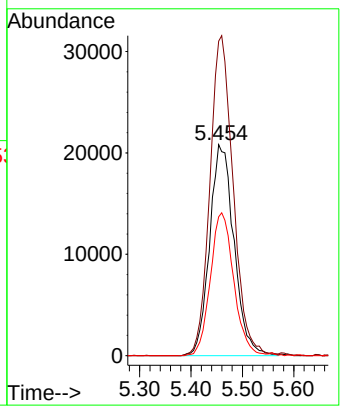




#21
trans-1,2-Dichloroethene
Concen: 21.942 ug/l
RT: 5.454 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 96 Resp: 6849

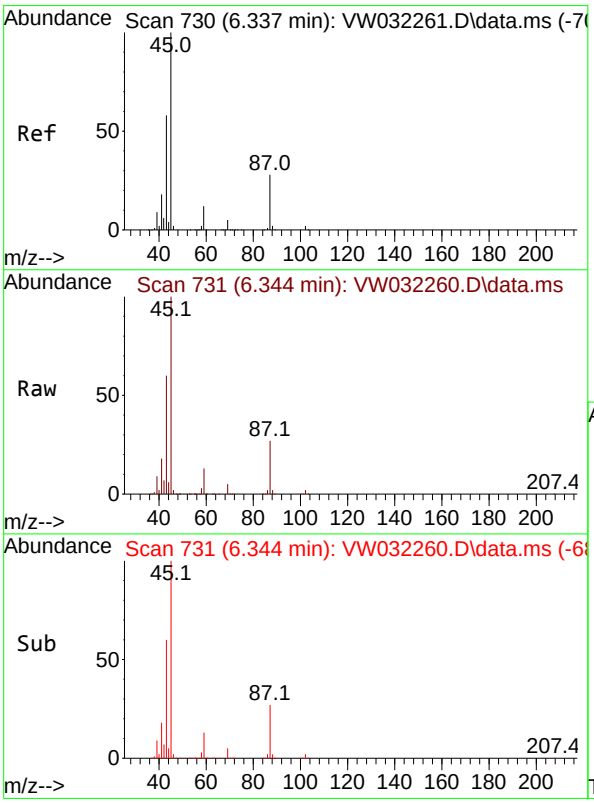
Ion	Ratio	Lower	Upper
96	100		
61	149.0	119.2	178.8
98	65.8	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

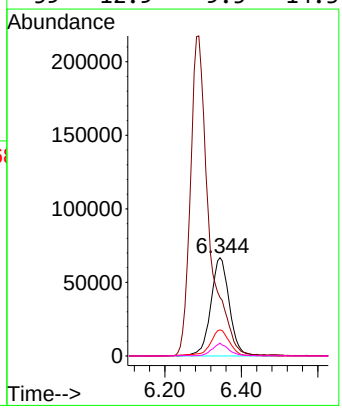
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

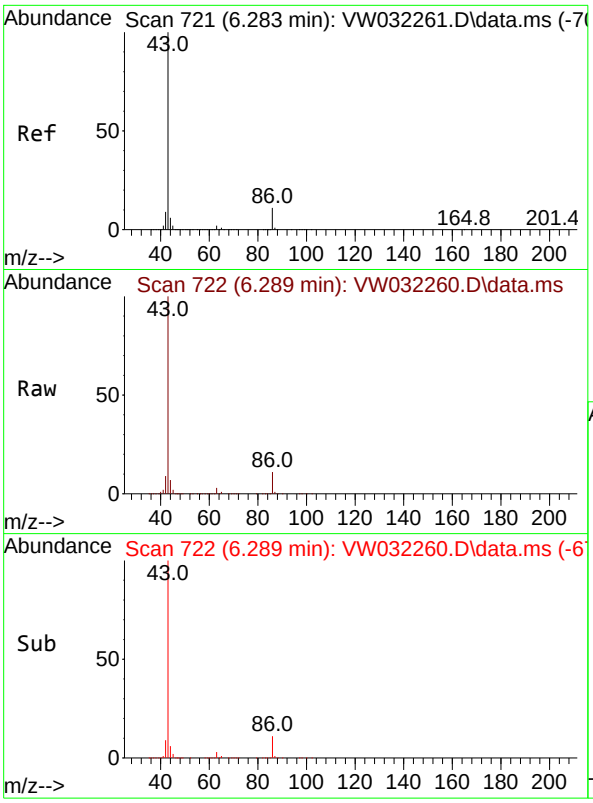


#22
Diisopropyl ether
Concen: 22.518 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 45 Resp: 224788

Ion	Ratio	Lower	Upper
45	100		
43	58.5	46.2	69.4
87	26.6	22.2	33.2
59	12.9	9.5	14.3

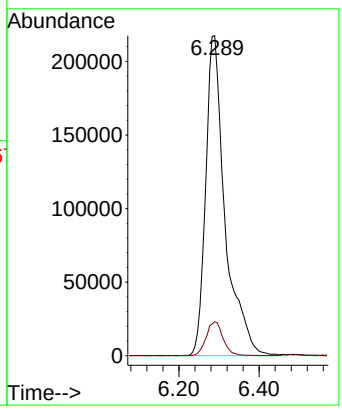




#23
Vinyl Acetate
Concen: 113.954 ug/l
RT: 6.289 min Scan# 7
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 73180

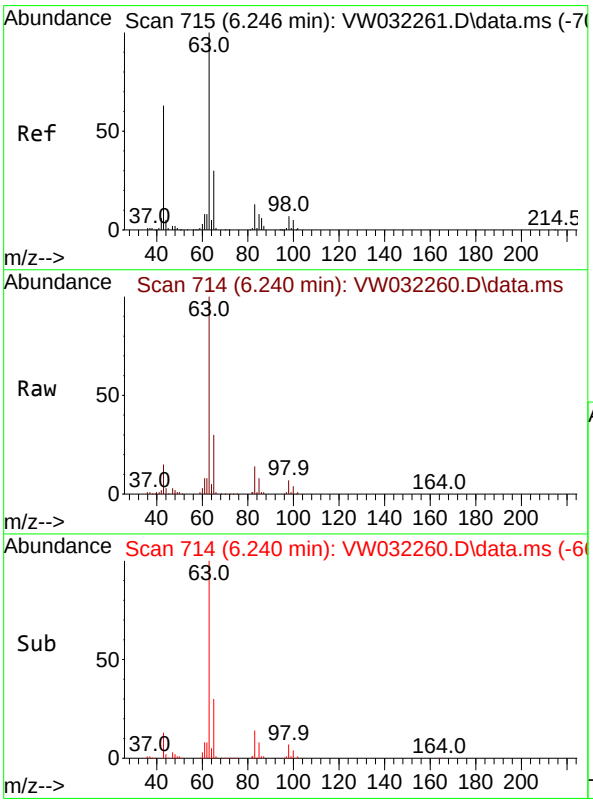
Ion	Ratio	Lower	Upper
43	100		
86	10.6	9.0	13.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

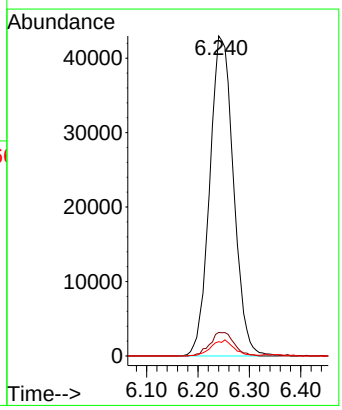
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

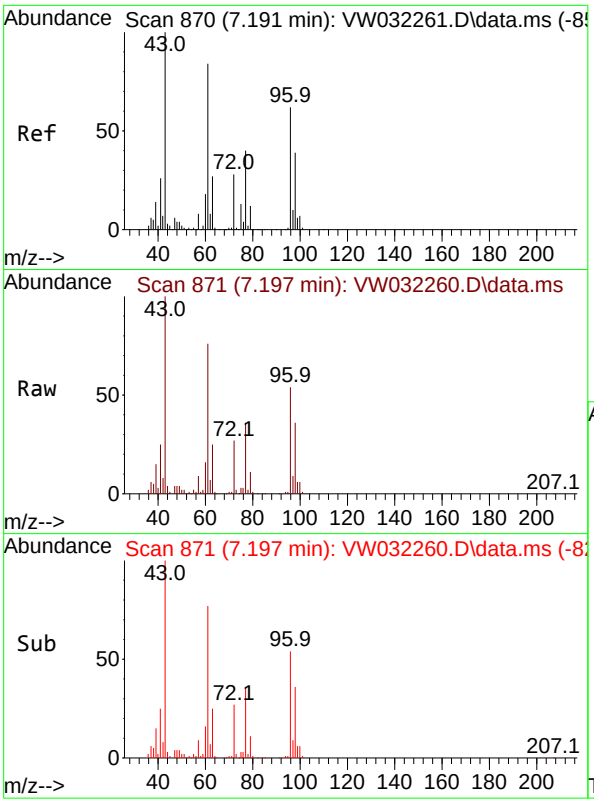


#24
1,1-Dichloroethane
Concen: 21.935 ug/l
RT: 6.240 min Scan# 714
Delta R.T. -0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 63 Resp: 138225

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.6	10.9
100	4.4	2.4	7.1

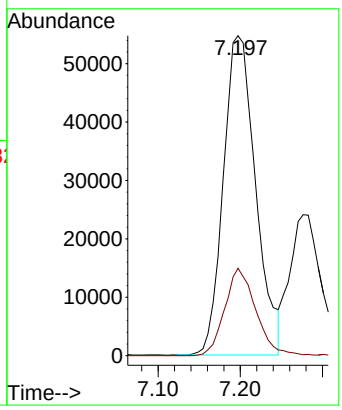




#25
2-Butanone
Concen: 108.608 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 14961

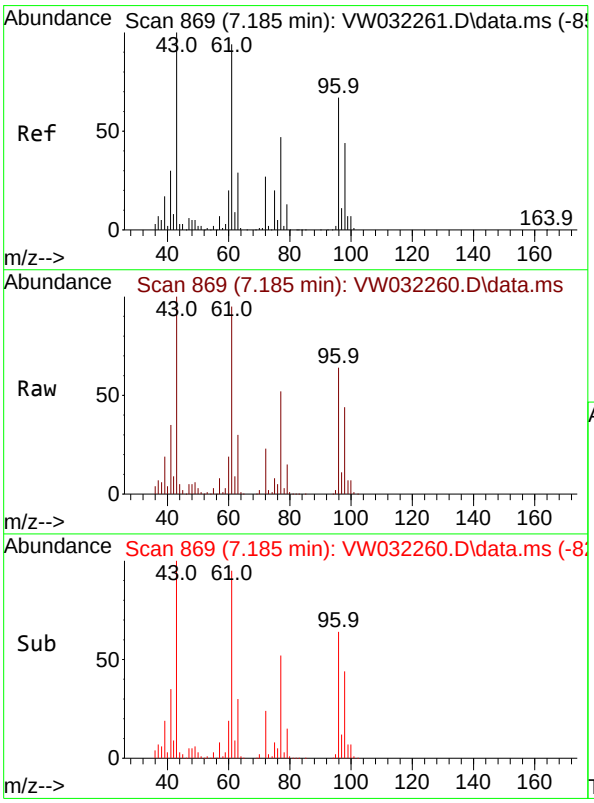
Ion	Ratio	Lower	Upper
43	100		
72	27.4	22.3	33.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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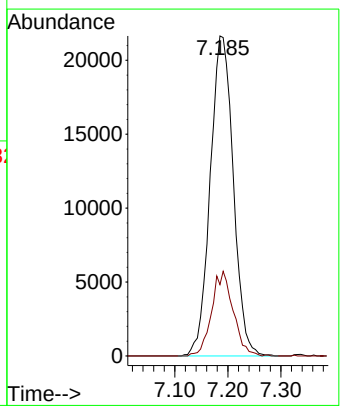
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

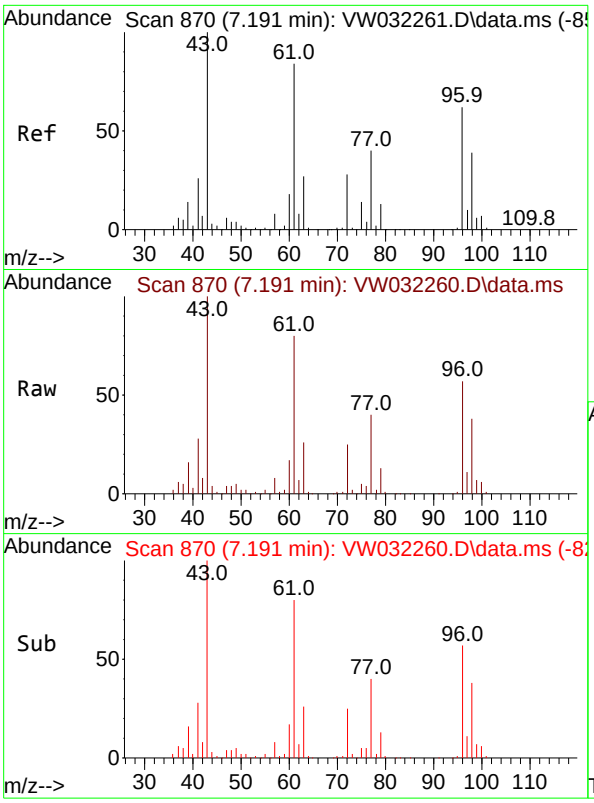


#26
2,2-Dichloropropane
Concen: 21.087 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 77 Resp: 65482

Ion	Ratio	Lower	Upper
77	100		
97	24.6	11.7	35.0

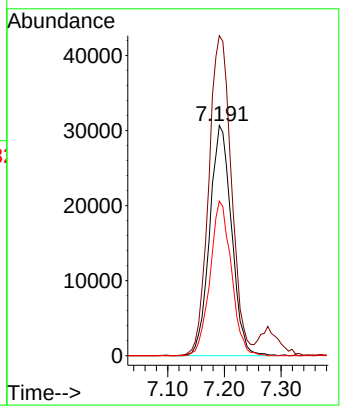




#27
cis-1,2-Dichloroethene
Concen: 21.175 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 96 Resp: 8220

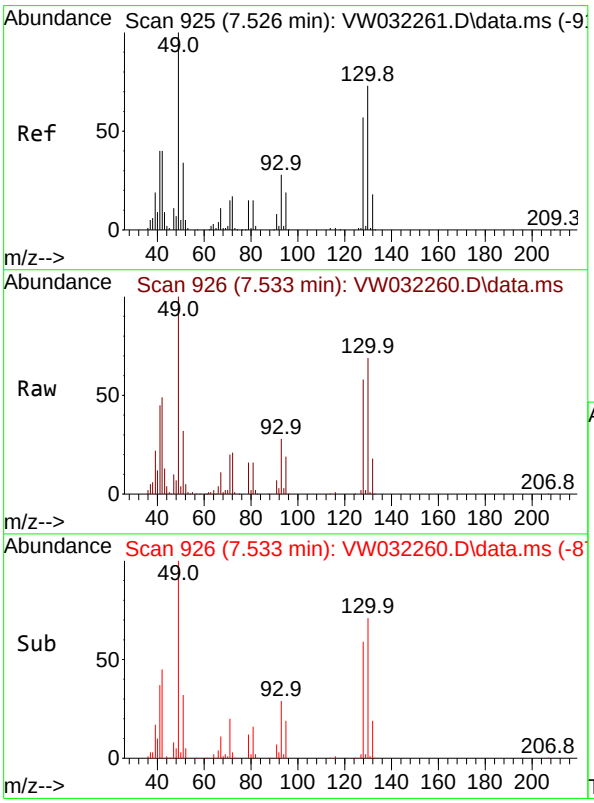
Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	281.8
98	65.1	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

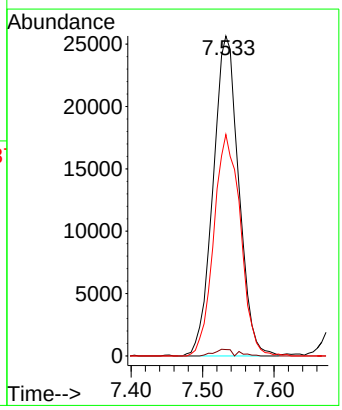
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

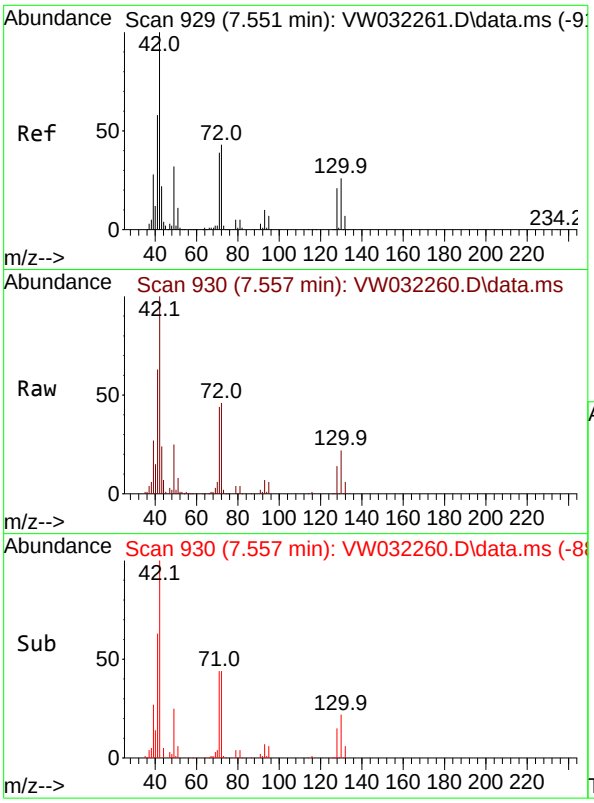


#28
Bromochloromethane
Concen: 21.275 ug/l
RT: 7.533 min Scan# 926
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 49 Resp: 63972

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.2
130	72.0	0.0	0.0#

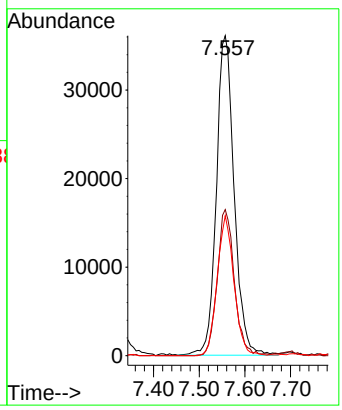




#29
Tetrahydrofuran
Concen: 109.208 ug/l
RT: 7.557 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 42 Resp: 9766

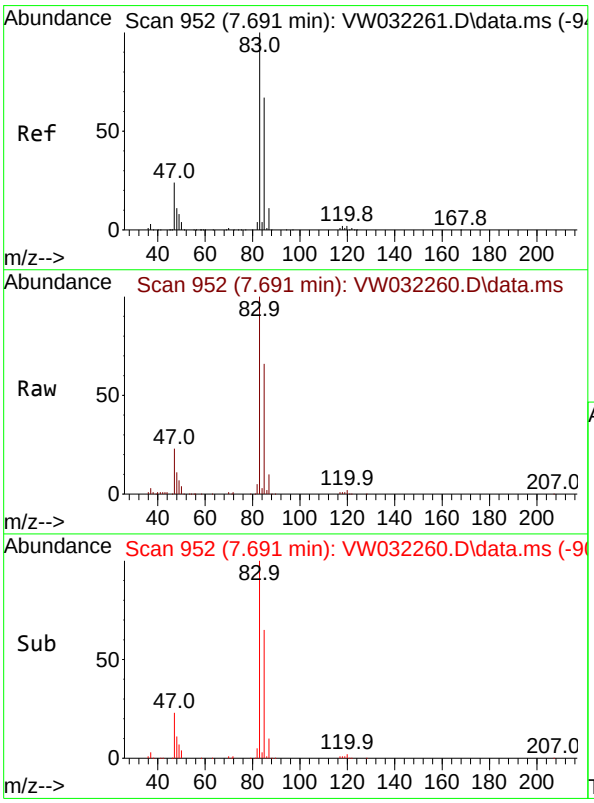
Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.1	52.7
71	41.4	33.3	49.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

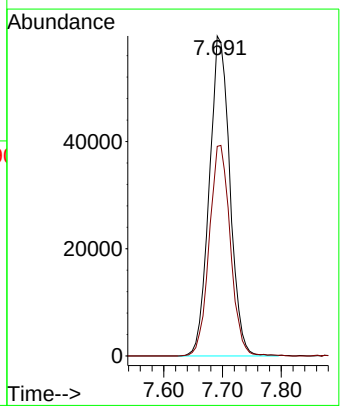
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

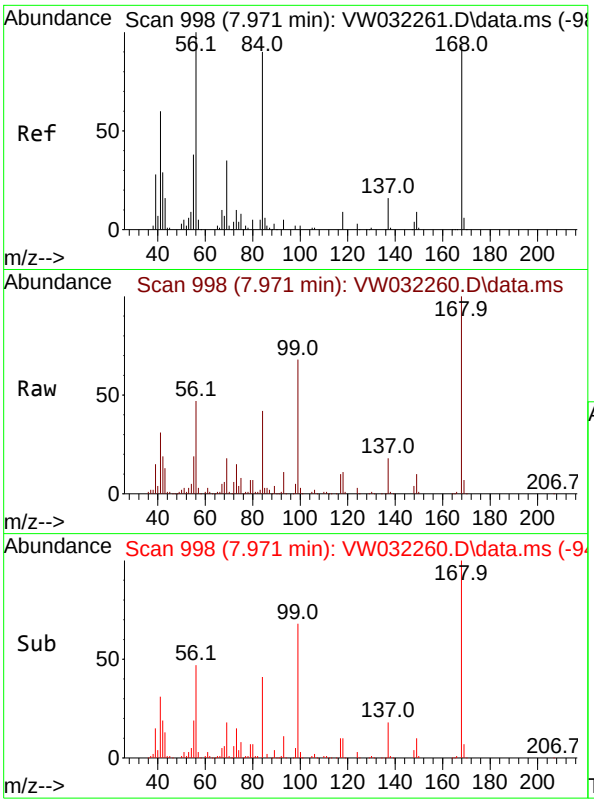


#30
Chloroform
Concen: 22.072 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 83 Resp: 145120

Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.3	79.9

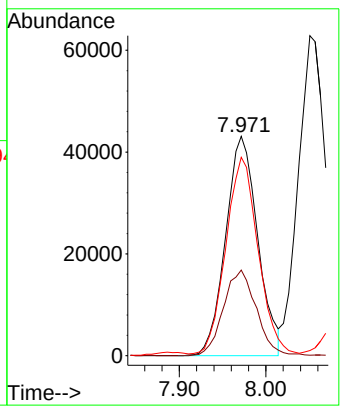




#31
Cyclohexane
Concen: 22.340 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 56 Resp: 11101

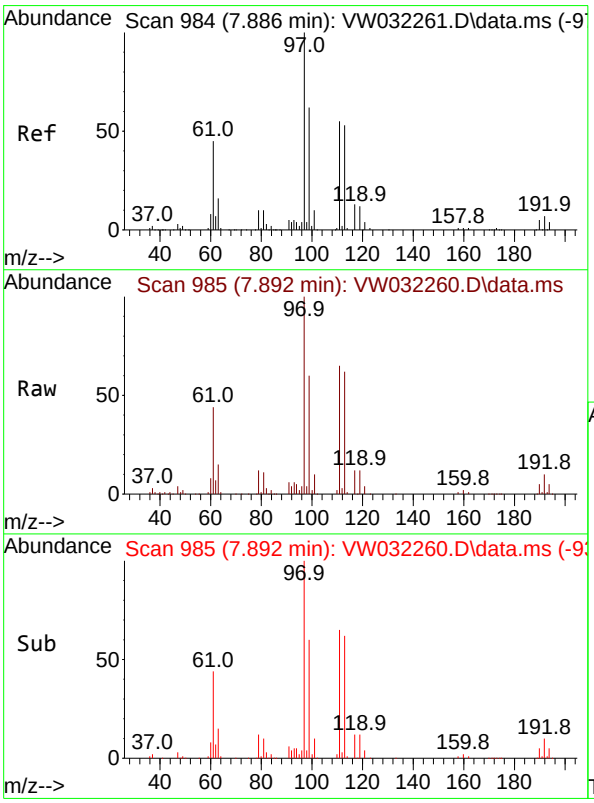
Ion	Ratio	Lower	Upper
56	100		
69	39.0	28.2	42.2
84	89.0	71.8	107.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

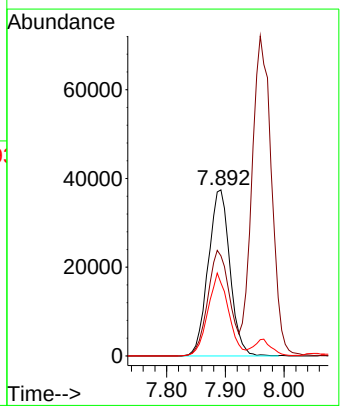
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

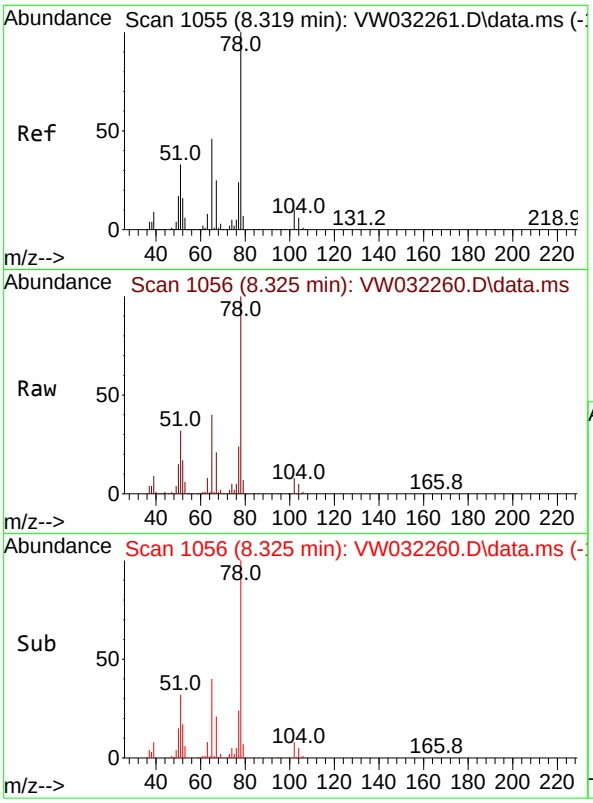


#32
1,1,1-Trichloroethane
Concen: 21.677 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 97 Resp: 96016

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.6	76.0
61	47.5	36.2	54.4

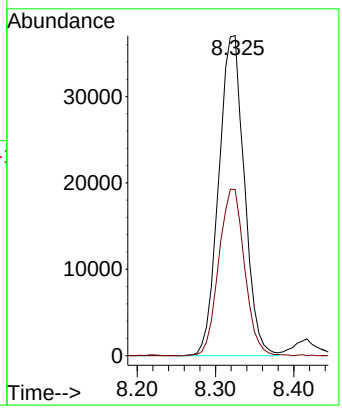




#33
1,2-Dichloroethane-d4
Concen: 21.875 ug/l
RT: 8.325 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 65 Resp: 8418

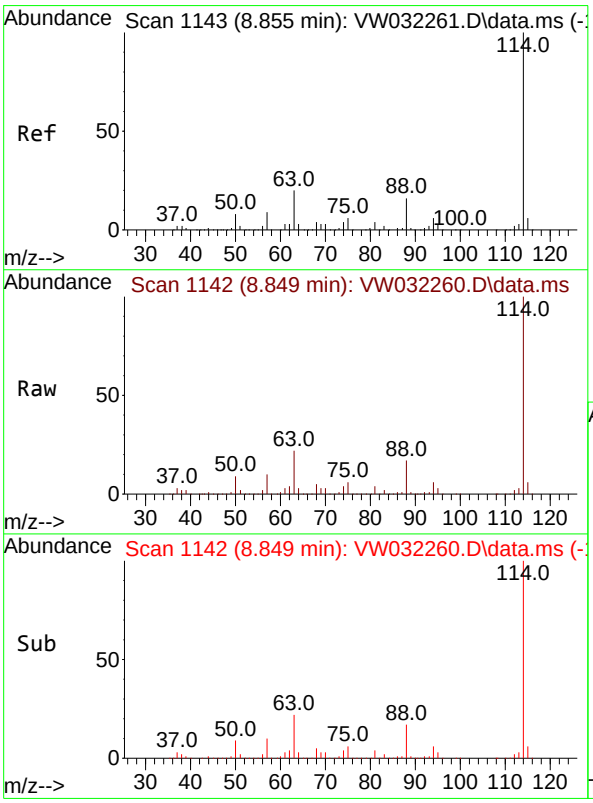
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

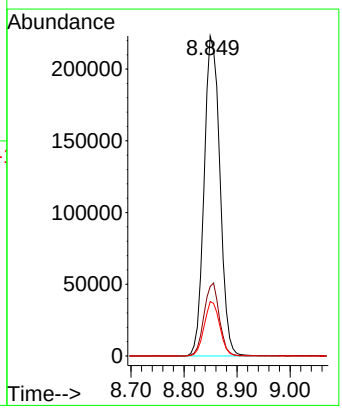
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

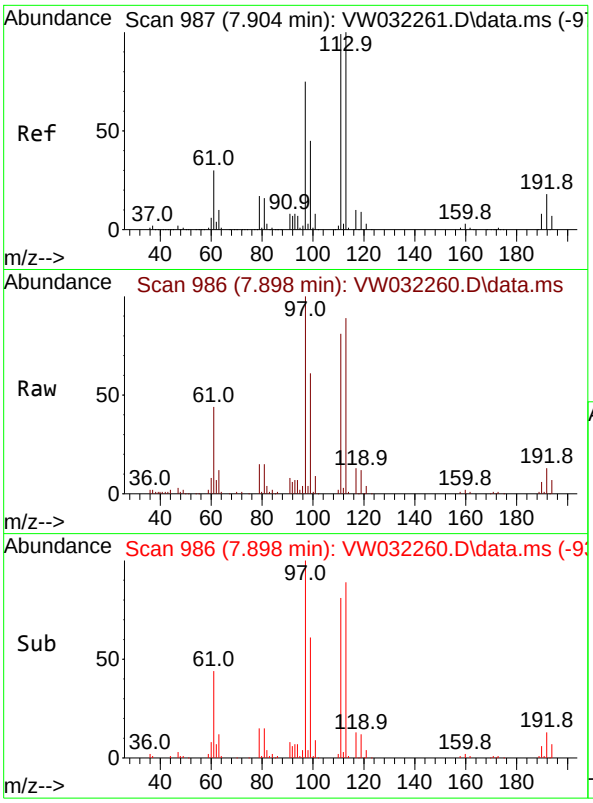


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:114 Resp: 461392

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	40.2
88	17.0	0.0	32.0





#35
Dibromofluoromethane
Concen: 21.091 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

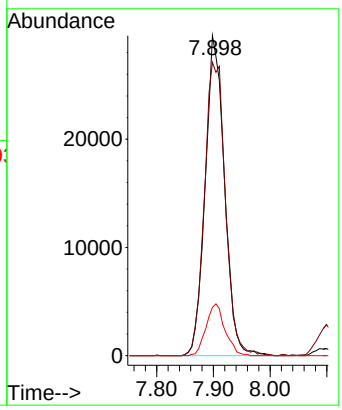
Tgt Ion:113 Resp: 6998

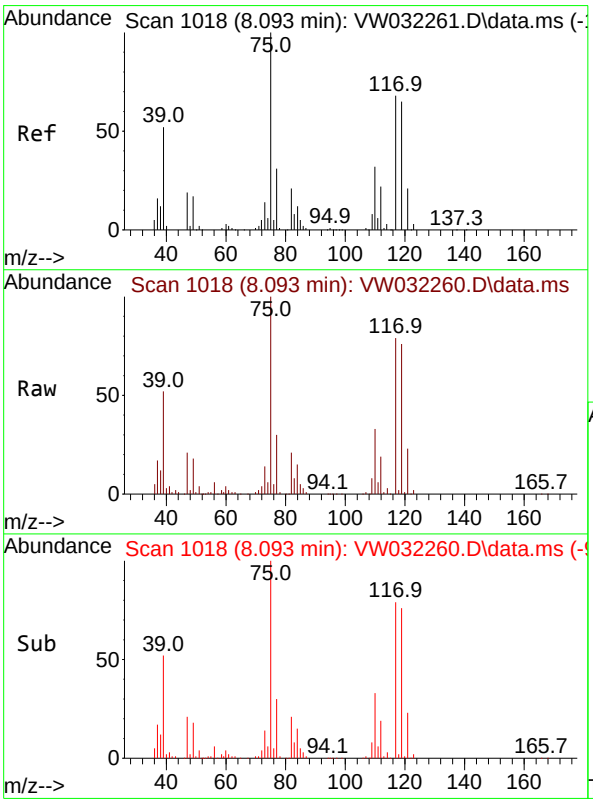
Ion	Ratio	Lower	Upper
113	100		
111	99.6	81.8	122.8
192	15.9	13.0	19.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

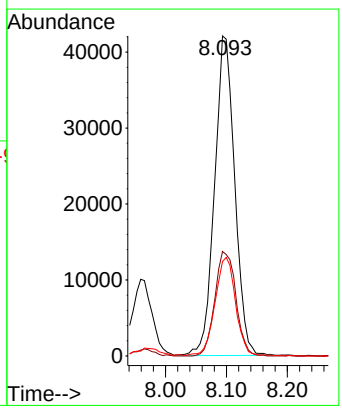


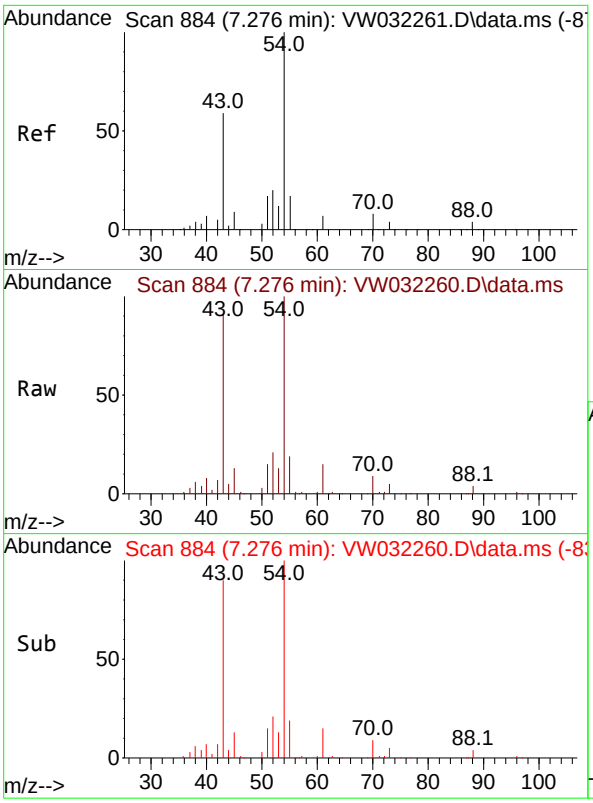


#36
1,1-Dichloropropene
Concen: 21.603 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 75 Resp: 96645

Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.7	50.1
77	31.1	25.2	37.8

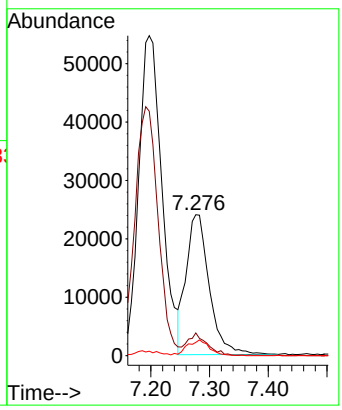




#37
Ethyl Acetate
Concen: 22.138 ug/l
RT: 7.276 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 6568

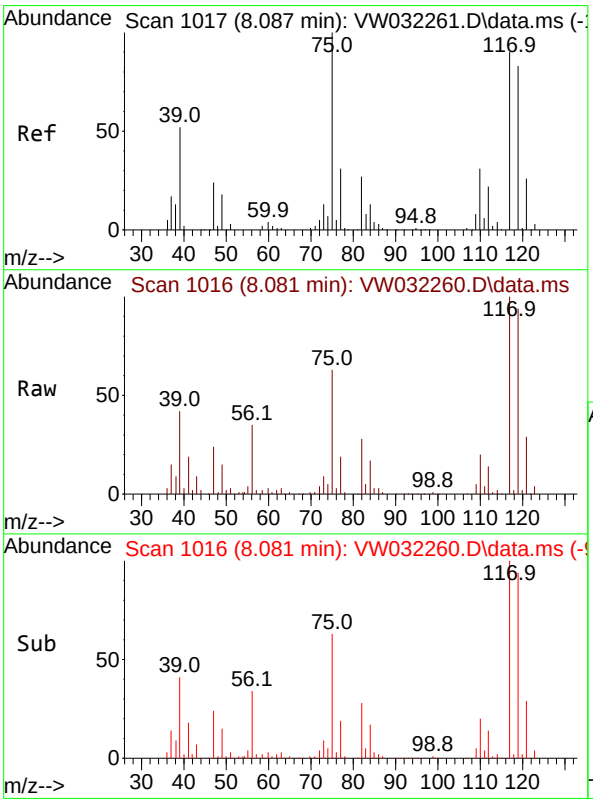
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	10.9	8.5	12.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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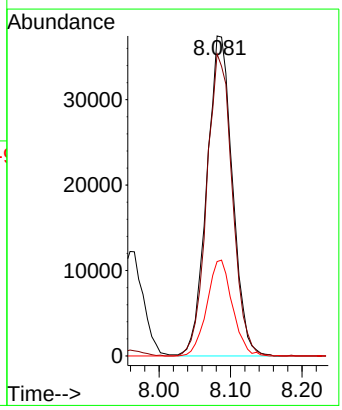
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

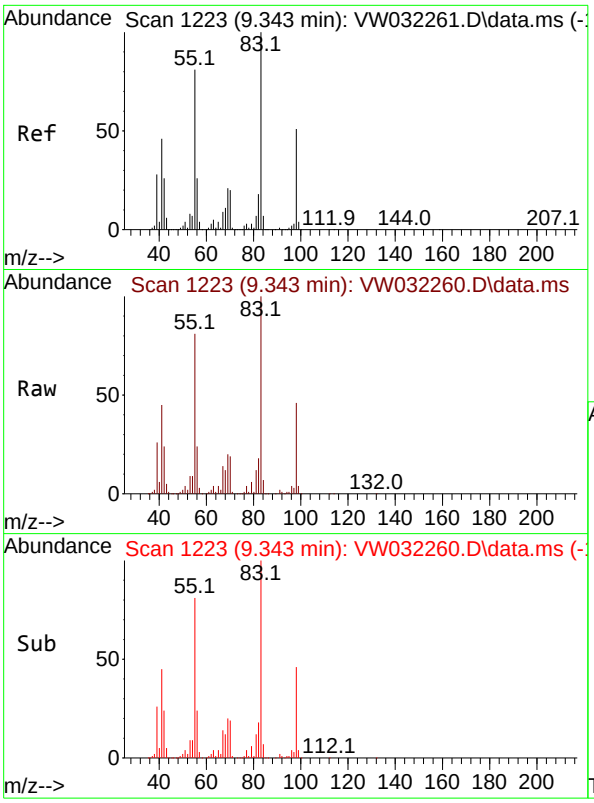


#38
Carbon Tetrachloride
Concen: 22.156 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:117 Resp: 93252

Ion	Ratio	Lower	Upper
117	100		
119	94.4	73.9	110.9
121	29.5	23.0	34.6





#39
Methylcyclohexane
Concen: 21.264 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

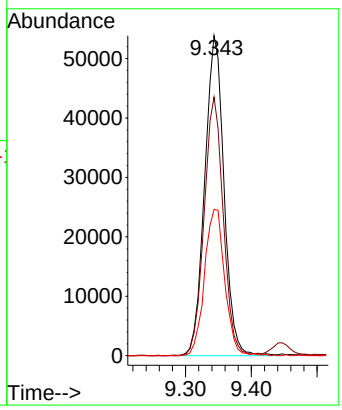
Tgt Ion: 83 Resp: 11006

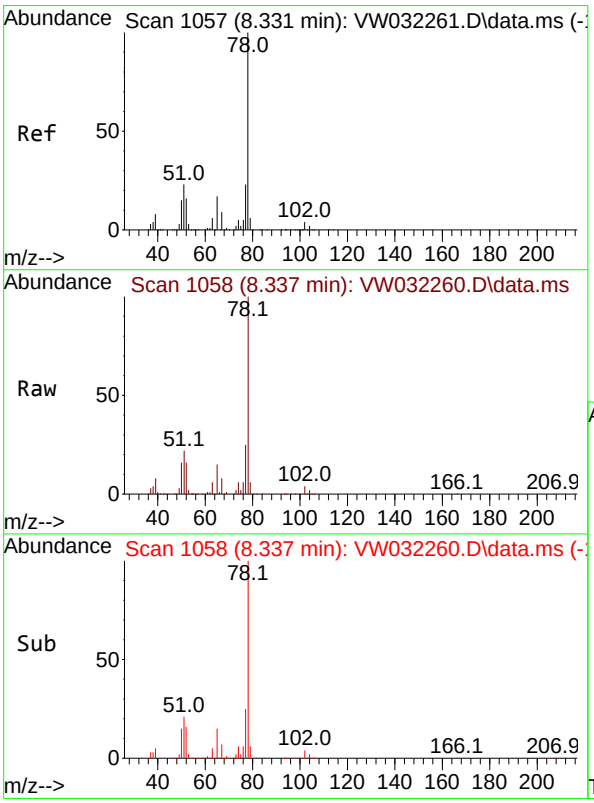
Ion	Ratio	Lower	Upper
83	100		
55	80.7	65.0	97.6
98	45.7	40.8	61.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

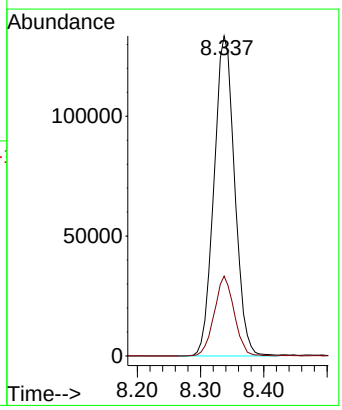


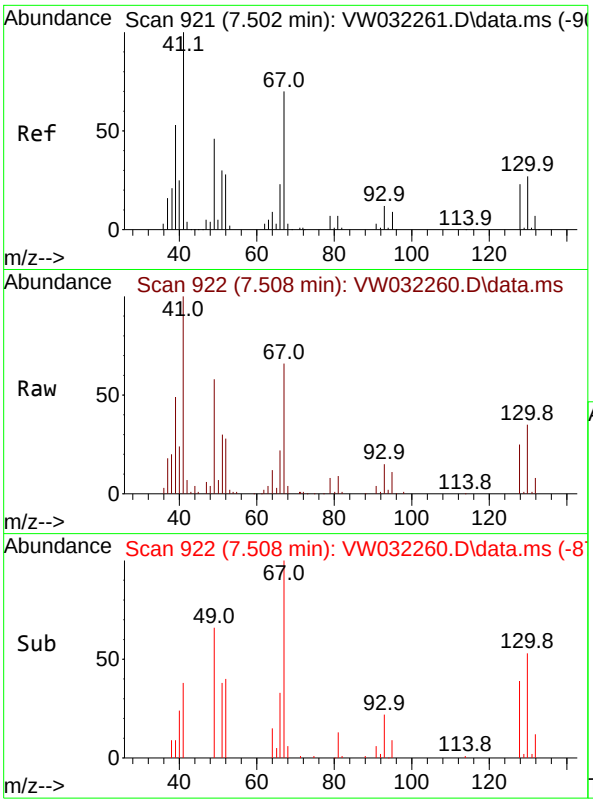


#40
Benzene
Concen: 21.478 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 78 Resp: 302446

Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.7	28.1

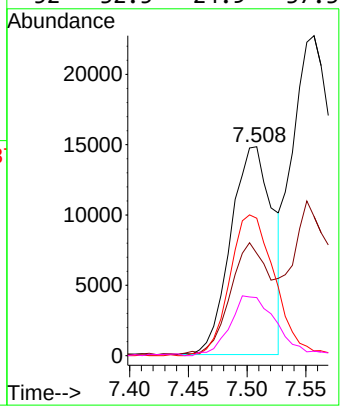




#41
Methacrylonitrile
Concen: 21.680 ug/l
RT: 7.508 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 41 Resp: 3684

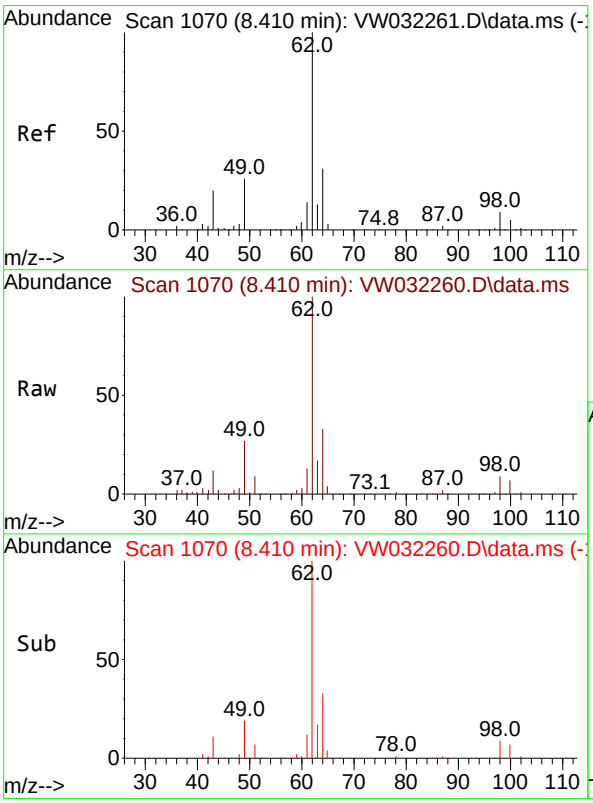
Ion	Ratio	Lower	Upper
41	100		
39	52.2	46.9	70.3
67	73.3	59.0	88.4
52	32.5	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

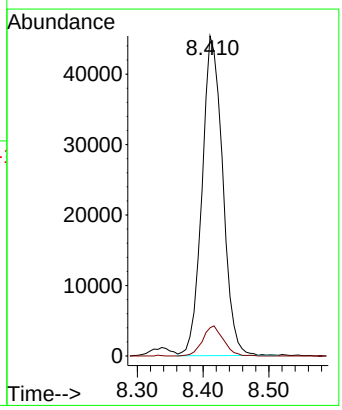
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

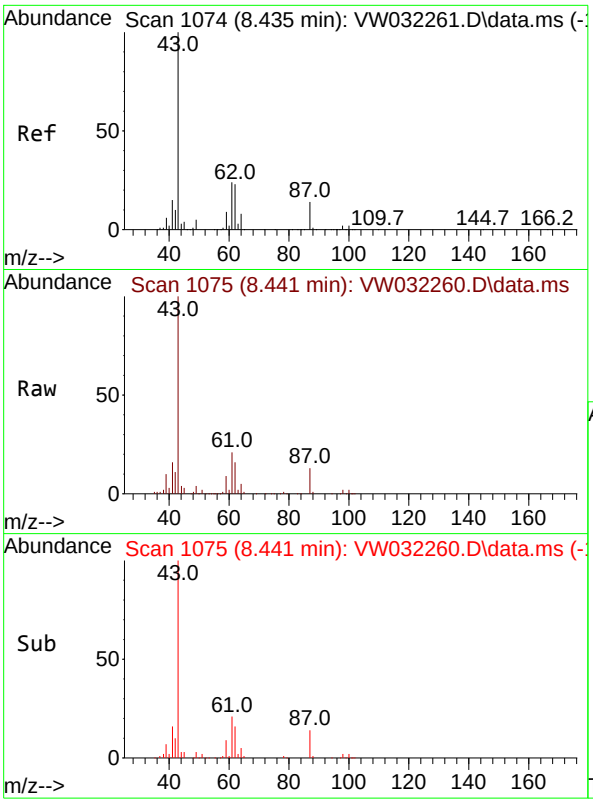


#42
1,2-Dichloroethane
Concen: 21.160 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 62 Resp: 99043

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4

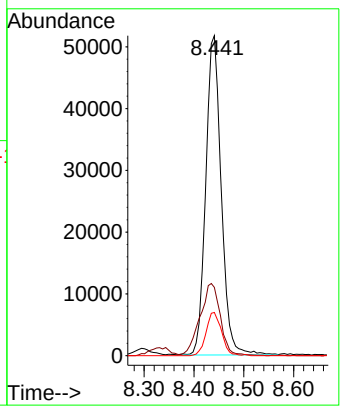




#43
Isopropyl Acetate
Concen: 21.003 ug/l
RT: 8.441 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 11154

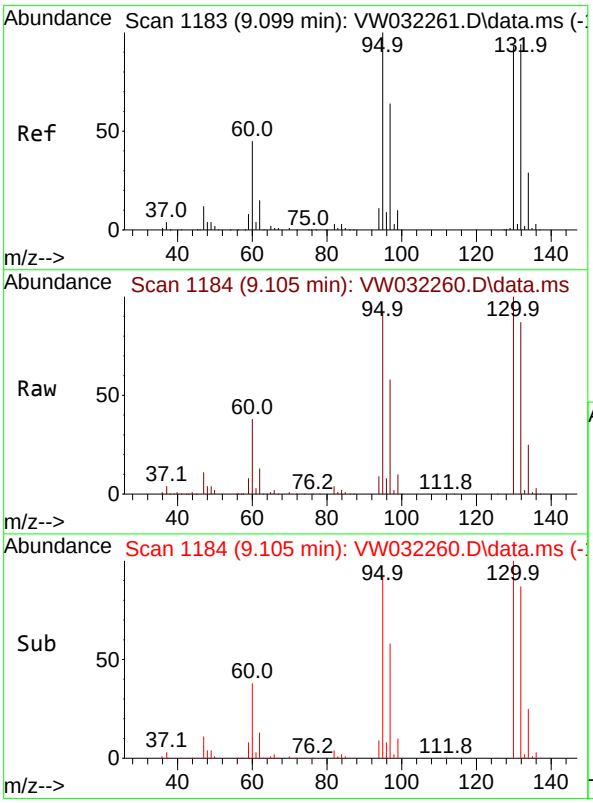
Ion	Ratio	Lower	Upper
43	100		
61	29.7	24.2	36.2
87	13.5	10.6	16.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

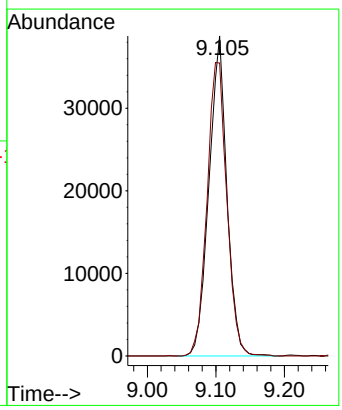
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

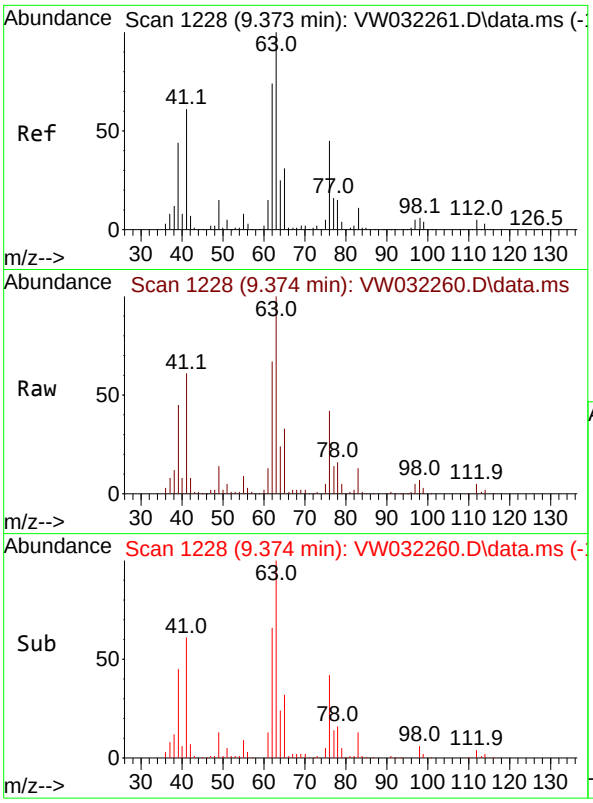


#44
Trichloroethene
Concen: 21.404 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:130 Resp: 70450

Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	215.2

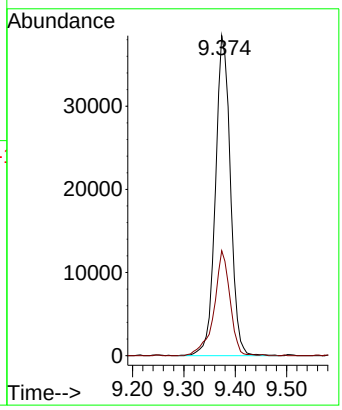




#45
1,2-Dichloropropane
Concen: 21.400 ug/l
RT: 9.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 63 Resp: 7804

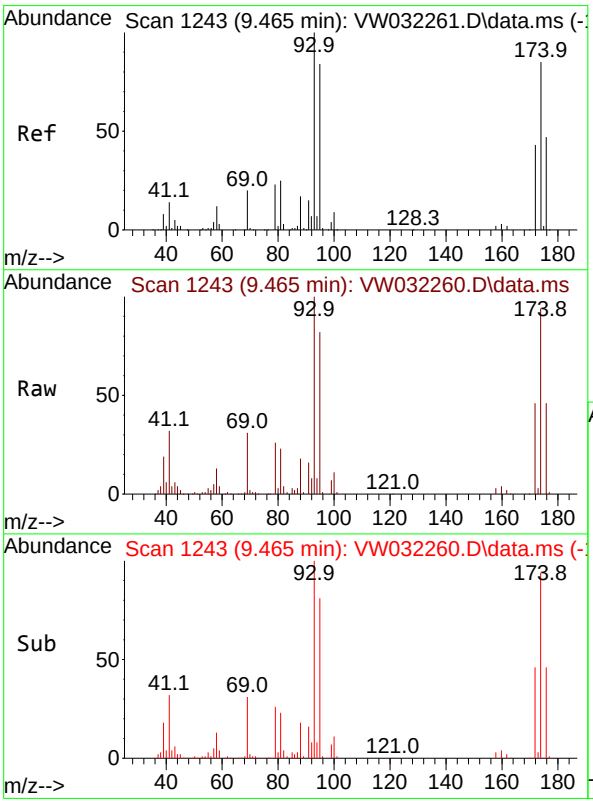
Ion	Ratio	Lower	Upper
63	100		
65	32.8	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

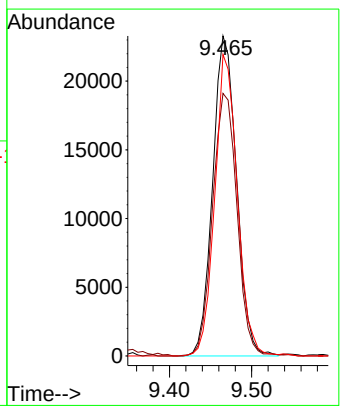
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

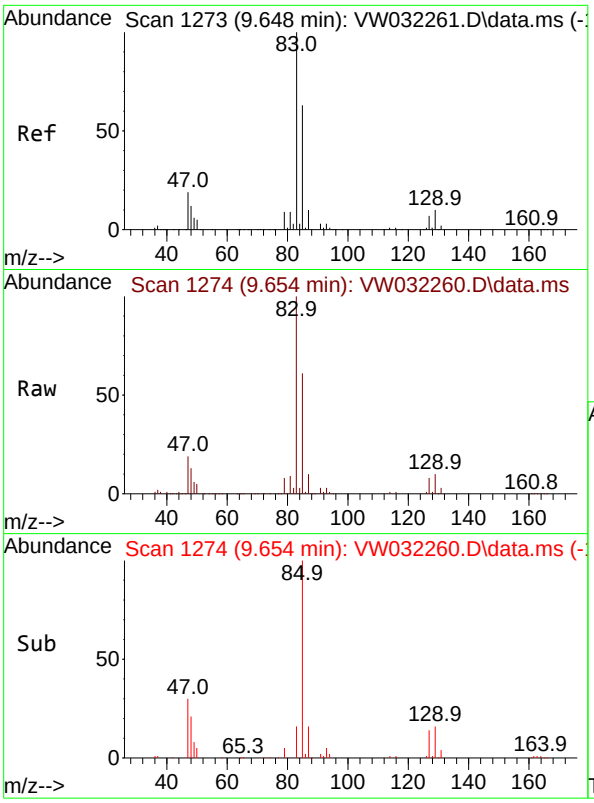


#46
Dibromomethane
Concen: 20.986 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 93 Resp: 47056

Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.6	99.8
174	89.3	69.0	103.6

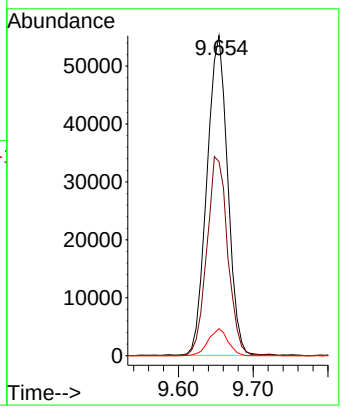




#47
Bromodichloromethane
Concen: 20.826 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 83 Resp: 10651

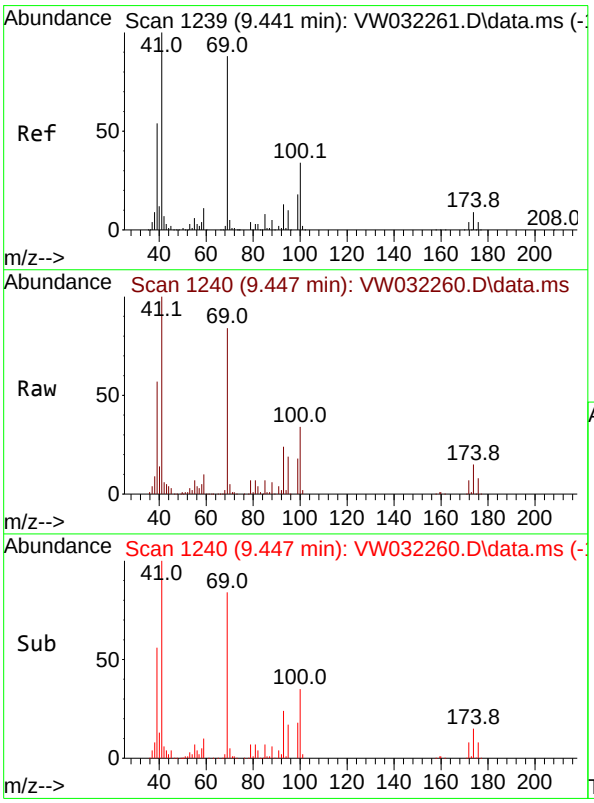
Ion	Ratio	Lower	Upper
83	100		
85	60.7	50.3	75.5
127	8.5	5.6	8.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

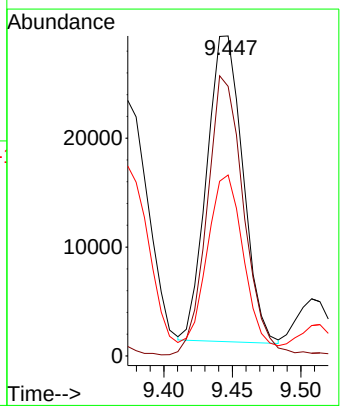
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

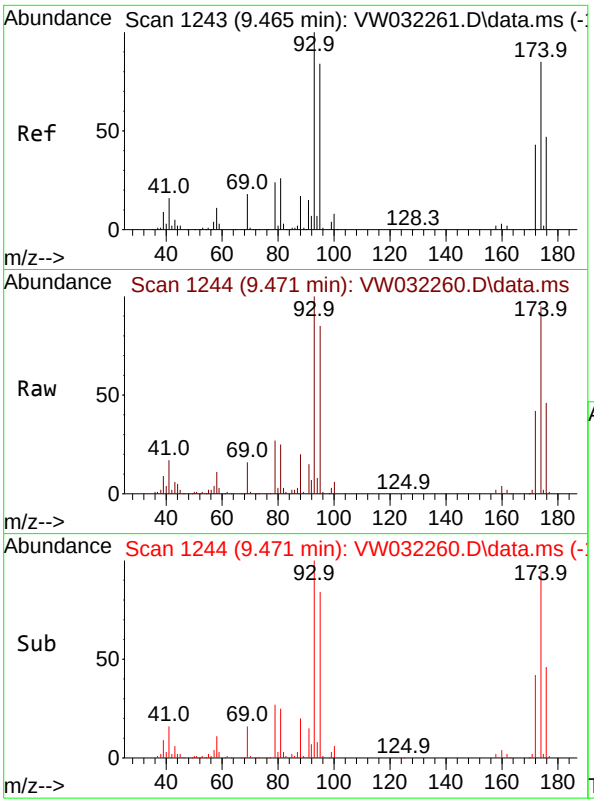


#48
Methyl methacrylate
Concen: 20.575 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 41 Resp: 51409

Ion	Ratio	Lower	Upper
41	100		
69	92.9	71.4	107.0
39	54.8	46.9	70.3

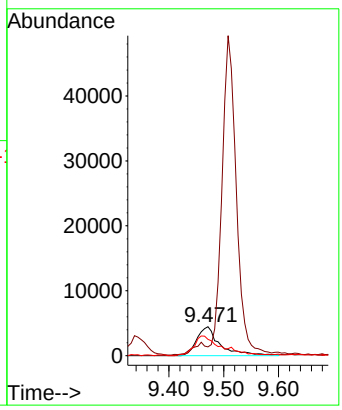




#49
1,4-Dioxane
Concen: 439.575 ug/l
RT: 9.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 88 Resp: 1320

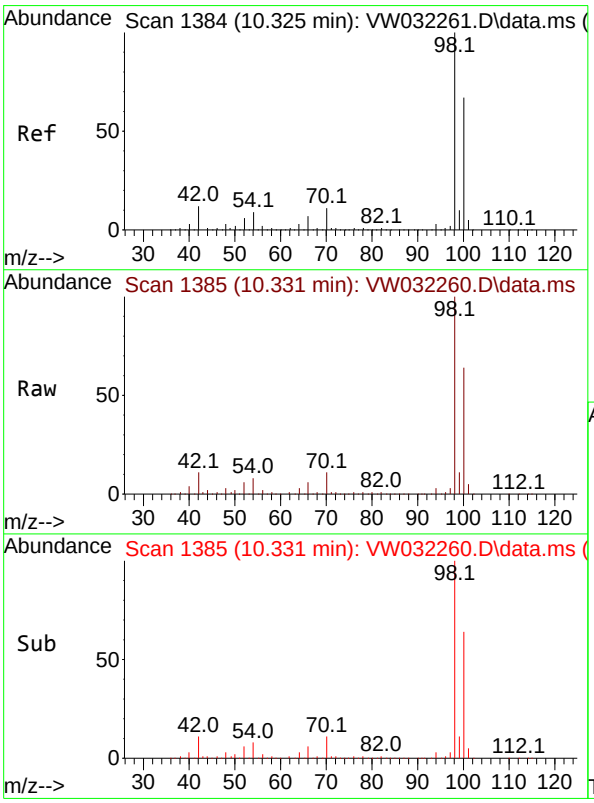
Ion	Ratio	Lower	Upper
88	100		
43	25.9	0.0	0.0
58	81.8	62.9	94.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

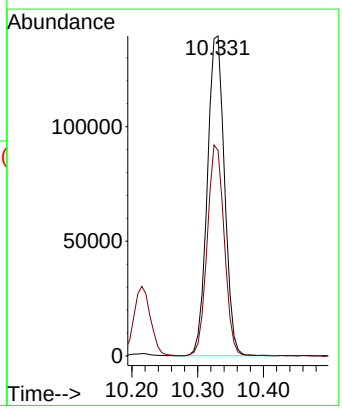
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

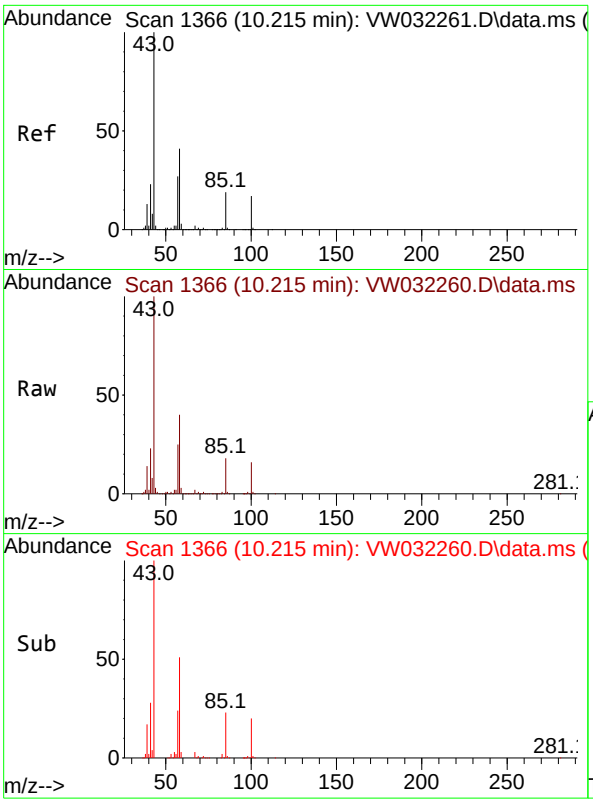


#50
Toluene-d8
Concen: 21.171 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 98 Resp: 253179

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4

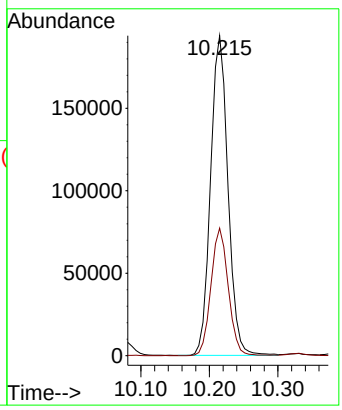




#51
4-Methyl-2-Pentanone
Concen: 108.392 ug/l
RT: 10.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 34132

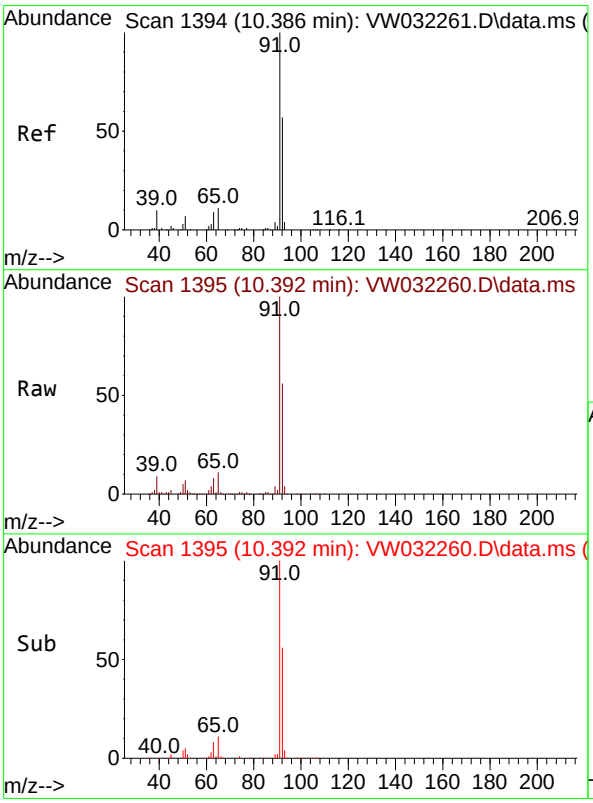
Ion	Ratio	Lower	Upper
43	100		
58	39.7	32.3	48.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

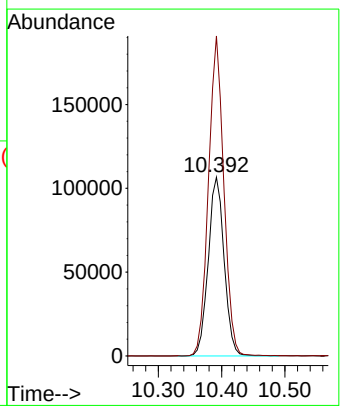
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

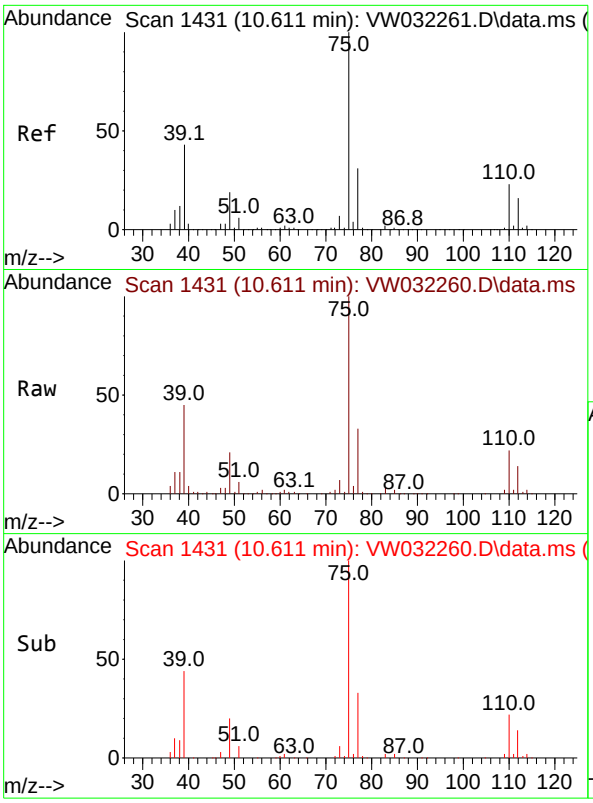


#52
Toluene
Concen: 21.351 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 92 Resp: 186350

Ion	Ratio	Lower	Upper
92	100		
91	173.0	139.2	208.8





#53
t-1,3-Dichloropropene
Concen: 20.507 ug/l
RT: 10.611 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

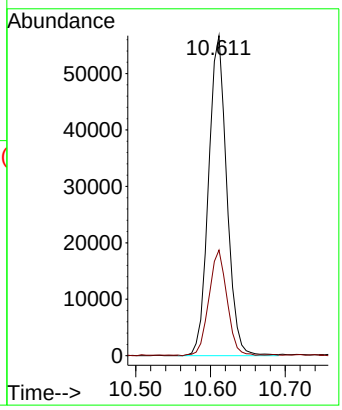
Tgt Ion: 75 Resp: 9609

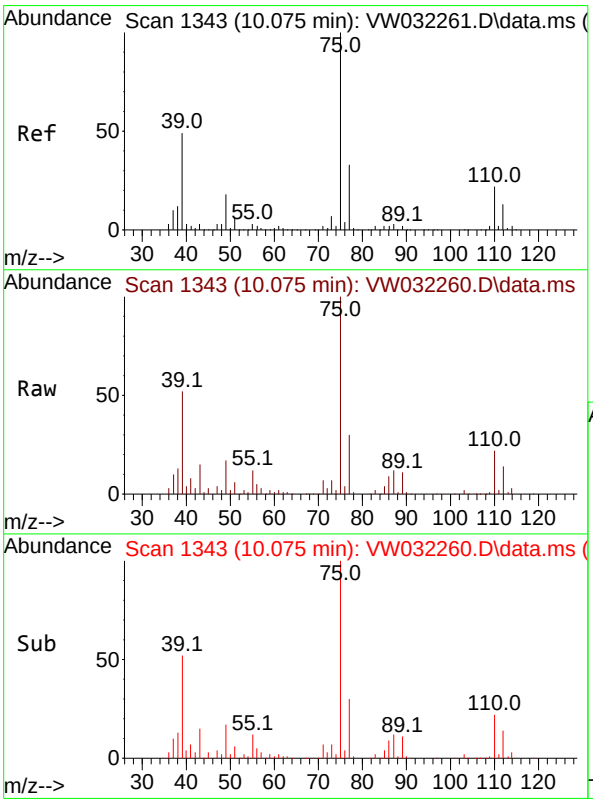
Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

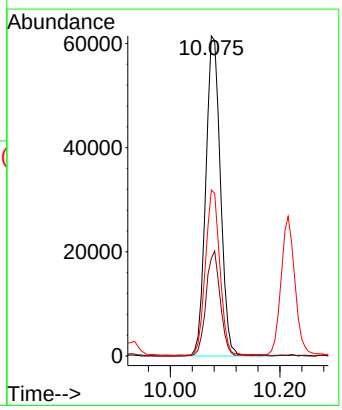


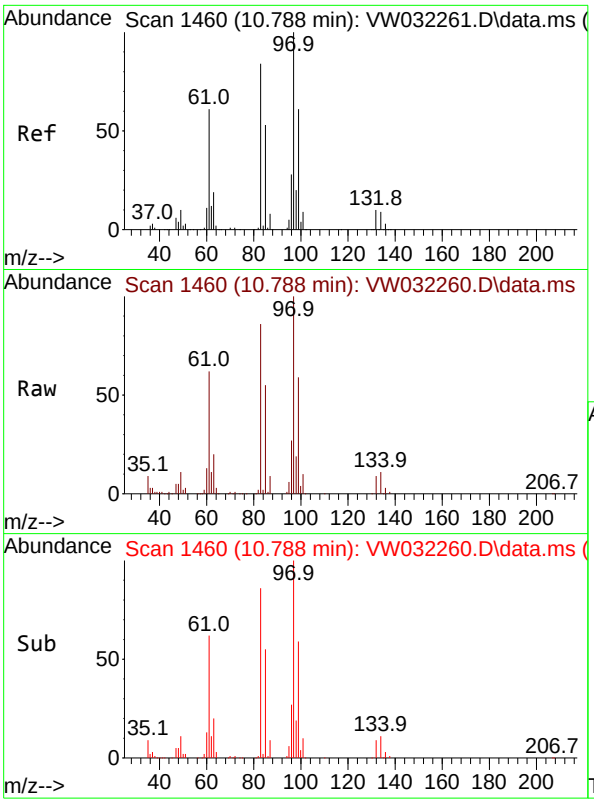


#54
cis-1,3-Dichloropropene
Concen: 21.086 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 75 Resp: 114070

Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.2	39.4
39	51.6	39.0	58.6

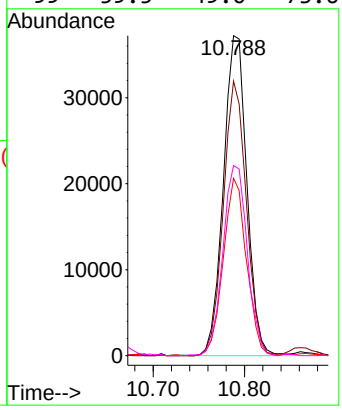




#55
1,1,2-Trichloroethane
Concen: 21.627 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 97 Resp: 6619

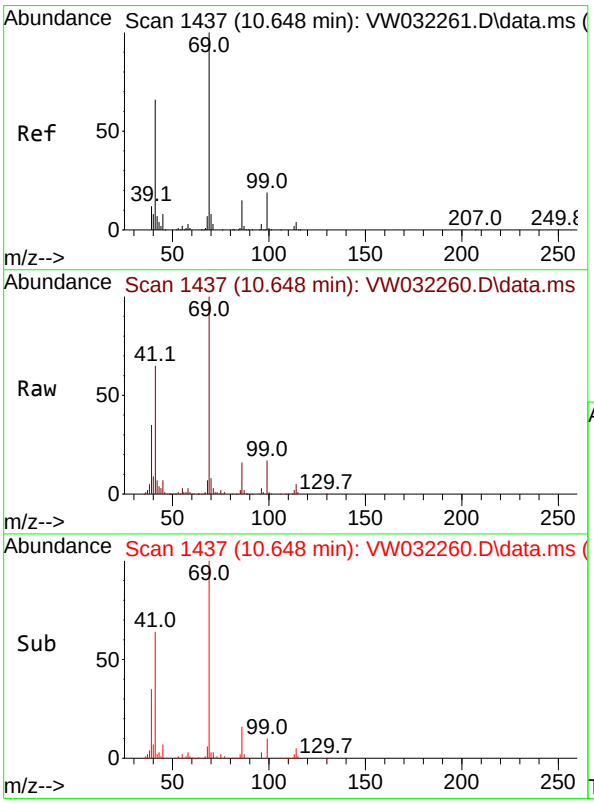
Ion	Ratio	Lower	Upper
97	100		
83	85.6	67.4	101.2
85	55.5	42.0	63.0
99	59.5	49.0	73.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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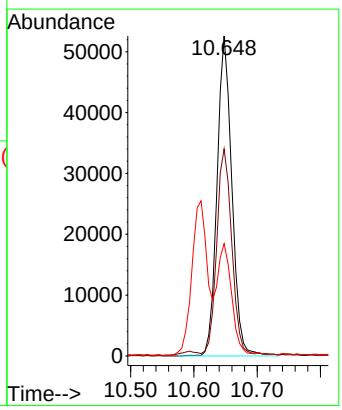
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

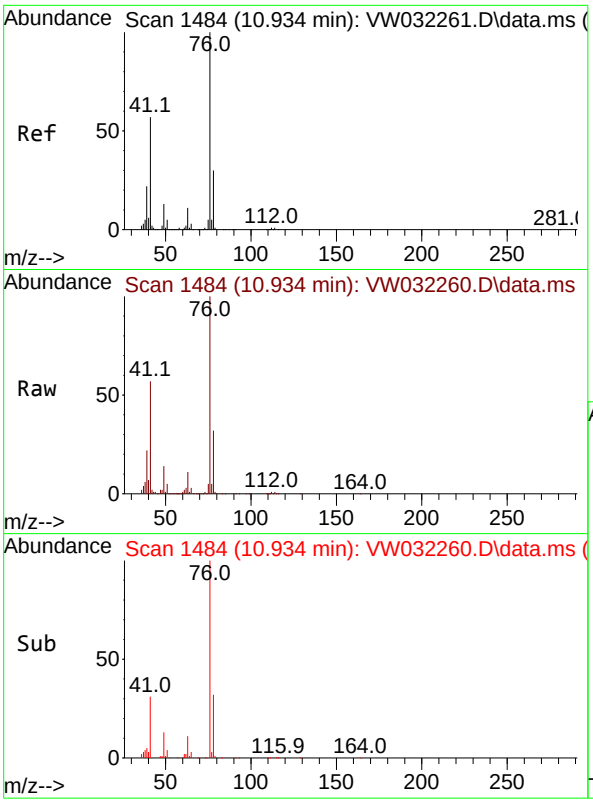


#56
Ethyl methacrylate
Concen: 21.163 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 69 Resp: 85321

Ion	Ratio	Lower	Upper
69	100		
41	65.5	54.7	82.1
39	32.7	26.3	39.5

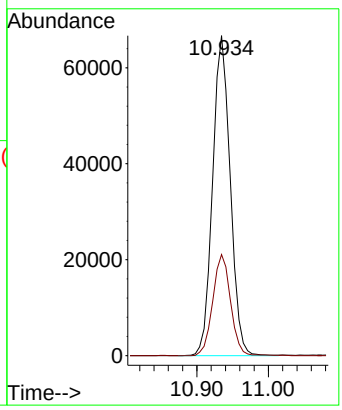




#57
1,3-Dichloropropane
Concen: 21.552 ug/l
RT: 10.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 76 Resp: 11395

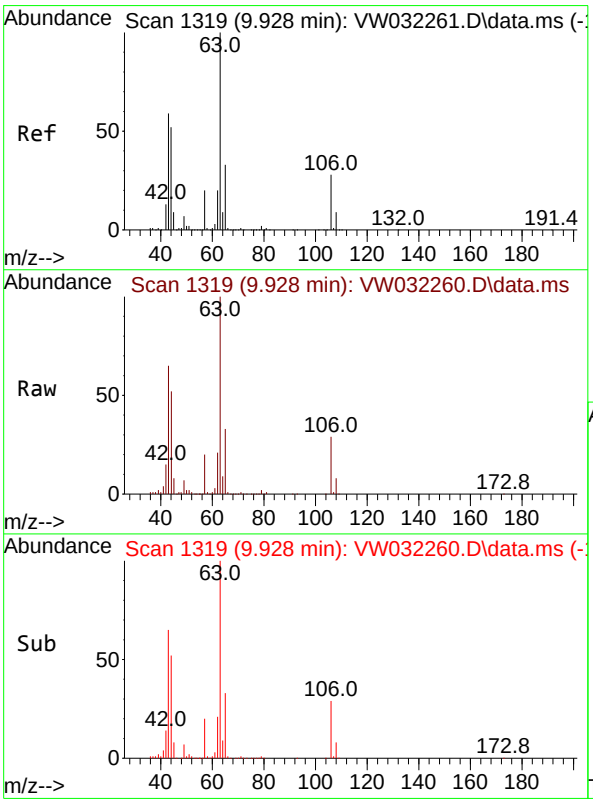
Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

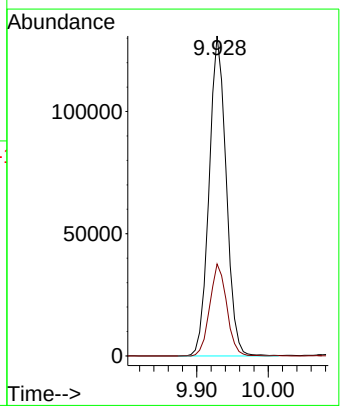
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

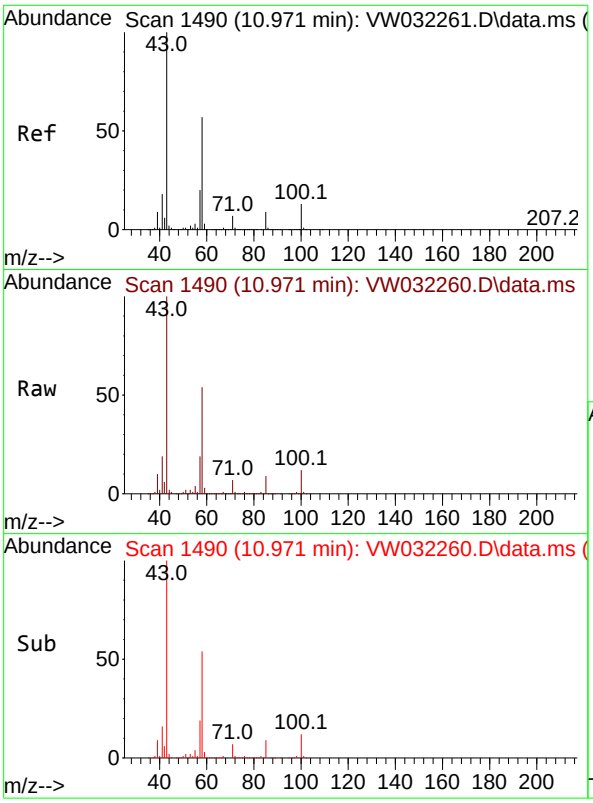


#58
2-Chloroethyl Vinyl ether
Concen: 98.444 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 63 Resp: 217872

Ion	Ratio	Lower	Upper
63	100		
106	28.5	22.5	33.7





#59
2-Hexanone
Concen: 109.212 ug/l
RT: 10.971 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

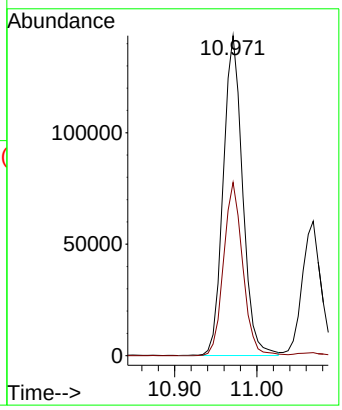
Tgt Ion: 43 Resp: 23485

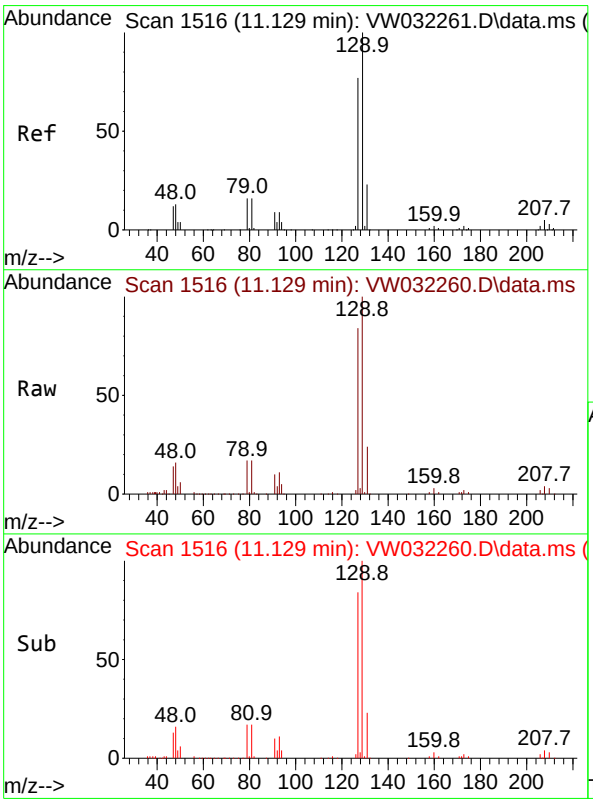
Ion	Ratio	Lower	Upper
43	100		
58	53.7	27.9	83.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

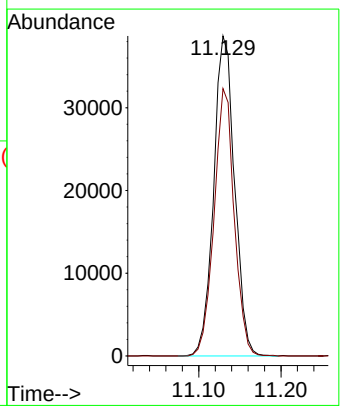


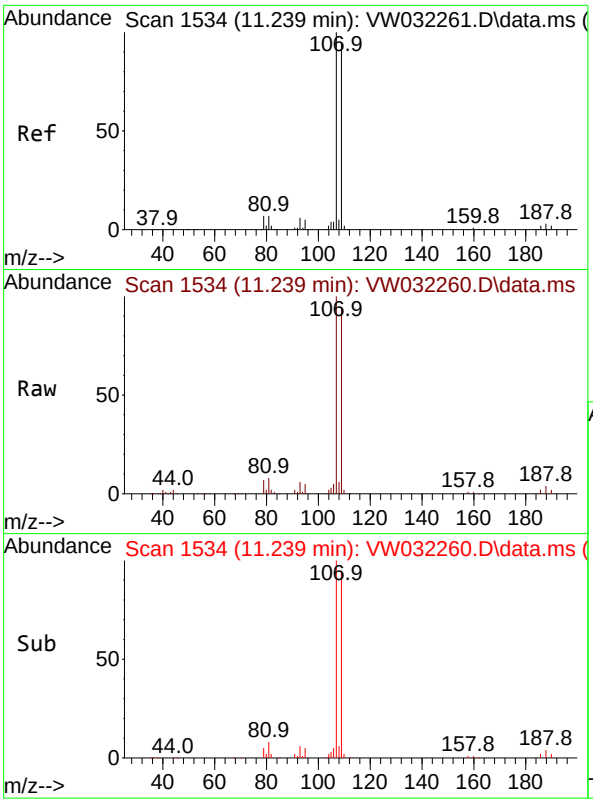


#60
Dibromochloromethane
Concen: 20.343 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:129 Resp: 68381

Ion	Ratio	Lower	Upper
129	100		
127	80.4	39.3	117.8

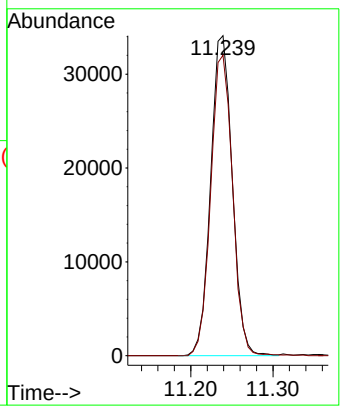




#61
1,2-Dibromoethane
Concen: 21.470 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:107 Resp: 6225

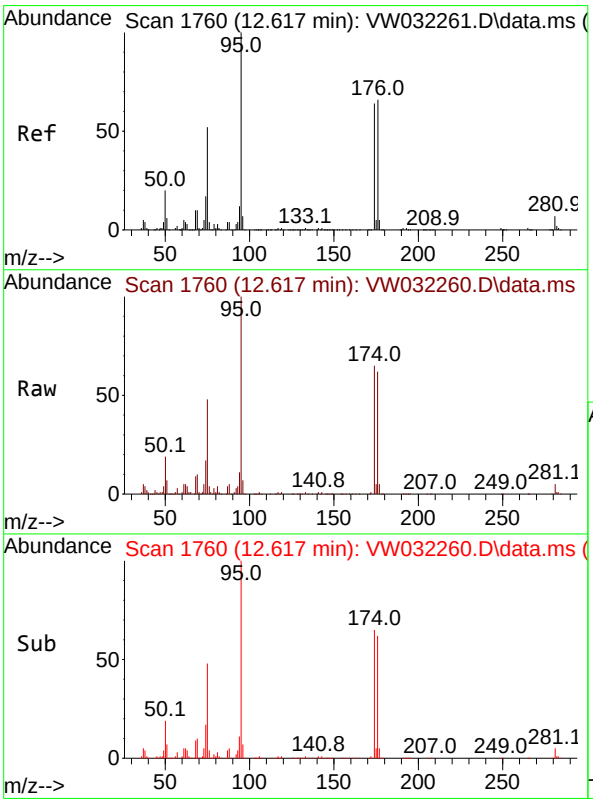
Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.1	111.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

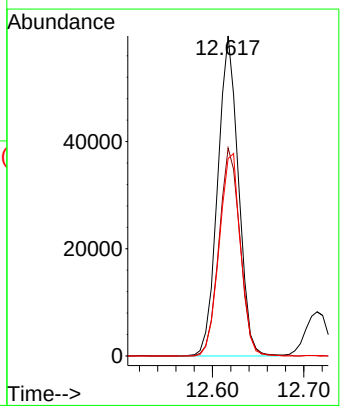
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

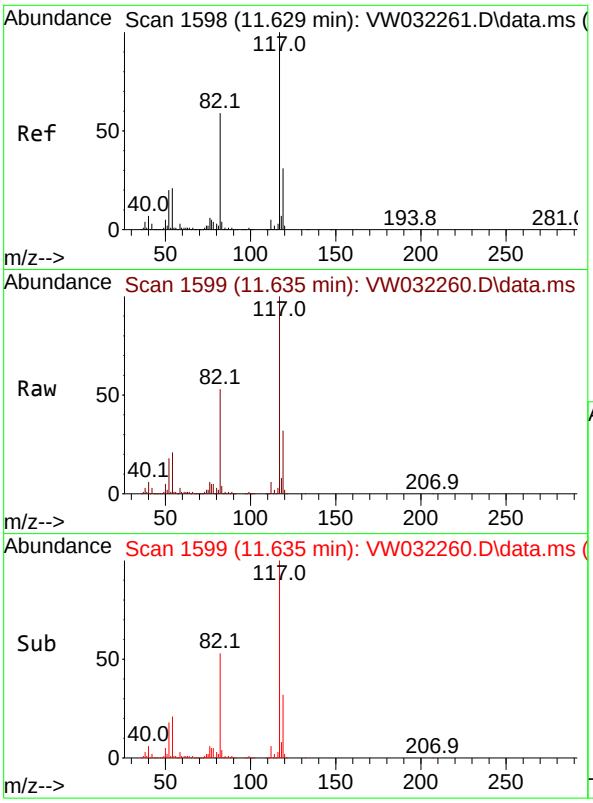


#62
4-Bromofluorobenzene
Concen: 20.891 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 95 Resp: 94235

Ion	Ratio	Lower	Upper
95	100		
174	66.0	0.0	130.6
176	65.0	0.0	127.0

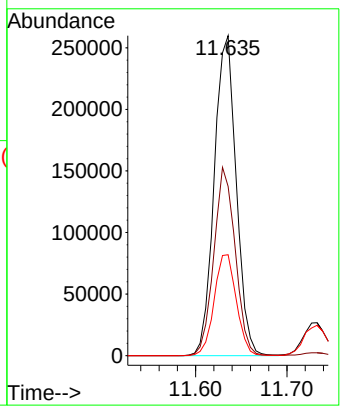




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:117 Resp: 43462

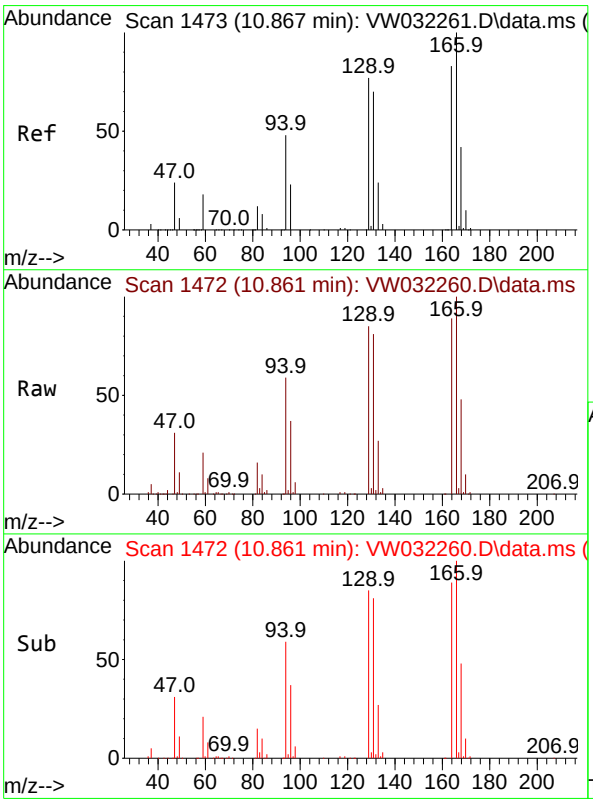
Ion	Ratio	Lower	Upper
117	100		
82	52.9	46.9	70.3
119	31.6	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

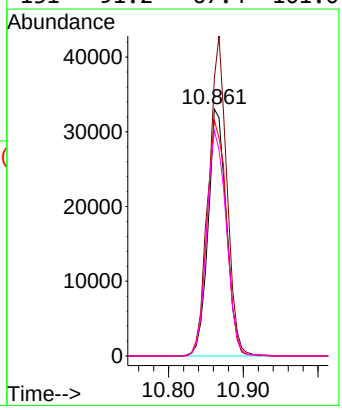
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

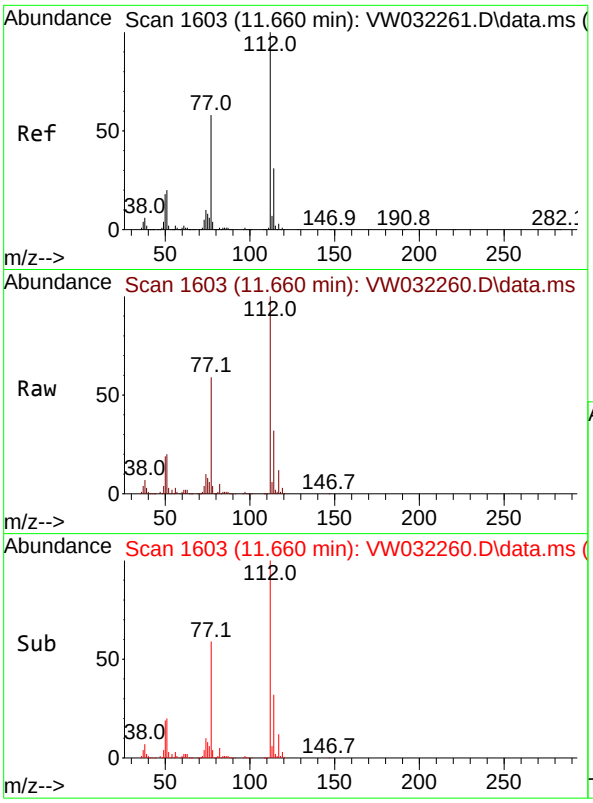


#64
Tetrachloroethene
Concen: 21.182 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:164 Resp: 56103

Ion	Ratio	Lower	Upper
164	100		
166	112.5	96.9	145.3
129	95.4	75.0	112.4
131	91.2	67.4	101.0

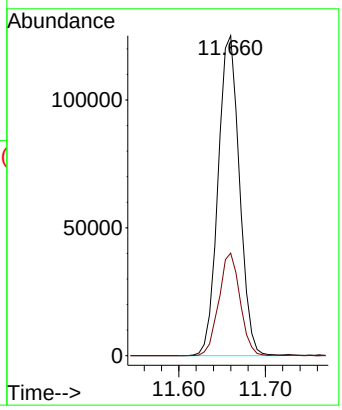




#65
Chlorobenzene
Concen: 21.430 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:112 Resp: 21453

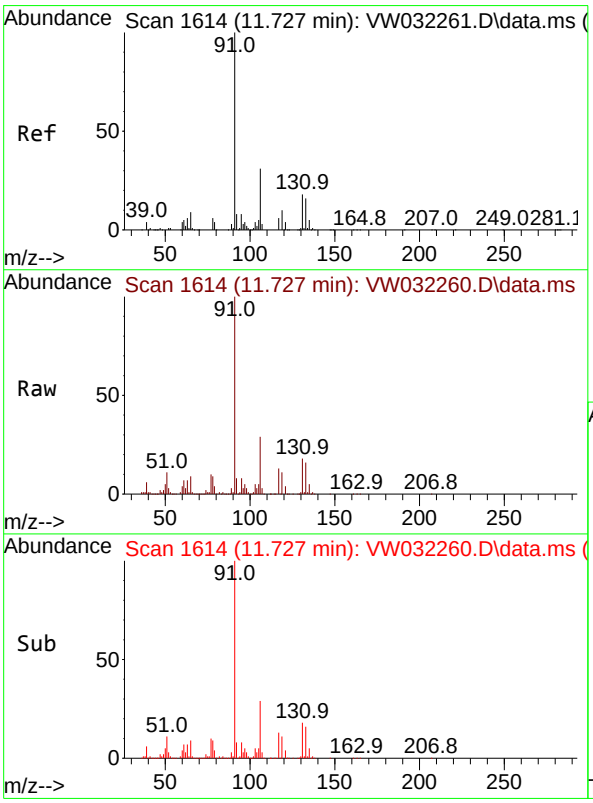
Ion	Ratio	Lower	Upper
112	100		
114	32.1	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

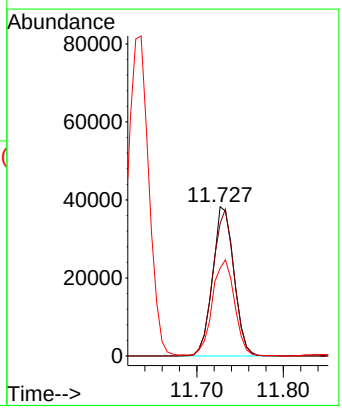
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

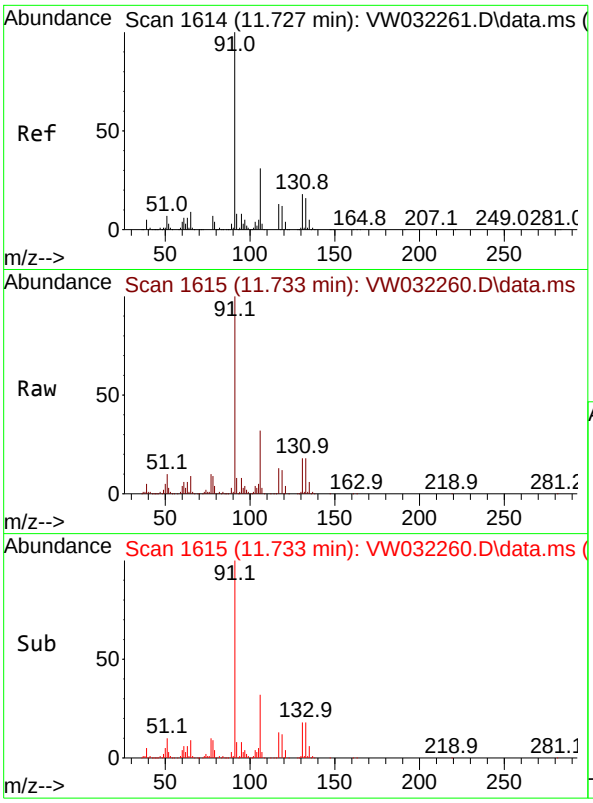


#66
1,1,1,2-Tetrachloroethane
Concen: 20.723 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:131 Resp: 65613

Ion	Ratio	Lower	Upper
131	100		
133	97.5	47.1	141.3
119	66.9	33.9	101.7

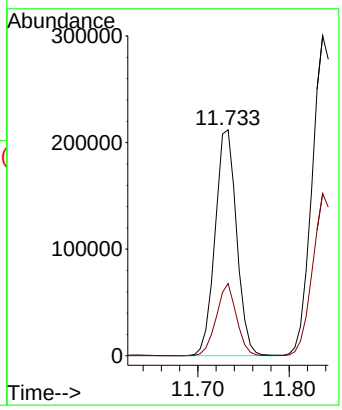




#67
Ethyl Benzene
Concen: 21.149 ug/l
RT: 11.733 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 91 Resp: 34656(

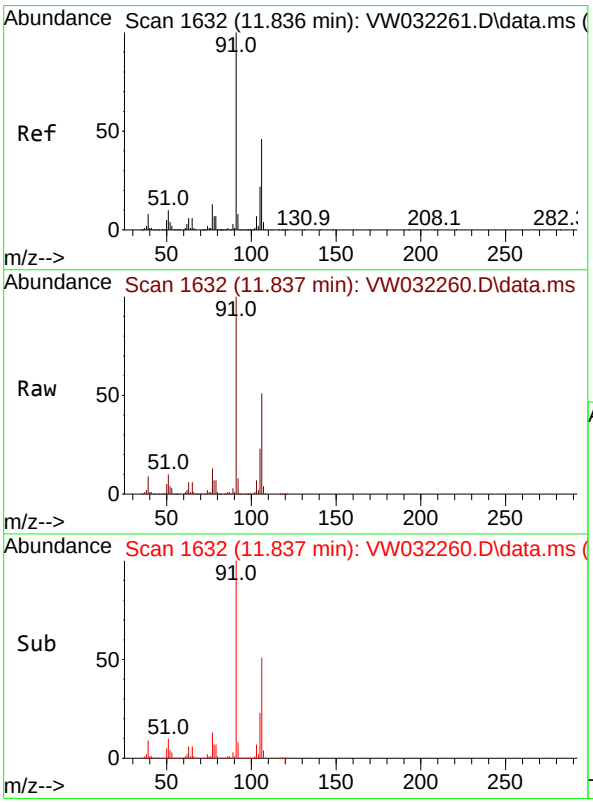
Ion	Ratio	Lower	Upper
91	100		
106	32.0	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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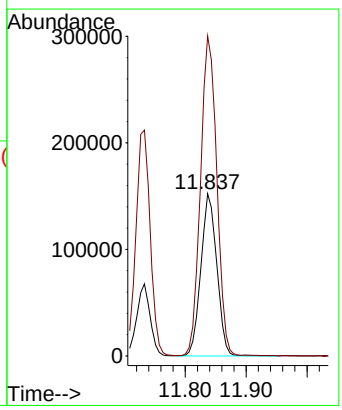
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

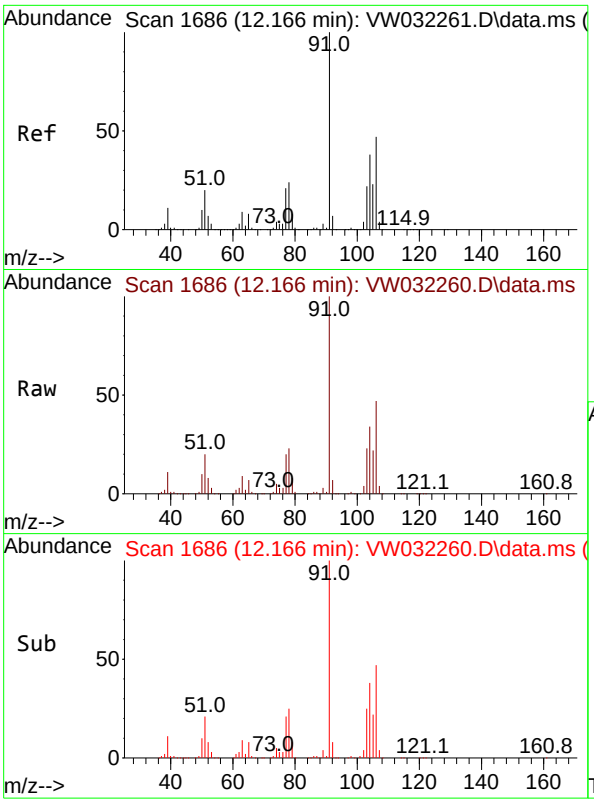


#68
m/p-Xylenes
Concen: 43.920 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:106 Resp: 275886

Ion	Ratio	Lower	Upper
106	100		
91	202.4	169.0	253.4





#69
o-Xylene
Concen: 20.927 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

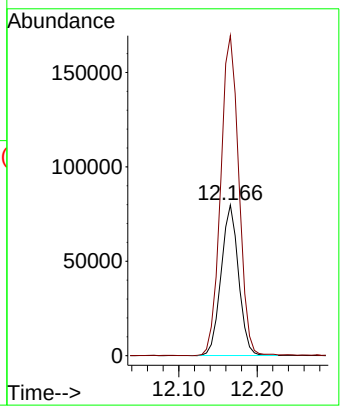
Tgt Ion:106 Resp: 12353

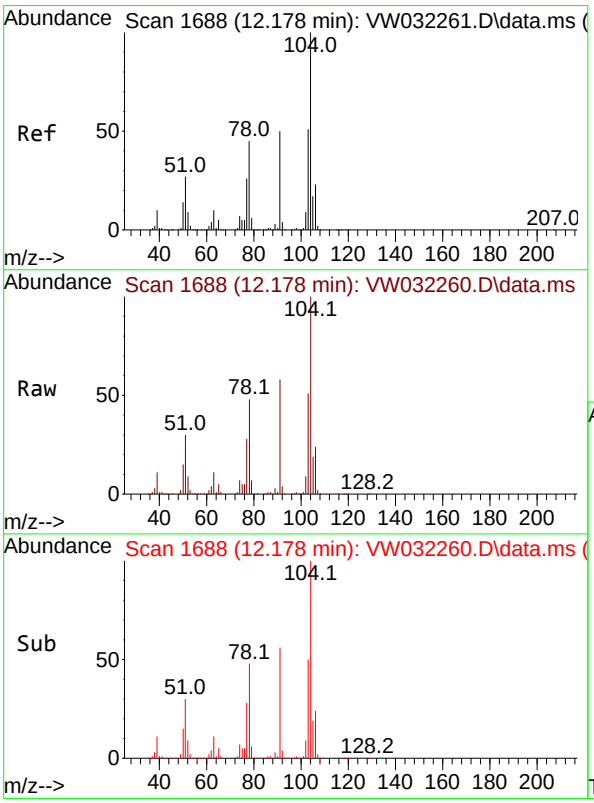
Ion	Ratio	Lower	Upper
106	100		
91	222.5	107.8	323.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

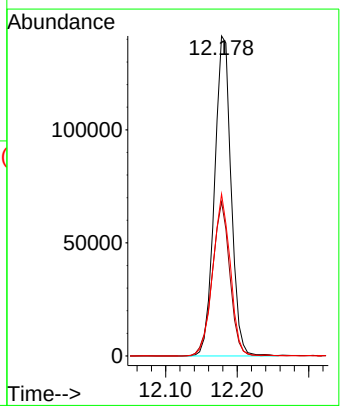


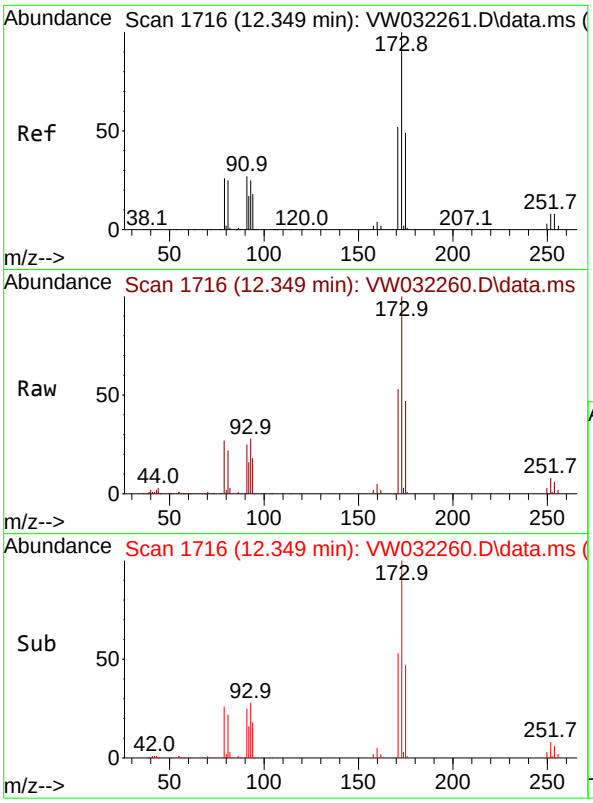


#70
Styrene
Concen: 22.084 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:104 Resp: 228628

Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.8	61.2
103	52.8	43.4	65.2

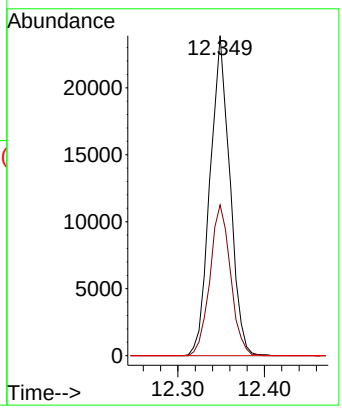




#71
Bromoform
Concen: 20.596 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:173 Resp: 3800

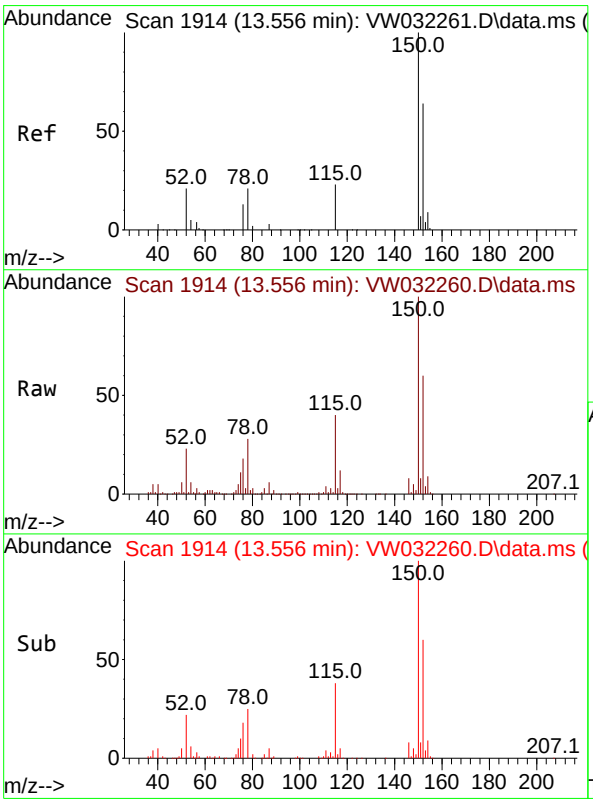
Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.1	69.2
254	0.0	0.1	0.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

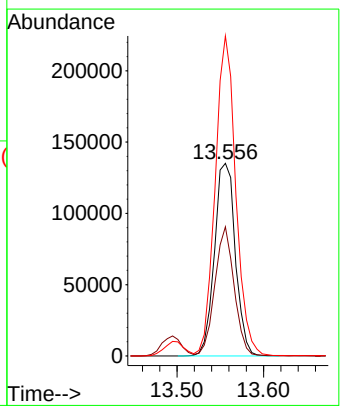
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

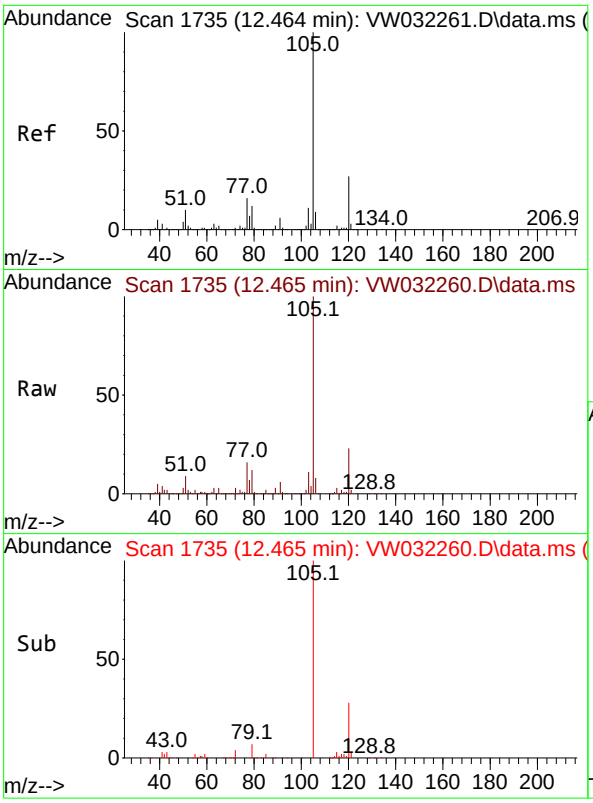


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:152 Resp: 226451

Ion	Ratio	Lower	Upper
152	100		
115	61.8	32.5	97.5
150	163.6	0.0	370.2

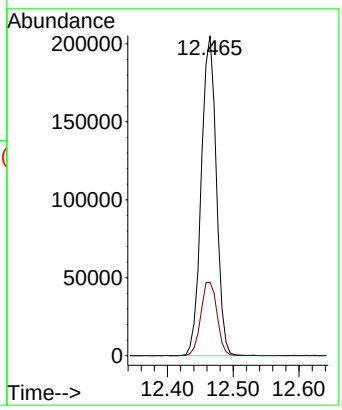




#73
Isopropylbenzene
Concen: 20.686 ug/l
RT: 12.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:105 Resp: 32604

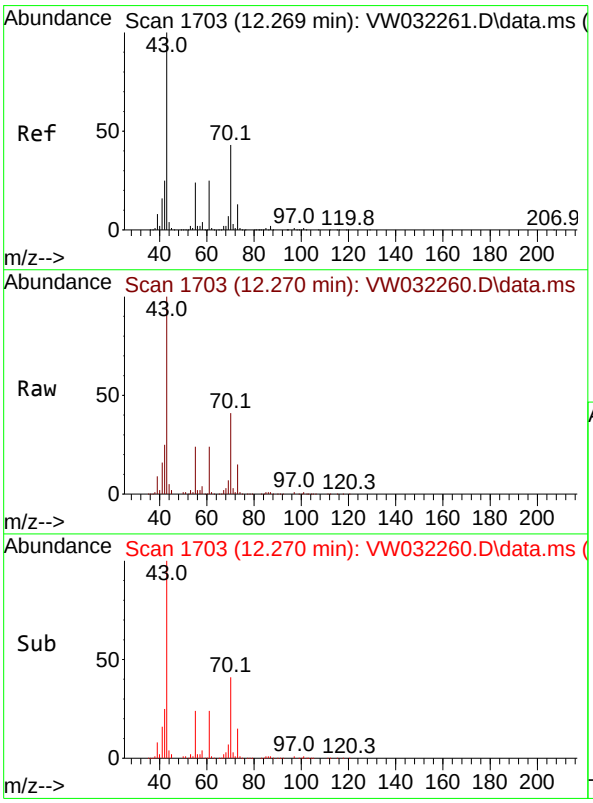
Ion	Ratio	Lower	Upper
105	100		
120	24.9	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

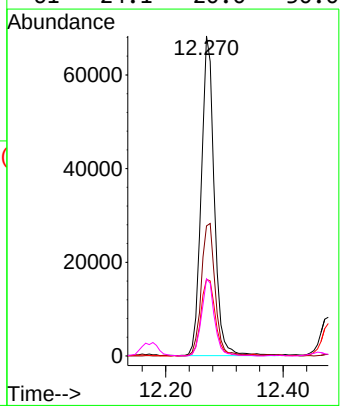
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

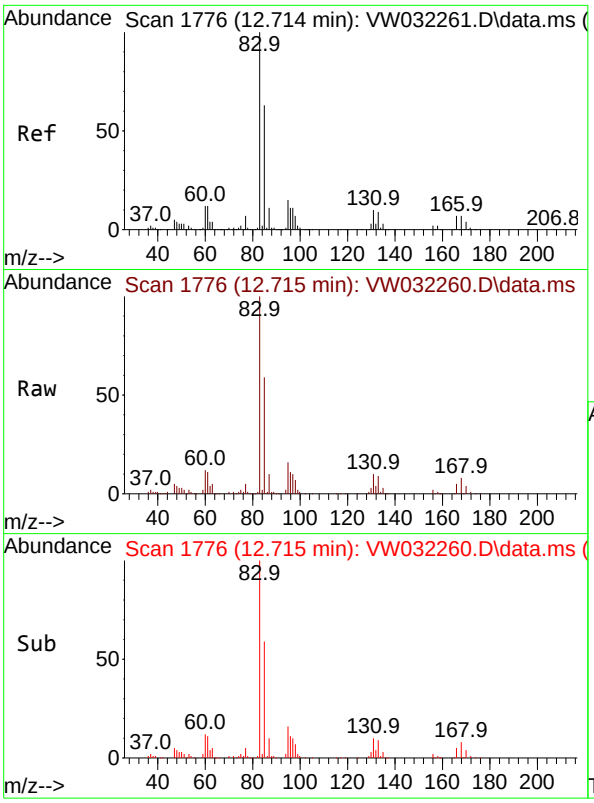


#74
N-amyl acetate
Concen: 21.142 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 43 Resp: 104936

Ion	Ratio	Lower	Upper
43	100		
70	44.2	35.0	52.4
55	26.8	20.6	31.0
61	24.1	20.0	30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.680 ug/l
RT: 12.715 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

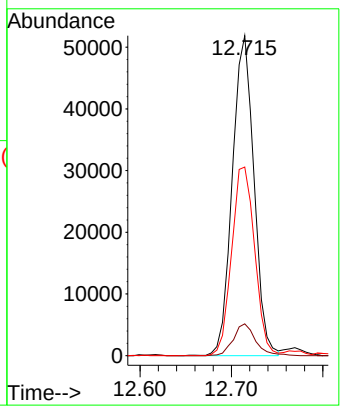
Tgt Ion: 83 Resp: 8545

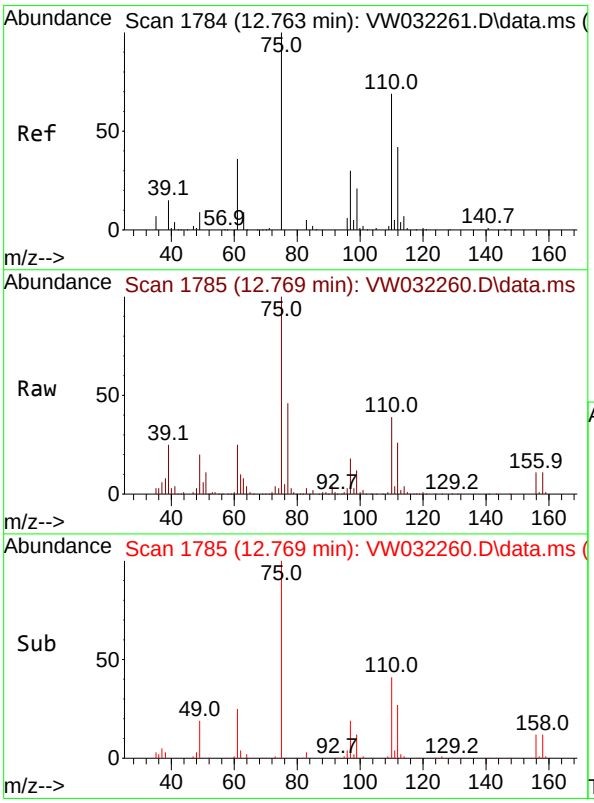
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.9	14.7
85	62.6	31.9	95.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

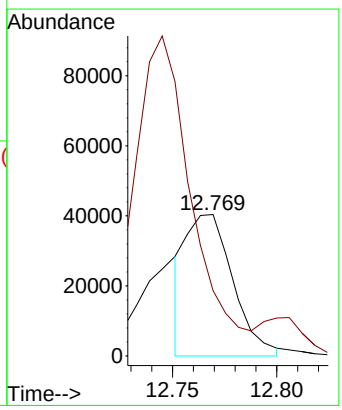


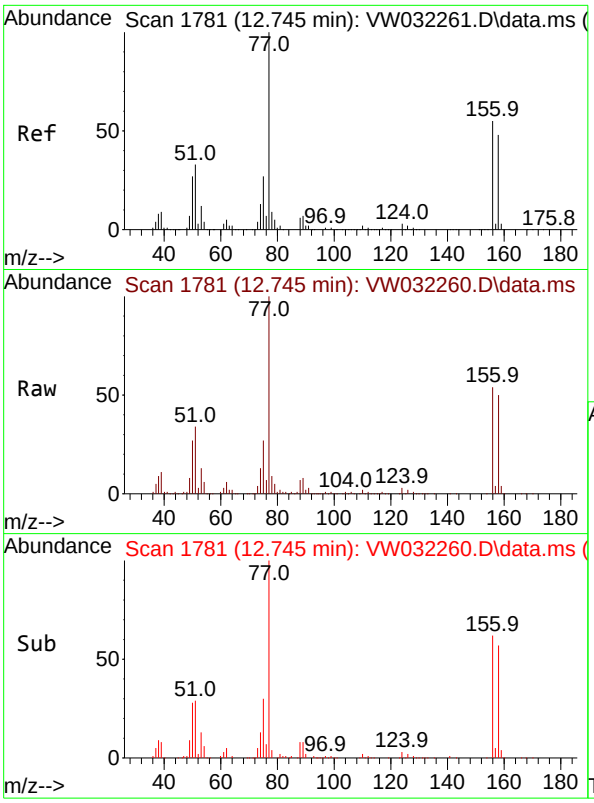


#76
1,2,3-Trichloropropane
Concen: 17.820 ug/l m
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 75 Resp: 63465

Ion	Ratio	Lower	Upper
75	100		
77	0.0	140.9	422.7#





#77
Bromobenzene
Concen: 20.291 ug/l
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

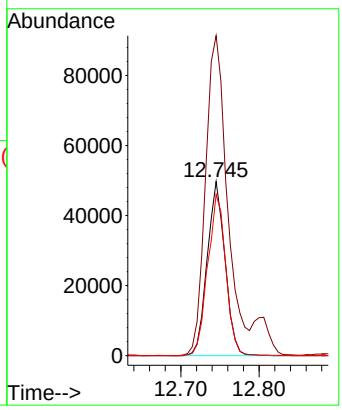
Tgt Ion:156 Resp: 7866

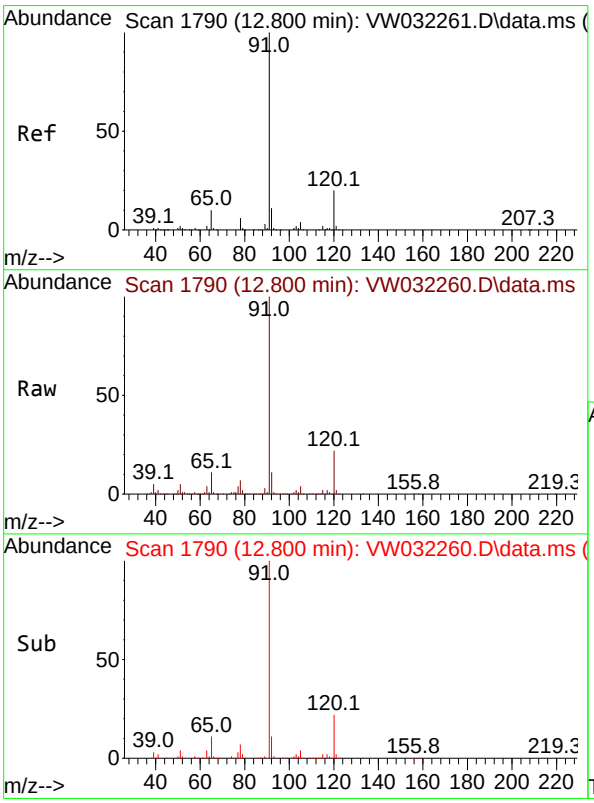
Ion	Ratio	Lower	Upper
156	100		
77	223.1	103.3	309.8
158	93.9	45.4	136.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

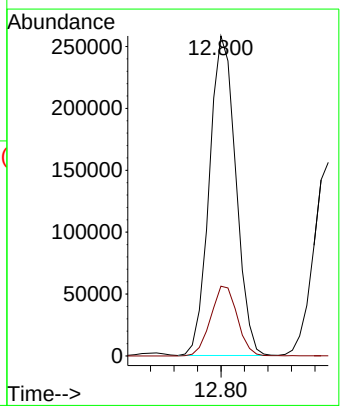


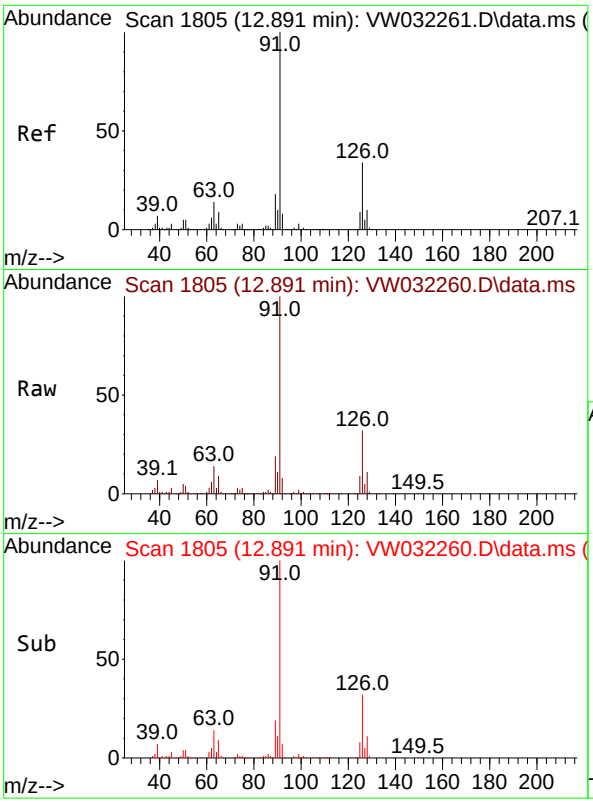


#78
n-propylbenzene
Concen: 20.432 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 91 Resp: 404504

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.9

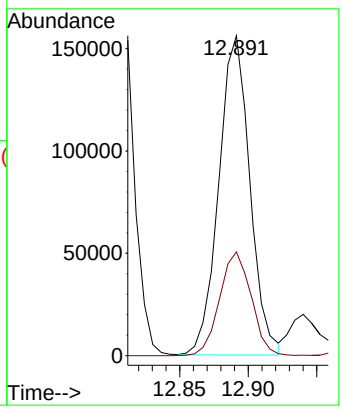




#79
2-Chlorotoluene
Concen: 20.510 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 91 Resp: 24597

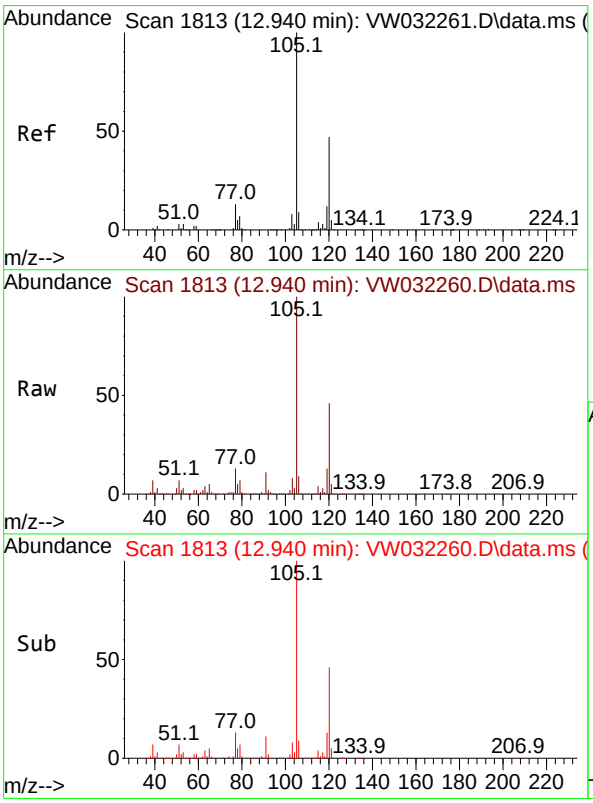
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.3	48.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
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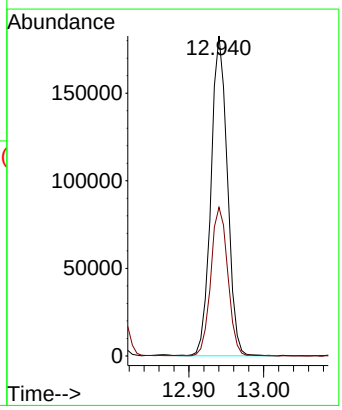
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

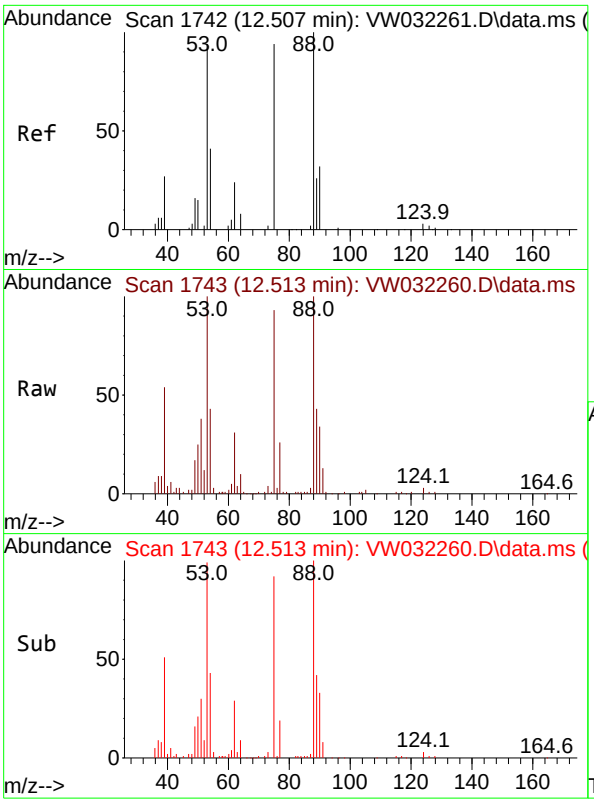


#80
1,3,5-Trimethylbenzene
Concen: 20.621 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:105 Resp: 277878

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.2

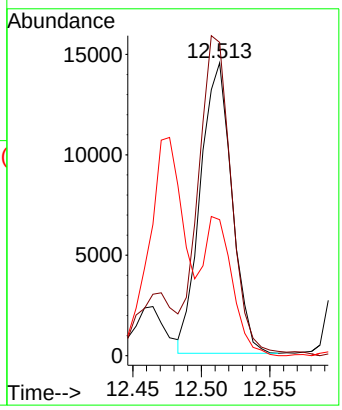




#81
trans-1,4-Dichloro-2-butene
Concen: 19.301 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 75 Resp: 2315

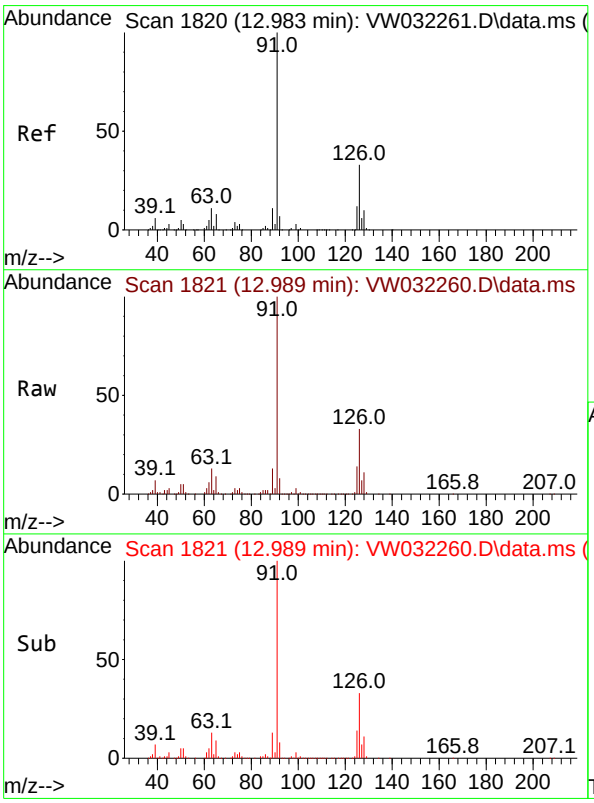
Ion	Ratio	Lower	Upper
75	100		
53	115.4	81.4	122.2
89	43.7	35.4	53.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

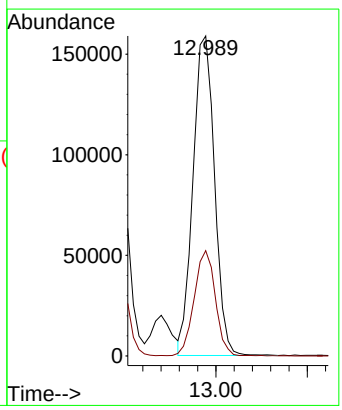
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

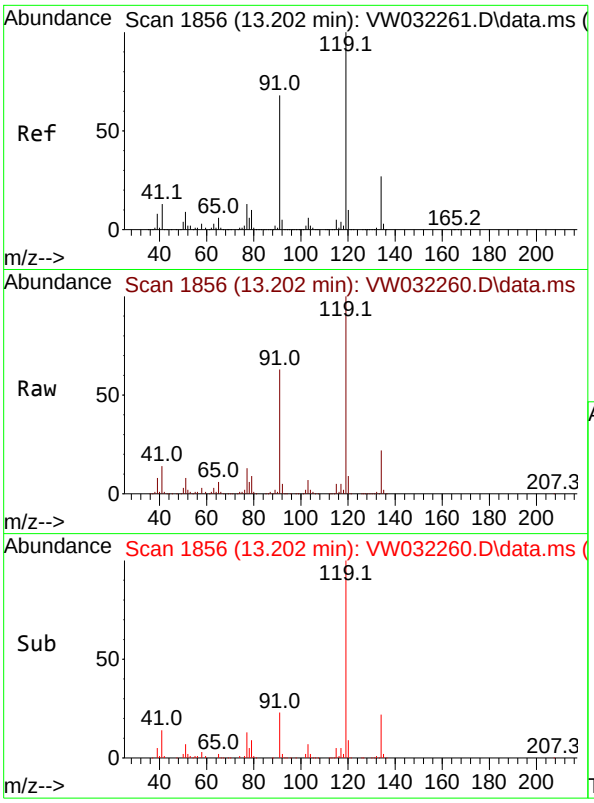


#82
4-Chlorotoluene
Concen: 20.491 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 91 Resp: 259722

Ion	Ratio	Lower	Upper
91	100		
126	32.3	16.5	49.5

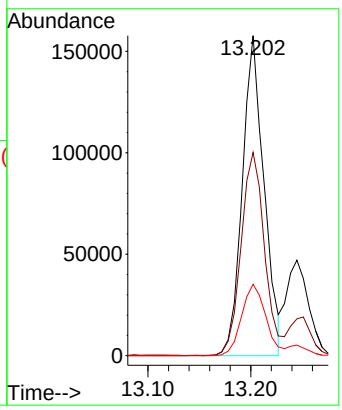




#83
tert-Butylbenzene
Concen: 20.565 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:119 Resp: 23176

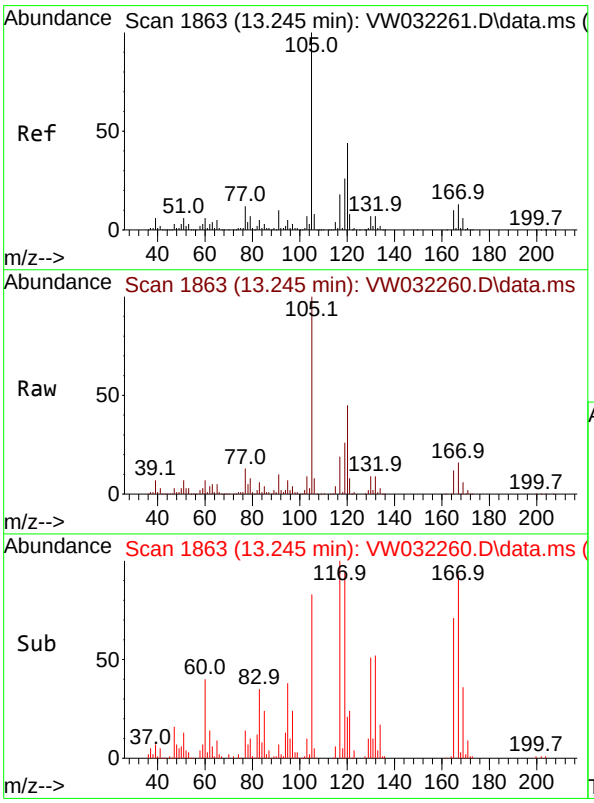
Ion	Ratio	Lower	Upper
119	100		
91	68.9	35.5	106.5
134	25.0	13.5	40.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

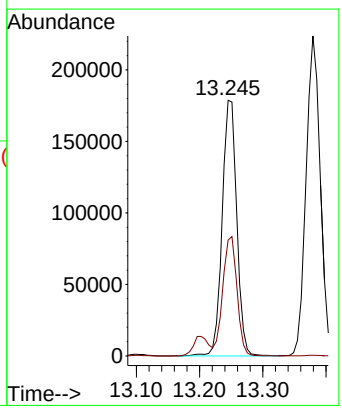
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

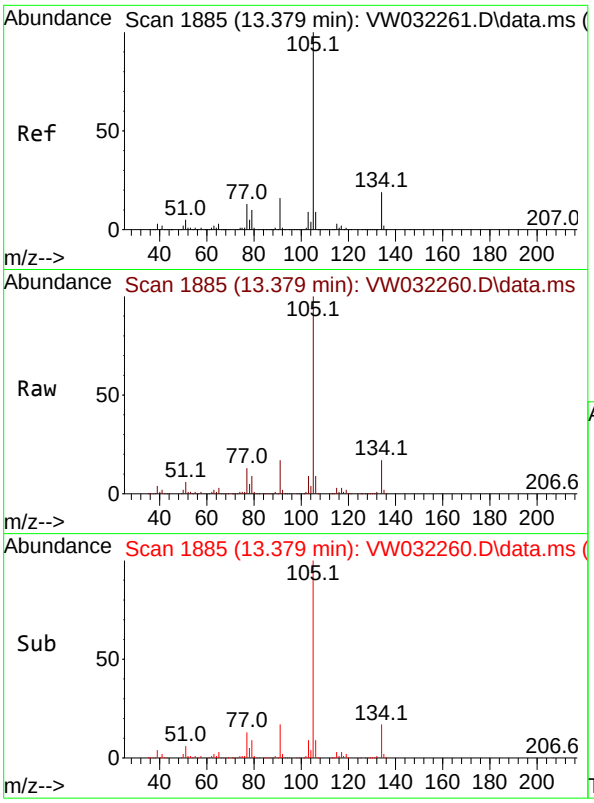


#84
1,2,4-Trimethylbenzene
Concen: 20.861 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:105 Resp: 285414

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3

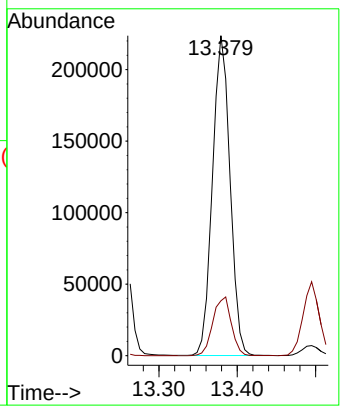




#85
sec-Butylbenzene
Concen: 20.611 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:105 Resp: 34879

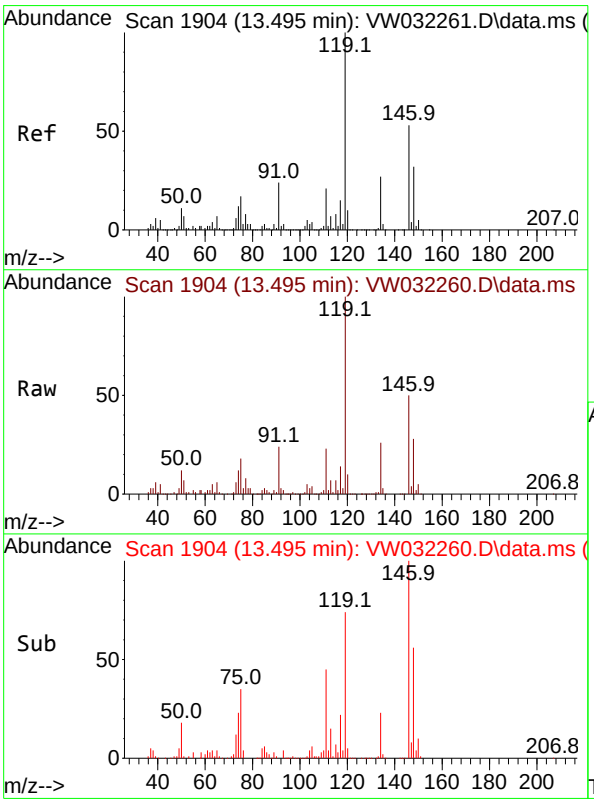
Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

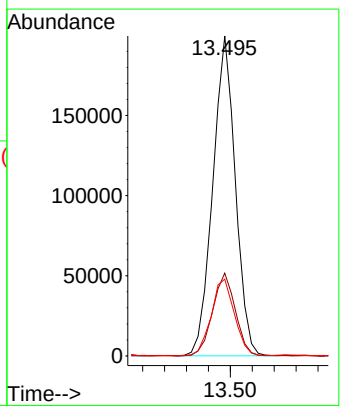
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

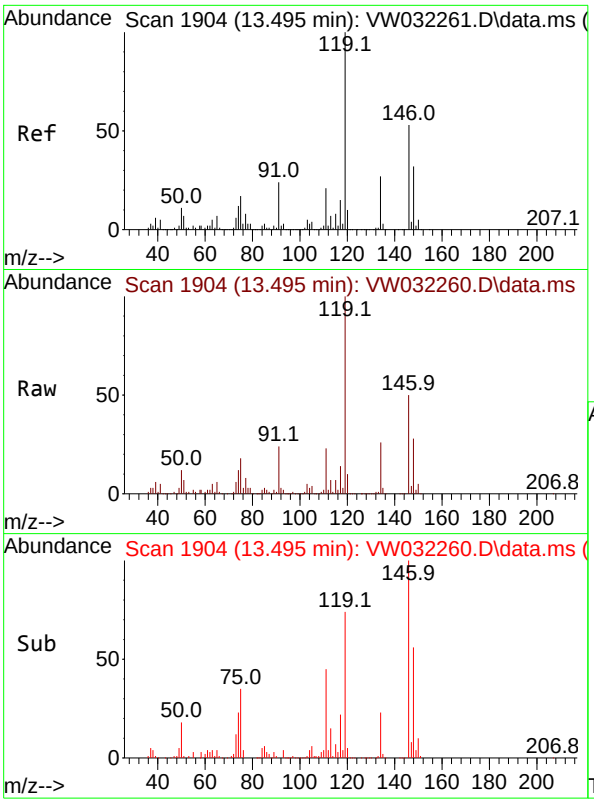


#86
p-Isopropyltoluene
Concen: 20.328 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:119 Resp: 284908

Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.5	37.5
91	24.7	12.1	36.3

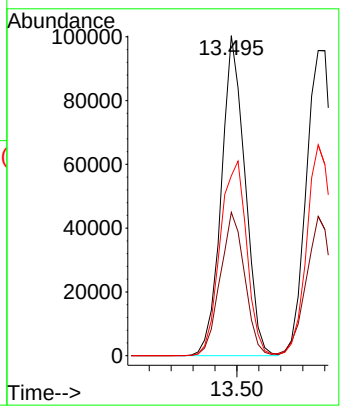




#87
1,3-Dichlorobenzene
Concen: 19.601 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:146 Resp: 15030

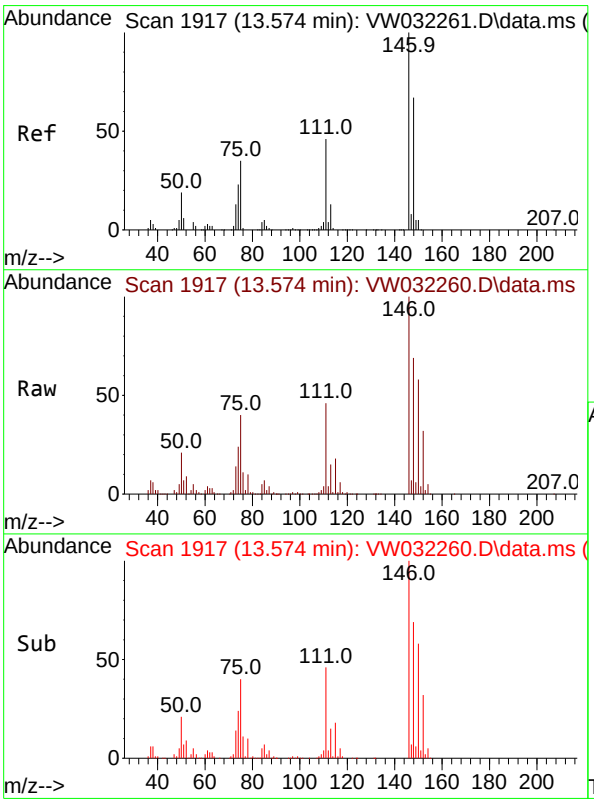
Ion	Ratio	Lower	Upper
146	100		
111	46.4	21.9	65.5
148	68.5	31.9	95.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

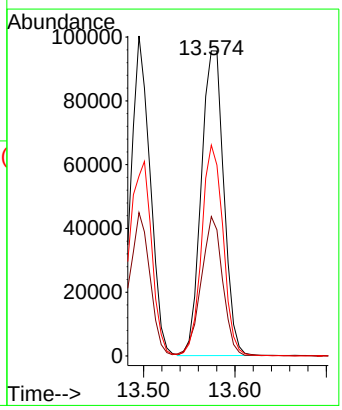
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

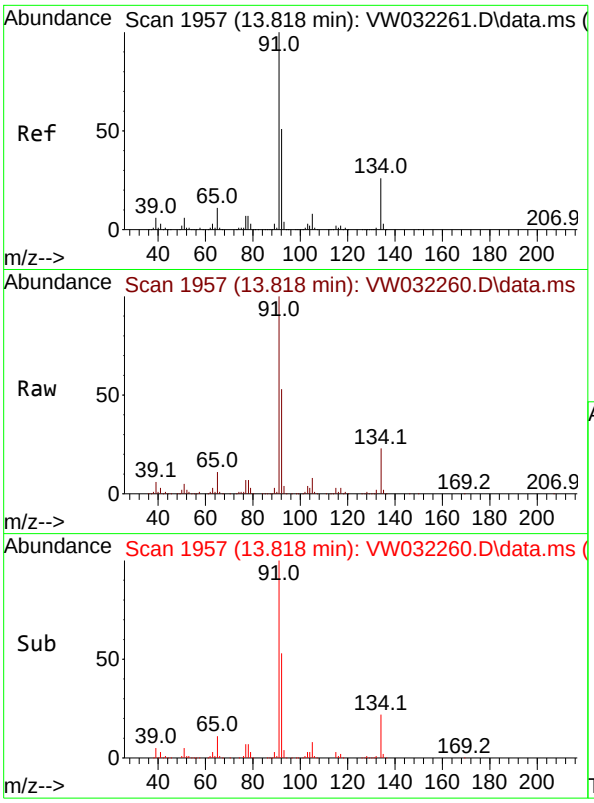


#88
1,4-Dichlorobenzene
Concen: 20.899 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:146 Resp: 163717

Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.4	67.2
148	65.7	34.4	103.1

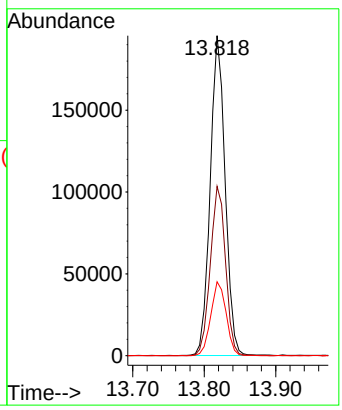




#89
n-Butylbenzene
Concen: 20.152 ug/l
RT: 13.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 91 Resp: 28344

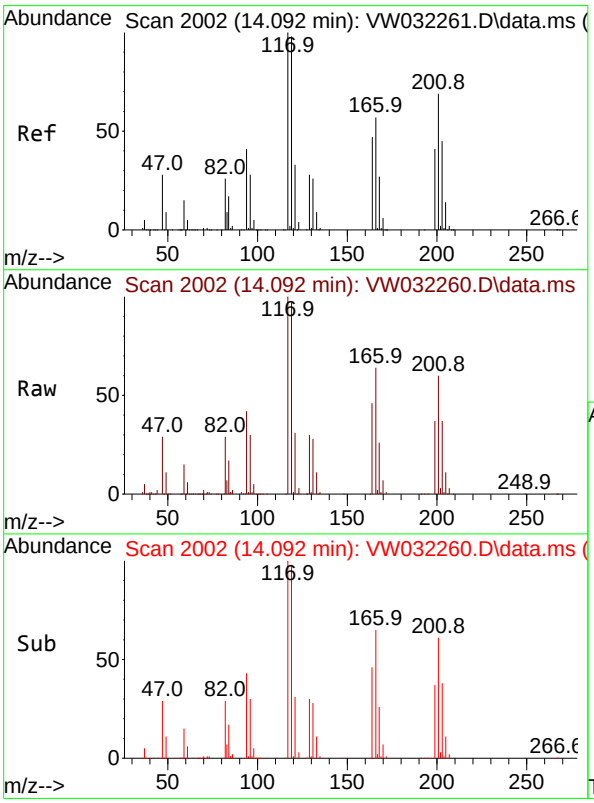
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.7	80.1
134	23.7	12.3	36.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

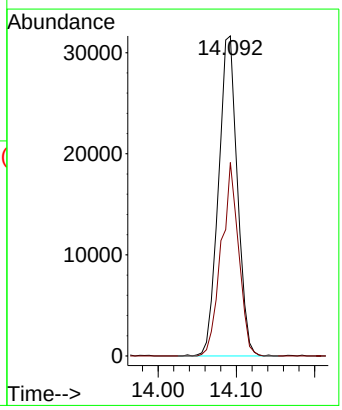
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

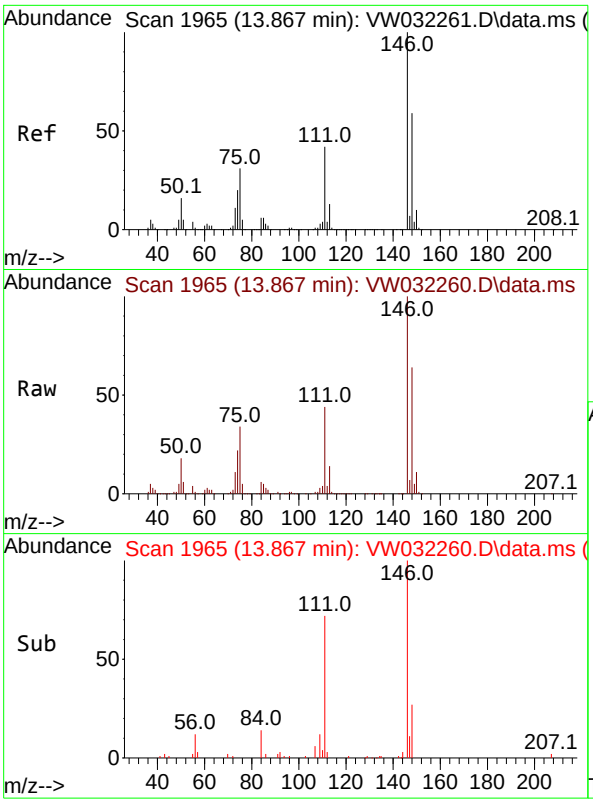


#90
Hexachloroethane
Concen: 20.318 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:117 Resp: 53076

Ion	Ratio	Lower	Upper
117	100		
201	55.7	31.4	94.0

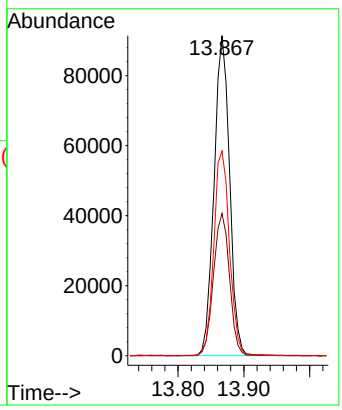




#91
1,2-Dichlorobenzene
Concen: 20.996 ug/l
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:146 Resp: 15061

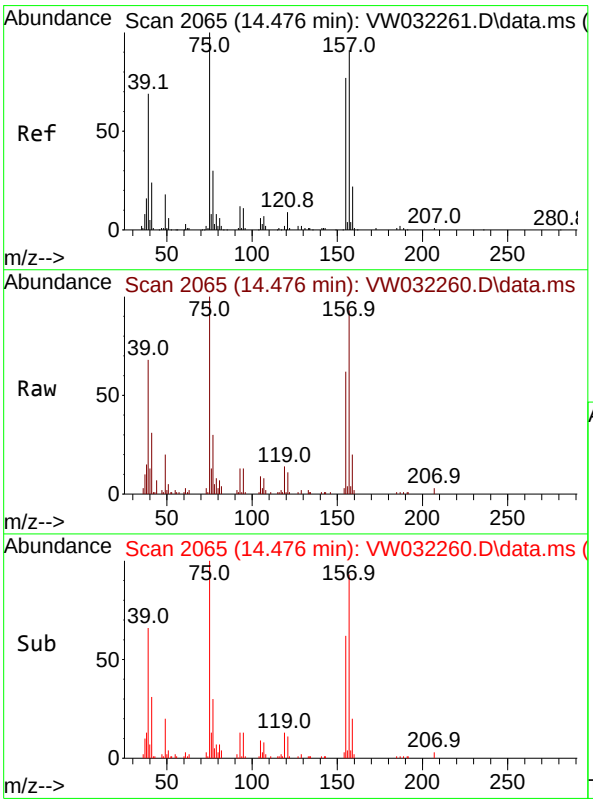
Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.9	65.8
148	64.3	31.9	95.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

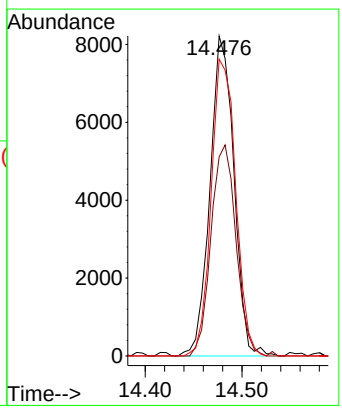
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

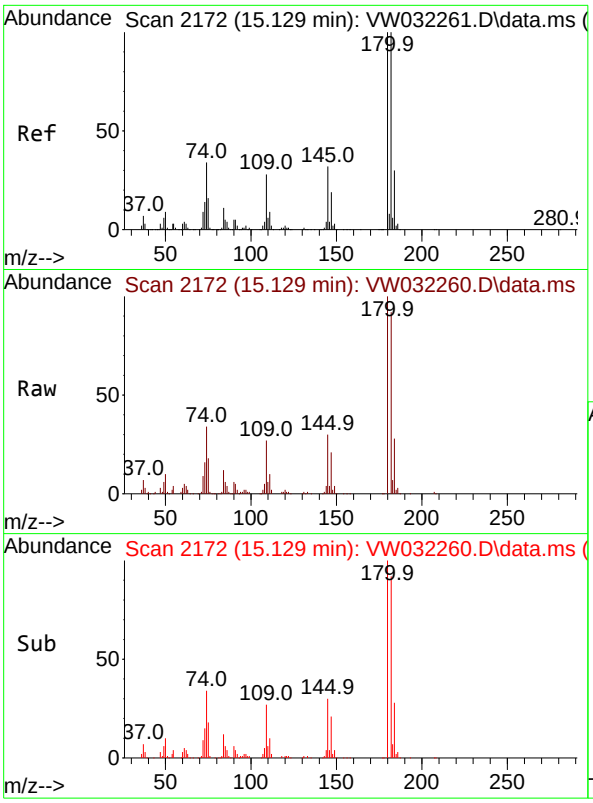


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.991 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion: 75 Resp: 14130

Ion	Ratio	Lower	Upper
75	100		
155	68.7	38.2	114.6
157	94.5	47.0	141.0

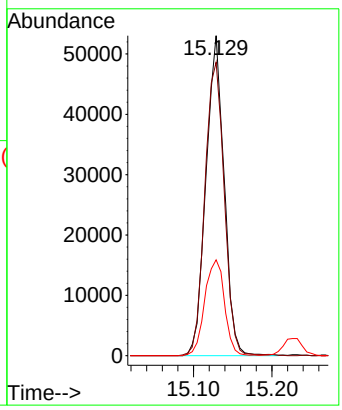




#93
1,2,4-Trichlorobenzene
Concen: 20.074 ug/l
RT: 15.129 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:180 Resp: 8542

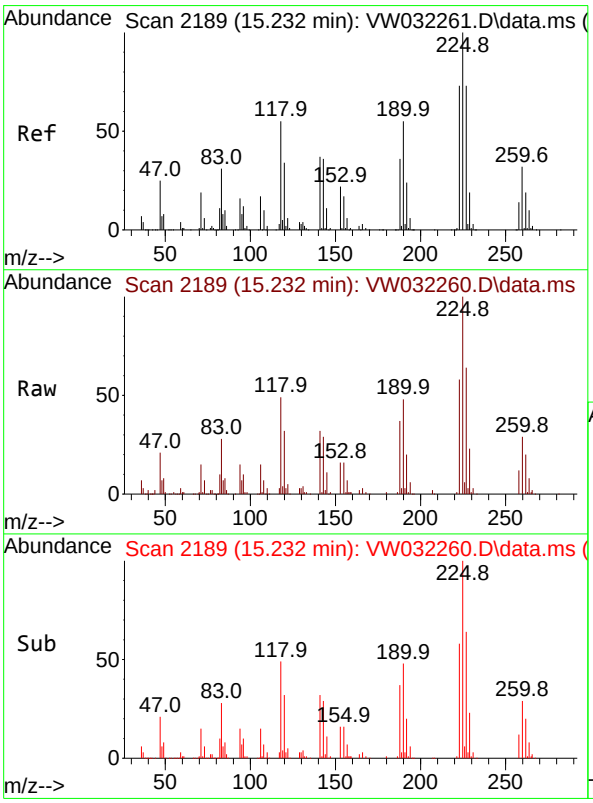
Ion	Ratio	Lower	Upper
180	100		
182	97.3	48.4	145.3
145	32.6	16.9	50.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

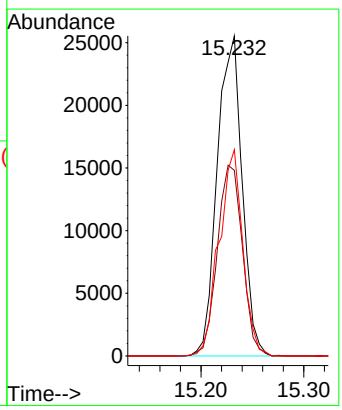
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

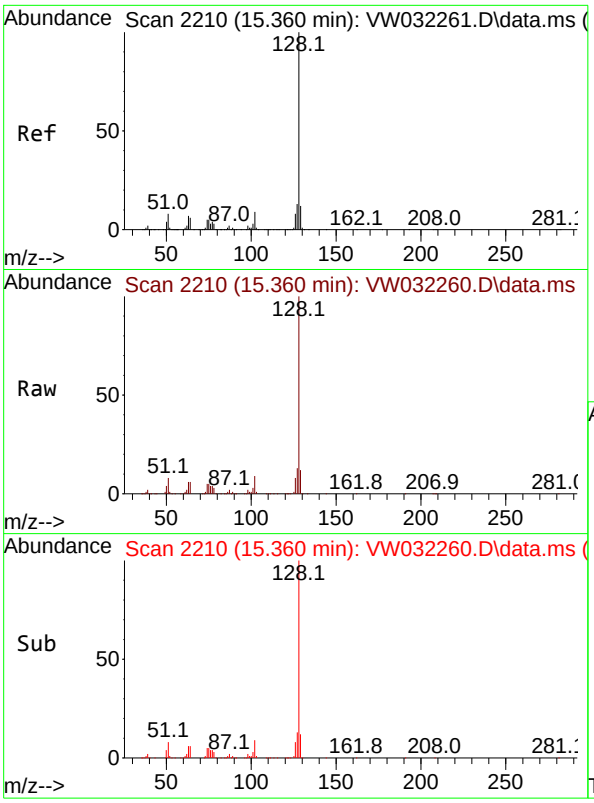


#94
Hexachlorobutadiene
Concen: 21.964 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:225 Resp: 42929

Ion	Ratio	Lower	Upper
225	100		
223	60.3	36.4	109.2
227	61.5	36.4	109.2

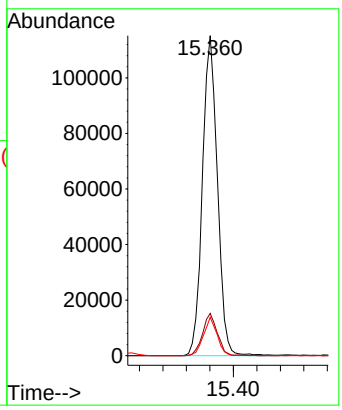




#95
Naphthalene
Concen: 19.971 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:128 Resp: 20398

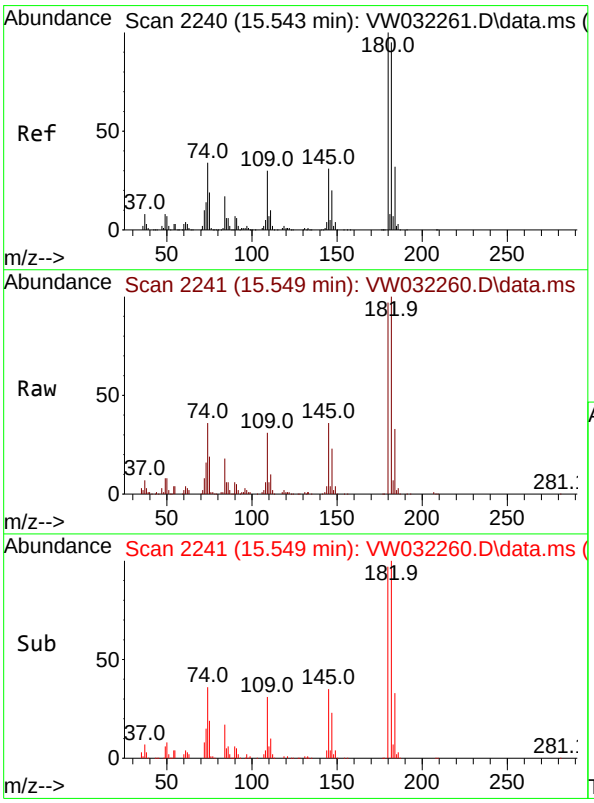
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	9.0	13.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED

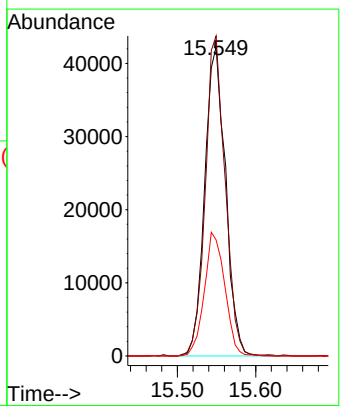
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.712 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032260.D
Acq: 25 Sep 2025 11:52

Tgt Ion:180 Resp: 78000

Ion	Ratio	Lower	Upper
180	100		
182	98.4	45.5	136.4
145	39.3	18.1	54.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	263419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	461173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	443387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	213560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	186598	44.863	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 89.720%			
35) Dibromofluoromethane	7.904	113	159800	48.182	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 96.360%			
50) Toluene-d8	10.325	98	577472	48.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 96.620%			
62) 4-Bromofluorobenzene	12.617	95	222382	49.323	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 98.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.039	85	77732	42.711	ug/l	100
3) Chloromethane	2.253	50	111388	42.767	ug/l	100
4) Vinyl Chloride	2.405	62	141381	46.459	ug/l	100
5) Bromomethane	2.820	94	96600	46.487	ug/l	100
6) Chloroethane	2.966	64	94674	45.912	ug/l	100
7) Trichlorofluoromethane	3.301	101	100937	44.021	ug/l	100
8) Diethyl Ether	3.716	74	96887	44.687	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	138524	47.331	ug/l	100
10) Methyl Iodide	4.301	142	187435	47.349	ug/l	100
11) Tert butyl alcohol	5.216	59	60028	207.913	ug/l	100
12) 1,1-Dichloroethene	4.076	96	145223	46.418	ug/l	100
13) Acrolein	3.929	56	118954	231.485	ug/l	100
14) Allyl chloride	4.698	41	231447	47.669	ug/l	100
15) Acrylonitrile	5.399	53	248561	222.601	ug/l	100
16) Acetone	4.161	43	215356	201.612	ug/l	100
17) Carbon Disulfide	4.417	76	331845	46.133	ug/l	100
18) Methyl Acetate	4.710	43	194479	52.938	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	282181	48.658	ug/l	100
20) Methylene Chloride	4.954	84	196832	51.165	ug/l	100
21) trans-1,2-Dichloroethene	5.453	96	159500	47.279	ug/l	100
22) Diisopropyl ether	6.337	45	527651	48.907	ug/l	100
23) Vinyl Acetate	6.283	43	1601259	230.704	ug/l	100
24) 1,1-Dichloroethane	6.246	63	324470	47.641	ug/l	100
25) 2-Butanone	7.191	43	332100	223.055	ug/l	100
26) 2,2-Dichloropropane	7.185	77	157515	46.933	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	200886	47.877	ug/l	100
28) Bromochloromethane	7.526	49	155192	47.753	ug/l #	100
29) Tetrahydrofuran	7.551	42	218311	225.860	ug/l	100
30) Chloroform	7.691	83	338865	47.686	ug/l	100
31) Cyclohexane	7.971	56	240167	44.720	ug/l	100
32) 1,1,1-Trichloroethane	7.886	97	230079	48.061	ug/l	100
36) 1,1-Dichloropropene	8.093	75	222842	49.836	ug/l	100
37) Ethyl Acetate	7.276	43	138317	46.641	ug/l	100
38) Carbon Tetrachloride	8.087	117	206044	48.978	ug/l	100
39) Methylcyclohexane	9.343	83	262496	50.734	ug/l	100
40) Benzene	8.331	78	699089	49.669	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.502	41	81434	47.946 ug/l	100
42) 1,2-Dichloroethane	8.410	62	224207	47.924 ug/l	100
43) Isopropyl Acetate	8.435	43	252816	47.624 ug/l	100
44) Trichloroethene	9.099	130	159555	48.499 ug/l	100
45) 1,2-Dichloropropane	9.373	63	181112	49.683 ug/l	100
46) Dibromomethane	9.465	93	108241	48.295 ug/l	100
47) Bromodichloromethane	9.648	83	257273	50.329 ug/l	100
48) Methyl methacrylate	9.441	41	123924	49.620 ug/l	100
49) 1,4-Dioxane	9.465	88	30020	1000.100 ug/l #	100
51) 4-Methyl-2-Pentanone	10.215	43	747705	237.557 ug/l	100
52) Toluene	10.386	92	432072	49.529 ug/l	100
53) t-1,3-Dichloropropene	10.611	75	234010	49.964 ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	272276	50.355 ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	145639	47.606 ug/l	100
56) Ethyl methacrylate	10.648	69	201819	50.082 ug/l	100
57) 1,3-Dichloropropane	10.934	76	262086	49.590 ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	581038	262.662 ug/l	100
59) 2-Hexanone	10.971	43	518965	241.448 ug/l	100
60) Dibromochloromethane	11.129	129	170115	50.633 ug/l	100
61) 1,2-Dibromoethane	11.239	107	141919	48.966 ug/l	100
64) Tetrachloroethene	10.867	164	133631	49.455 ug/l	100
65) Chlorobenzene	11.660	112	499320	48.890 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.727	131	159711	49.447 ug/l	100
67) Ethyl Benzene	11.727	91	834567	49.923 ug/l	100
68) m/p-Xylenes	11.836	106	639320	99.765 ug/l	100
69) o-Xylene	12.166	106	312144	51.830 ug/l	100
70) Styrene	12.178	104	552922	52.353 ug/l	100
71) Bromoform	12.349	173	93158	49.493 ug/l #	100
73) Isopropylbenzene	12.464	105	791099	53.222 ug/l	100
74) N-amyl acetate	12.269	43	231039	49.357 ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.714	83	189180	48.542 ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	141938m	42.260 ug/l	
77) Bromobenzene	12.745	156	195785	53.552 ug/l	100
78) n-propylbenzene	12.800	91	1000628	53.593 ug/l	100
79) 2-Chlorotoluene	12.891	91	592976	52.428 ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	678131	53.361 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	57637	50.954 ug/l	100
82) 4-Chlorotoluene	12.983	91	625344	52.316 ug/l	100
83) tert-Butylbenzene	13.202	119	558898	52.587 ug/l	100
84) 1,2,4-Trimethylbenzene	13.245	105	683724	52.990 ug/l	100
85) sec-Butylbenzene	13.379	105	851810	53.372 ug/l	100
86) p-Isopropyltoluene	13.495	119	721846	54.612 ug/l	100
87) 1,3-Dichlorobenzene	13.495	146	371057	51.310 ug/l	100
88) 1,4-Dichlorobenzene	13.574	146	357426	48.381 ug/l	100
89) n-Butylbenzene	13.818	91	706203	53.238 ug/l	100
90) Hexachloroethane	14.092	117	122891	49.885 ug/l	100
91) 1,2-Dichlorobenzene	13.867	146	348041	51.447 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.476	75	30775	46.167 ug/l	100
93) 1,2,4-Trichlorobenzene	15.129	180	204990	51.077 ug/l	100
94) Hexachlorobutadiene	15.232	225	83590	45.350 ug/l	100
95) Naphthalene	15.360	128	494973	51.385 ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	190435	51.031 ug/l	100

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

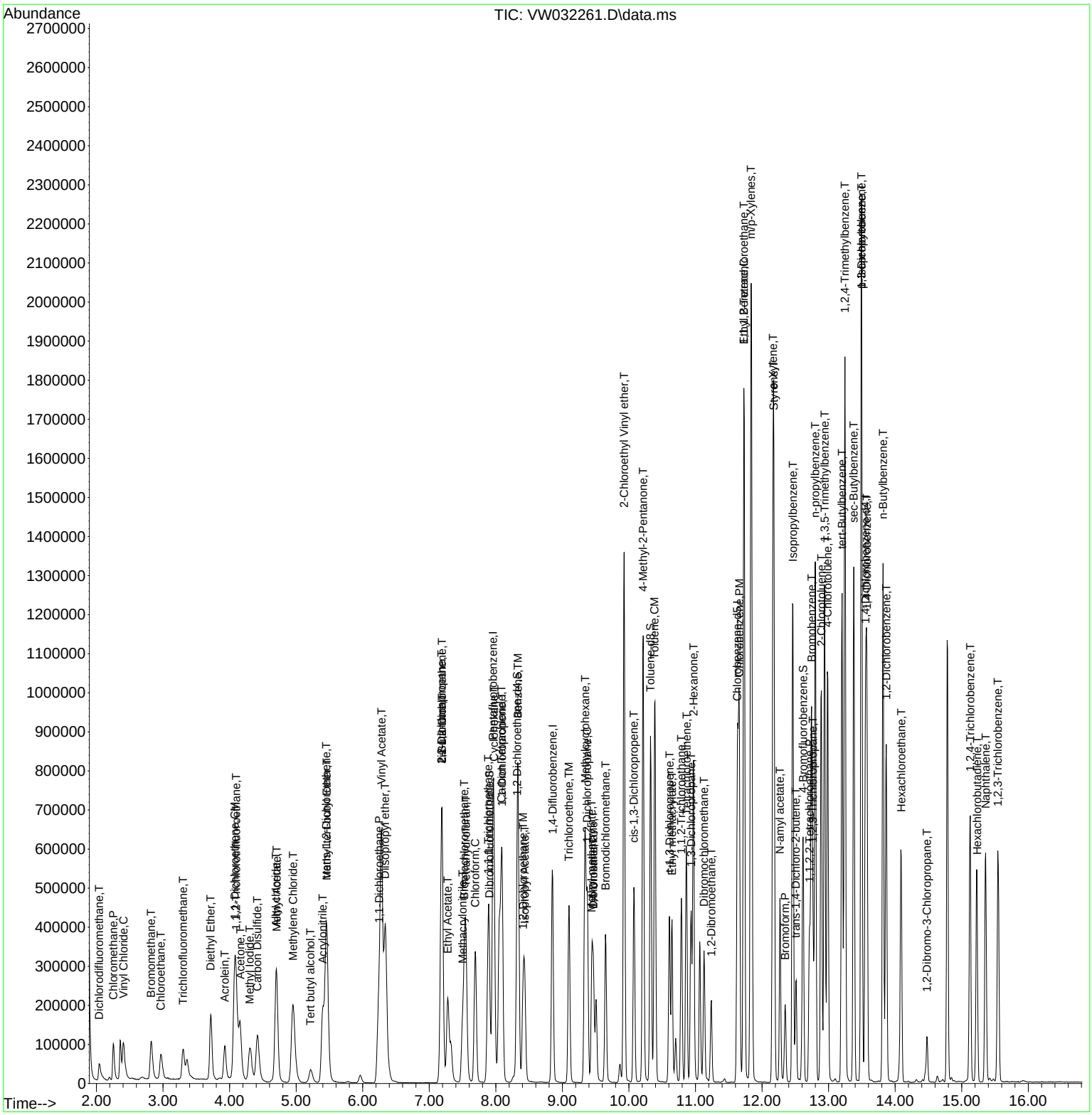
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032261.D
Acq On : 25 Sep 2025 12:24
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

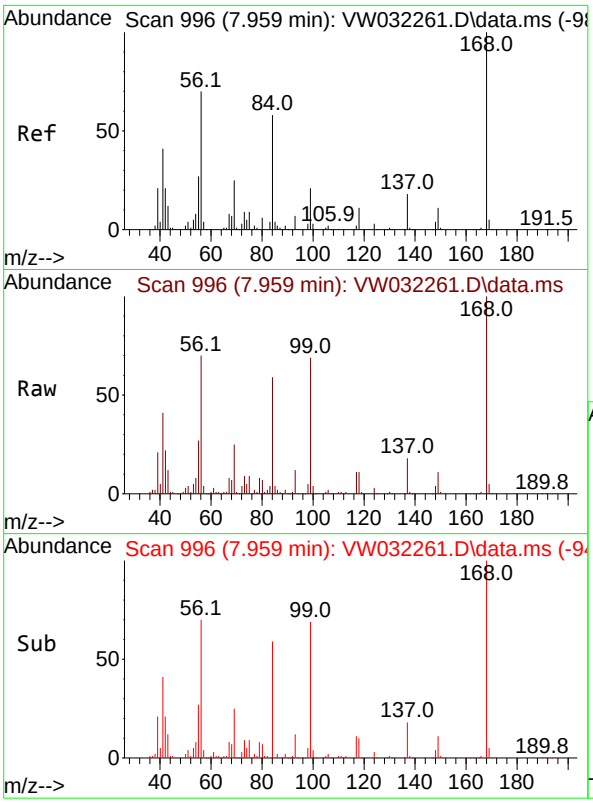
Quant Time: Sep 26 06:49:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

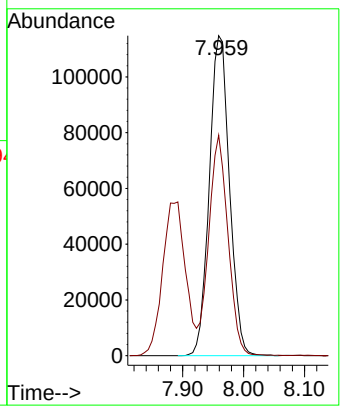




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:168 Resp: 26341

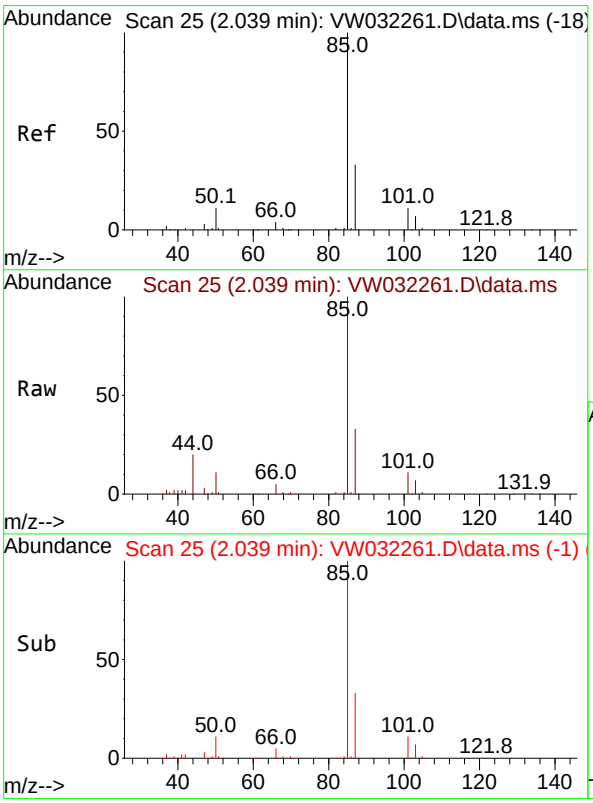
Ion	Ratio	Lower	Upper
168	100		
99	68.7	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

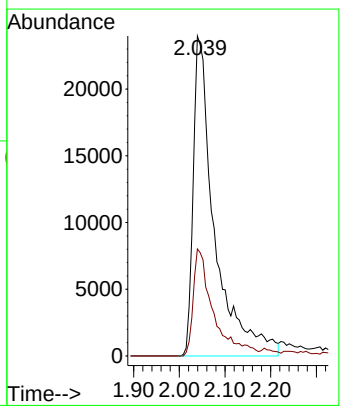
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

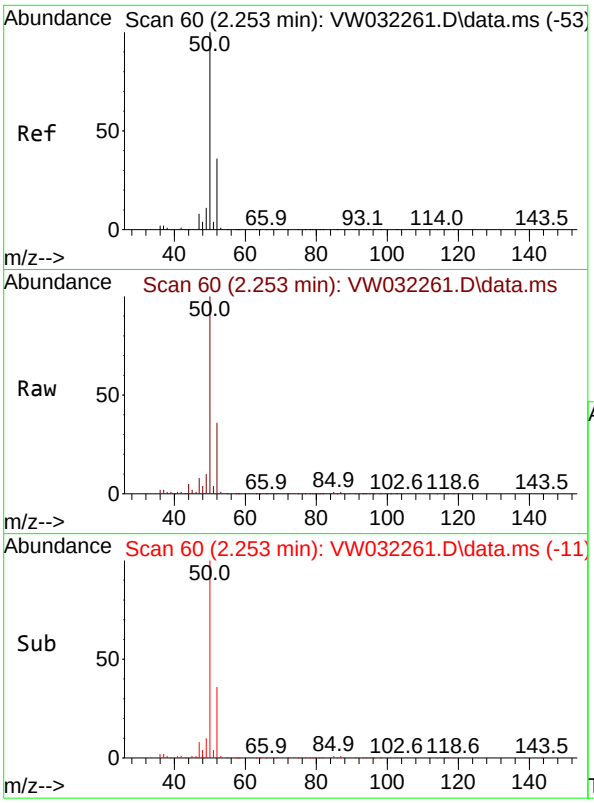


#2
Dichlorodifluoromethane
Concen: 42.711 ug/l
RT: 2.039 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 85 Resp: 77732

Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.7	50.1

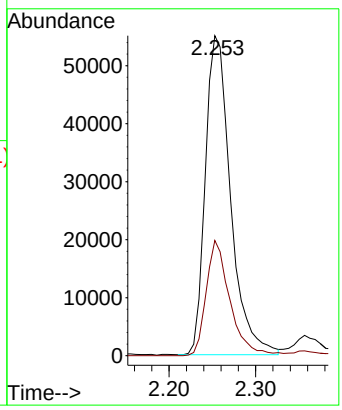




#3
Chloromethane
Concen: 42.767 ug/l
RT: 2.253 min Scan# 6
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 50 Resp: 11138

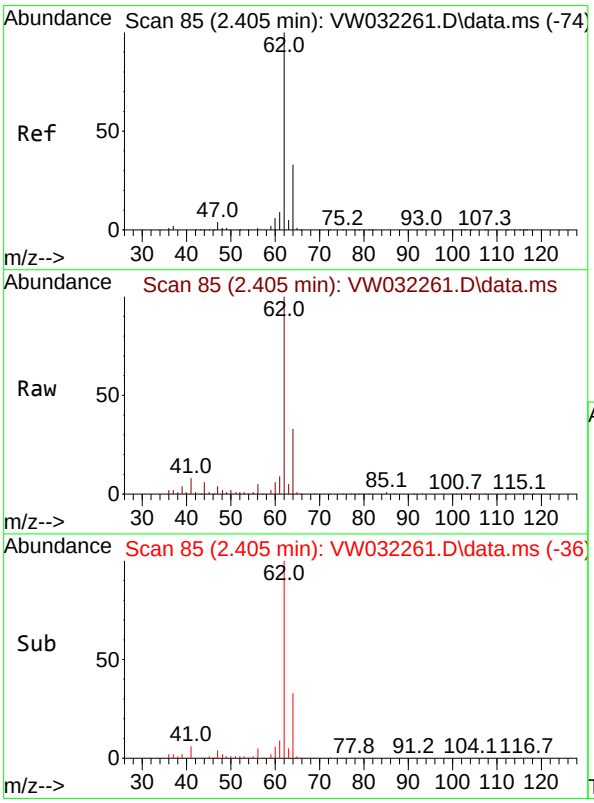
Ion	Ratio	Lower	Upper
50	100		
52	36.1	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

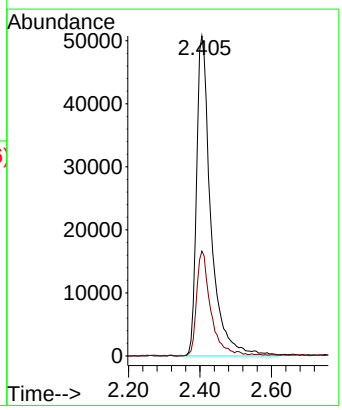
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

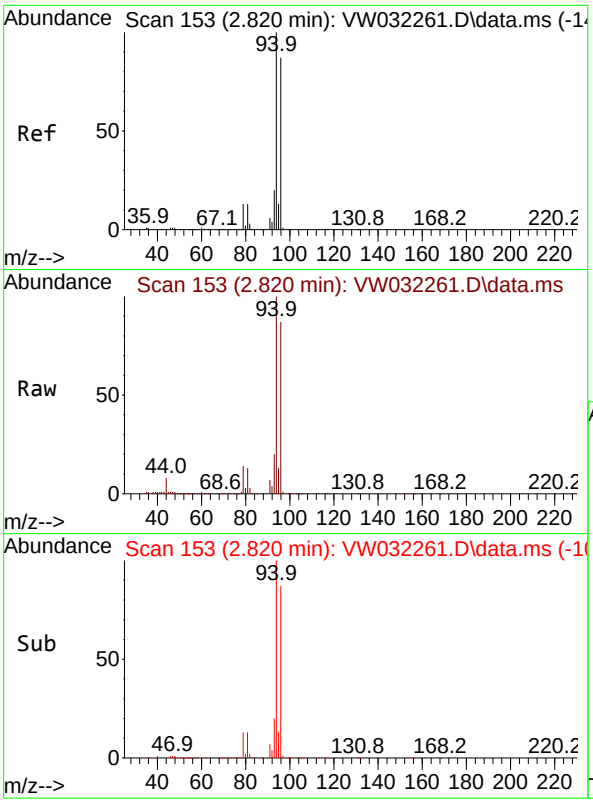


#4
Vinyl Chloride
Concen: 46.459 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 62 Resp: 141381

Ion	Ratio	Lower	Upper
62	100		
64	32.8	26.2	39.4

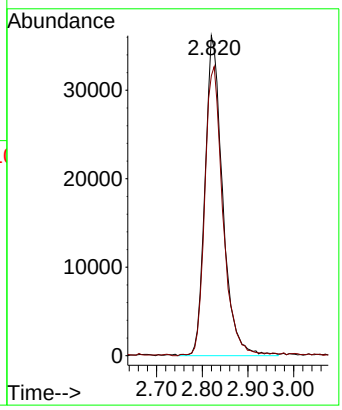




#5
Bromomethane
Concen: 46.487 ug/l
RT: 2.820 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 94 Resp: 9660

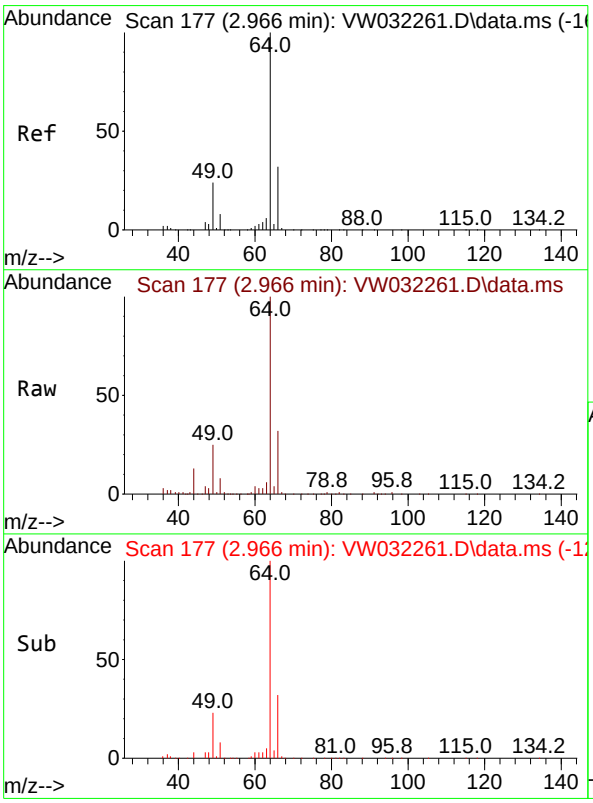
Ion	Ratio	Lower	Upper
94	100		
96	87.5	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

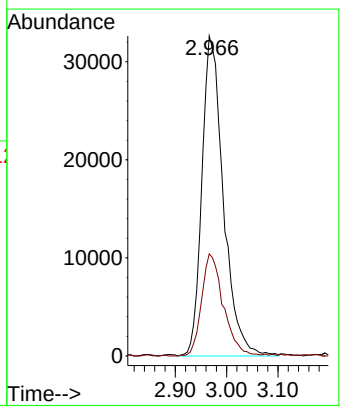
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

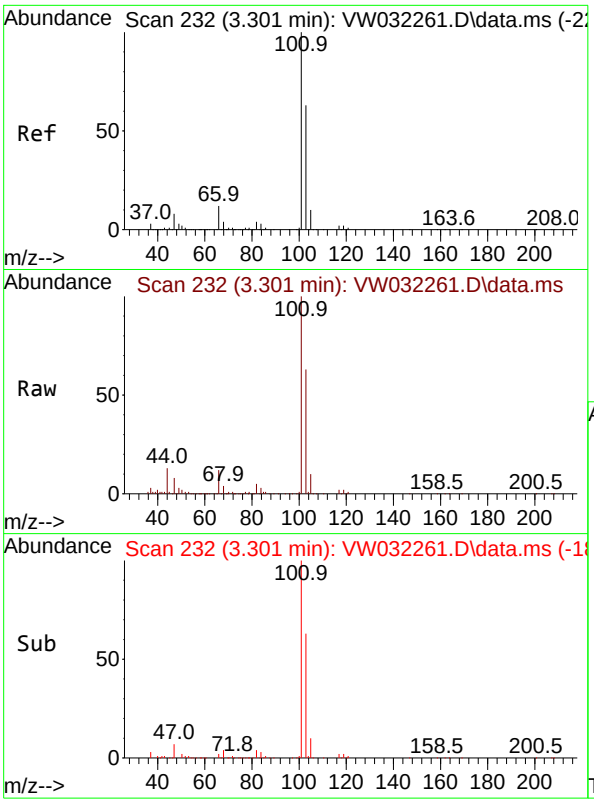


#6
Chloroethane
Concen: 45.912 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 64 Resp: 94674

Ion	Ratio	Lower	Upper
64	100		
66	31.9	25.5	38.3

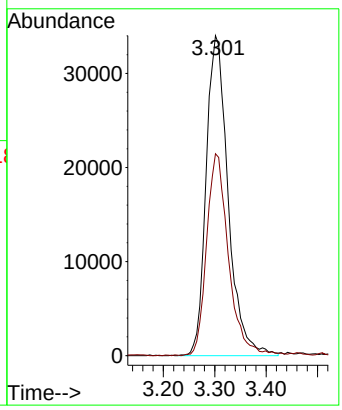




#7
Trichlorofluoromethane
Concen: 44.021 ug/l
RT: 3.301 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:101 Resp: 10093

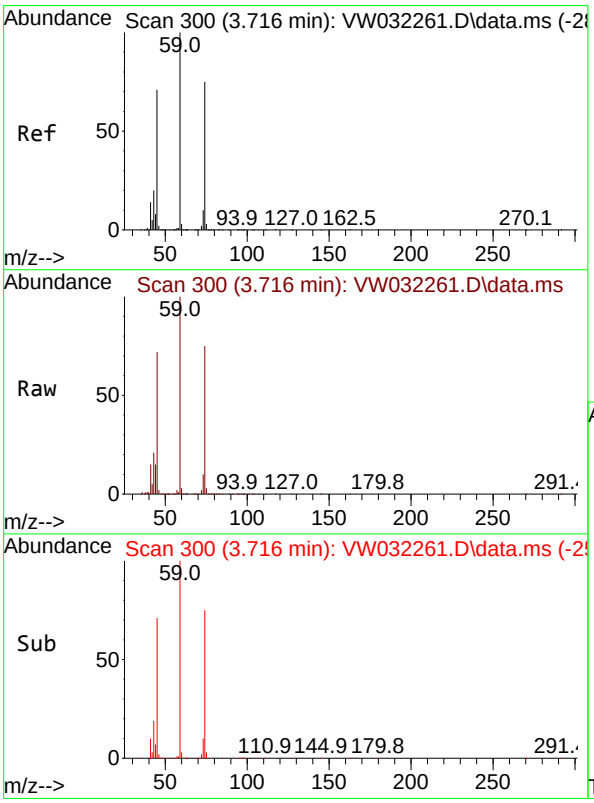
Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

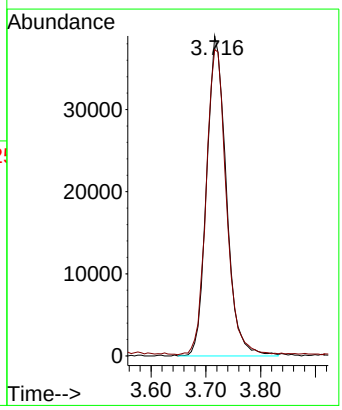
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

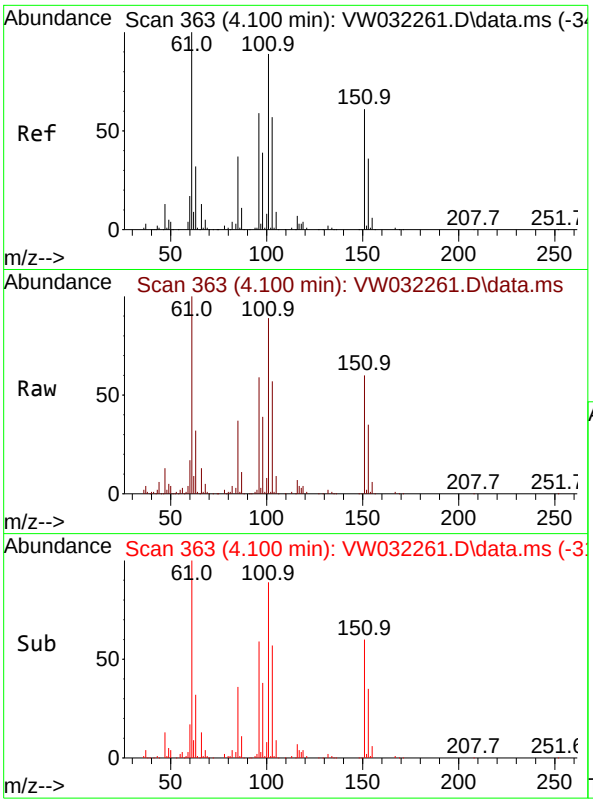


#8
Diethyl Ether
Concen: 44.687 ug/l
RT: 3.716 min Scan# 300
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 74 Resp: 96887

Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.0	147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.331 ug/l
RT: 4.100 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

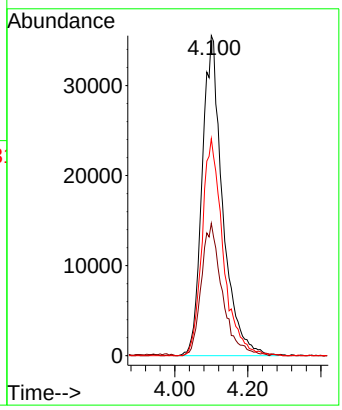
Tgt Ion:101 Resp: 13852

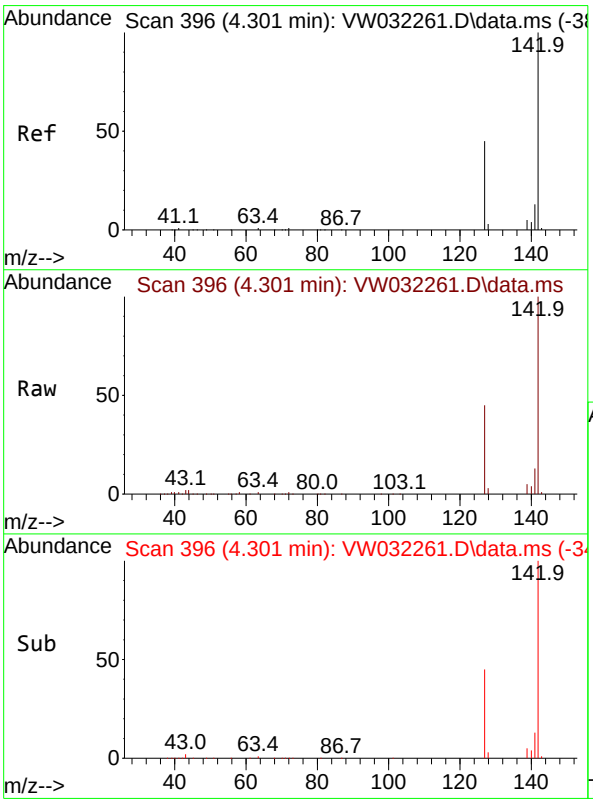
Ion	Ratio	Lower	Upper
101	100		
85	42.1	33.7	50.5
151	69.6	55.7	83.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

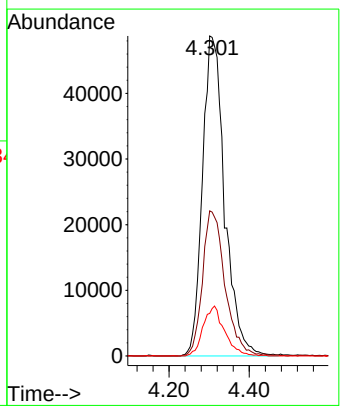


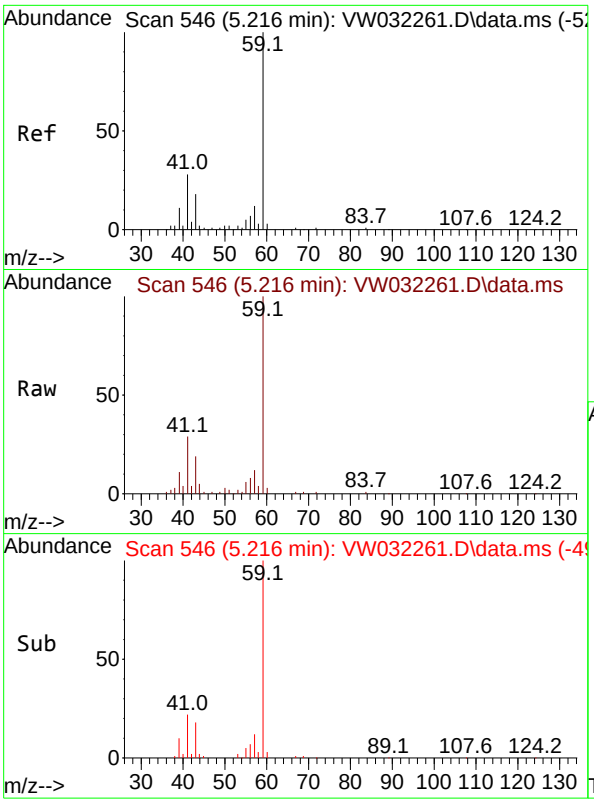


#10
Methyl Iodide
Concen: 47.349 ug/l
RT: 4.301 min Scan# 396
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:142 Resp: 187435

Ion	Ratio	Lower	Upper
142	100		
127	46.1	36.9	55.3
141	15.0	12.0	18.0

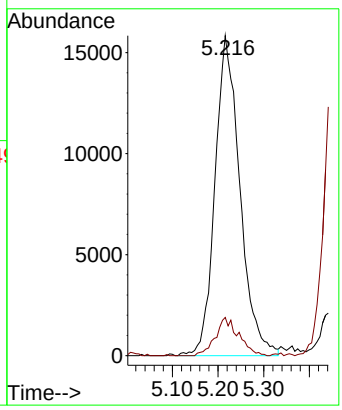




#11
Tert butyl alcohol
Concen: 207.913 ug/l
RT: 5.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 59 Resp: 6002

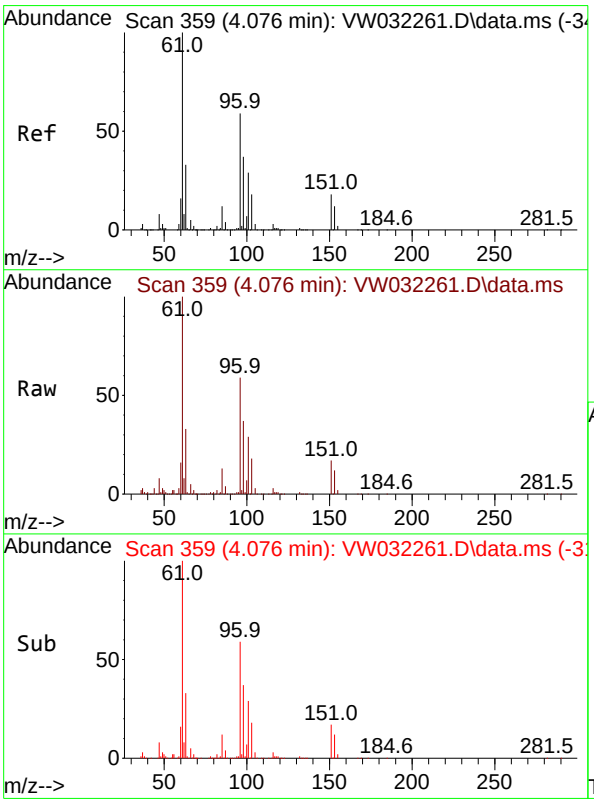
Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

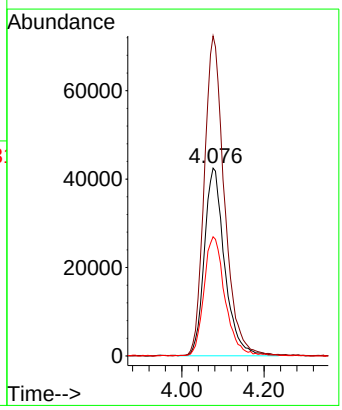
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

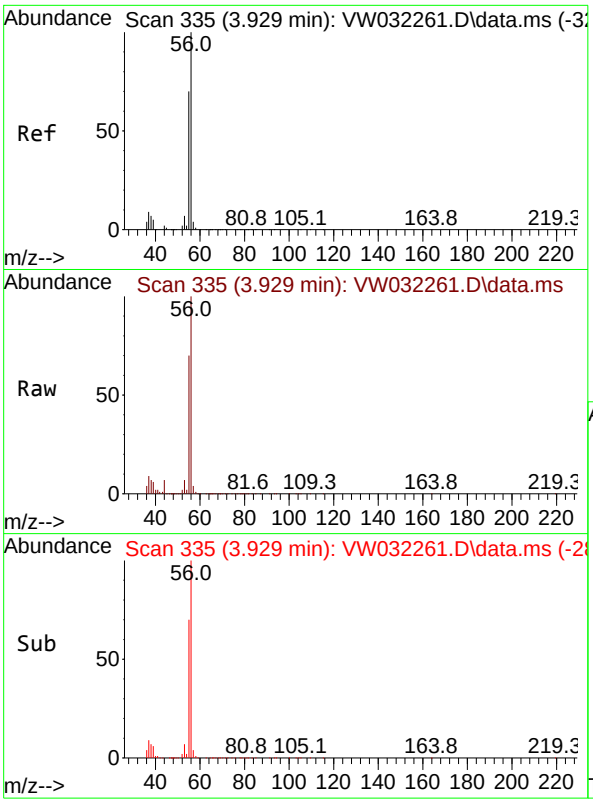


#12
1,1-Dichloroethene
Concen: 46.418 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 96 Resp: 145223

Ion	Ratio	Lower	Upper
96	100		
61	170.4	136.3	204.5
98	63.4	50.7	76.1

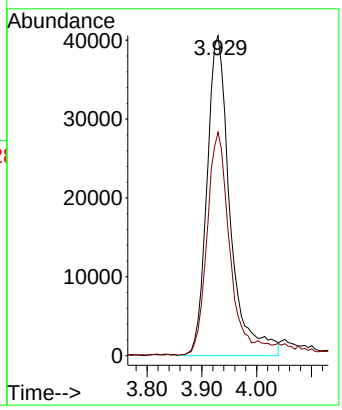




#13
Acrolein
Concen: 231.485 ug/l
RT: 3.929 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 56 Resp: 11895

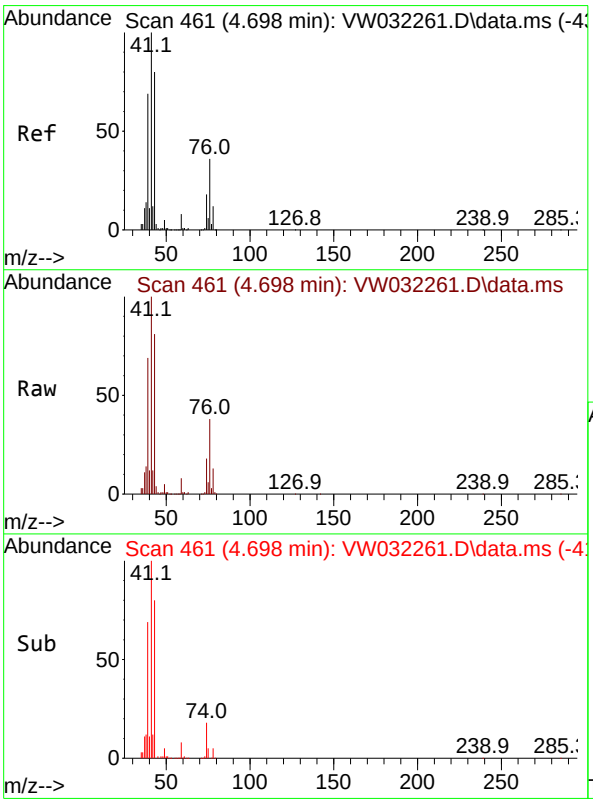
Ion	Ratio	Lower	Upper
56	100		
55	66.5	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

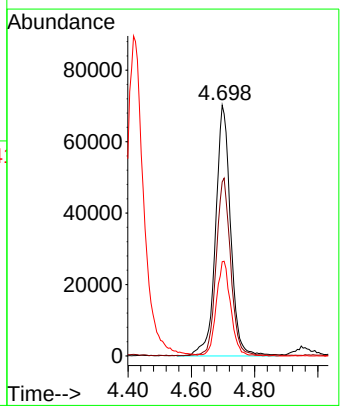
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

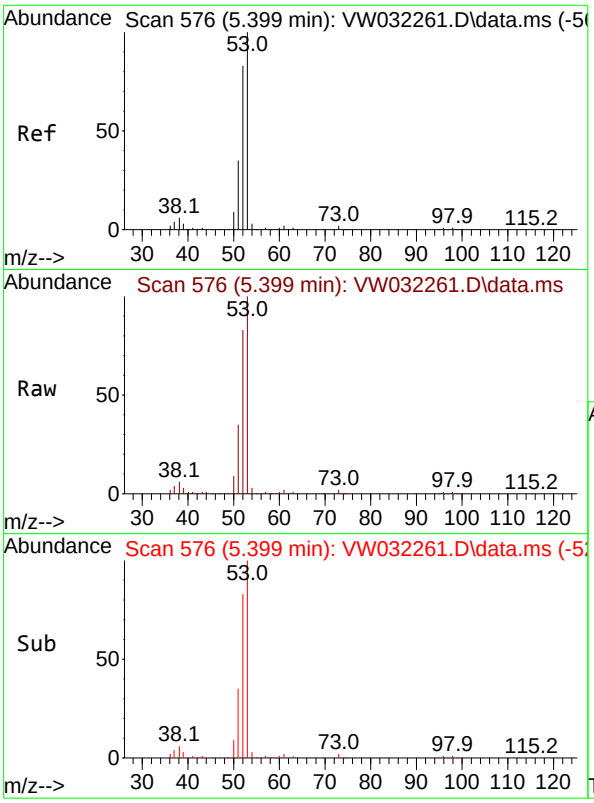


#14
Allyl chloride
Concen: 47.669 ug/l
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 41 Resp: 231447

Ion	Ratio	Lower	Upper
41	100		
39	67.9	54.3	81.5
76	35.9	28.7	43.1

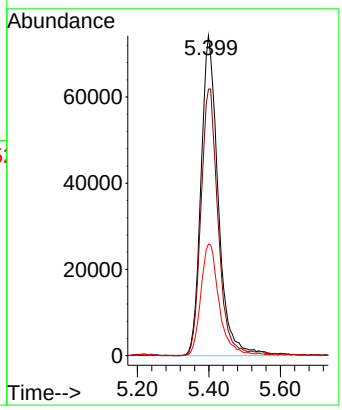




#15
Acrylonitrile
Concen: 222.601 ug/l
RT: 5.399 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 53 Resp: 24856

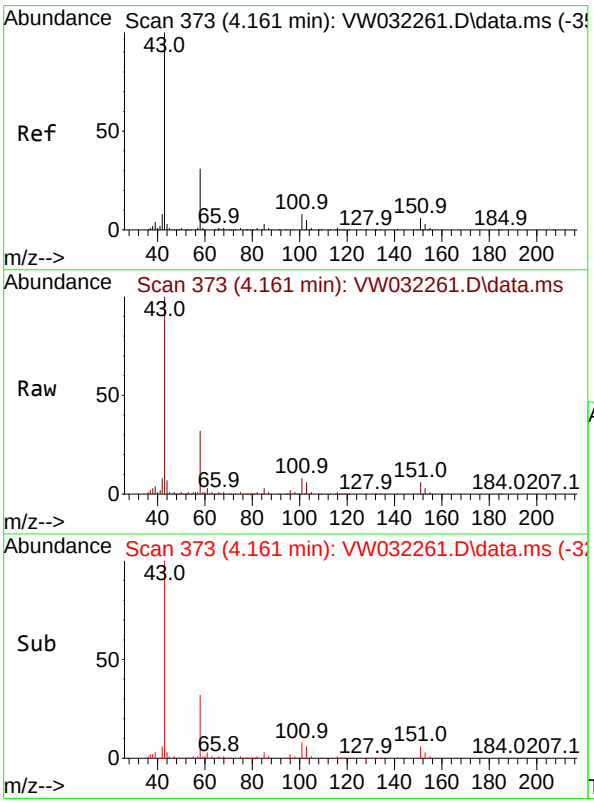
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	37.0	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

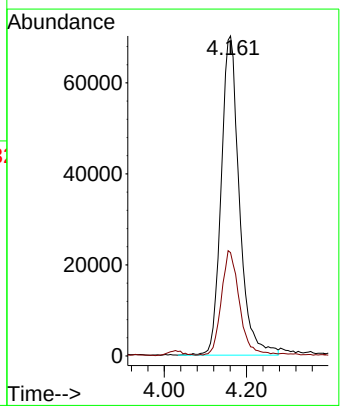
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

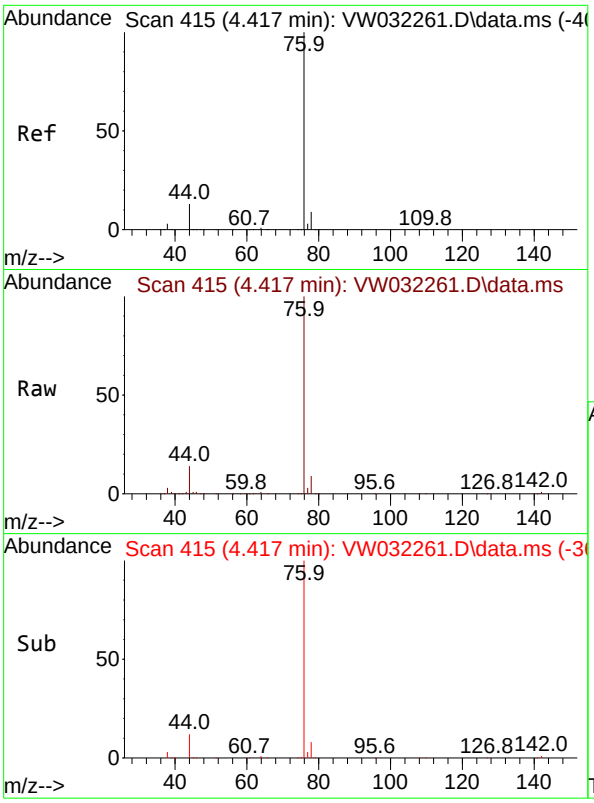


#16
Acetone
Concen: 201.612 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 215356

Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.4	38.0

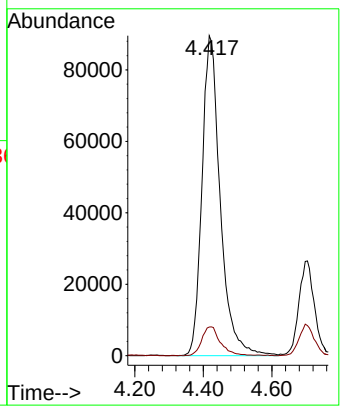




#17
Carbon Disulfide
Concen: 46.133 ug/l
RT: 4.417 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 76 Resp: 33184

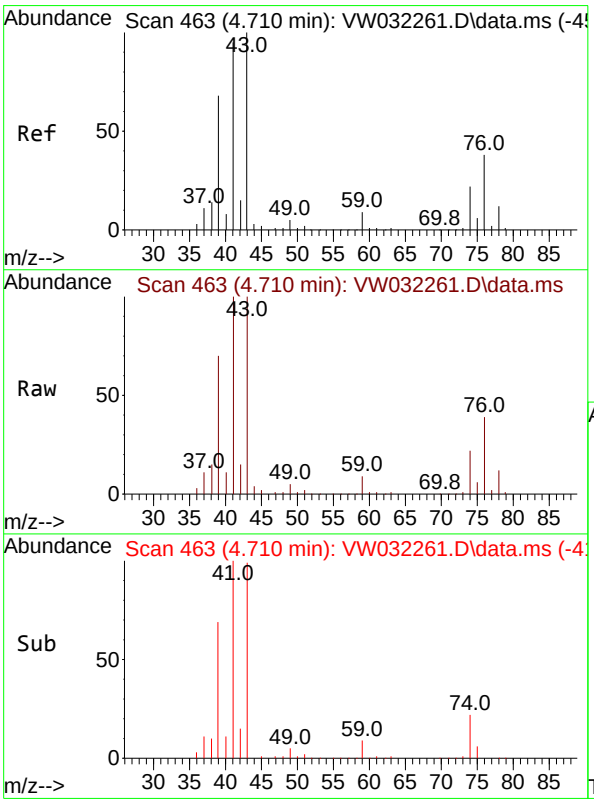
Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

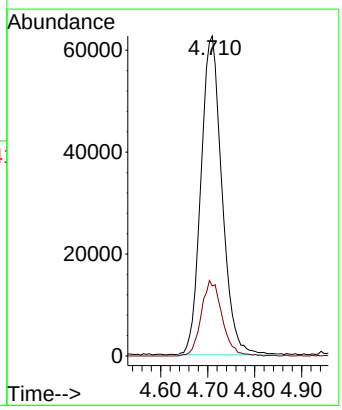
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

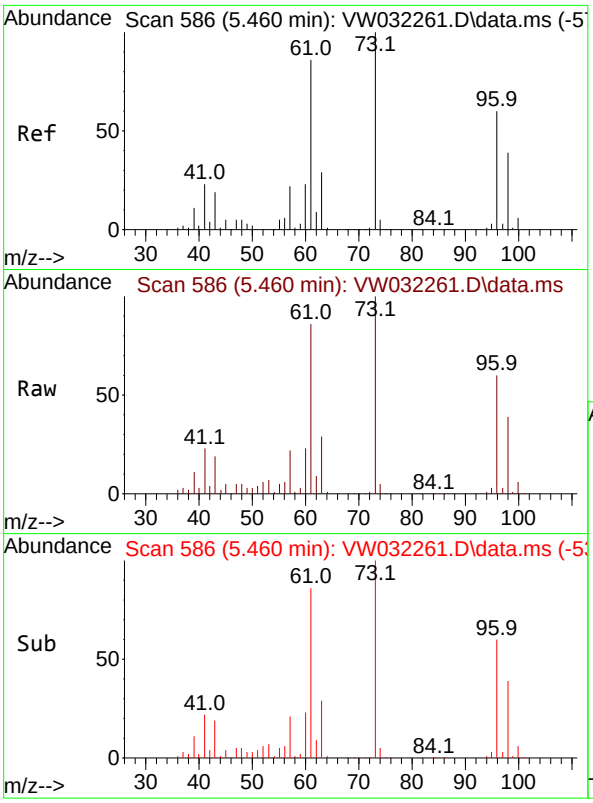


#18
Methyl Acetate
Concen: 52.938 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 194479

Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.8	28.2





#19
Methyl tert-butyl Ether
Concen: 48.658 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

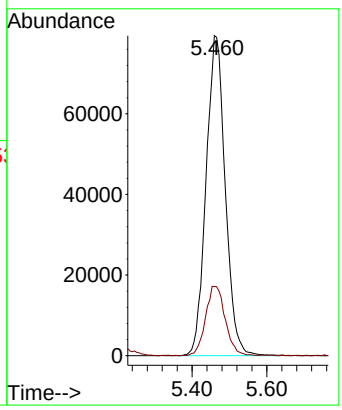
Tgt Ion: 73 Resp: 28218

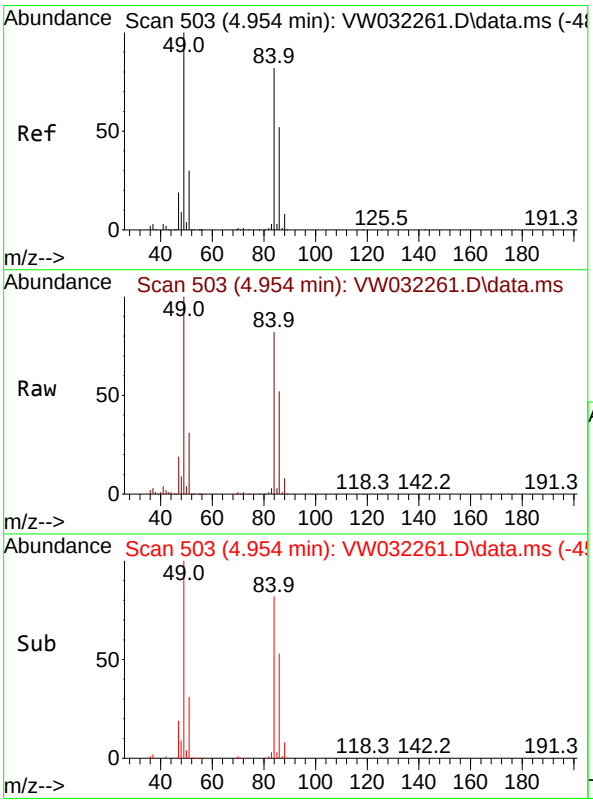
Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.3	25.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

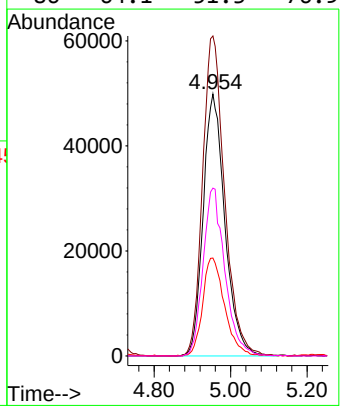


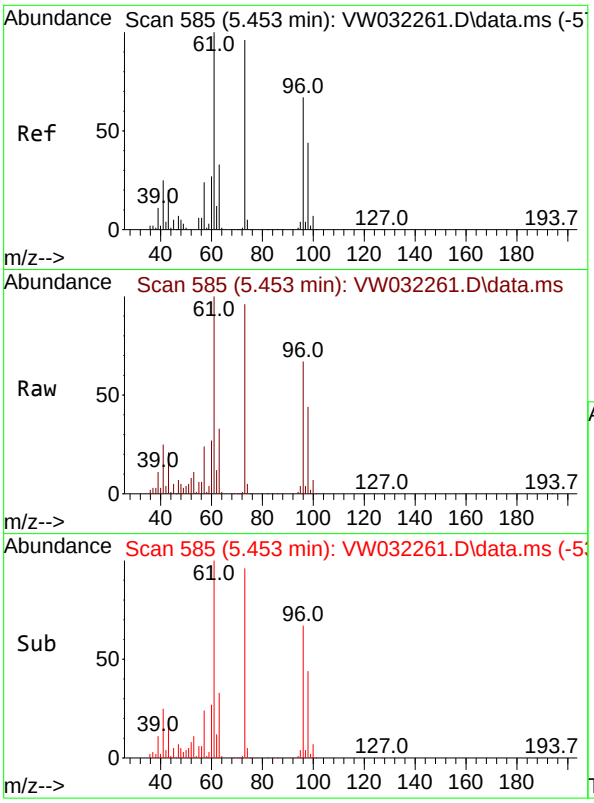


#20
Methylene Chloride
Concen: 51.165 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 84 Resp: 196832

Ion	Ratio	Lower	Upper
84	100		
49	122.2	97.8	146.6
51	37.4	29.9	44.9
86	64.1	51.3	76.9

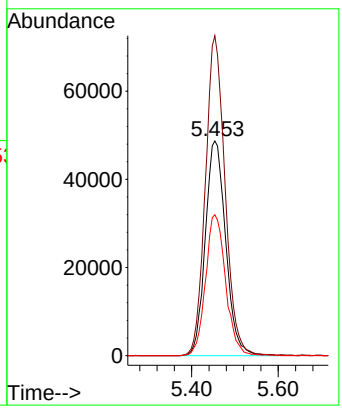




#21
trans-1,2-Dichloroethene
Concen: 47.279 ug/l
RT: 5.453 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 96 Resp: 15950

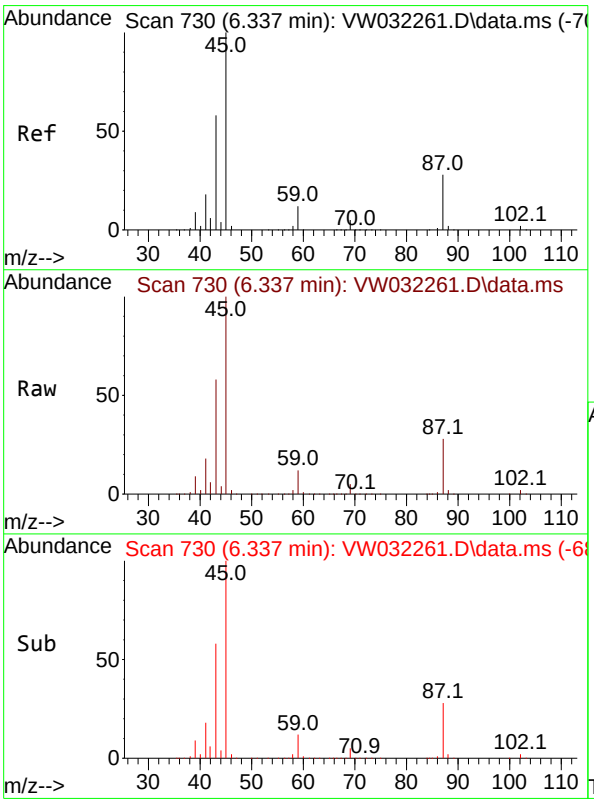
Ion	Ratio	Lower	Upper
96	100		
61	149.0	119.2	178.8
98	65.6	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

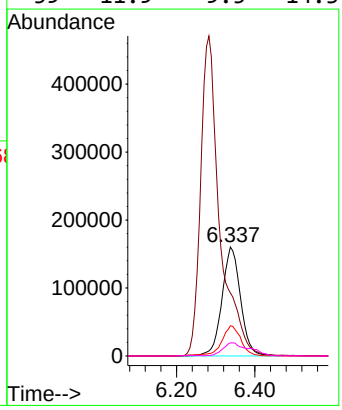
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

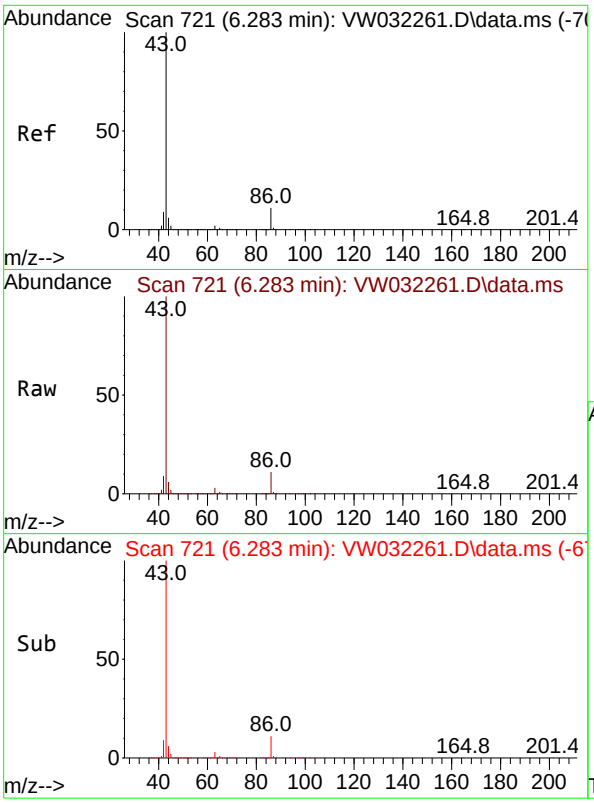


#22
Diisopropyl ether
Concen: 48.907 ug/l
RT: 6.337 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 45 Resp: 527651

Ion	Ratio	Lower	Upper
45	100		
43	57.8	46.2	69.4
87	27.7	22.2	33.2
59	11.9	9.5	14.3

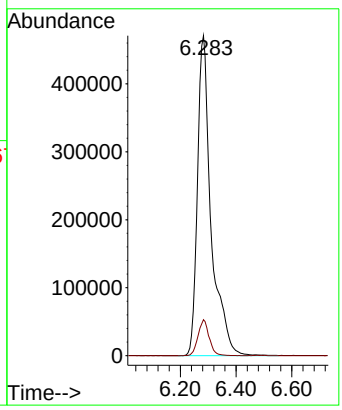




#23
Vinyl Acetate
Concen: 230.704 ug/l
RT: 6.283 min Scan# 7
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 160125

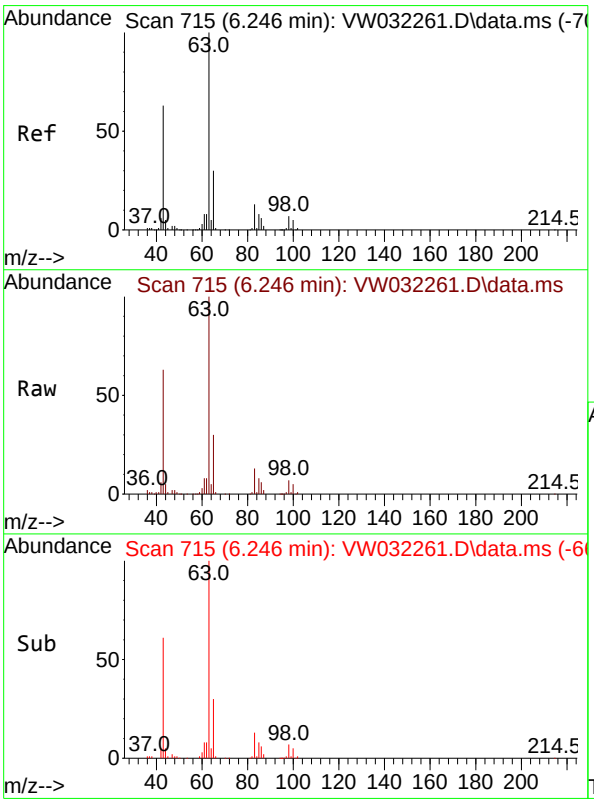
Ion	Ratio	Lower	Upper
43	100		
86	11.3	9.0	13.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

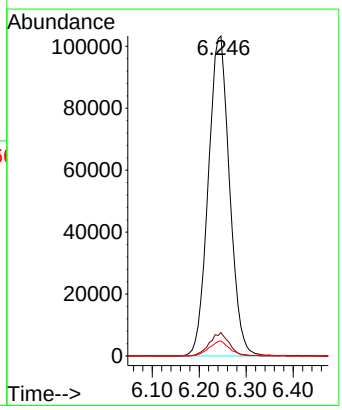
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

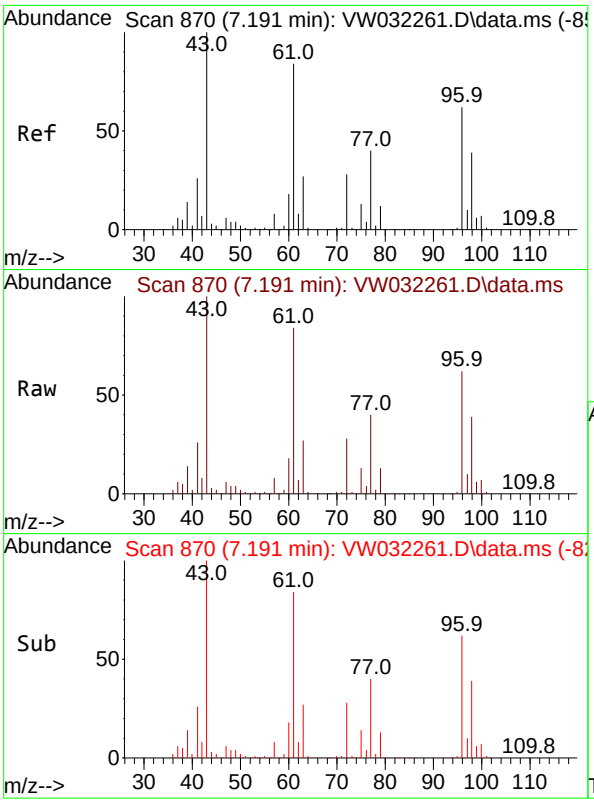


#24
1,1-Dichloroethane
Concen: 47.641 ug/l
RT: 6.246 min Scan# 715
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 63 Resp: 324470

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.6	10.9
100	4.7	2.4	7.1

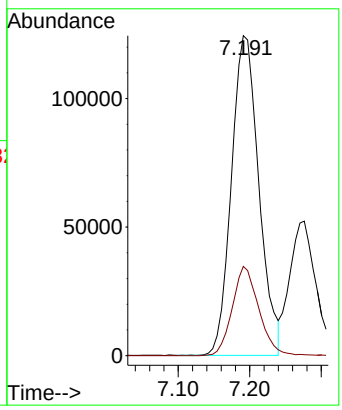




#25
2-Butanone
Concen: 223.055 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 33210

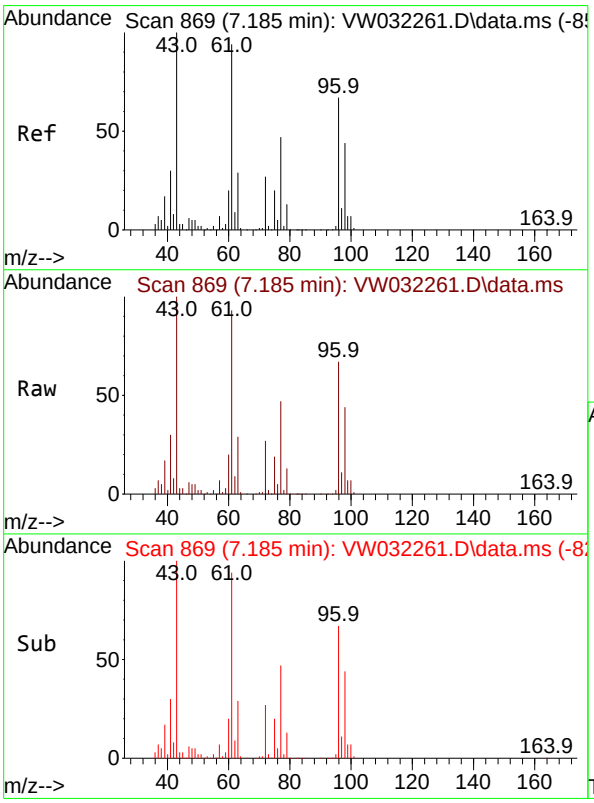
Ion	Ratio	Lower	Upper
43	100		
72	27.9	22.3	33.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

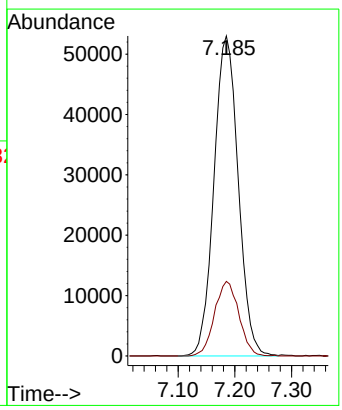
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

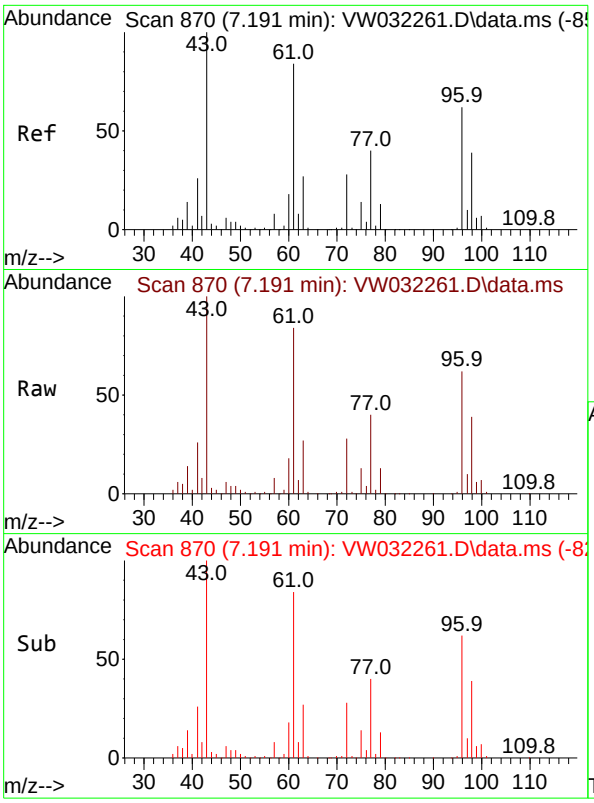


#26
2,2-Dichloropropane
Concen: 46.933 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 77 Resp: 157515

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.7	35.0

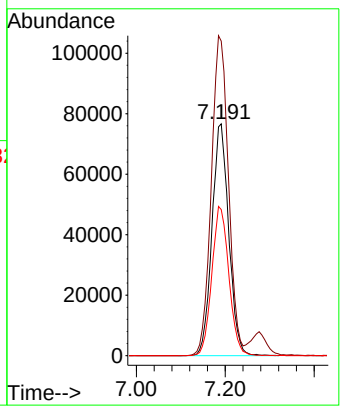




#27
cis-1,2-Dichloroethene
Concen: 47.877 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 96 Resp: 20088

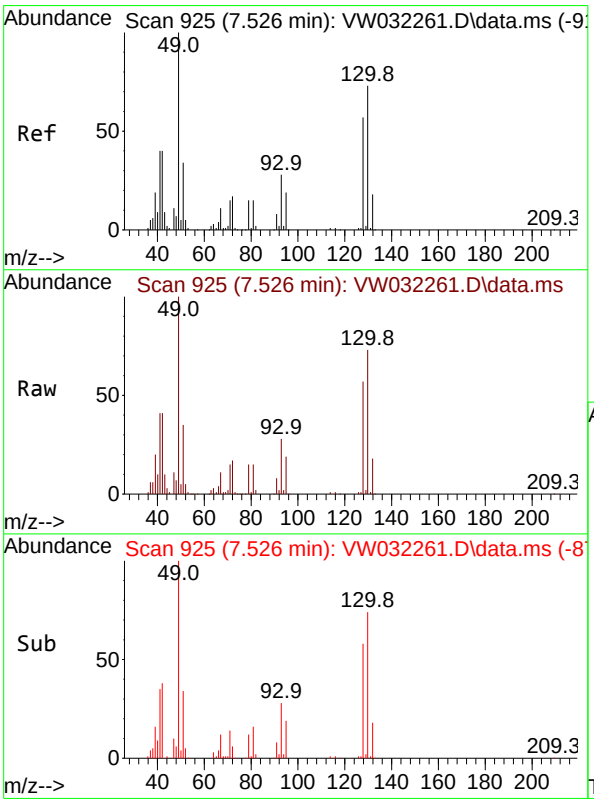
Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	281.8
98	65.4	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

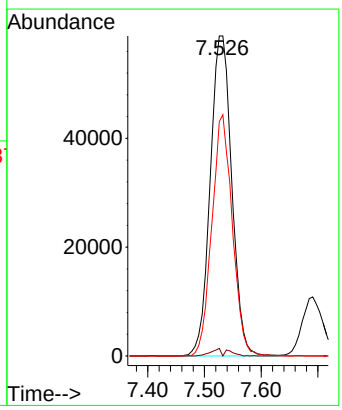
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

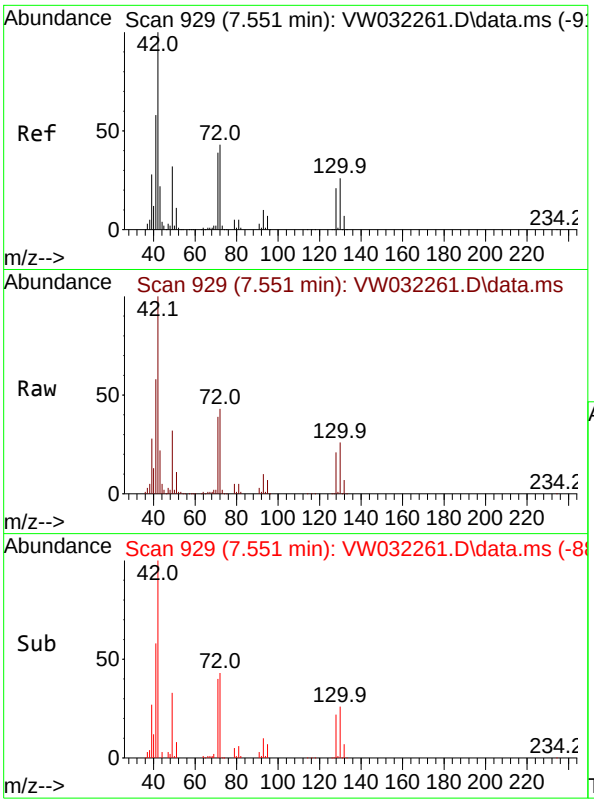


#28
Bromochloromethane
Concen: 47.753 ug/l
RT: 7.526 min Scan# 925
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 49 Resp: 155192

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	2.2
130	0.0	0.0	0.0

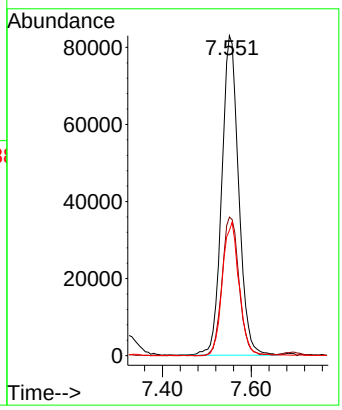




#29
Tetrahydrofuran
Concen: 225.860 ug/l
RT: 7.551 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 42 Resp: 21831

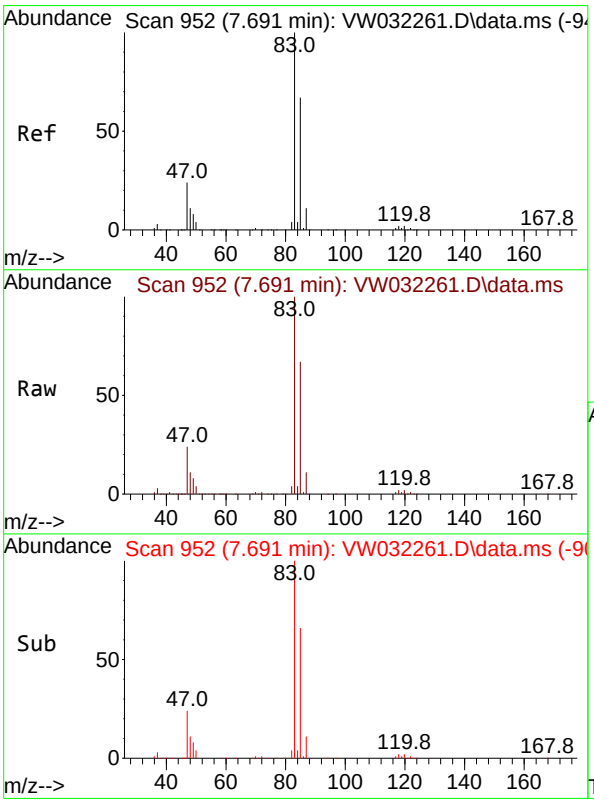
Ion	Ratio	Lower	Upper
42	100		
72	43.9	35.1	52.7
71	41.6	33.3	49.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

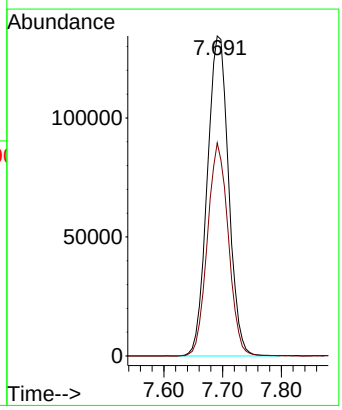
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

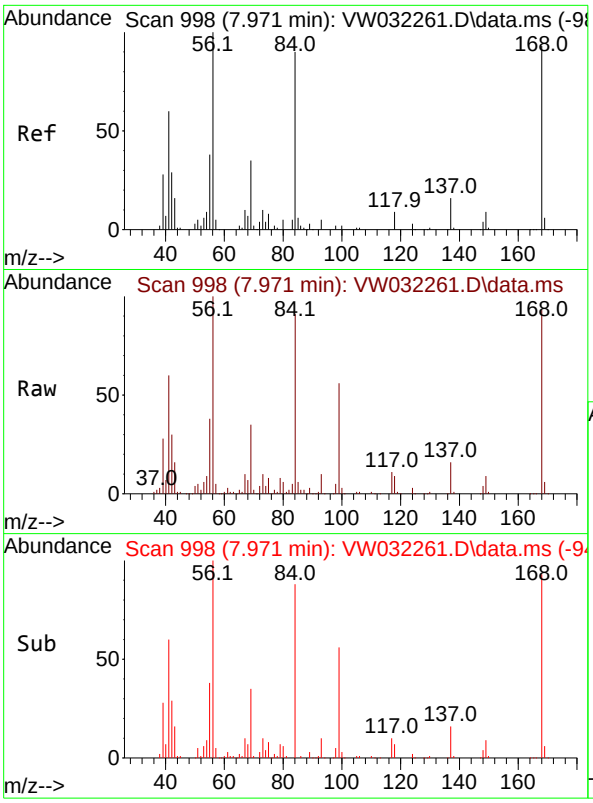


#30
Chloroform
Concen: 47.686 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 83 Resp: 338865

Ion	Ratio	Lower	Upper
83	100		
85	66.6	53.3	79.9

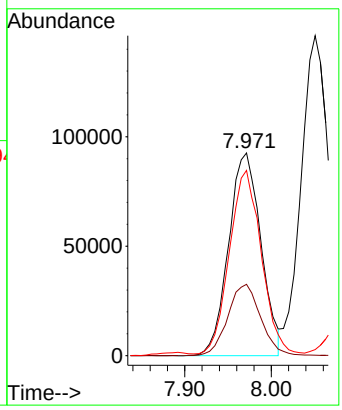




#31
Cyclohexane
Concen: 44.720 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 56 Resp: 24016

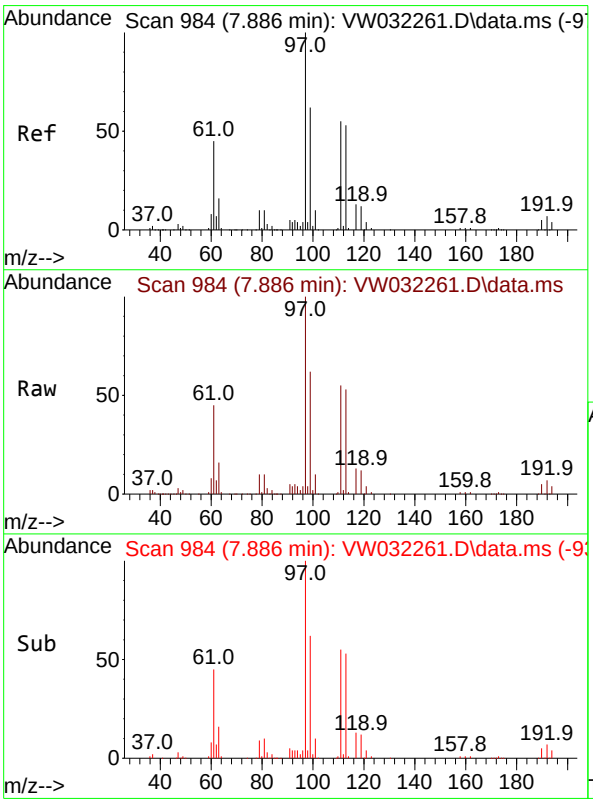
Ion	Ratio	Lower	Upper
56	100		
69	35.2	28.2	42.2
84	89.7	71.8	107.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

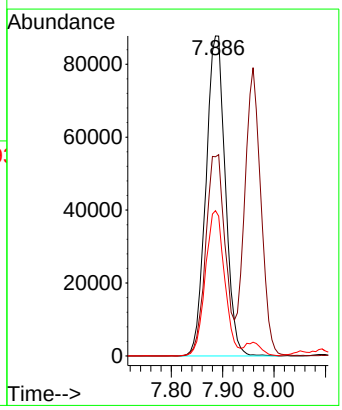
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

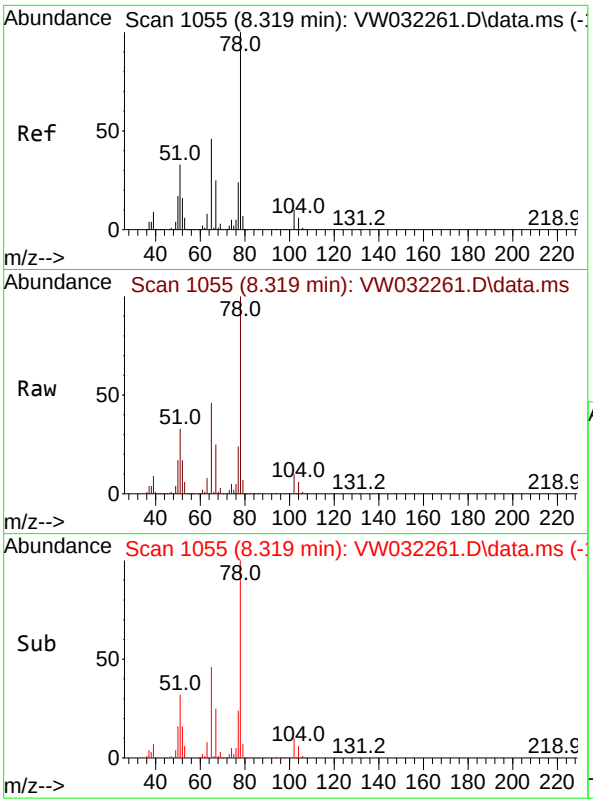


#32
1,1,1-Trichloroethane
Concen: 48.061 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 97 Resp: 230079

Ion	Ratio	Lower	Upper
97	100		
99	63.3	50.6	76.0
61	45.3	36.2	54.4

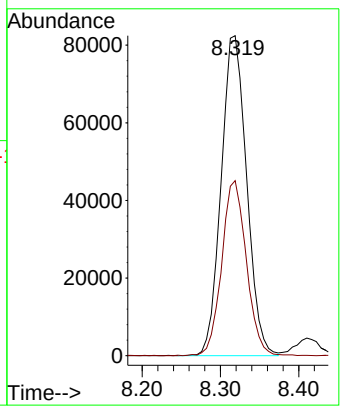




#33
1,2-Dichloroethane-d4
Concen: 44.863 ug/l
RT: 8.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 65 Resp: 18659

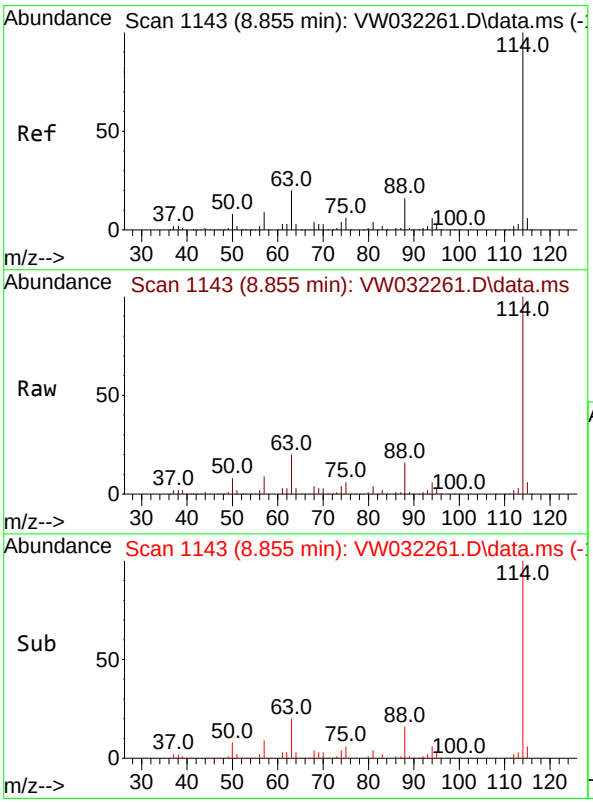
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	105.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

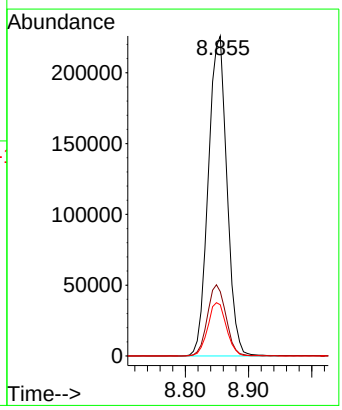
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

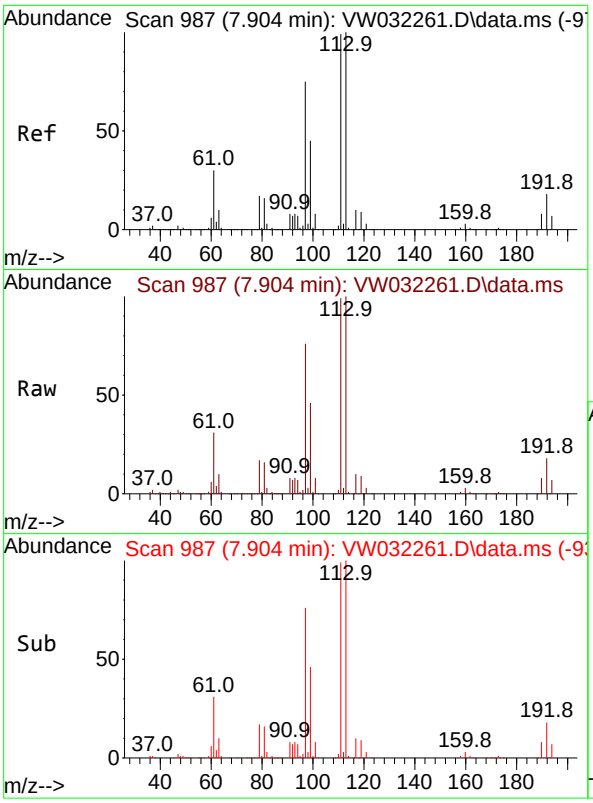


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:114 Resp: 461173

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	40.2
88	16.0	0.0	32.0

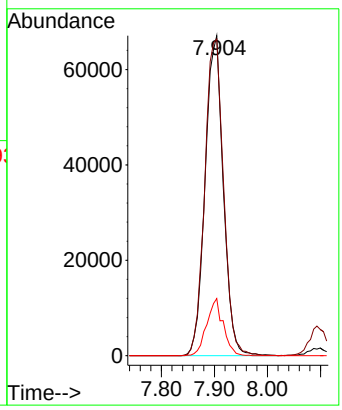




#35
Dibromofluoromethane
Concen: 48.182 ug/l
RT: 7.904 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:113 Resp: 15980

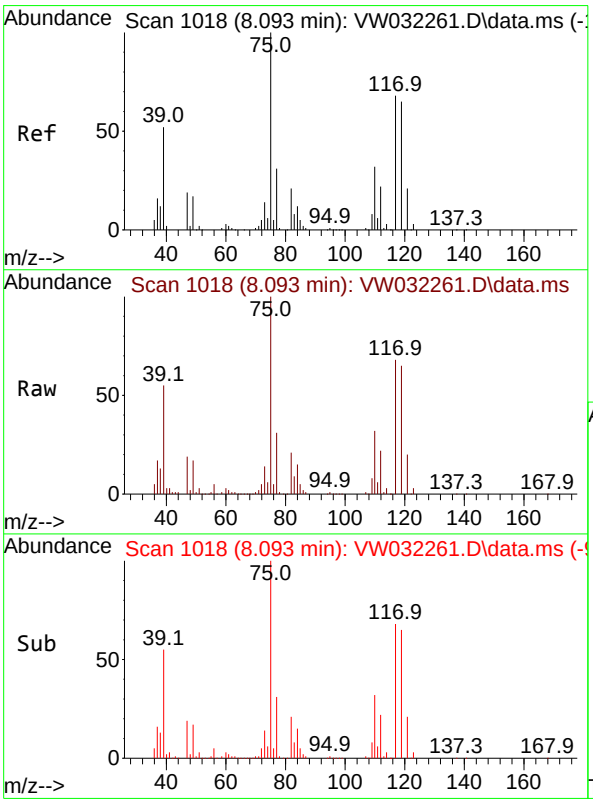
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	16.2	13.0	19.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

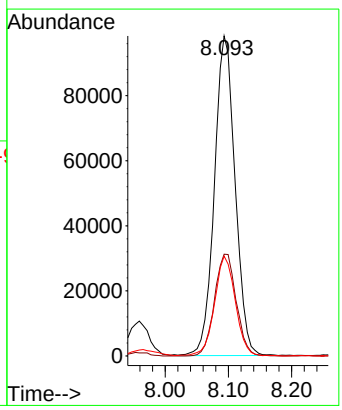
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

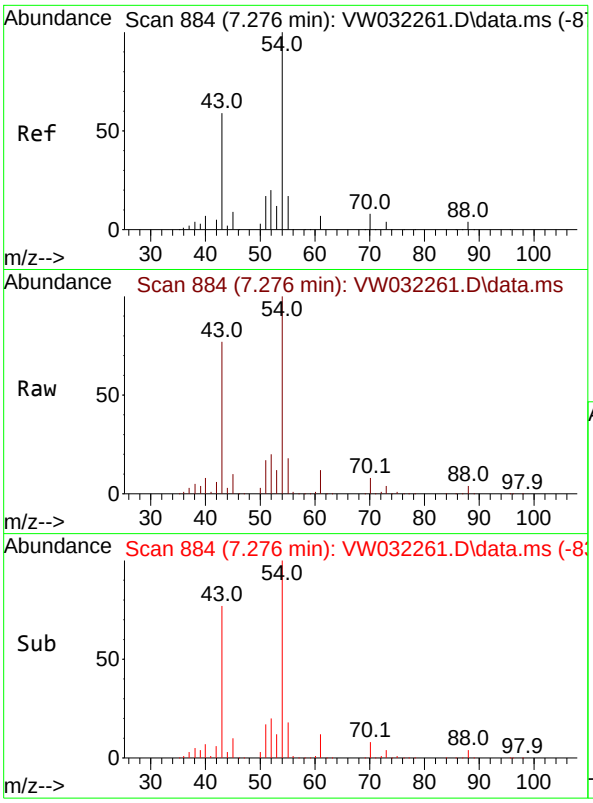


#36
1,1-Dichloropropene
Concen: 49.836 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 75 Resp: 222842

Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.7	50.1
77	31.5	25.2	37.8

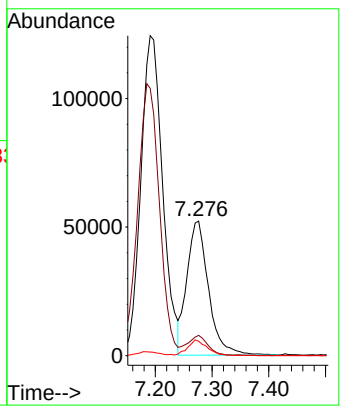




#37
Ethyl Acetate
Concen: 46.641 ug/l
RT: 7.276 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 13831

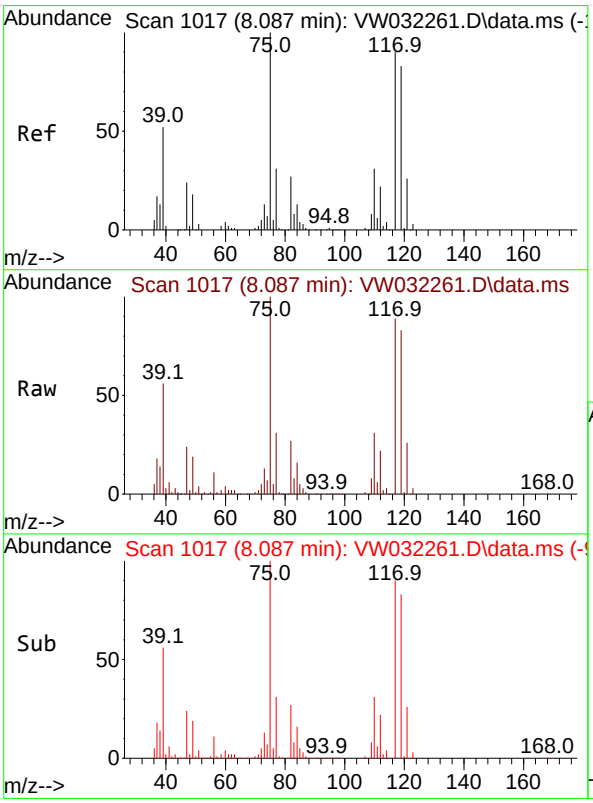
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	10.6	8.5	12.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

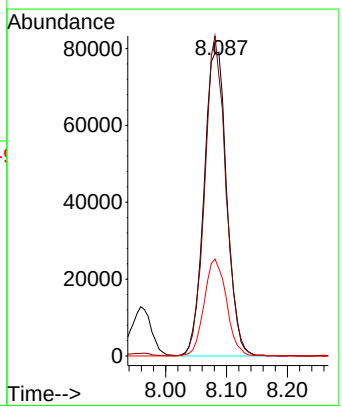
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

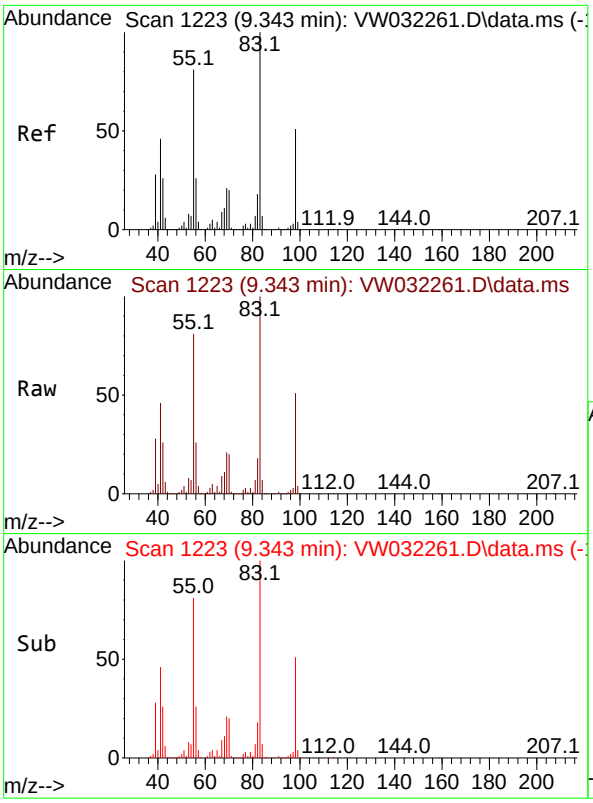


#38
Carbon Tetrachloride
Concen: 48.978 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:117 Resp: 206044

Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.9	110.9
121	28.8	23.0	34.6

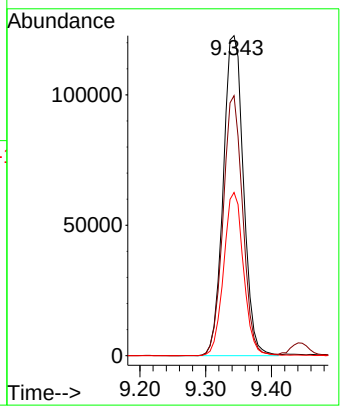




#39
Methylcyclohexane
Concen: 50.734 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 83 Resp: 26249

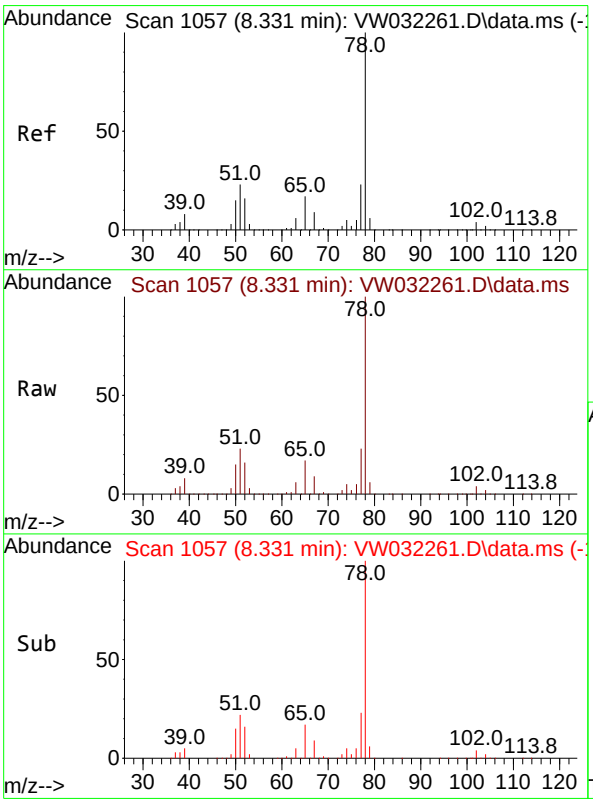
Ion	Ratio	Lower	Upper
83	100		
55	81.3	65.0	97.6
98	51.0	40.8	61.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

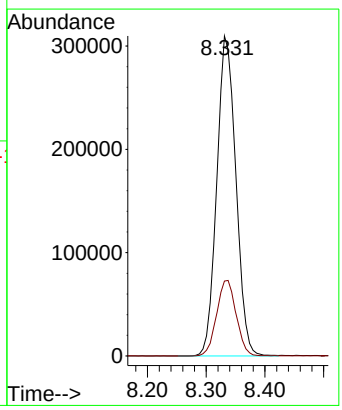
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

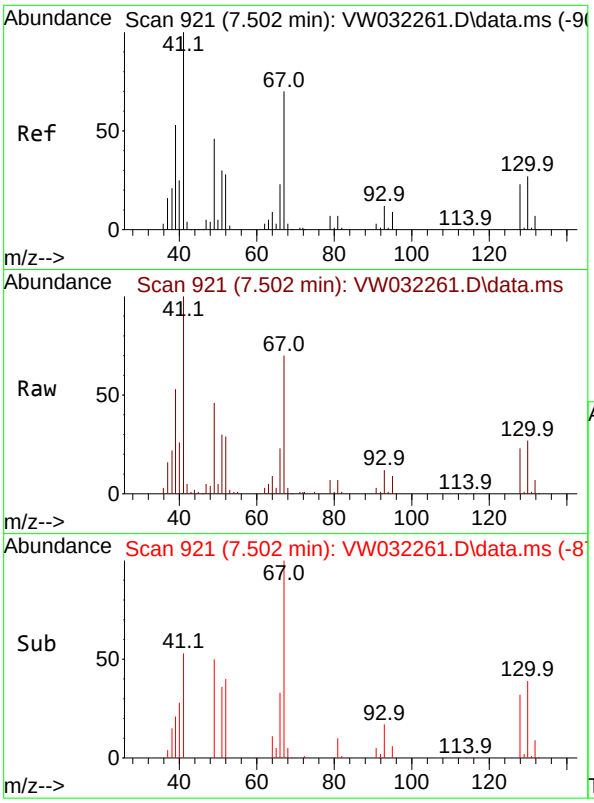


#40
Benzene
Concen: 49.669 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 78 Resp: 699089

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

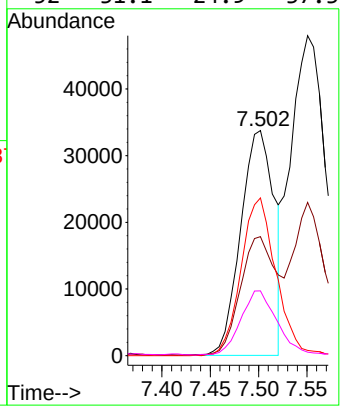




#41
Methacrylonitrile
Concen: 47.946 ug/l
RT: 7.502 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 41 Resp: 8143

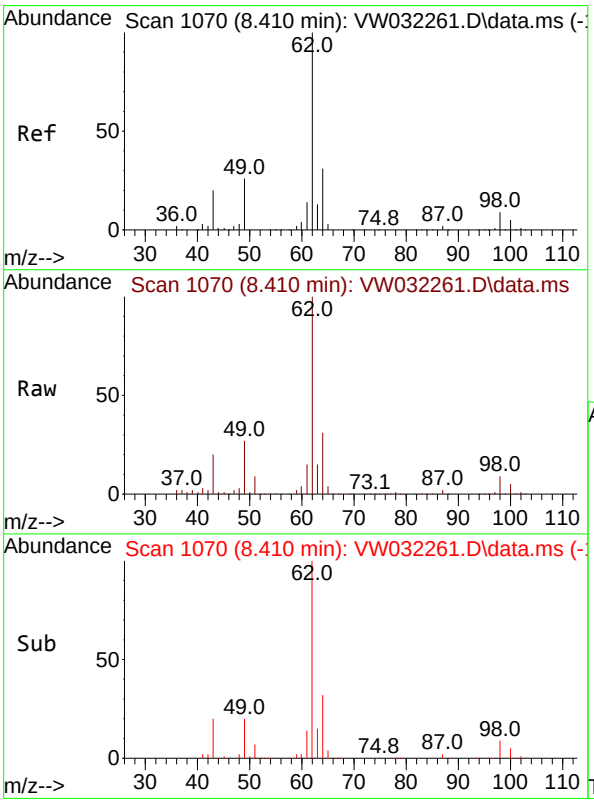
Ion	Ratio	Lower	Upper
41	100		
39	58.6	46.9	70.3
67	73.7	59.0	88.4
52	31.1	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

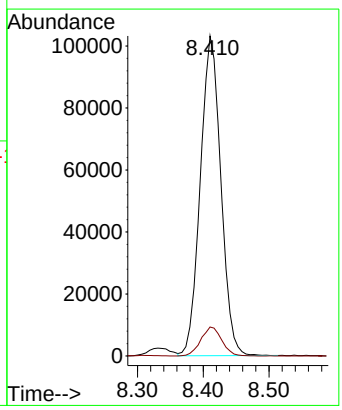
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

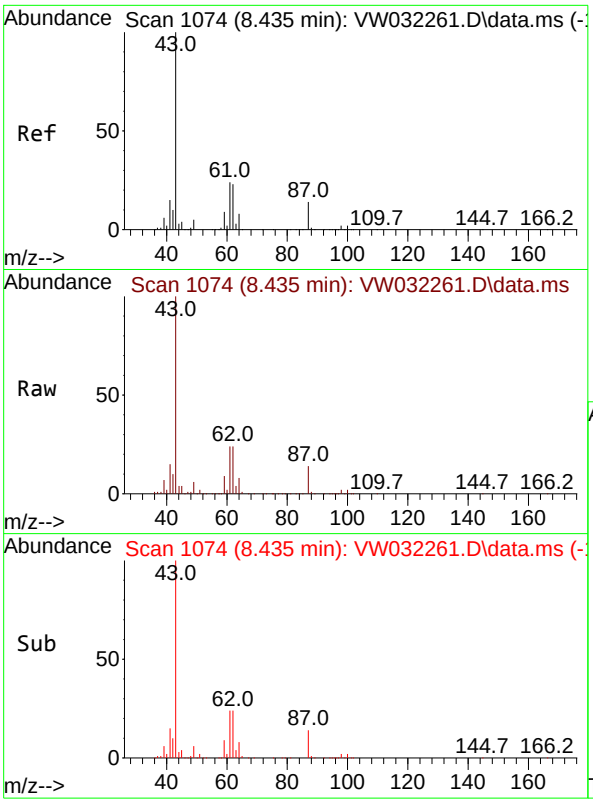


#42
1,2-Dichloroethane
Concen: 47.924 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 62 Resp: 224207

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43
Isopropyl Acetate
Concen: 47.624 ug/l
RT: 8.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

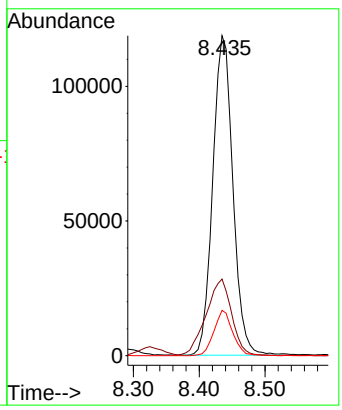
Tgt Ion: 43 Resp: 25281

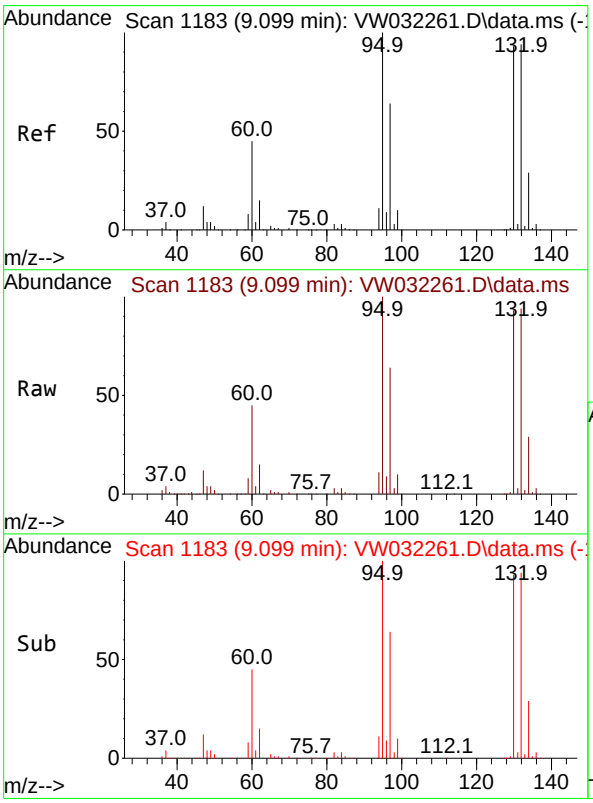
Ion	Ratio	Lower	Upper
43	100		
61	30.2	24.2	36.2
87	13.3	10.6	16.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

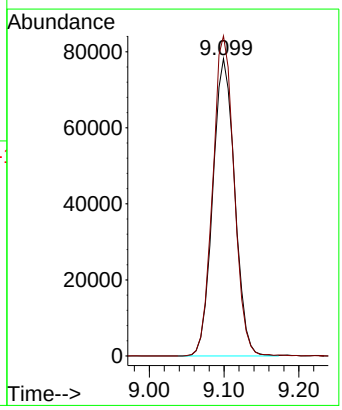


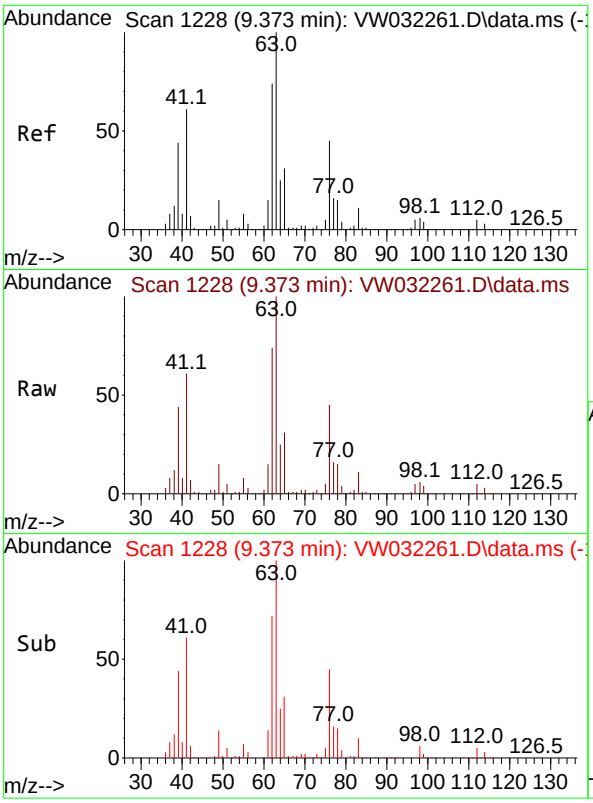


#44
Trichloroethene
Concen: 48.499 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:130 Resp: 159555

Ion	Ratio	Lower	Upper
130	100		
95	107.6	0.0	215.2

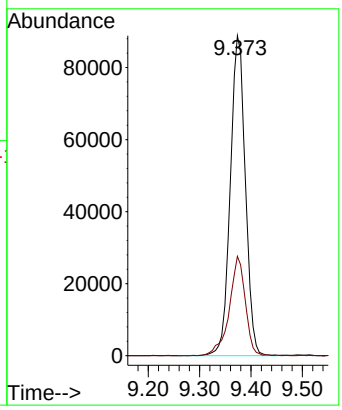




#45
1,2-Dichloropropane
Concen: 49.683 ug/l
RT: 9.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 63 Resp: 18111

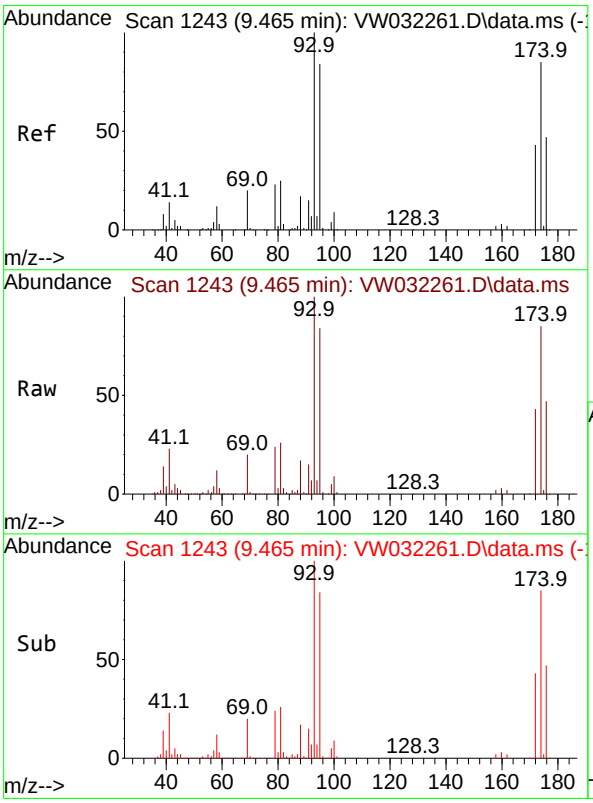
Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

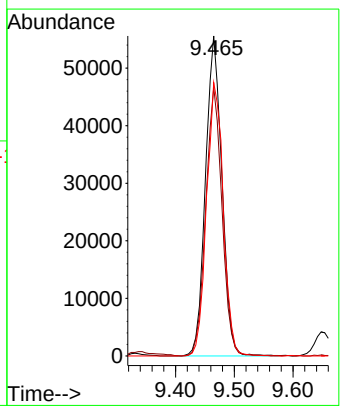
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

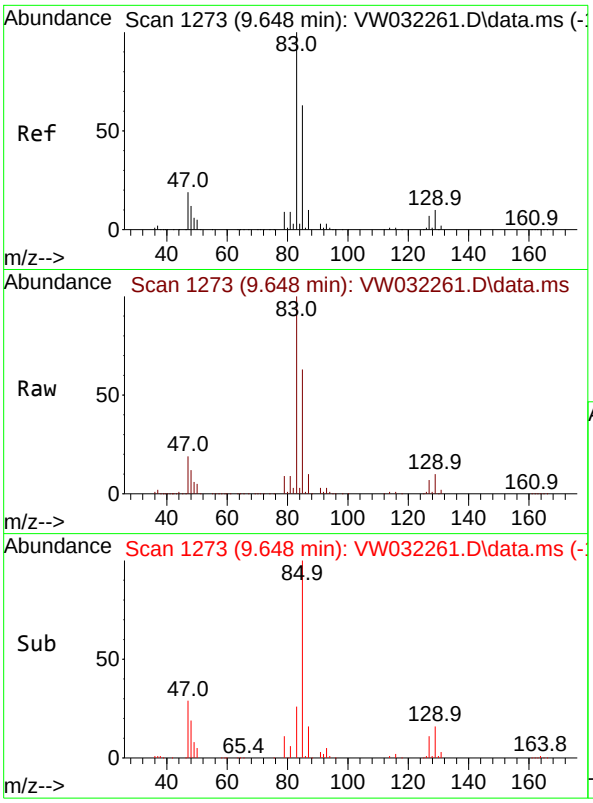


#46
Dibromomethane
Concen: 48.295 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 93 Resp: 108241

Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.6	99.8
174	86.3	69.0	103.6

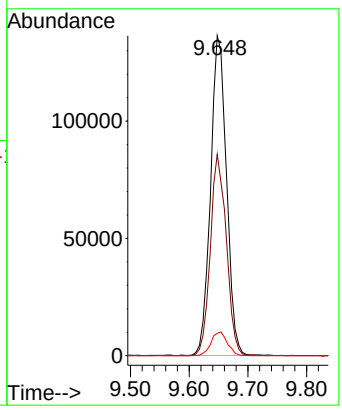




#47
Bromodichloromethane
Concen: 50.329 ug/l
RT: 9.648 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 83 Resp: 25727

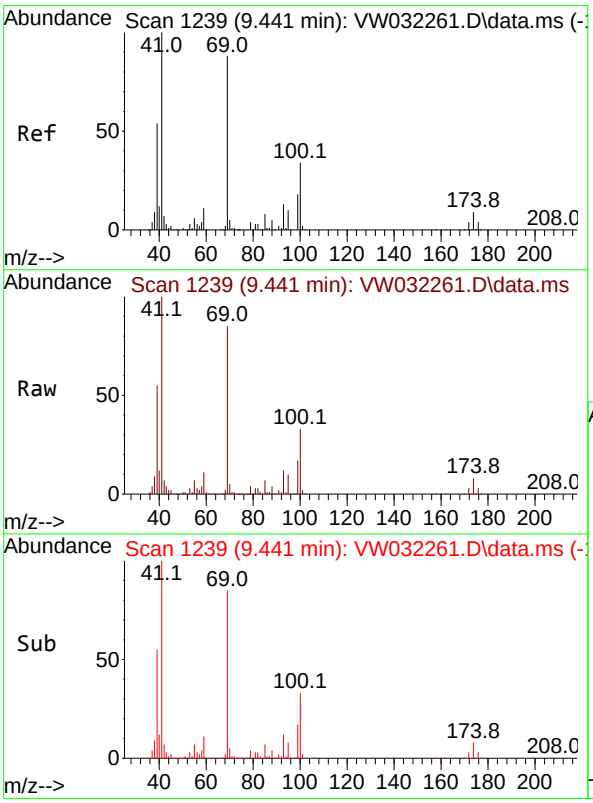
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.3	75.5
127	7.0	5.6	8.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

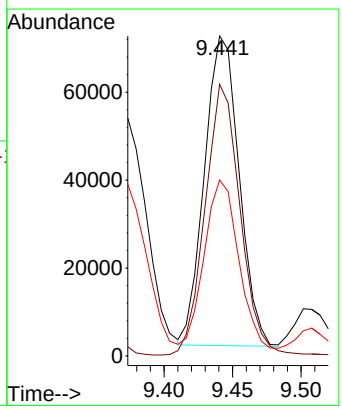
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

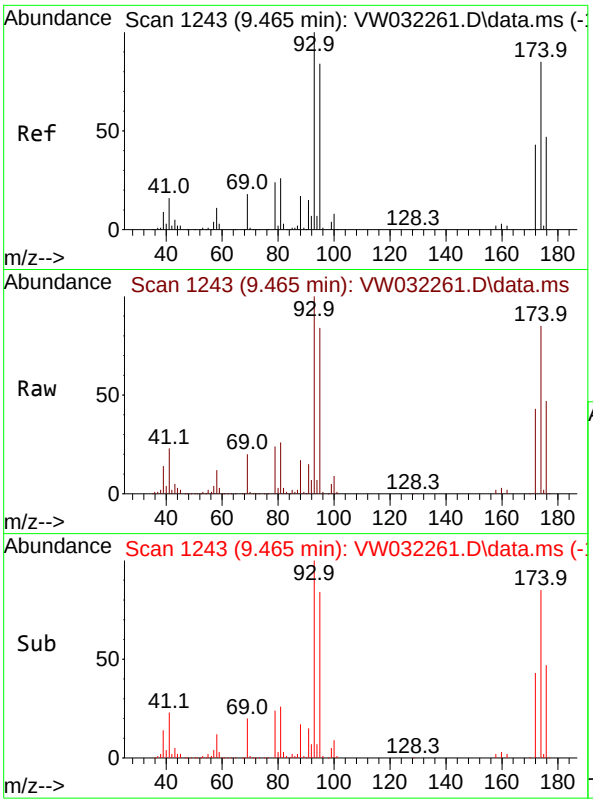


#48
Methyl methacrylate
Concen: 49.620 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 41 Resp: 123924

Ion	Ratio	Lower	Upper
41	100		
69	89.2	71.4	107.0
39	58.6	46.9	70.3

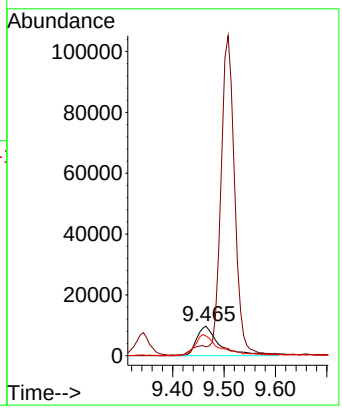




#49
1,4-Dioxane
Concen: 1000.100 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 88 Resp: 3002

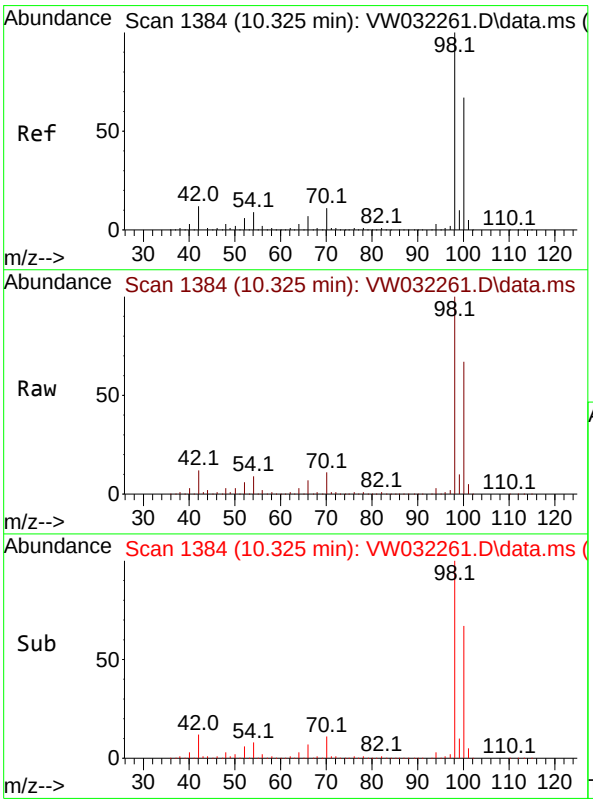
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	78.6	62.9	94.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

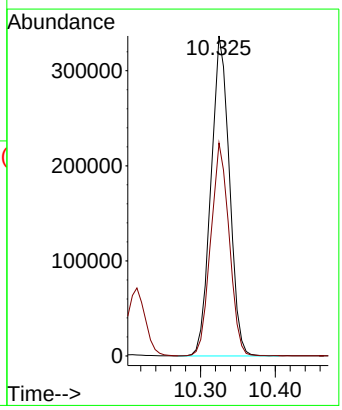
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

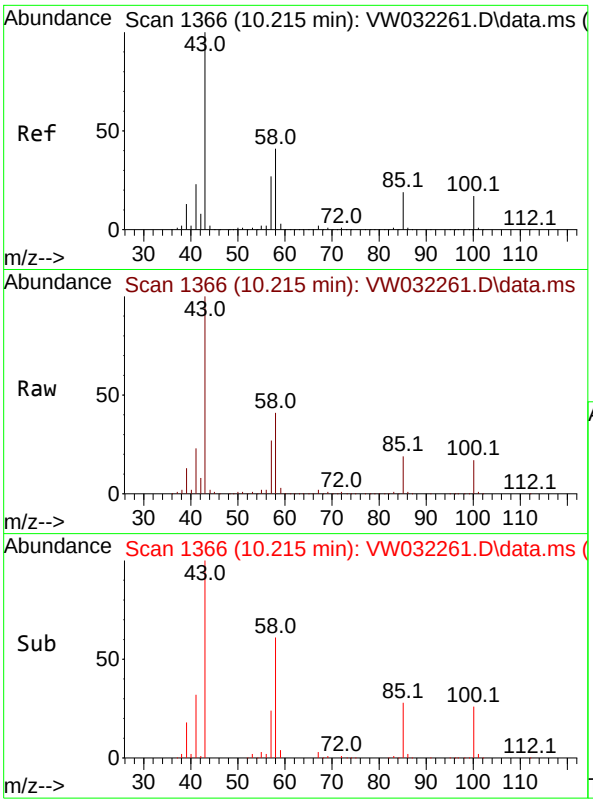


#50
Toluene-d8
Concen: 48.312 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 98 Resp: 577472

Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

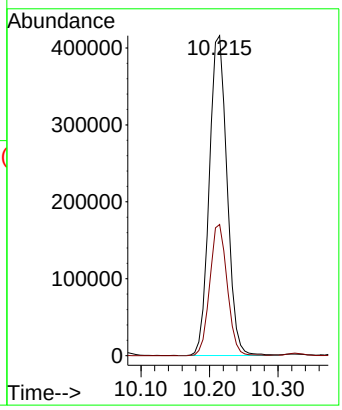




#51
4-Methyl-2-Pentanone
Concen: 237.557 ug/l
RT: 10.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 74770

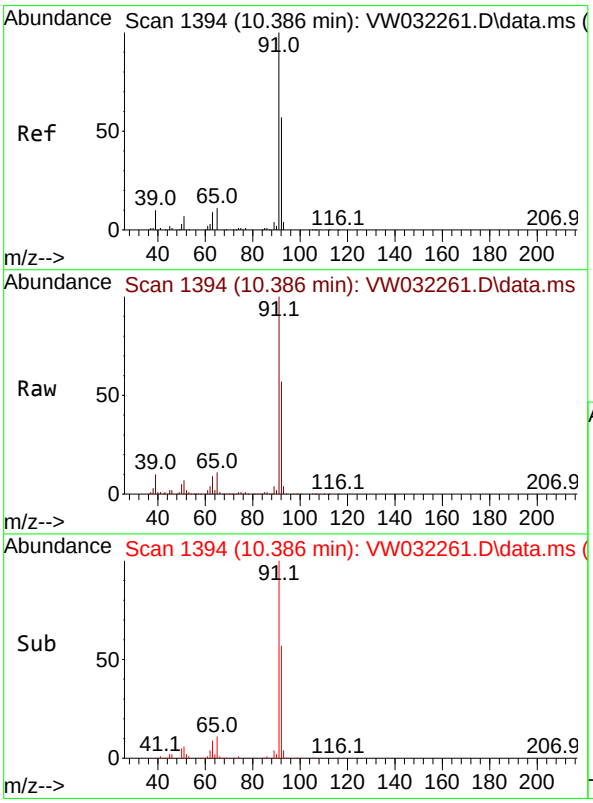
Ion	Ratio	Lower	Upper
43	100		
58	40.4	32.3	48.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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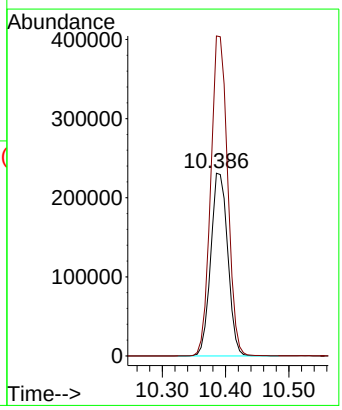
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

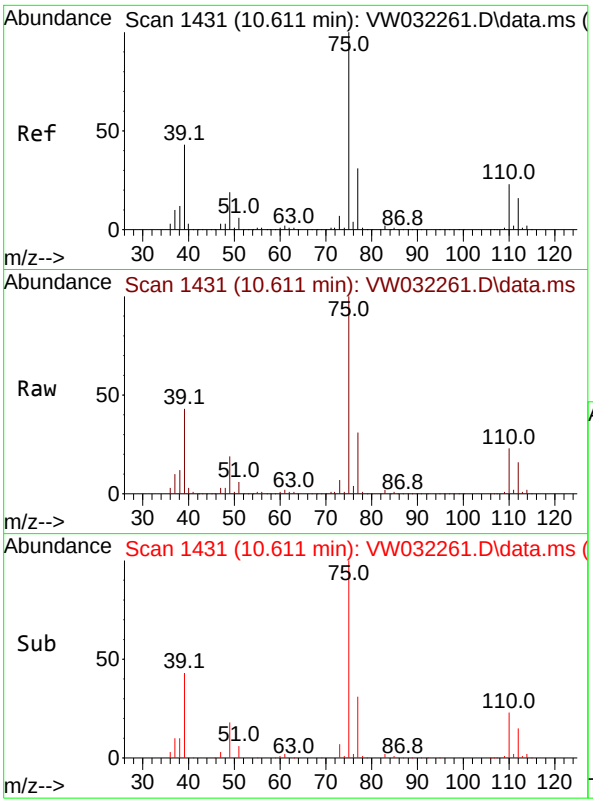


#52
Toluene
Concen: 49.529 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 92 Resp: 432072

Ion	Ratio	Lower	Upper
92	100		
91	174.0	139.2	208.8





#53
t-1,3-Dichloropropene
Concen: 49.964 ug/l
RT: 10.611 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

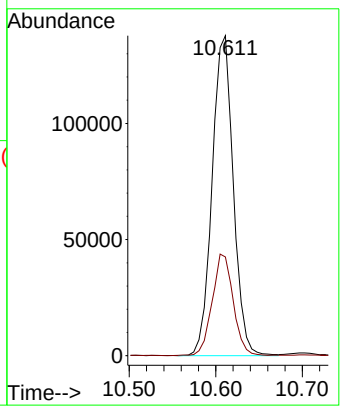
Tgt Ion: 75 Resp: 23401

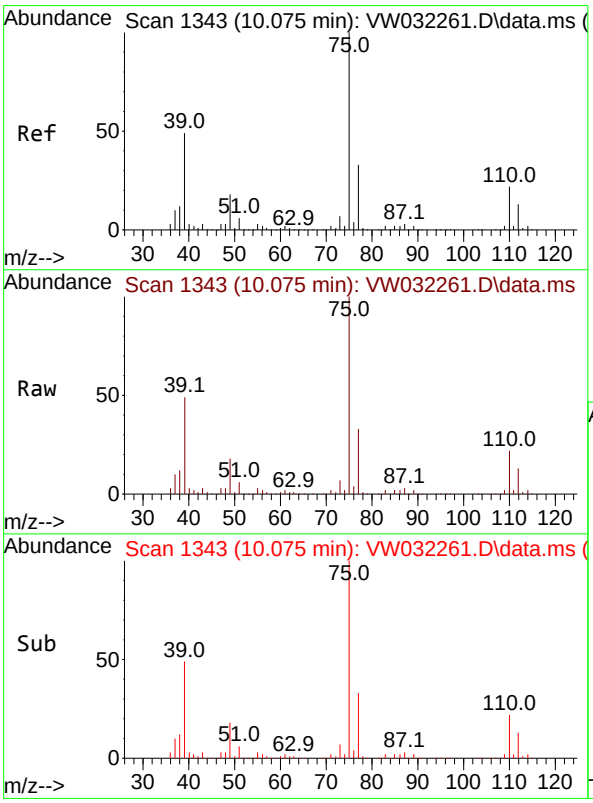
Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

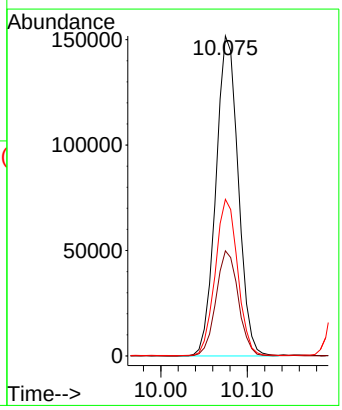


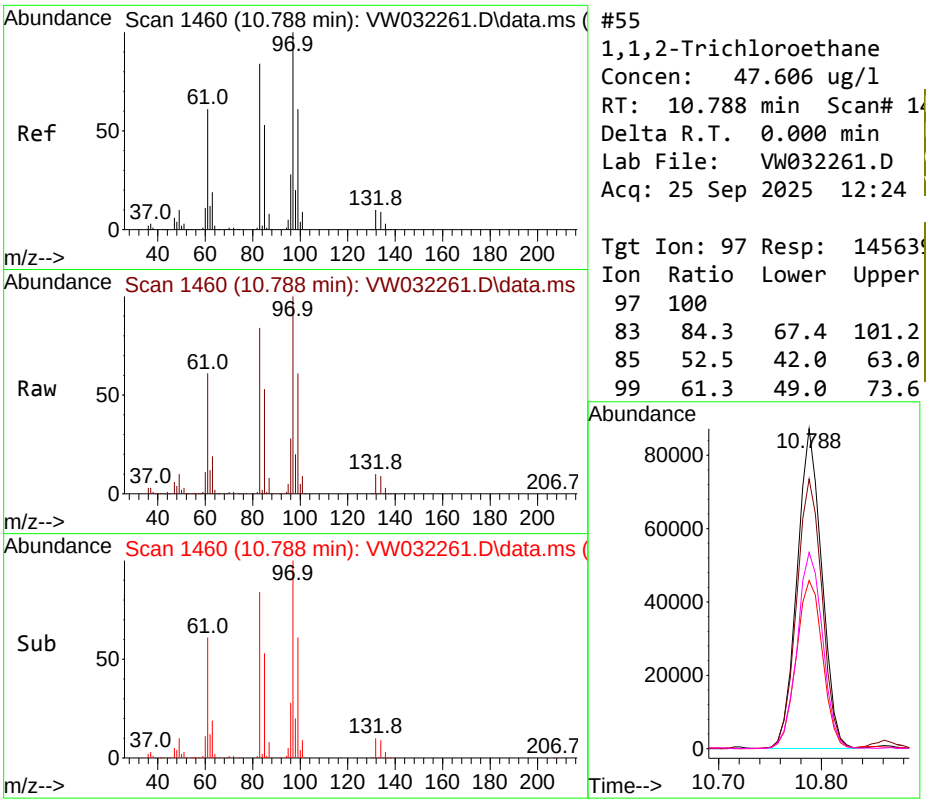


#54
cis-1,3-Dichloropropene
Concen: 50.355 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 75 Resp: 272276

Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.2	39.4
39	48.8	39.0	58.6





#55
1,1,2-Trichloroethane
Concen: 47.606 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

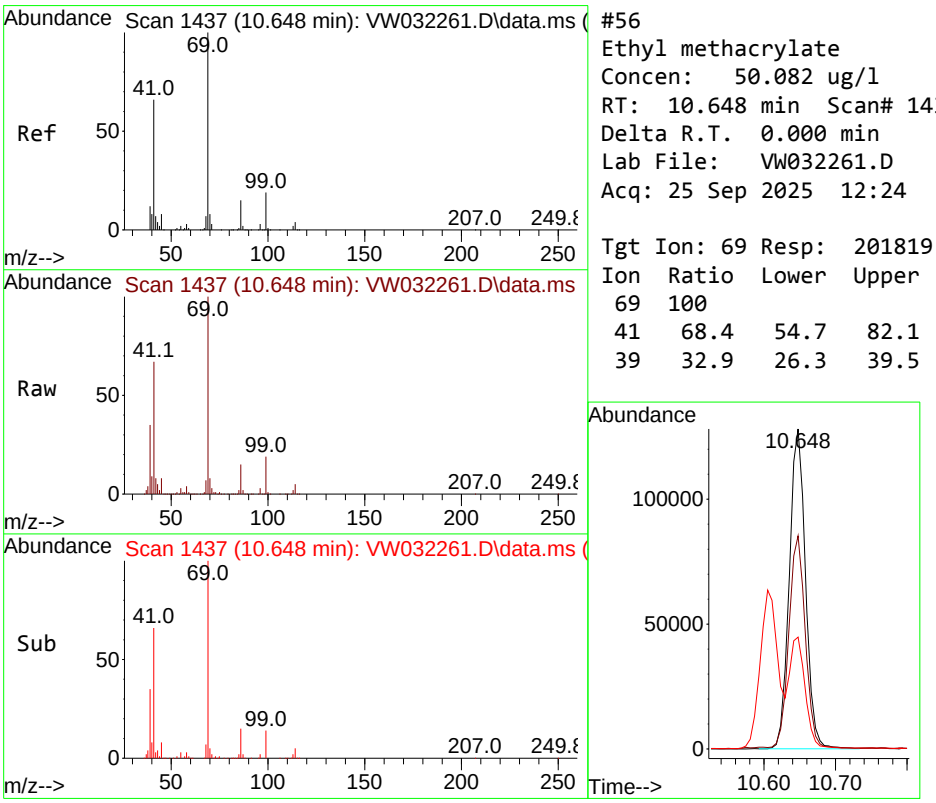
Tgt Ion: 97 Resp: 14563

Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.2
85	52.5	42.0	63.0
99	61.3	49.0	73.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

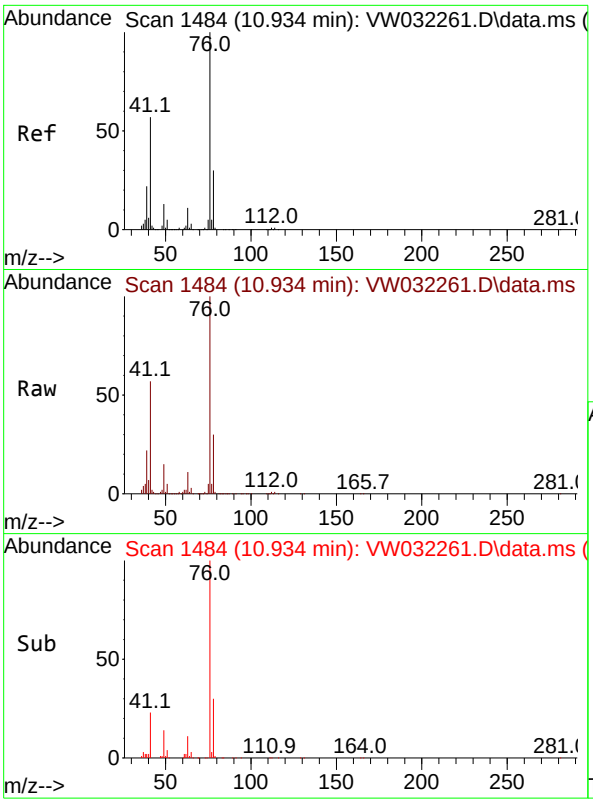
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#56
Ethyl methacrylate
Concen: 50.082 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 69 Resp: 201819

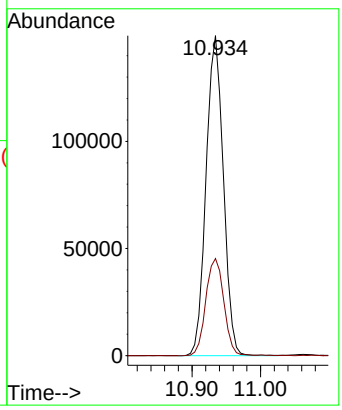
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.7	82.1
39	32.9	26.3	39.5



#57
1,3-Dichloropropane
Concen: 49.590 ug/l
RT: 10.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 76 Resp: 26208(

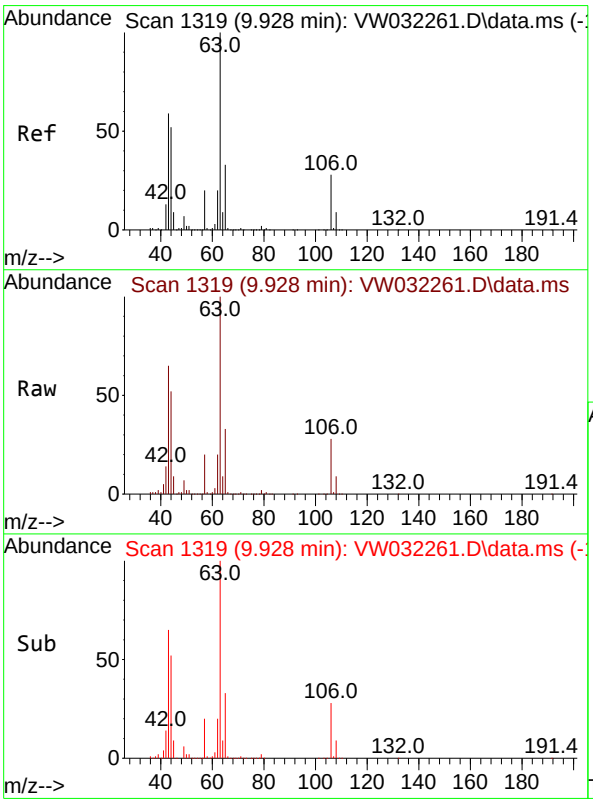
Ion	Ratio	Lower	Upper
76	100		
78	31.6	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

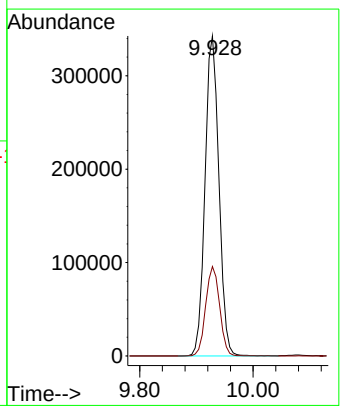
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

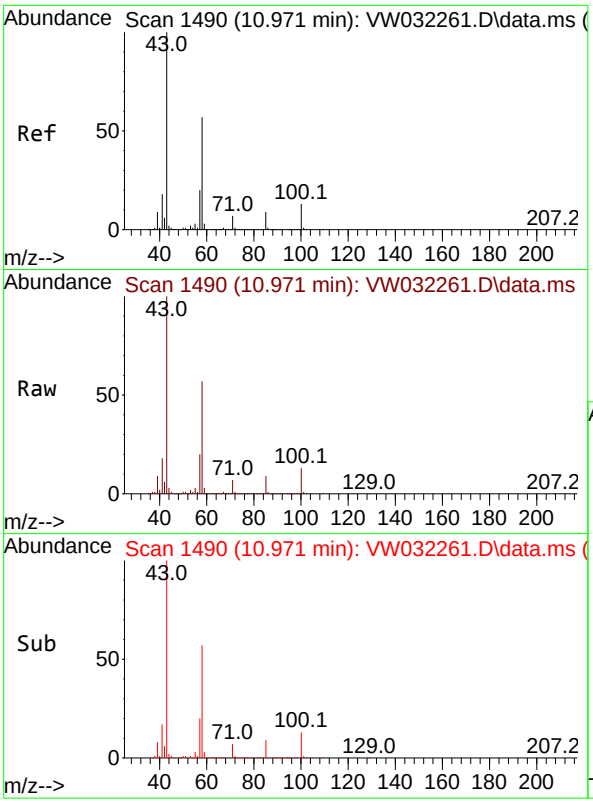


#58
2-Chloroethyl Vinyl ether
Concen: 262.662 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 63 Resp: 581038

Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.5	33.7





#59
2-Hexanone
Concen: 241.448 ug/l
RT: 10.971 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

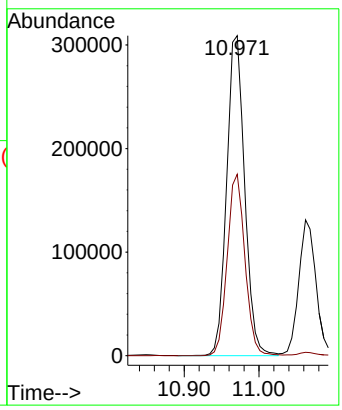
Tgt Ion: 43 Resp: 51896

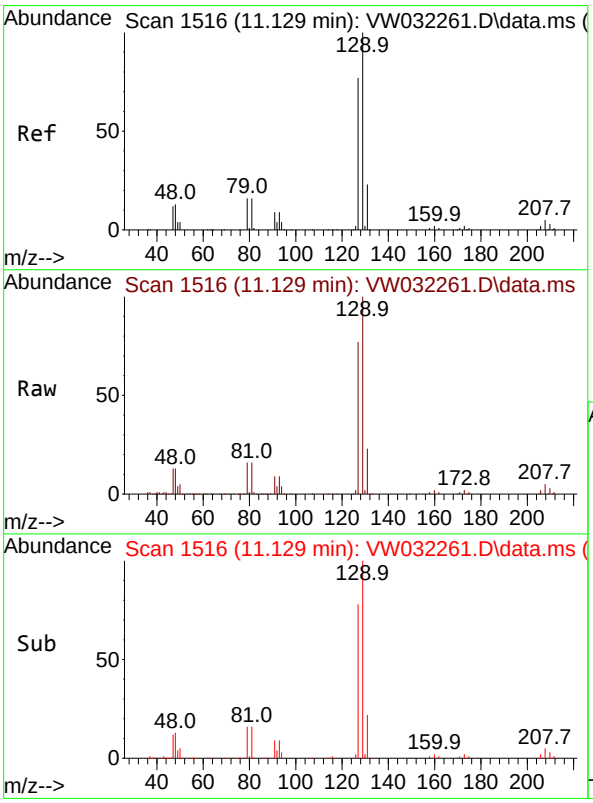
Ion	Ratio	Lower	Upper
43	100		
58	55.7	27.9	83.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

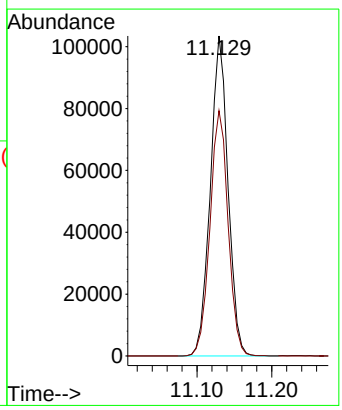


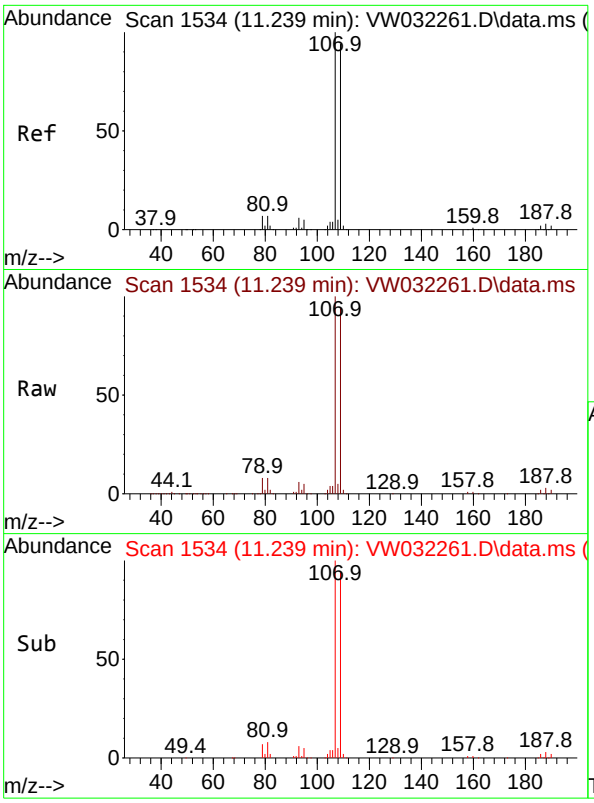


#60
Dibromochloromethane
Concen: 50.633 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:129 Resp: 170115

Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.3	117.8

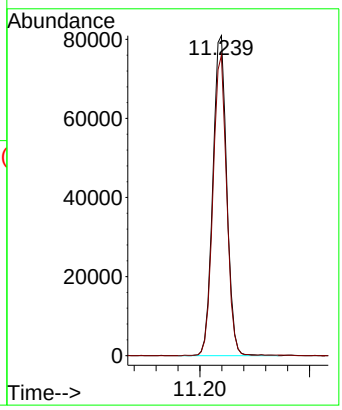




#61
1,2-Dibromoethane
Concen: 48.966 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:107 Resp: 14191

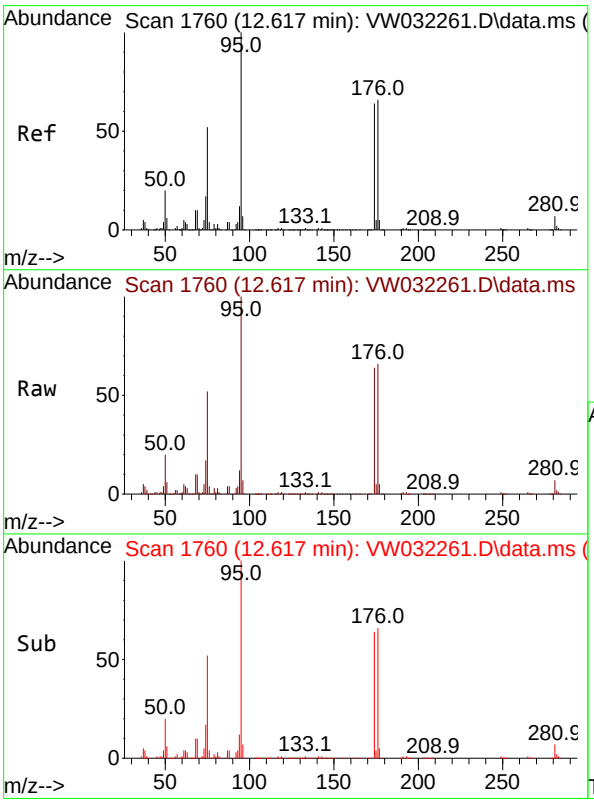
Ion	Ratio	Lower	Upper
107	100		
109	92.6	74.1	111.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
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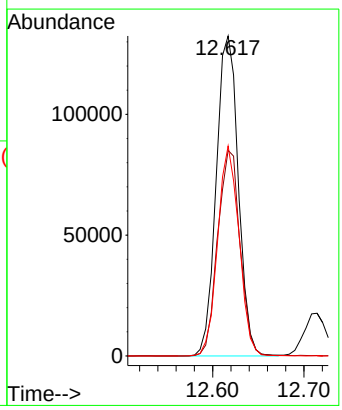
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

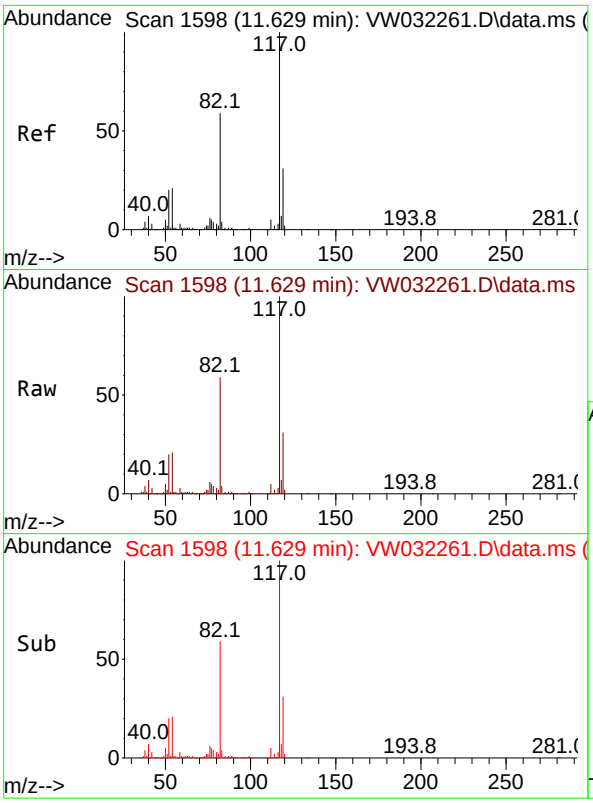


#62
4-Bromofluorobenzene
Concen: 49.323 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 95 Resp: 222382

Ion	Ratio	Lower	Upper
95	100		
174	65.3	0.0	130.6
176	63.5	0.0	127.0

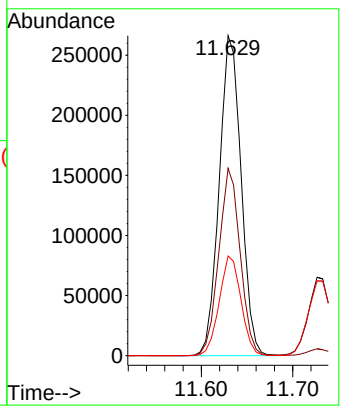




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:117 Resp: 44338

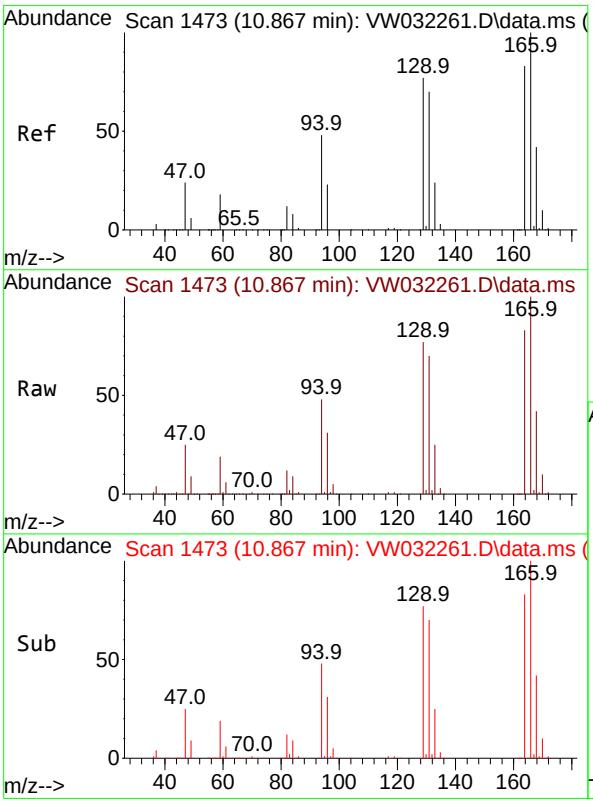
Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.9	70.3
119	31.1	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

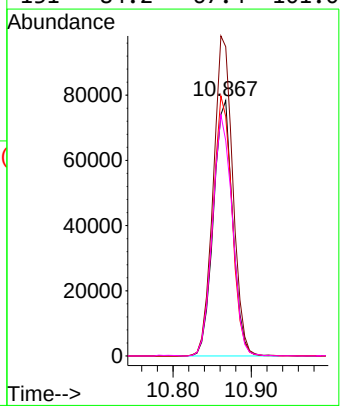
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

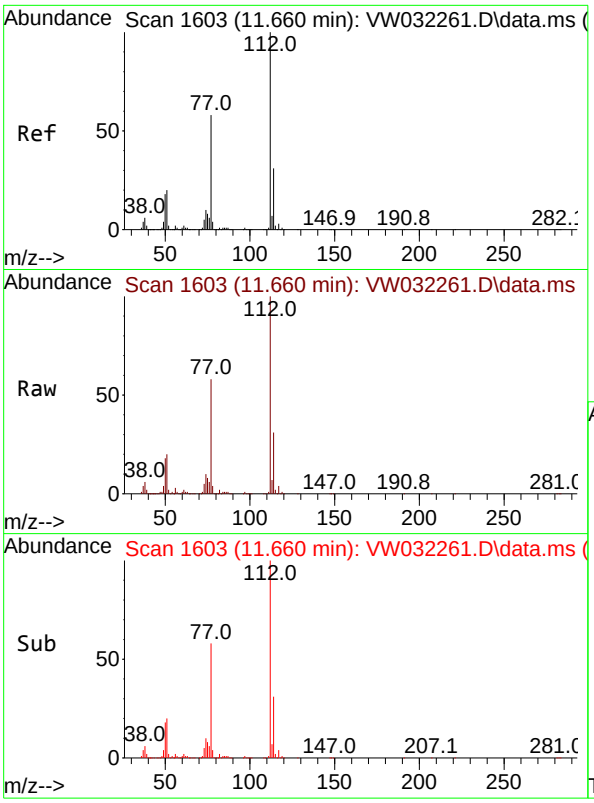


#64
Tetrachloroethene
Concen: 49.455 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:164 Resp: 133631

Ion	Ratio	Lower	Upper
164	100		
166	121.1	96.9	145.3
129	93.7	75.0	112.4
131	84.2	67.4	101.0

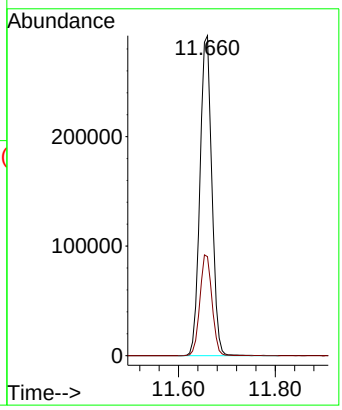




#65
Chlorobenzene
Concen: 48.890 ug/l
RT: 11.660 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:112 Resp: 49932(

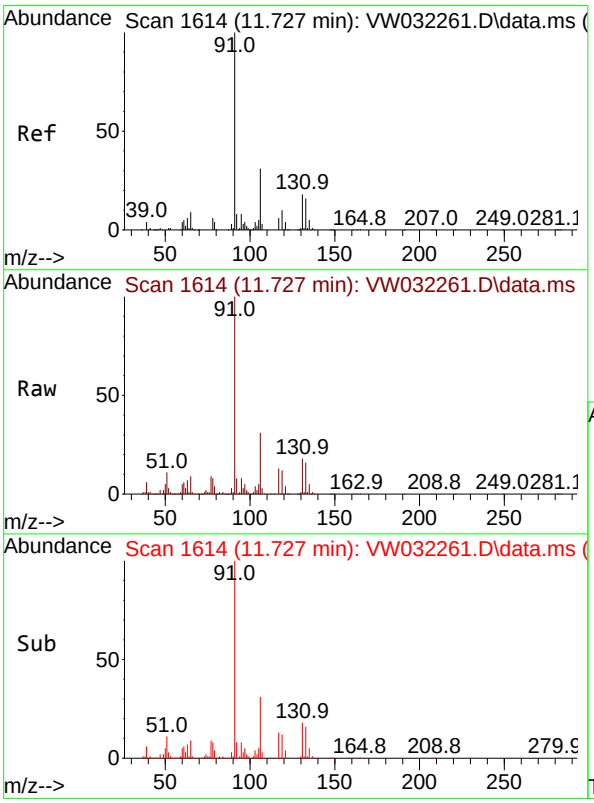
Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

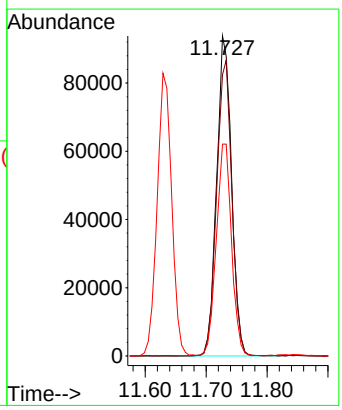
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

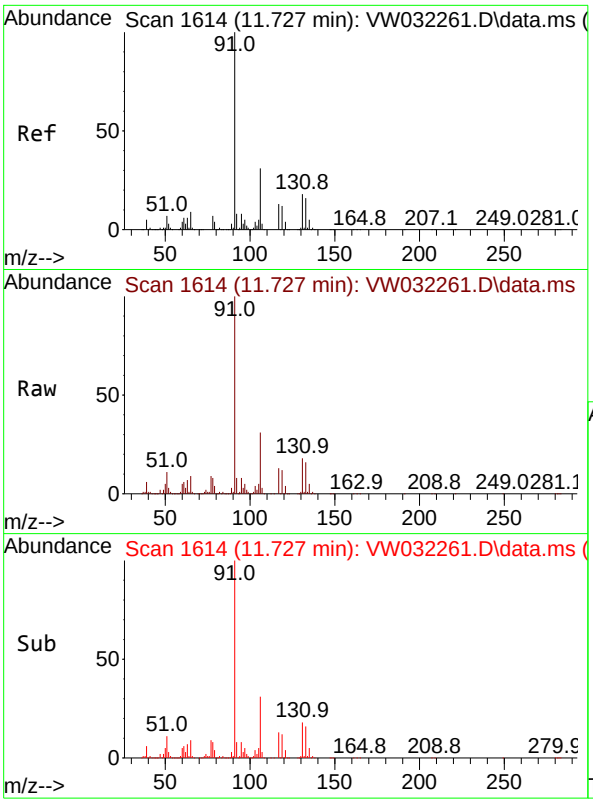


#66
1,1,1,2-Tetrachloroethane
Concen: 49.447 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:131 Resp: 159711

Ion	Ratio	Lower	Upper
131	100		
133	94.2	47.1	141.3
119	67.8	33.9	101.7

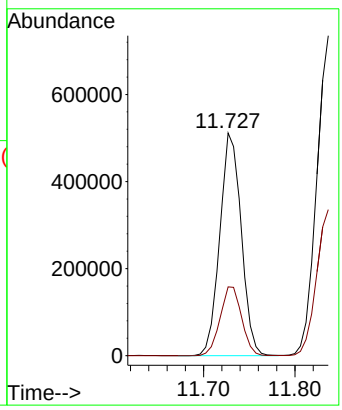




#67
Ethyl Benzene
Concen: 49.923 ug/l
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 91 Resp: 83456

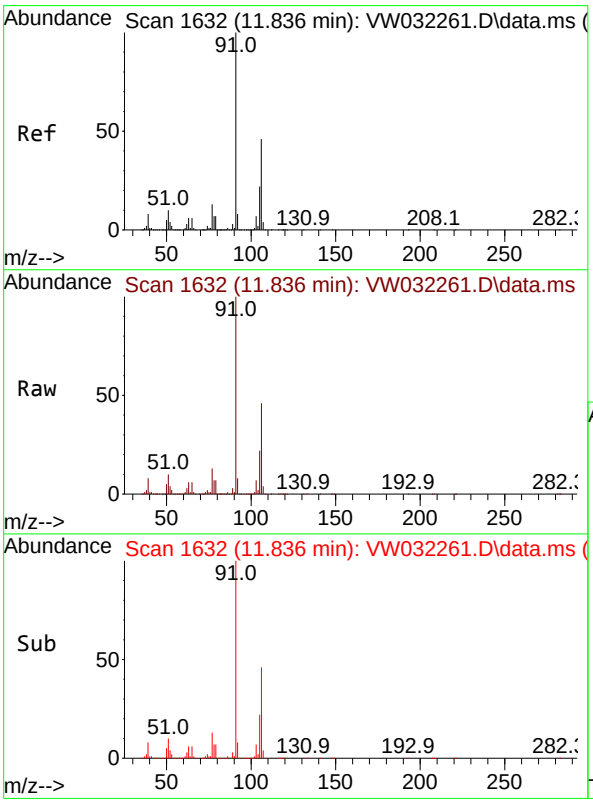
Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

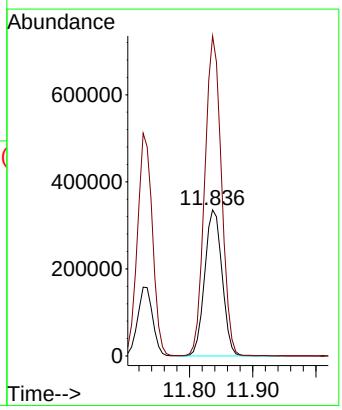
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

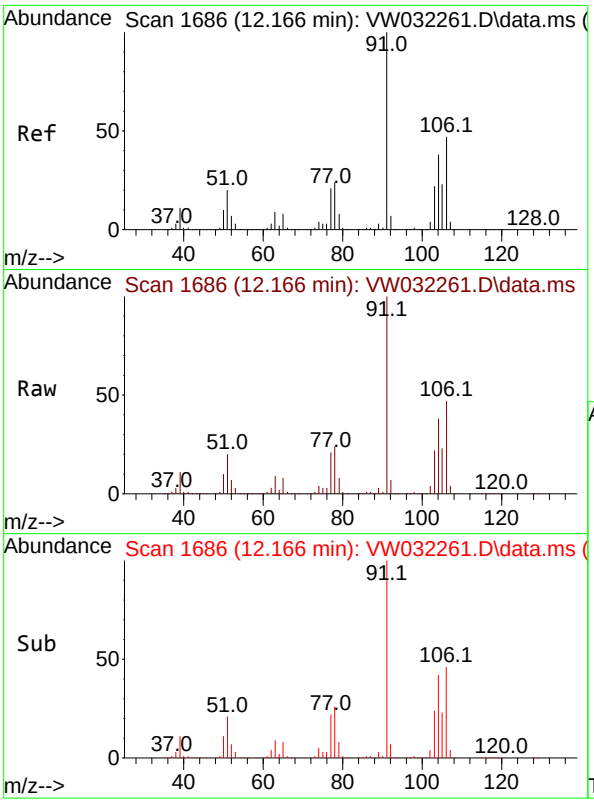


#68
m/p-Xylenes
Concen: 99.765 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:106 Resp: 639320

Ion	Ratio	Lower	Upper
106	100		
91	211.2	169.0	253.4

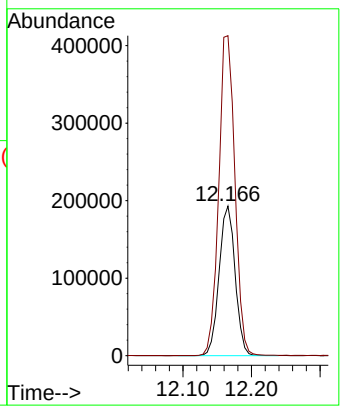




#69
o-Xylene
Concen: 51.830 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:106 Resp: 31214

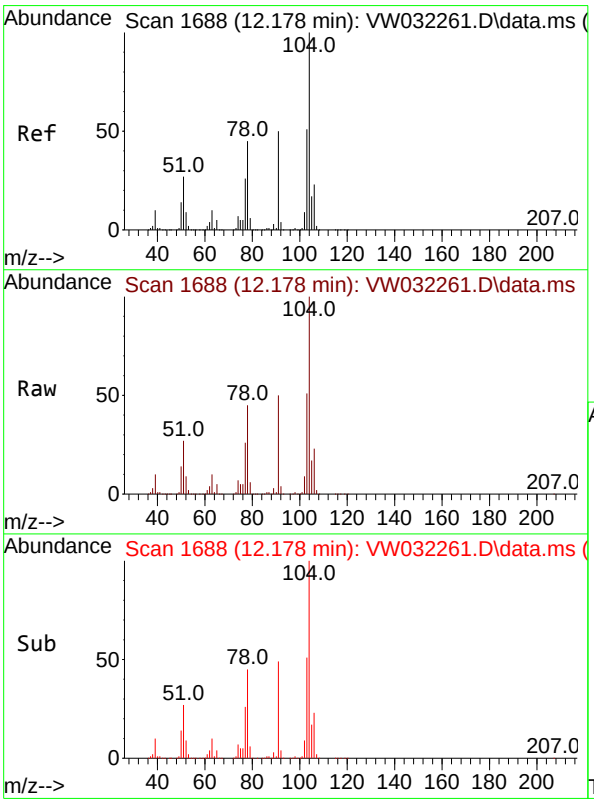
Ion	Ratio	Lower	Upper
106	100		
91	215.7	107.8	323.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

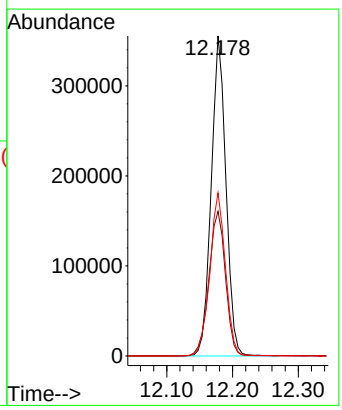
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

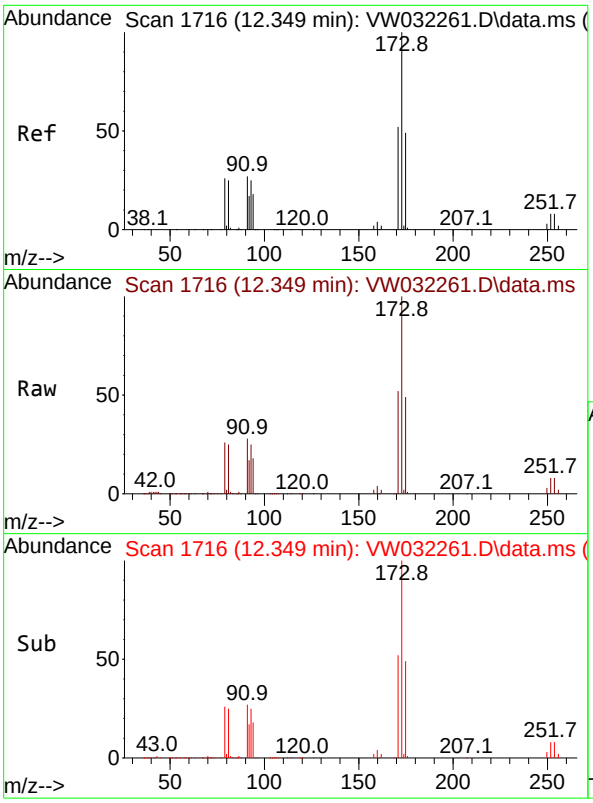


#70
Styrene
Concen: 52.353 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:104 Resp: 552922

Ion	Ratio	Lower	Upper
104	100		
78	51.0	40.8	61.2
103	54.3	43.4	65.2

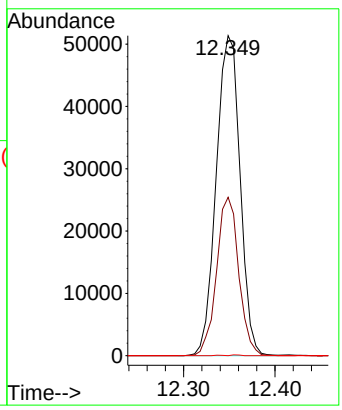




#71
Bromoform
Concen: 49.493 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:173 Resp: 9315

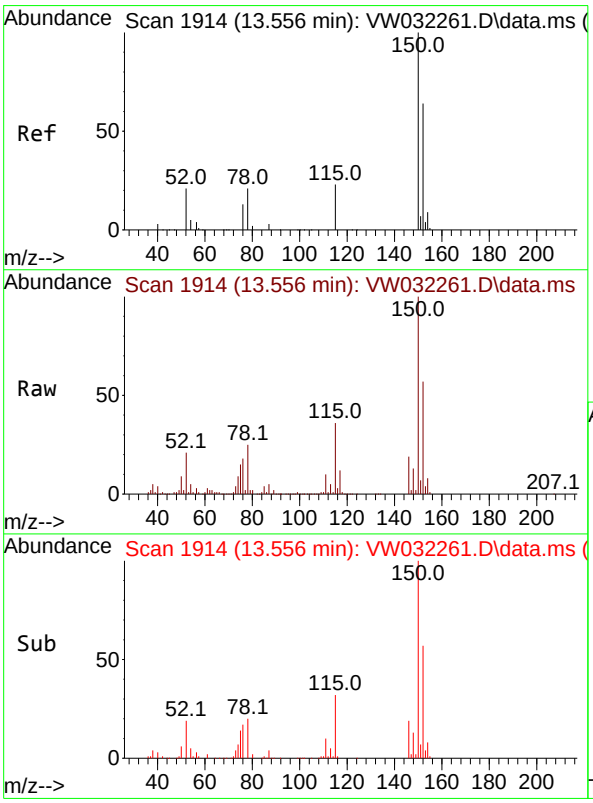
Ion	Ratio	Lower	Upper
173	100		
175	46.1	23.1	69.2
254	0.1	0.1	0.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

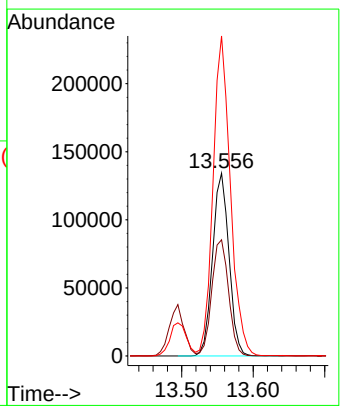
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

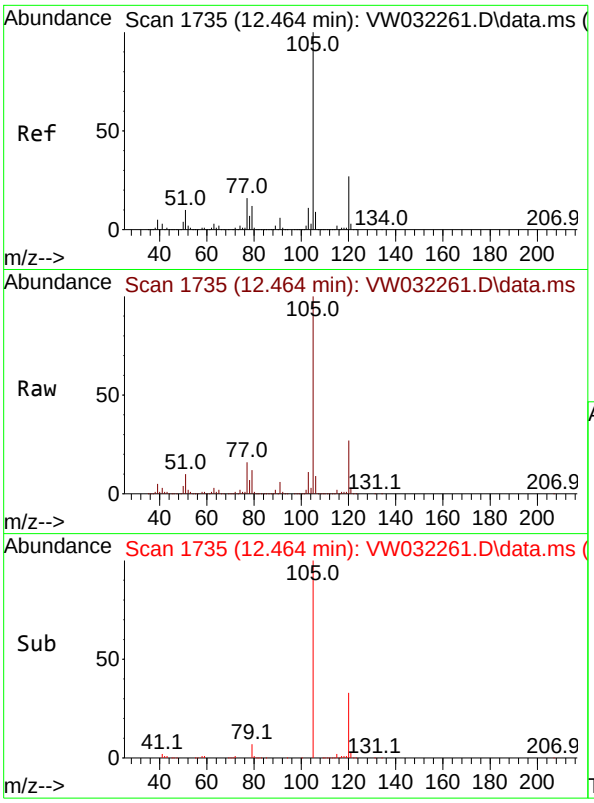


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:152 Resp: 213560

Ion	Ratio	Lower	Upper
152	100		
115	65.0	32.5	97.5
150	185.1	0.0	370.2

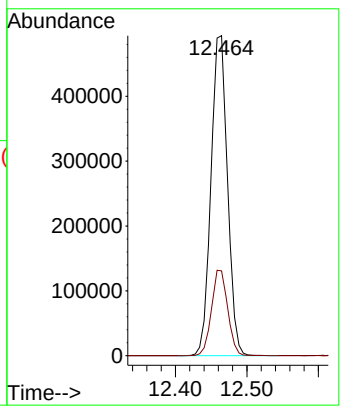




#73
Isopropylbenzene
Concen: 53.222 ug/l
RT: 12.464 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:105 Resp: 79109

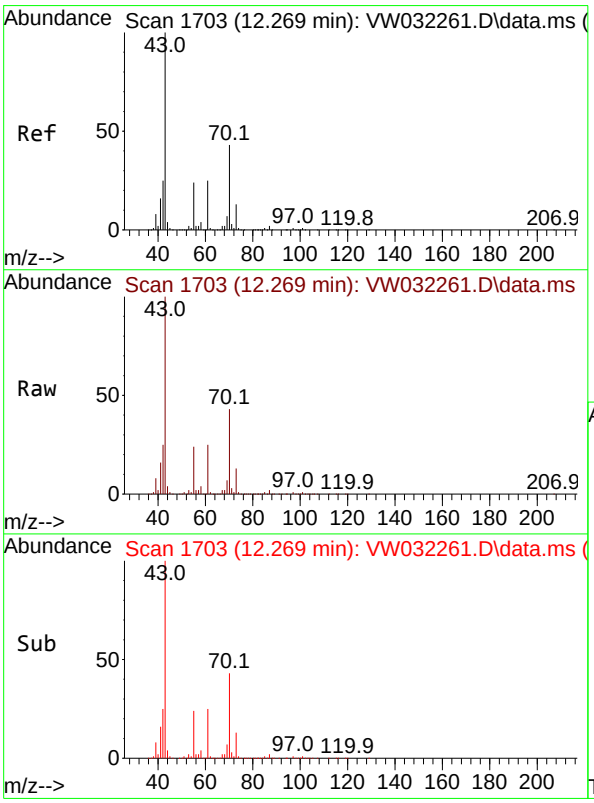
Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

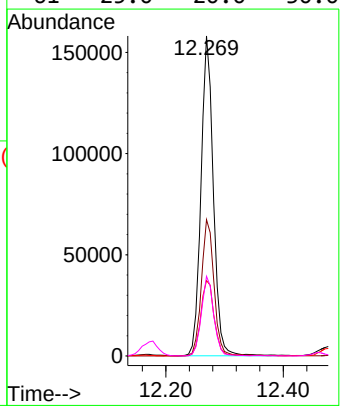
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

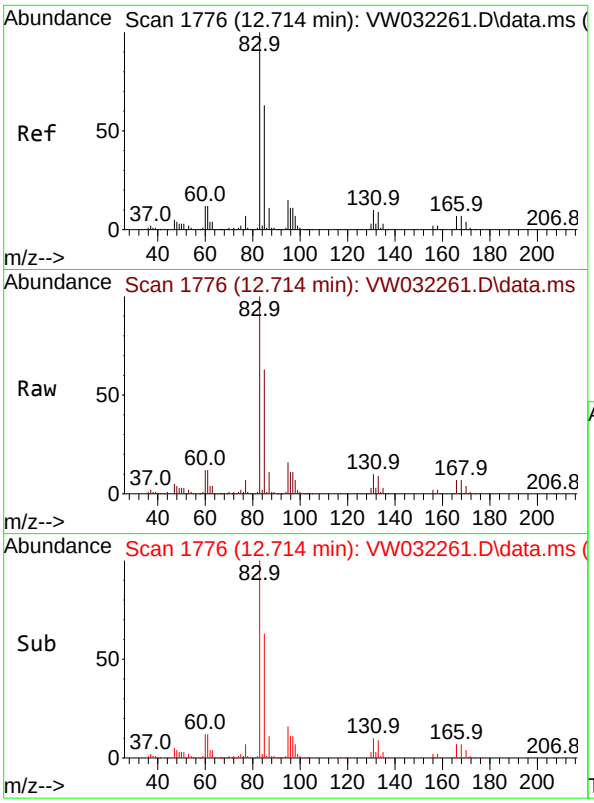


#74
N-amyl acetate
Concen: 49.357 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 43 Resp: 231039

Ion	Ratio	Lower	Upper
43	100		
70	43.7	35.0	52.4
55	25.8	20.6	31.0
61	25.0	20.0	30.0

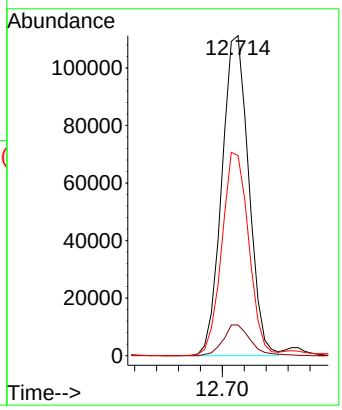




#75
1,1,2,2-Tetrachloroethane
Concen: 48.542 ug/l
RT: 12.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 83 Resp: 18918

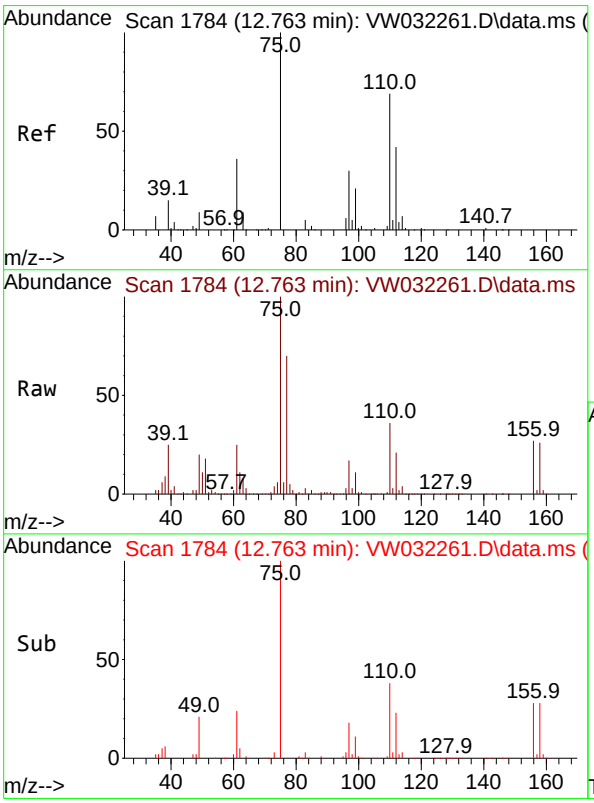
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.8	31.9	95.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

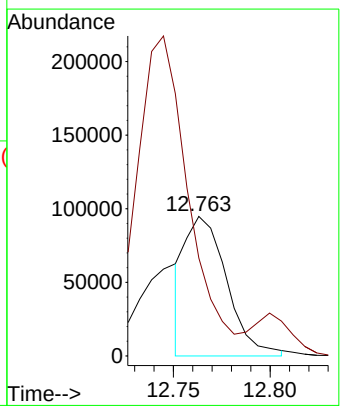
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

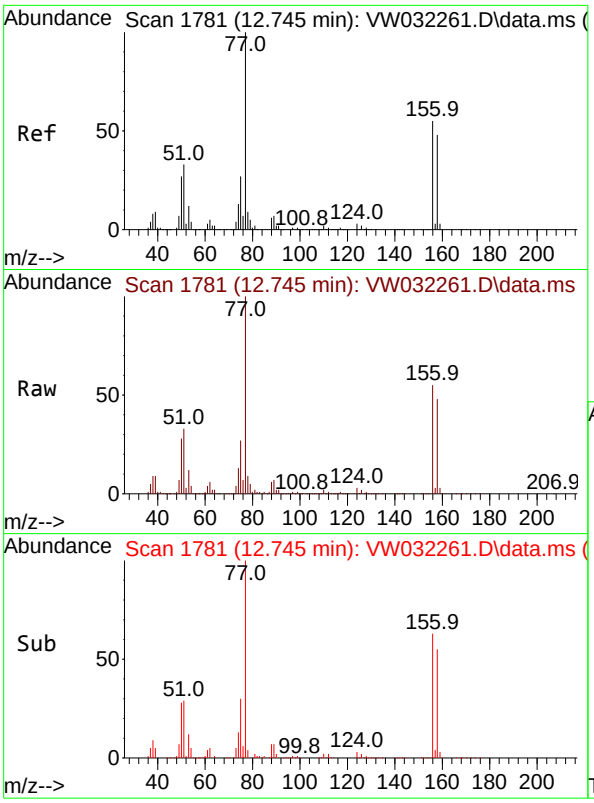


#76
1,2,3-Trichloropropane
Concen: 42.260 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 75 Resp: 141938

Ion	Ratio	Lower	Upper
75	100		
77	284.9	140.9	422.7

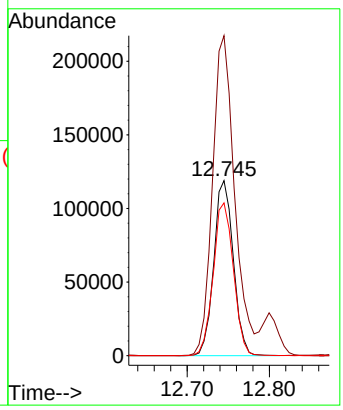




#77
Bromobenzene
Concen: 53.552 ug/l
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:156 Resp: 19578

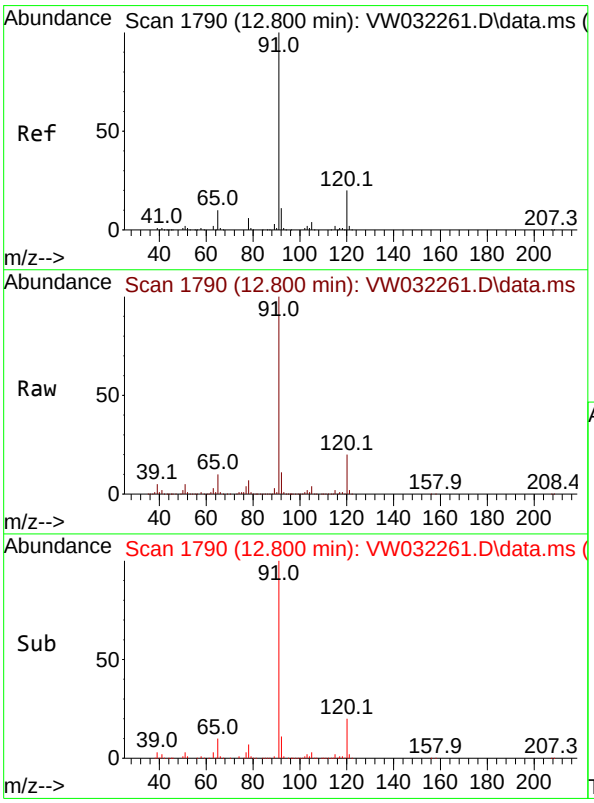
Ion	Ratio	Lower	Upper
156	100		
77	206.5	103.3	309.8
158	90.8	45.4	136.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

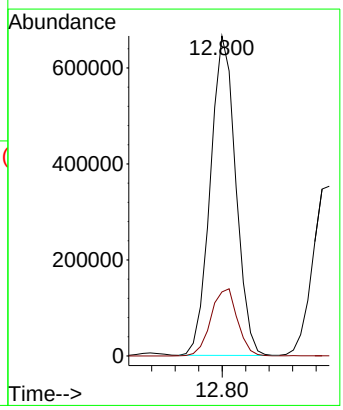
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

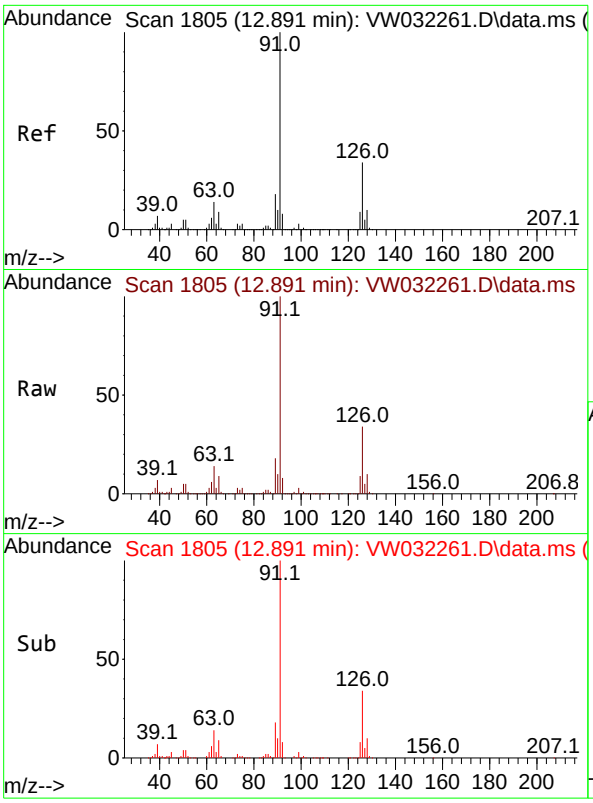


#78
n-propylbenzene
Concen: 53.593 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 91 Resp: 1000628

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.9

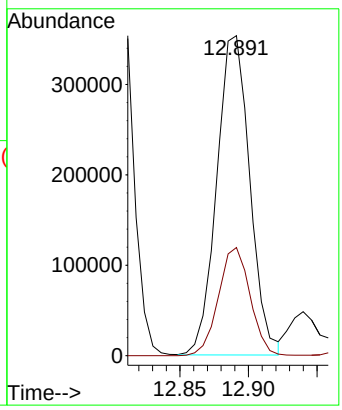




#79
2-Chlorotoluene
Concen: 52.428 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 91 Resp: 59297

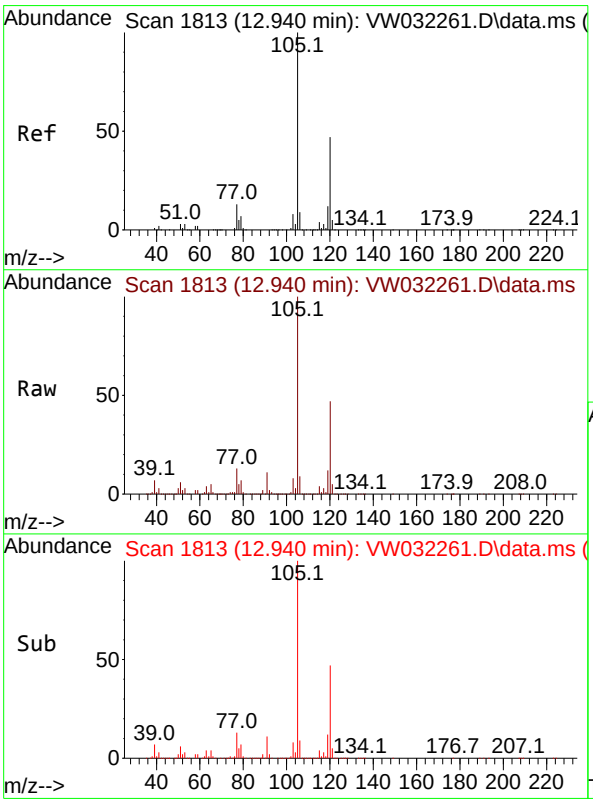
Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

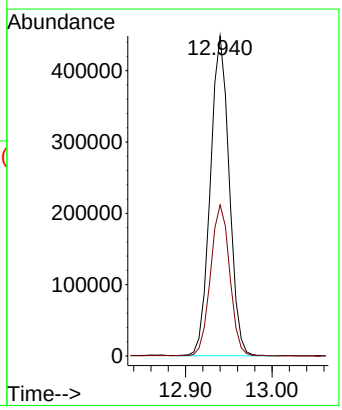
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

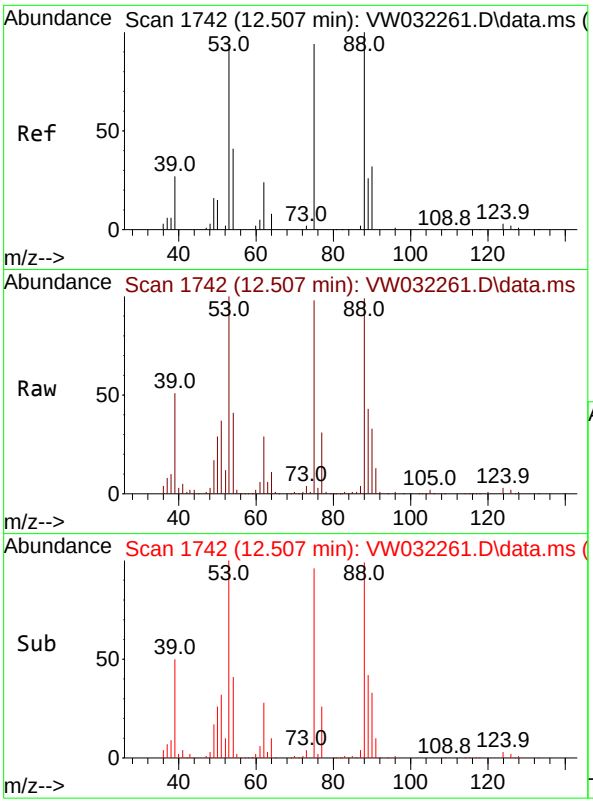


#80
1,3,5-Trimethylbenzene
Concen: 53.361 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:105 Resp: 678131

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.954 ug/l
RT: 12.507 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

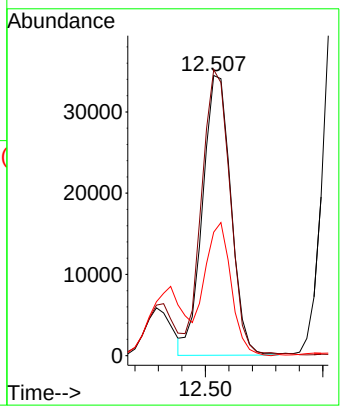
Tgt Ion: 75 Resp: 5763

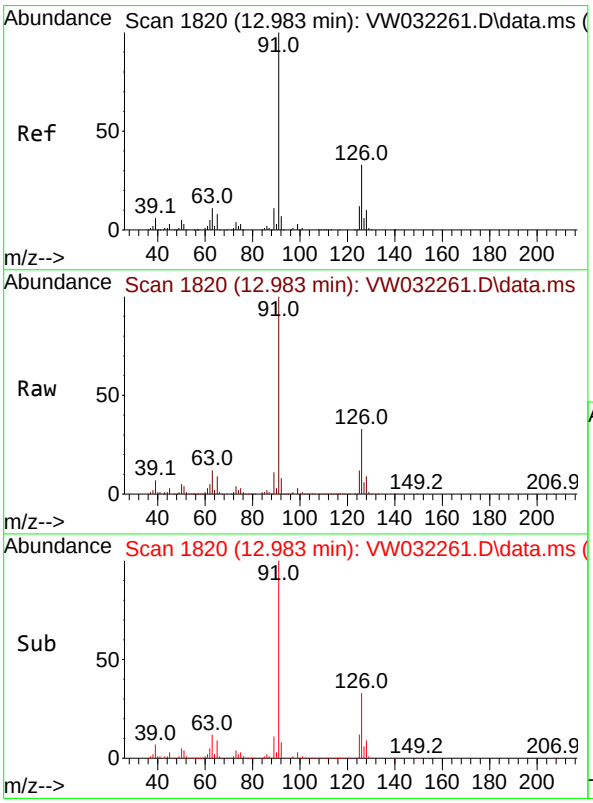
Ion	Ratio	Lower	Upper
75	100		
53	101.8	81.4	122.2
89	44.3	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

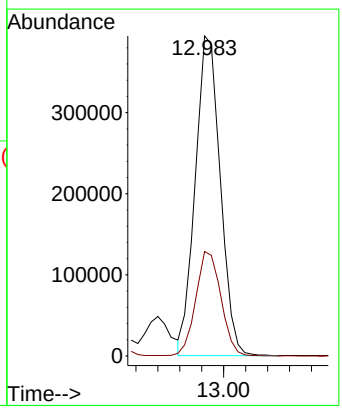


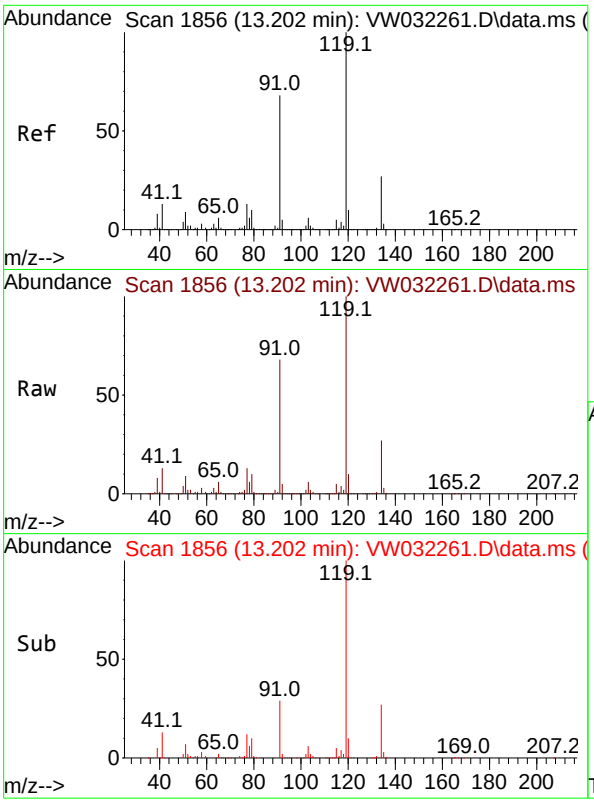


#82
4-Chlorotoluene
Concen: 52.316 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 91 Resp: 625344

Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.5	49.5

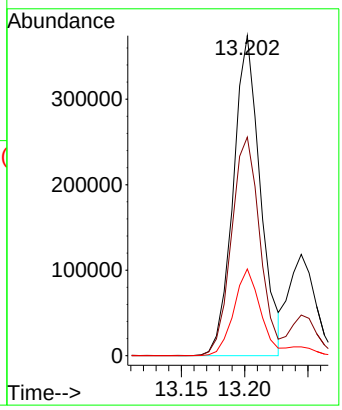




#83
tert-Butylbenzene
Concen: 52.587 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:119 Resp: 55889

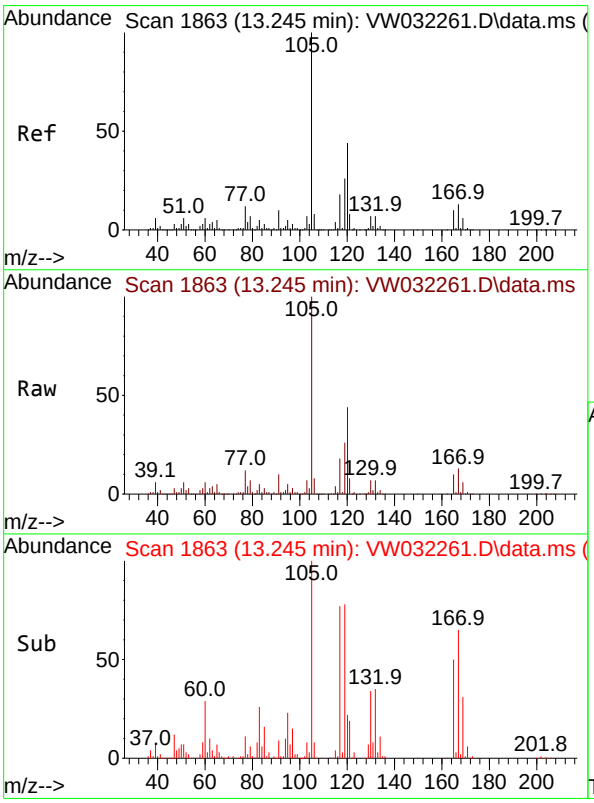
Ion	Ratio	Lower	Upper
119	100		
91	71.0	35.5	106.5
134	26.9	13.5	40.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

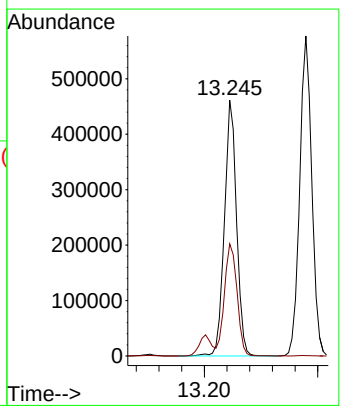
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

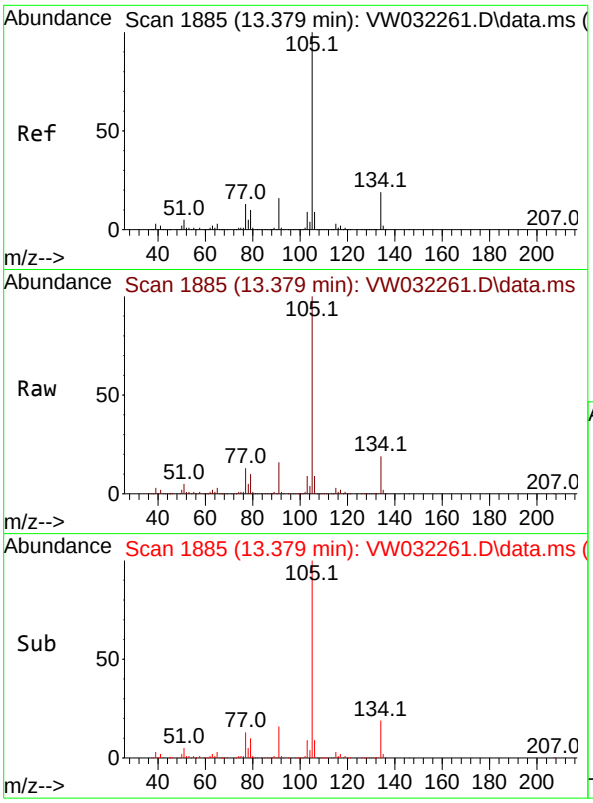


#84
1,2,4-Trimethylbenzene
Concen: 52.990 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:105 Resp: 683724

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.8	68.3

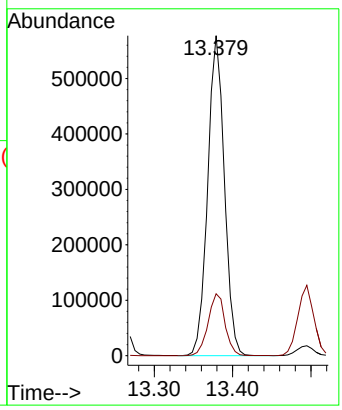




#85
sec-Butylbenzene
Concen: 53.372 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:105 Resp: 85181

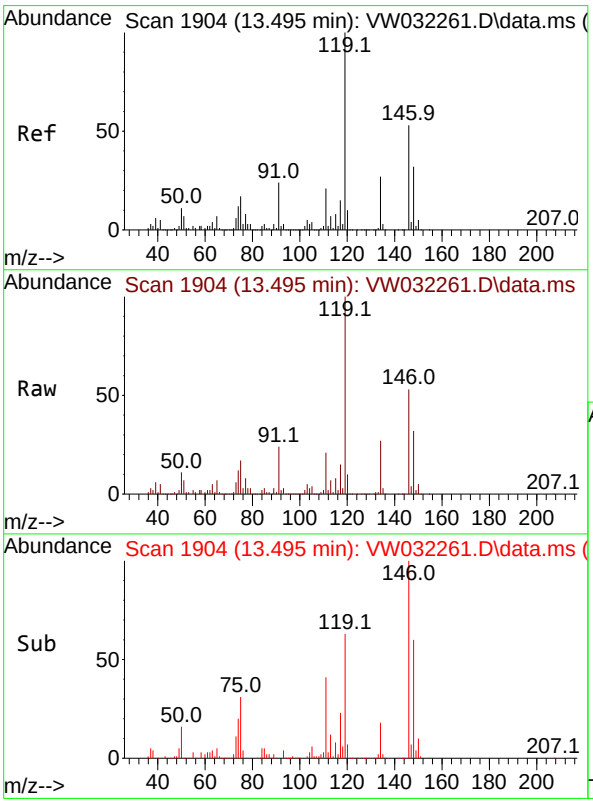
Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

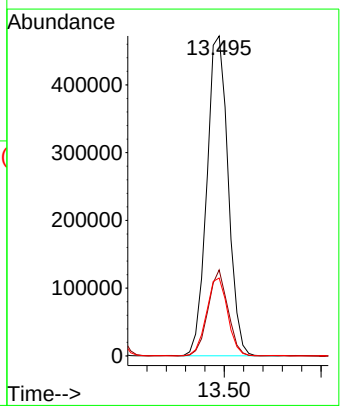
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

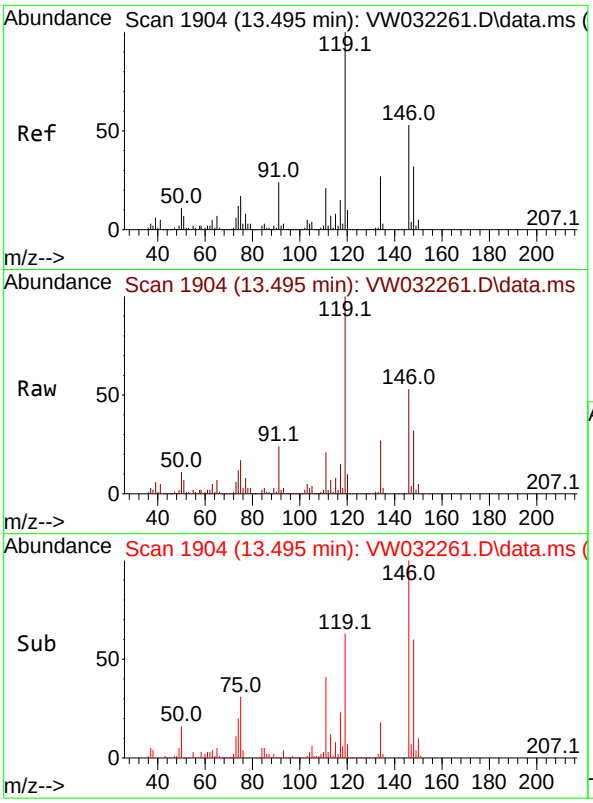


#86
p-Isopropyltoluene
Concen: 54.612 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:119 Resp: 721846

Ion	Ratio	Lower	Upper
119	100		
134	25.0	12.5	37.5
91	24.2	12.1	36.3

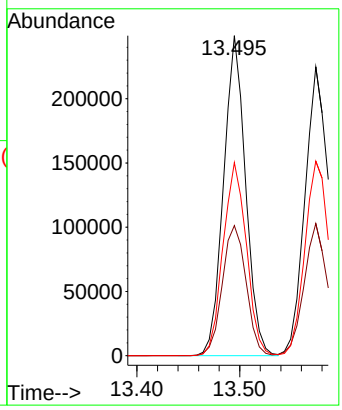




#87
1,3-Dichlorobenzene
Concen: 51.310 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:146 Resp: 37105

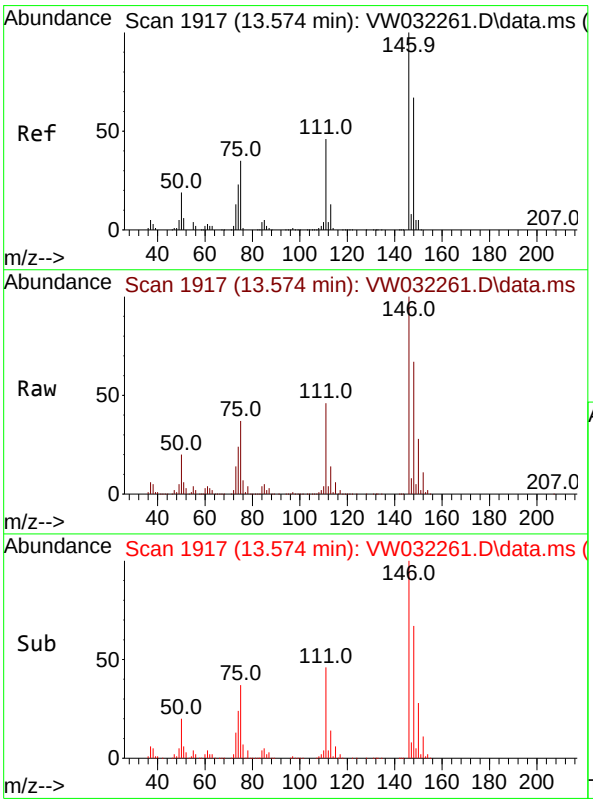
Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.5
148	63.9	31.9	95.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

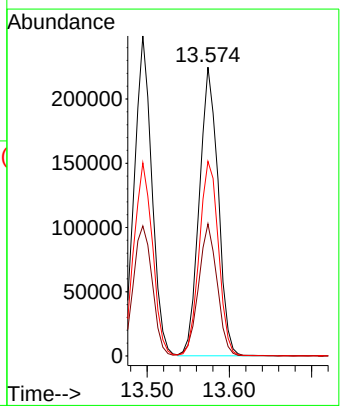
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

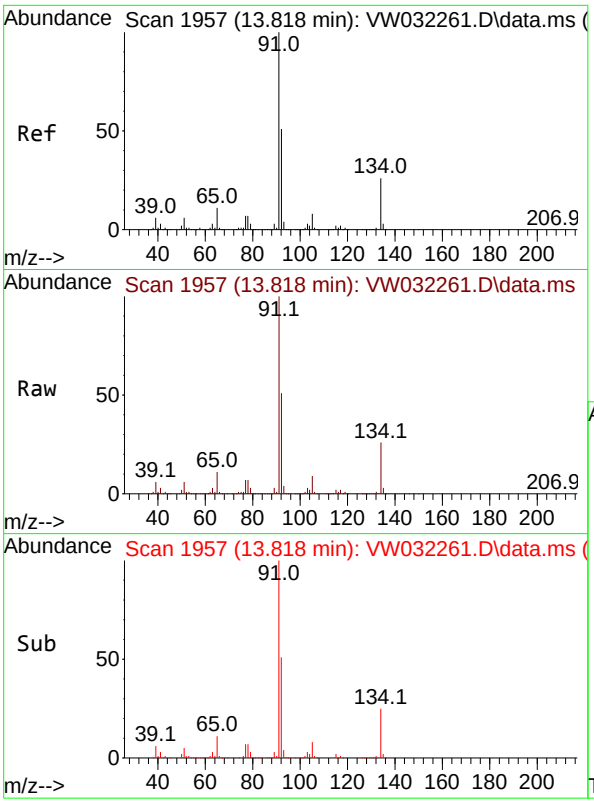


#88
1,4-Dichlorobenzene
Concen: 48.381 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:146 Resp: 357426

Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.4	67.2
148	68.7	34.4	103.1

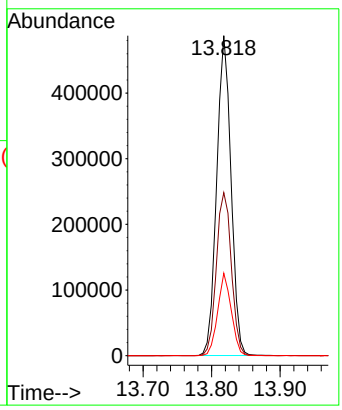




#89
n-Butylbenzene
Concen: 53.238 ug/l
RT: 13.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 91 Resp: 70620

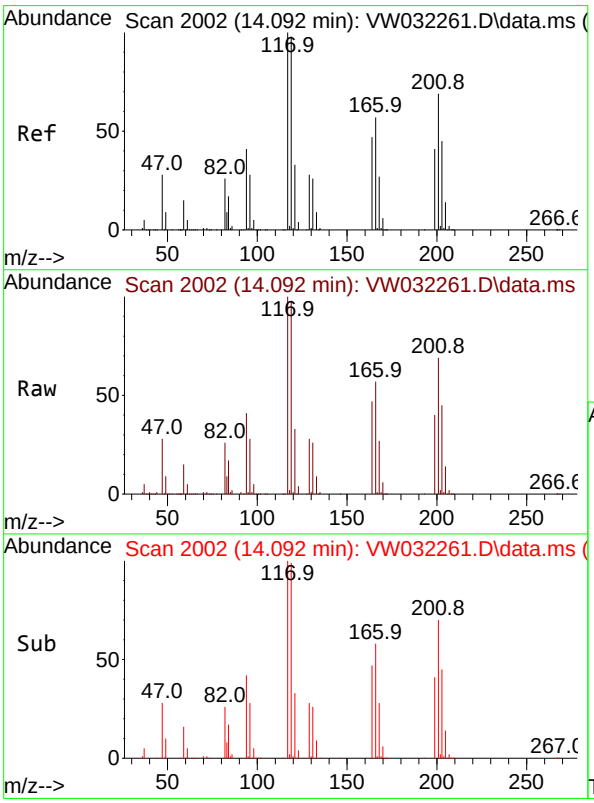
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.1
134	24.5	12.3	36.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

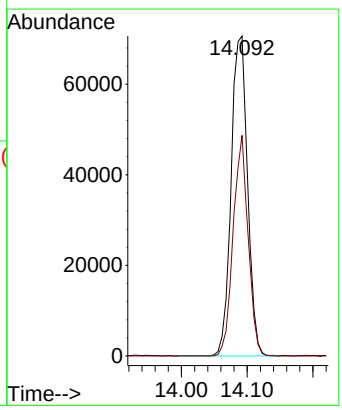
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

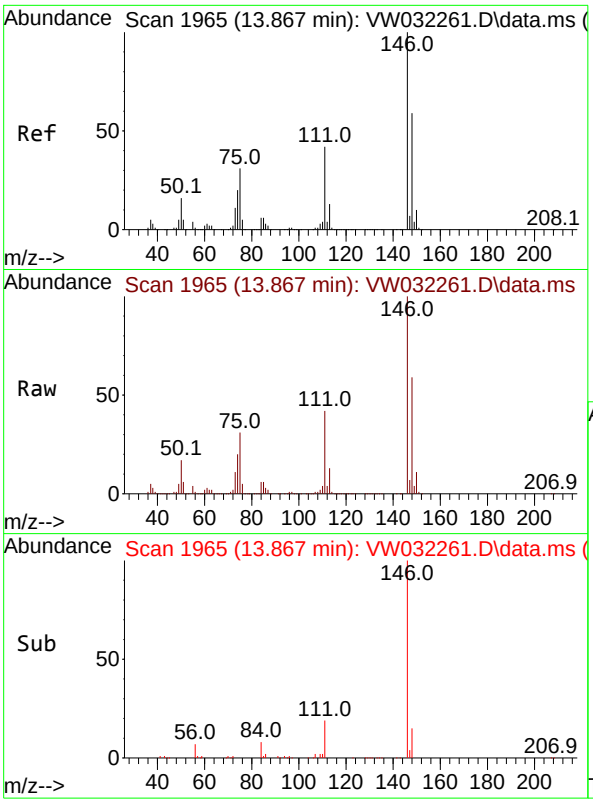


#90
Hexachloroethane
Concen: 49.885 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:117 Resp: 122891

Ion	Ratio	Lower	Upper
117	100		
201	62.7	31.4	94.0

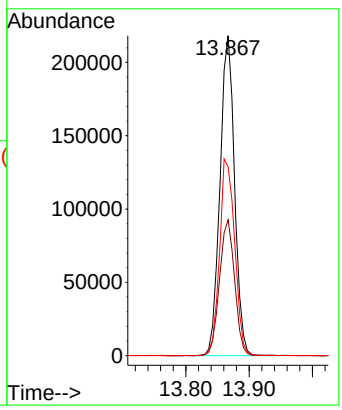




#91
1,2-Dichlorobenzene
Concen: 51.447 ug/l
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:146 Resp: 34804

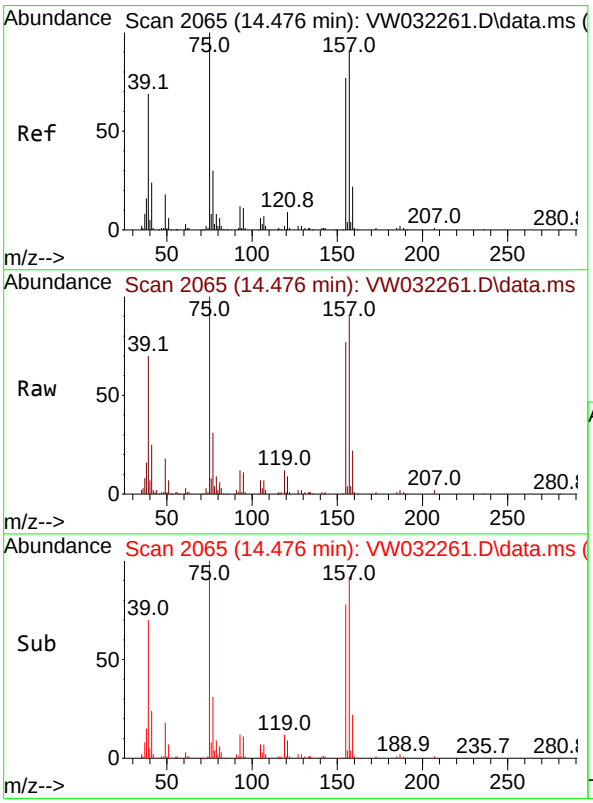
Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.8
148	63.7	31.9	95.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

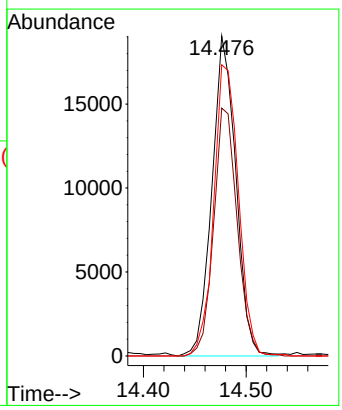
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

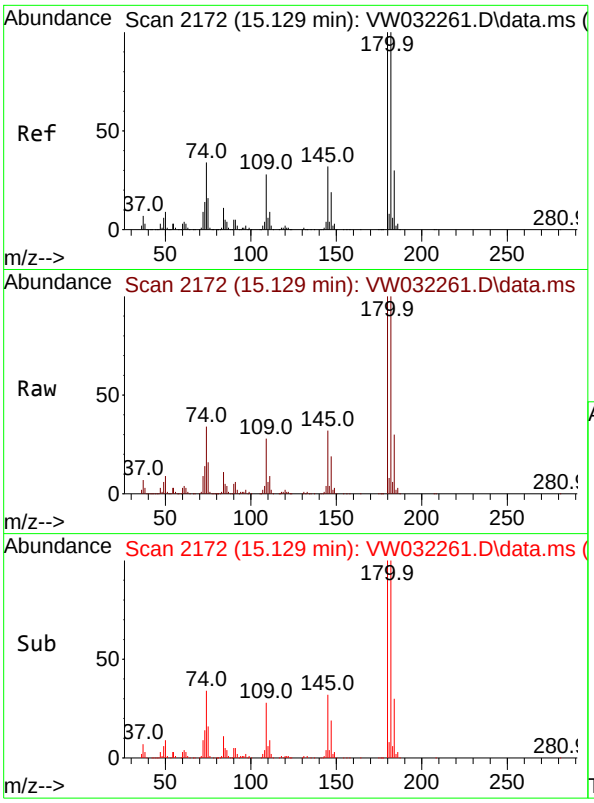


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.167 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion: 75 Resp: 30775

Ion	Ratio	Lower	Upper
75	100		
155	76.4	38.2	114.6
157	94.0	47.0	141.0





#93
1,2,4-Trichlorobenzene
Concen: 51.077 ug/l
RT: 15.129 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

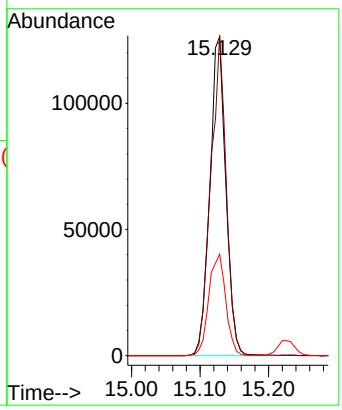
Tgt Ion:180 Resp: 20499

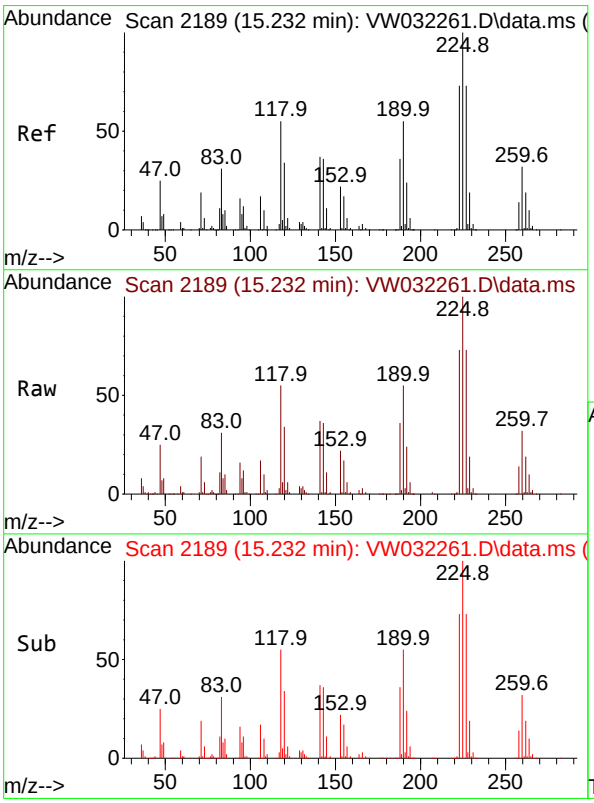
Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.3
145	33.8	16.9	50.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

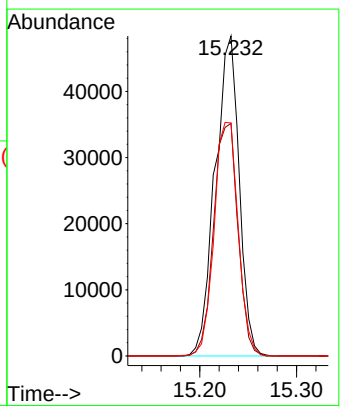


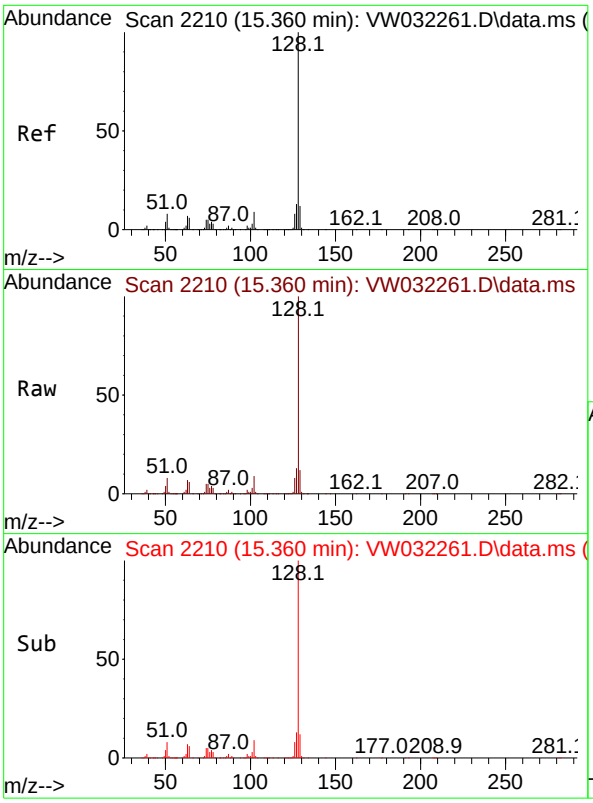


#94
Hexachlorobutadiene
Concen: 45.350 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:225 Resp: 83590

Ion	Ratio	Lower	Upper
225	100		
223	72.8	36.4	109.2
227	72.8	36.4	109.2

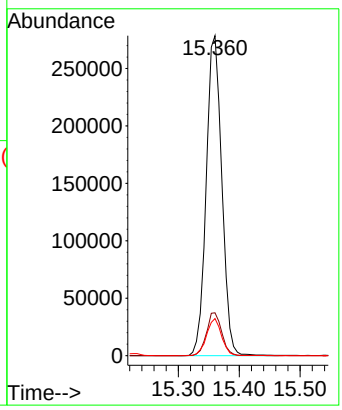




#95
Naphthalene
Concen: 51.385 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:128 Resp: 49497

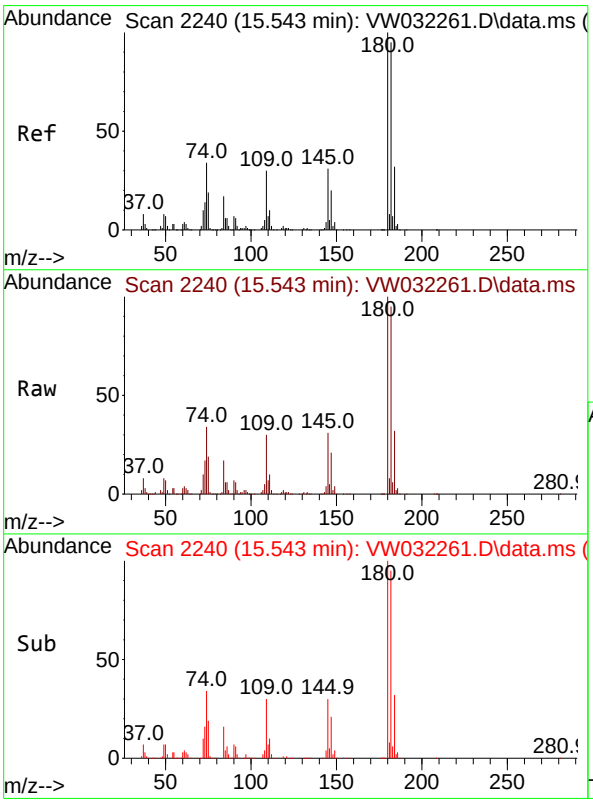
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.2	9.0	13.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Manual Integrations APPROVED

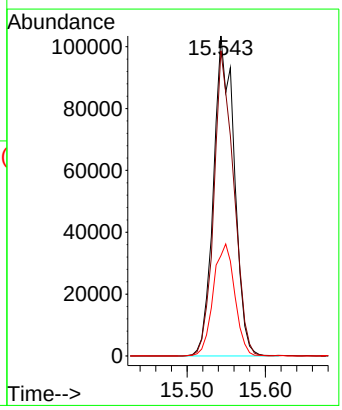
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.031 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW032261.D
Acq: 25 Sep 2025 12:24

Tgt Ion:180 Resp: 190435

Ion	Ratio	Lower	Upper
180	100		
182	90.9	45.5	136.4
145	36.1	18.1	54.1



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032262.D
Acq On : 25 Sep 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	270060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	469392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	452792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	225531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	379535	89.005	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 178.020%#			
35) Dibromofluoromethane	7.904	113	320954	95.077	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 190.160%#			
50) Toluene-d8	10.325	98	1195947	98.302	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 196.600%#			
62) 4-Bromofluorobenzene	12.617	95	456586	99.494	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 198.980%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	159187	85.317	ug/l	98
3) Chloromethane	2.253	50	236913	88.725	ug/l	93
4) Vinyl Chloride	2.405	62	277540	88.959	ug/l	96
5) Bromomethane	2.820	94	194678	91.381	ug/l	89
6) Chloroethane	2.972	64	192034	90.836	ug/l	98
7) Trichlorofluoromethane	3.301	101	236771	100.722	ug/l	97
8) Diethyl Ether	3.722	74	197656	88.924	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	267494	89.149	ug/l	99
10) Methyl Iodide	4.319	142	389172	95.893	ug/l	97
11) Tert butyl alcohol	5.228	59	132448	447.465	ug/l	98
12) 1,1-Dichloroethene	4.082	96	296922	92.573	ug/l	97
13) Acrolein	3.929	56	228335	433.414	ug/l	95
14) Allyl chloride	4.704	41	475222	95.469	ug/l	99
15) Acrylonitrile	5.405	53	531479	464.265	ug/l	99
16) Acetone	4.161	43	436453	398.550	ug/l	100
17) Carbon Disulfide	4.423	76	681761	92.447	ug/l	100
18) Methyl Acetate	4.716	43	404654	107.440	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	572270	96.254	ug/l	98
20) Methylene Chloride	4.954	84	356808	97.287	ug/l	97
21) trans-1,2-Dichloroethene	5.453	96	325375	94.076	ug/l	95
22) Diisopropyl ether	6.344	45	1074108	97.109	ug/l	100
23) Vinyl Acetate	6.283	43	3409679	479.176	ug/l	98
24) 1,1-Dichloroethane	6.246	63	648524	92.880	ug/l	99
25) 2-Butanone	7.197	43	701086	459.305	ug/l	100
26) 2,2-Dichloropropane	7.191	77	322157	93.629	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	410677	95.469	ug/l	99
28) Bromochloromethane	7.532	49	316521	95.000	ug/l #	98
29) Tetrahydrofuran	7.557	42	467041	471.309	ug/l	100
30) Chloroform	7.697	83	662900	90.992	ug/l	98
31) Cyclohexane	7.971	56	492754	89.496	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	460229	93.772	ug/l	100
36) 1,1-Dichloropropene	8.099	75	449330	98.728	ug/l	99
37) Ethyl Acetate	7.276	43	294907	97.703	ug/l	98
38) Carbon Tetrachloride	8.087	117	424225	99.075	ug/l	100
39) Methylcyclohexane	9.343	83	548695	104.193	ug/l	96
40) Benzene	8.337	78	1422633	99.306	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032262.D
Acq On : 25 Sep 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	166119	96.094	ug/l		98
42) 1,2-Dichloroethane	8.416	62	457918	96.165	ug/l		100
43) Isopropyl Acetate	8.441	43	542177	100.345	ug/l		99
44) Trichloroethene	9.105	130	336963	100.631	ug/l		87
45) 1,2-Dichloropropane	9.373	63	360778	97.236	ug/l		100
46) Dibromomethane	9.465	93	221052	96.902	ug/l		97
47) Bromodichloromethane	9.654	83	522751	100.472	ug/l		96
48) Methyl methacrylate	9.441	41	270335	106.349	ug/l		100
49) 1,4-Dioxane	9.465	88	63276	2071.095	ug/l	#	100
51) 4-Methyl-2-Pentanone	10.215	43	1586527	495.237	ug/l		99
52) Toluene	10.392	92	904359	101.852	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	519907	109.064	ug/l		100
54) cis-1,3-Dichloropropene	10.081	75	576534	104.759	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	296466	95.211	ug/l		96
56) Ethyl methacrylate	10.648	69	445747	108.677	ug/l		98
57) 1,3-Dichloropropane	10.934	76	527430	98.049	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	1240539	550.975	ug/l		100
59) 2-Hexanone	10.971	43	1108386	506.646	ug/l		100
60) Dibromochloromethane	11.129	129	353508	103.376	ug/l		97
61) 1,2-Dibromoethane	11.239	107	289333	98.079	ug/l		98
64) Tetrachloroethene	10.867	164	260649	94.460	ug/l	#	89
65) Chlorobenzene	11.660	112	1003942	96.257	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	331436	100.481	ug/l		99
67) Ethyl Benzene	11.733	91	1744976	102.215	ug/l		95
68) m/p-Xylenes	11.836	106	1319678	201.657	ug/l		95
69) o-Xylene	12.166	106	640114	104.080	ug/l		99
70) Styrene	12.178	104	1107088	102.647	ug/l		99
71) Bromoform	12.349	173	193866	100.857	ug/l	#	96
73) Isopropylbenzene	12.464	105	1594475	101.576	ug/l		99
74) N-amyl acetate	12.269	43	489840	99.091	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	380449	92.439	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	284709m	80.269	ug/l		
77) Bromobenzene	12.745	156	377479	97.769	ug/l		93
78) n-propylbenzene	12.800	91	1997481	101.306	ug/l		99
79) 2-Chlorotoluene	12.891	91	1185558	99.258	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	1364777	101.693	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	125300	104.893	ug/l		97
82) 4-Chlorotoluene	12.989	91	1241413	98.344	ug/l		99
83) tert-Butylbenzene	13.202	119	1144817	101.999	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	1402022	102.892	ug/l		97
85) sec-Butylbenzene	13.379	105	1686020	100.034	ug/l		99
86) p-Isopropyltoluene	13.495	119	1405656	100.702	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	747138	97.831	ug/l		100
88) 1,4-Dichlorobenzene	13.574	146	735529	94.276	ug/l		94
89) n-Butylbenzene	13.818	91	1403783	100.210	ug/l		97
90) Hexachloroethane	14.092	117	261127	100.372	ug/l		98
91) 1,2-Dichlorobenzene	13.867	146	660780	92.492	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	66815	94.913	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	433343	102.243	ug/l		99
94) Hexachlorobutadiene	15.232	225	182643	93.830	ug/l		90
95) Naphthalene	15.360	128	1068790	105.067	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	397191	100.785	ug/l		98

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032262.D
Acq On : 25 Sep 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

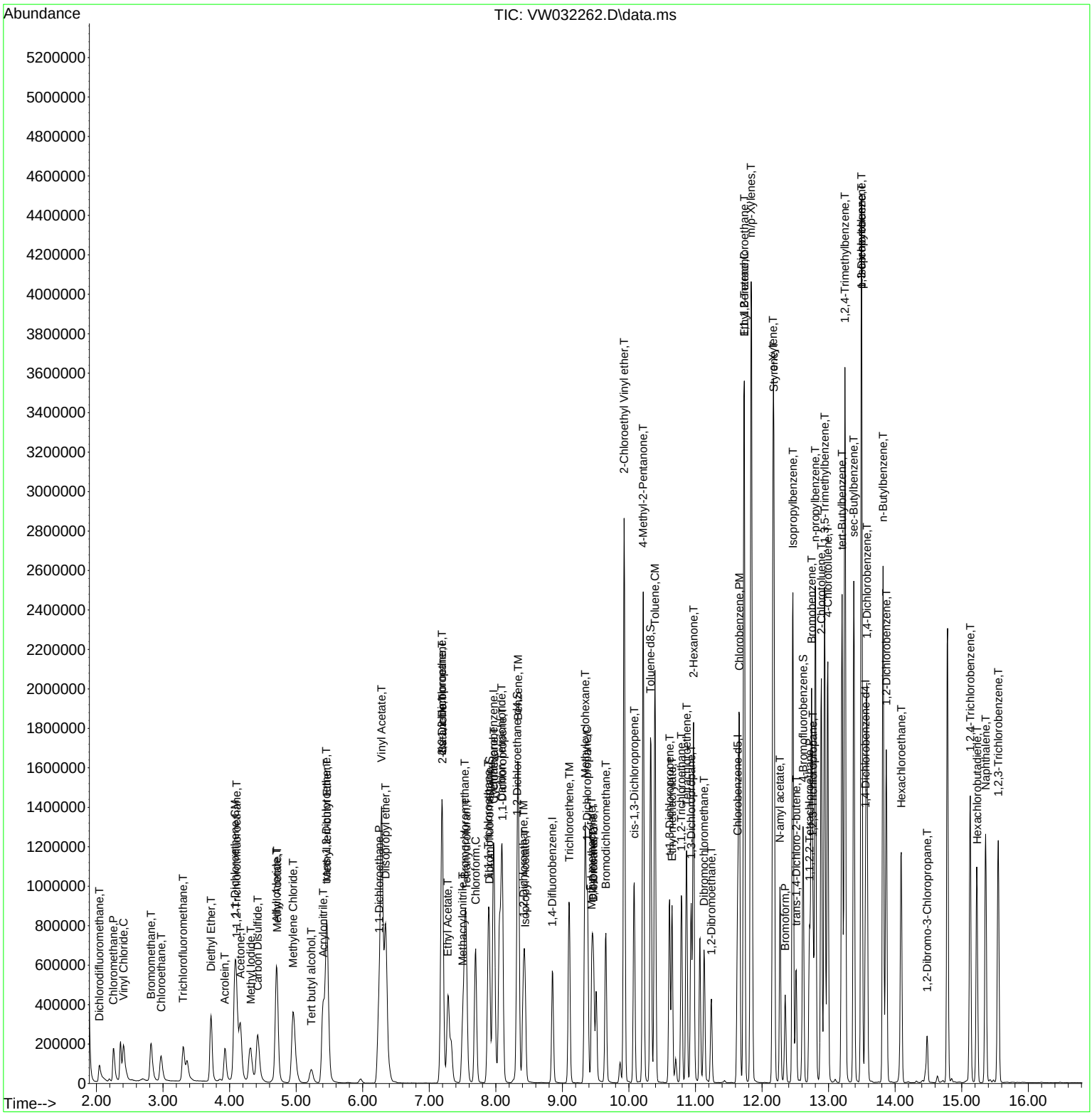
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Data File : VW032262.D
Acq On : 25 Sep 2025 12:46
Operator : SY/MD
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

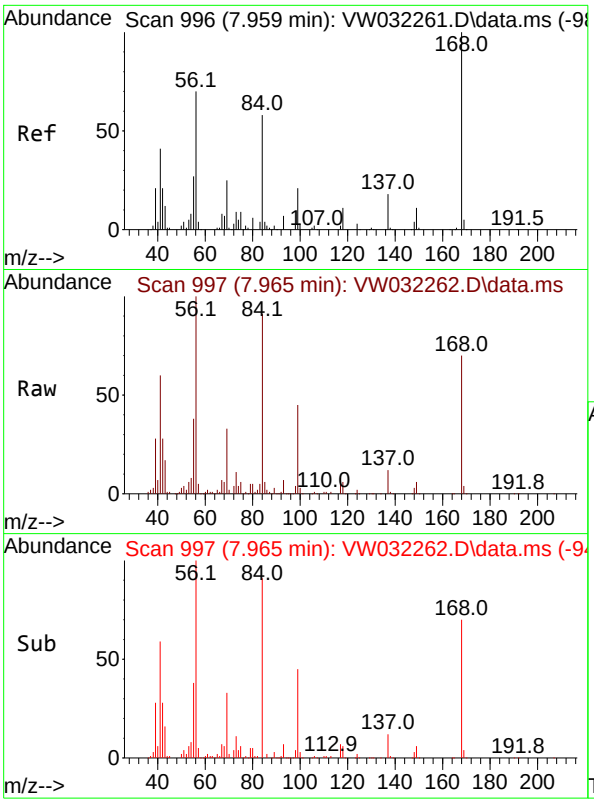
Quant Time: Sep 26 06:50:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

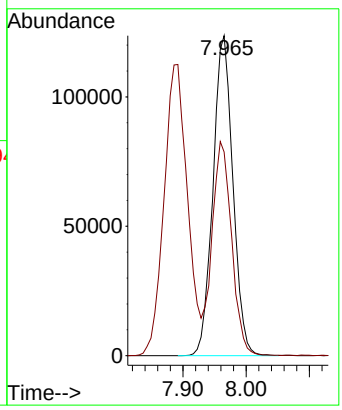




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:168 Resp: 27006

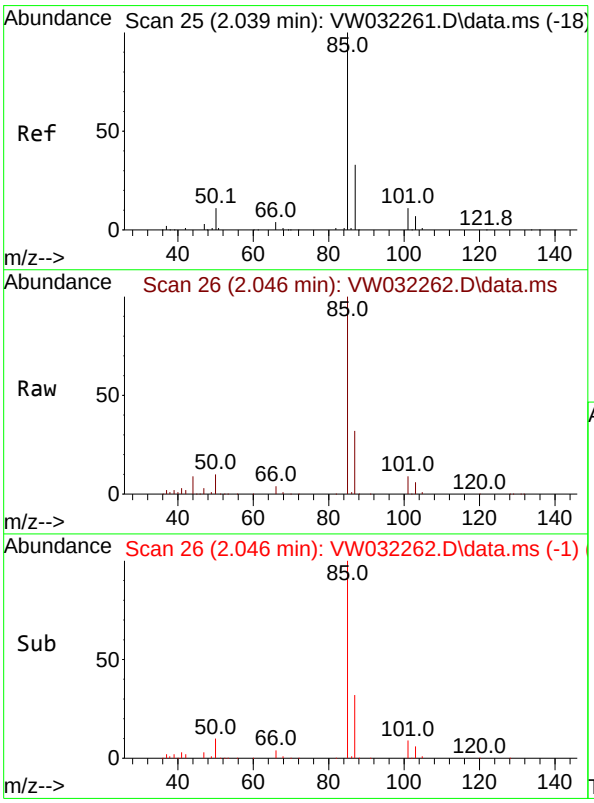
Ion	Ratio	Lower	Upper
168	100		
99	63.5	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

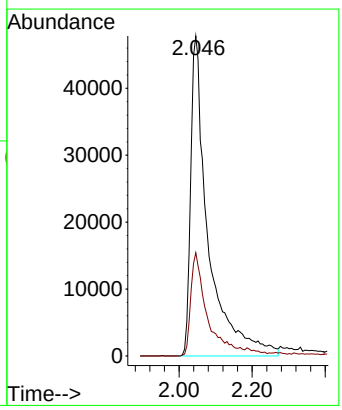
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

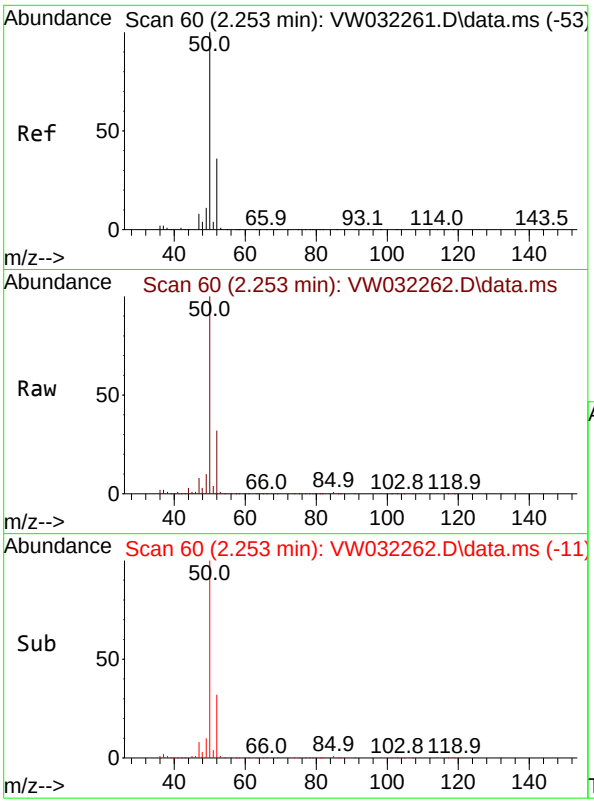


#2
Dichlorodifluoromethane
Concen: 85.317 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 85 Resp: 159187

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.7	50.1

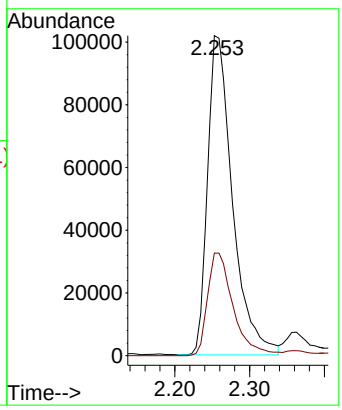




#3
Chloromethane
Concen: 88.725 ug/l
RT: 2.253 min Scan# 6
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 50 Resp: 23691

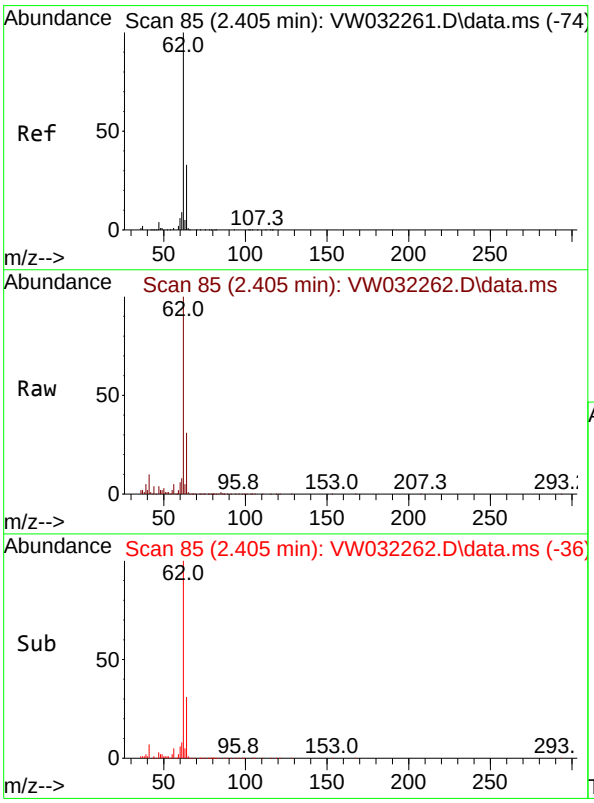
Ion	Ratio	Lower	Upper
50	100		
52	32.1	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

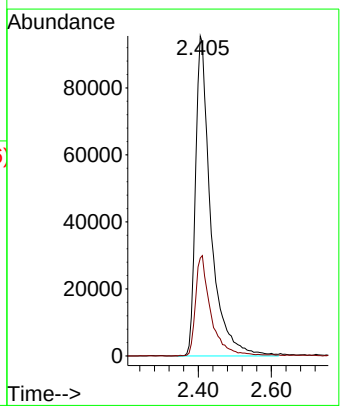
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

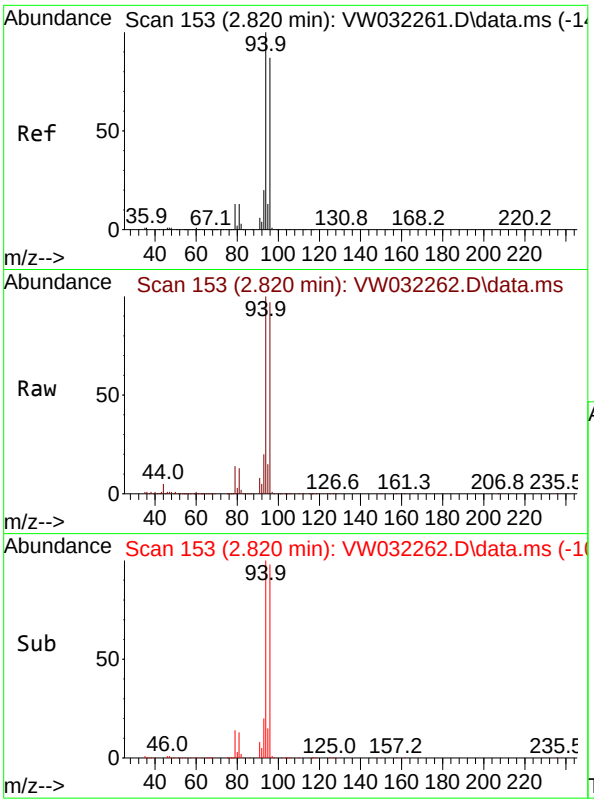


#4
Vinyl Chloride
Concen: 88.959 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 62 Resp: 277540

Ion	Ratio	Lower	Upper
62	100		
64	30.5	26.2	39.4

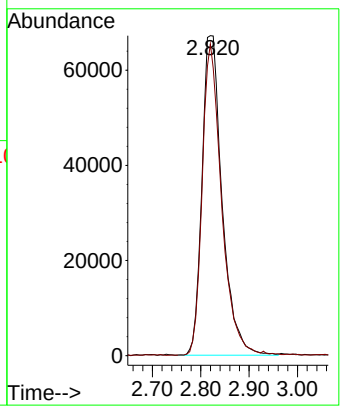




#5
Bromomethane
Concen: 91.381 ug/l
RT: 2.820 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 94 Resp: 19467

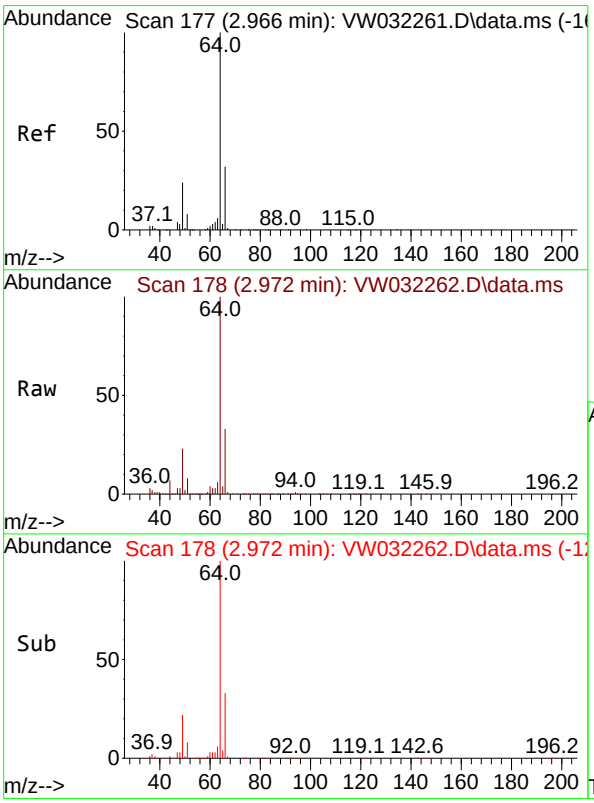
Ion	Ratio	Lower	Upper
94	100		
96	97.3	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

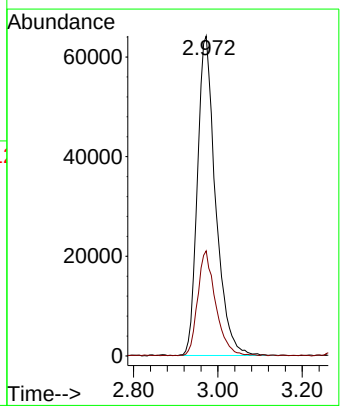
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

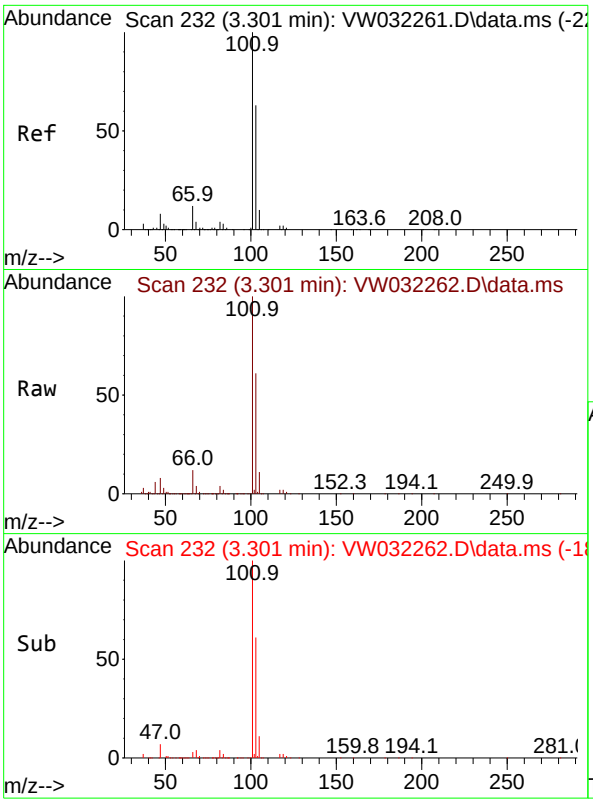


#6
Chloroethane
Concen: 90.836 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 64 Resp: 192034

Ion	Ratio	Lower	Upper
64	100		
66	32.8	25.5	38.3

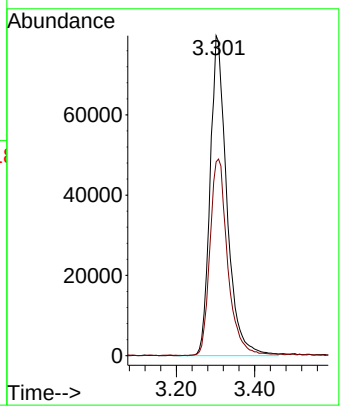




#7
Trichlorofluoromethane
Concen: 100.722 ug/l
RT: 3.301 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:101 Resp: 23677

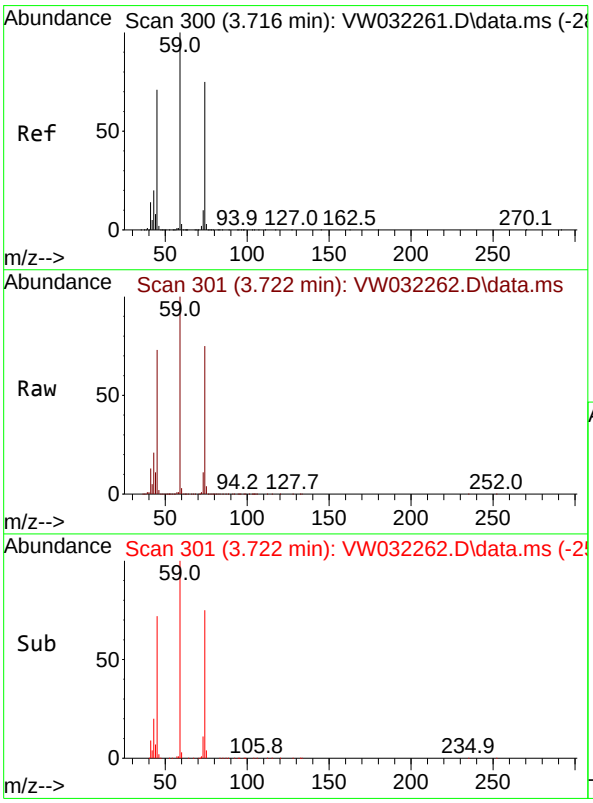
Ion	Ratio	Lower	Upper
101	100		
103	60.4	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

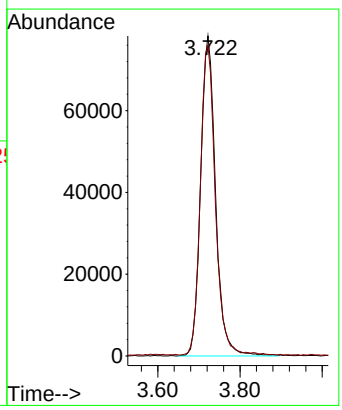
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

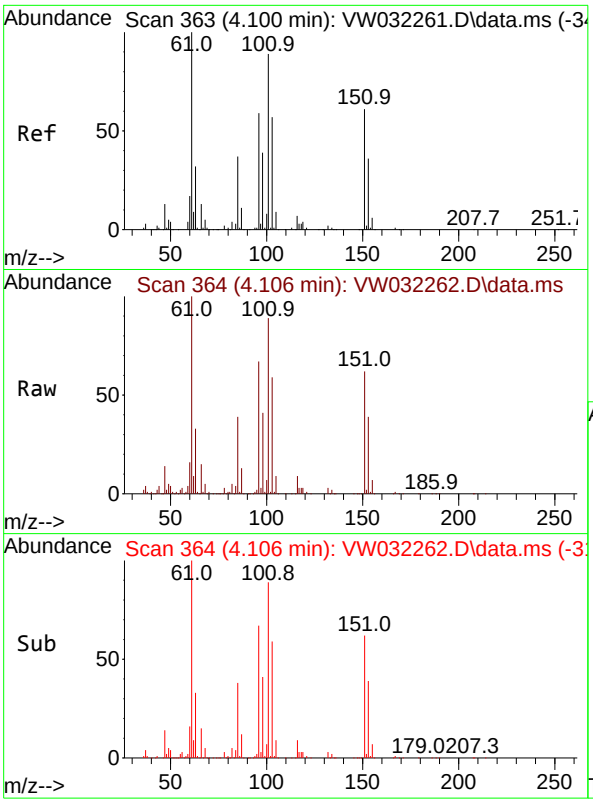


#8
Diethyl Ether
Concen: 88.924 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 74 Resp: 197656

Ion	Ratio	Lower	Upper
74	100		
45	97.0	49.0	147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 89.149 ug/l
RT: 4.106 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

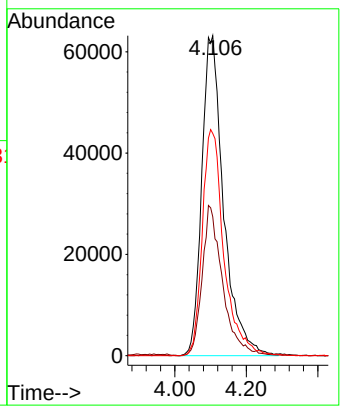
Tgt Ion:101 Resp: 26749

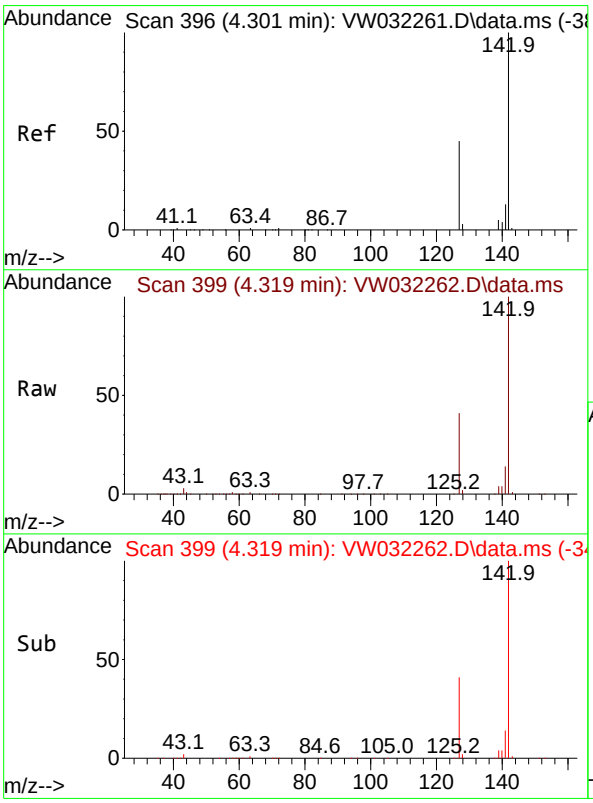
Ion	Ratio	Lower	Upper
101	100		
85	43.9	33.7	50.5
151	69.8	55.7	83.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

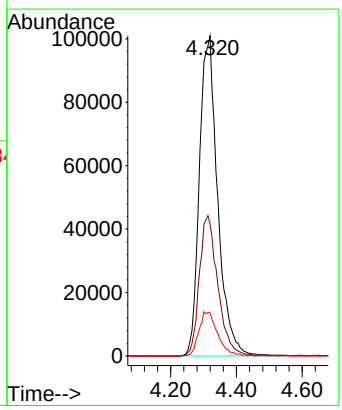


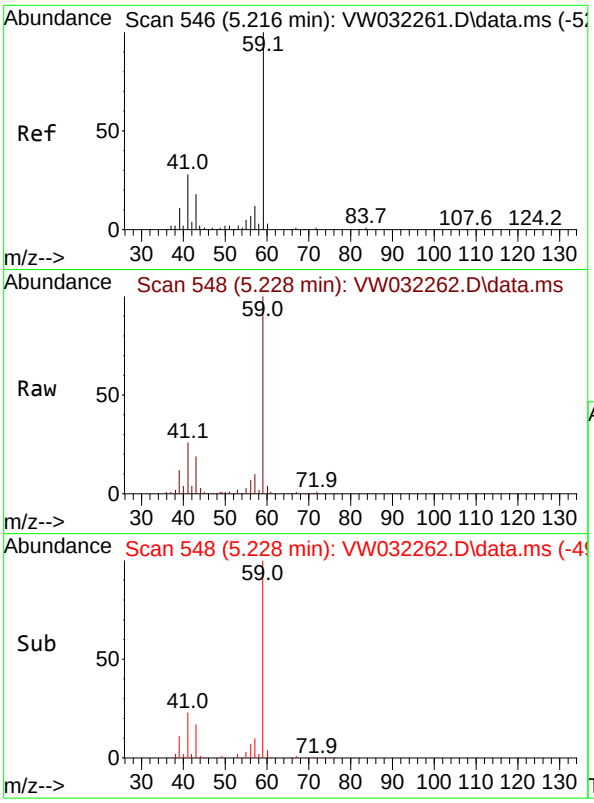


#10
Methyl Iodide
Concen: 95.893 ug/l
RT: 4.319 min Scan# 399
Delta R.T. 0.018 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:142 Resp: 389172

Ion	Ratio	Lower	Upper
142	100		
127	44.2	36.9	55.3
141	14.1	12.0	18.0

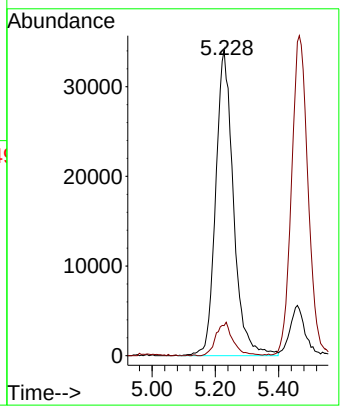




#11
Tert butyl alcohol
Concen: 447.465 ug/l
RT: 5.228 min Scan# 54
Delta R.T. 0.012 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 59 Resp: 13244

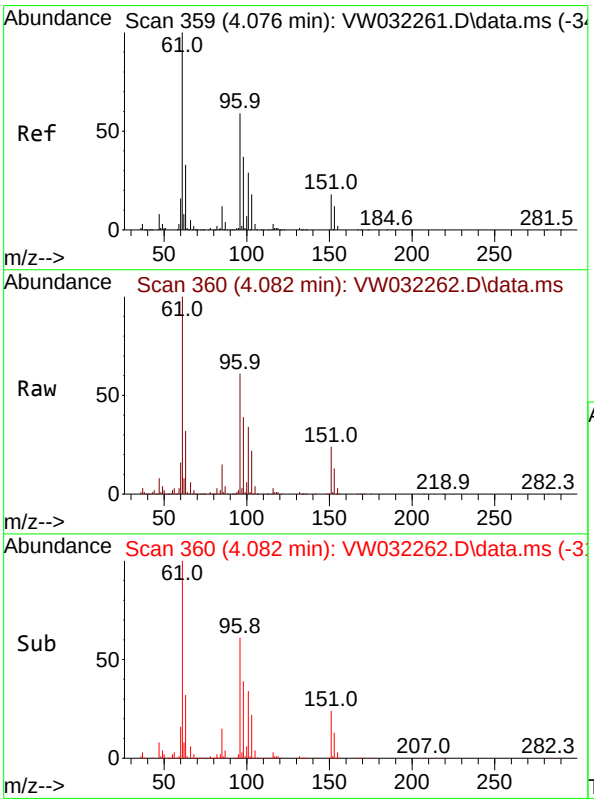
Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

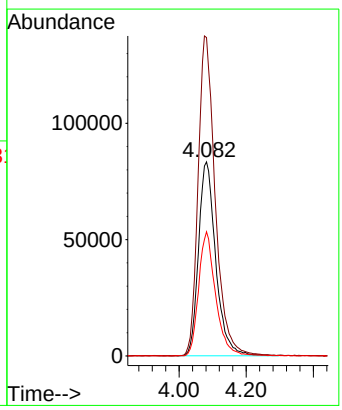
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

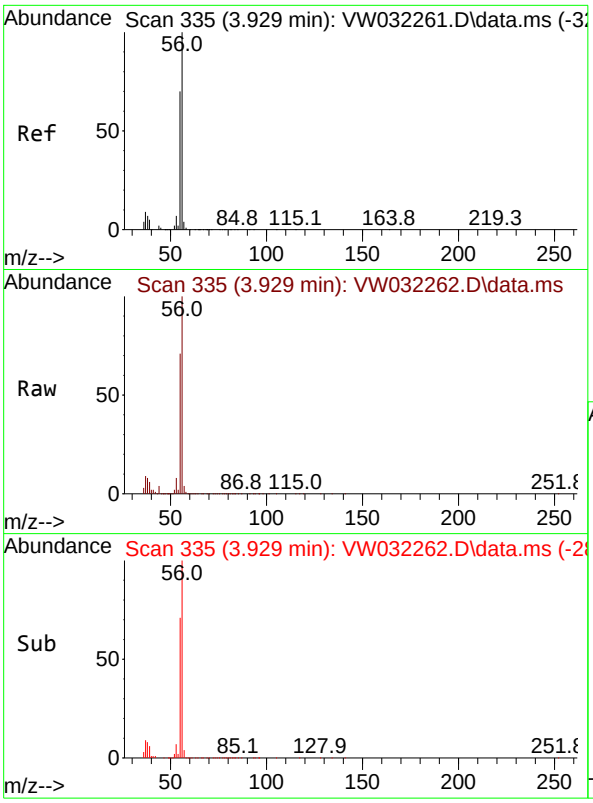


#12
1,1-Dichloroethene
Concen: 92.573 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 96 Resp: 296922

Ion	Ratio	Lower	Upper
96	100		
61	164.2	136.3	204.5
98	63.9	50.7	76.1

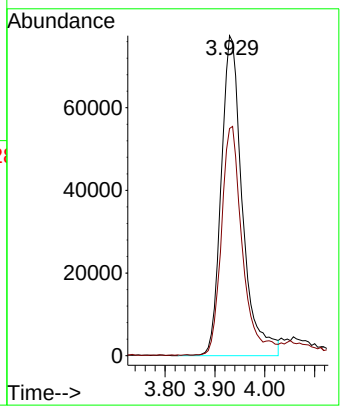




#13
Acrolein
Concen: 433.414 ug/l
RT: 3.929 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 56 Resp: 22833

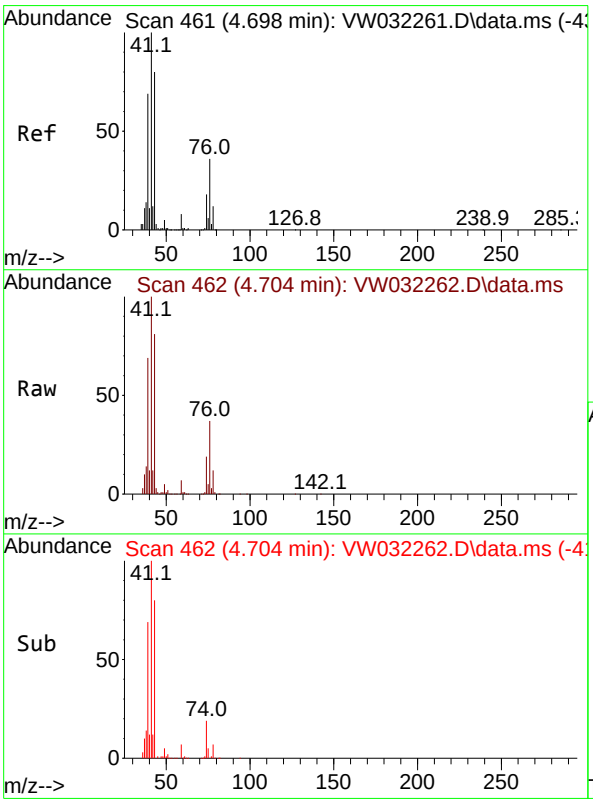
Ion	Ratio	Lower	Upper
56	100		
55	70.9	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

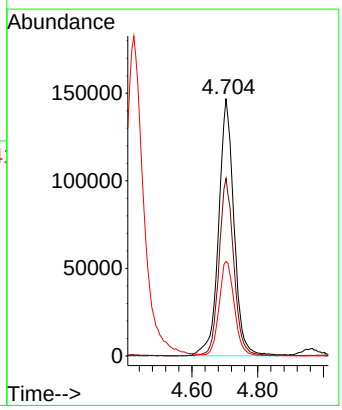
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

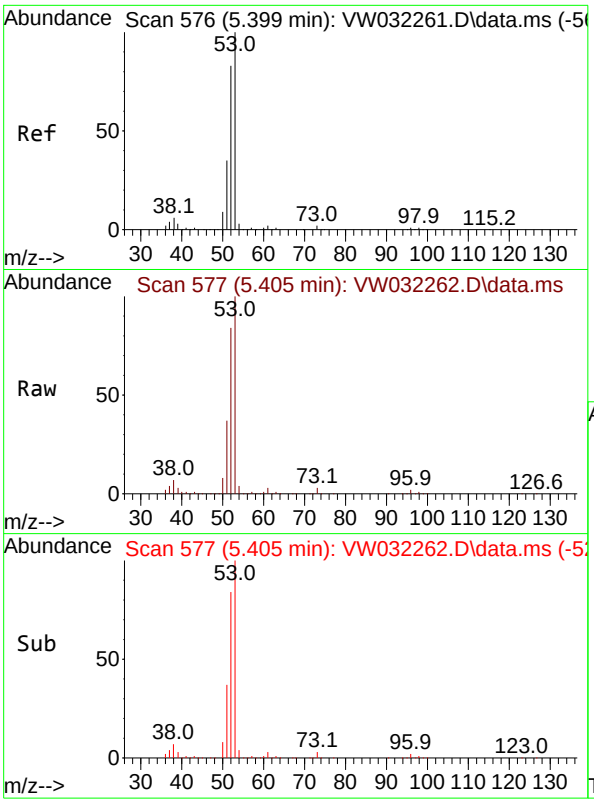


#14
Allyl chloride
Concen: 95.469 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 41 Resp: 475222

Ion	Ratio	Lower	Upper
41	100		
39	66.7	54.3	81.5
76	36.4	28.7	43.1

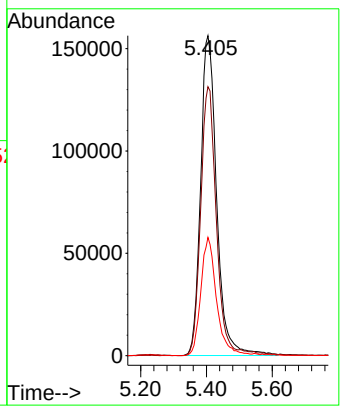




#15
Acrylonitrile
Concen: 464.265 ug/l
RT: 5.405 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 53 Resp: 53147

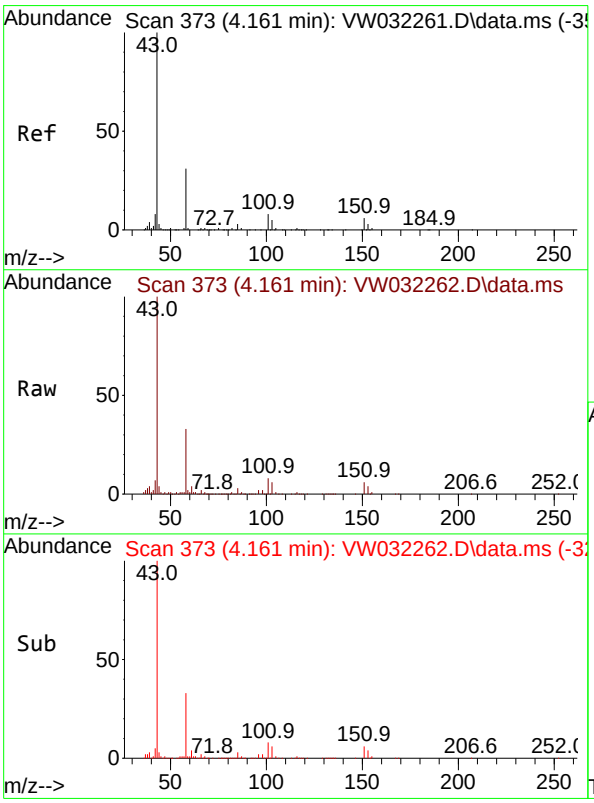
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.3	99.5
51	36.1	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

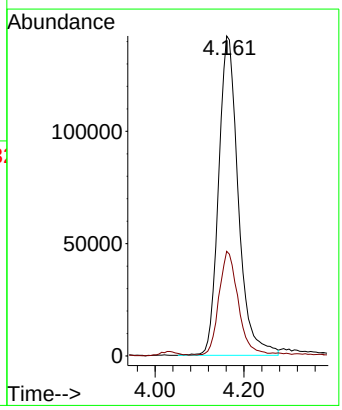
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

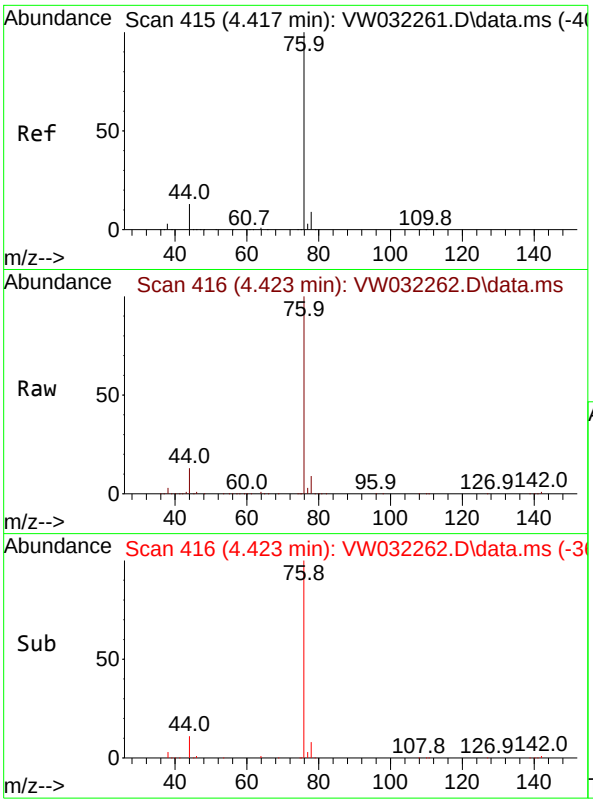


#16
Acetone
Concen: 398.550 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 43 Resp: 436453

Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.4	38.0

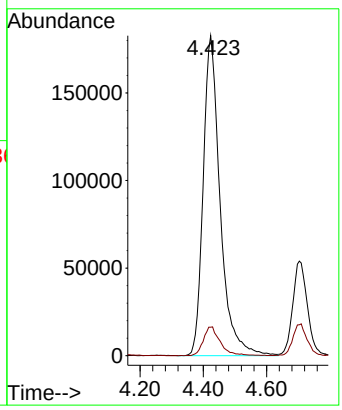




#17
Carbon Disulfide
Concen: 92.447 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 76 Resp: 68176

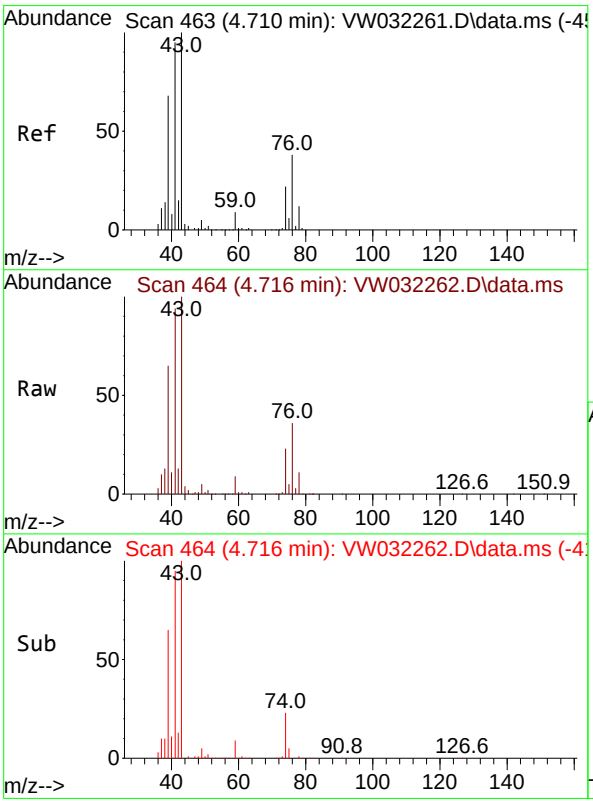
Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

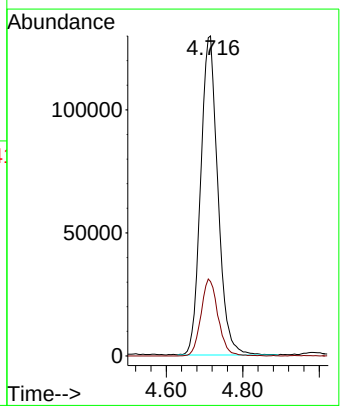
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

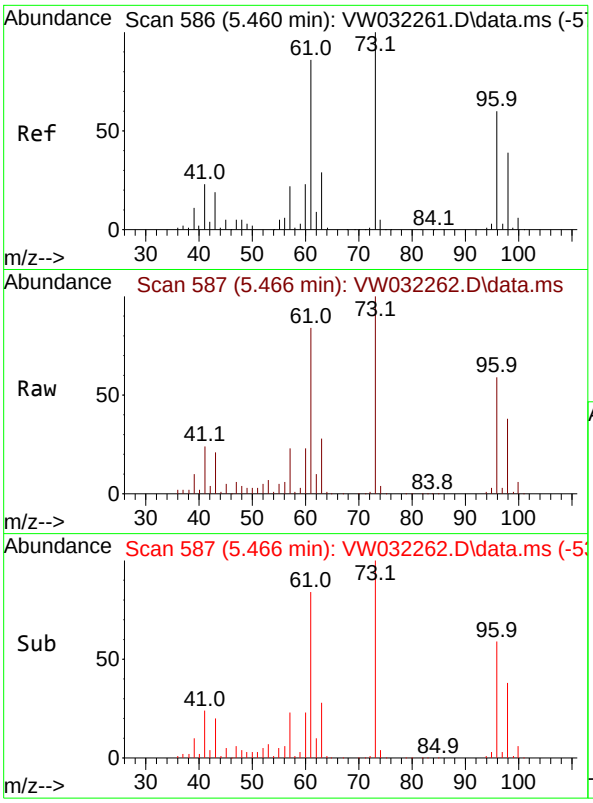


#18
Methyl Acetate
Concen: 107.440 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 43 Resp: 404654

Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.8	28.2





#19
Methyl tert-butyl Ether
Concen: 96.254 ug/l
RT: 5.466 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

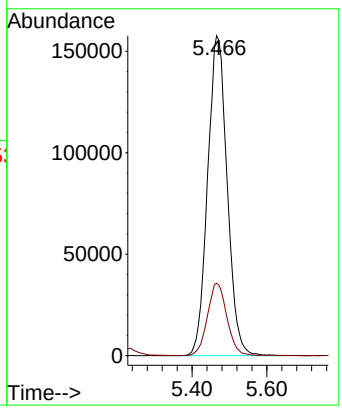
Tgt Ion: 73 Resp: 57227

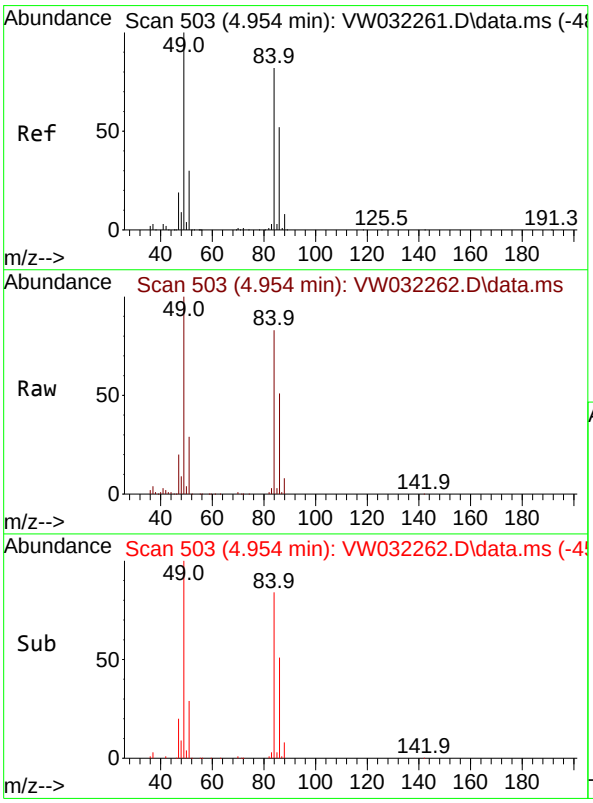
Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.3	25.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

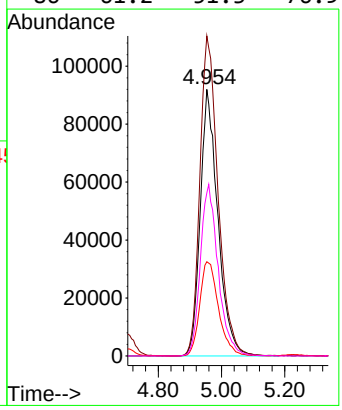


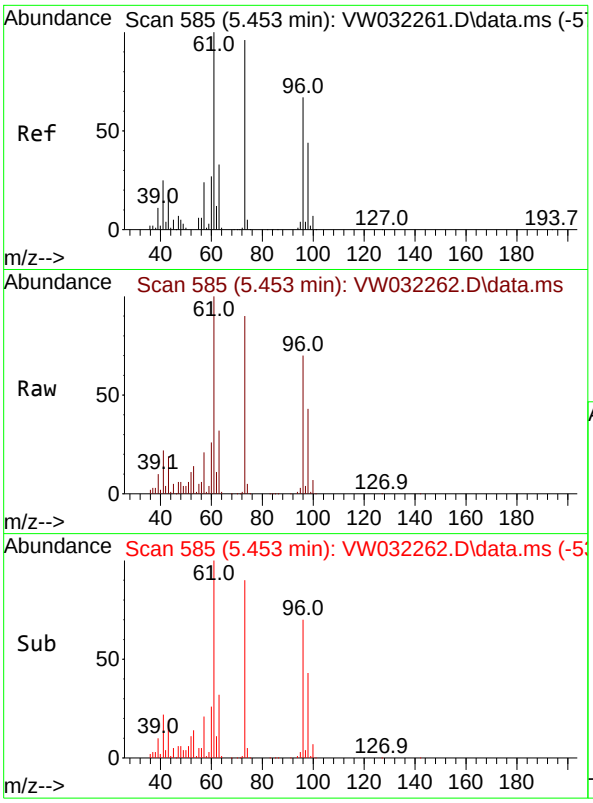


#20
Methylene Chloride
Concen: 97.287 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 84 Resp: 356808

Ion	Ratio	Lower	Upper
84	100		
49	120.0	97.8	146.6
51	35.3	29.9	44.9
86	61.2	51.3	76.9

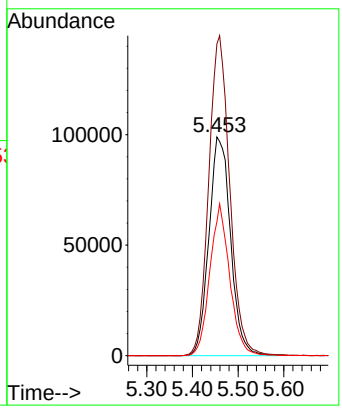




#21
trans-1,2-Dichloroethene
Concen: 94.076 ug/l
RT: 5.453 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 96 Resp: 32537

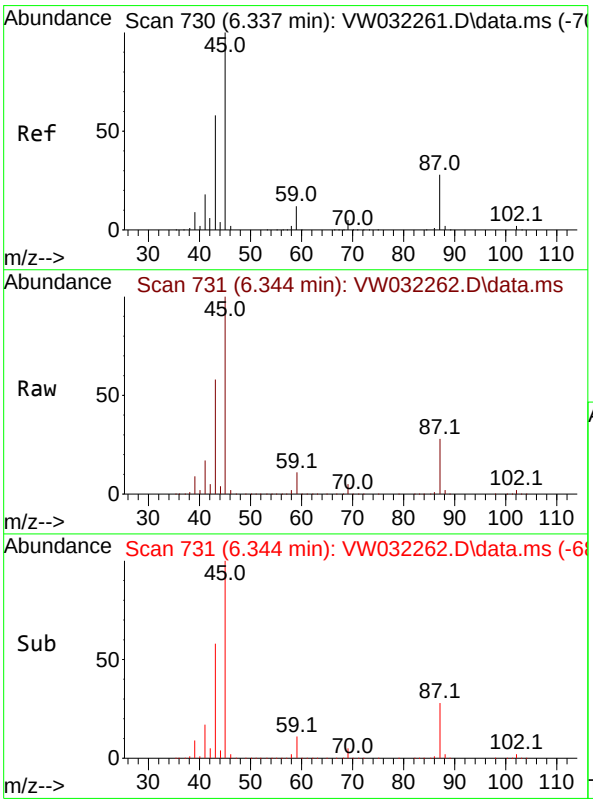
Ion	Ratio	Lower	Upper
96	100		
61	142.5	119.2	178.8
98	61.2	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

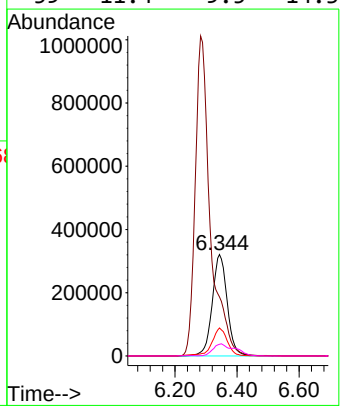
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

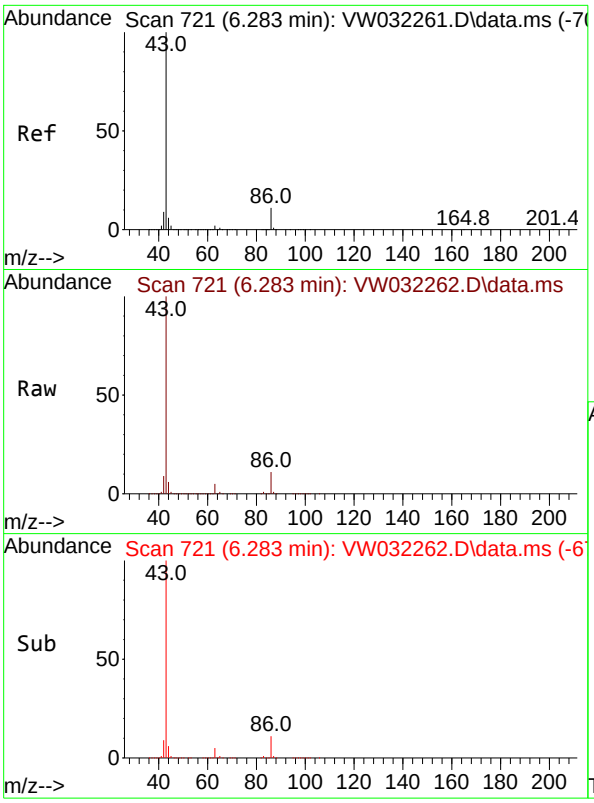


#22
Diisopropyl ether
Concen: 97.109 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 45 Resp: 1074108

Ion	Ratio	Lower	Upper
45	100		
43	58.2	46.2	69.4
87	27.6	22.2	33.2
59	11.4	9.5	14.3

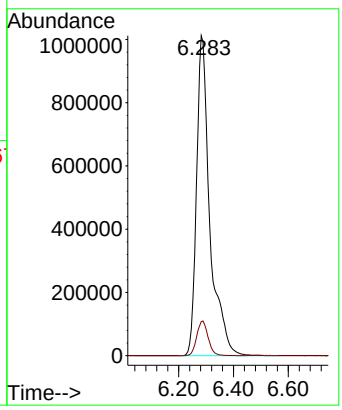




#23
Vinyl Acetate
Concen: 479.176 ug/l
RT: 6.283 min Scan# 7
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 43 Resp: 340967

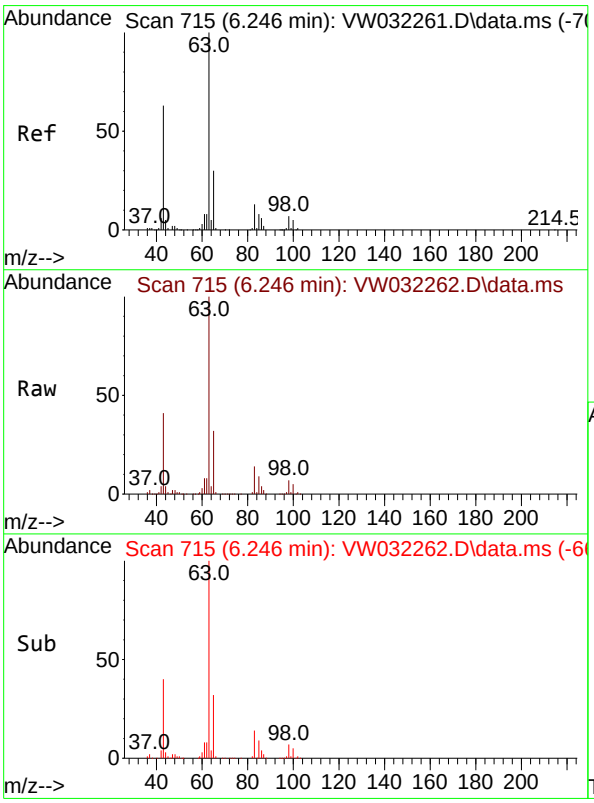
Ion	Ratio	Lower	Upper
43	100		
86	10.7	9.0	13.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

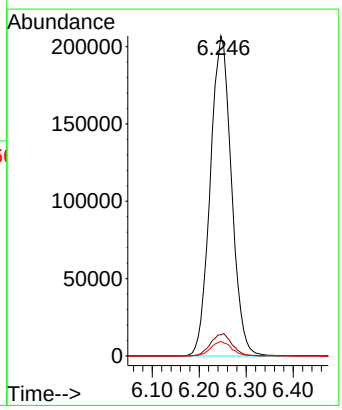
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

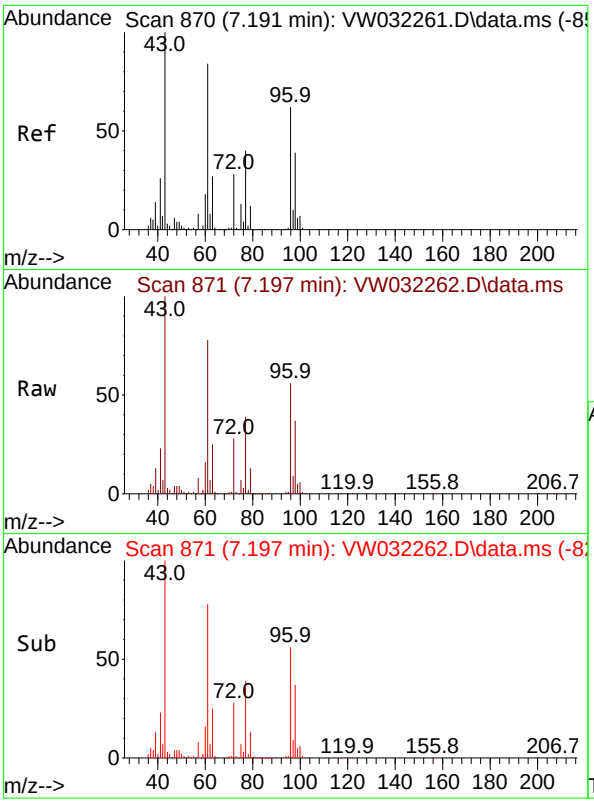


#24
1,1-Dichloroethane
Concen: 92.880 ug/l
RT: 6.246 min Scan# 715
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 63 Resp: 648524

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.6	10.9
100	4.6	2.4	7.1

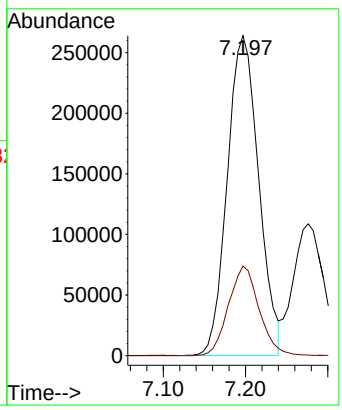




#25
2-Butanone
Concen: 459.305 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 43 Resp: 70108

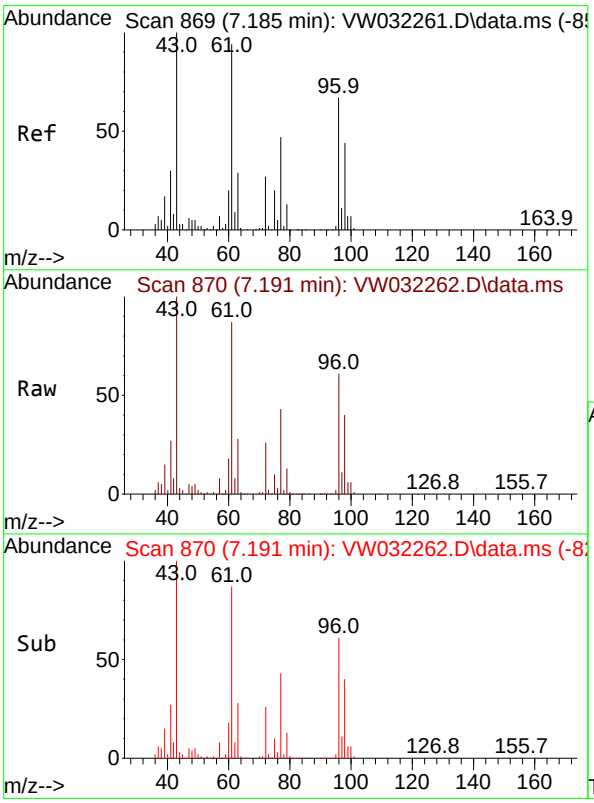
Ion	Ratio	Lower	Upper
43	100		
72	28.0	22.3	33.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

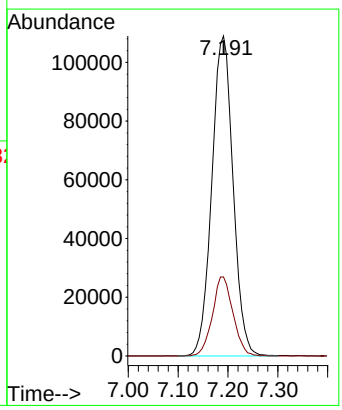
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

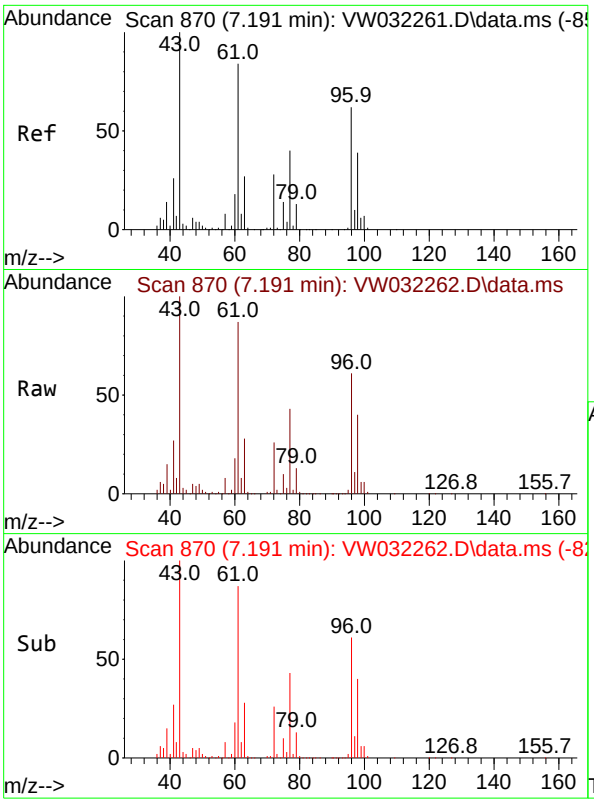


#26
2,2-Dichloropropane
Concen: 93.629 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 77 Resp: 322157

Ion	Ratio	Lower	Upper
77	100		
97	23.9	11.7	35.0

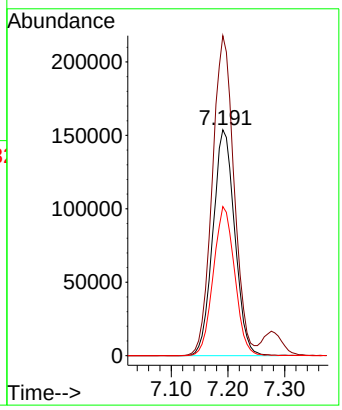




#27
cis-1,2-Dichloroethene
Concen: 95.469 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 96 Resp: 41067

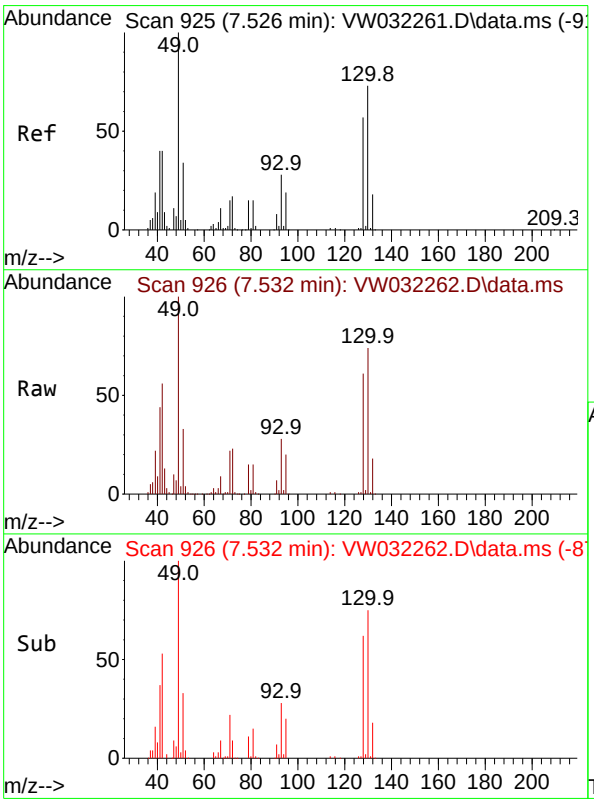
Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	281.8
98	64.7	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

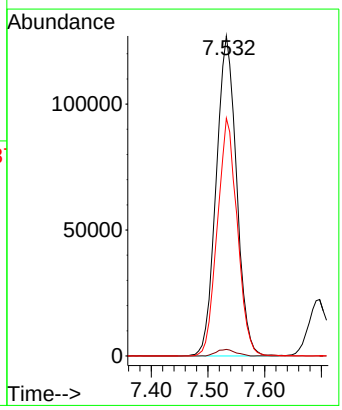
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

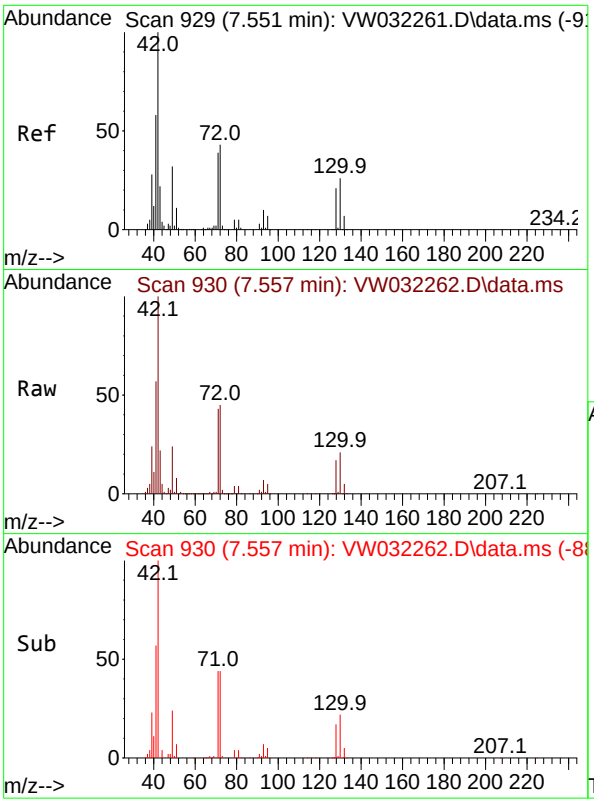


#28
Bromochloromethane
Concen: 95.000 ug/l
RT: 7.532 min Scan# 926
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 49 Resp: 316521

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.2
130	72.9	0.0	0.0#

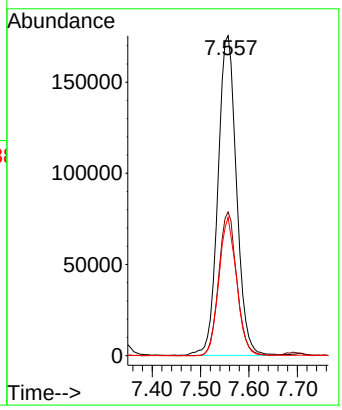




#29
Tetrahydrofuran
Concen: 471.309 ug/l
RT: 7.557 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 42 Resp: 46704

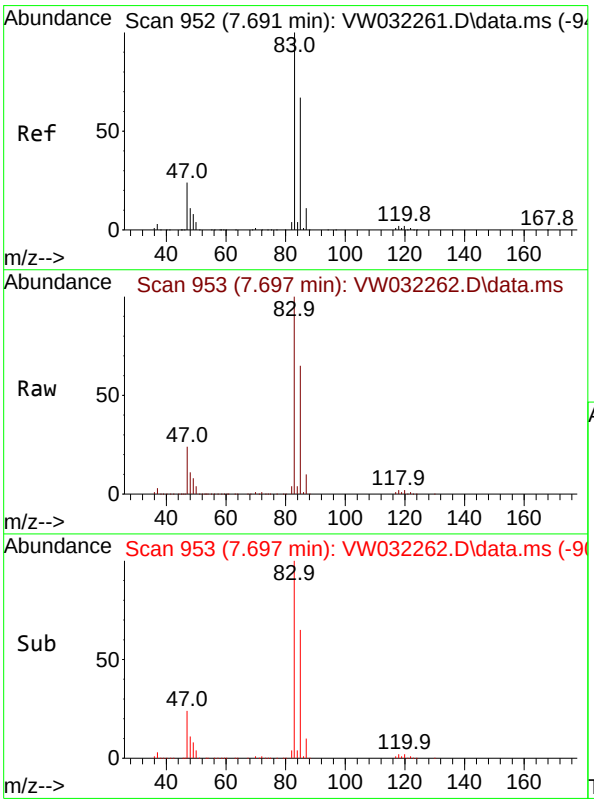
Ion	Ratio	Lower	Upper
42	100		
72	43.8	35.1	52.7
71	41.3	33.3	49.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

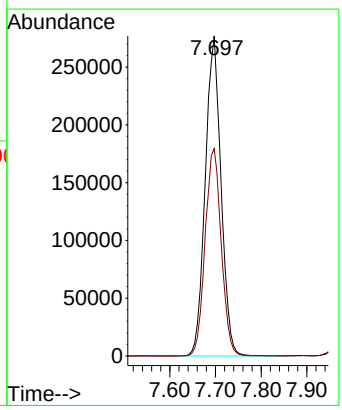
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

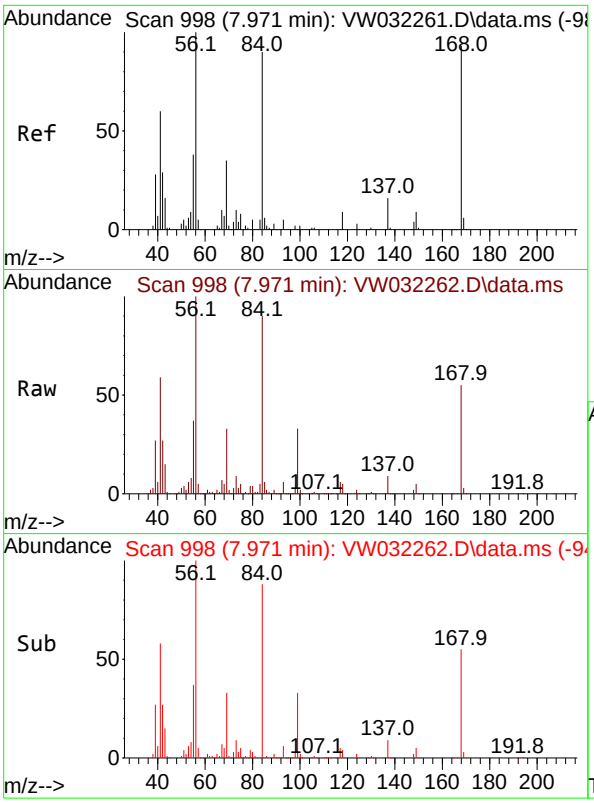


#30
Chloroform
Concen: 90.992 ug/l
RT: 7.697 min Scan# 953
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 83 Resp: 662900

Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.3	79.9

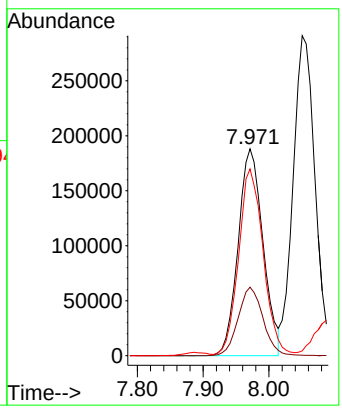




#31
Cyclohexane
Concen: 89.496 ug/l
RT: 7.971 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 56 Resp: 49275

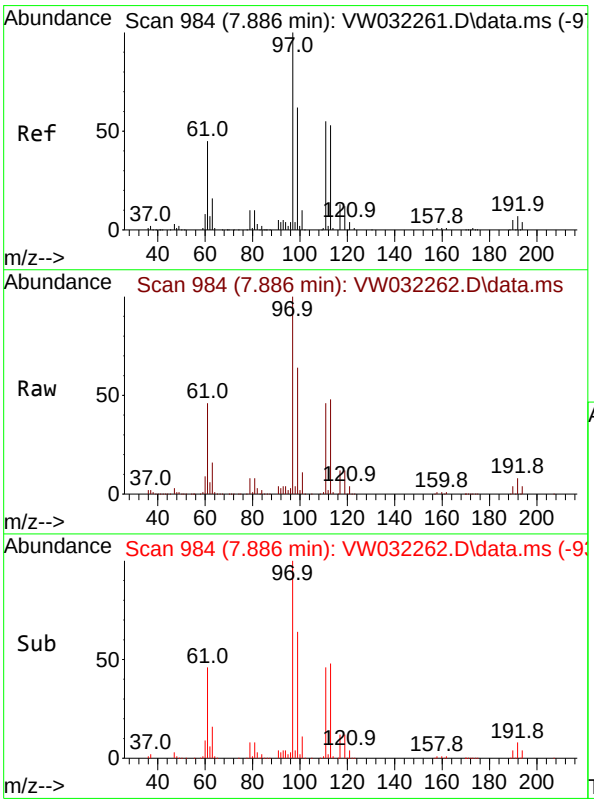
Ion	Ratio	Lower	Upper
56	100		
69	33.1	28.2	42.2
84	89.8	71.8	107.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

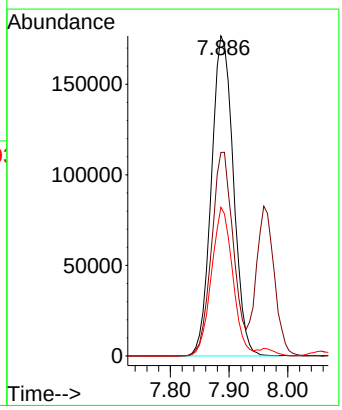
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

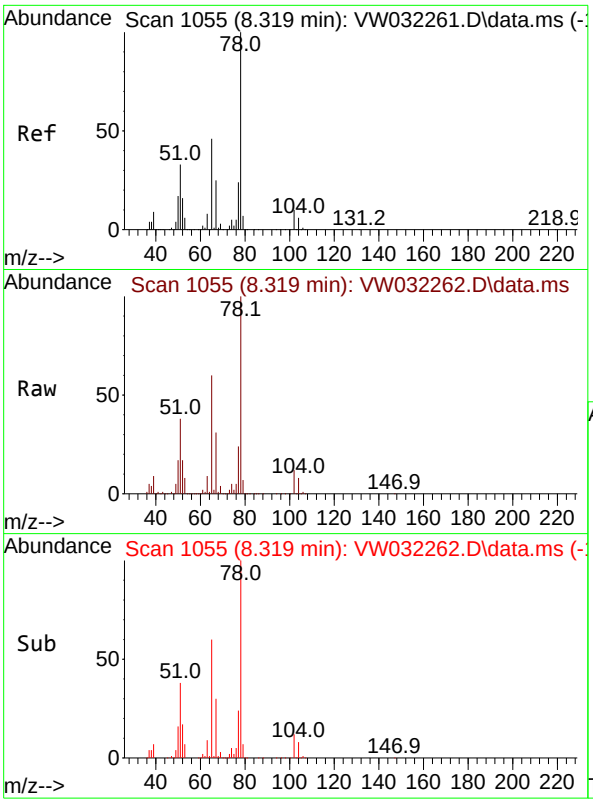


#32
1,1,1-Trichloroethane
Concen: 93.772 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 97 Resp: 460229

Ion	Ratio	Lower	Upper
97	100		
99	63.0	50.6	76.0
61	45.0	36.2	54.4

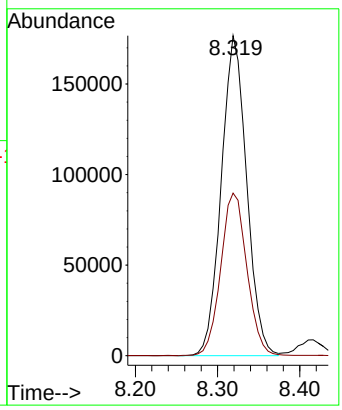




#33
1,2-Dichloroethane-d4
Concen: 89.005 ug/l
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 65 Resp: 37953

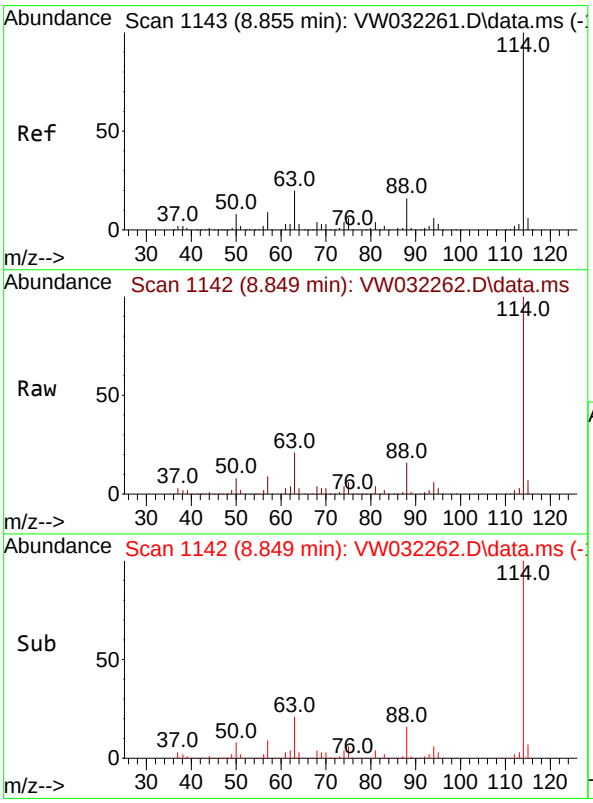
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

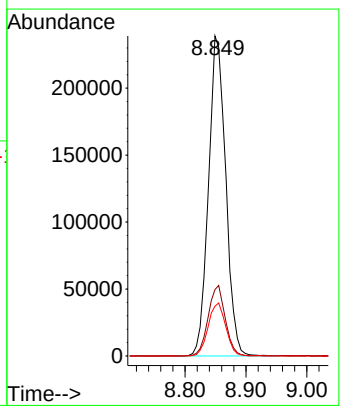
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

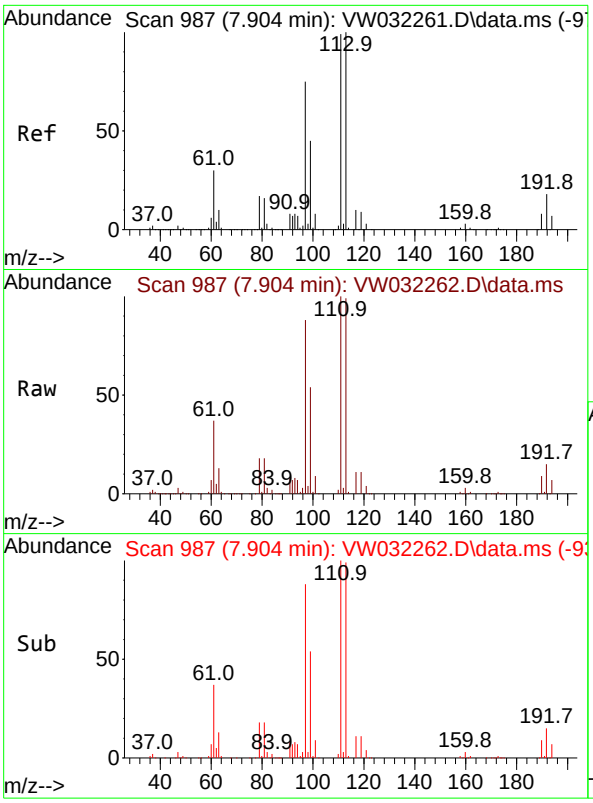


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:114 Resp: 469392

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.2
88	15.5	0.0	32.0

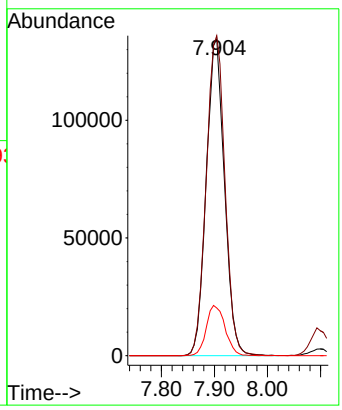




#35
Dibromofluoromethane
Concen: 95.077 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:113 Resp: 32095

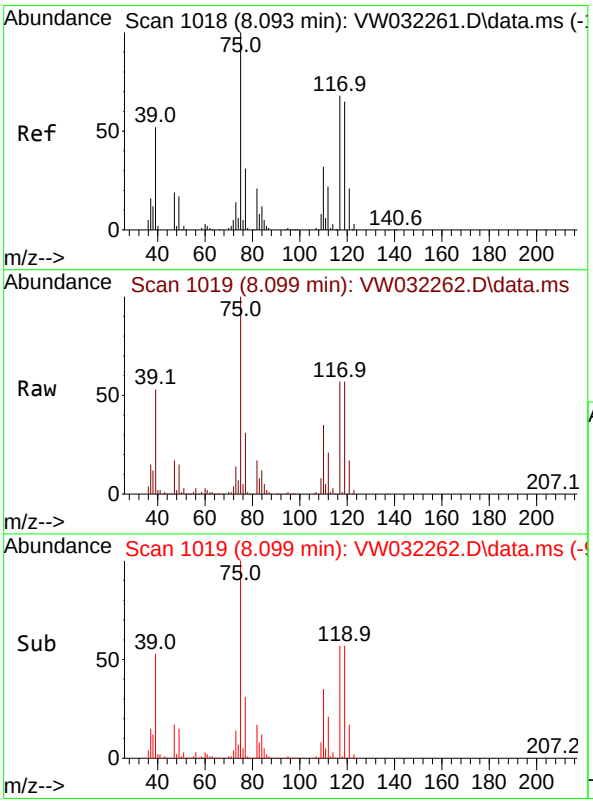
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.8
192	16.4	13.0	19.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

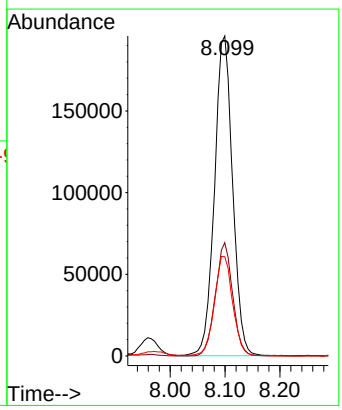
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

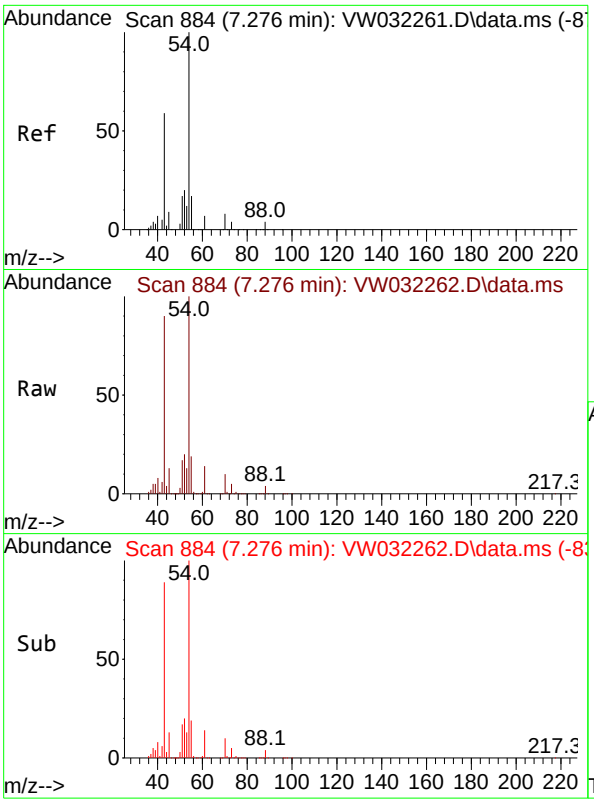


#36
1,1-Dichloropropene
Concen: 98.728 ug/l
RT: 8.099 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 75 Resp: 449330

Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.7	50.1
77	31.6	25.2	37.8





#37
Ethyl Acetate
Concen: 97.703 ug/l
RT: 7.276 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

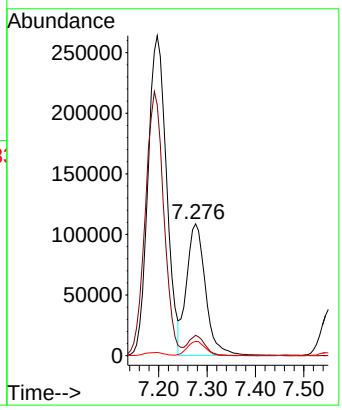
Tgt Ion: 43 Resp: 29490

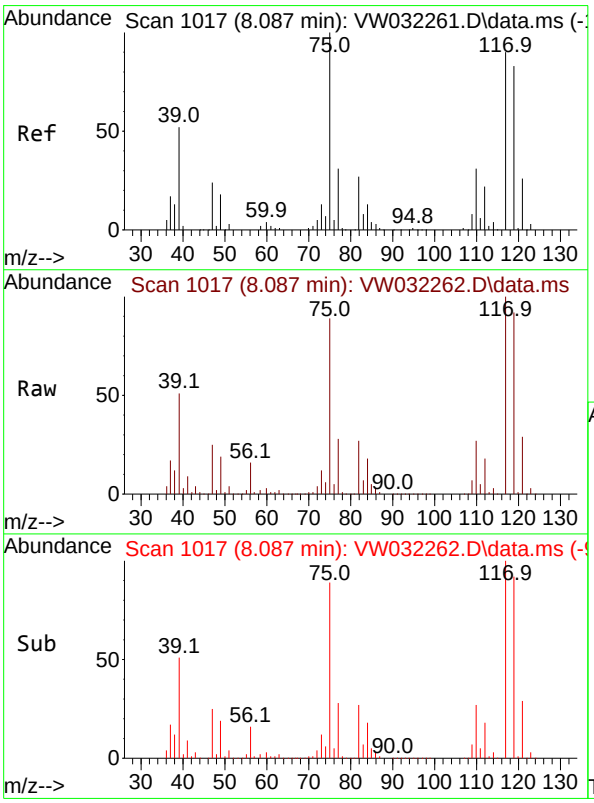
Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.5	15.7
70	10.3	8.5	12.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

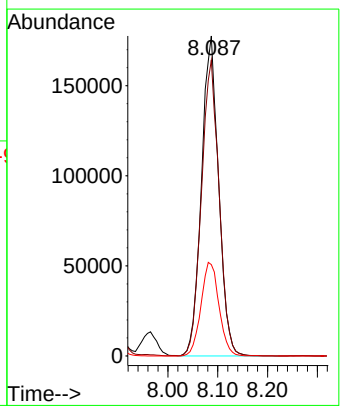


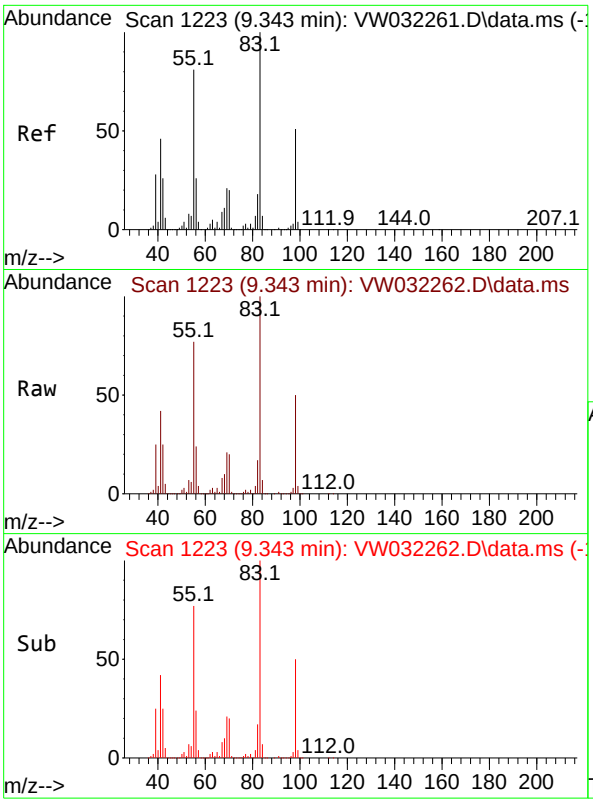


#38
Carbon Tetrachloride
Concen: 99.075 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:117 Resp: 424225

Ion	Ratio	Lower	Upper
117	100		
119	92.5	73.9	110.9
121	28.5	23.0	34.6





#39
Methylcyclohexane
Concen: 104.193 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

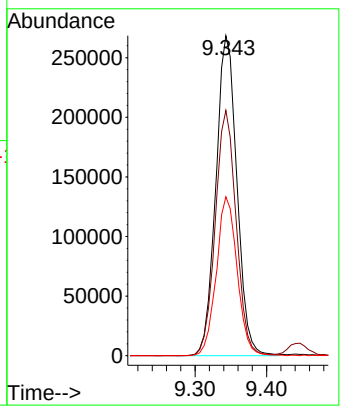
Tgt Ion: 83 Resp: 54869

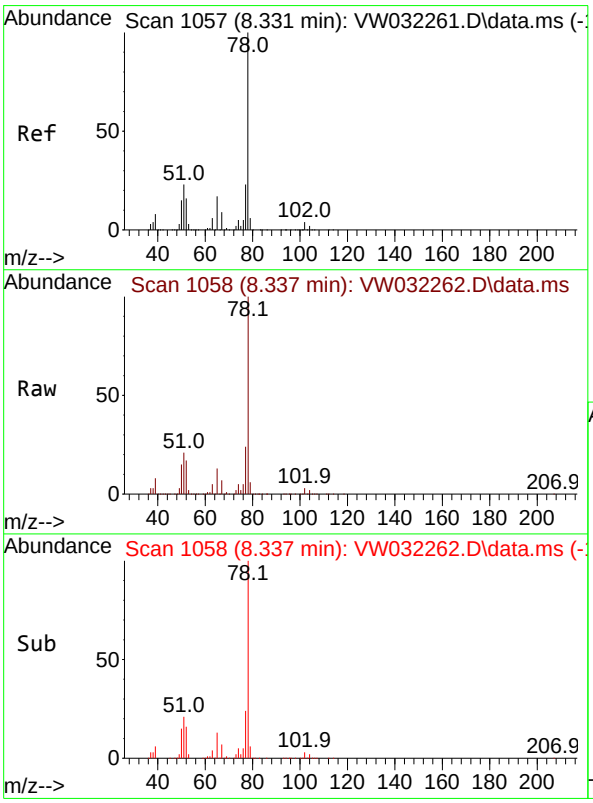
Ion	Ratio	Lower	Upper
83	100		
55	76.6	65.0	97.6
98	49.6	40.8	61.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

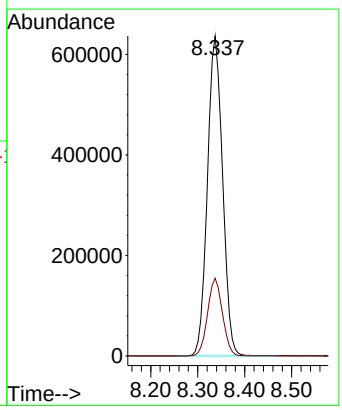


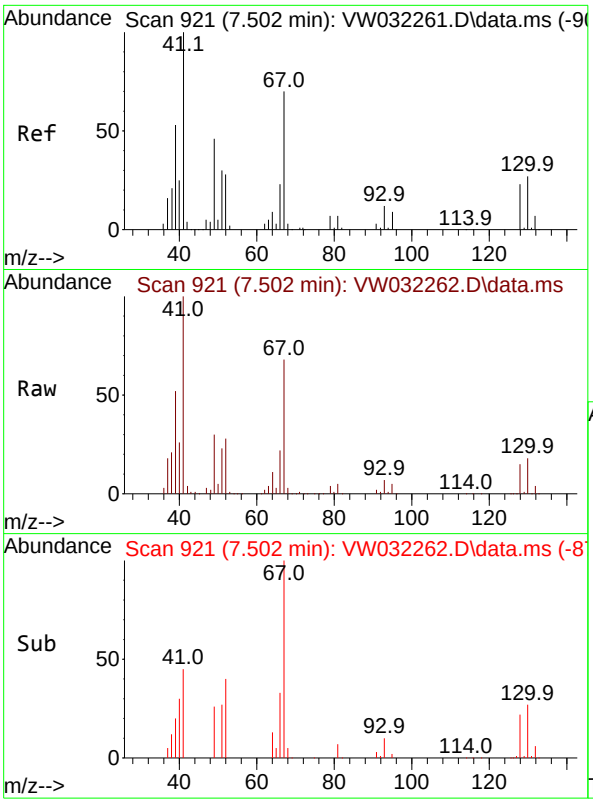


#40
Benzene
Concen: 99.306 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 78 Resp: 1422633

Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1

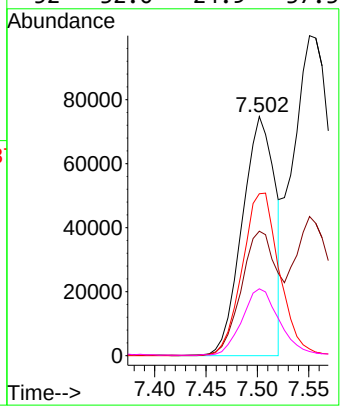




#41
Methacrylonitrile
Concen: 96.094 ug/l
RT: 7.502 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 41 Resp: 16611

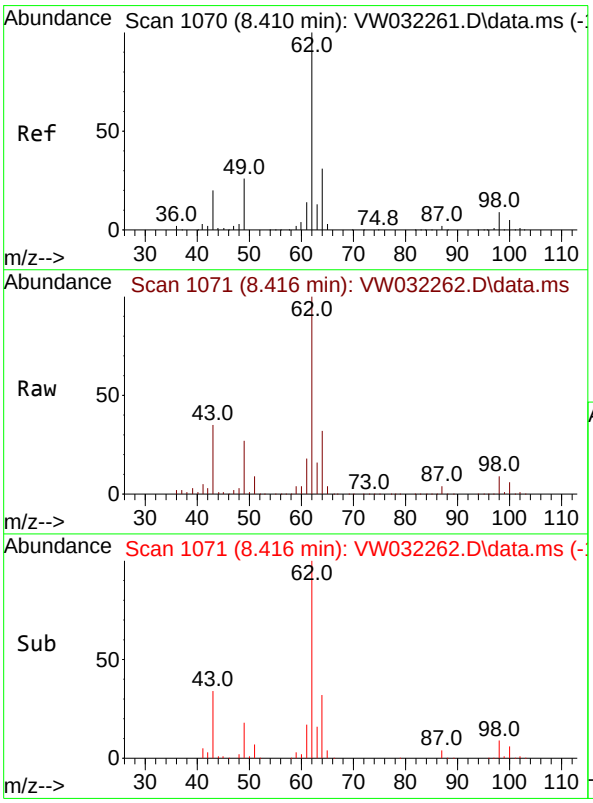
Ion	Ratio	Lower	Upper
41	100		
39	58.2	46.9	70.3
67	77.3	59.0	88.4
52	32.0	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

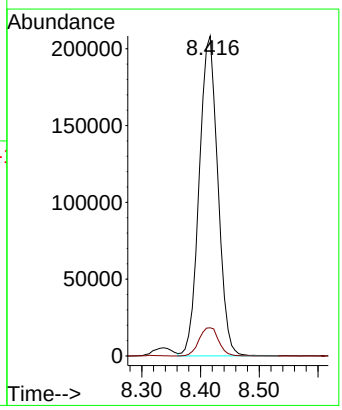
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

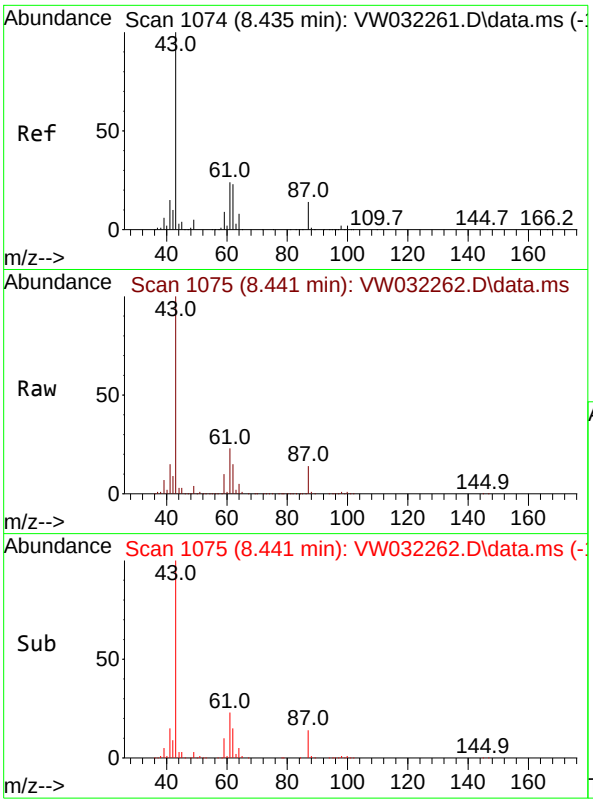


#42
1,2-Dichloroethane
Concen: 96.165 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 62 Resp: 457918

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

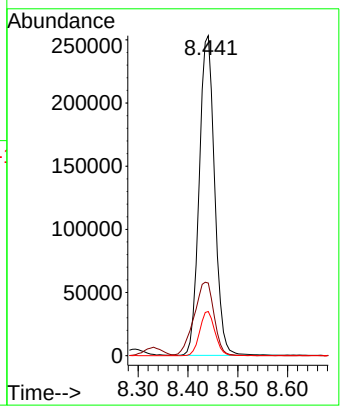




#43
Isopropyl Acetate
Concen: 100.345 ug/l
RT: 8.441 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 43 Resp: 54217

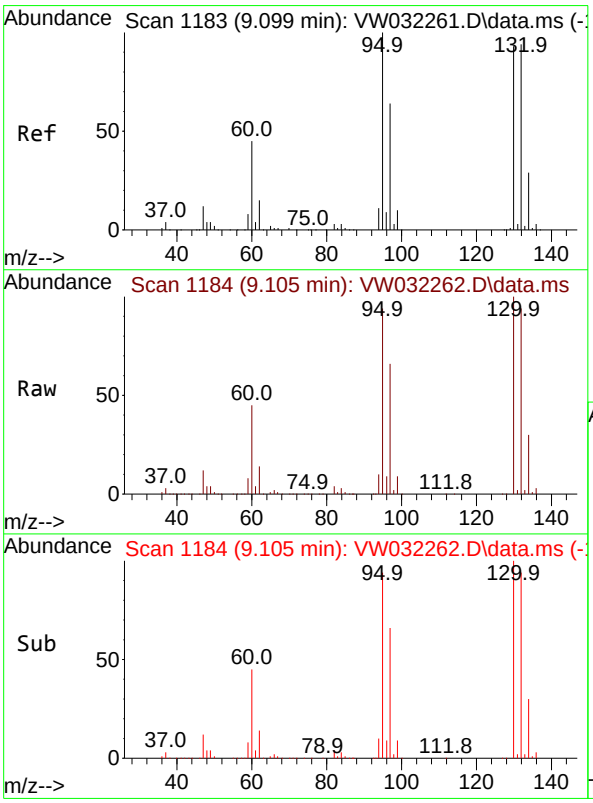
Ion	Ratio	Lower	Upper
43	100		
61	29.8	24.2	36.2
87	13.7	10.6	16.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

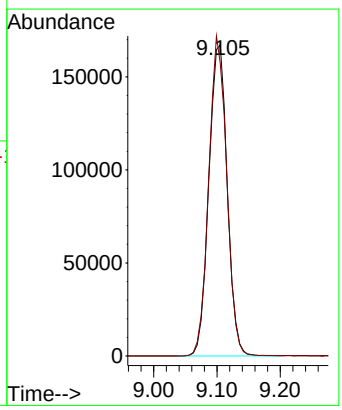
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

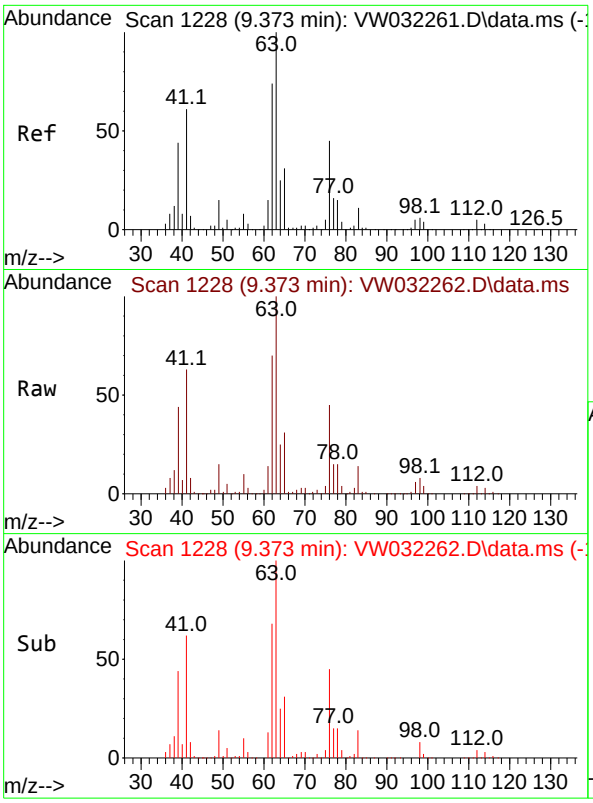


#44
Trichloroethene
Concen: 100.631 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:130 Resp: 336963

Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	215.2

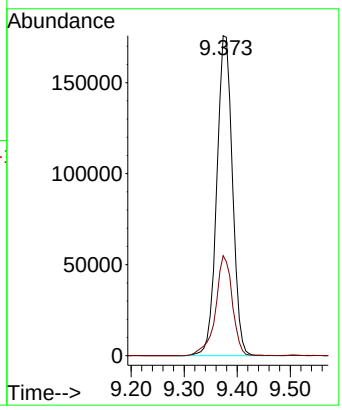




#45
1,2-Dichloropropane
Concen: 97.236 ug/l
RT: 9.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 63 Resp: 36077

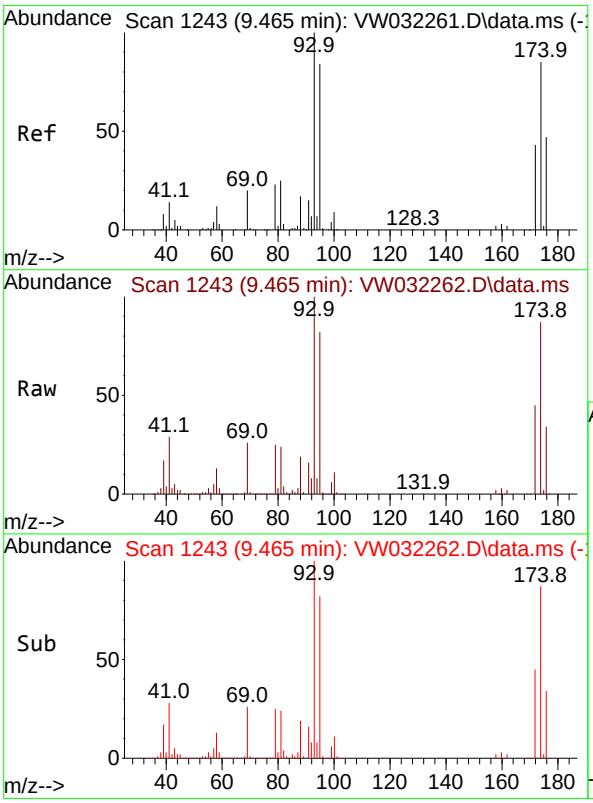
Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

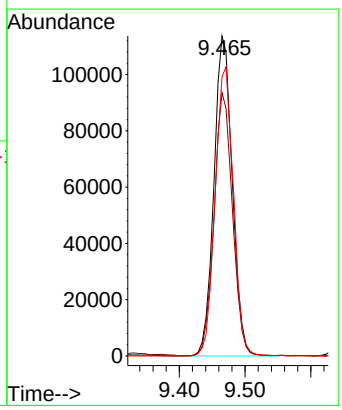
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

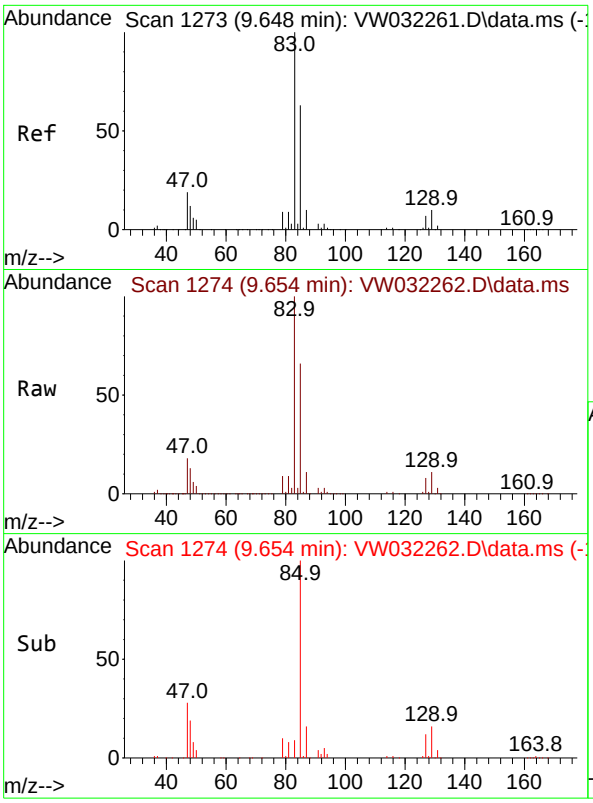


#46
Dibromomethane
Concen: 96.902 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 93 Resp: 221052

Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.6	99.8
174	89.9	69.0	103.6

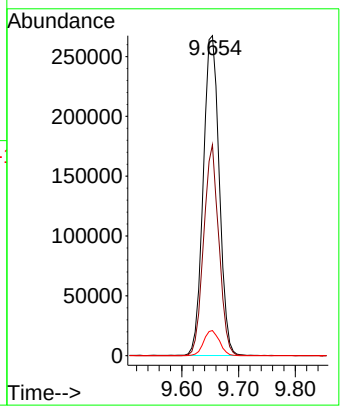




#47
Bromodichloromethane
Concen: 100.472 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 83 Resp: 52275

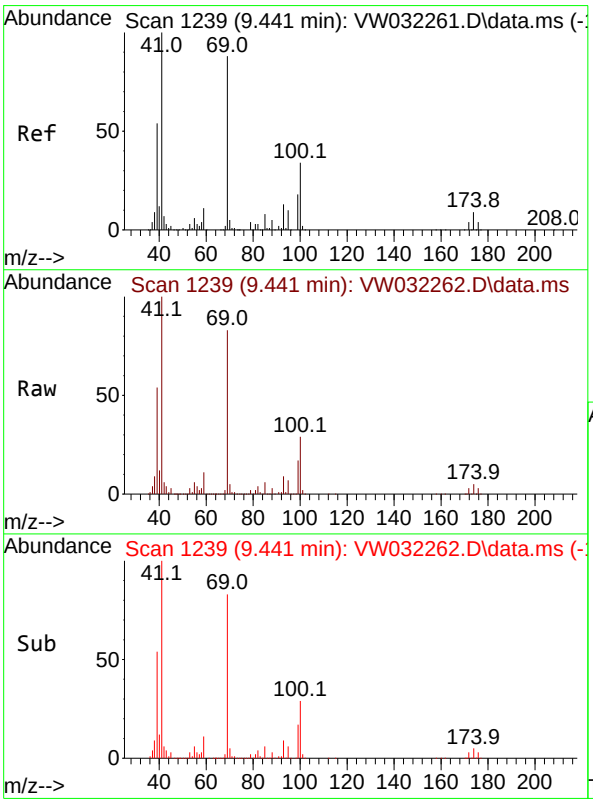
Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.3	75.5
127	7.8	5.6	8.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

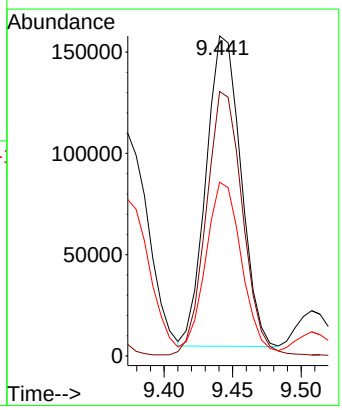
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

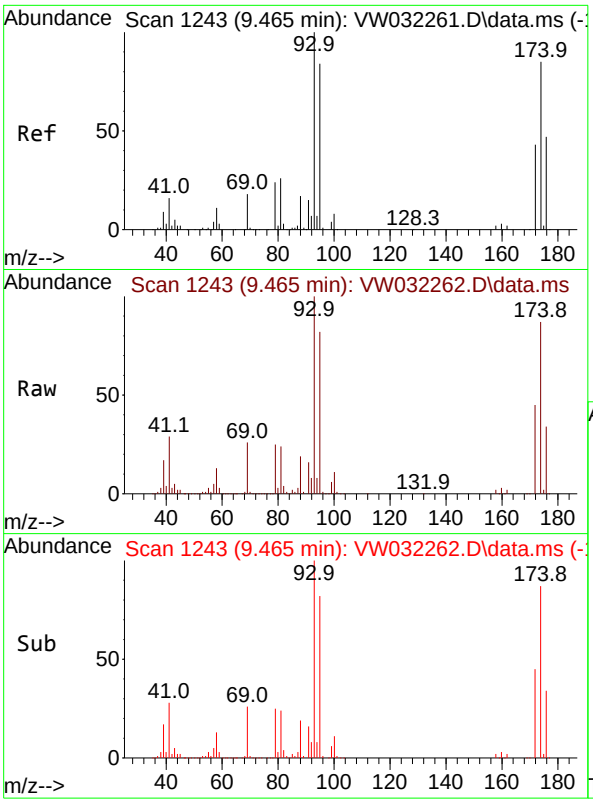


#48
Methyl methacrylate
Concen: 106.349 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 41 Resp: 270335

Ion	Ratio	Lower	Upper
41	100		
69	89.0	71.4	107.0
39	58.3	46.9	70.3

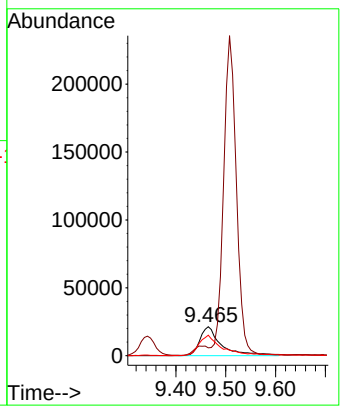




#49
1,4-Dioxane
Concen: 2071.095 ug/l
RT: 9.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 88 Resp: 6327

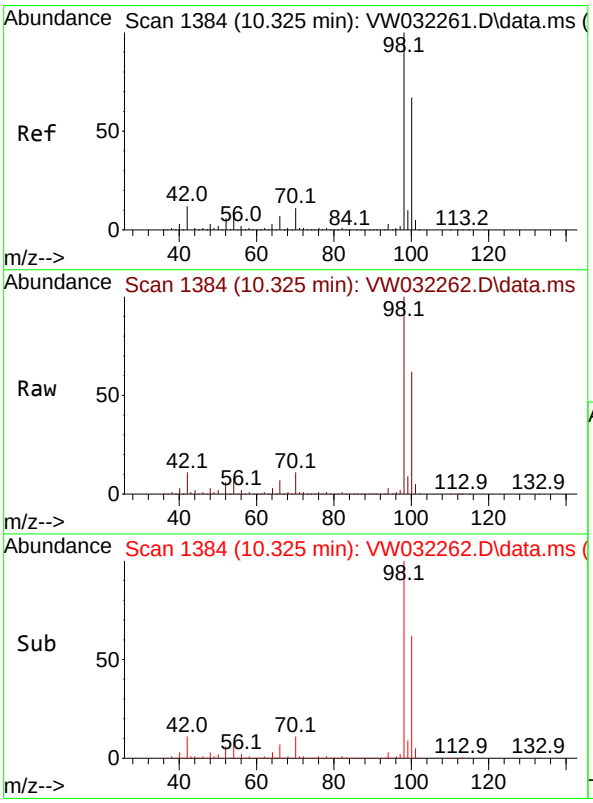
Ion	Ratio	Lower	Upper
88	100		
43	21.2	0.0	0.0
58	78.3	62.9	94.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

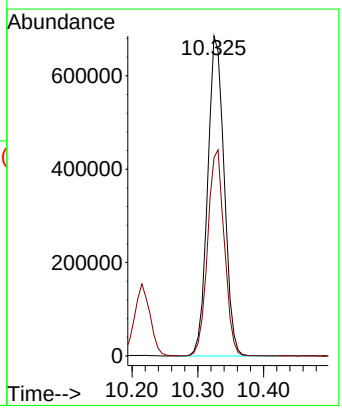
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

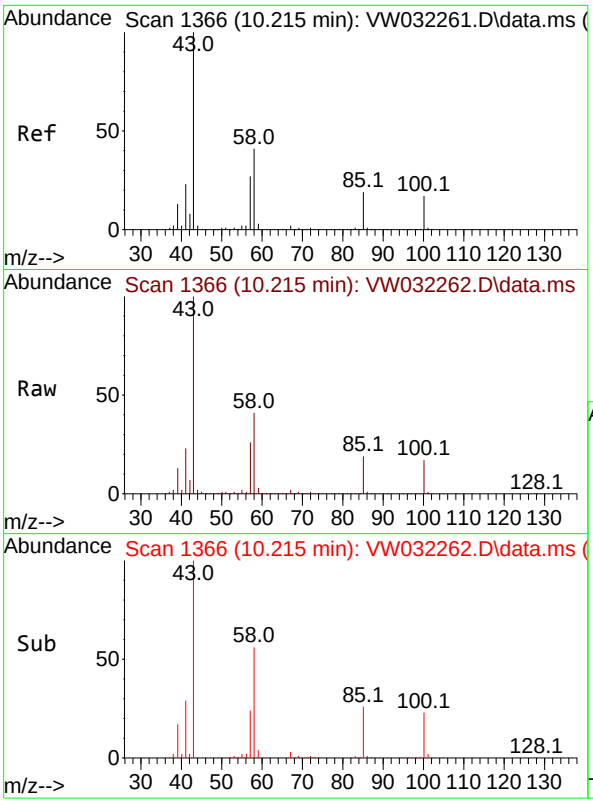


#50
Toluene-d8
Concen: 98.302 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 98 Resp: 1195947

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4

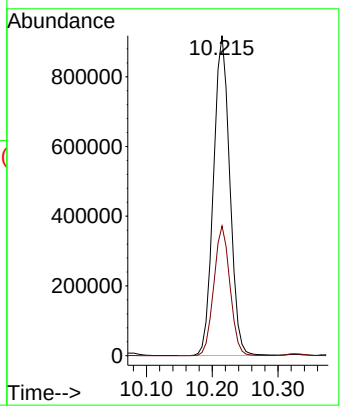




#51
4-Methyl-2-Pentanone
Concen: 495.237 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 43 Resp: 158652

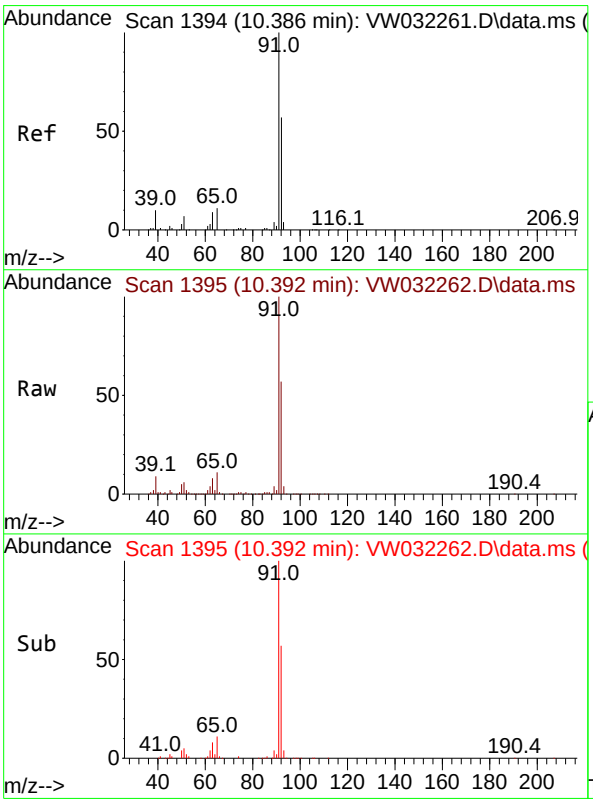
Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.3	48.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

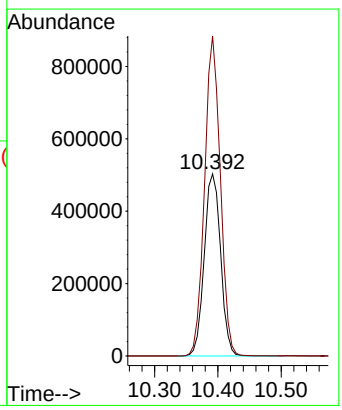
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

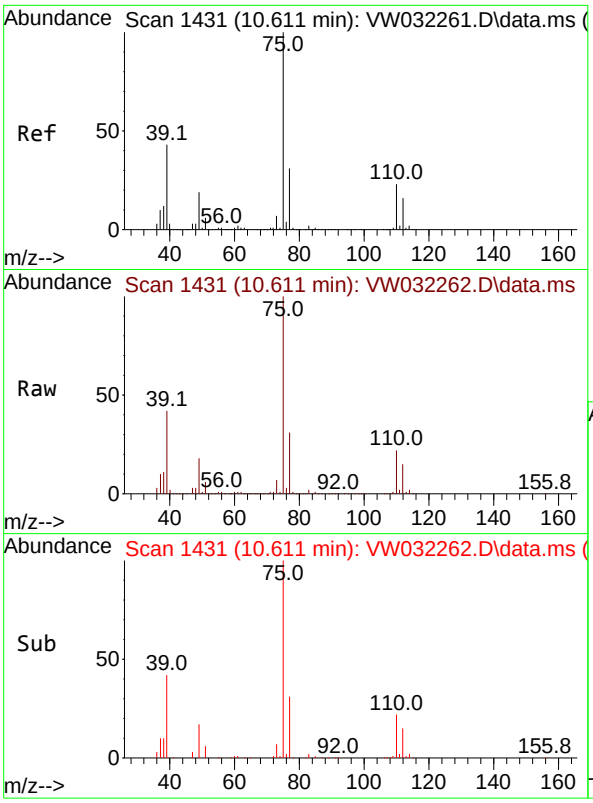


#52
Toluene
Concen: 101.852 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 92 Resp: 904359

Ion	Ratio	Lower	Upper
92	100		
91	169.3	139.2	208.8





#53
t-1,3-Dichloropropene
Concen: 109.064 ug/l
RT: 10.611 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

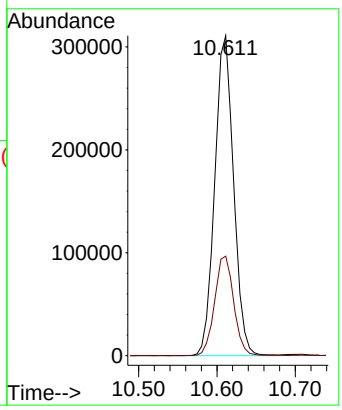
Tgt Ion: 75 Resp: 51990

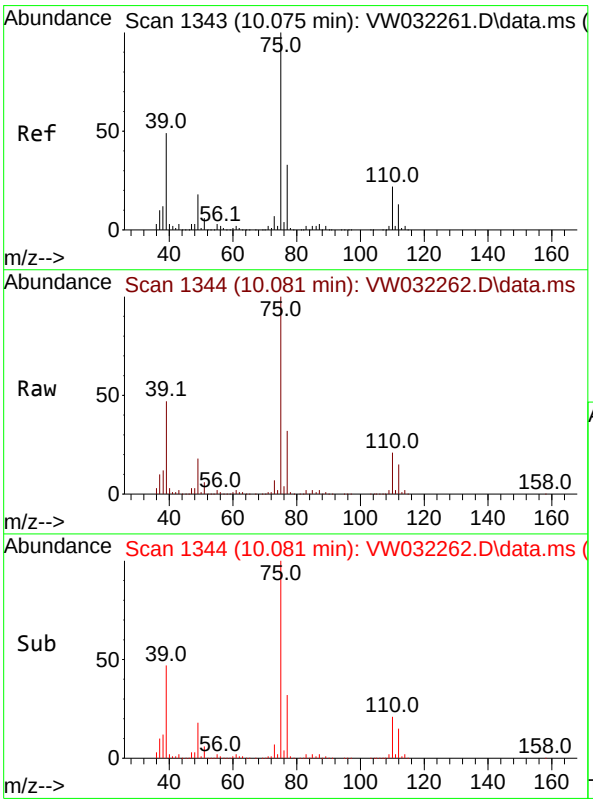
Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	37.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

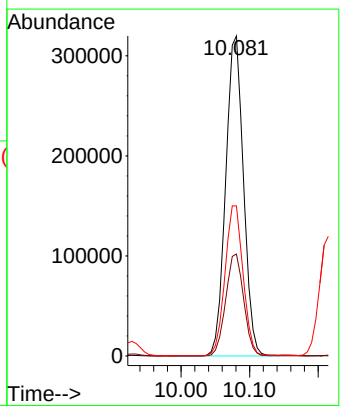


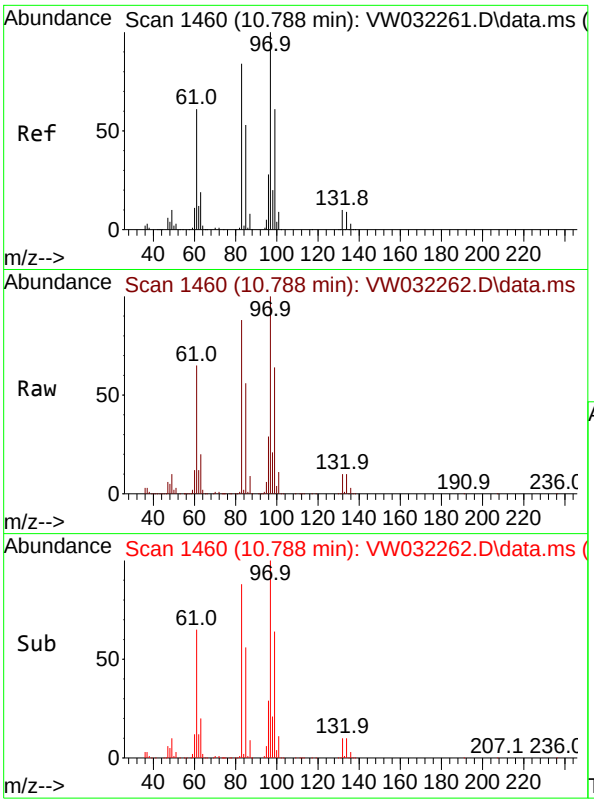


#54
cis-1,3-Dichloropropene
Concen: 104.759 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 75 Resp: 576534

Ion	Ratio	Lower	Upper
75	100		
77	31.8	26.2	39.4
39	46.8	39.0	58.6

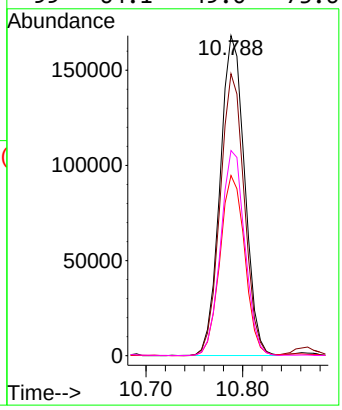




#55
1,1,2-Trichloroethane
Concen: 95.211 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 97 Resp: 29646

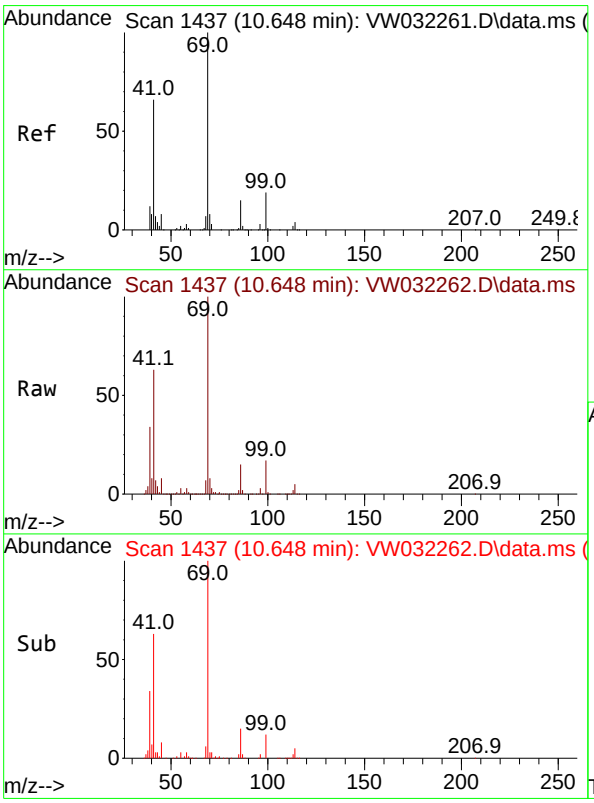
Ion	Ratio	Lower	Upper
97	100		
83	88.1	67.4	101.2
85	56.3	42.0	63.0
99	64.1	49.0	73.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

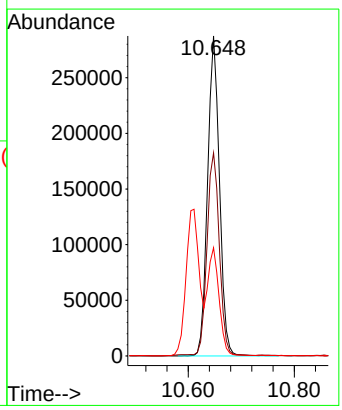
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

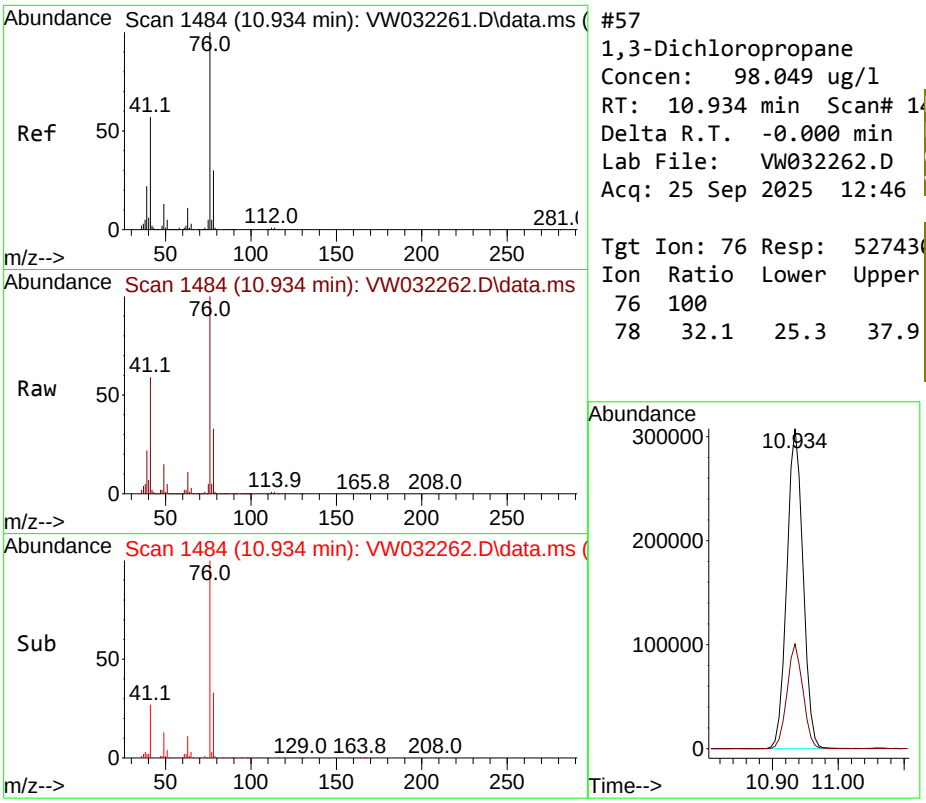


#56
Ethyl methacrylate
Concen: 108.677 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 69 Resp: 445747

Ion	Ratio	Lower	Upper
69	100		
41	66.4	54.7	82.1
39	32.0	26.3	39.5





#57
1,3-Dichloropropane
Concen: 98.049 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

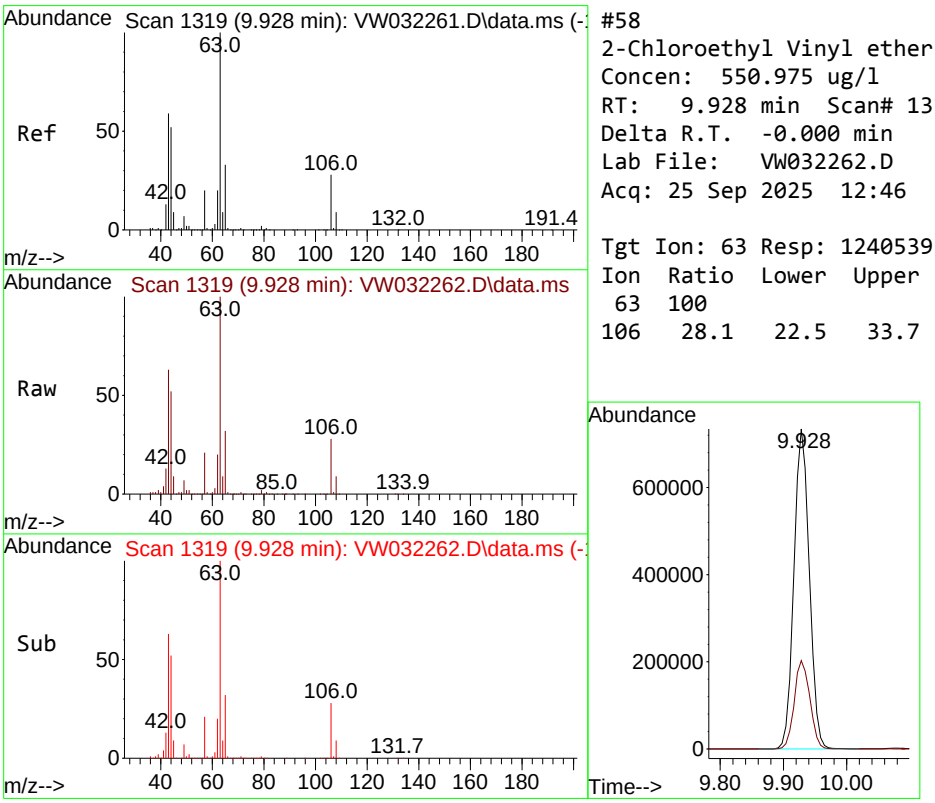
Tgt Ion: 76 Resp: 52743(

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.3	37.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

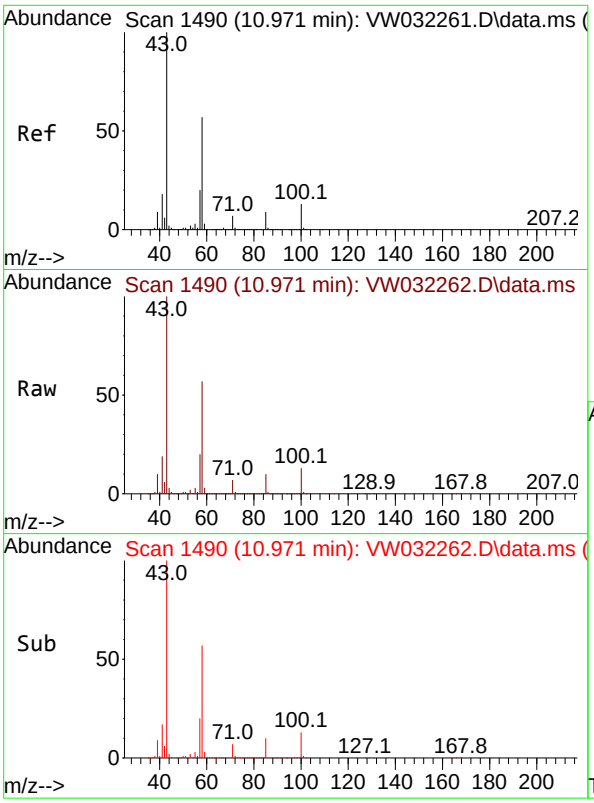
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 550.975 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 63 Resp: 1240539

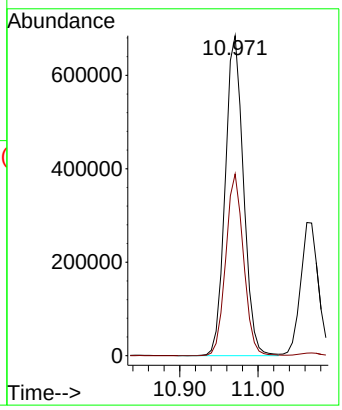
Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.5	33.7



#59
2-Hexanone
Concen: 506.646 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 43 Resp: 110838

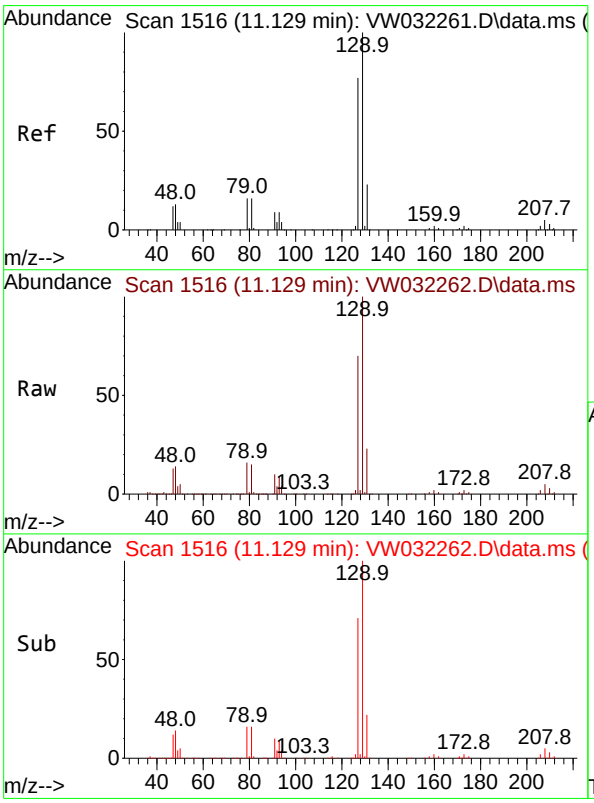
Ion	Ratio	Lower	Upper
43	100		
58	55.4	27.9	83.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

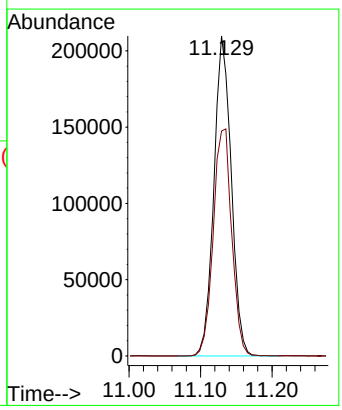
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

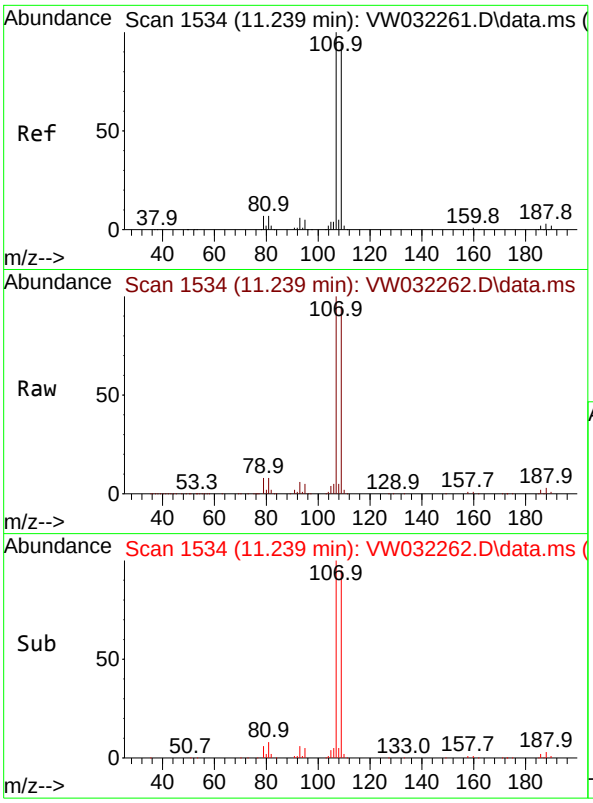


#60
Dibromochloromethane
Concen: 103.376 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:129 Resp: 353508

Ion	Ratio	Lower	Upper
129	100		
127	75.6	39.3	117.8

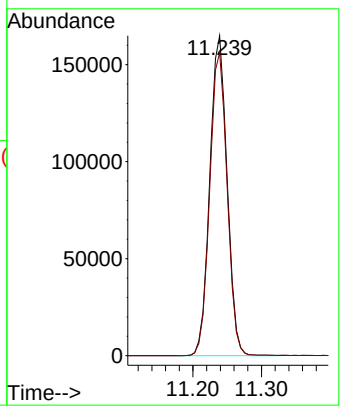




#61
1,2-Dibromoethane
Concen: 98.079 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:107 Resp: 28933

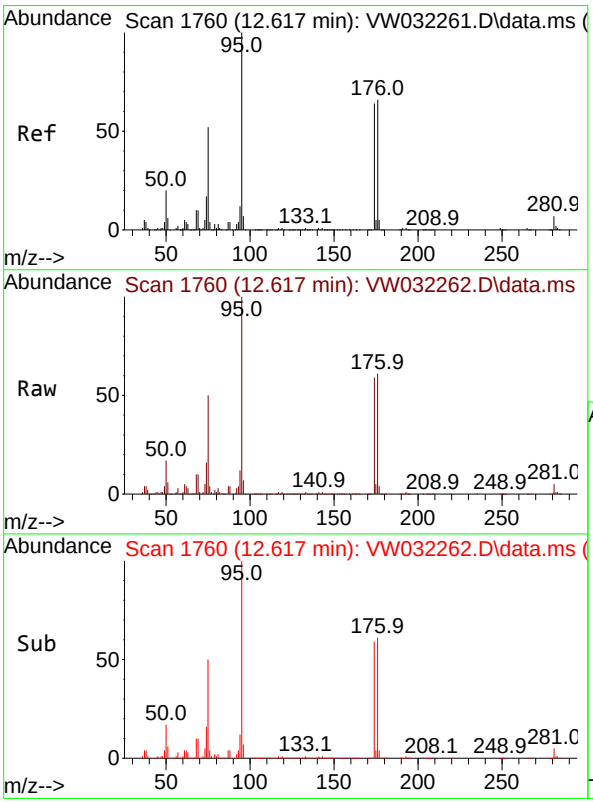
Ion	Ratio	Lower	Upper
107	100		
109	94.8	74.1	111.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

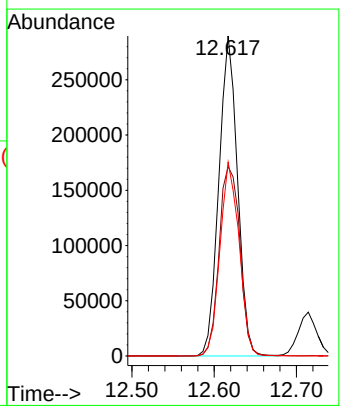
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

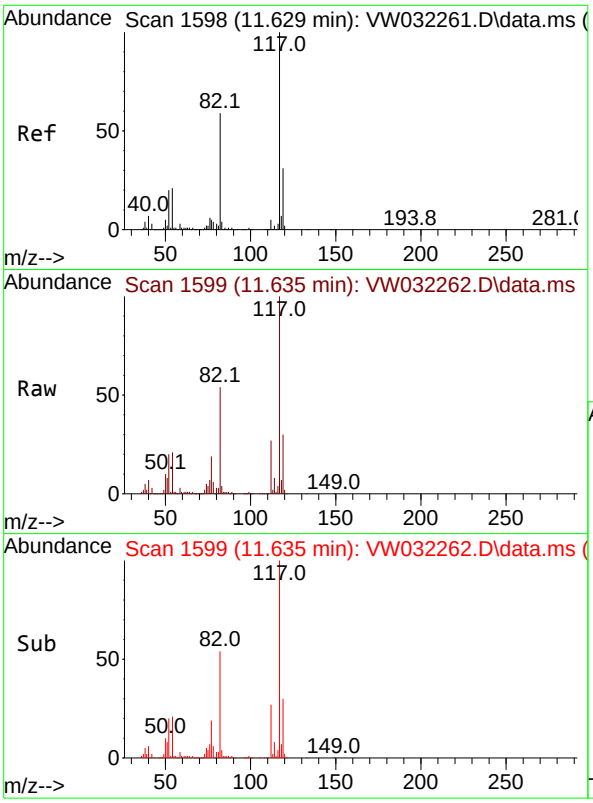


#62
4-Bromofluorobenzene
Concen: 99.494 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 95 Resp: 456586

Ion	Ratio	Lower	Upper
95	100		
174	65.9	0.0	130.6
176	62.2	0.0	127.0

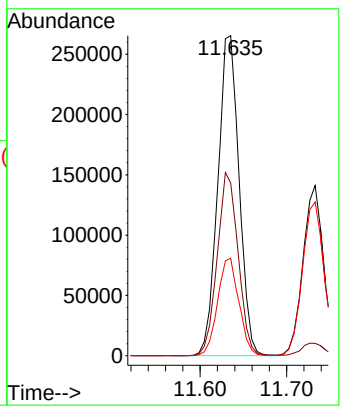




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:117 Resp: 45279

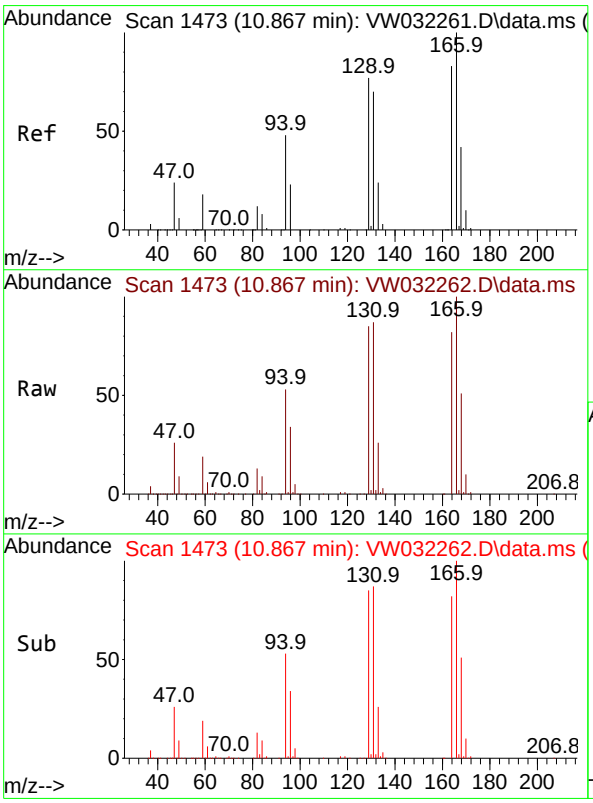
Ion	Ratio	Lower	Upper
117	100		
82	54.0	46.9	70.3
119	30.5	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

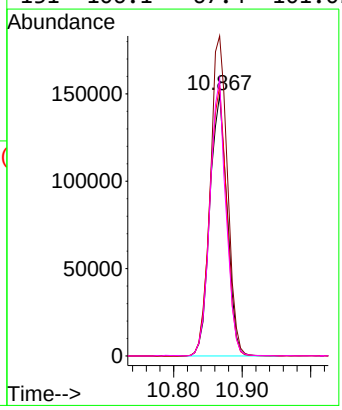
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

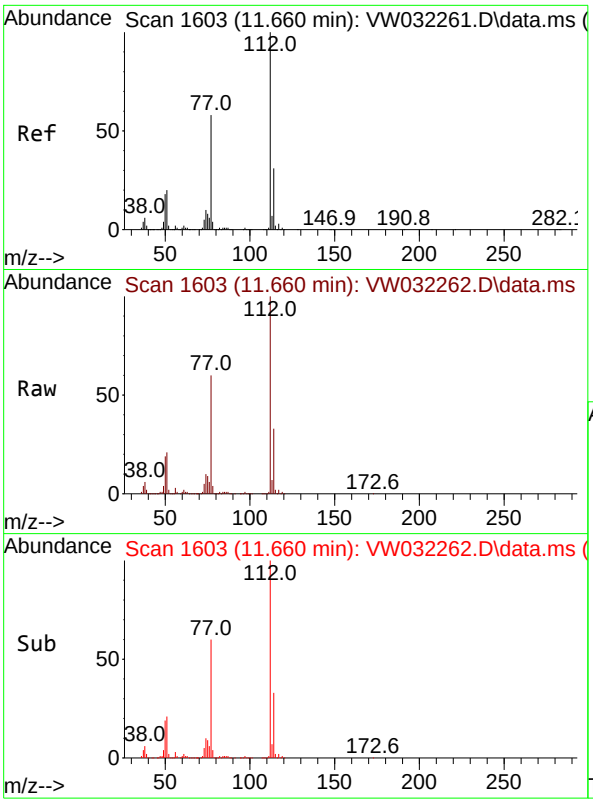


#64
Tetrachloroethene
Concen: 94.460 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:164 Resp: 260649

Ion	Ratio	Lower	Upper
164	100		
166	122.5	96.9	145.3
129	103.6	75.0	112.4
131	106.1	67.4	101.0#

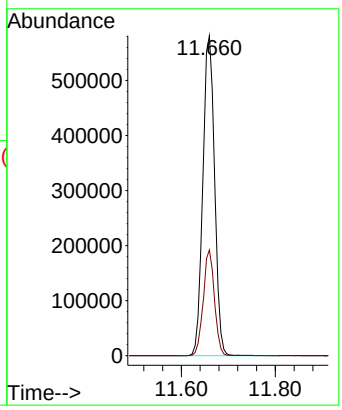




#65
Chlorobenzene
Concen: 96.257 ug/l
RT: 11.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:112 Resp: 100394

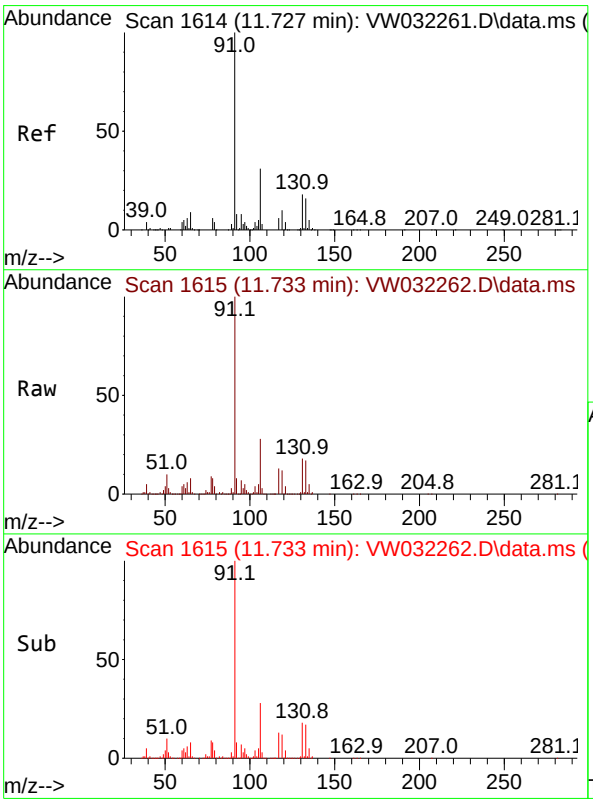
Ion	Ratio	Lower	Upper
112	100		
114	33.1	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

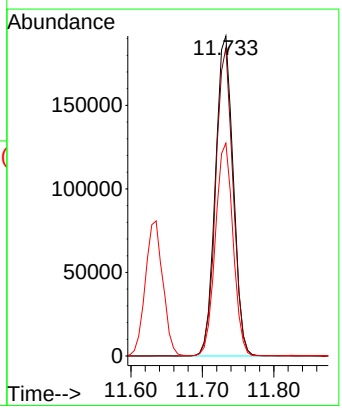
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

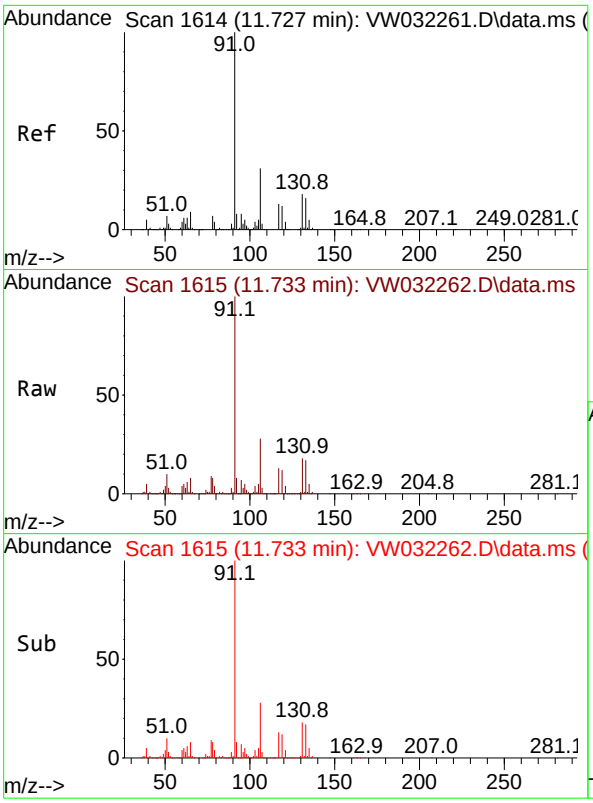


#66
1,1,1,2-Tetrachloroethane
Concen: 100.481 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:131 Resp: 331436

Ion	Ratio	Lower	Upper
131	100		
133	94.0	47.1	141.3
119	66.0	33.9	101.7

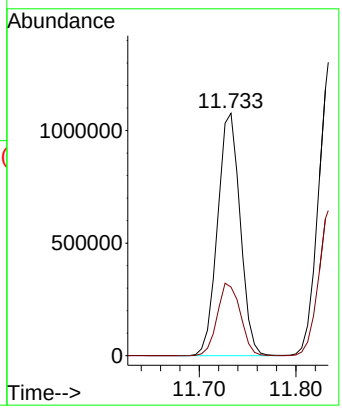




#67
Ethyl Benzene
Concen: 102.215 ug/l
RT: 11.733 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 91 Resp: 174497(

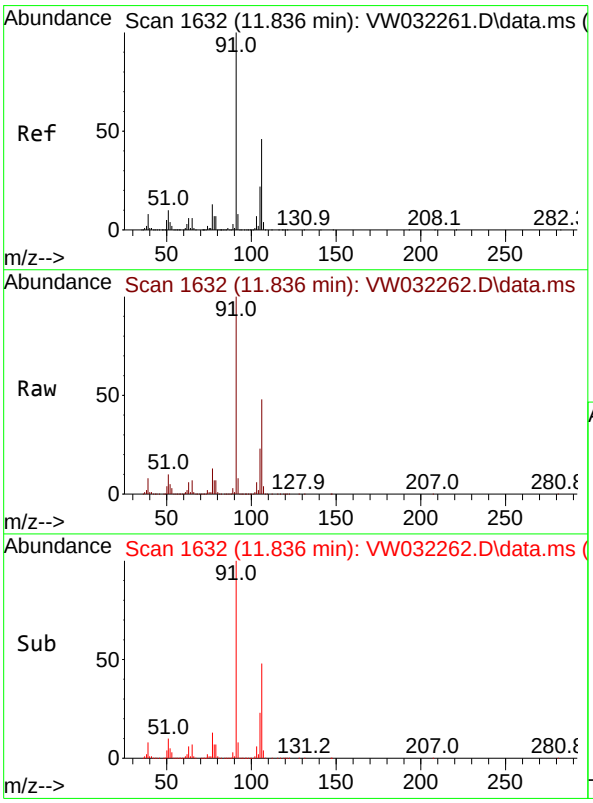
Ion	Ratio	Lower	Upper
91	100		
106	28.3	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
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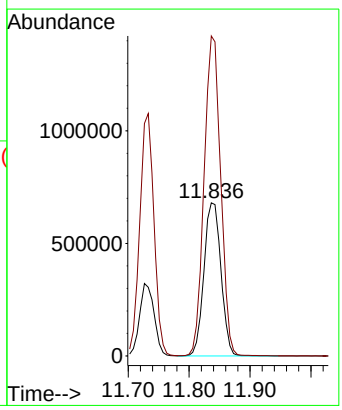
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

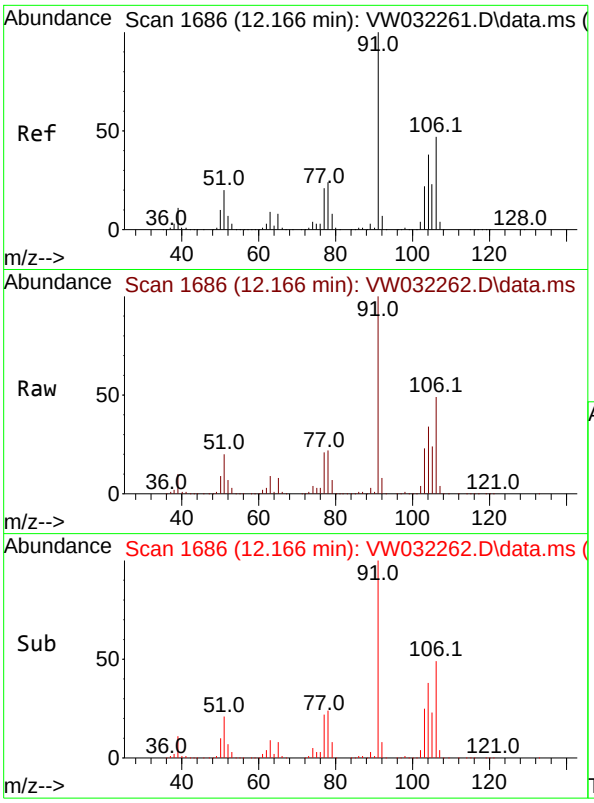


#68
m/p-Xylenes
Concen: 201.657 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:106 Resp: 1319678

Ion	Ratio	Lower	Upper
106	100		
91	204.1	169.0	253.4





#69
o-Xylene
Concen: 104.080 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

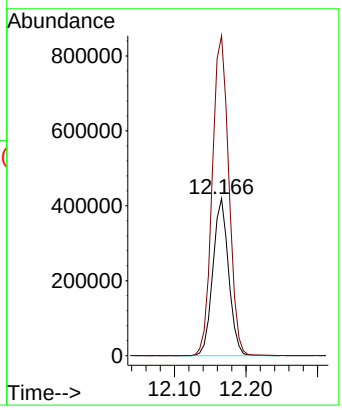
Tgt Ion:106 Resp: 64011

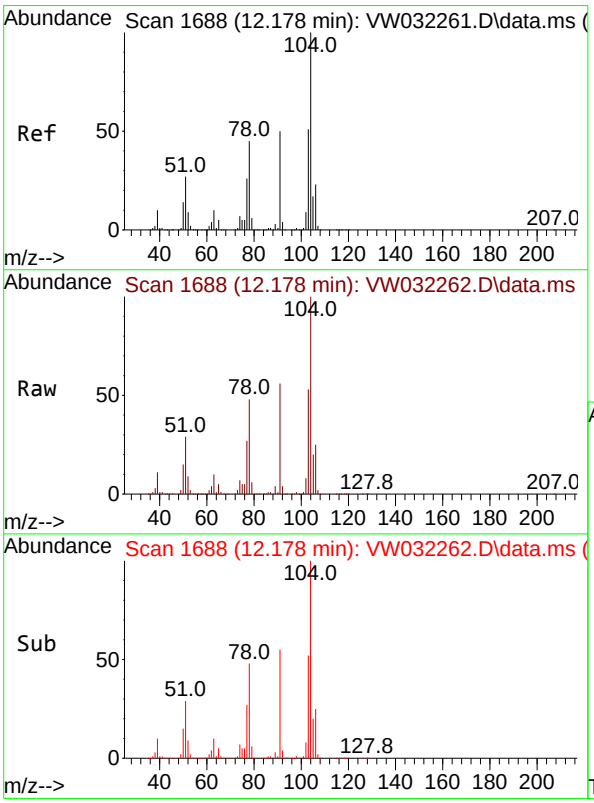
Ion	Ratio	Lower	Upper
106	100		
91	214.3	107.8	323.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

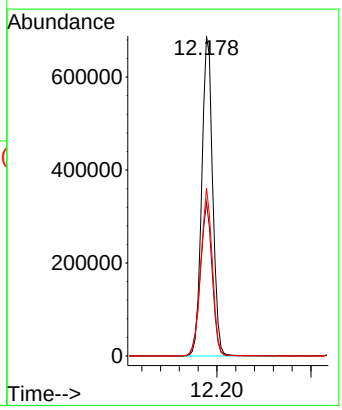


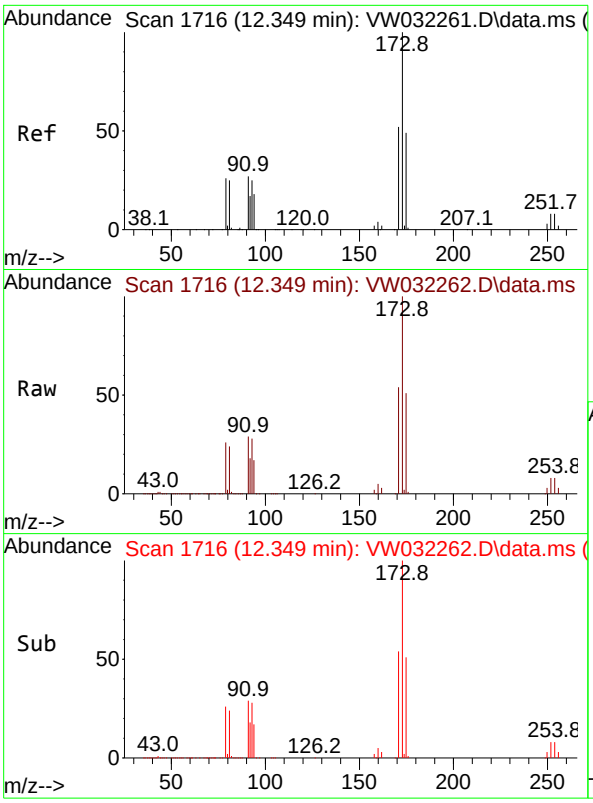


#70
Styrene
Concen: 102.647 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:104 Resp: 1107088

Ion	Ratio	Lower	Upper
104	100		
78	51.8	40.8	61.2
103	55.4	43.4	65.2

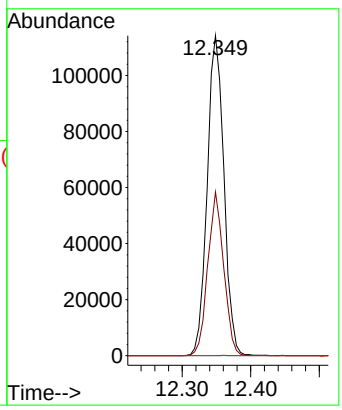




#71
Bromoform
Concen: 100.857 ug/l
RT: 12.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:173 Resp: 19386

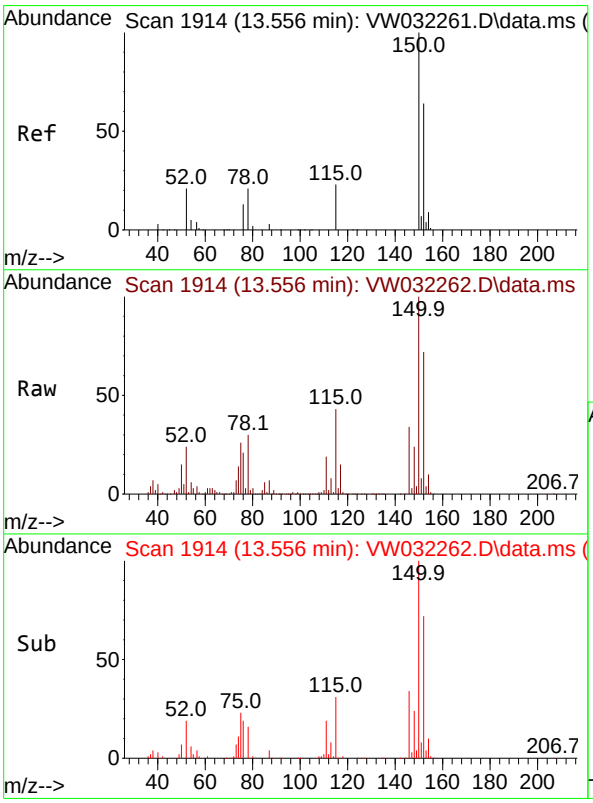
Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.1	69.2
254	0.0	0.1	0.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

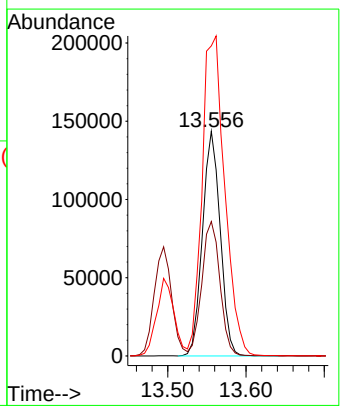
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

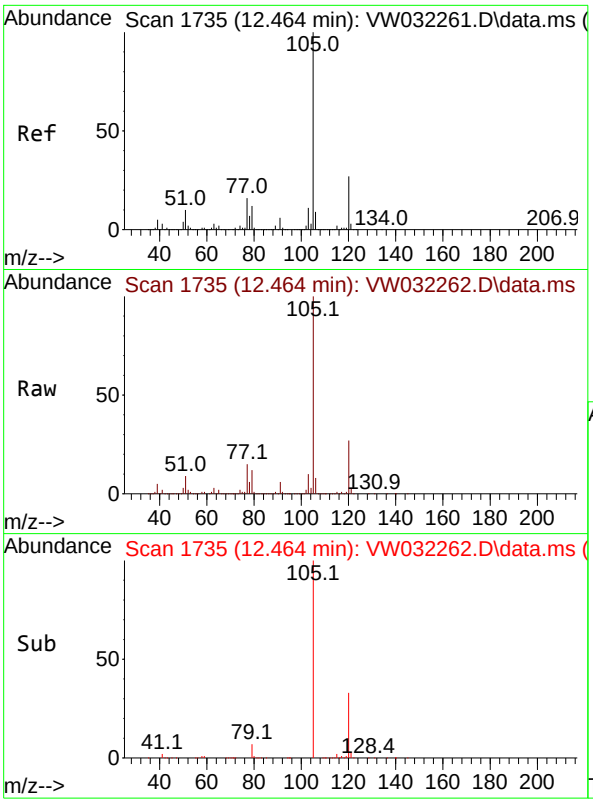


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:152 Resp: 225531

Ion	Ratio	Lower	Upper
152	100		
115	61.2	32.5	97.5
150	181.9	0.0	370.2

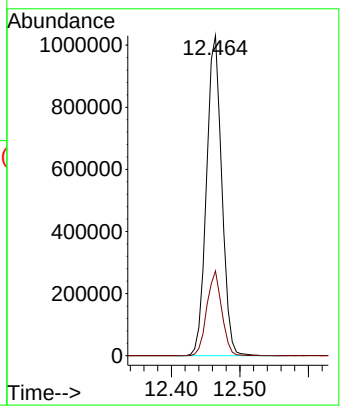




#73
Isopropylbenzene
Concen: 101.576 ug/l
RT: 12.464 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:105 Resp: 159447

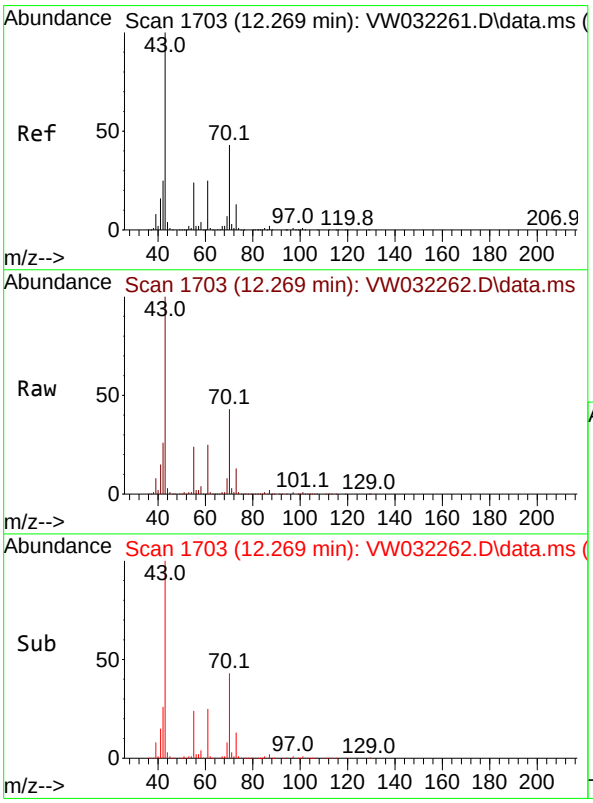
Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

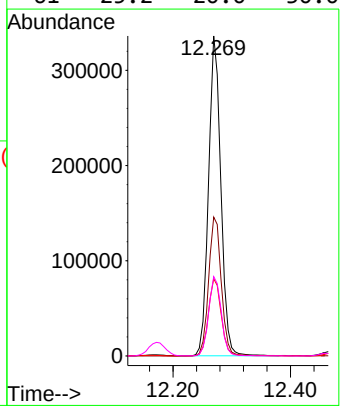
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

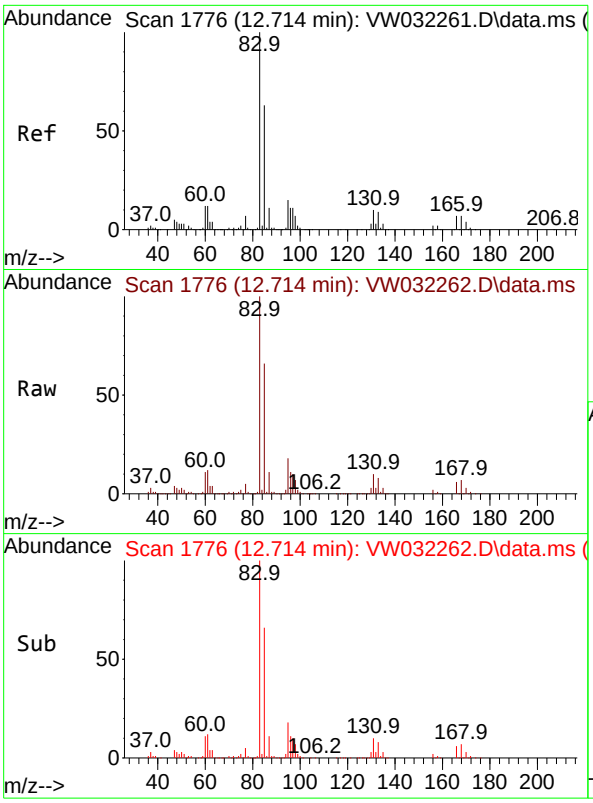


#74
N-amyl acetate
Concen: 99.091 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 43 Resp: 489840

Ion	Ratio	Lower	Upper
43	100		
70	44.8	35.0	52.4
55	25.2	20.6	31.0
61	25.2	20.0	30.0

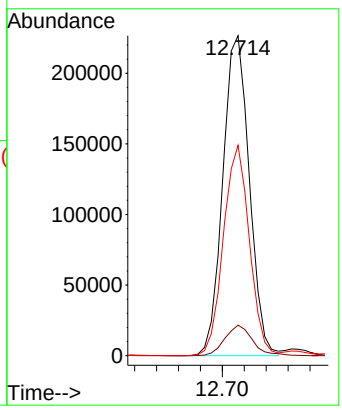




#75
1,1,2,2-Tetrachloroethane
Concen: 92.439 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 83 Resp: 38044

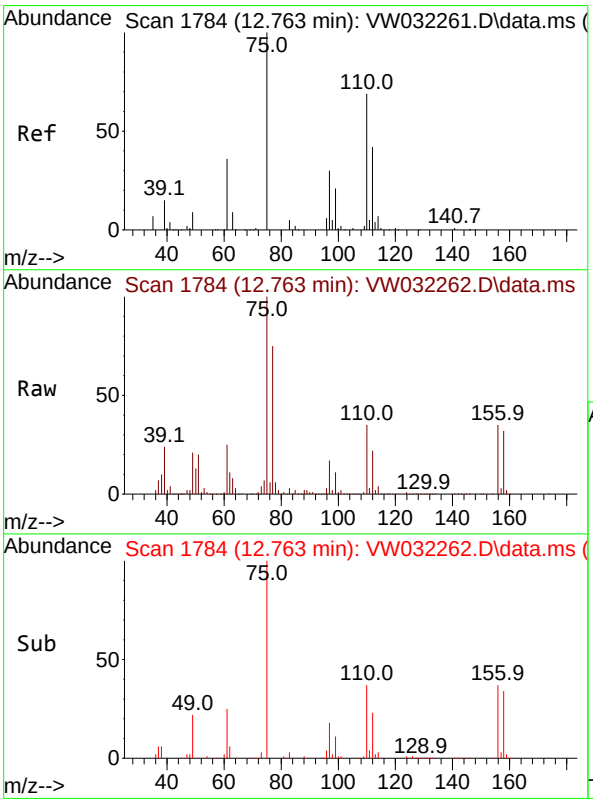
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	64.4	31.9	95.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
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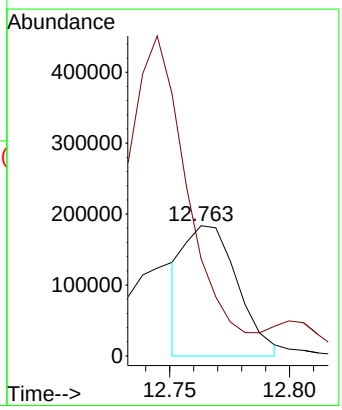
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

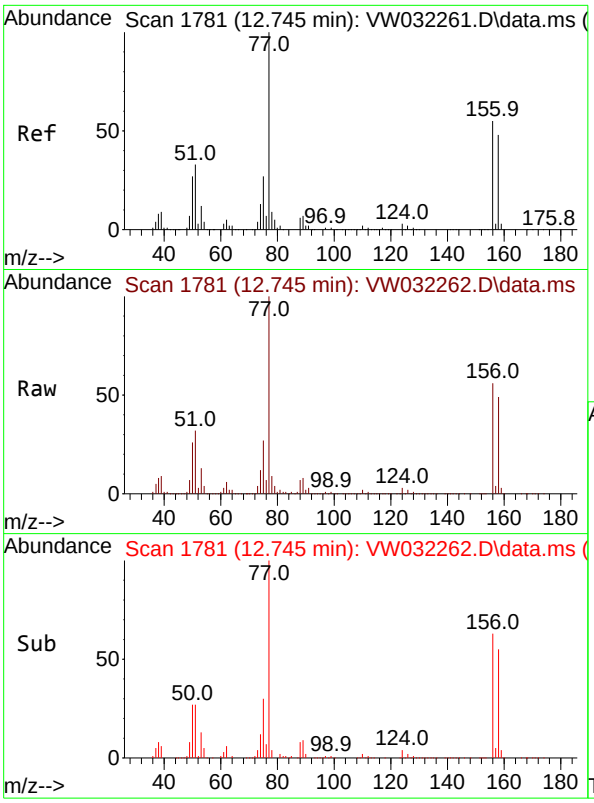


#76
1,2,3-Trichloropropane
Concen: 80.269 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 75 Resp: 284709

Ion	Ratio	Lower	Upper
75	100		
77	288.8	140.9	422.7

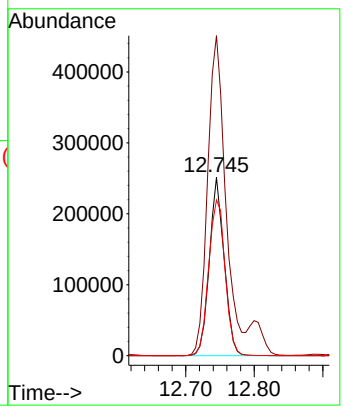




#77
Bromobenzene
Concen: 97.769 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:156 Resp: 37747

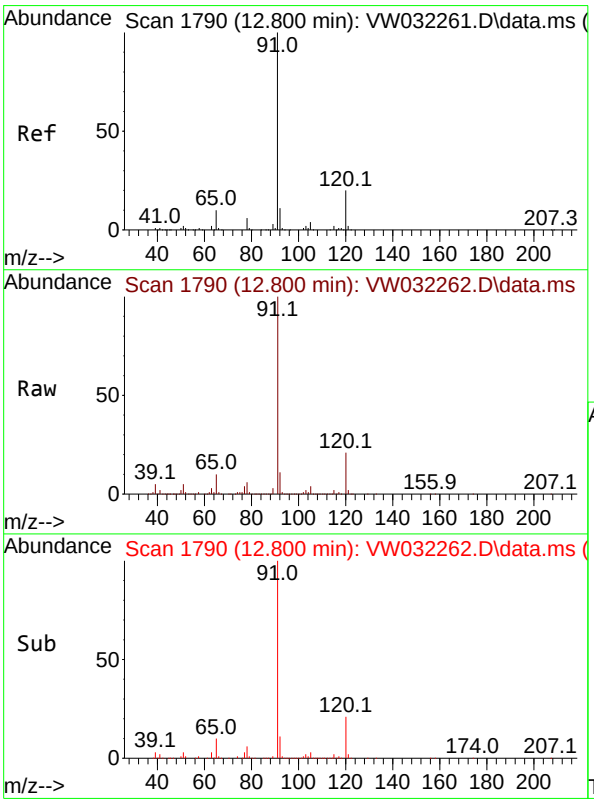
Ion	Ratio	Lower	Upper
156	100		
77	217.8	103.3	309.8
158	97.5	45.4	136.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

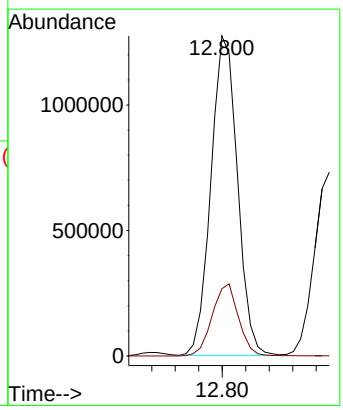
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

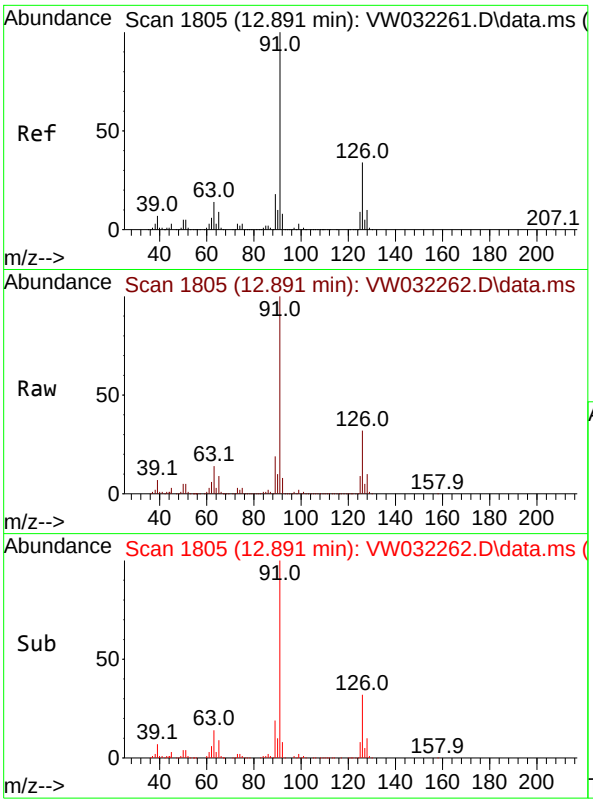


#78
n-propylbenzene
Concen: 101.306 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 91 Resp: 1997481

Ion	Ratio	Lower	Upper
91	100		
120	22.4	10.9	32.9

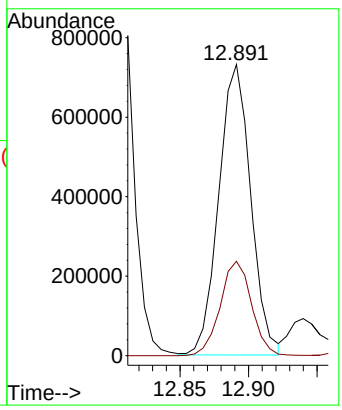




#79
2-Chlorotoluene
Concen: 99.258 ug/l
RT: 12.891 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 91 Resp: 118555

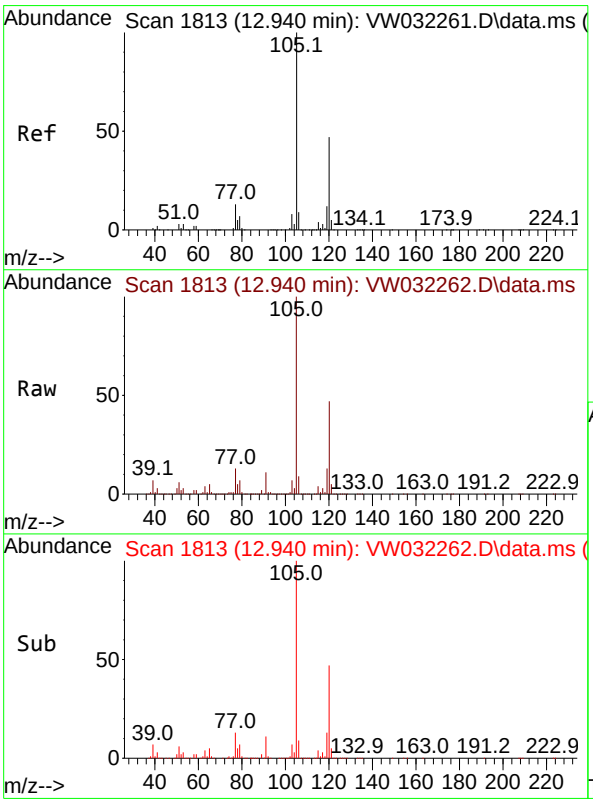
Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.3	48.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
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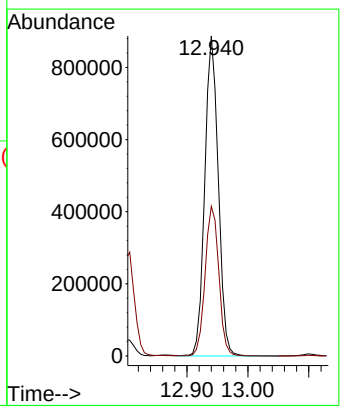
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

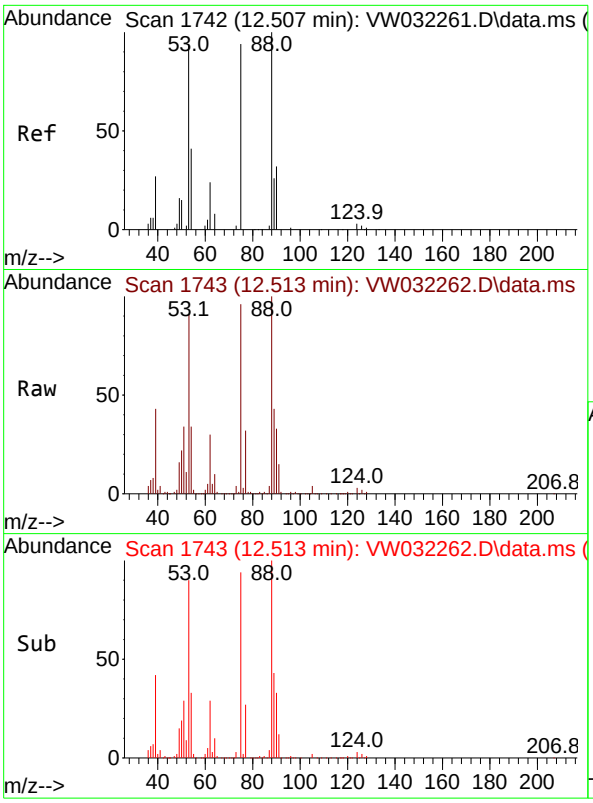


#80
1,3,5-Trimethylbenzene
Concen: 101.693 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:105 Resp: 1364777

Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 104.893 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

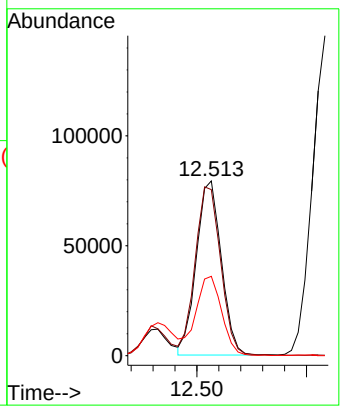
Tgt Ion: 75 Resp: 12530

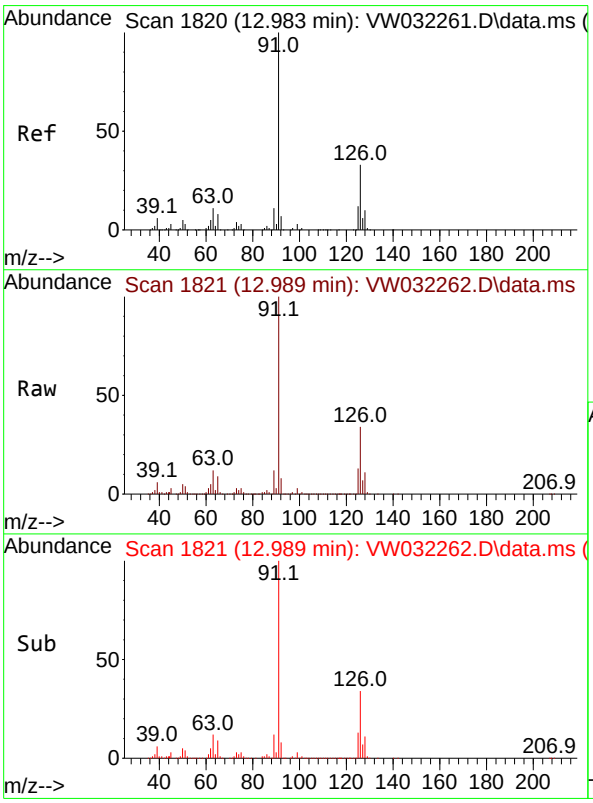
Ion	Ratio	Lower	Upper
75	100		
53	99.5	81.4	122.2
89	47.9	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

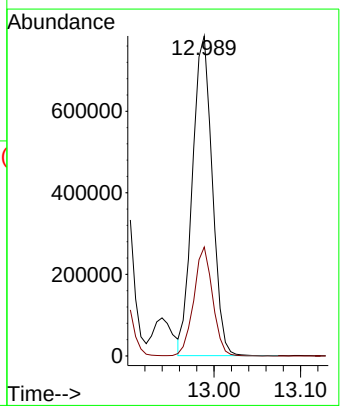


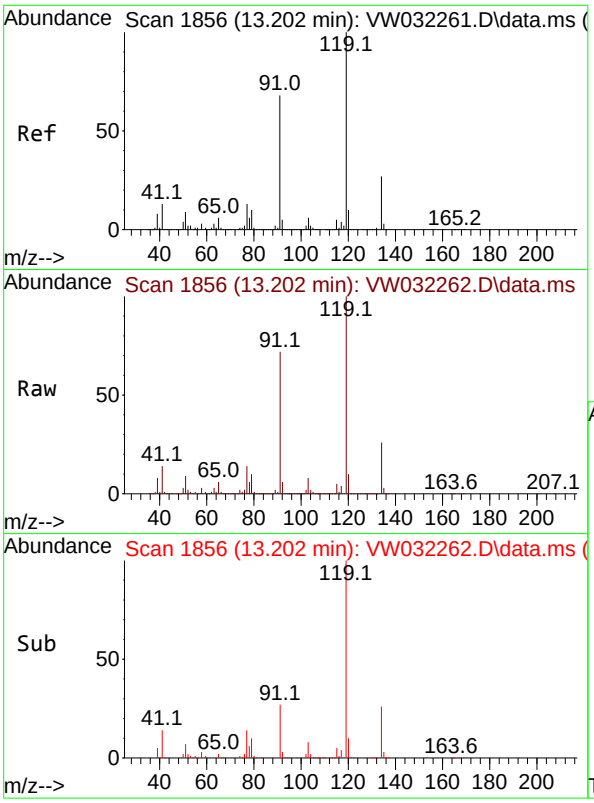


#82
4-Chlorotoluene
Concen: 98.344 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 91 Resp: 1241413

Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.5	49.5





#83
tert-Butylbenzene
Concen: 101.999 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

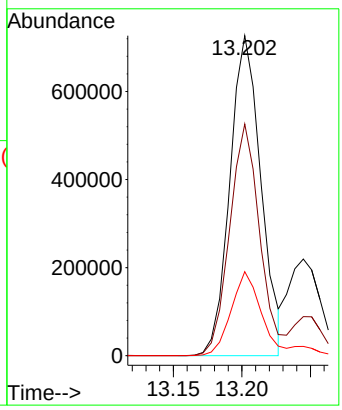
Tgt Ion:119 Resp: 114481

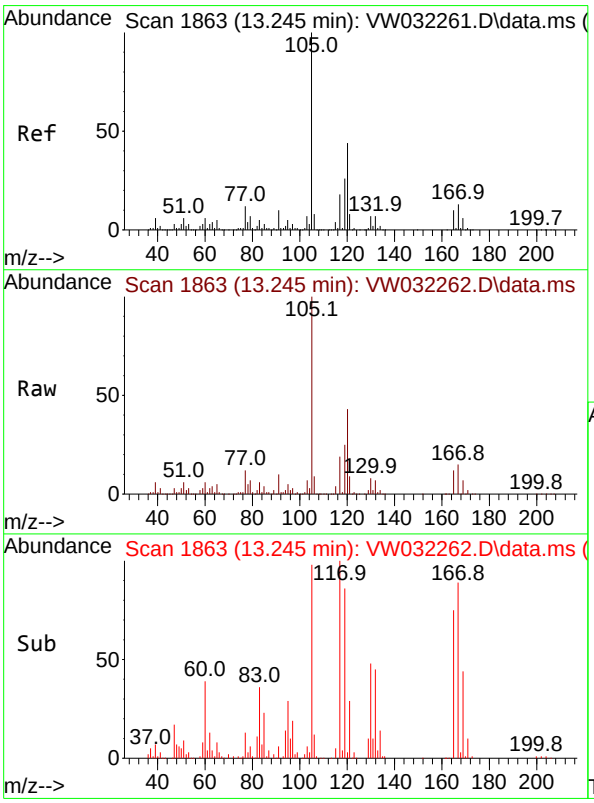
Ion	Ratio	Lower	Upper
119	100		
91	70.7	35.5	106.5
134	25.3	13.5	40.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

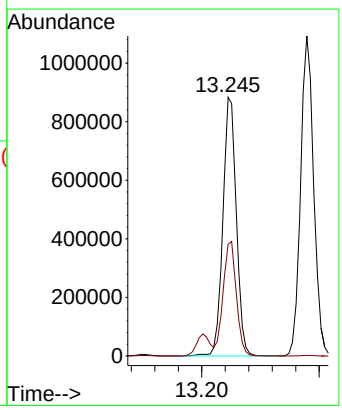


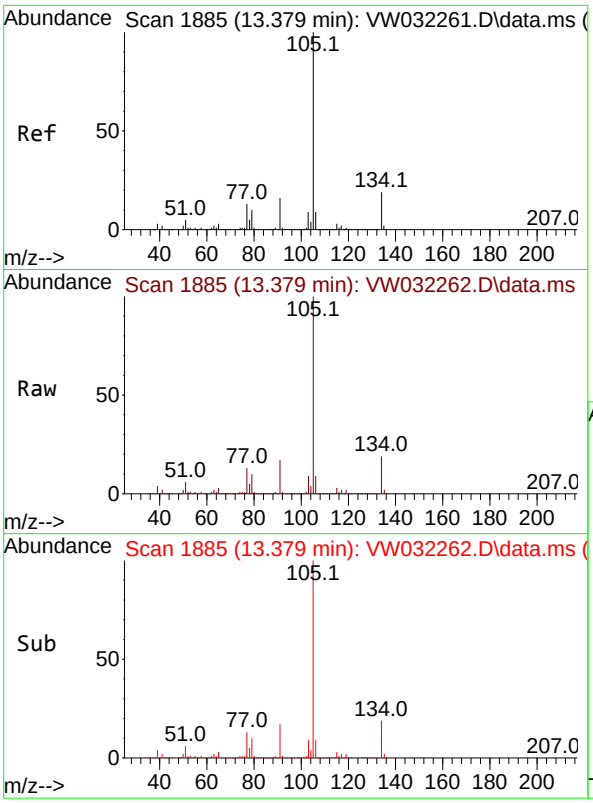


#84
1,2,4-Trimethylbenzene
Concen: 102.892 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:105 Resp: 1402022

Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.8	68.3

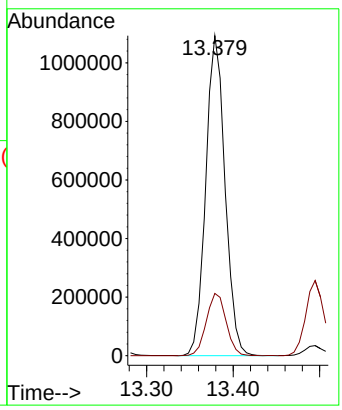




#85
sec-Butylbenzene
Concen: 100.034 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:105 Resp: 168602

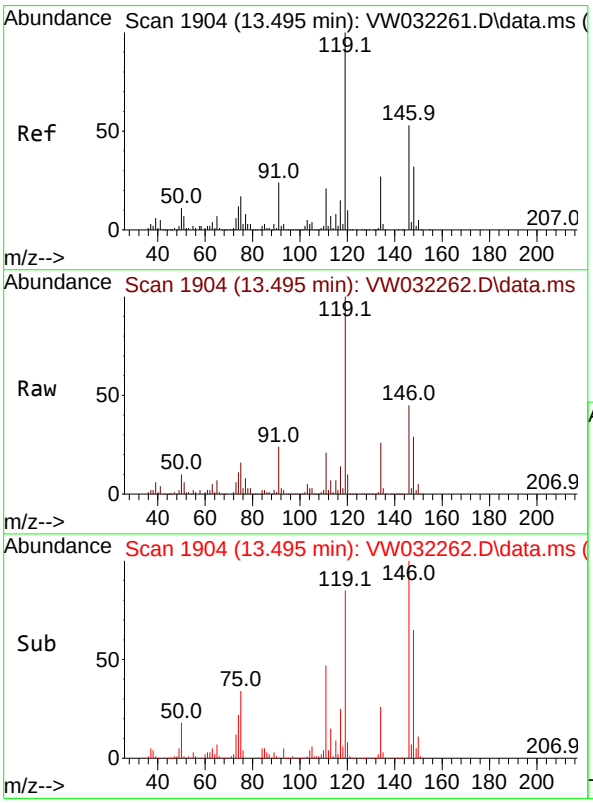
Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

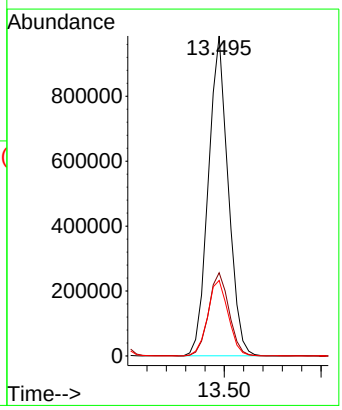
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

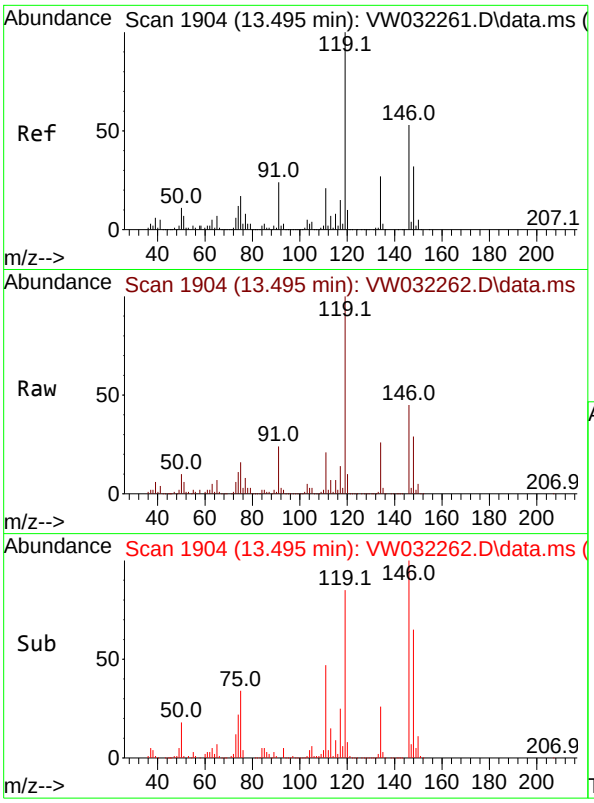


#86
p-Isopropyltoluene
Concen: 100.702 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:119 Resp: 1405656

Ion	Ratio	Lower	Upper
119	100		
134	26.8	12.5	37.5
91	24.5	12.1	36.3

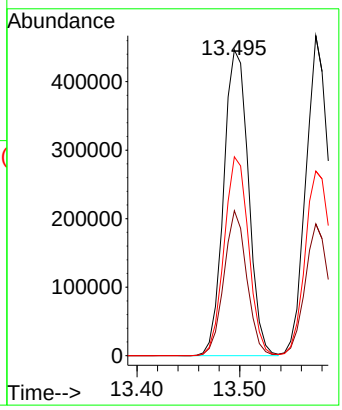




#87
1,3-Dichlorobenzene
Concen: 97.831 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:146 Resp: 74713

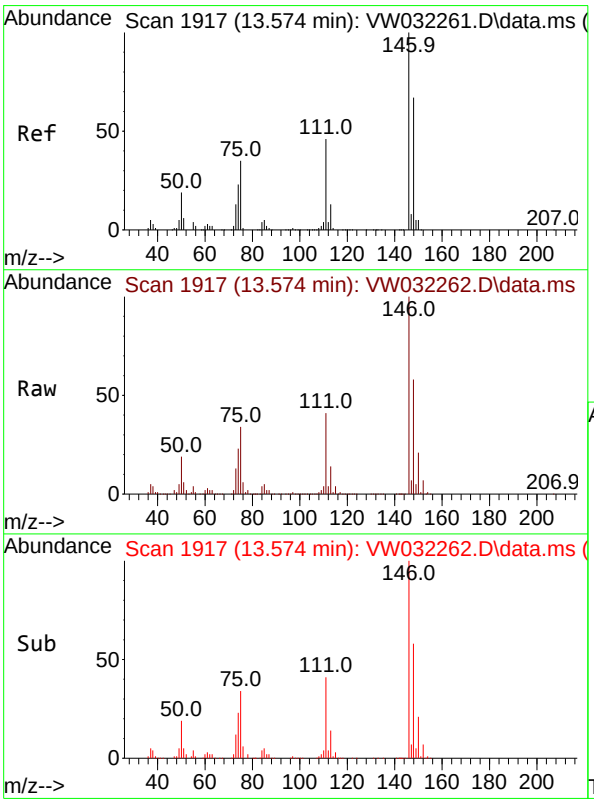
Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.9	65.5
148	64.2	31.9	95.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

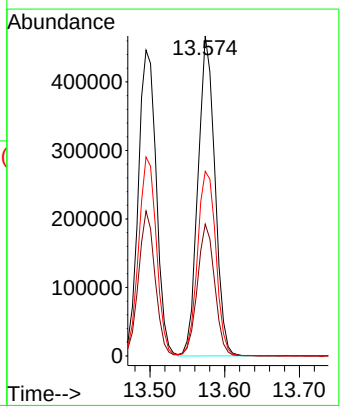
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

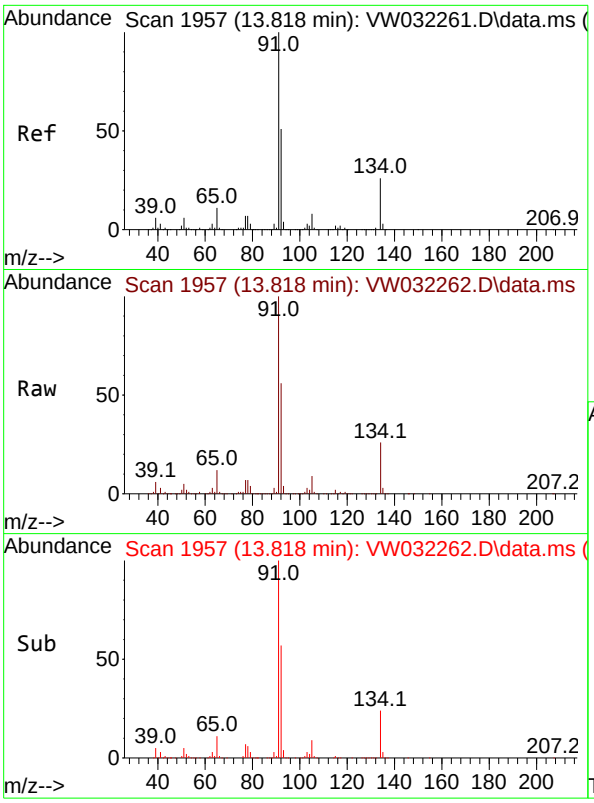


#88
1,4-Dichlorobenzene
Concen: 94.276 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:146 Resp: 735529

Ion	Ratio	Lower	Upper
146	100		
111	41.8	22.4	67.2
148	62.5	34.4	103.1

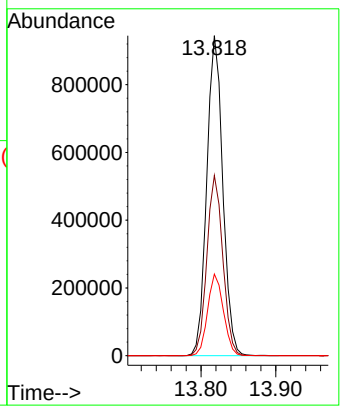




#89
n-Butylbenzene
Concen: 100.210 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 91 Resp: 140378

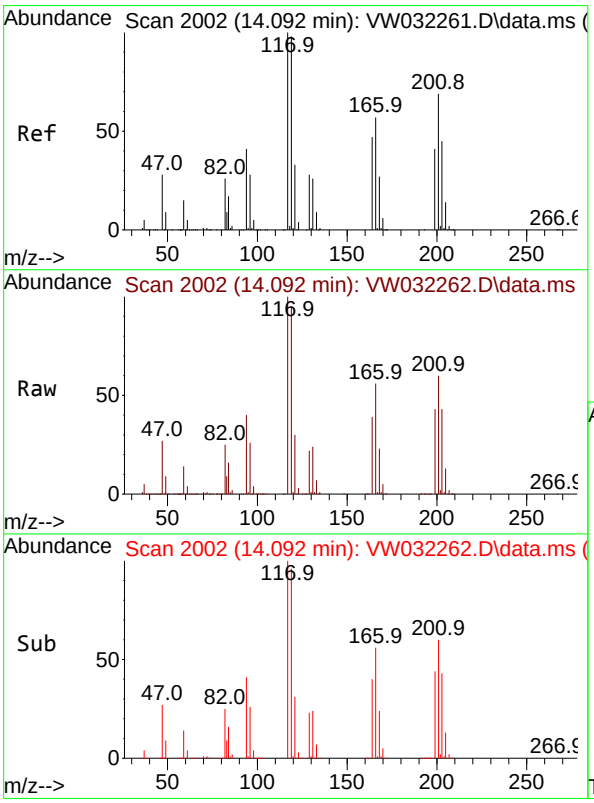
Ion	Ratio	Lower	Upper
91	100		
92	56.0	26.7	80.1
134	25.3	12.3	36.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

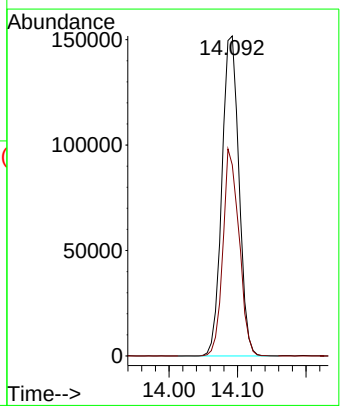
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

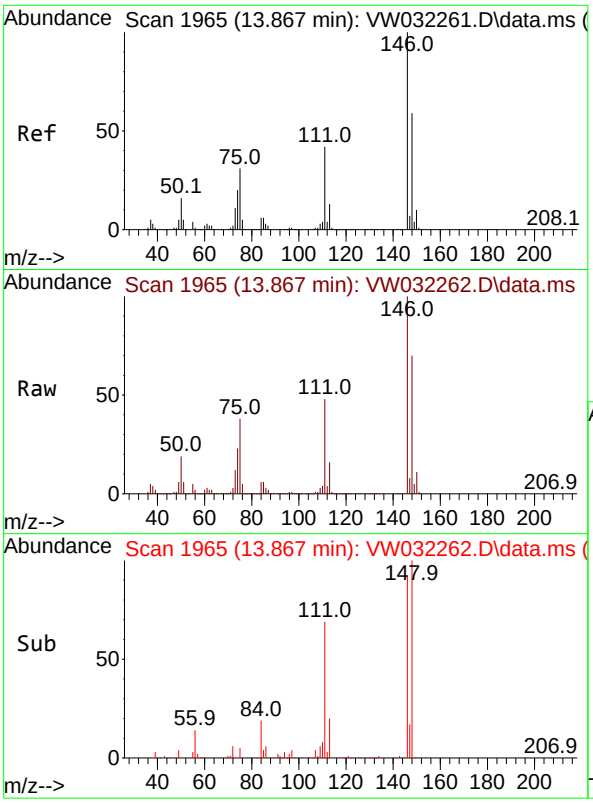


#90
Hexachloroethane
Concen: 100.372 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:117 Resp: 261127

Ion	Ratio	Lower	Upper
117	100		
201	61.2	31.4	94.0

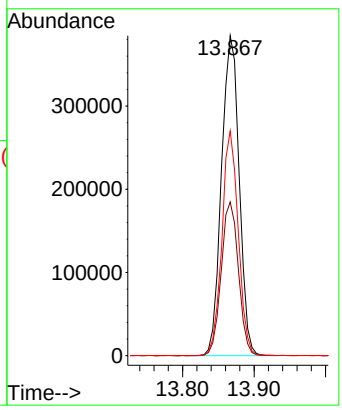




#91
1,2-Dichlorobenzene
Concen: 92.492 ug/l
RT: 13.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:146 Resp: 66078

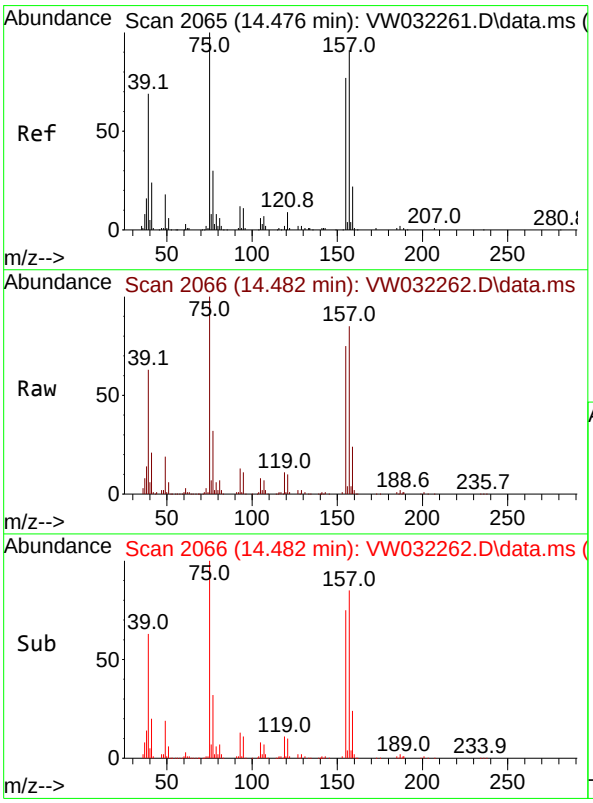
Ion	Ratio	Lower	Upper
146	100		
111	46.7	21.9	65.8
148	64.7	31.9	95.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

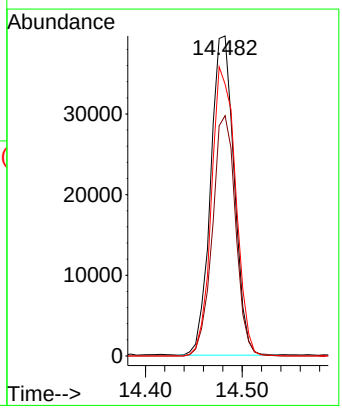
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

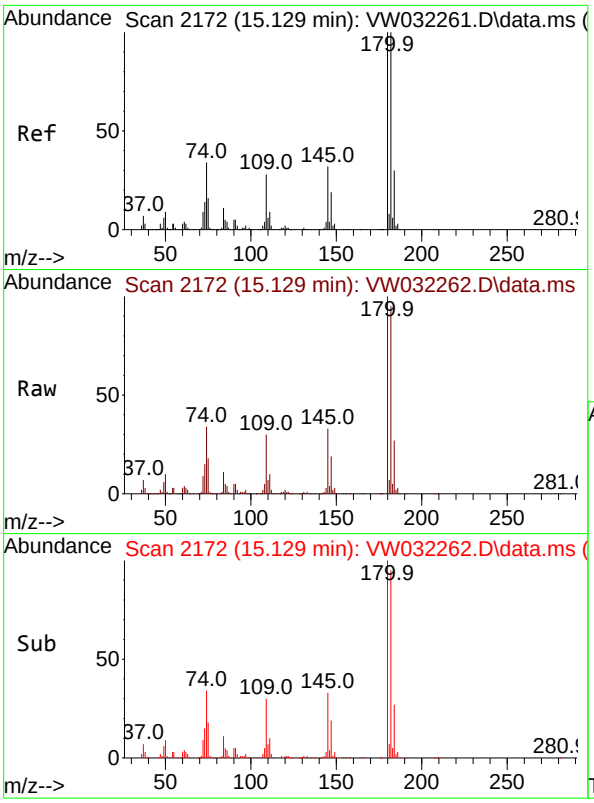


#92
1,2-Dibromo-3-Chloropropane
Concen: 94.913 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion: 75 Resp: 66815

Ion	Ratio	Lower	Upper
75	100		
155	74.1	38.2	114.6
157	92.8	47.0	141.0

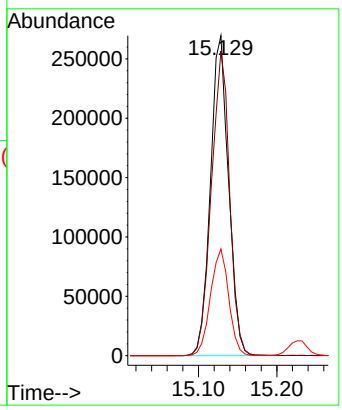




#93
1,2,4-Trichlorobenzene
Concen: 102.243 ug/l
RT: 15.129 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:180 Resp: 43334

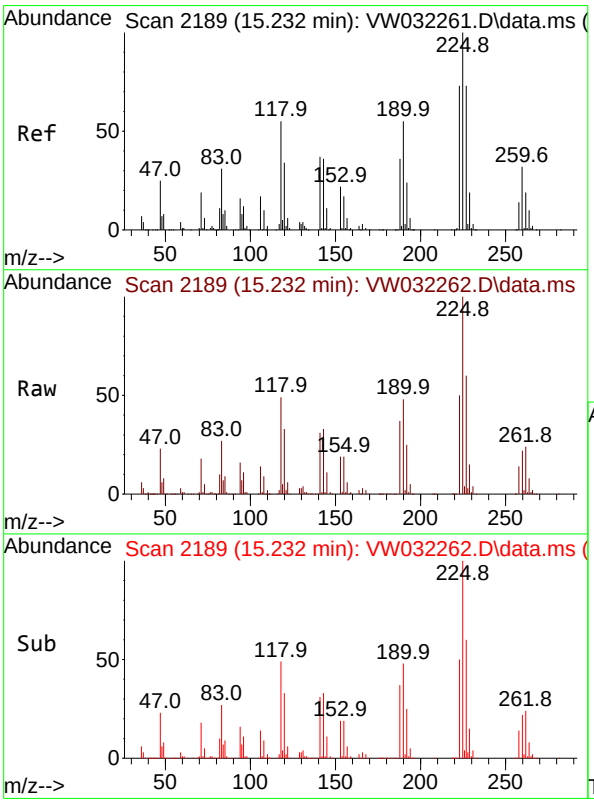
Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.3
145	33.6	16.9	50.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

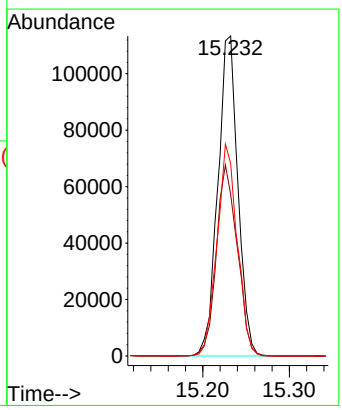
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

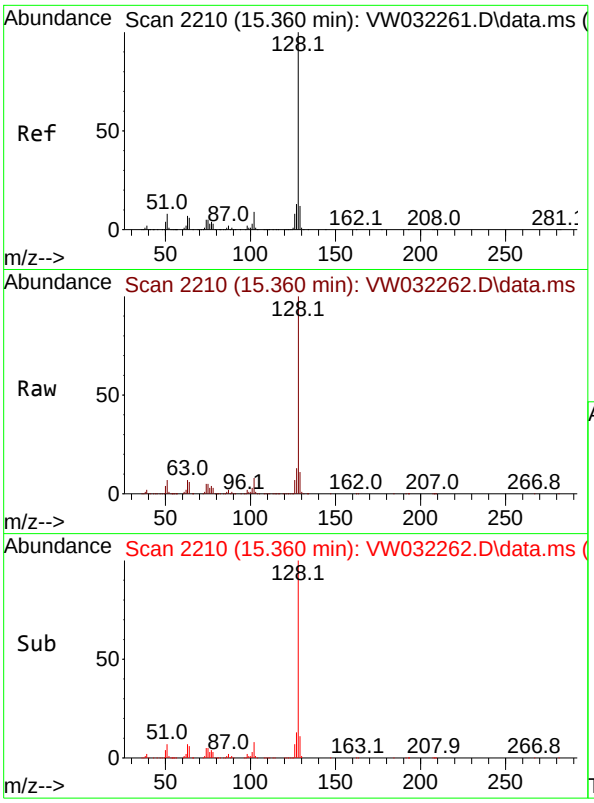


#94
Hexachlorobutadiene
Concen: 93.830 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:225 Resp: 182643

Ion	Ratio	Lower	Upper
225	100		
223	62.1	36.4	109.2
227	66.8	36.4	109.2

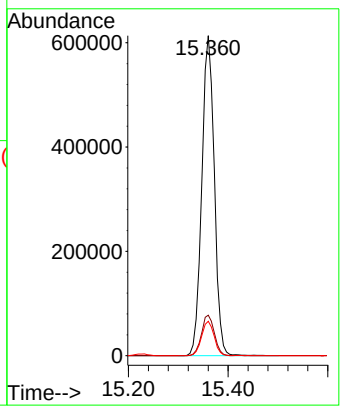




#95
Naphthalene
Concen: 105.067 ug/l
RT: 15.360 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:128 Resp: 106879

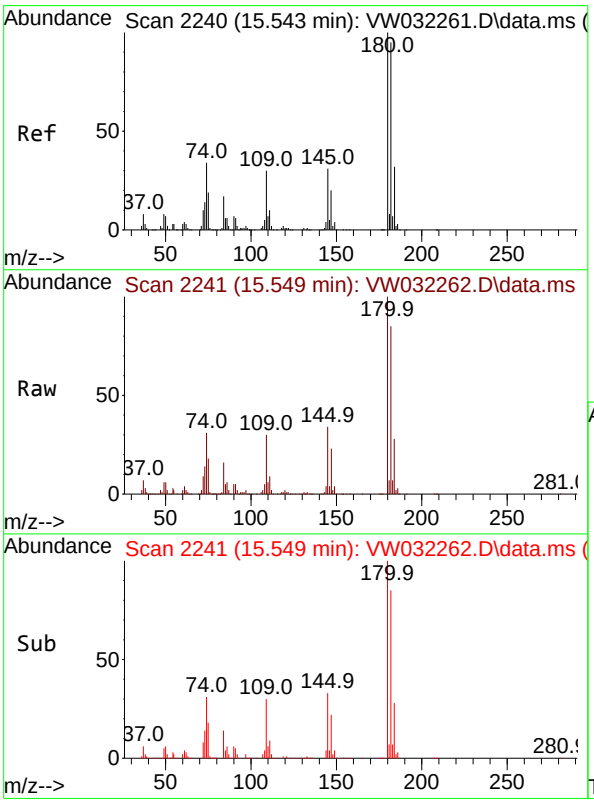
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.8	9.0	13.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED

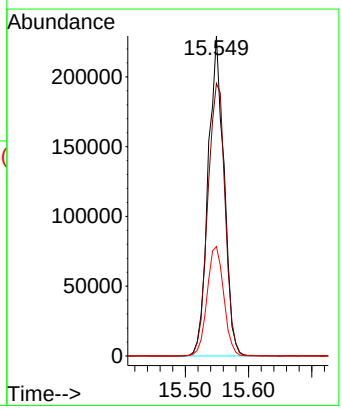
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 100.785 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032262.D
Acq: 25 Sep 2025 12:46

Tgt Ion:180 Resp: 397191

Ion	Ratio	Lower	Upper
180	100		
182	93.7	45.5	136.4
145	36.2	18.1	54.1



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032263.D
Acq On : 25 Sep 2025 13:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:51:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	268103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	503264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	471325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	221054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	574246	135.650	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 271.300%#			
35) Dibromofluoromethane	7.898	113	501948	138.686	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 277.380%#			
50) Toluene-d8	10.331	98	1818751	139.432	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 278.860%#			
62) 4-Bromofluorobenzene	12.617	95	691432	140.528	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 281.060%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.039	85	240712	129.953	ug/l	98
3) Chloromethane	2.259	50	369476	139.381	ug/l	92
4) Vinyl Chloride	2.405	62	420083	135.631	ug/l	100
5) Bromomethane	2.814	94	302978	143.255	ug/l	96
6) Chloroethane	2.960	64	302351	144.062	ug/l	98
7) Trichlorofluoromethane	3.301	101	366348	156.982	ug/l	96
8) Diethyl Ether	3.722	74	309062	140.059	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	408786	137.233	ug/l	99
10) Methyl Iodide	4.307	142	583039	144.711	ug/l	99
11) Tert butyl alcohol	5.228	59	229035	779.425	ug/l	99
12) 1,1-Dichloroethene	4.082	96	454400	142.705	ug/l	97
13) Acrolein	3.929	56	358621	685.685	ug/l	95
14) Allyl chloride	4.704	41	741086	149.967	ug/l	99
15) Acrylonitrile	5.405	53	876508	771.249	ug/l	99
16) Acetone	4.161	43	725678	667.495	ug/l	100
17) Carbon Disulfide	4.423	76	1064701	145.428	ug/l	99
18) Methyl Acetate	4.710	43	657620	175.880	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	903547	153.083	ug/l	99
20) Methylene Chloride	4.954	84	535268	151.547	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	507076	147.681	ug/l	89
22) Diisopropyl ether	6.344	45	1632431	148.663	ug/l	98
23) Vinyl Acetate	6.283	43	5462201	773.228	ug/l	99
24) 1,1-Dichloroethane	6.246	63	1005238	145.019	ug/l	99
25) 2-Butanone	7.197	43	1188481	784.297	ug/l	98
26) 2,2-Dichloropropane	7.185	77	490986	143.738	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	634273	148.524	ug/l	100
28) Bromochloromethane	7.532	49	465294	140.671	ug/l #	100
29) Tetrahydrofuran	7.551	42	778509	791.357	ug/l	100
30) Chloroform	7.691	83	1027625	142.085	ug/l	99
31) Cyclohexane	7.971	56	750802	137.359	ug/l	97
32) 1,1,1-Trichloroethane	7.886	97	698636	143.387	ug/l	99
36) 1,1-Dichloropropene	8.093	75	688774	141.154	ug/l	99
37) Ethyl Acetate	7.276	43	484636	149.754	ug/l	99
38) Carbon Tetrachloride	8.081	117	648359	141.229	ug/l	95
39) Methylcyclohexane	9.343	83	851000	150.722	ug/l	95
40) Benzene	8.337	78	2170741	141.329	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032263.D
Acq On : 25 Sep 2025 13:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 06:51:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	305799	164.987	ug/l		94
42) 1,2-Dichloroethane	8.410	62	709201	138.911	ug/l		100
43) Isopropyl Acetate	8.441	43	899258	155.231	ug/l		99
44) Trichloroethene	9.099	130	512412	142.728	ug/l		95
45) 1,2-Dichloropropane	9.374	63	561821	141.229	ug/l		99
46) Dibromomethane	9.465	93	342097	139.871	ug/l		99
47) Bromodichloromethane	9.654	83	816402	146.351	ug/l	#	99
48) Methyl methacrylate	9.441	41	447621	164.241	ug/l		97
49) 1,4-Dioxane	9.459	88	109095	3330.471	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.215	43	2581810	751.674	ug/l		99
52) Toluene	10.392	92	1383297	145.306	ug/l		97
53) t-1,3-Dichloropropene	10.611	75	825886	161.590	ug/l		99
54) cis-1,3-Dichloropropene	10.081	75	922892	156.407	ug/l		96
55) 1,1,2-Trichloroethane	10.788	97	479692	143.686	ug/l		99
56) Ethyl methacrylate	10.648	69	724292	164.704	ug/l		98
57) 1,3-Dichloropropane	10.934	76	826934	143.381	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	1967595	815.074	ug/l		100
59) 2-Hexanone	10.971	43	1834008	781.907	ug/l		99
60) Dibromochloromethane	11.135	129	549090	149.762	ug/l		100
61) 1,2-Dibromoethane	11.239	107	467063	147.671	ug/l		100
64) Tetrachloroethene	10.867	164	407222	141.775	ug/l		91
65) Chlorobenzene	11.660	112	1542105	142.042	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.733	131	511003	148.829	ug/l		99
67) Ethyl Benzene	11.727	91	2698460	151.851	ug/l		96
68) m/p-Xylenes	11.837	106	2029004	297.855	ug/l		95
69) o-Xylene	12.166	106	980912	153.220	ug/l		100
70) Styrene	12.178	104	1702538	151.648	ug/l		99
71) Bromoform	12.349	173	315558	157.711	ug/l	#	99
73) Isopropylbenzene	12.464	105	2480347	161.210	ug/l		100
74) N-amyl acetate	12.269	43	797679	164.633	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.714	83	598288	148.312	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	444249m	127.785	ug/l		
77) Bromobenzene	12.745	156	576269	152.279	ug/l		89
78) n-propylbenzene	12.800	91	2972678	153.818	ug/l		99
79) 2-Chlorotoluene	12.891	91	1806322	154.293	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	2066765	157.118	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.513	75	209132	178.617	ug/l		95
82) 4-Chlorotoluene	12.989	91	1903051	153.811	ug/l		98
83) tert-Butylbenzene	13.202	119	1773318	161.195	ug/l		98
84) 1,2,4-Trimethylbenzene	13.245	105	2079611	155.710	ug/l		100
85) sec-Butylbenzene	13.379	105	2618834	158.526	ug/l		99
86) p-Isopropyltoluene	13.495	119	2117769	154.791	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	1141699	152.522	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	1117378	146.119	ug/l		94
89) n-Butylbenzene	13.818	91	2173243	158.280	ug/l		99
90) Hexachloroethane	14.092	117	403116	158.088	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	1010379	144.291	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	109812	159.151	ug/l		98
93) 1,2,4-Trichlorobenzene	15.129	180	686602	165.278	ug/l		94
94) Hexachlorobutadiene	15.226	225	279873	146.692	ug/l		94
95) Naphthalene	15.360	128	1767143	177.236	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	631845	163.575	ug/l		97

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032263.D
Acq On : 25 Sep 2025 13:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 26 06:51:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

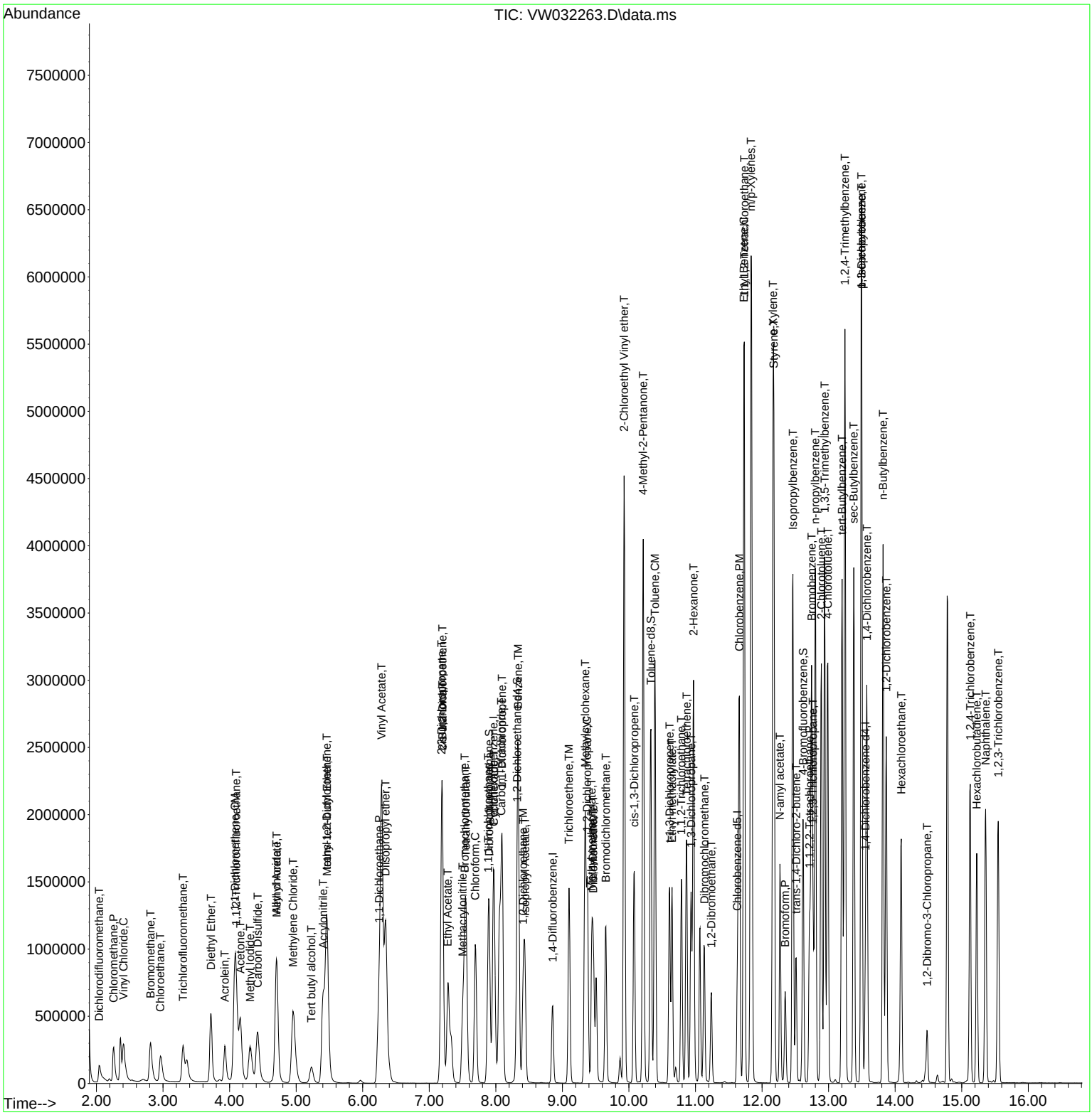
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Data File : VW032263.D
Acq On : 25 Sep 2025 13:08
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

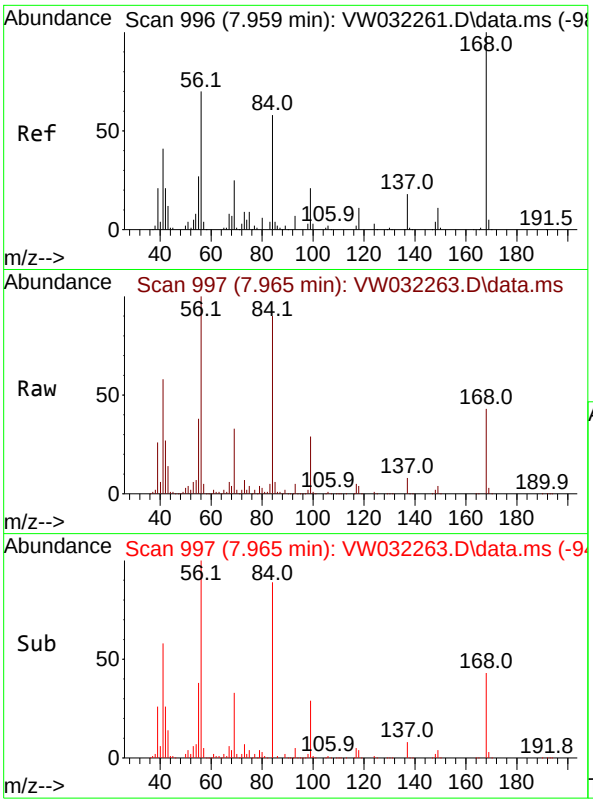
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Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:41:54 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

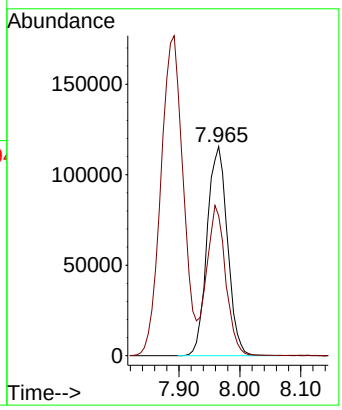




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:168 Resp: 26810

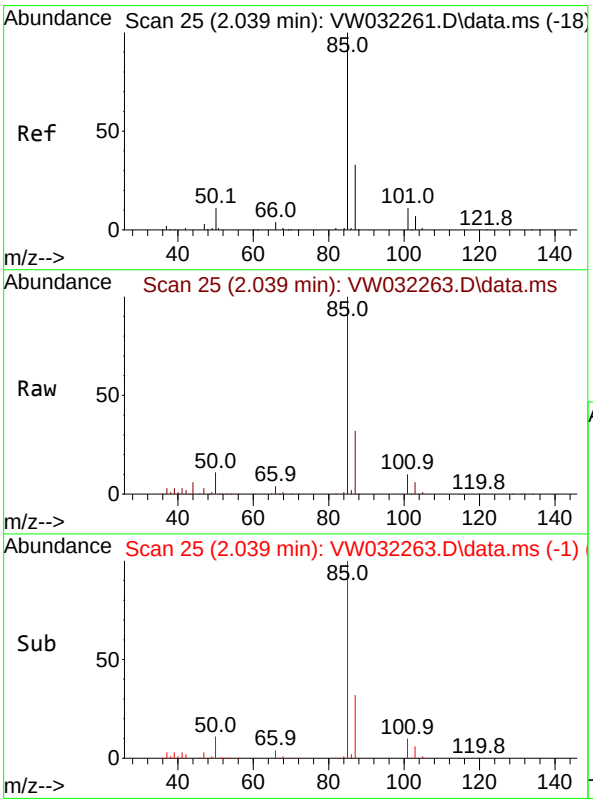
Ion	Ratio	Lower	Upper
168	100		
99	66.7	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

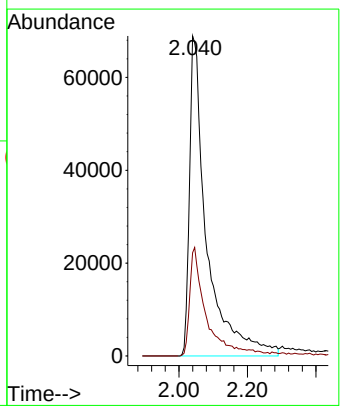
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

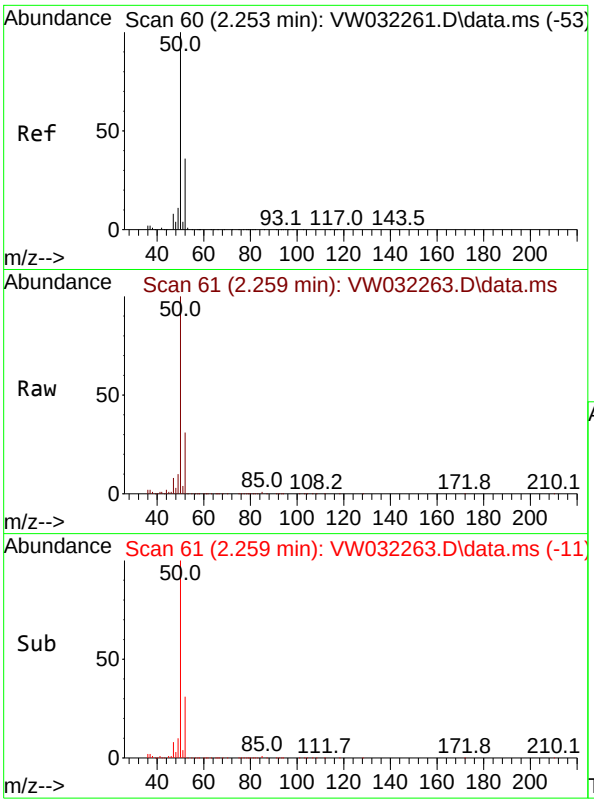


#2
Dichlorodifluoromethane
Concen: 129.953 ug/l
RT: 2.039 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 85 Resp: 240712

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.7	50.1

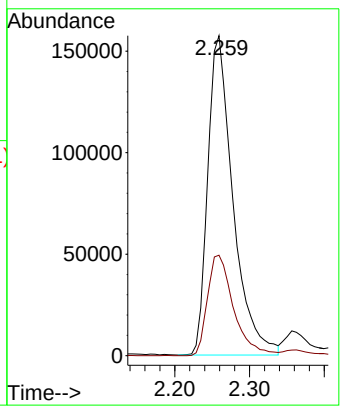




#3
Chloromethane
Concen: 139.381 ug/l
RT: 2.259 min Scan# 6
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 50 Resp: 36947

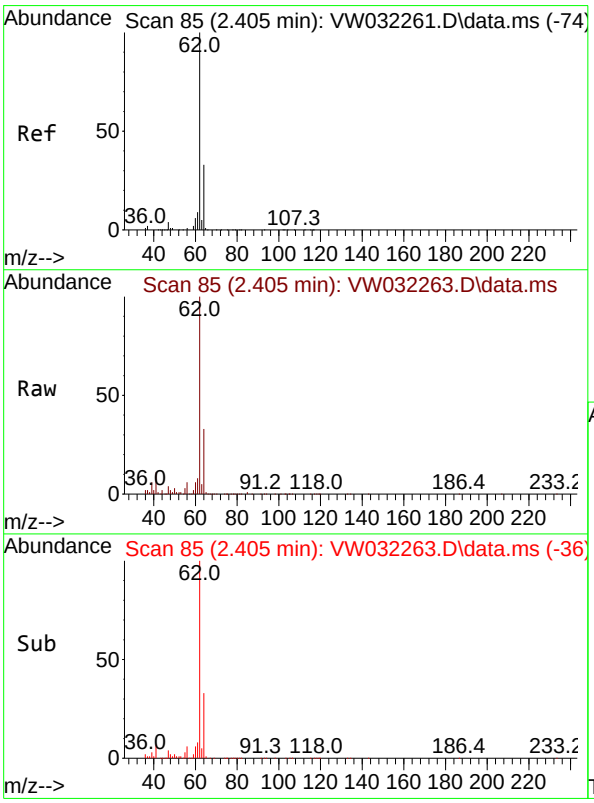
Ion	Ratio	Lower	Upper
50	100		
52	31.5	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

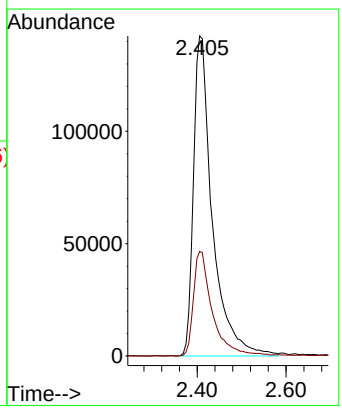
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

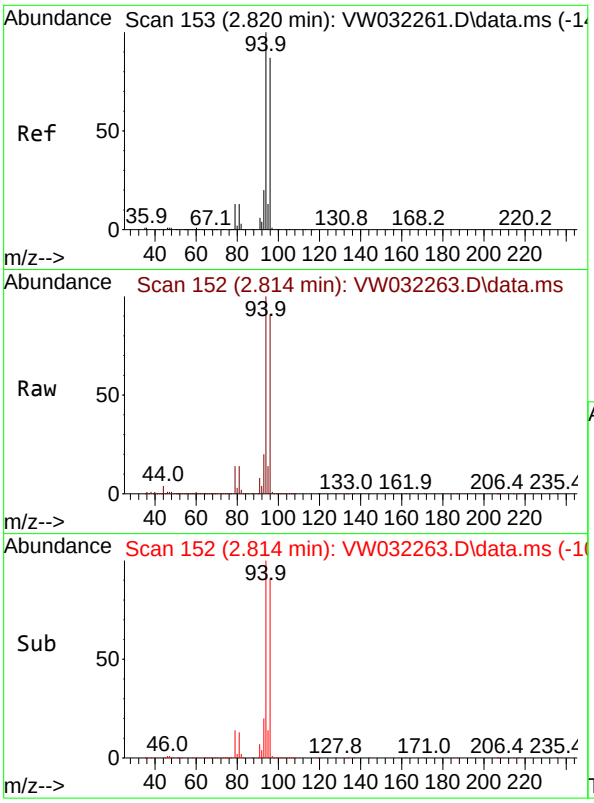


#4
Vinyl Chloride
Concen: 135.631 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 62 Resp: 420083

Ion	Ratio	Lower	Upper
62	100		
64	32.6	26.2	39.4

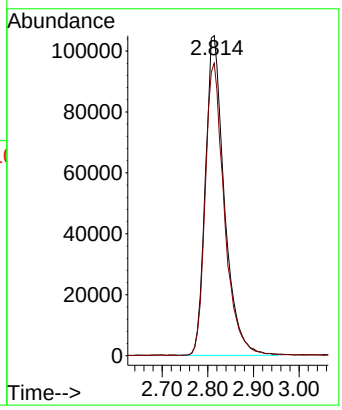




#5
Bromomethane
Concen: 143.255 ug/l
RT: 2.814 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 94 Resp: 30297

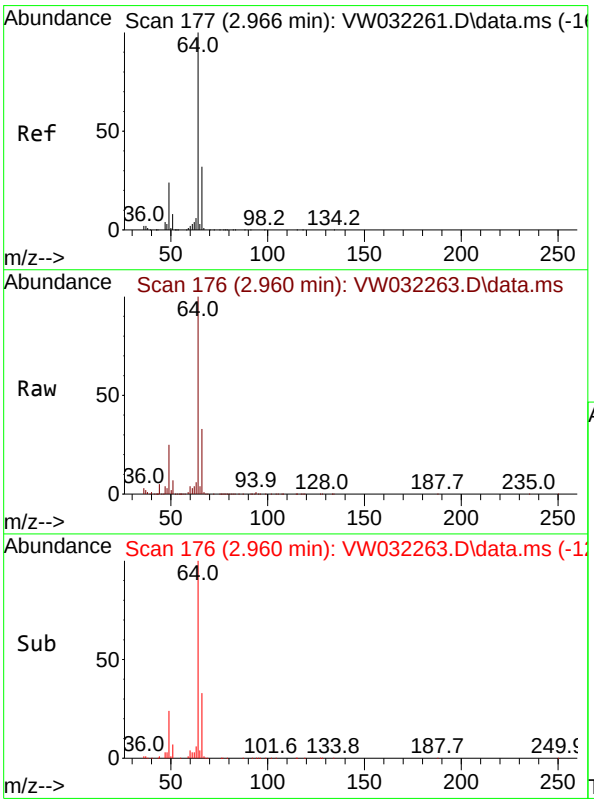
Ion	Ratio	Lower	Upper
94	100		
96	91.4	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

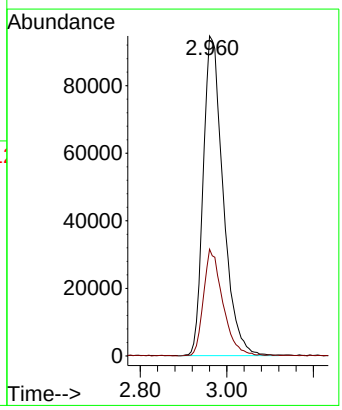
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

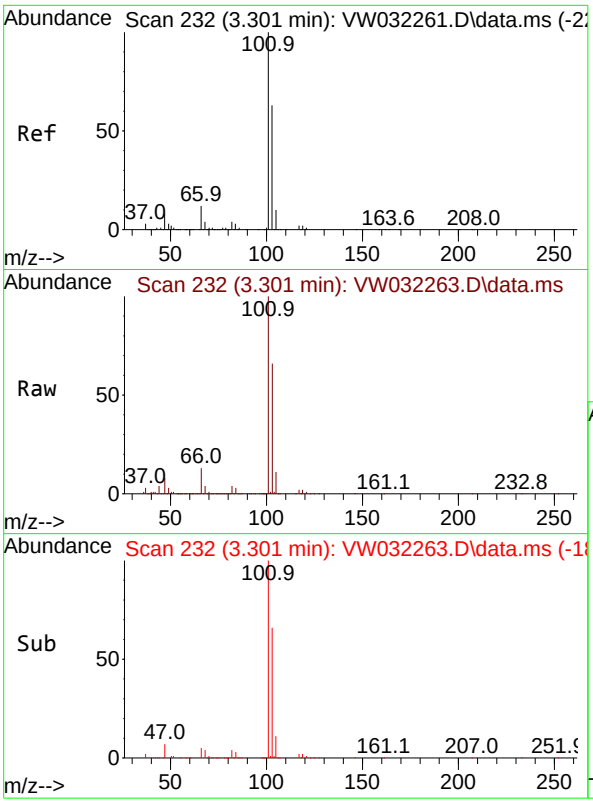


#6
Chloroethane
Concen: 144.062 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 64 Resp: 302351

Ion	Ratio	Lower	Upper
64	100		
66	33.3	25.5	38.3

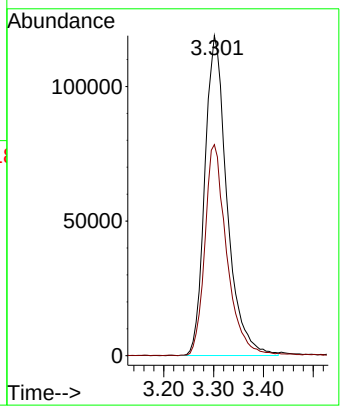




#7
Trichlorofluoromethane
Concen: 156.982 ug/l
RT: 3.301 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:101 Resp: 36634

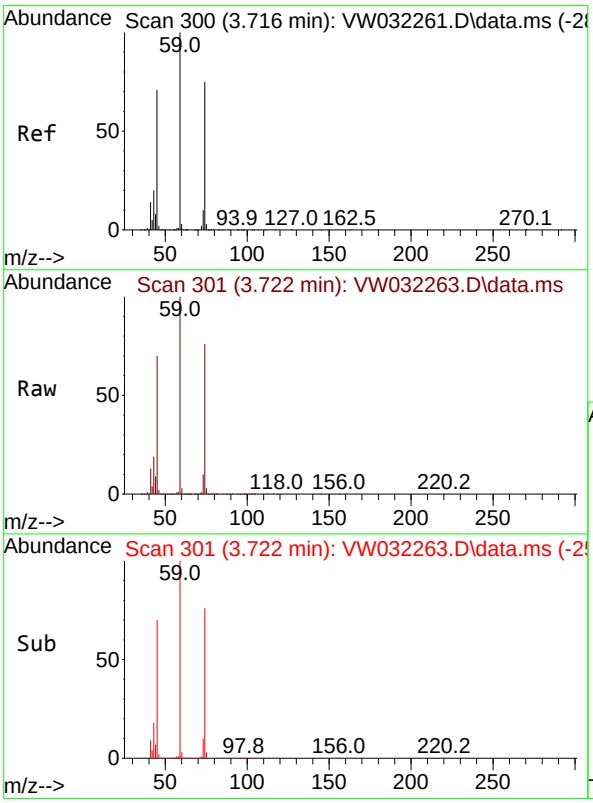
Ion	Ratio	Lower	Upper
101	100		
103	66.0	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

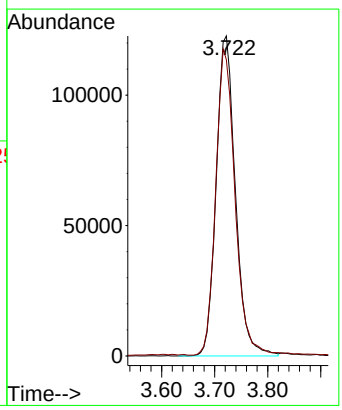
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

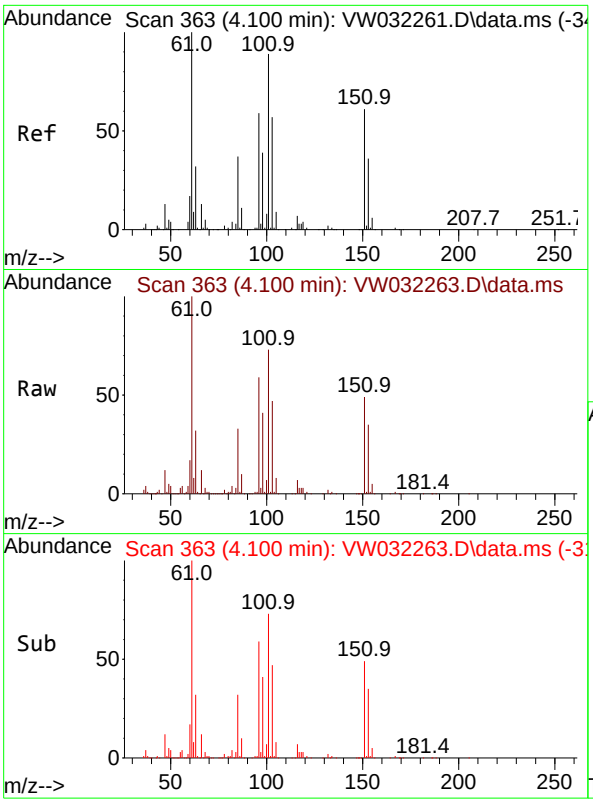


#8
Diethyl Ether
Concen: 140.059 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 74 Resp: 309062

Ion	Ratio	Lower	Upper
74	100		
45	97.0	49.0	147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.233 ug/l
RT: 4.100 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

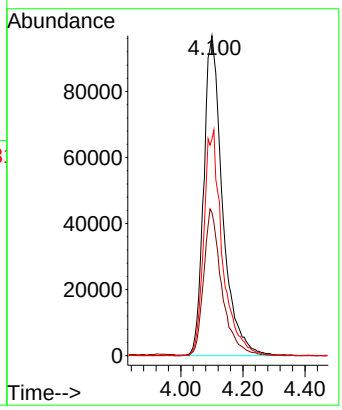
Tgt Ion:101 Resp: 40878

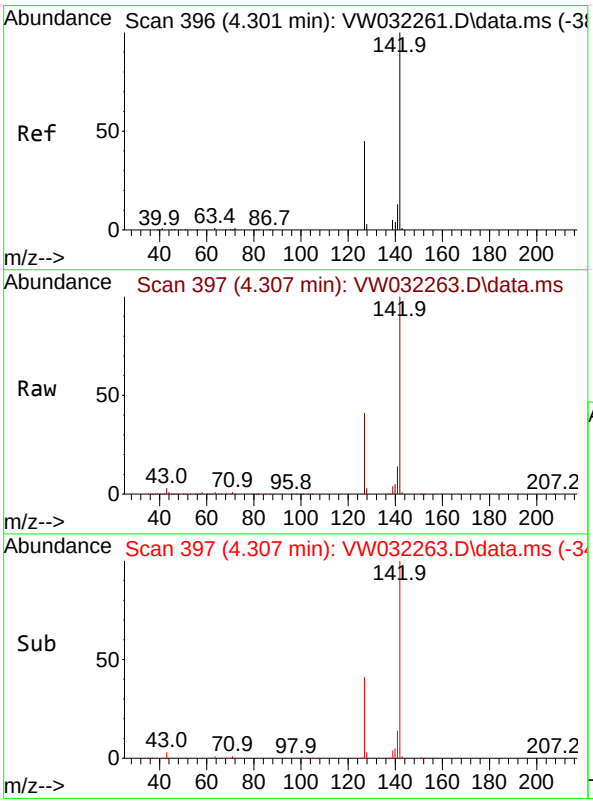
Ion	Ratio	Lower	Upper
101	100		
85	43.7	33.7	50.5
151	69.2	55.7	83.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

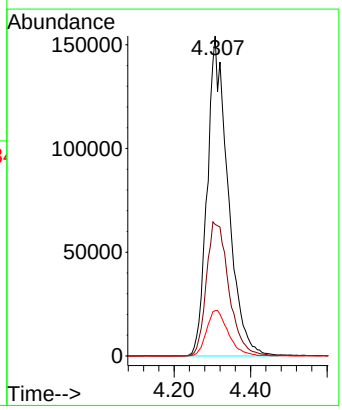


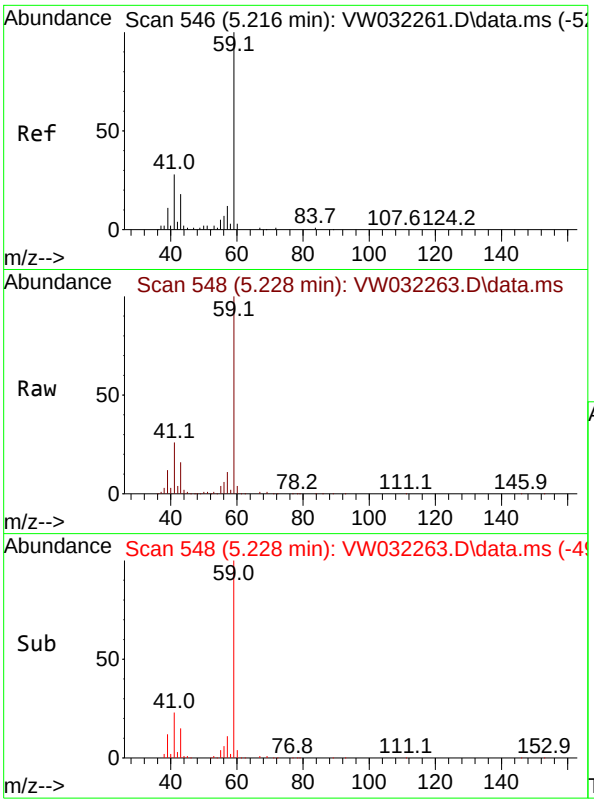


#10
Methyl Iodide
Concen: 144.711 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:142 Resp: 583039

Ion	Ratio	Lower	Upper
142	100		
127	45.2	36.9	55.3
141	14.9	12.0	18.0

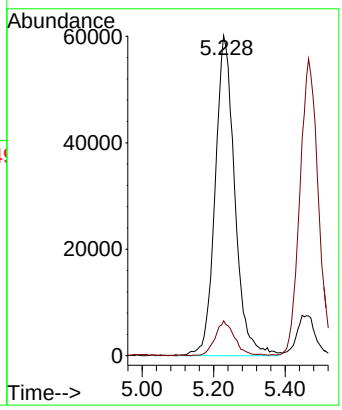




#11
Tert butyl alcohol
Concen: 779.425 ug/l
RT: 5.228 min Scan# 5
Delta R.T. 0.012 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 59 Resp: 22903

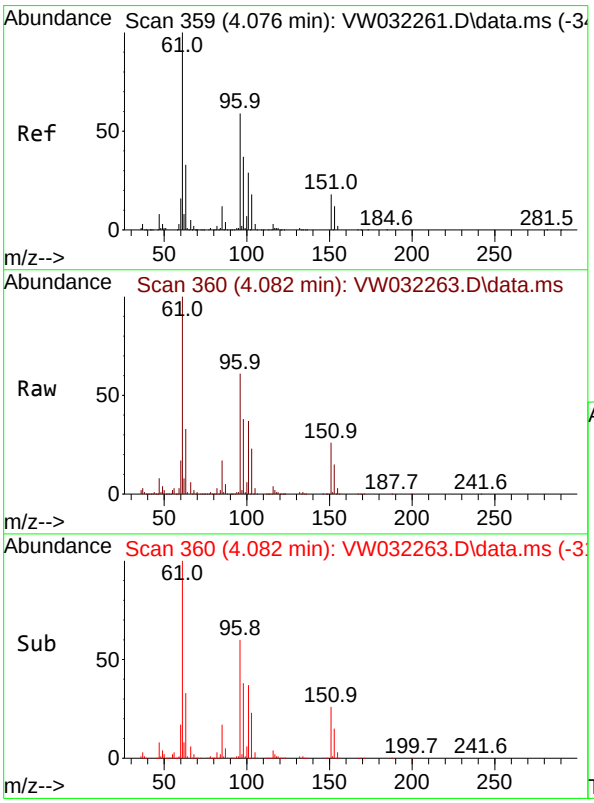
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

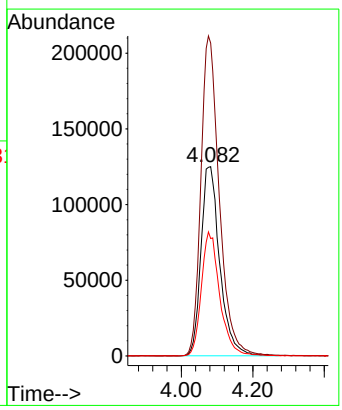
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

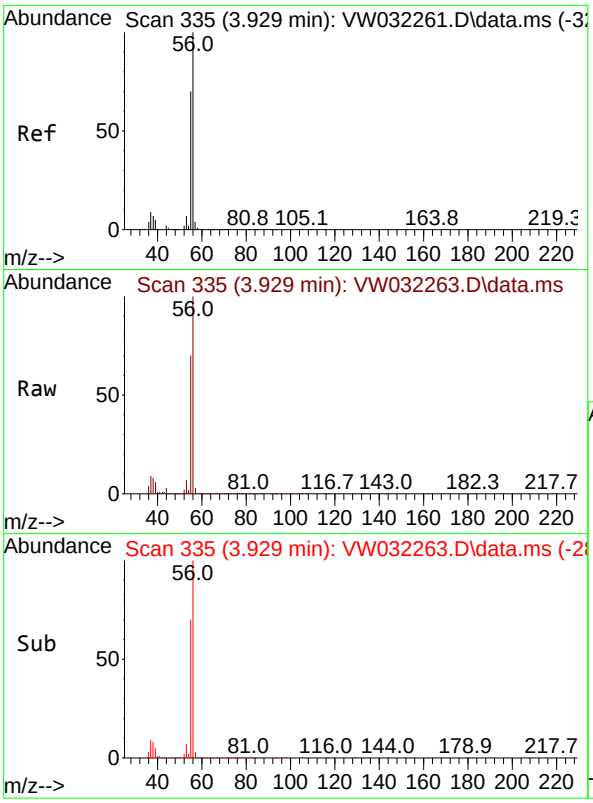


#12
1,1-Dichloroethene
Concen: 142.705 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 96 Resp: 454400

Ion	Ratio	Lower	Upper
96	100		
61	165.4	136.3	204.5
98	62.0	50.7	76.1

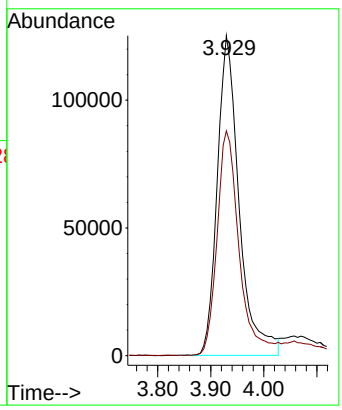




#13
Acrolein
Concen: 685.685 ug/l
RT: 3.929 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 56 Resp: 35862

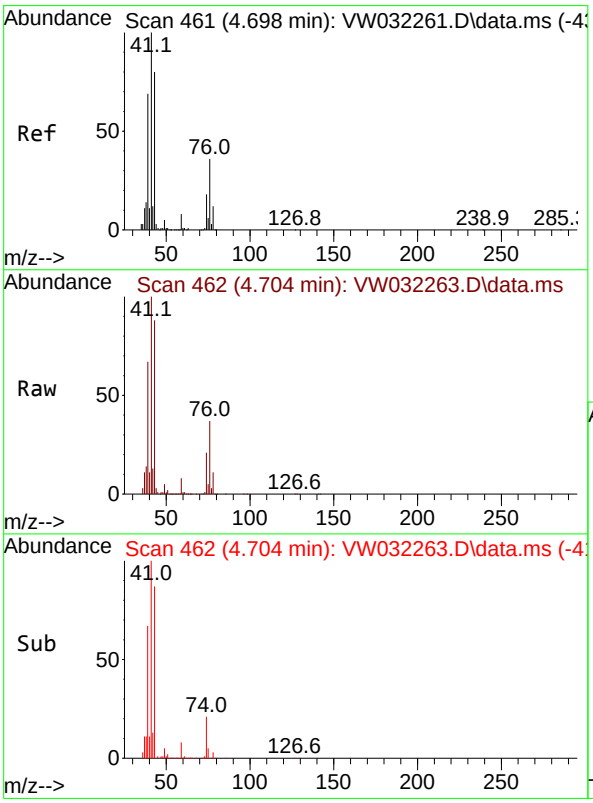
Ion	Ratio	Lower	Upper
56	100		
55	70.8	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

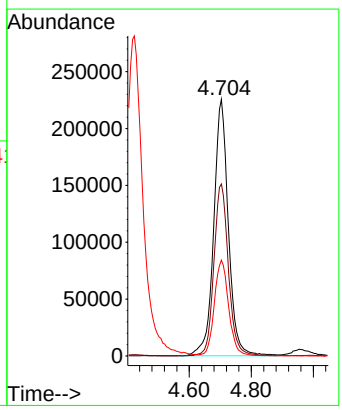
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

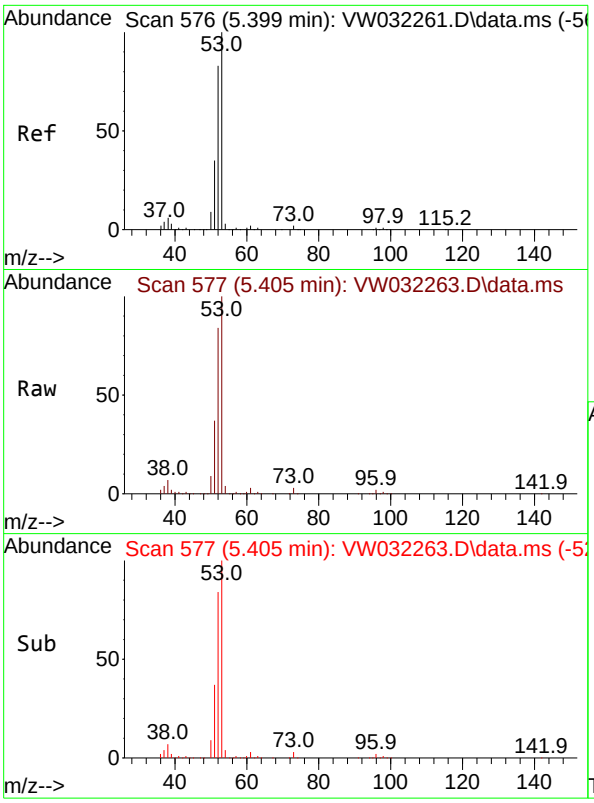


#14
Allyl chloride
Concen: 149.967 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 41 Resp: 741086

Ion	Ratio	Lower	Upper
41	100		
39	66.3	54.3	81.5
76	36.1	28.7	43.1

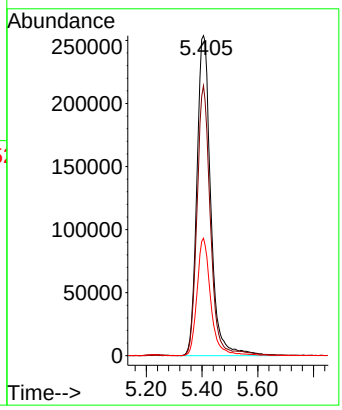




#15
Acrylonitrile
Concen: 771.249 ug/l
RT: 5.405 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 53 Resp: 87650

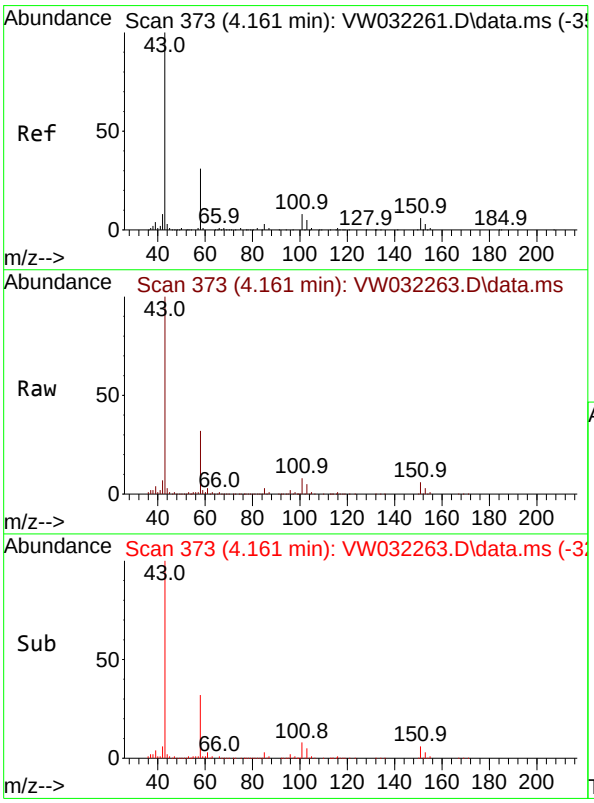
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.3	99.5
51	36.2	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

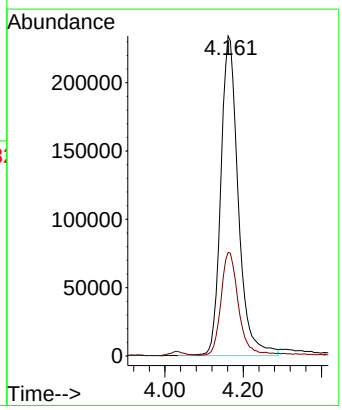
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

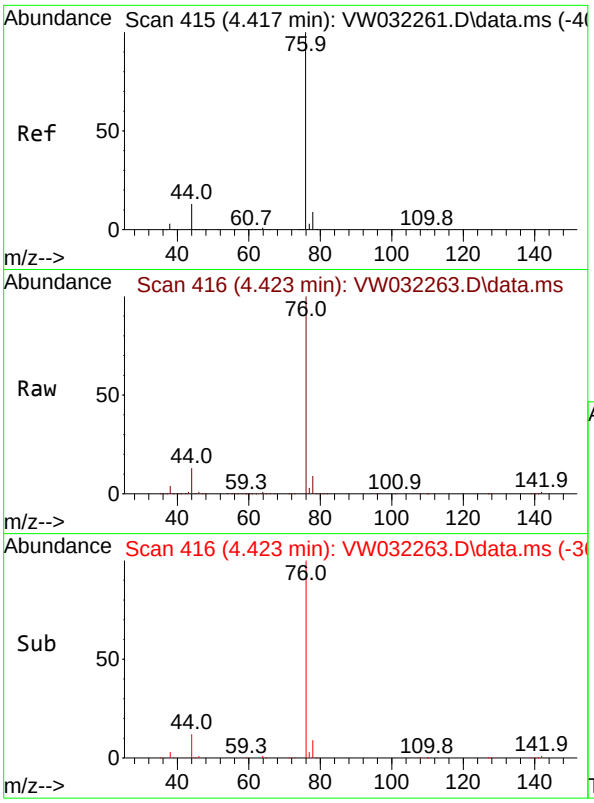


#16
Acetone
Concen: 667.495 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 725678

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.4	38.0

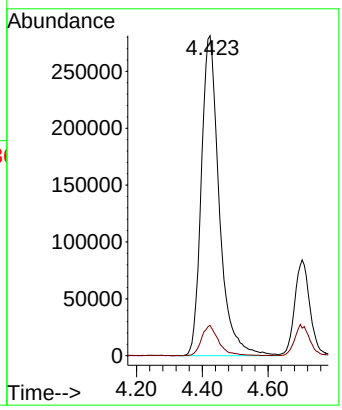




#17
Carbon Disulfide
Concen: 145.428 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 76 Resp: 106470

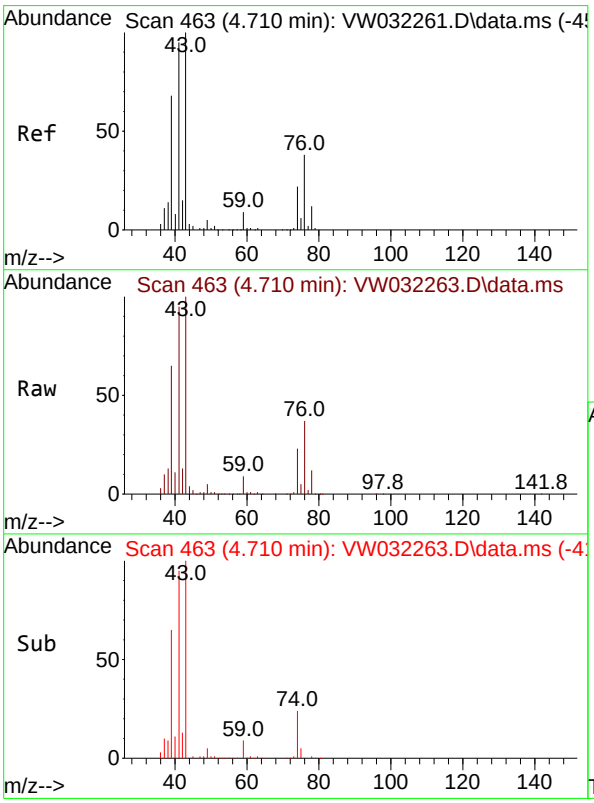
Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

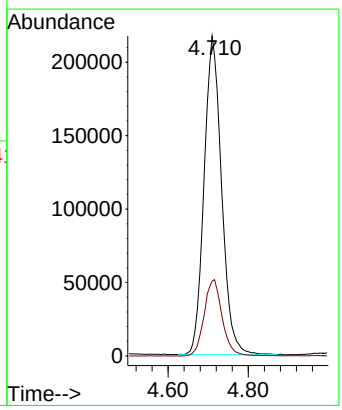
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

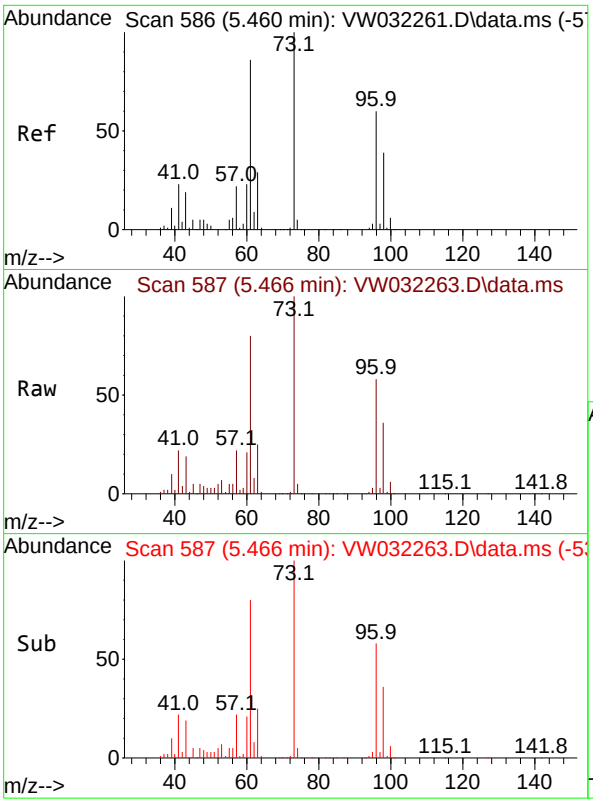


#18
Methyl Acetate
Concen: 175.880 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 657620

Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.8	28.2

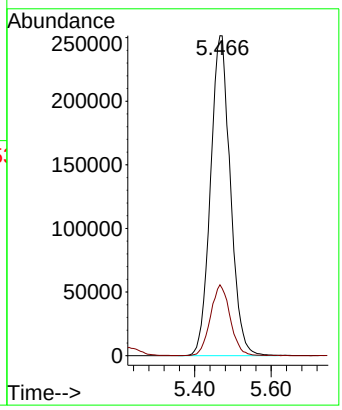




#19
Methyl tert-butyl Ether
Concen: 153.083 ug/l
RT: 5.466 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 73 Resp: 90354

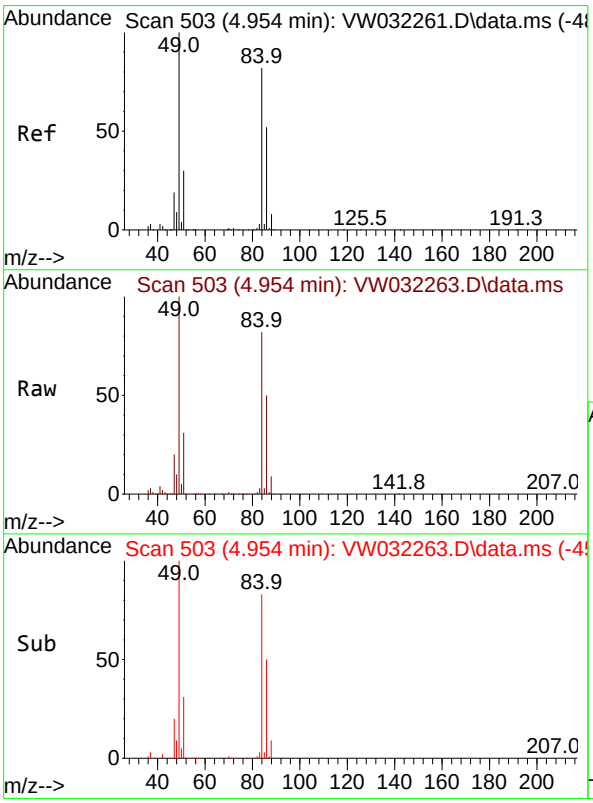
Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.3	25.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

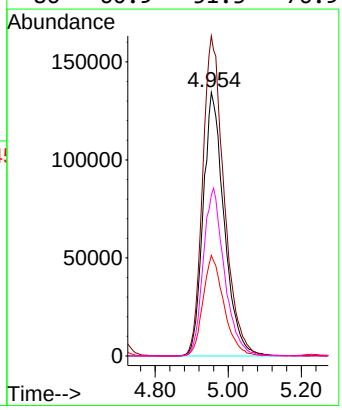
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

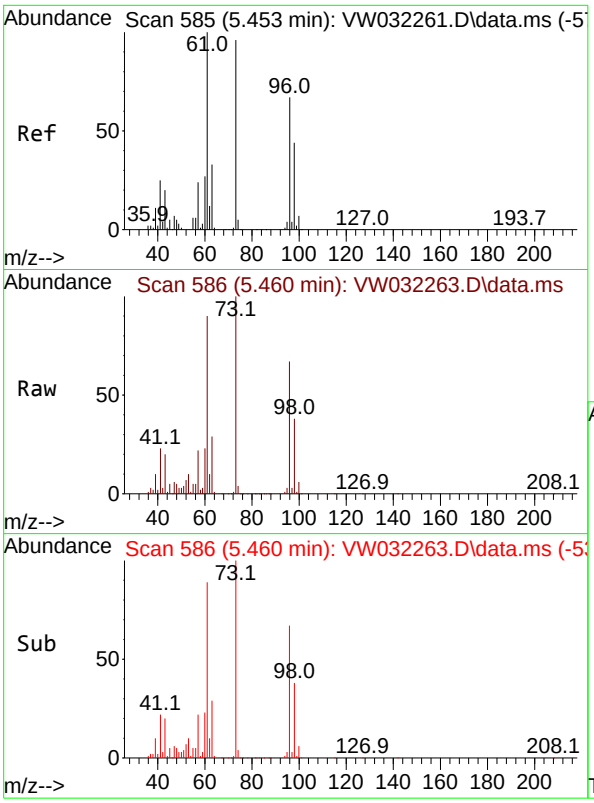


#20
Methylene Chloride
Concen: 151.547 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 84 Resp: 535268

Ion	Ratio	Lower	Upper
84	100		
49	121.4	97.8	146.6
51	38.2	29.9	44.9
86	60.9	51.3	76.9

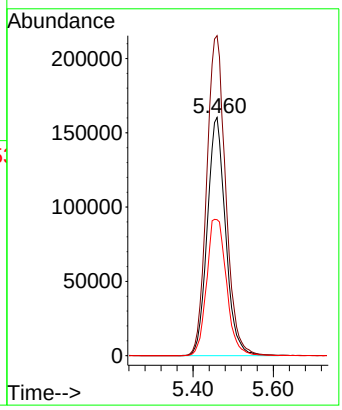




#21
trans-1,2-Dichloroethene
Concen: 147.681 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 96 Resp: 50707

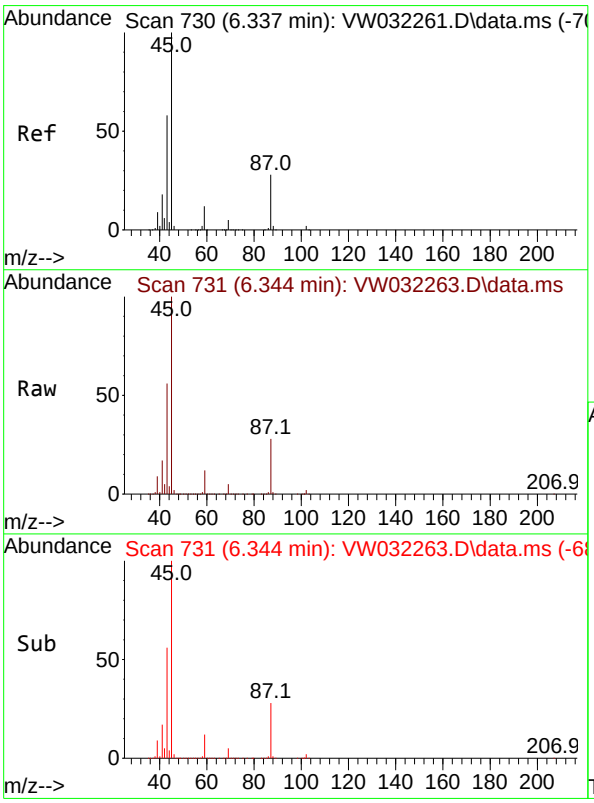
Ion	Ratio	Lower	Upper
96	100		
61	134.3	119.2	178.8
98	57.1	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

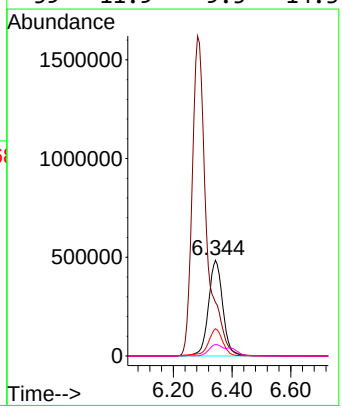
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

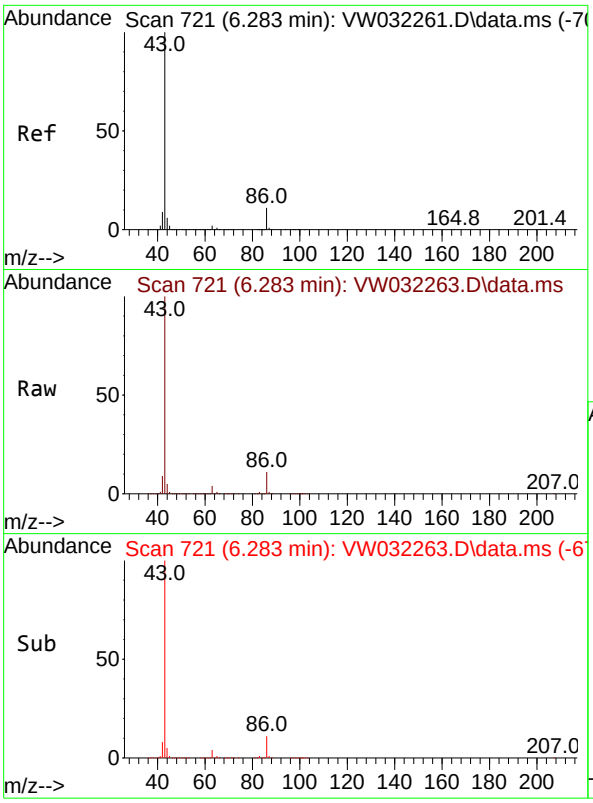


#22
Diisopropyl ether
Concen: 148.663 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 45 Resp: 1632431

Ion	Ratio	Lower	Upper
45	100		
43	55.7	46.2	69.4
87	28.5	22.2	33.2
59	11.9	9.5	14.3

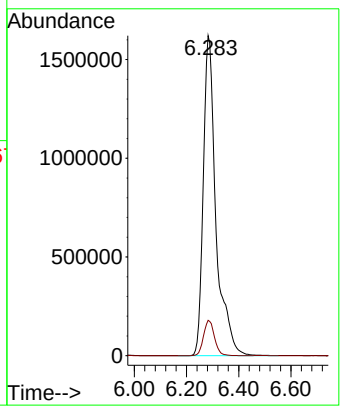




#23
Vinyl Acetate
Concen: 773.228 ug/l
RT: 6.283 min Scan# 7
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 546220

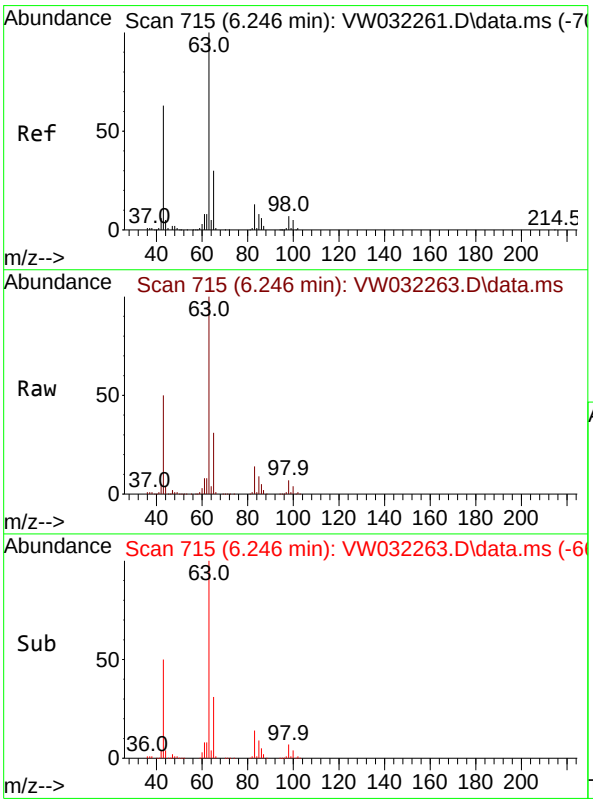
Ion	Ratio	Lower	Upper
43	100		
86	11.1	9.0	13.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

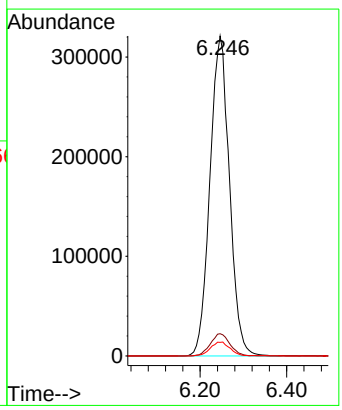
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

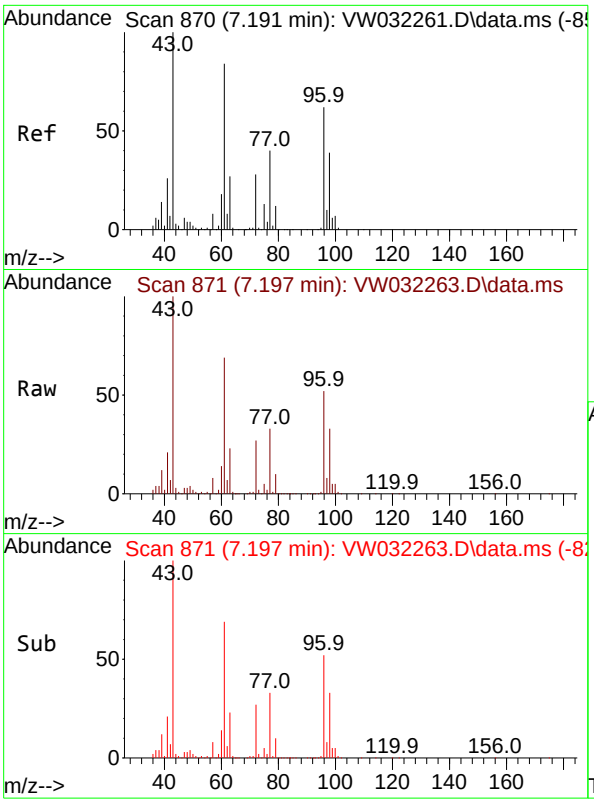


#24
1,1-Dichloroethane
Concen: 145.019 ug/l
RT: 6.246 min Scan# 715
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 63 Resp: 1005238

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.6	10.9
100	4.3	2.4	7.1

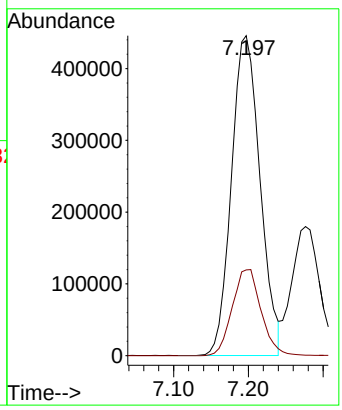




#25
2-Butanone
Concen: 784.297 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 118848

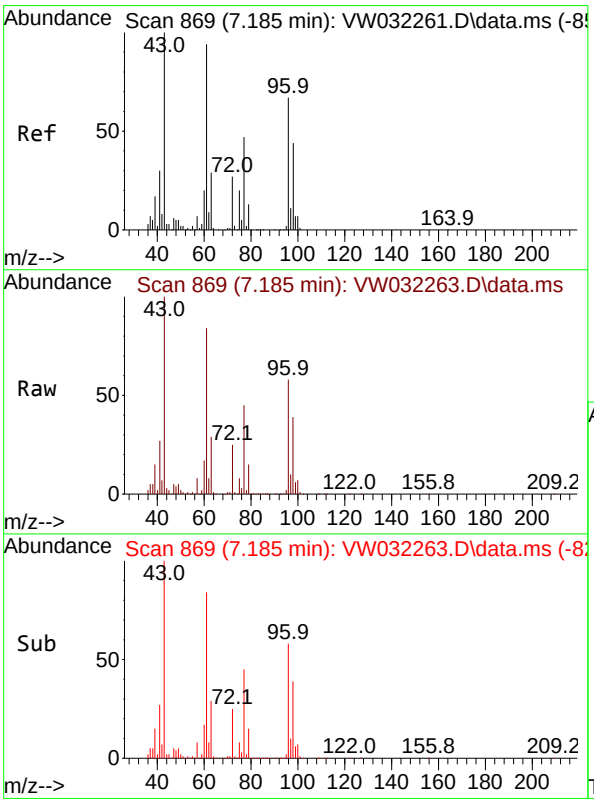
Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.3	33.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

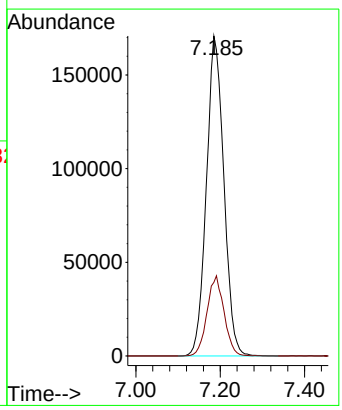
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

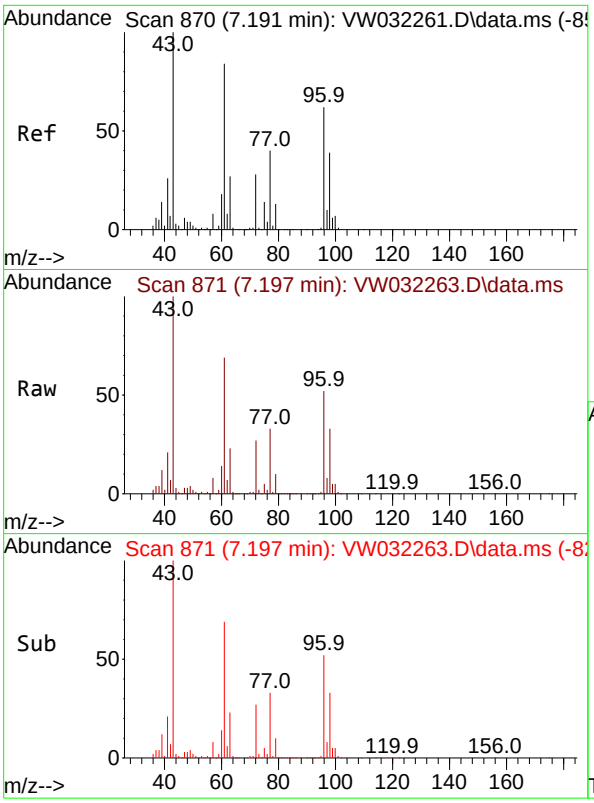


#26
2,2-Dichloropropane
Concen: 143.738 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 77 Resp: 490986

Ion	Ratio	Lower	Upper
77	100		
97	24.4	11.7	35.0

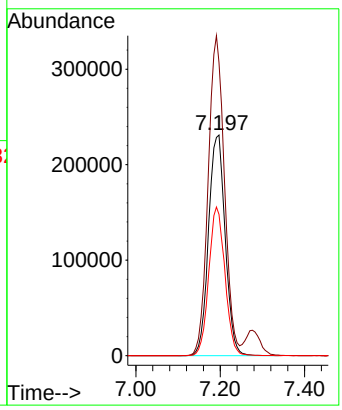




#27
cis-1,2-Dichloroethene
Concen: 148.524 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 96 Resp: 63427

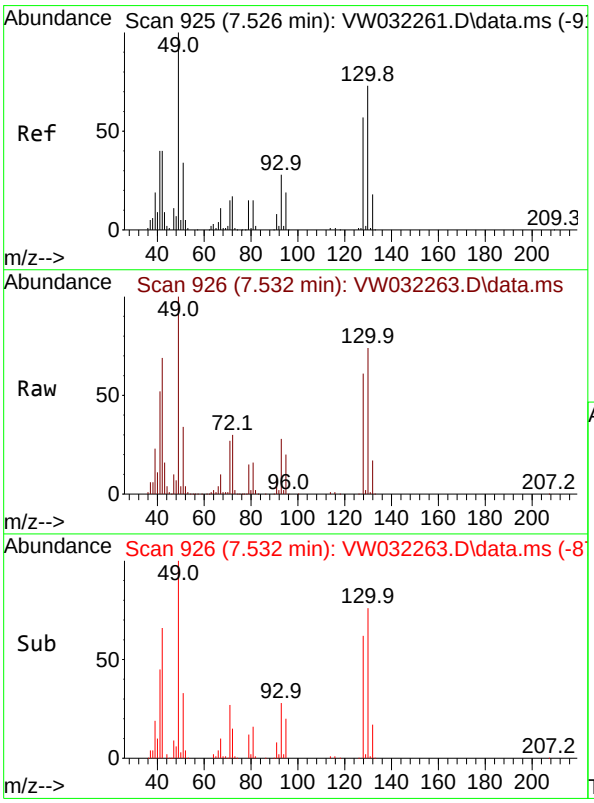
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	281.8
98	65.4	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

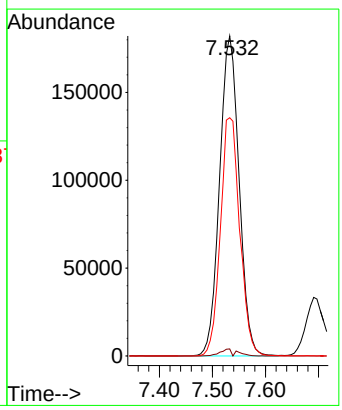
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

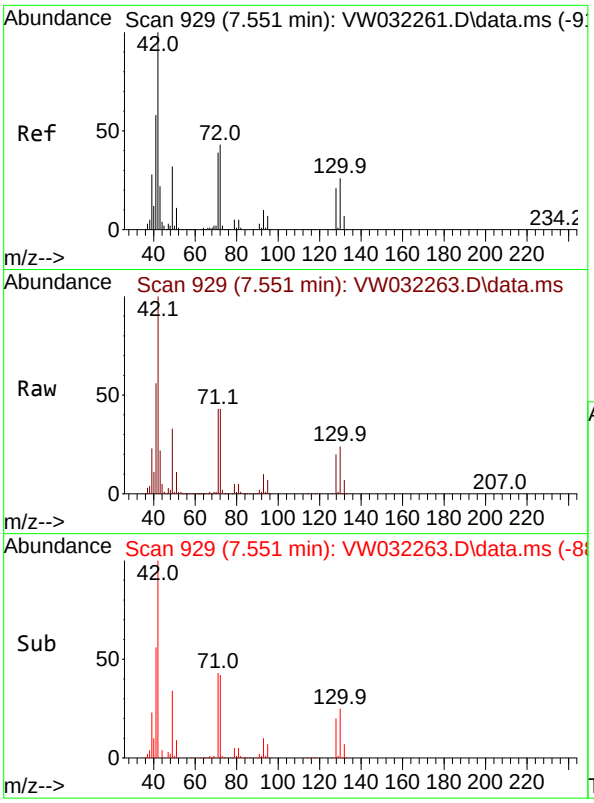


#28
Bromochloromethane
Concen: 140.671 ug/l
RT: 7.532 min Scan# 926
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 49 Resp: 465294

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	2.2
130	73.9	0.0	0.0#

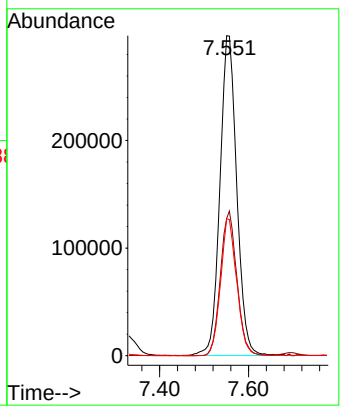




#29
Tetrahydrofuran
Concen: 791.357 ug/l
RT: 7.551 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 42 Resp: 77850

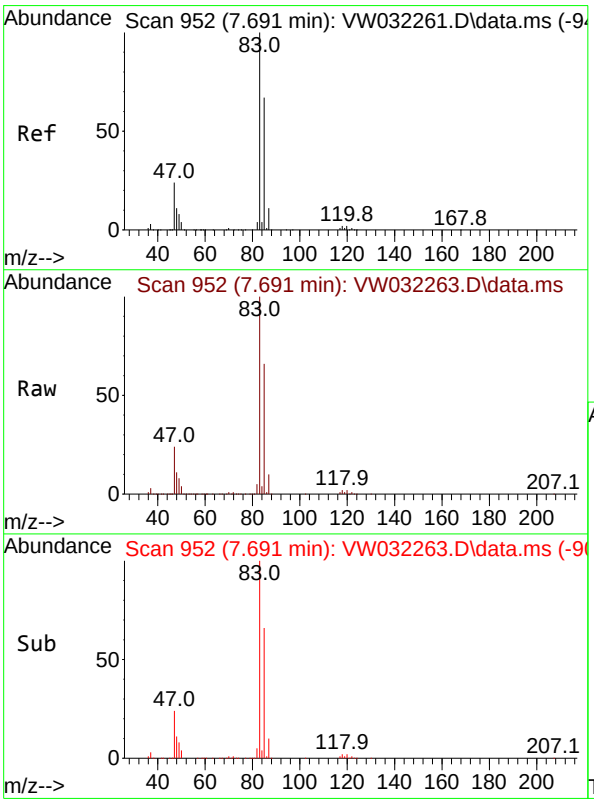
Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.1	52.7
71	41.3	33.3	49.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

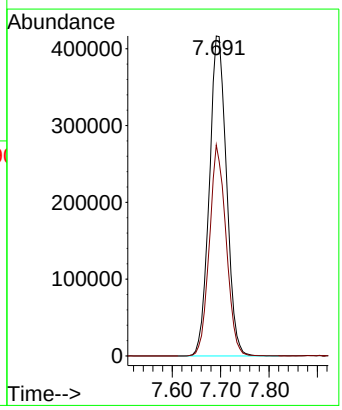
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

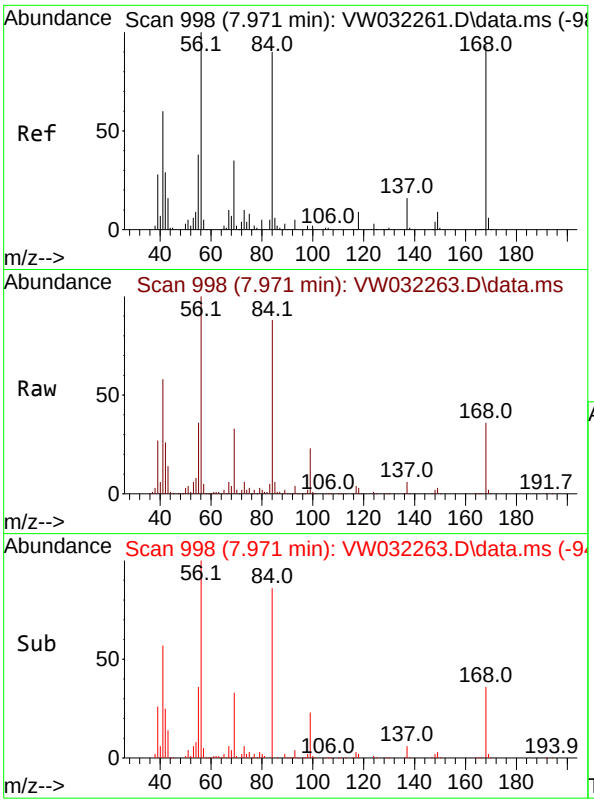


#30
Chloroform
Concen: 142.085 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 83 Resp: 1027625

Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.3	79.9

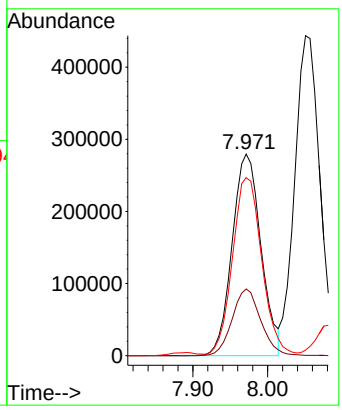




#31
Cyclohexane
Concen: 137.359 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 56 Resp: 75080

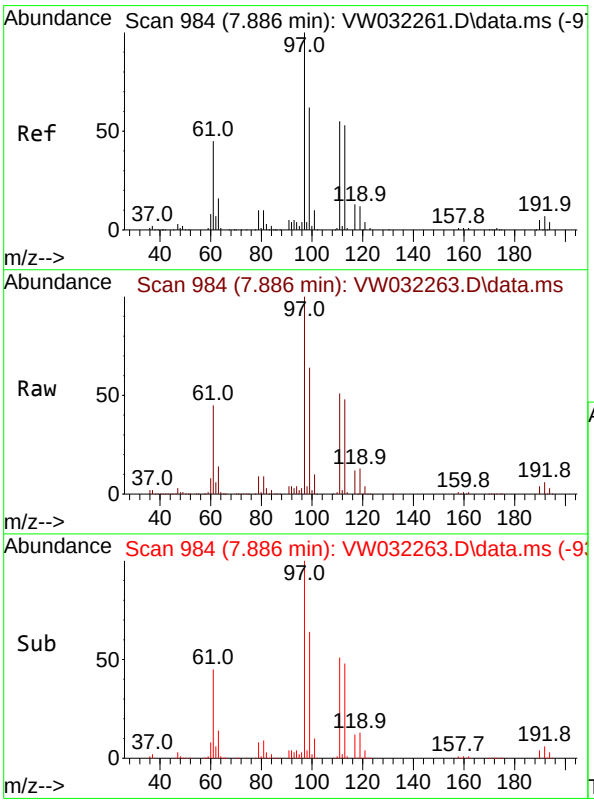
Ion	Ratio	Lower	Upper
56	100		
69	33.1	28.2	42.2
84	87.0	71.8	107.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

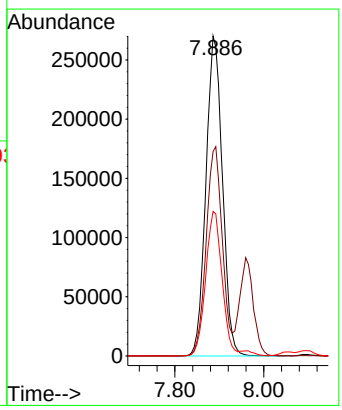
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

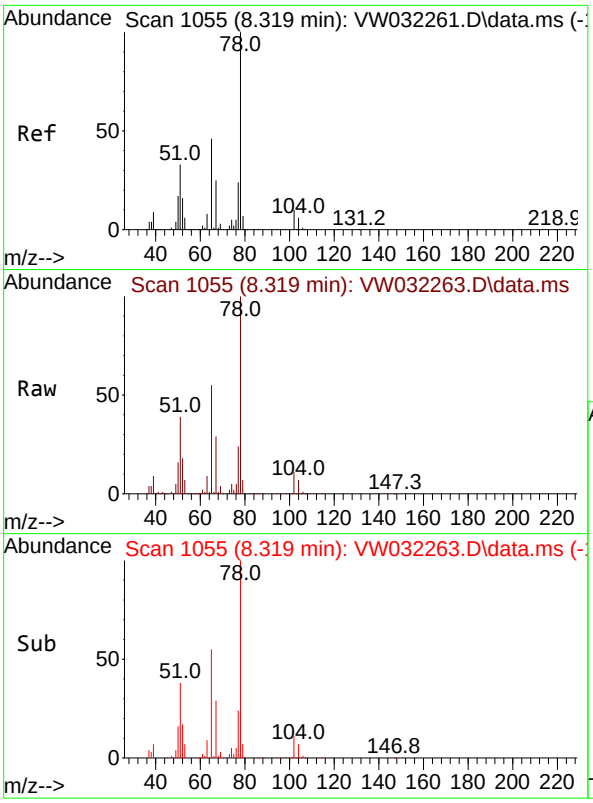


#32
1,1,1-Trichloroethane
Concen: 143.387 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 97 Resp: 698636

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	45.3	36.2	54.4

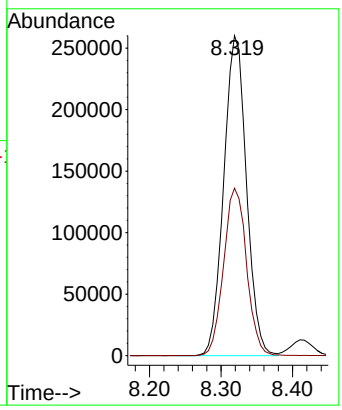




#33
1,2-Dichloroethane-d4
Concen: 135.650 ug/l
RT: 8.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 65 Resp: 57424

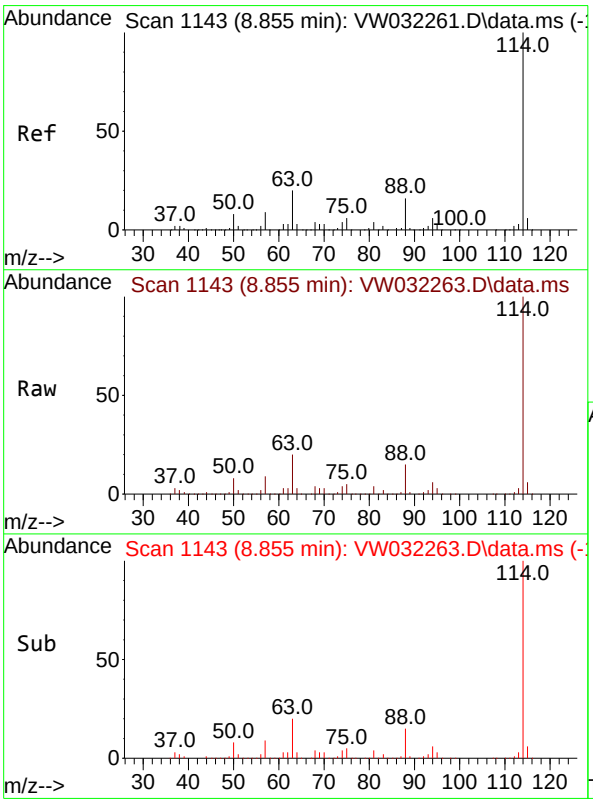
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

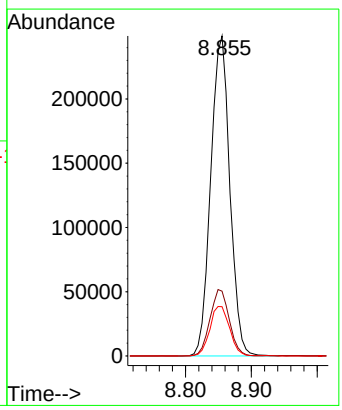
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

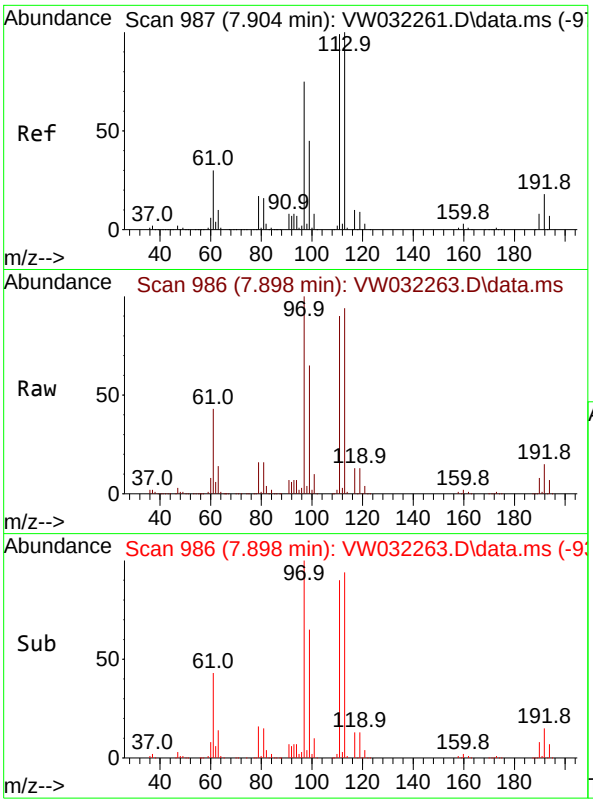


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:114 Resp: 503264

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.2
88	15.4	0.0	32.0

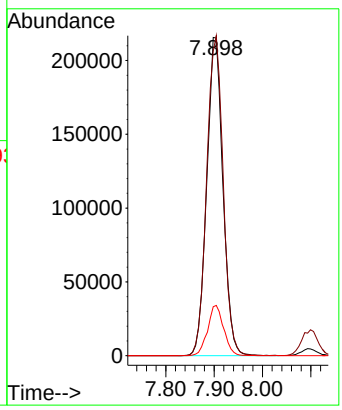




#35
Dibromofluoromethane
Concen: 138.686 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:113 Resp: 501948

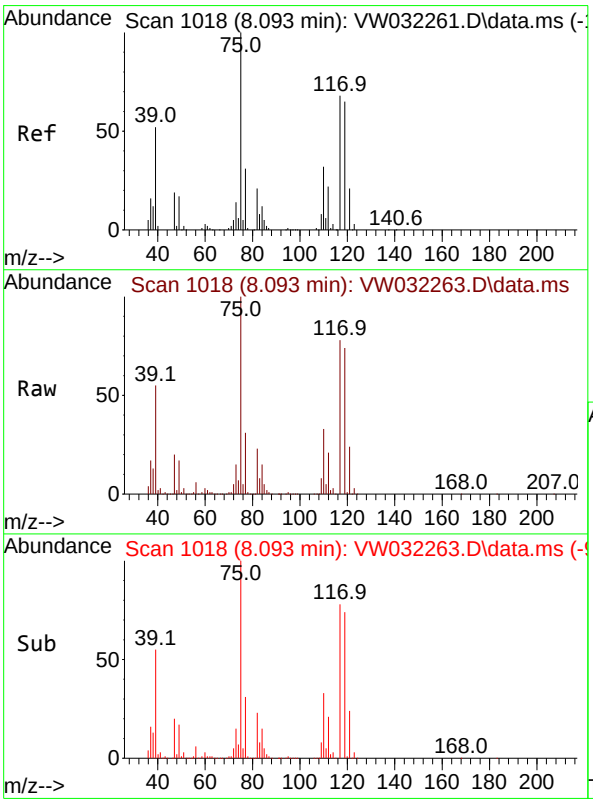
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	15.7	13.0	19.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

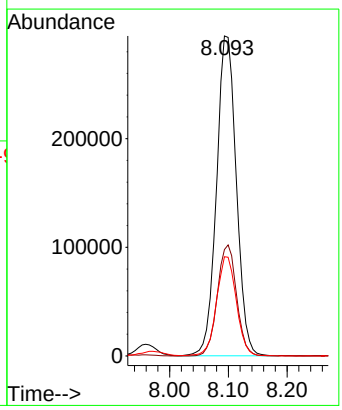
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

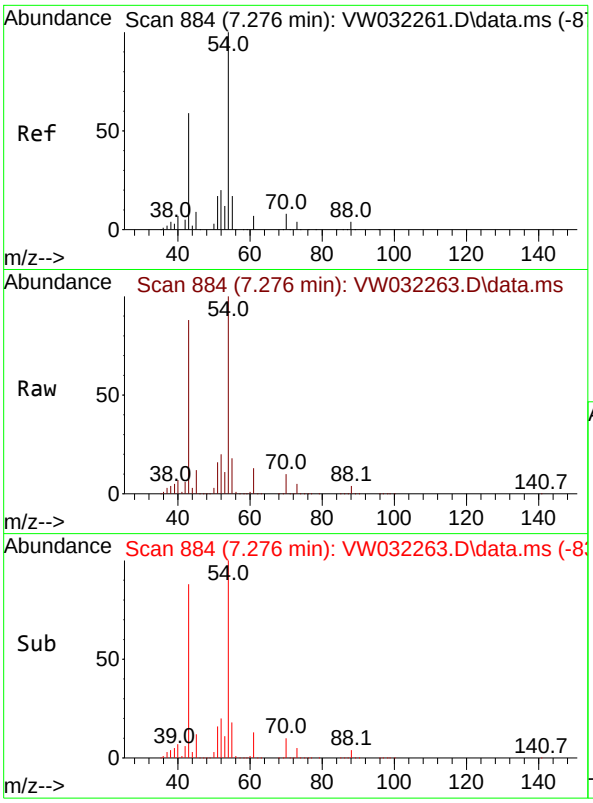


#36
1,1-Dichloropropene
Concen: 141.154 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 75 Resp: 688774

Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.7	50.1
77	31.1	25.2	37.8

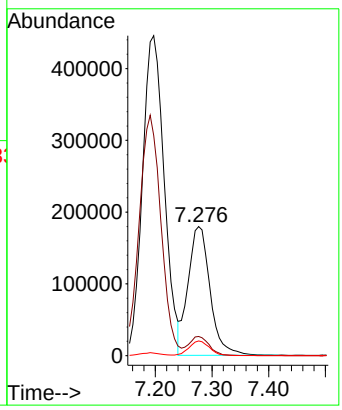




#37
Ethyl Acetate
Concen: 149.754 ug/l
RT: 7.276 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 48463

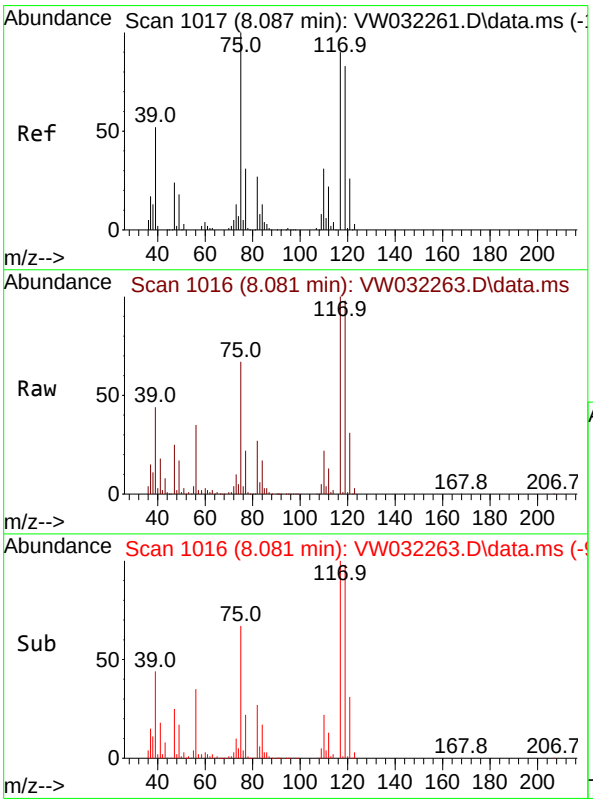
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	10.7	8.5	12.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

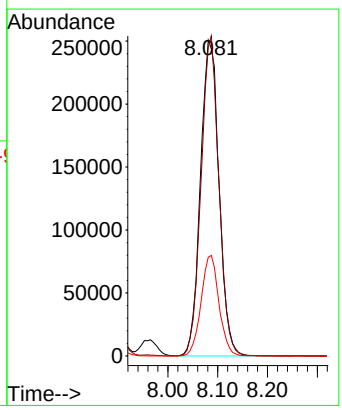
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

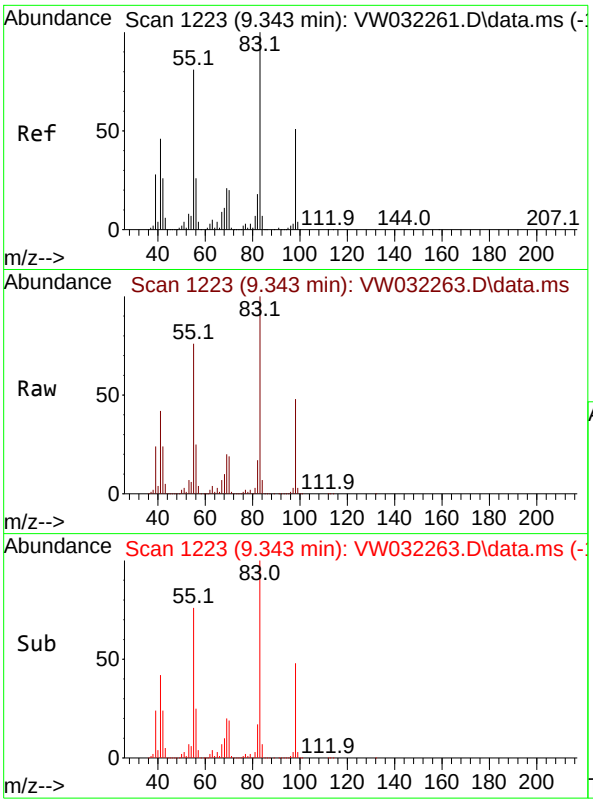


#38
Carbon Tetrachloride
Concen: 141.229 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:117 Resp: 648359

Ion	Ratio	Lower	Upper
117	100		
119	97.7	73.9	110.9
121	31.3	23.0	34.6

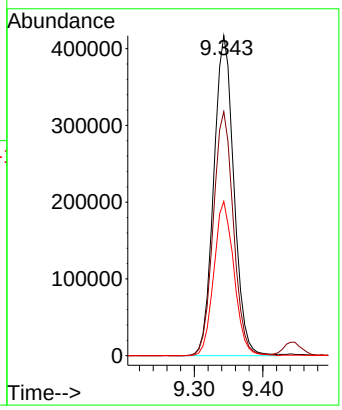




#39
Methylcyclohexane
Concen: 150.722 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 83 Resp: 85100

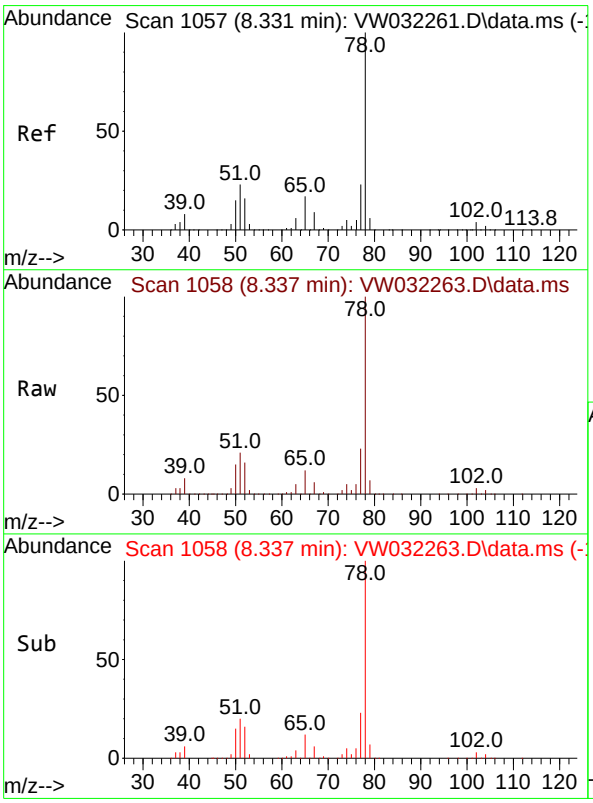
Ion	Ratio	Lower	Upper
83	100		
55	76.3	65.0	97.6
98	48.2	40.8	61.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

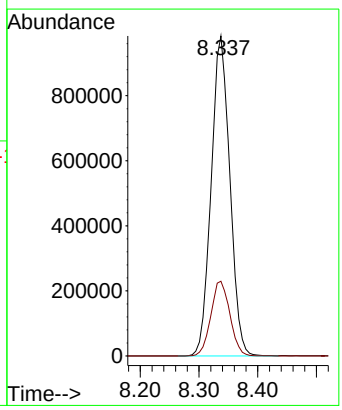
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

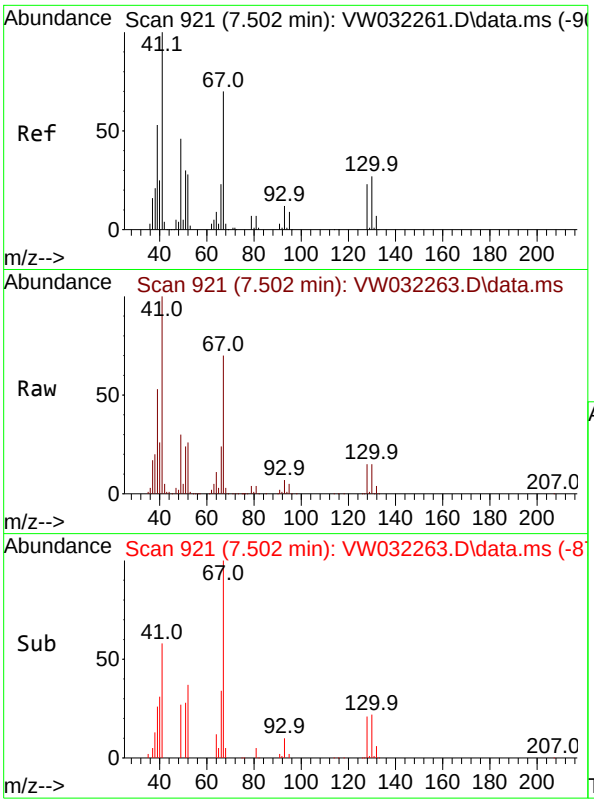


#40
Benzene
Concen: 141.329 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 78 Resp: 2170741

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1

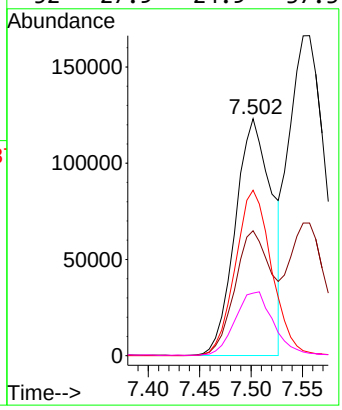




#41
Methacrylonitrile
Concen: 164.987 ug/l
RT: 7.502 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 41 Resp: 30579

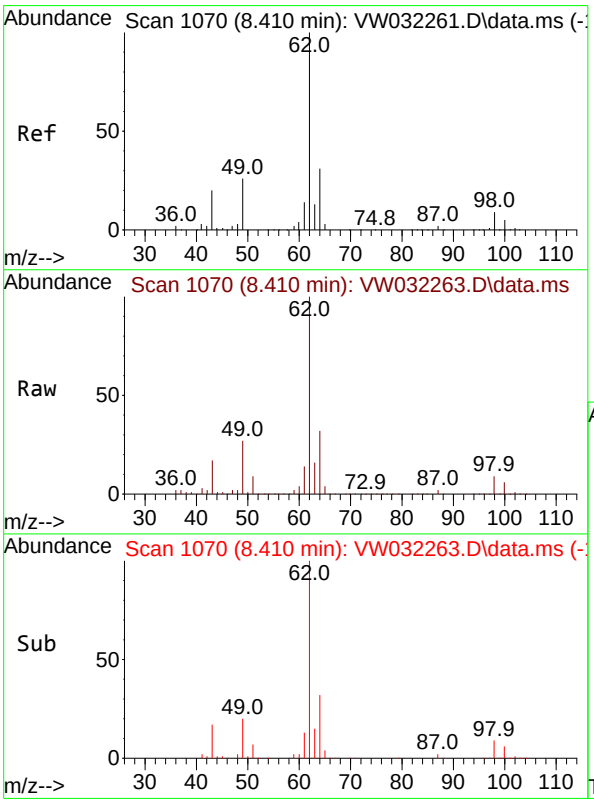
Ion	Ratio	Lower	Upper
41	100		
39	52.7	46.9	70.3
67	69.7	59.0	88.4
52	27.9	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

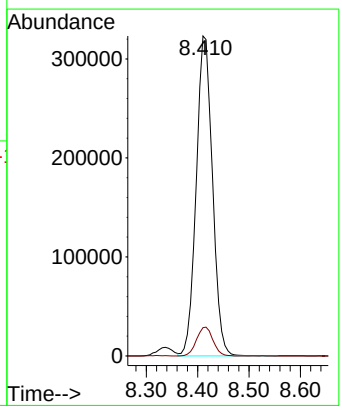
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

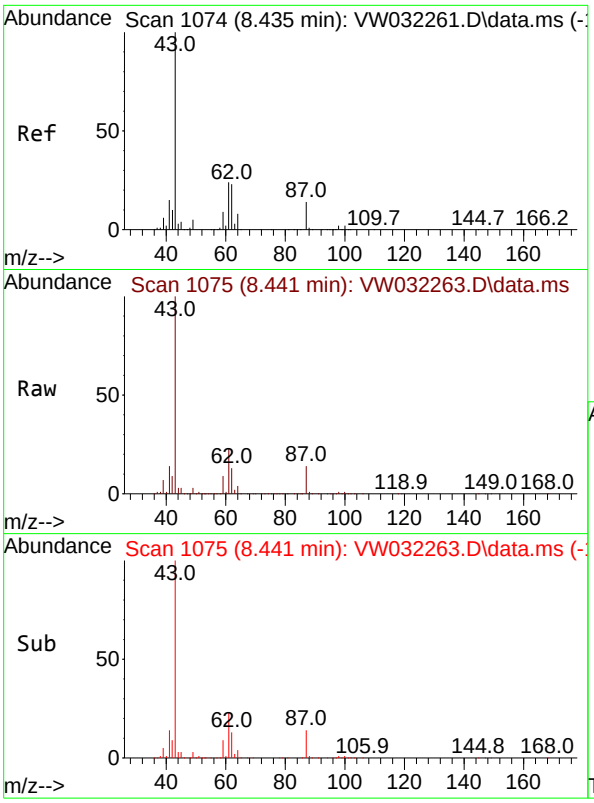


#42
1,2-Dichloroethane
Concen: 138.911 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 62 Resp: 709201

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

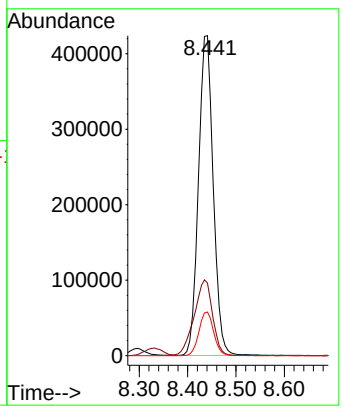




#43
Isopropyl Acetate
Concen: 155.231 ug/l
RT: 8.441 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 89925

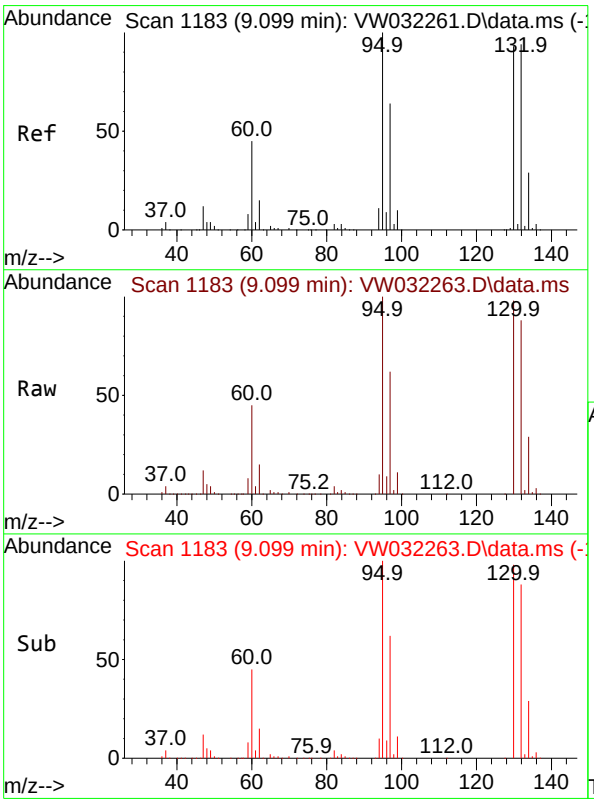
Ion	Ratio	Lower	Upper
43	100		
61	29.3	24.2	36.2
87	13.7	10.6	16.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

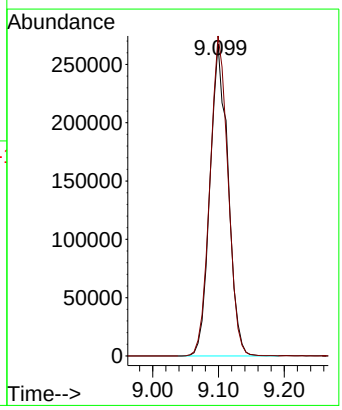
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

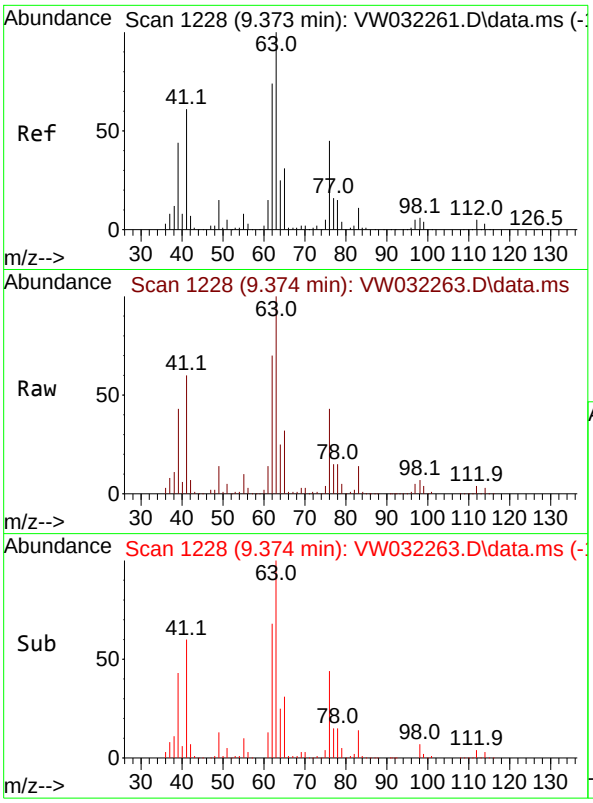


#44
Trichloroethene
Concen: 142.728 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:130 Resp: 512412

Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	215.2

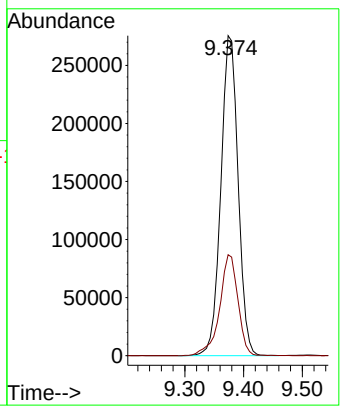




#45
1,2-Dichloropropane
Concen: 141.229 ug/l
RT: 9.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 63 Resp: 56182

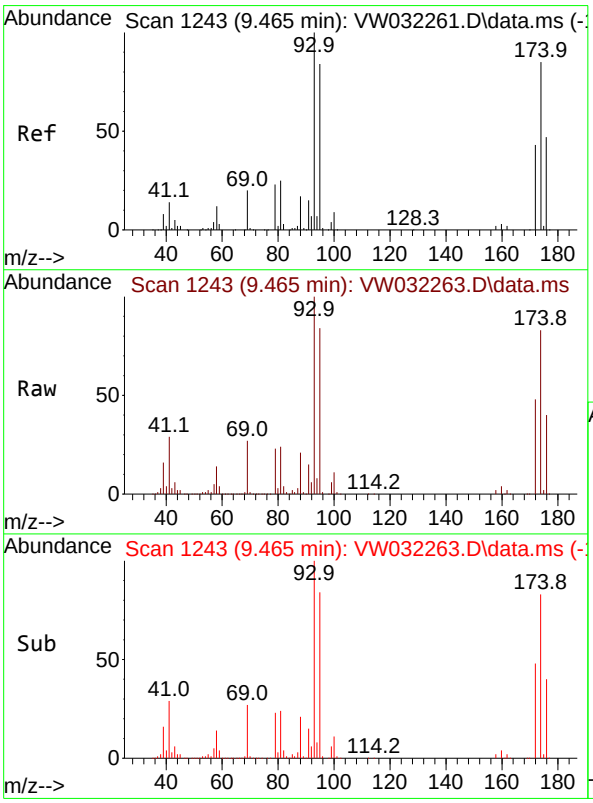
Ion	Ratio	Lower	Upper
63	100		
65	31.5	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

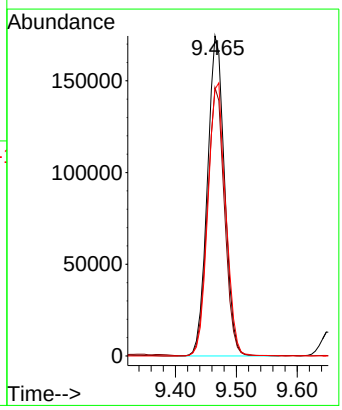
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

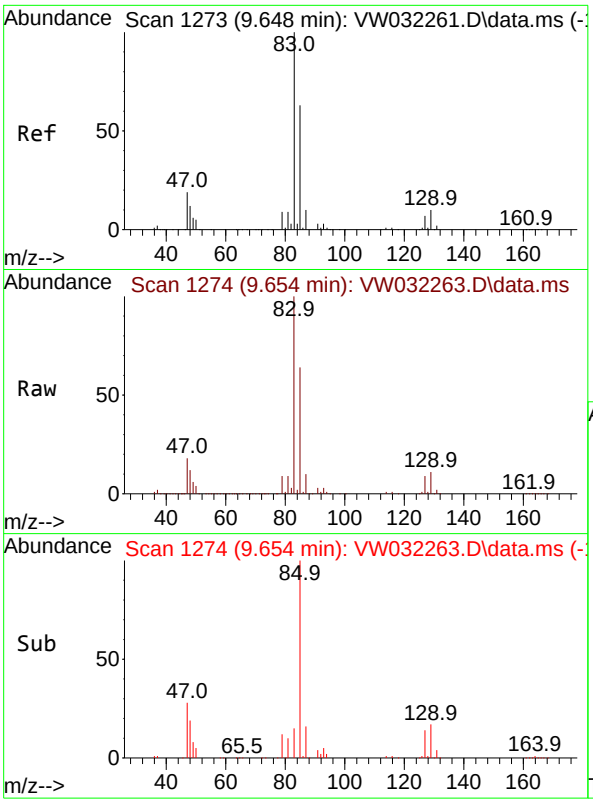


#46
Dibromomethane
Concen: 139.871 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 93 Resp: 342097

Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.6	99.8
174	87.9	69.0	103.6

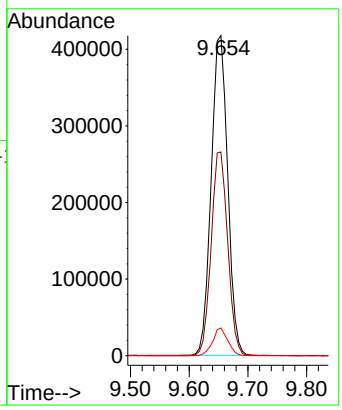




#47
Bromodichloromethane
Concen: 146.351 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 83 Resp: 81640

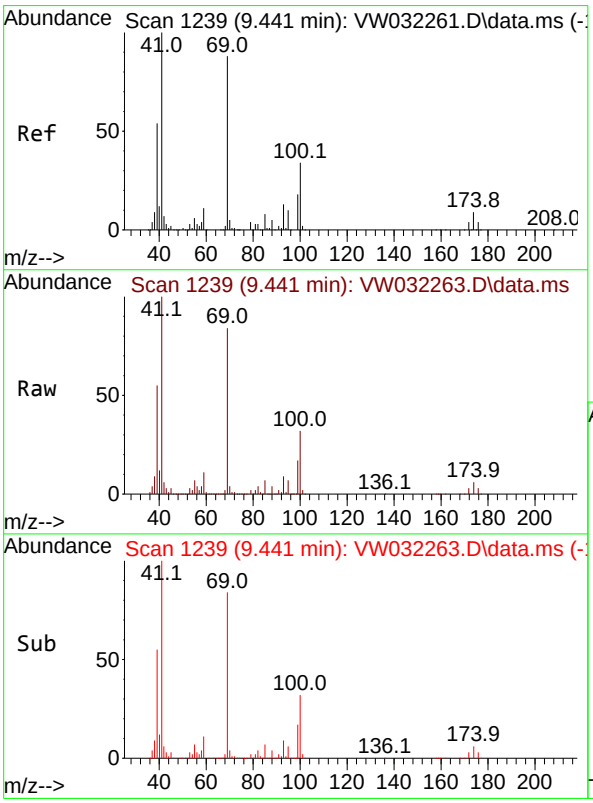
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.3	75.5
127	8.6	5.6	8.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

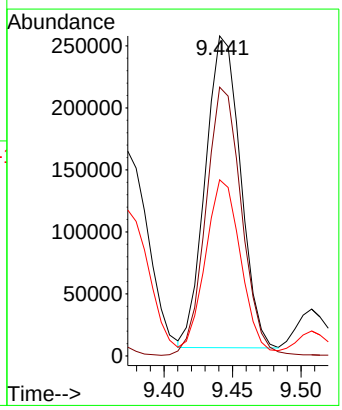
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

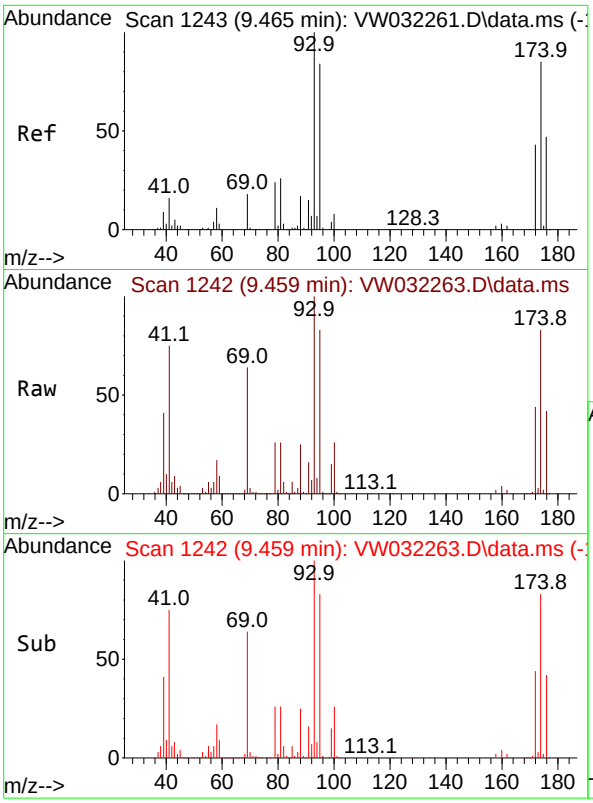


#48
Methyl methacrylate
Concen: 164.241 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 41 Resp: 447621

Ion	Ratio	Lower	Upper
41	100		
69	88.1	71.4	107.0
39	54.0	46.9	70.3

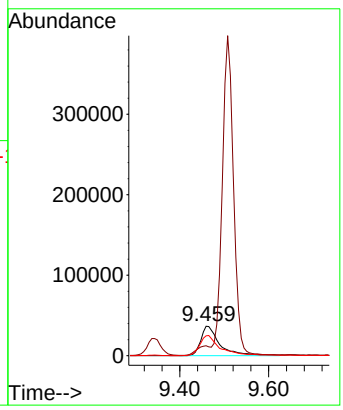




#49
1,4-Dioxane
Concen: 3330.471 ug/l
RT: 9.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 88 Resp: 10909

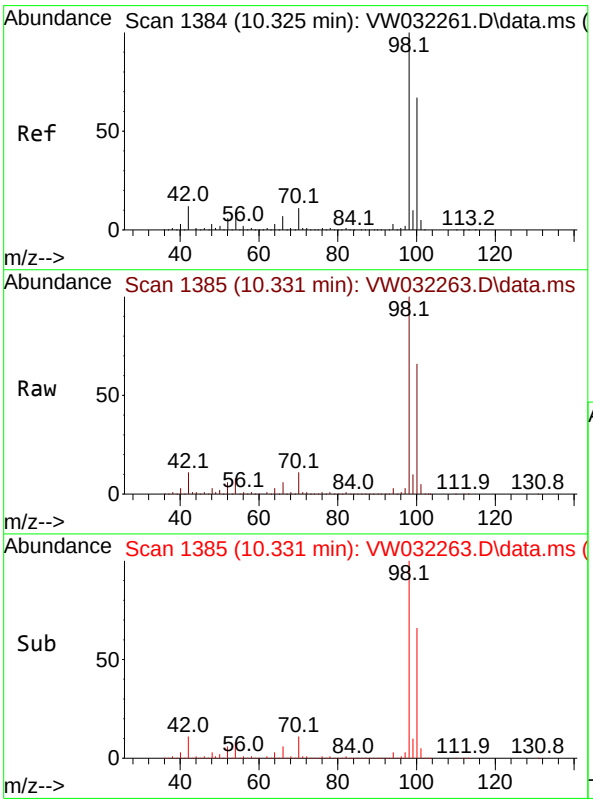
Ion	Ratio	Lower	Upper
88	100		
43	24.6	0.0	0.0
58	74.5	62.9	94.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

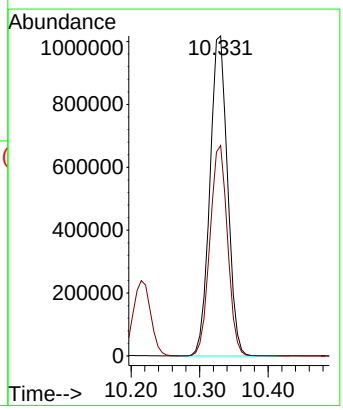
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

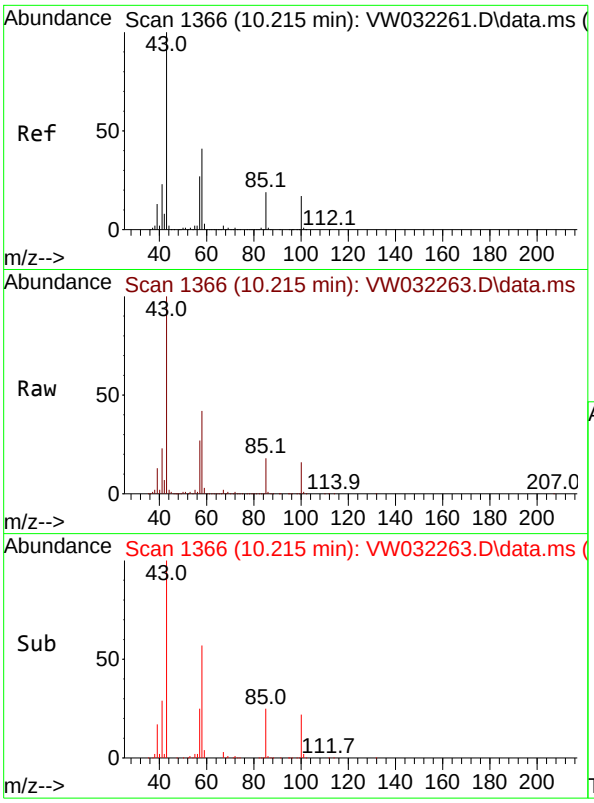


#50
Toluene-d8
Concen: 139.432 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 98 Resp: 1818751

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 751.674 ug/l
RT: 10.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

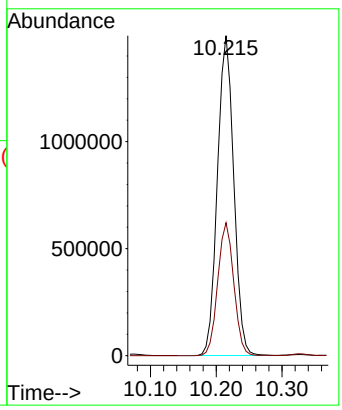
Tgt Ion: 43 Resp: 258181

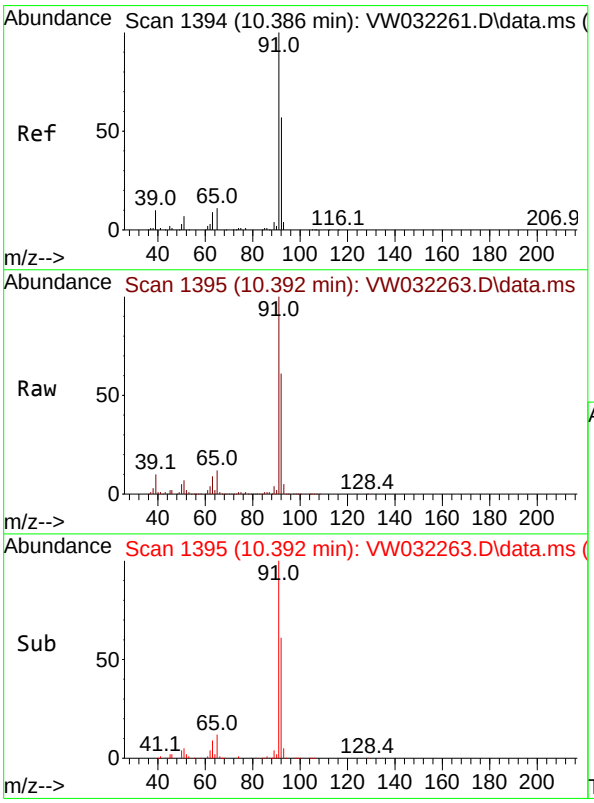
Ion	Ratio	Lower	Upper
43	100		
58	40.9	32.3	48.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

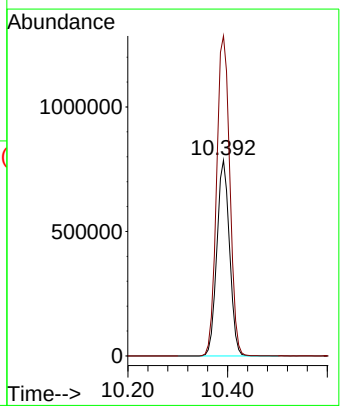


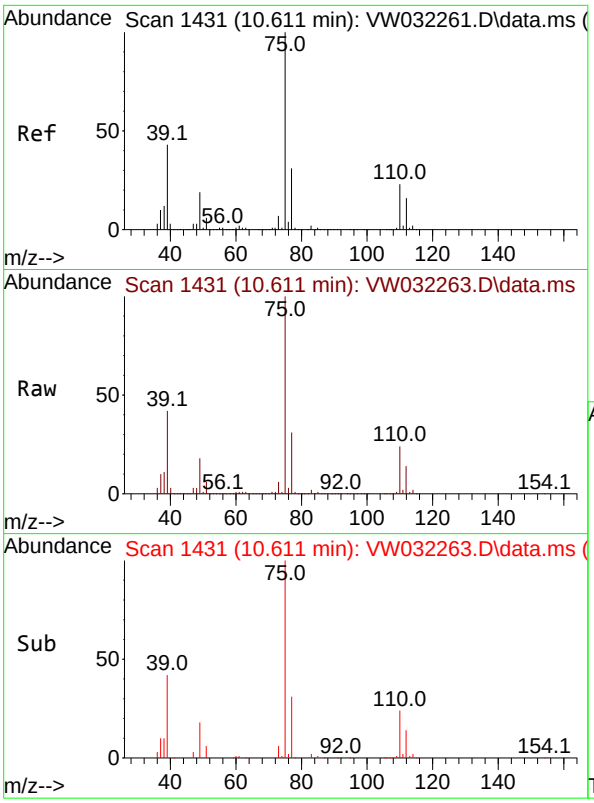


#52
Toluene
Concen: 145.306 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 92 Resp: 1383297

Ion	Ratio	Lower	Upper
92	100		
91	169.9	139.2	208.8

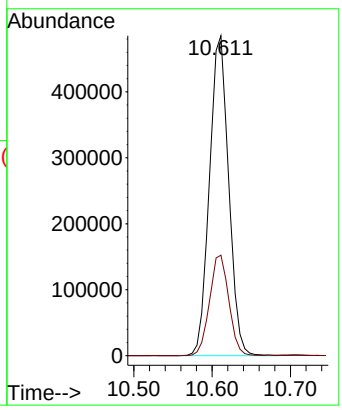




#53
t-1,3-Dichloropropene
Concen: 161.590 ug/l
RT: 10.611 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 75 Resp: 82588(

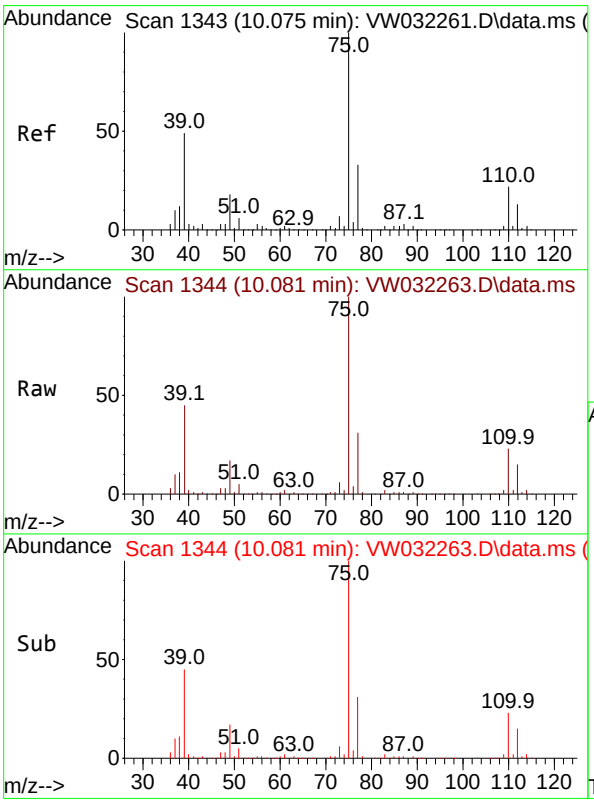
Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	37.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

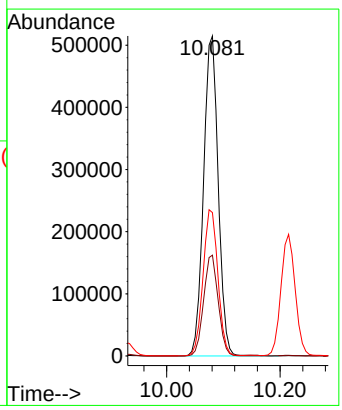
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

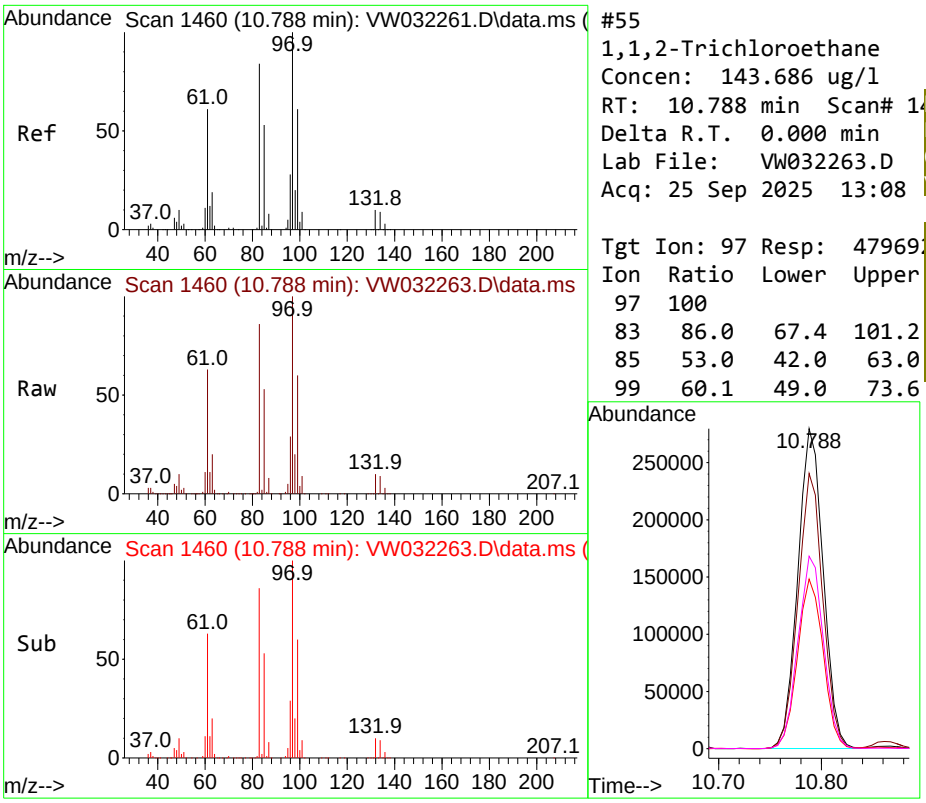


#54
cis-1,3-Dichloropropene
Concen: 156.407 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 75 Resp: 922892

Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.4
39	44.7	39.0	58.6





#55
1,1,2-Trichloroethane
Concen: 143.686 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

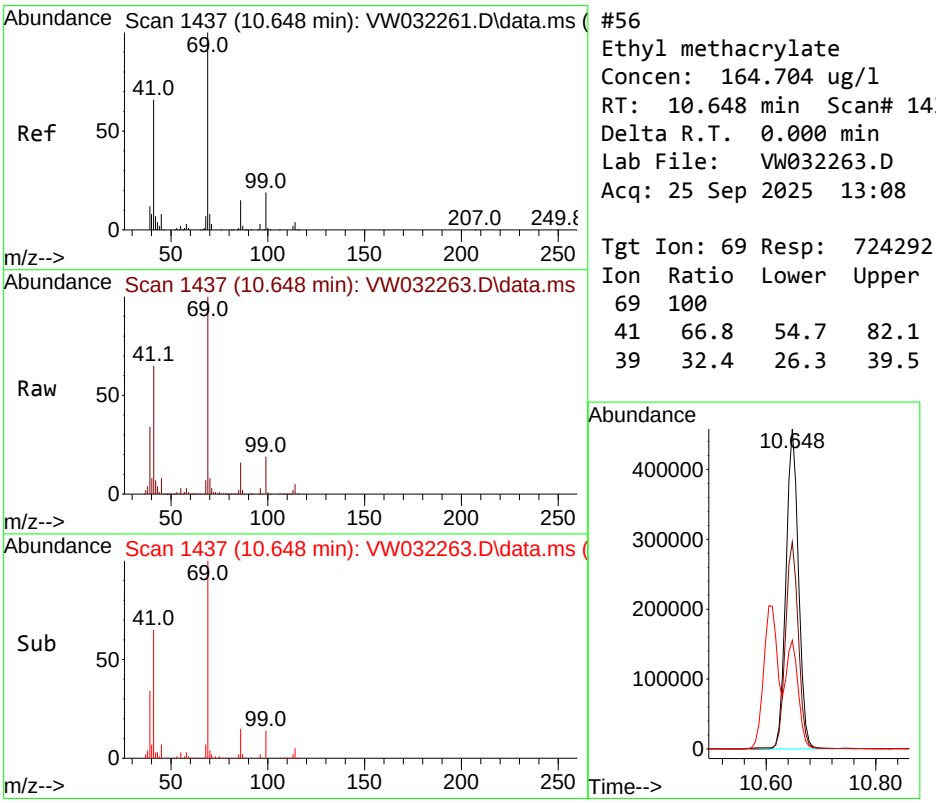
Tgt Ion: 97 Resp: 47969

Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.4	101.2
85	53.0	42.0	63.0
99	60.1	49.0	73.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

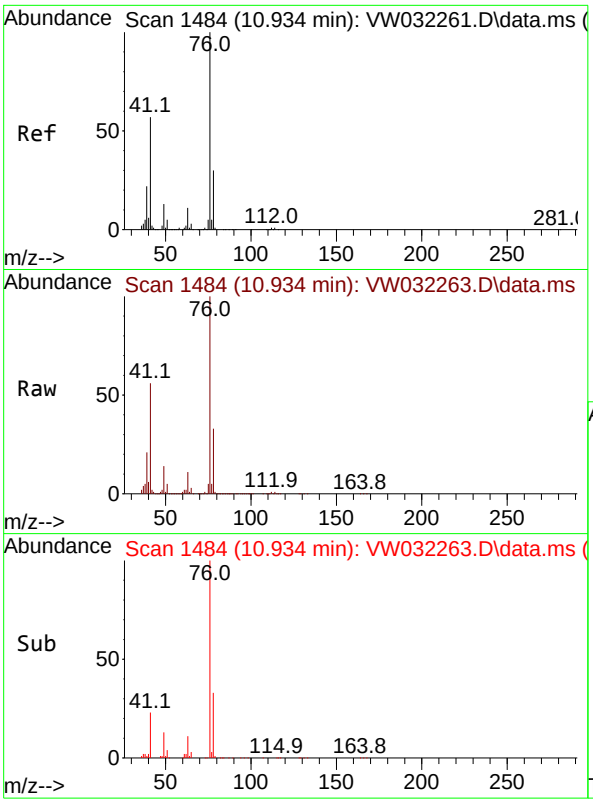
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#56
Ethyl methacrylate
Concen: 164.704 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 69 Resp: 724292

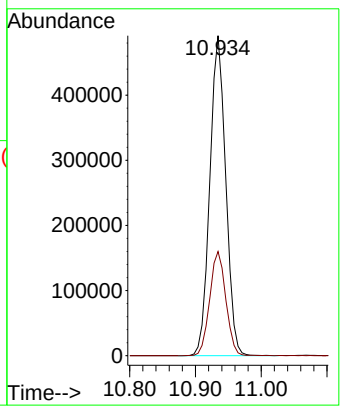
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.7	82.1
39	32.4	26.3	39.5



#57
1,3-Dichloropropane
Concen: 143.381 ug/l
RT: 10.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 76 Resp: 82693

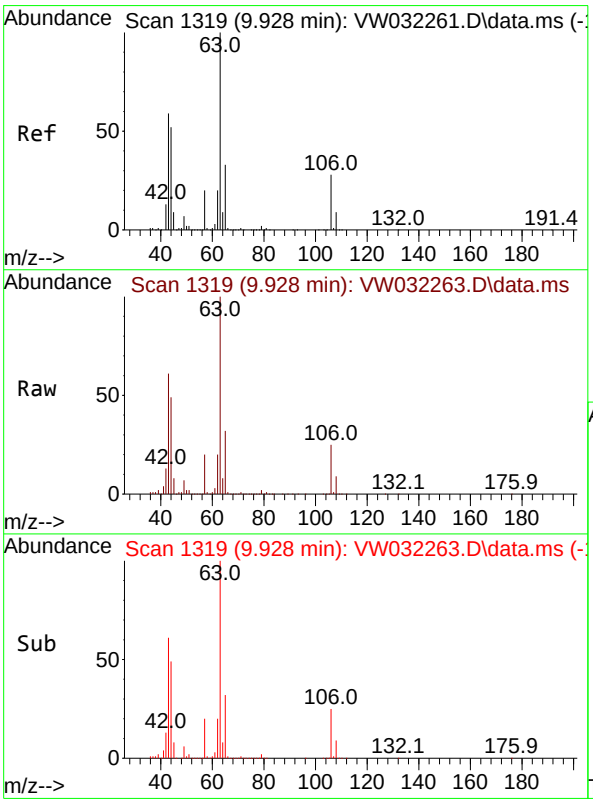
Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

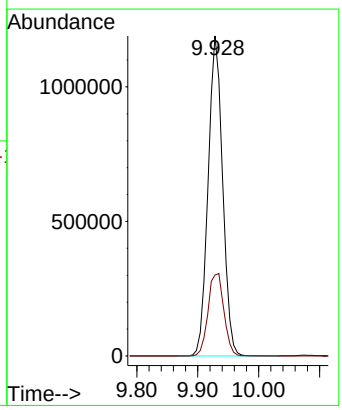
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

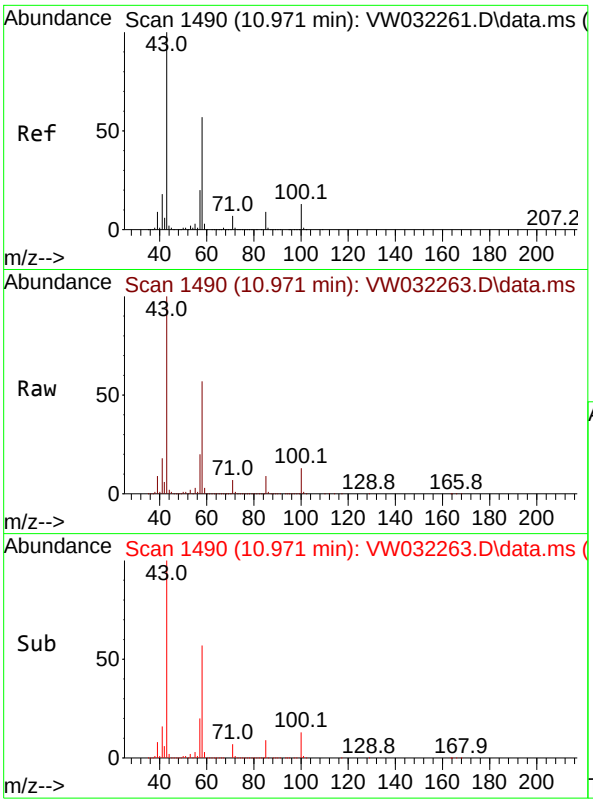


#58
2-Chloroethyl Vinyl ether
Concen: 815.074 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 63 Resp: 1967595

Ion	Ratio	Lower	Upper
63	100		
106	28.1	22.5	33.7





#59
2-Hexanone
Concen: 781.907 ug/l
RT: 10.971 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

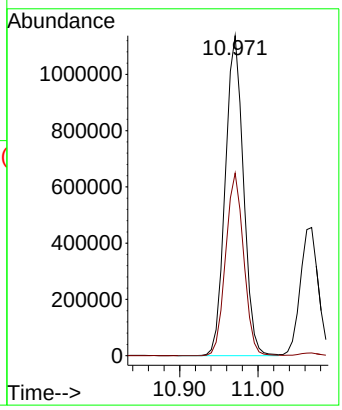
Tgt Ion: 43 Resp: 183400

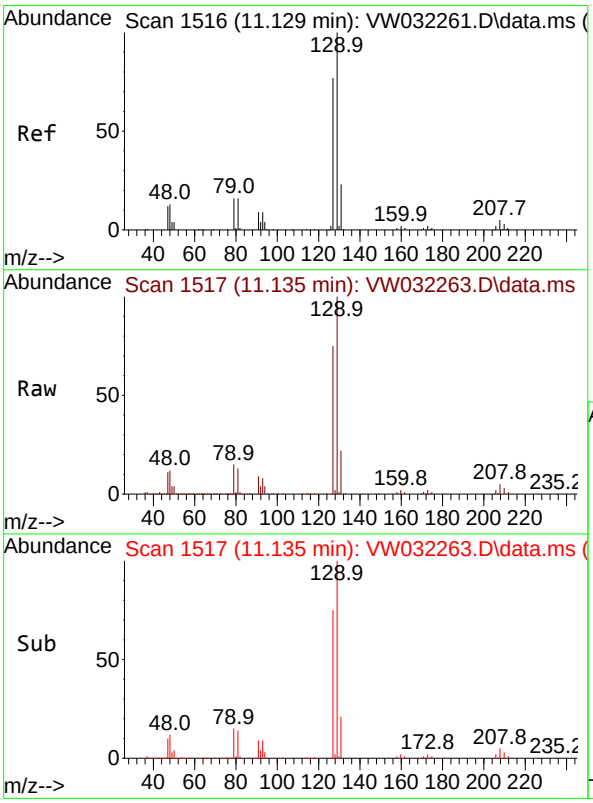
Ion	Ratio	Lower	Upper
43	100		
58	56.5	27.9	83.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

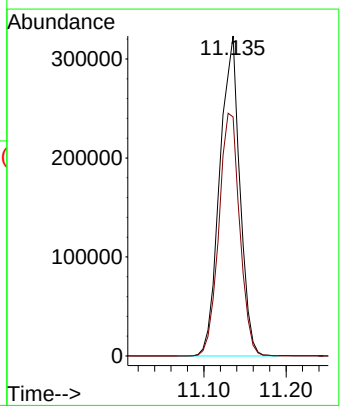


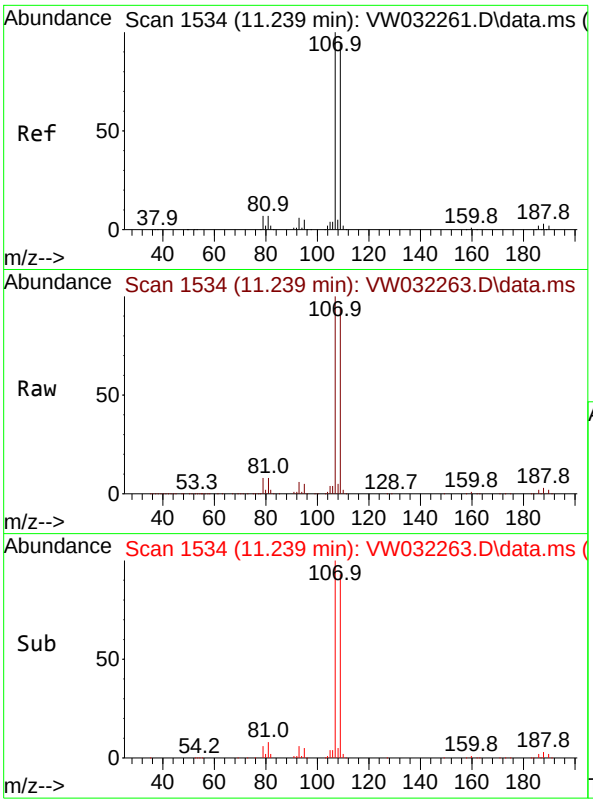


#60
Dibromochloromethane
Concen: 149.762 ug/l
RT: 11.135 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:129 Resp: 549090

Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.3	117.8

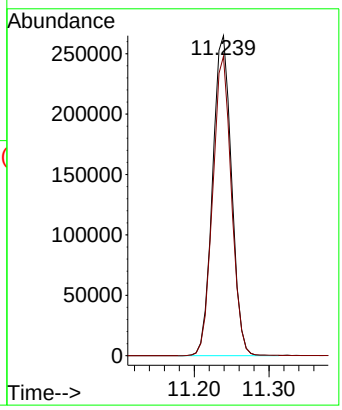




#61
1,2-Dibromoethane
Concen: 147.671 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:107 Resp: 46706

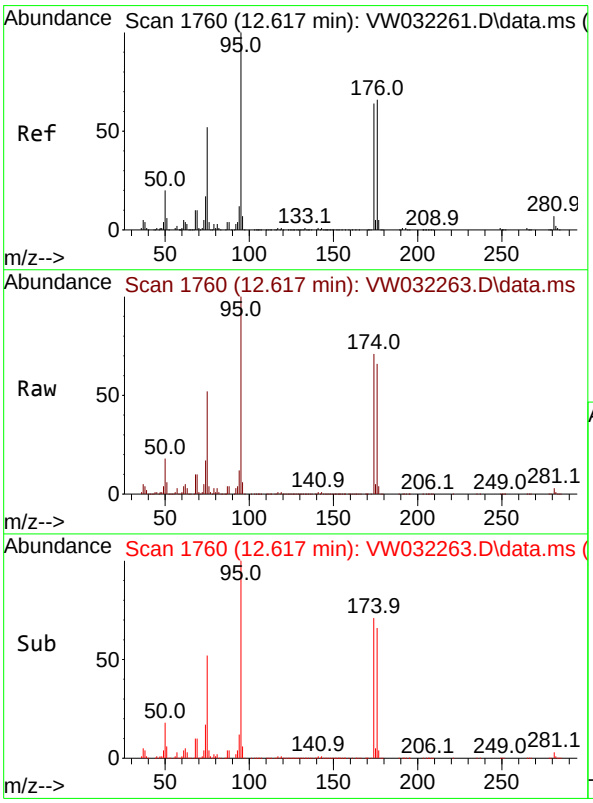
Ion	Ratio	Lower	Upper
107	100		
109	92.3	74.1	111.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

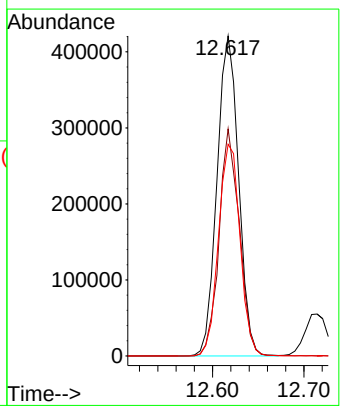
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

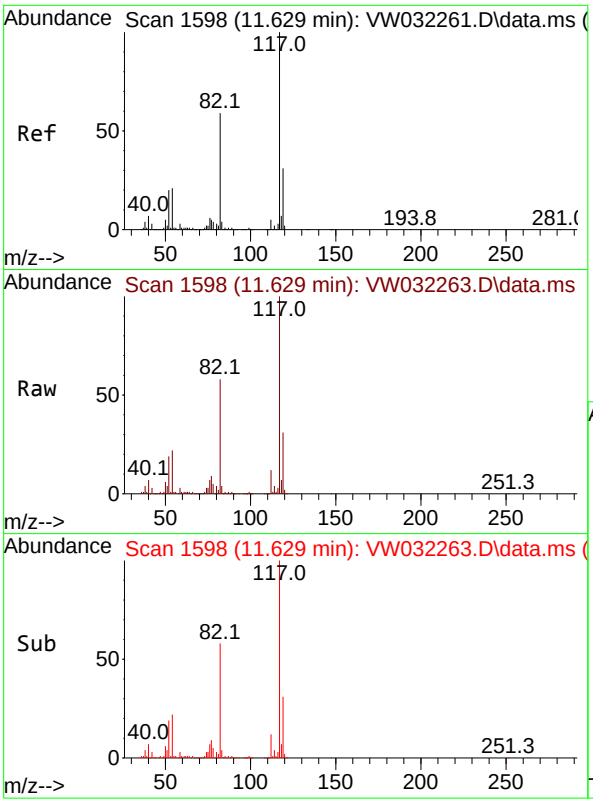


#62
4-Bromofluorobenzene
Concen: 140.528 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 95 Resp: 691432

Ion	Ratio	Lower	Upper
95	100		
174	66.7	0.0	130.6
176	66.2	0.0	127.0

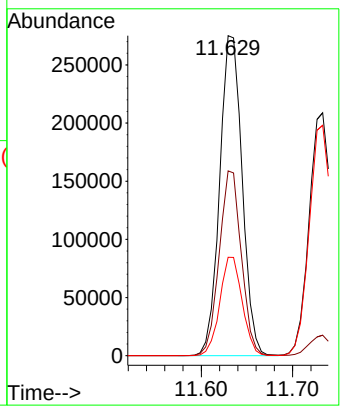




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:117 Resp: 47132

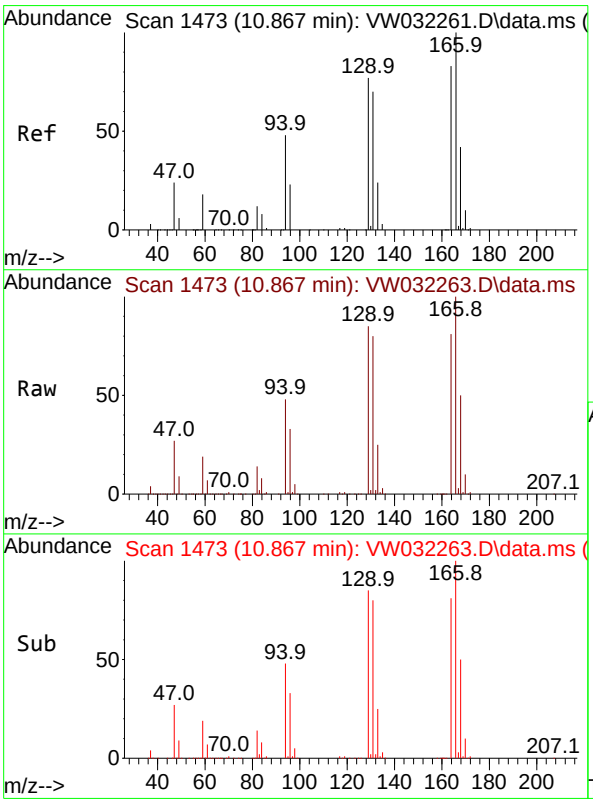
Ion	Ratio	Lower	Upper
117	100		
82	57.7	46.9	70.3
119	30.8	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

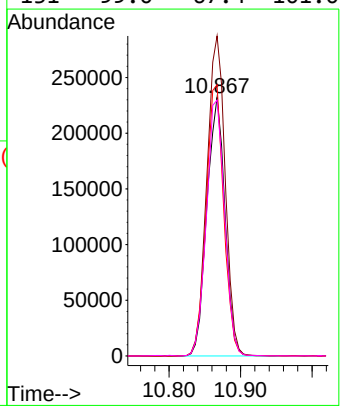
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

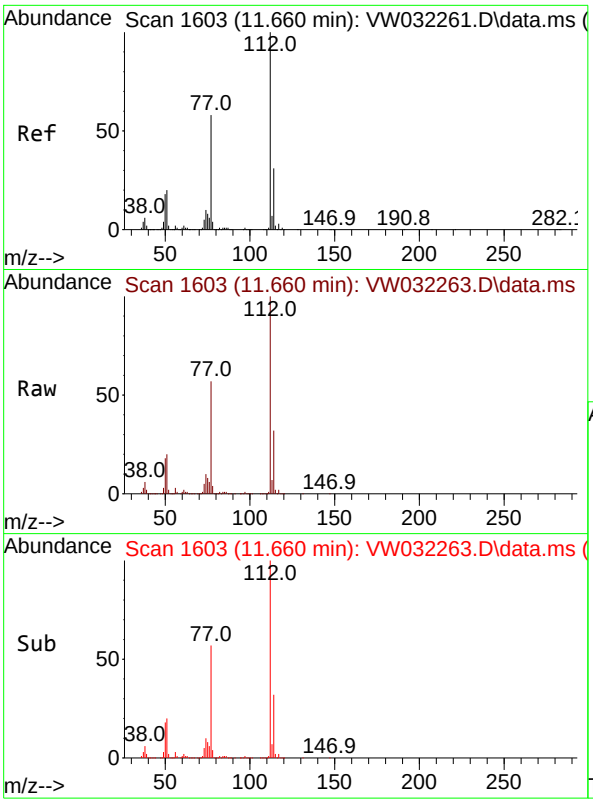


#64
Tetrachloroethene
Concen: 141.775 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:164 Resp: 407222

Ion	Ratio	Lower	Upper
164	100		
166	123.8	96.9	145.3
129	104.9	75.0	112.4
131	99.0	67.4	101.0

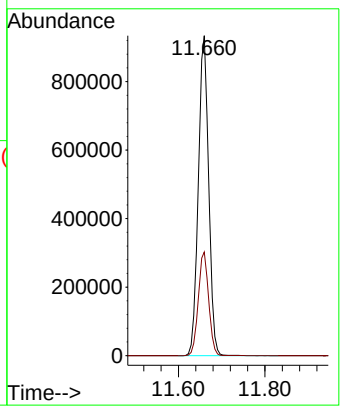




#65
Chlorobenzene
Concen: 142.042 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:112 Resp: 154210

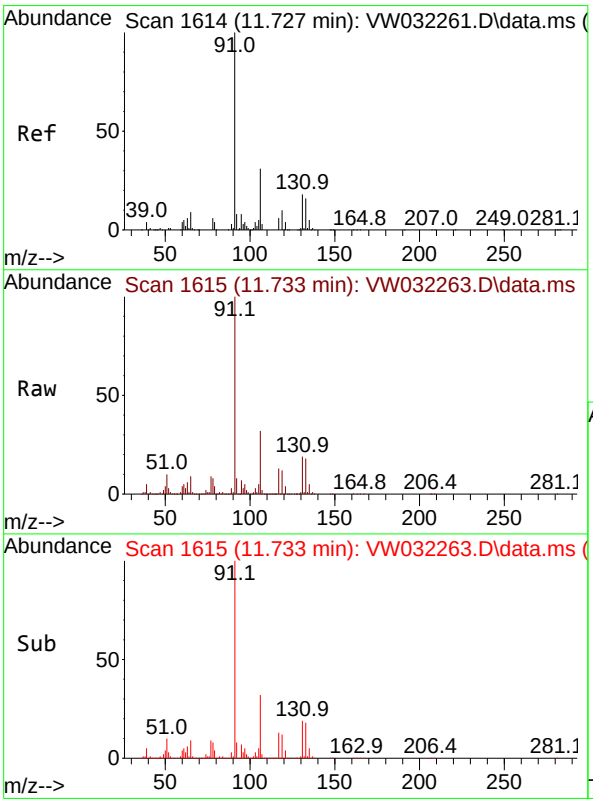
Ion	Ratio	Lower	Upper
112	100		
114	32.4	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

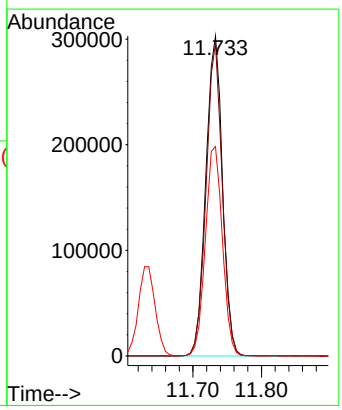
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

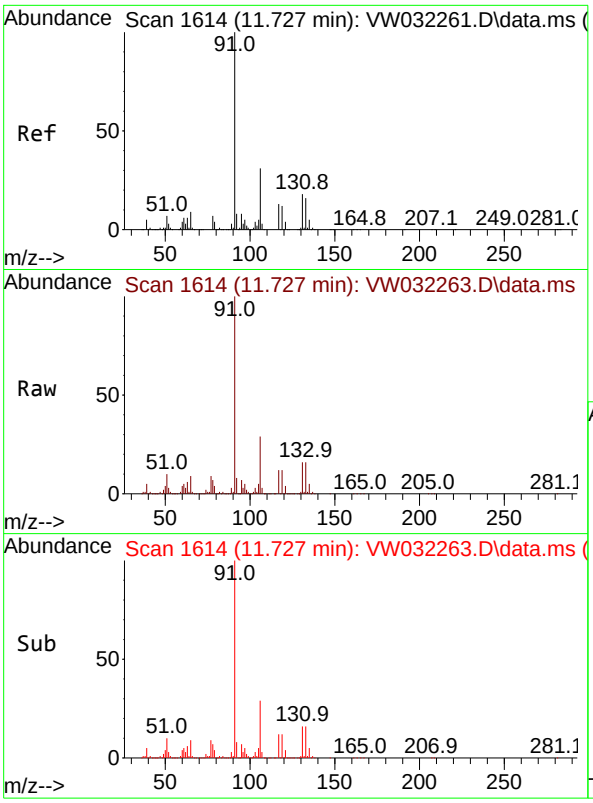


#66
1,1,1,2-Tetrachloroethane
Concen: 148.829 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:131 Resp: 511003

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.1	141.3
119	67.4	33.9	101.7

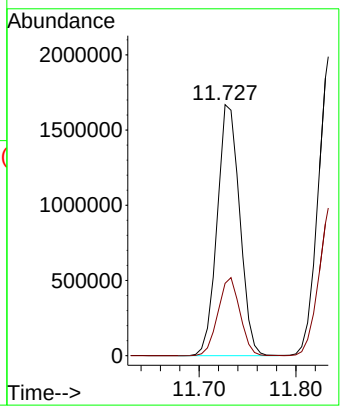




#67
Ethyl Benzene
Concen: 151.851 ug/l
RT: 11.727 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 91 Resp: 269846(

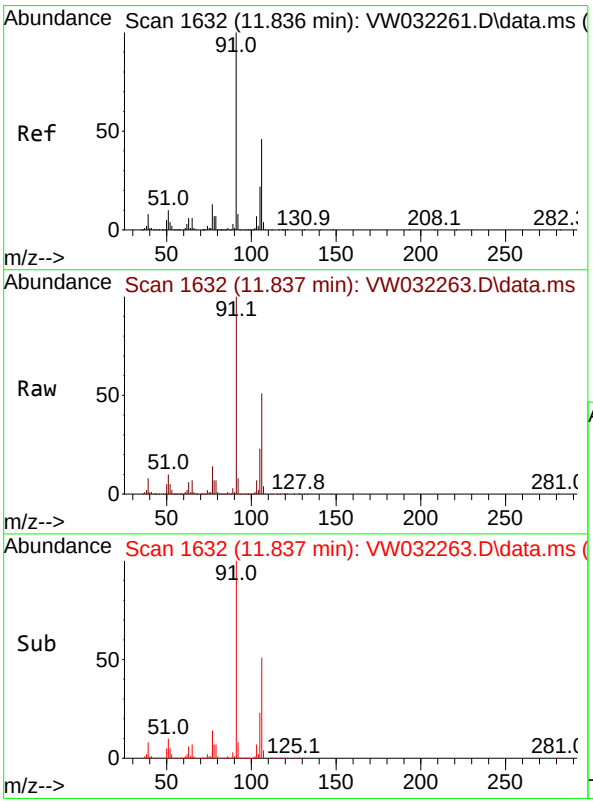
Ion	Ratio	Lower	Upper
91	100		
106	28.8	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

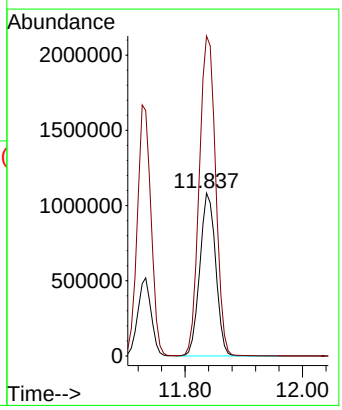
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

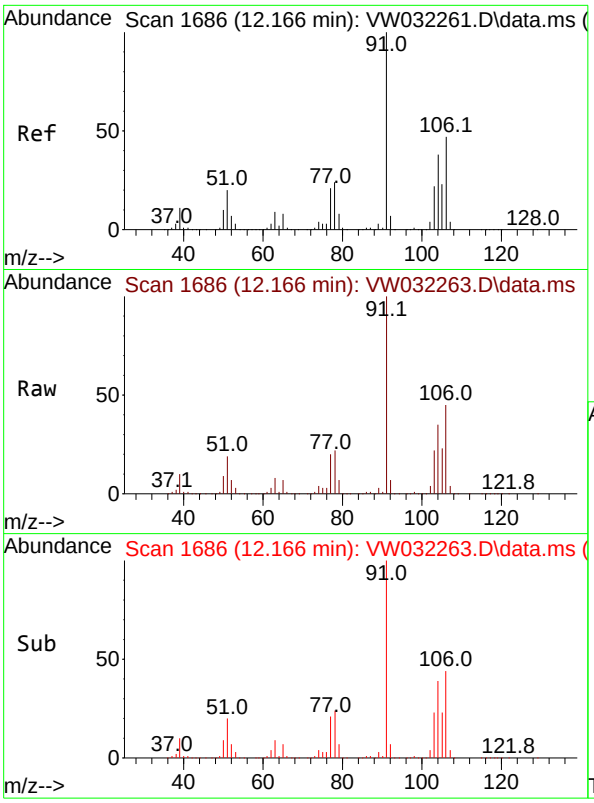


#68
m/p-Xylenes
Concen: 297.855 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:106 Resp: 2029004

Ion	Ratio	Lower	Upper
106	100		
91	202.8	169.0	253.4





#69
o-Xylene
Concen: 153.220 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

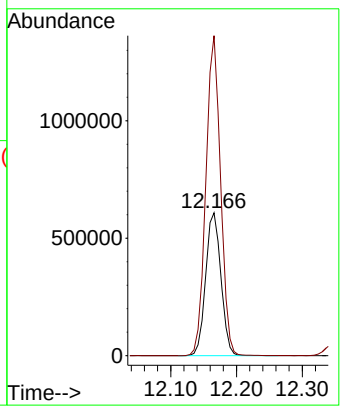
Tgt Ion:106 Resp: 98091

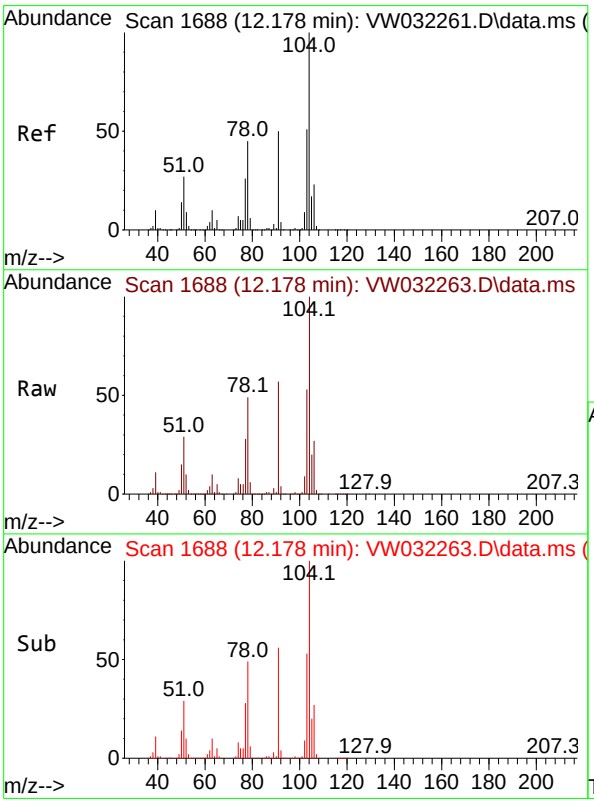
Ion	Ratio	Lower	Upper
106	100		
91	215.9	107.8	323.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

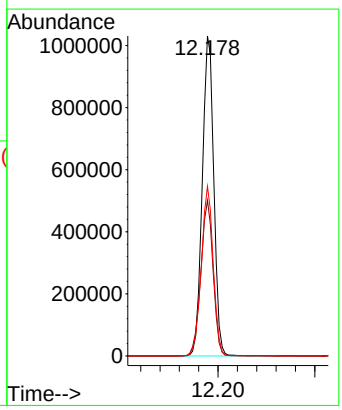


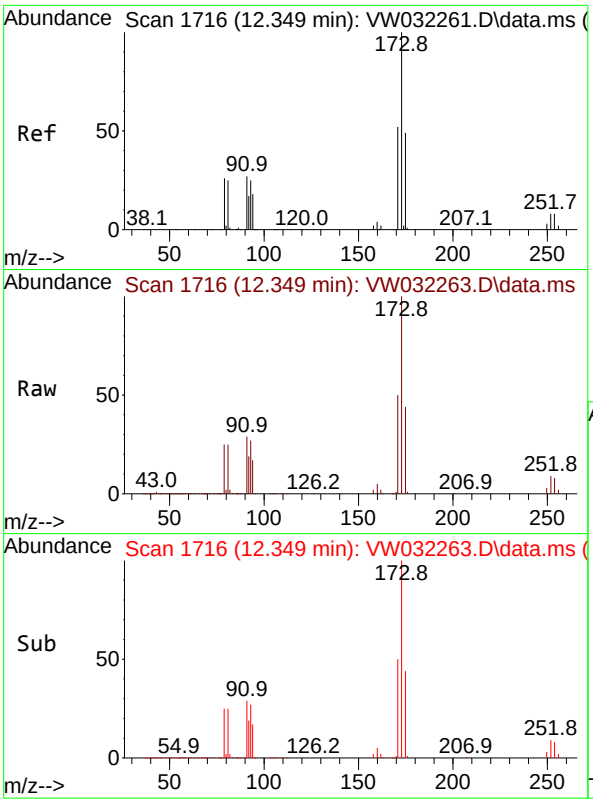


#70
Styrene
Concen: 151.648 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:104 Resp: 1702538

Ion	Ratio	Lower	Upper
104	100		
78	51.6	40.8	61.2
103	54.9	43.4	65.2

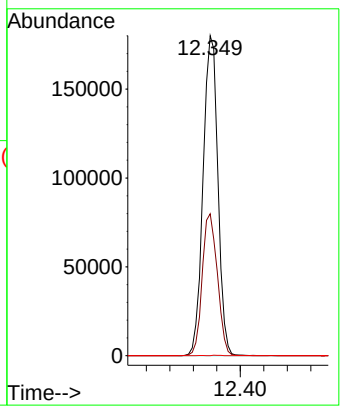




#71
Bromoform
Concen: 157.711 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:173 Resp: 31555

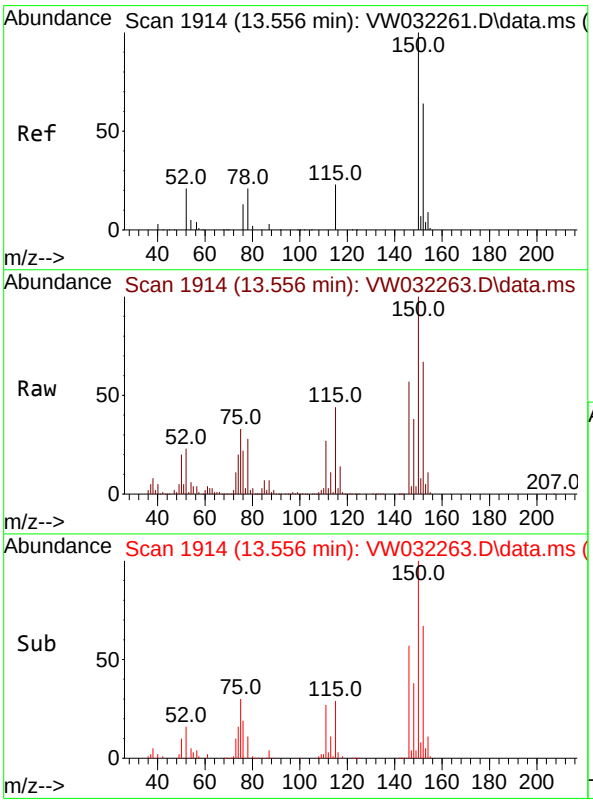
Ion	Ratio	Lower	Upper
173	100		
175	45.3	23.1	69.2
254	0.1	0.1	0.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

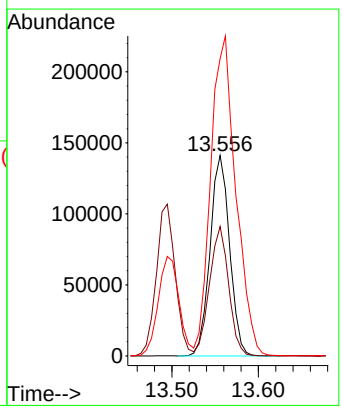
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

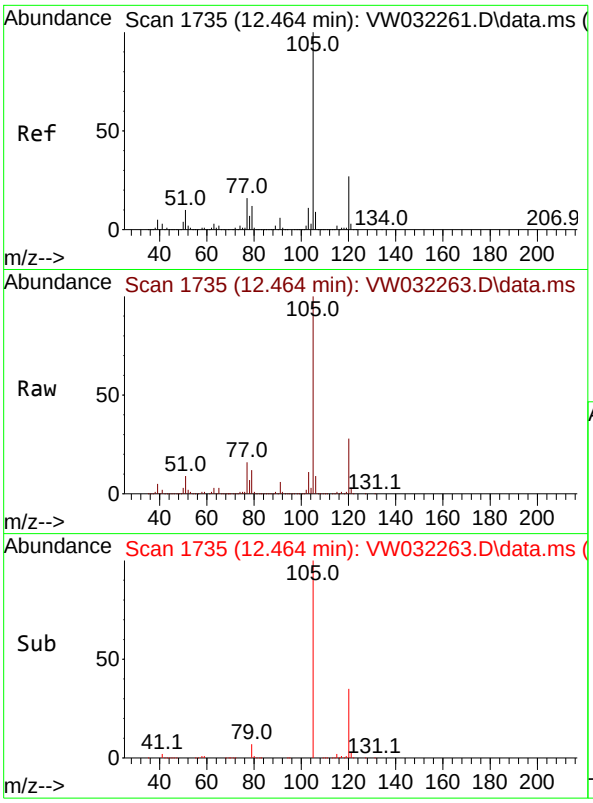


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:152 Resp: 221054

Ion	Ratio	Lower	Upper
152	100		
115	63.2	32.5	97.5
150	205.1	0.0	370.2

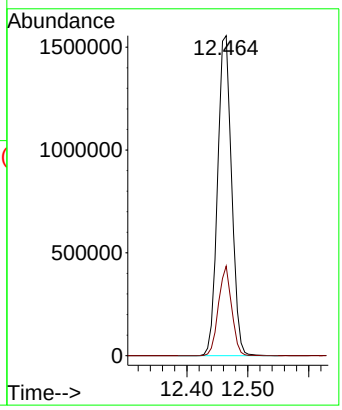




#73
Isopropylbenzene
Concen: 161.210 ug/l
RT: 12.464 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:105 Resp: 248034

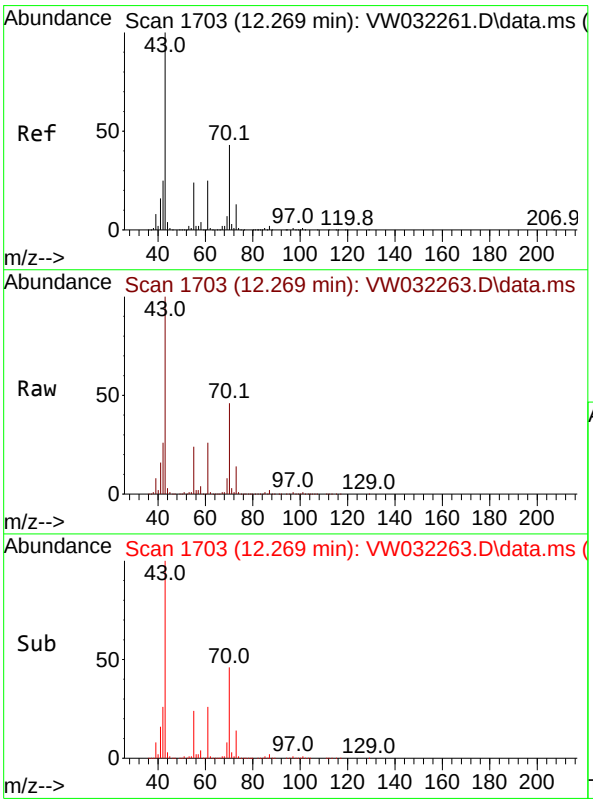
Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

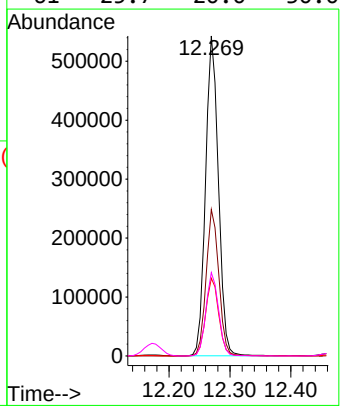
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

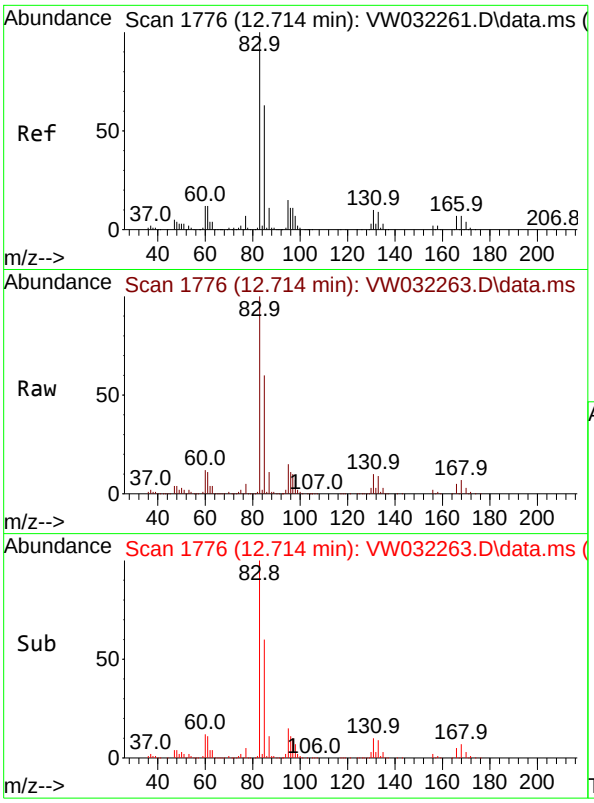


#74
N-amyl acetate
Concen: 164.633 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 43 Resp: 797679

Ion	Ratio	Lower	Upper
43	100		
70	45.3	35.0	52.4
55	24.8	20.6	31.0
61	25.7	20.0	30.0

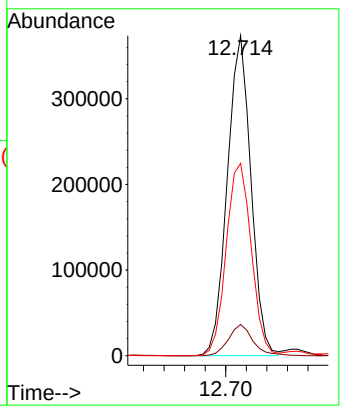




#75
1,1,2,2-Tetrachloroethane
Concen: 148.312 ug/l
RT: 12.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 83 Resp: 59828

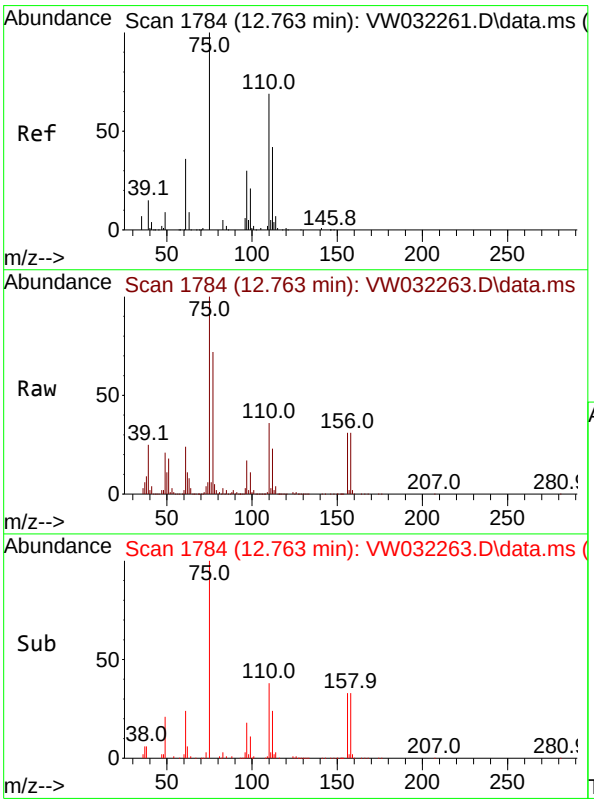
Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	63.8	31.9	95.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

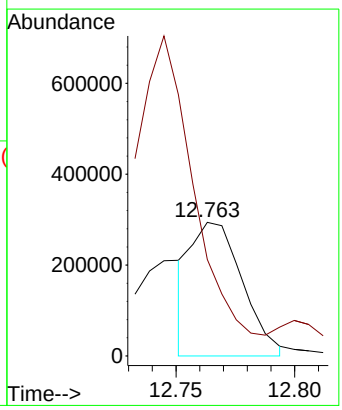
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

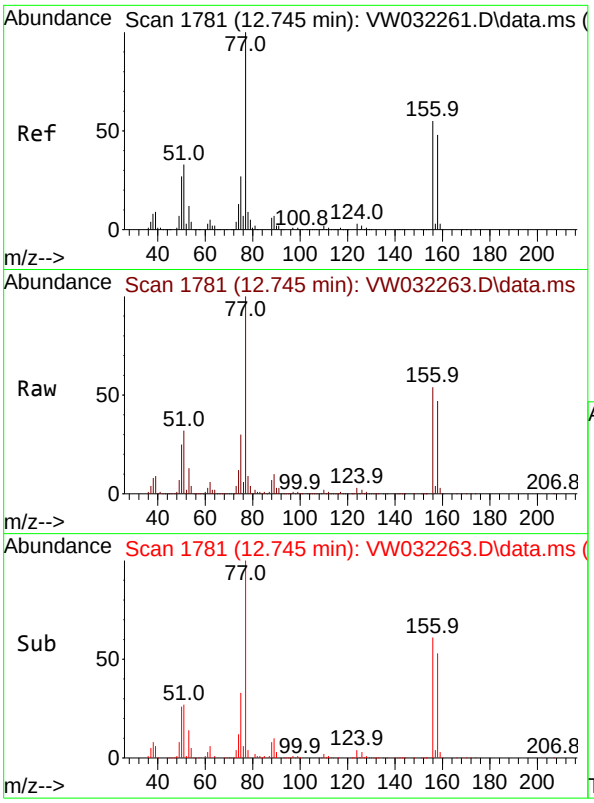


#76
1,2,3-Trichloropropane
Concen: 127.785 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 75 Resp: 444249

Ion	Ratio	Lower	Upper
75	100		
77	290.1	140.9	422.7

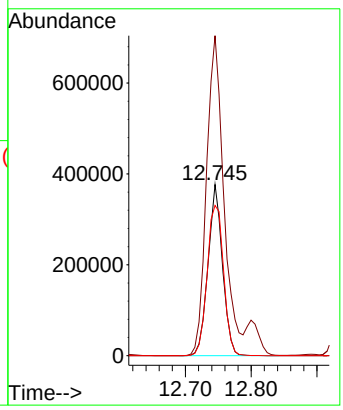




#77
Bromobenzene
Concen: 152.279 ug/l
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:156 Resp: 57626

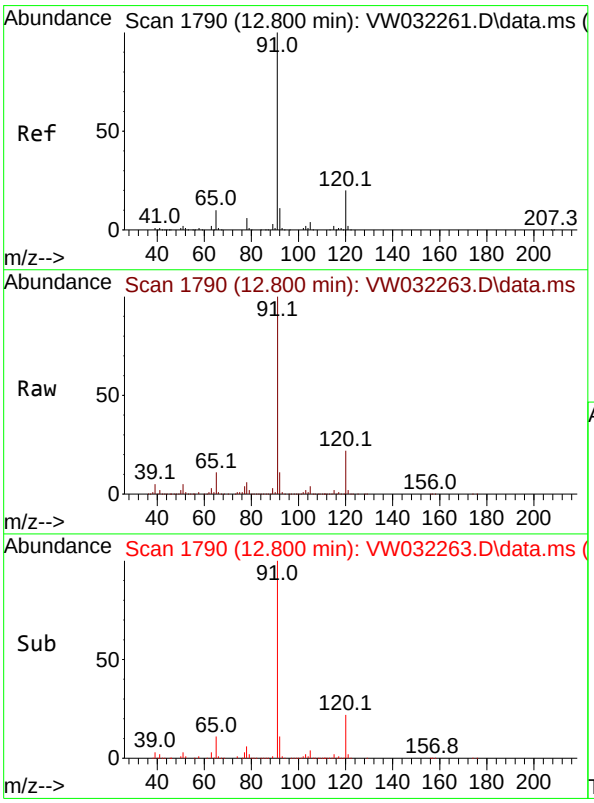
Ion	Ratio	Lower	Upper
156	100		
77	223.7	103.3	309.8
158	100.0	45.4	136.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

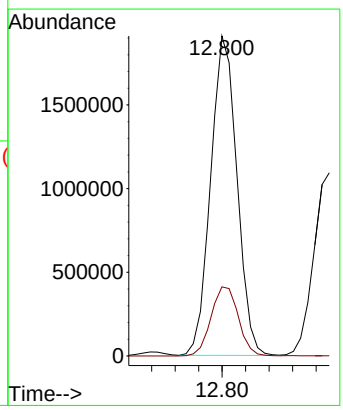
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

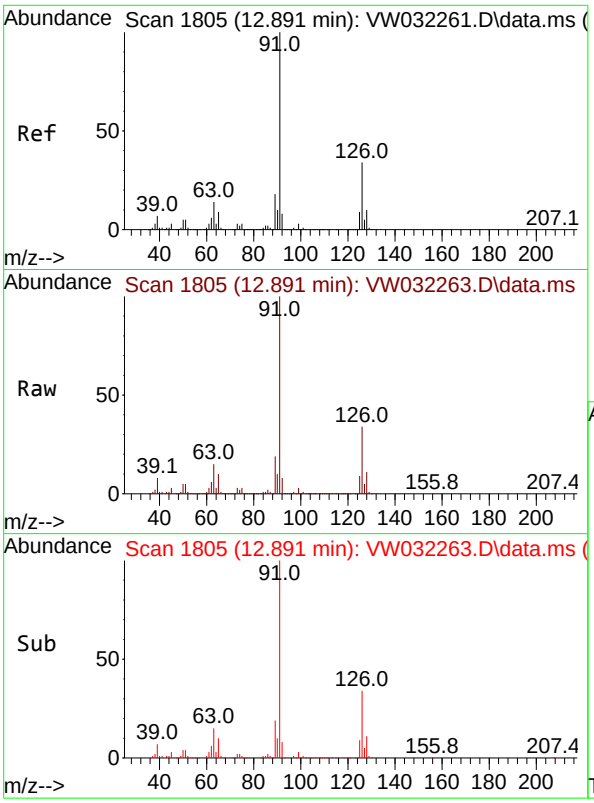


#78
n-propylbenzene
Concen: 153.818 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 91 Resp: 2972678

Ion	Ratio	Lower	Upper
91	100		
120	22.6	10.9	32.9

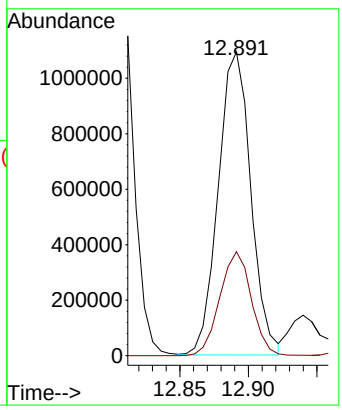




#79
2-Chlorotoluene
Concen: 154.293 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 91 Resp: 180632

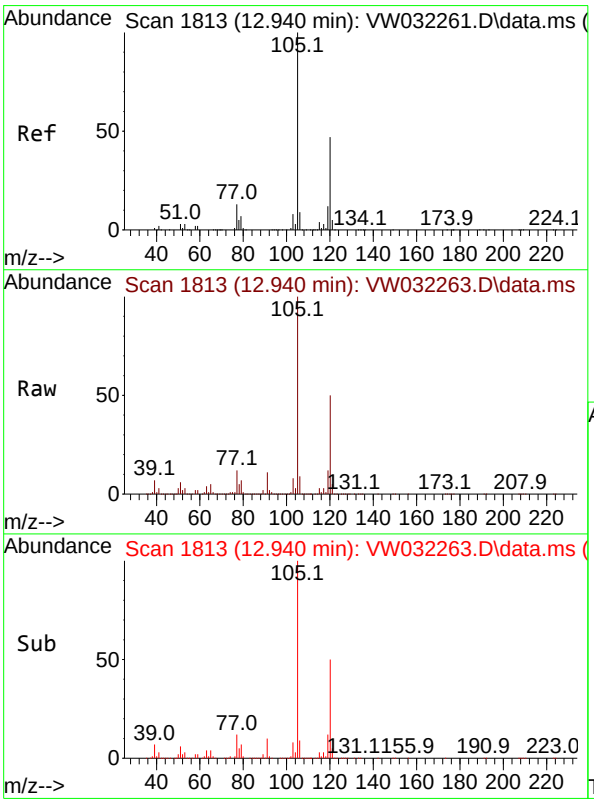
Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.3	48.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

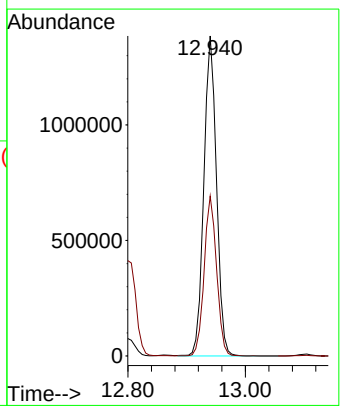
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

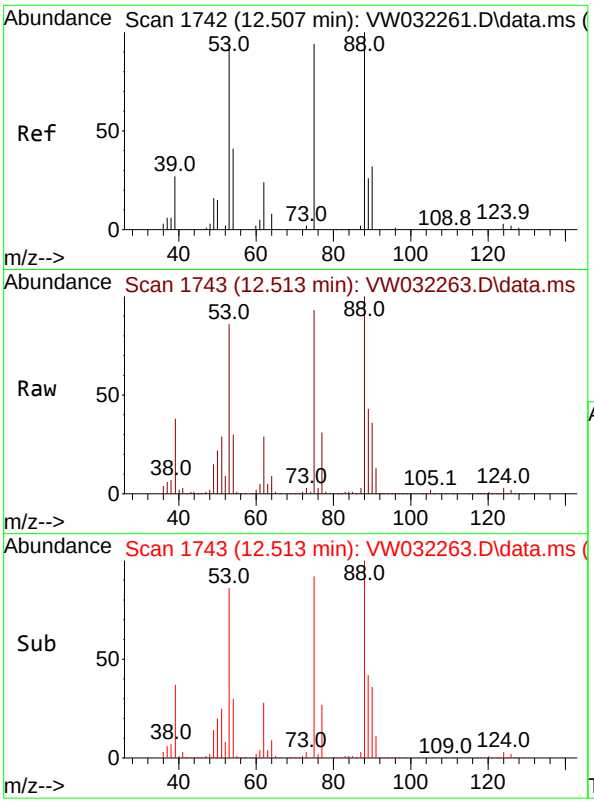


#80
1,3,5-Trimethylbenzene
Concen: 157.118 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:105 Resp: 2066765

Ion	Ratio	Lower	Upper
105	100		
120	49.4	24.1	72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 178.617 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

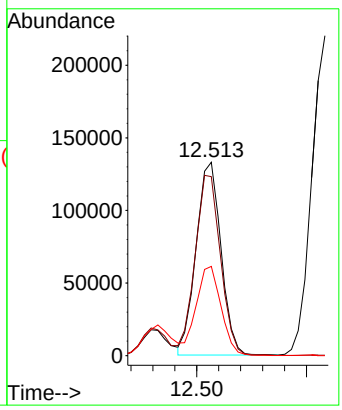
Tgt Ion: 75 Resp: 20913

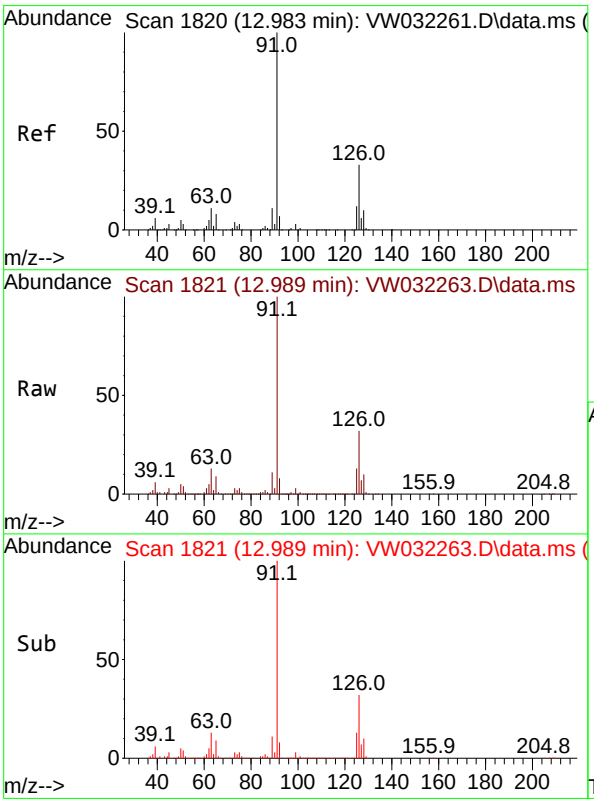
Ion	Ratio	Lower	Upper
75	100		
53	96.9	81.4	122.2
89	47.0	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

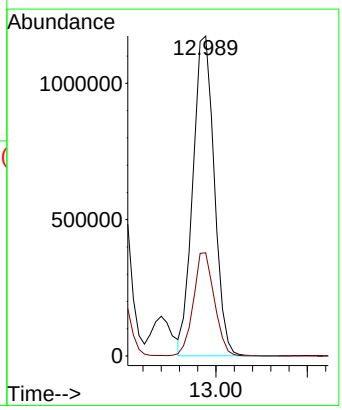


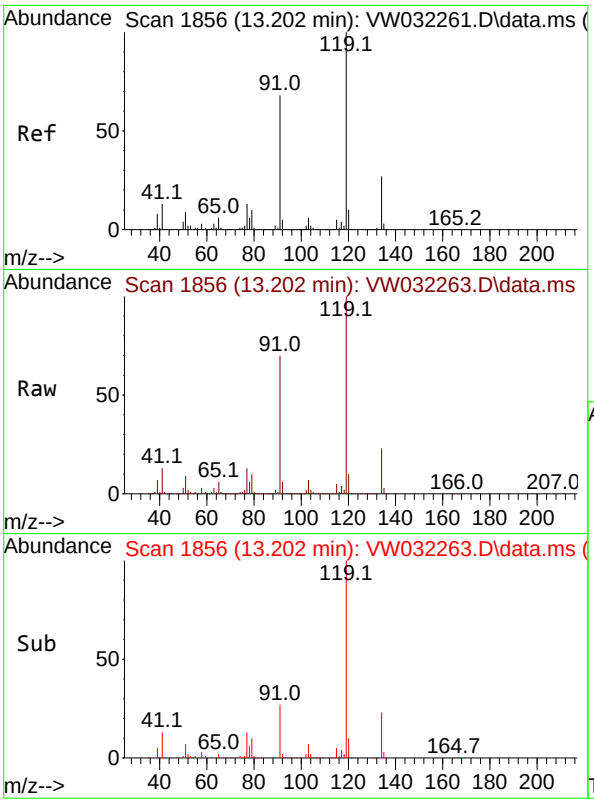


#82
4-Chlorotoluene
Concen: 153.811 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 91 Resp: 1903051

Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.5	49.5

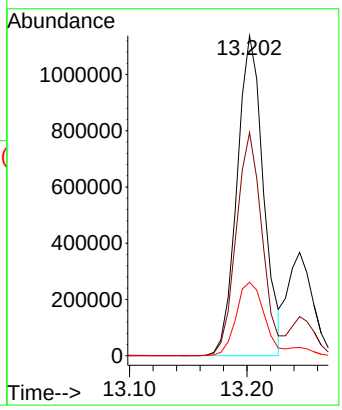




#83
tert-Butylbenzene
Concen: 161.195 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:119 Resp: 177331

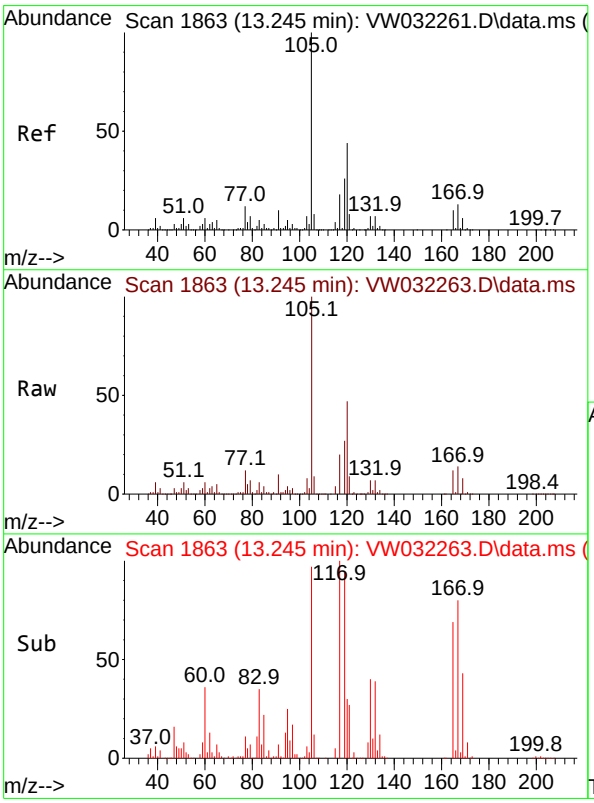
Ion	Ratio	Lower	Upper
119	100		
91	69.5	35.5	106.5
134	24.7	13.5	40.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

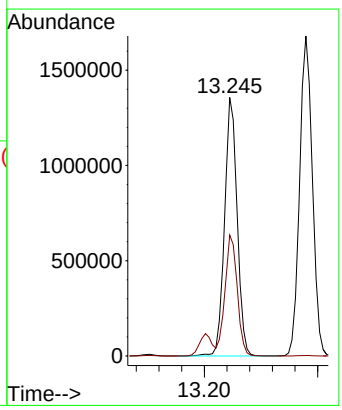
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

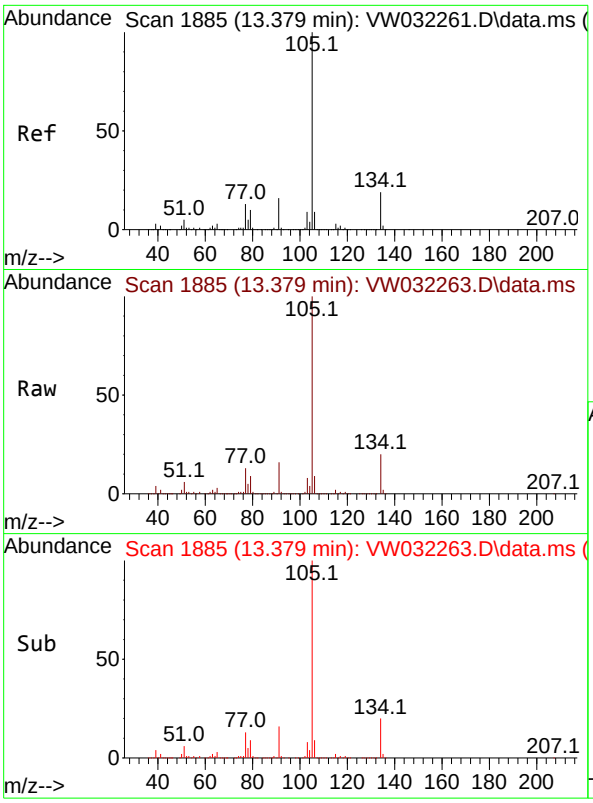


#84
1,2,4-Trimethylbenzene
Concen: 155.710 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:105 Resp: 2079611

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.8	68.3

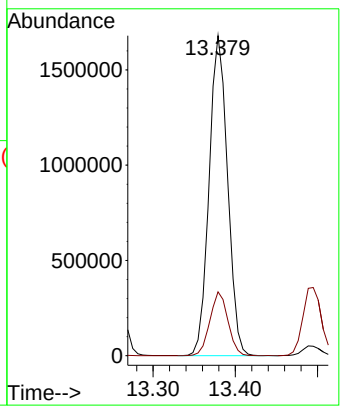




#85
sec-Butylbenzene
Concen: 158.526 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:105 Resp: 261883

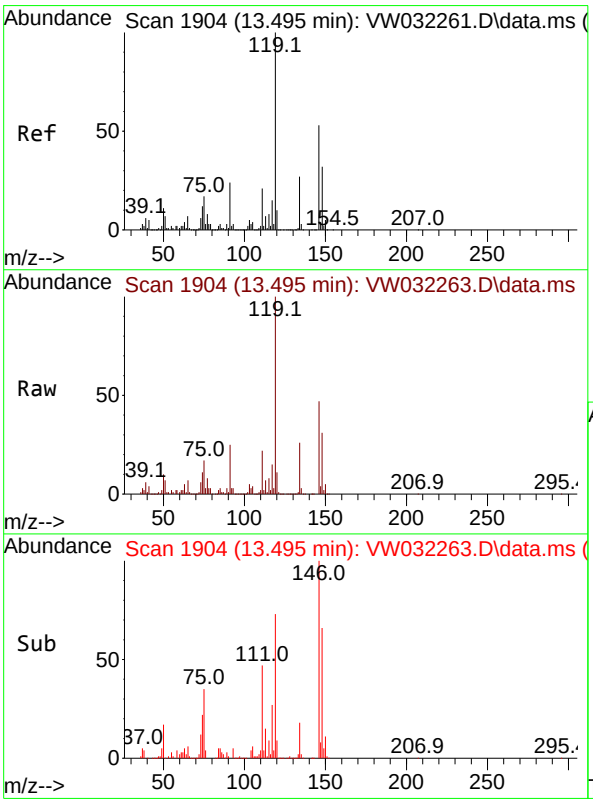
Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

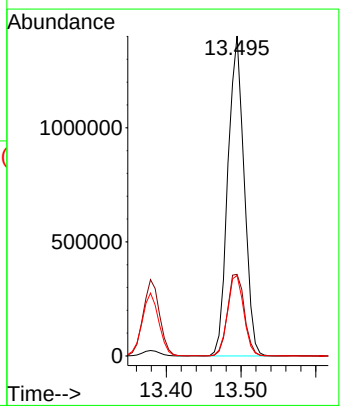
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

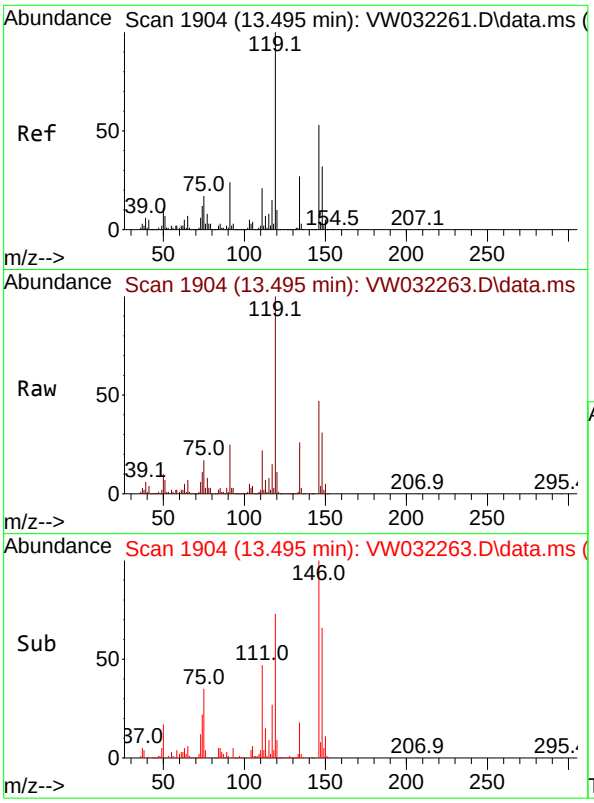


#86
p-Isopropyltoluene
Concen: 154.791 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:119 Resp: 2117769

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.5	37.5
91	25.2	12.1	36.3

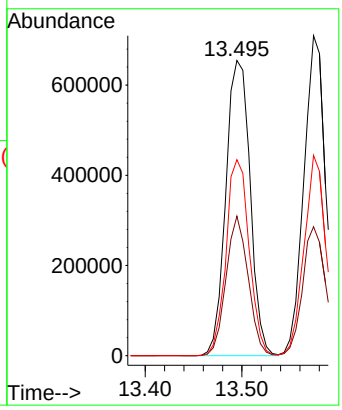




#87
1,3-Dichlorobenzene
Concen: 152.522 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:146 Resp: 114169

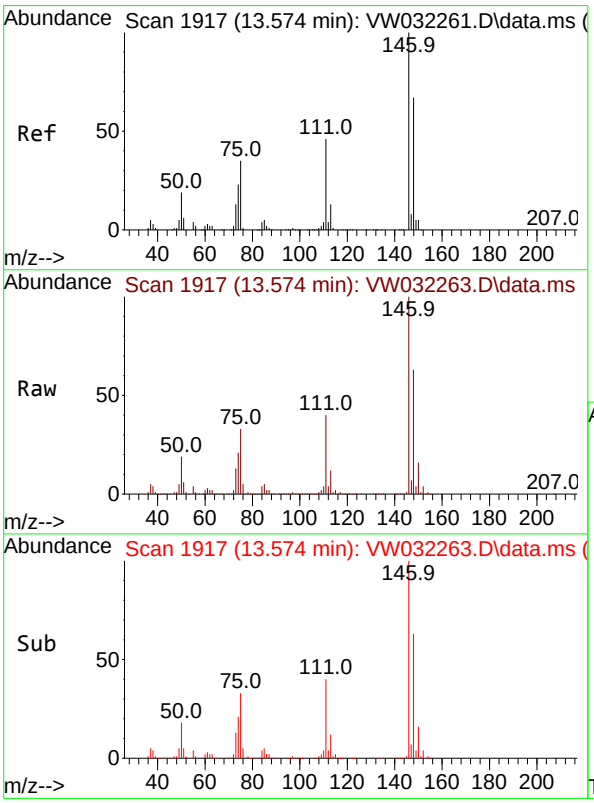
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.9	65.5
148	63.2	31.9	95.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

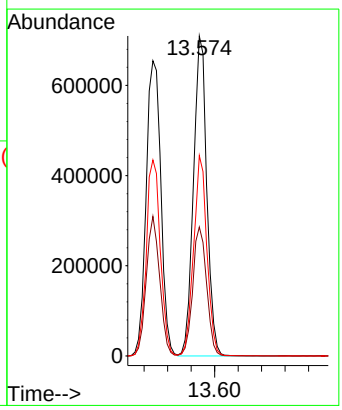
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

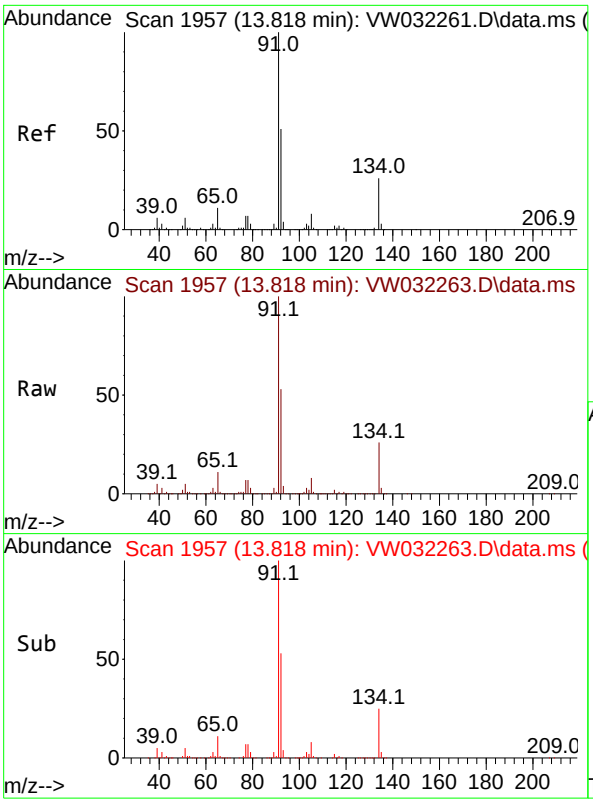


#88
1,4-Dichlorobenzene
Concen: 146.119 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:146 Resp: 1117378

Ion	Ratio	Lower	Upper
146	100		
111	42.0	22.4	67.2
148	62.4	34.4	103.1

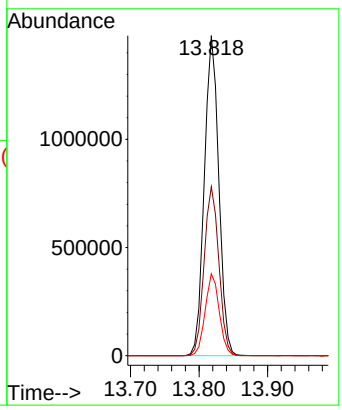




#89
n-Butylbenzene
Concen: 158.280 ug/l
RT: 13.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 91 Resp: 217324

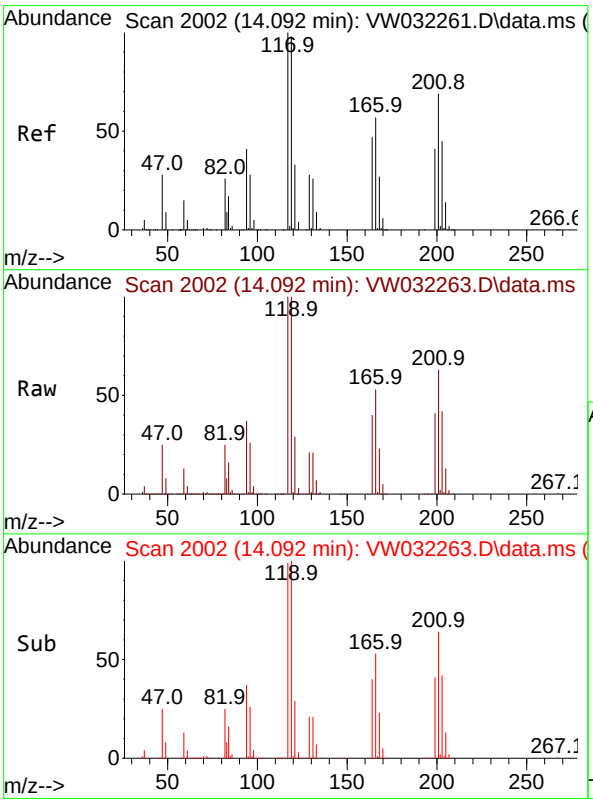
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.7	80.1
134	24.9	12.3	36.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

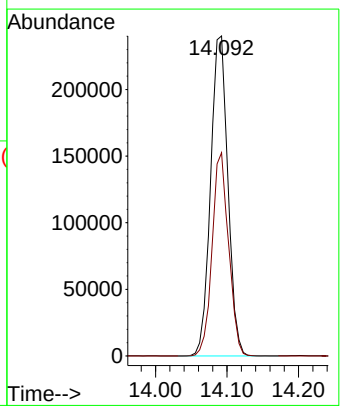
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

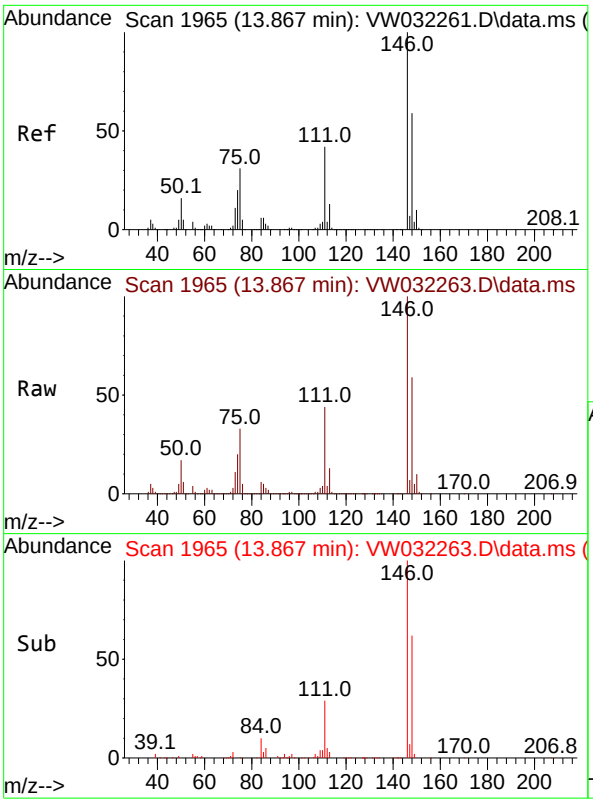


#90
Hexachloroethane
Concen: 158.088 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:117 Resp: 403116

Ion	Ratio	Lower	Upper
117	100		
201	60.5	31.4	94.0

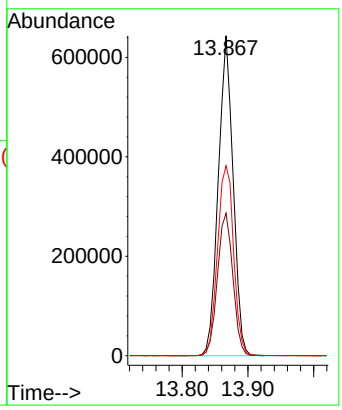




#91
1,2-Dichlorobenzene
Concen: 144.291 ug/l
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:146 Resp: 101037

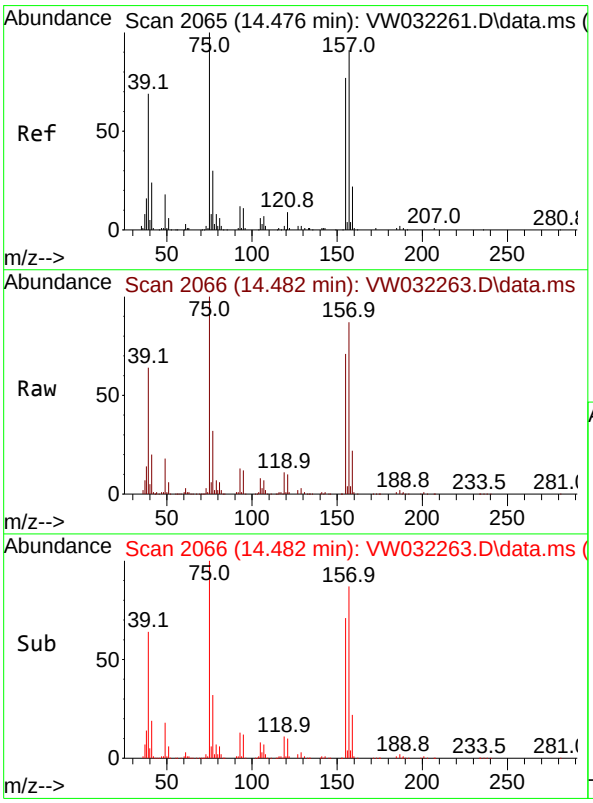
Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.9	65.8
148	64.3	31.9	95.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

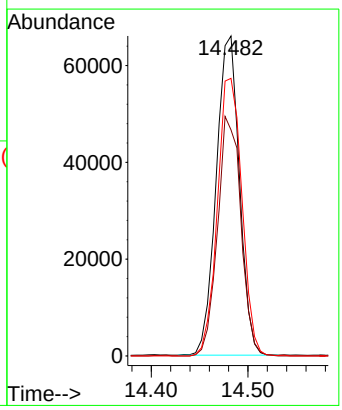
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

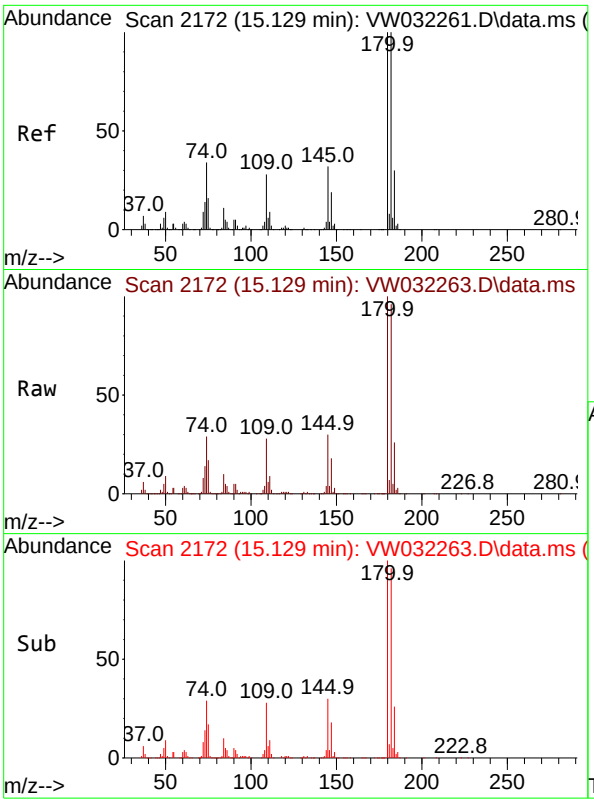


#92
1,2-Dibromo-3-Chloropropane
Concen: 159.151 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion: 75 Resp: 109812

Ion	Ratio	Lower	Upper
75	100		
155	75.5	38.2	114.6
157	91.8	47.0	141.0

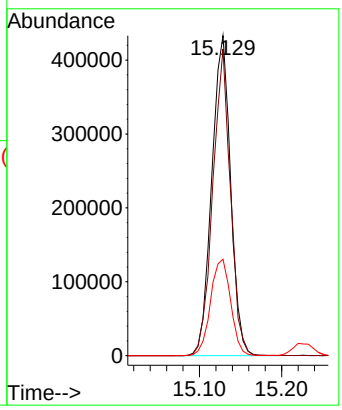




#93
1,2,4-Trichlorobenzene
Concen: 165.278 ug/l
RT: 15.129 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:180 Resp: 68660

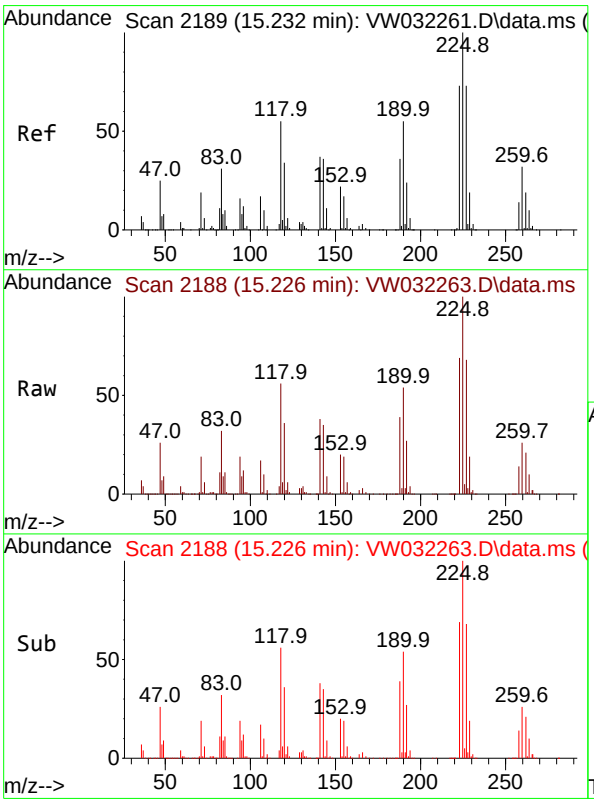
Ion	Ratio	Lower	Upper
180	100		
182	90.3	48.4	145.3
145	32.5	16.9	50.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

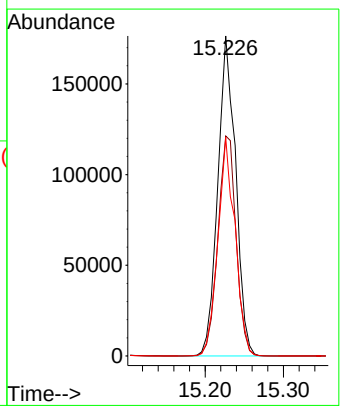
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

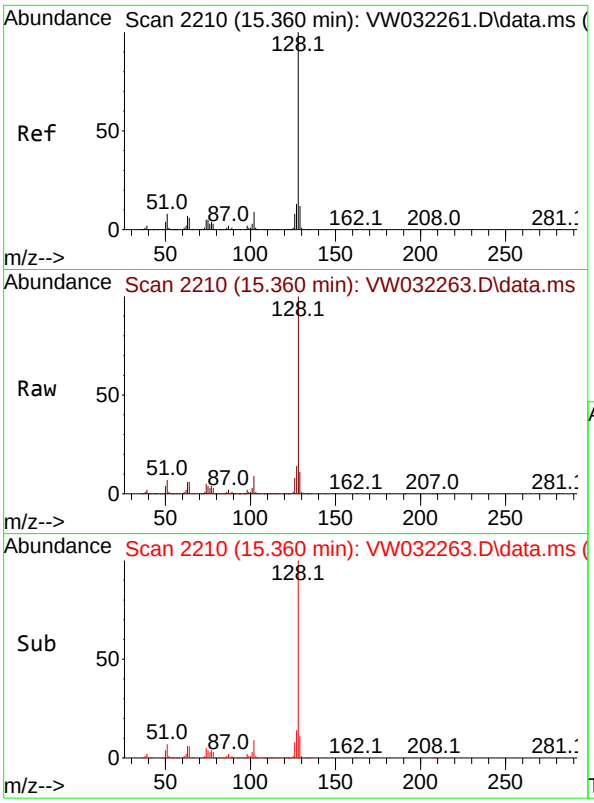


#94
Hexachlorobutadiene
Concen: 146.692 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:225 Resp: 279873

Ion	Ratio	Lower	Upper
225	100		
223	70.0	36.4	109.2
227	65.9	36.4	109.2

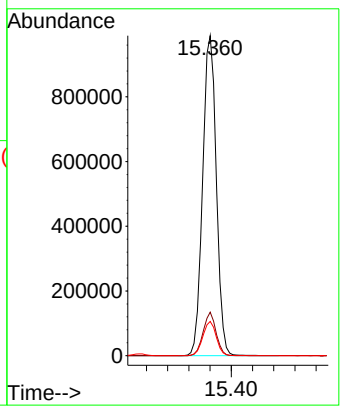




#95
Naphthalene
Concen: 177.236 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:128 Resp: 176714

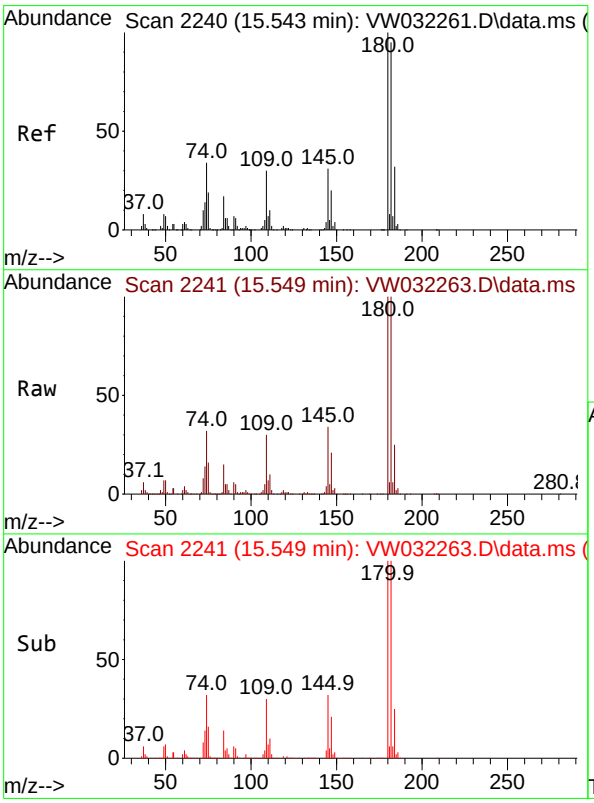
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.5	9.0	13.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

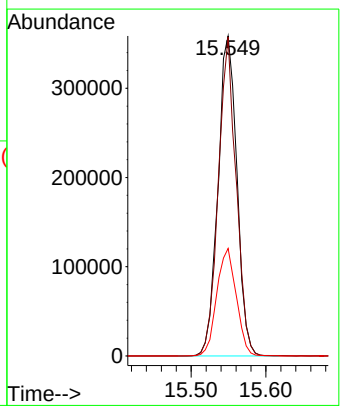
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 163.575 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032263.D
Acq: 25 Sep 2025 13:08

Tgt Ion:180 Resp: 631845

Ion	Ratio	Lower	Upper
180	100		
182	94.1	45.5	136.4
145	34.7	18.1	54.1



Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.959	168	275381	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.849	114	493743	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.635	117	451873	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222449	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	192251	44.214	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	88.420%			
35) Dibromofluoromethane	7.898	113	160415	45.177	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	90.360%			
50) Toluene-d8	10.324	98	599404	46.839	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	93.680%			
62) 4-Bromofluorobenzene	12.617	95	224886	46.588	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	93.180%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.045	85	77331	40.645	ug/l		97
3) Chloromethane	2.253	50	115143	42.288	ug/l		93
4) Vinyl Chloride	2.405	62	142880	44.912	ug/l		99
5) Bromomethane	2.820	94	99519	45.811	ug/l		94
6) Chloroethane	2.972	64	98382	45.637	ug/l		98
7) Trichlorofluoromethane	3.301	101	101896	42.509	ug/l		100
8) Diethyl Ether	3.716	74	98989	43.674	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.100	101	138798	45.364	ug/l		98
10) Methyl Iodide	4.313	142	192131	46.427	ug/l		97
11) Tert butyl alcohol	5.216	59	70266	232.801	ug/l		99
12) 1,1-Dichloroethene	4.082	96	147736	45.171	ug/l		96
13) Acrolein	3.929	56	118579	220.732	ug/l		94
14) Allyl chloride	4.703	41	238823	47.051	ug/l		99
15) Acrylonitrile	5.398	53	268385	229.914	ug/l		100
16) Acetone	4.161	43	275365	246.593	ug/l		99
17) Carbon Disulfide	4.417	76	341149	45.366	ug/l		99
18) Methyl Acetate	4.703	43	197694	51.476	ug/l		98
19) Methyl tert-butyl Ether	5.459	73	303552	50.070	ug/l		98
20) Methylene Chloride	4.947	84	175238	42.256	ug/l		98
21) trans-1,2-Dichloroethene	5.453	96	162872	46.181	ug/l		91
22) Diisopropyl ether	6.343	45	540578	47.929	ug/l		97
23) Vinyl Acetate	6.282	43	1729901	238.412	ug/l		99
24) 1,1-Dichloroethane	6.240	63	327611	46.013	ug/l		99
25) 2-Butanone	7.191	43	380974	244.766	ug/l		96
26) 2,2-Dichloropropane	7.191	77	165803	47.257	ug/l		99
27) cis-1,2-Dichloroethene	7.191	96	203186	46.321	ug/l		98
28) Bromochloromethane	7.532	49	157473	46.350	ug/l	#	98
29) Tetrahydrofuran	7.551	42	235105	232.669	ug/l		99
30) Chloroform	7.691	83	338340	45.544	ug/l		96
31) Cyclohexane	7.971	56	242682	43.225	ug/l		96
32) 1,1,1-Trichloroethane	7.886	97	230793	46.116	ug/l		99
36) 1,1-Dichloropropene	8.093	75	227191	47.457	ug/l		100
37) Ethyl Acetate	7.270	43	148163	46.666	ug/l		99
38) Carbon Tetrachloride	8.081	117	211869	47.040	ug/l		98
39) Methylcyclohexane	9.343	83	268585	48.487	ug/l		96
40) Benzene	8.331	78	707587	46.957	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.496	41	88790	48.829	ug/l		96
42) 1,2-Dichloroethane	8.410	62	234326	46.783	ug/l		99
43) Isopropyl Acetate	8.435	43	277465	48.820	ug/l		99
44) Trichloroethene	9.099	130	165536	46.998	ug/l		88
45) 1,2-Dichloropropane	9.373	63	179584	46.014	ug/l		99
46) Dibromomethane	9.465	93	111930	46.647	ug/l		98
47) Bromodichloromethane	9.648	83	254445	46.492	ug/l		100
48) Methyl methacrylate	9.440	41	134674	50.368	ug/l		98
49) 1,4-Dioxane	9.459	88	31181	970.255	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.215	43	818368	242.856	ug/l		99
52) Toluene	10.391	92	453815	48.589	ug/l		97
53) t-1,3-Dichloropropene	10.605	75	251526	50.162	ug/l		99
54) cis-1,3-Dichloropropene	10.074	75	282634	48.823	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	150225	45.866	ug/l		97
56) Ethyl methacrylate	10.648	69	217909	50.508	ug/l		98
57) 1,3-Dichloropropane	10.934	76	267442	47.265	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	630192	266.090	ug/l		99
59) 2-Hexanone	10.971	43	580772	252.380	ug/l		99
60) Dibromochloromethane	11.129	129	168649	46.885	ug/l		97
61) 1,2-Dibromoethane	11.233	107	146339	47.160	ug/l		96
64) Tetrachloroethene	10.867	164	135242	49.112	ug/l		95
65) Chlorobenzene	11.660	112	499921	48.030	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.727	131	163293	49.606	ug/l		97
67) Ethyl Benzene	11.733	91	856675	50.283	ug/l		100
68) m/p-Xylenes	11.836	106	661932	101.354	ug/l		94
69) o-Xylene	12.166	106	311812	50.802	ug/l		99
70) Styrene	12.178	104	561475	52.165	ug/l		99
71) Bromoform	12.348	173	92649	48.298	ug/l	#	96
73) Isopropylbenzene	12.464	105	813069	52.514	ug/l		98
74) N-amyl acetate	12.269	43	250576	51.392	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	198553	48.912	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	146151m	47.756	ug/l		
77) Bromobenzene	12.745	156	187660	49.278	ug/l		91
78) n-propylbenzene	12.800	91	1000306	51.435	ug/l		99
79) 2-Chlorotoluene	12.891	91	602382	51.132	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	673147	50.853	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.513	75	60514	51.360	ug/l		99
82) 4-Chlorotoluene	12.982	91	637484	51.201	ug/l		99
83) tert-Butylbenzene	13.196	119	576966	52.118	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	689694	51.317	ug/l		99
85) sec-Butylbenzene	13.379	105	883354	53.137	ug/l		99
86) p-Isopropyltoluene	13.495	119	738513	53.640	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	369709	49.081	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	385587	50.107	ug/l		94
89) n-Butylbenzene	13.818	91	717557	51.933	ug/l		98
90) Hexachloroethane	14.092	117	127284	49.603	ug/l		100
91) 1,2-Dichlorobenzene	13.866	146	338162	47.990	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	33822	48.711	ug/l		96
93) 1,2,4-Trichlorobenzene	15.128	180	208974	49.989	ug/l		99
94) Hexachlorobutadiene	15.226	225	92899	48.387	ug/l		87
95) Naphthalene	15.360	128	524950	52.320	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	198272	51.008	ug/l		99

ICAL Form

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

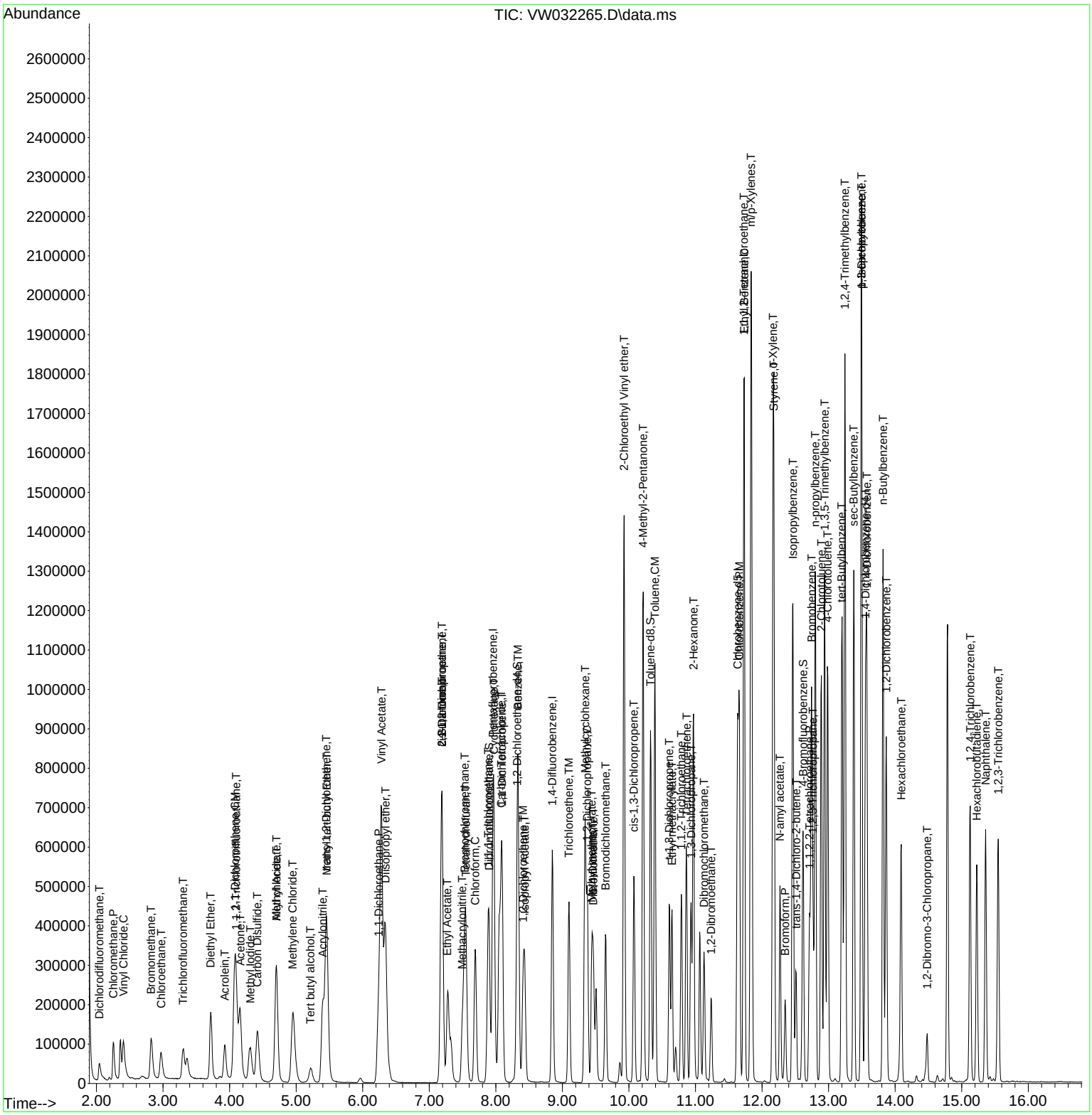
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

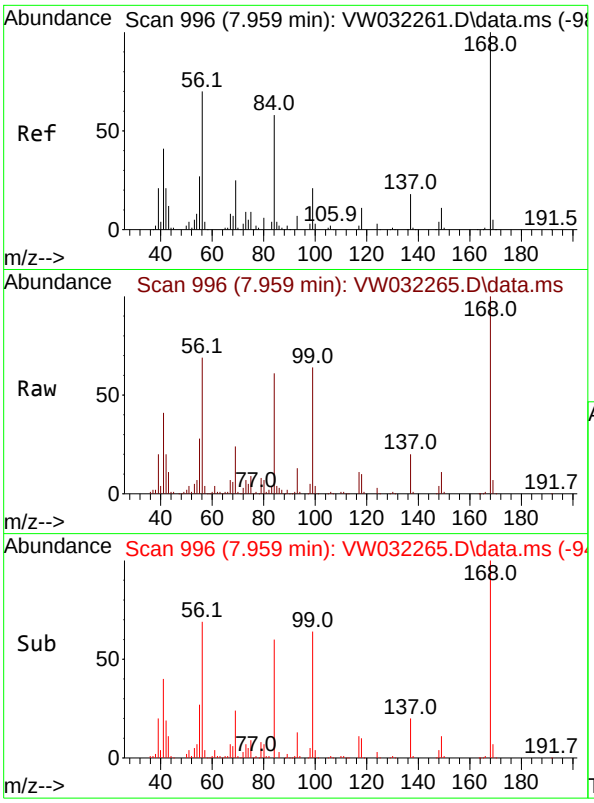
Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

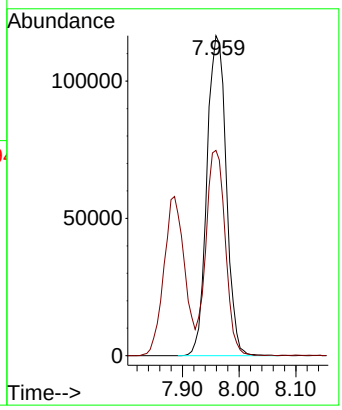




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:168 Resp: 27538

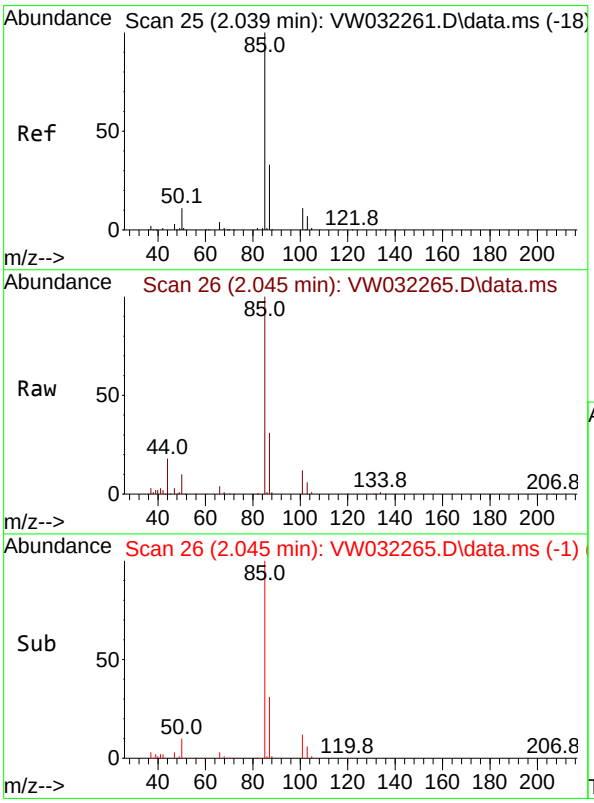
Ion	Ratio	Lower	Upper
168	100		
99	64.1	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

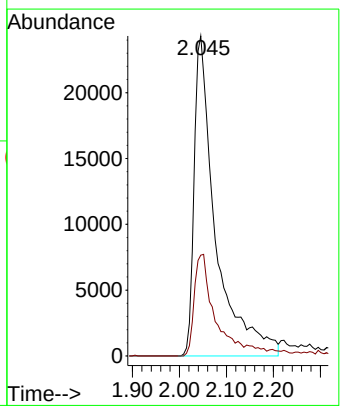
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

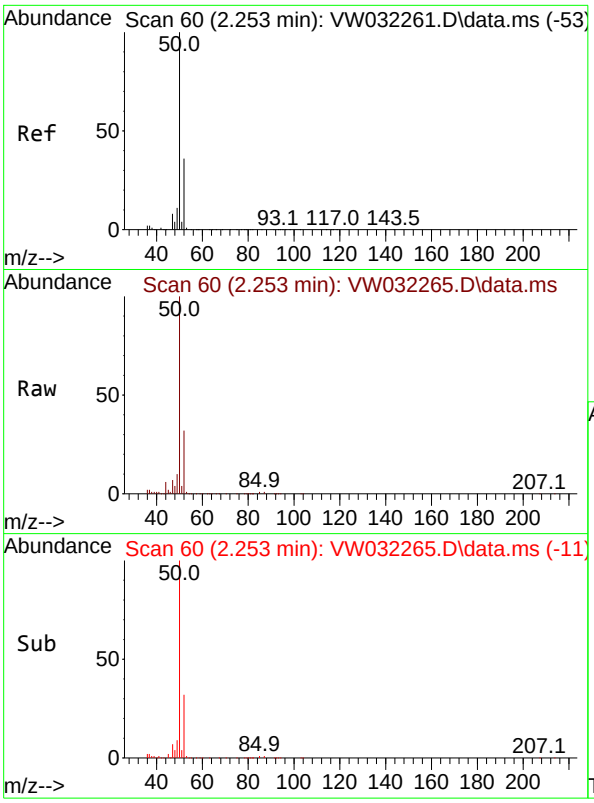


#2
Dichlorodifluoromethane
Concen: 40.645 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 85 Resp: 77331

Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.7	50.1

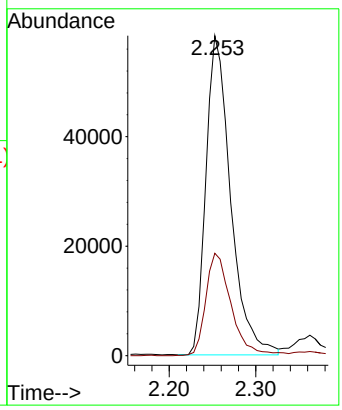




#3
Chloromethane
Concen: 42.288 ug/l
RT: 2.253 min Scan# 6
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 50 Resp: 11514

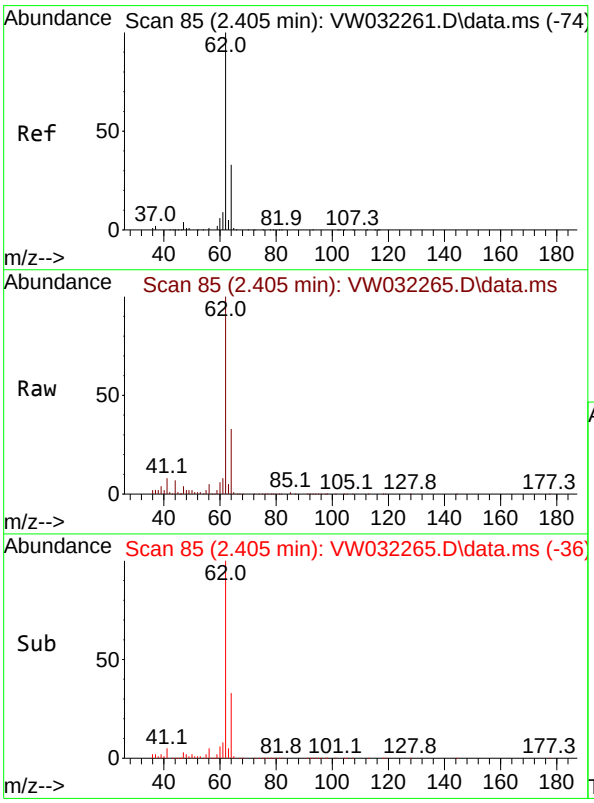
Ion	Ratio	Lower	Upper
50	100		
52	32.0	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

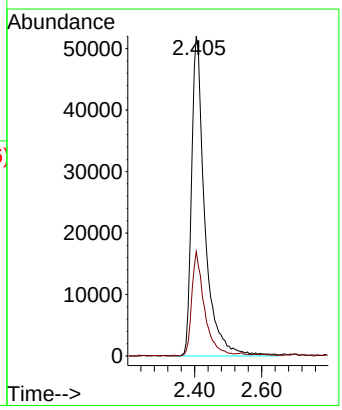
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

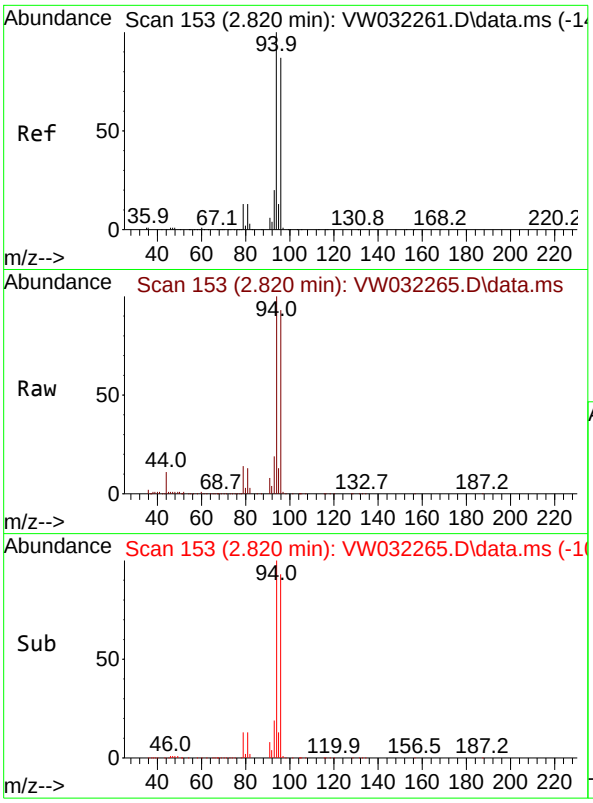


#4
Vinyl Chloride
Concen: 44.912 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 62 Resp: 142880

Ion	Ratio	Lower	Upper
62	100		
64	32.5	26.2	39.4

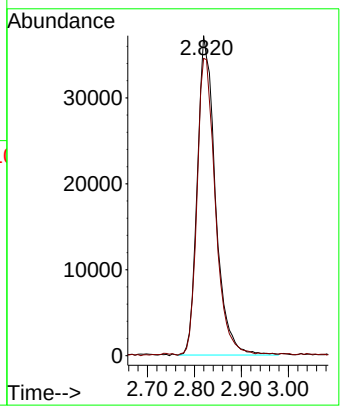




#5
Bromomethane
Concen: 45.811 ug/l
RT: 2.820 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 94 Resp: 9951

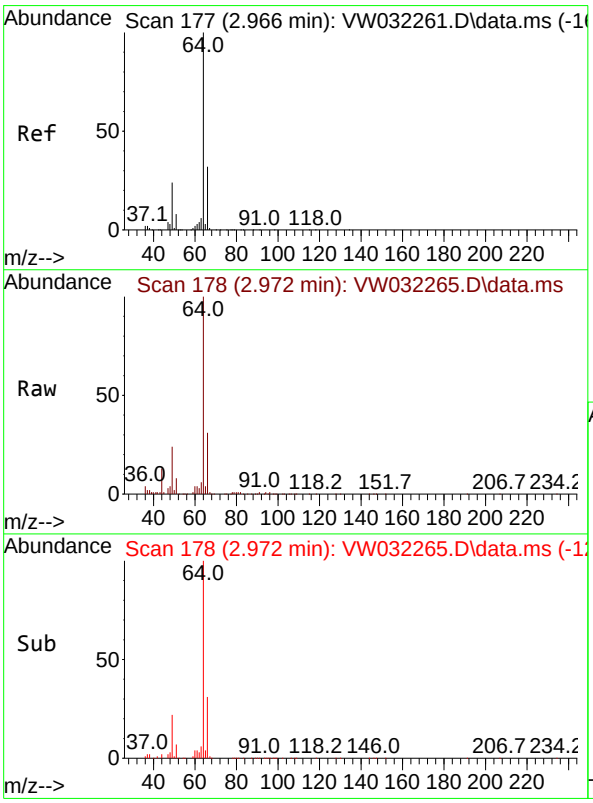
Ion	Ratio	Lower	Upper
94	100		
96	92.9	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
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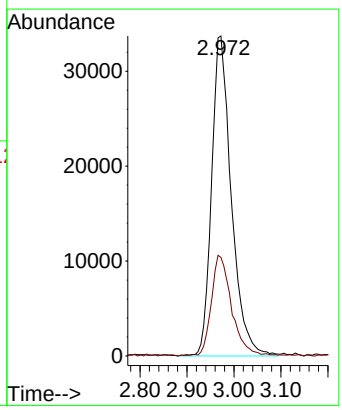
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

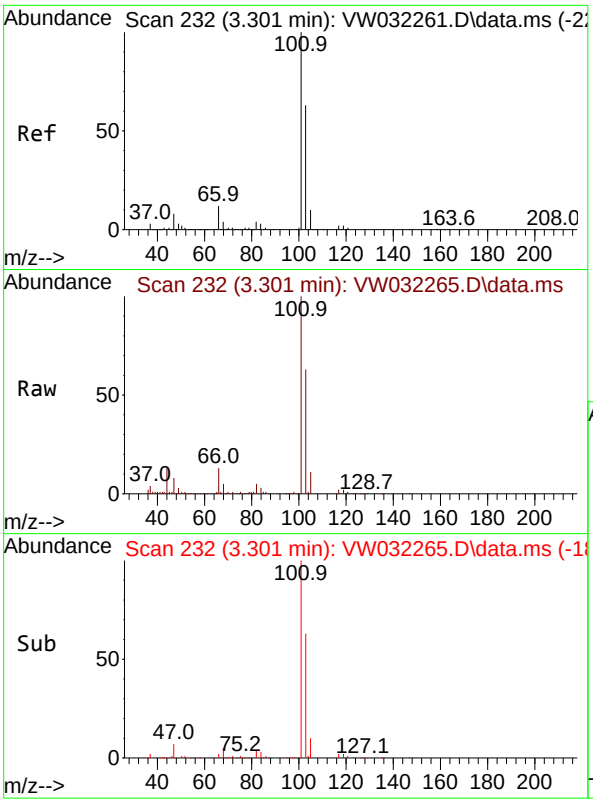


#6
Chloroethane
Concen: 45.637 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 64 Resp: 98382

Ion	Ratio	Lower	Upper
64	100		
66	30.8	25.5	38.3

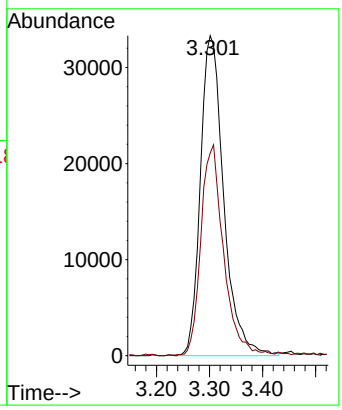




#7
Trichlorofluoromethane
Concen: 42.509 ug/l
RT: 3.301 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:101 Resp: 10189

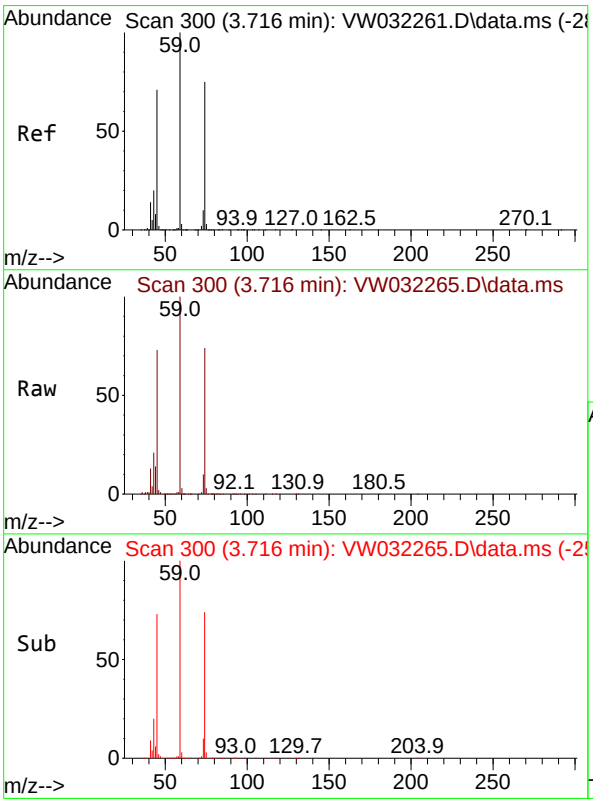
Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

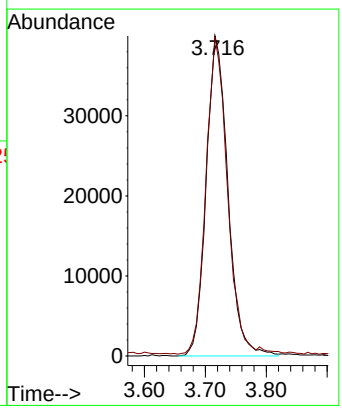
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

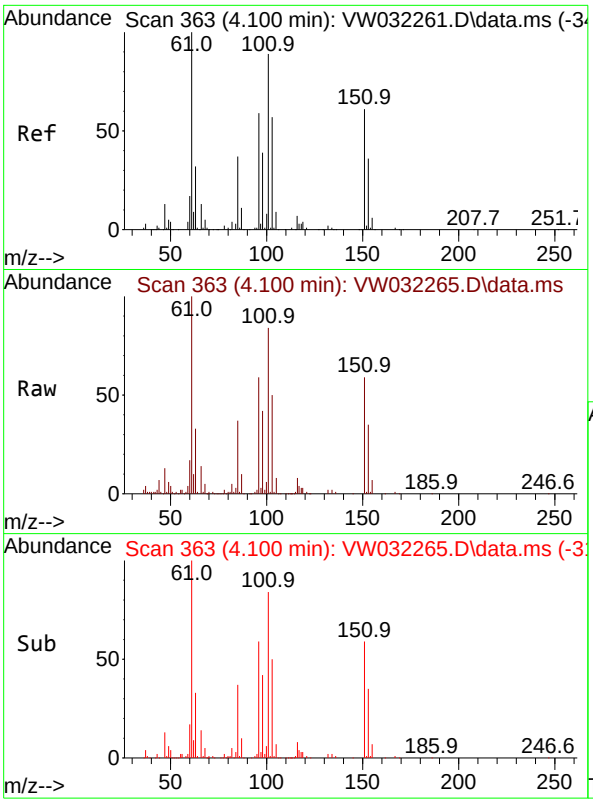


#8
Diethyl Ether
Concen: 43.674 ug/l
RT: 3.716 min Scan# 300
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 74 Resp: 98989

Ion	Ratio	Lower	Upper
74	100		
45	98.1	49.0	147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.364 ug/l
RT: 4.100 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

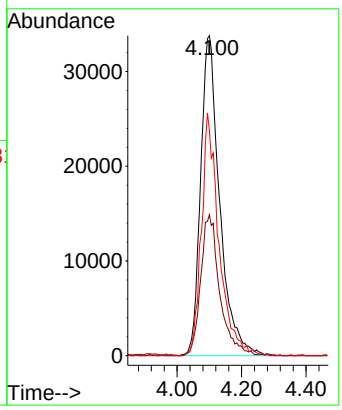
Tgt Ion:101 Resp: 13879

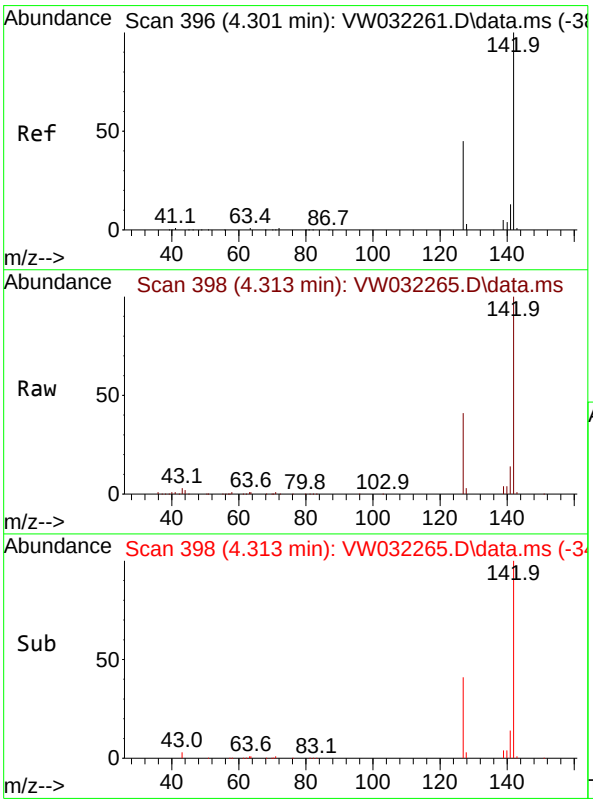
Ion	Ratio	Lower	Upper
101	100		
85	44.0	33.7	50.5
151	69.0	55.7	83.5

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

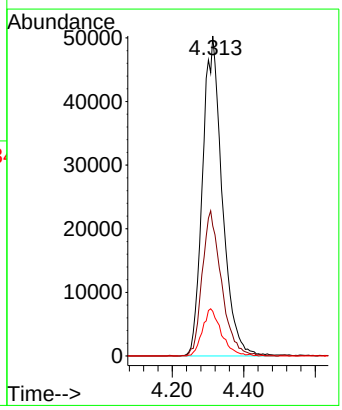


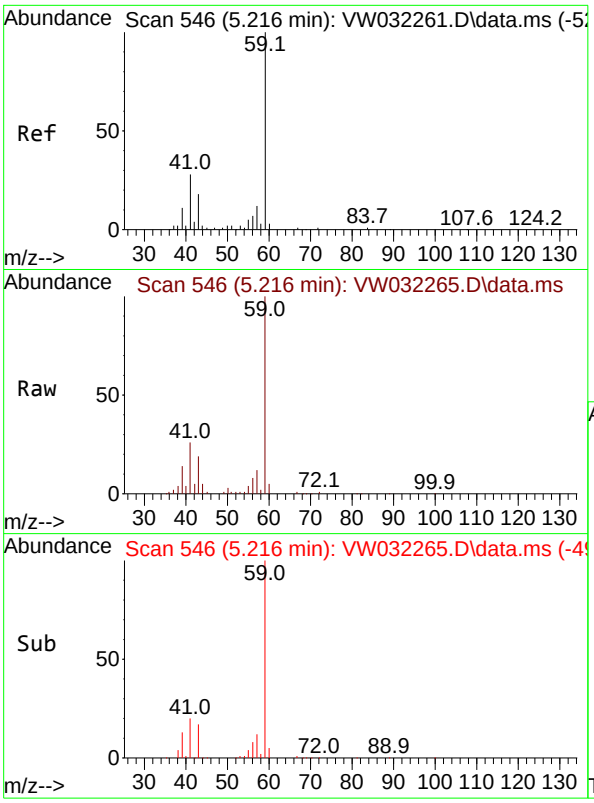


#10
Methyl Iodide
Concen: 46.427 ug/l
RT: 4.313 min Scan# 398
Delta R.T. 0.012 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:142 Resp: 192131

Ion	Ratio	Lower	Upper
142	100		
127	44.3	36.9	55.3
141	14.2	12.0	18.0

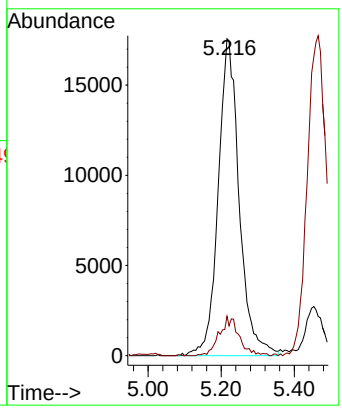




#11
Tert butyl alcohol
Concen: 232.801 ug/l
RT: 5.216 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 59 Resp: 7026

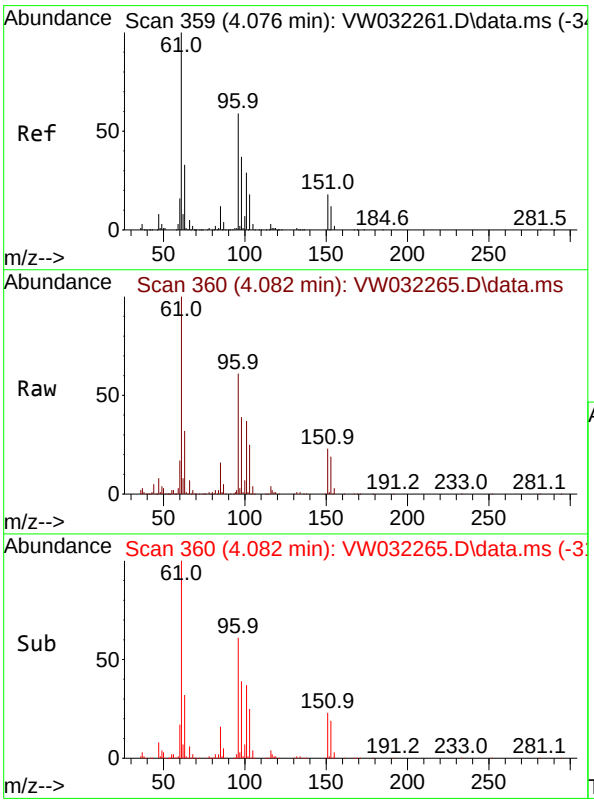
Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
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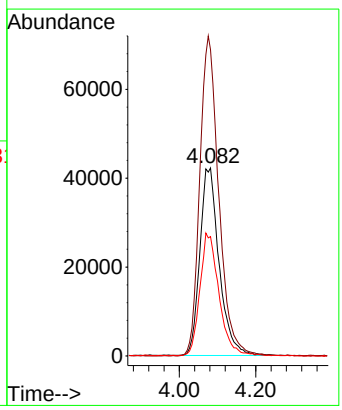
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

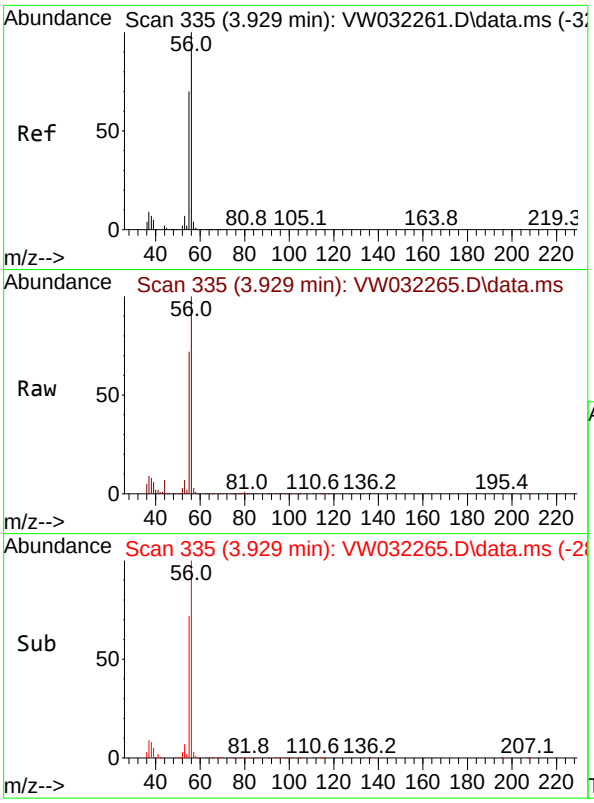


#12
1,1-Dichloroethene
Concen: 45.171 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 96 Resp: 147736

Ion	Ratio	Lower	Upper
96	100		
61	163.0	136.3	204.5
98	63.5	50.7	76.1

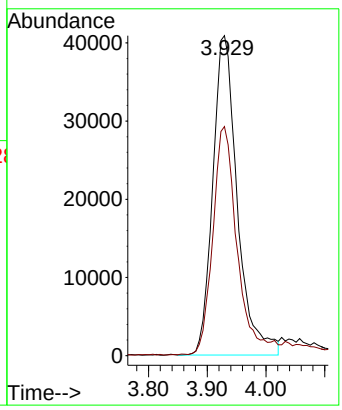




#13
Acrolein
Concen: 220.732 ug/l
RT: 3.929 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 56 Resp: 11857

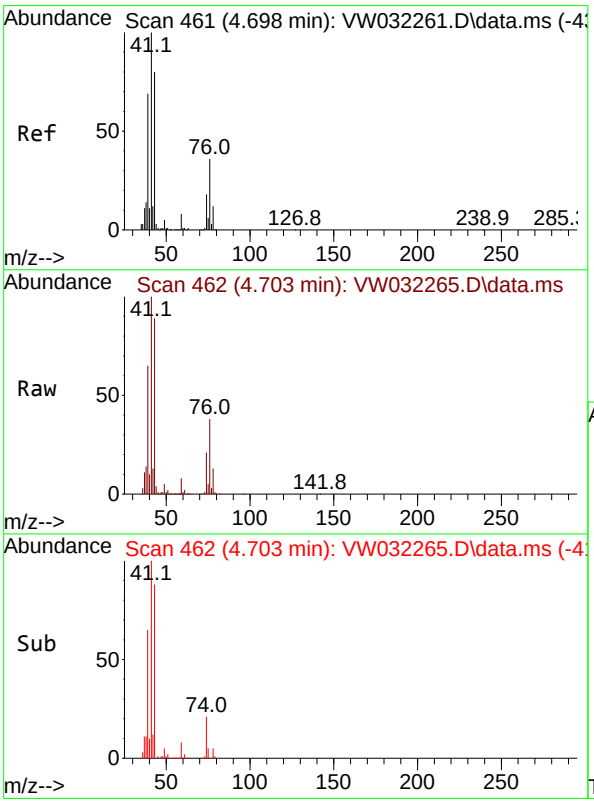
Ion	Ratio	Lower	Upper
56	100		
55	71.3	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

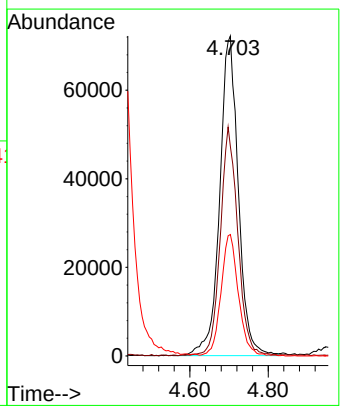
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

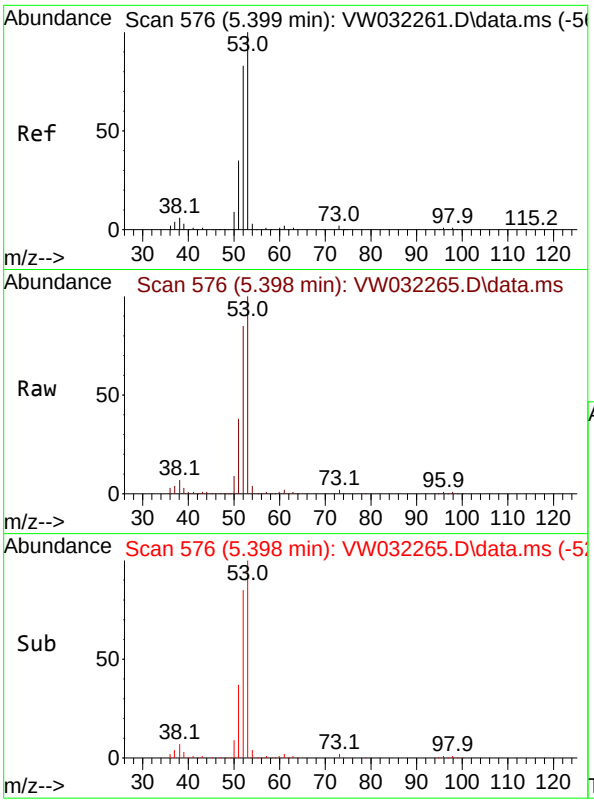


#14
Allyl chloride
Concen: 47.051 ug/l
RT: 4.703 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 41 Resp: 238823

Ion	Ratio	Lower	Upper
41	100		
39	66.9	54.3	81.5
76	35.7	28.7	43.1

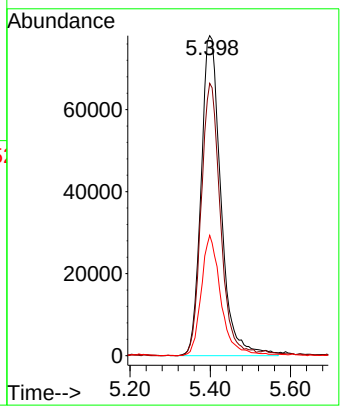




#15
Acrylonitrile
Concen: 229.914 ug/l
RT: 5.398 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 53 Resp: 26838

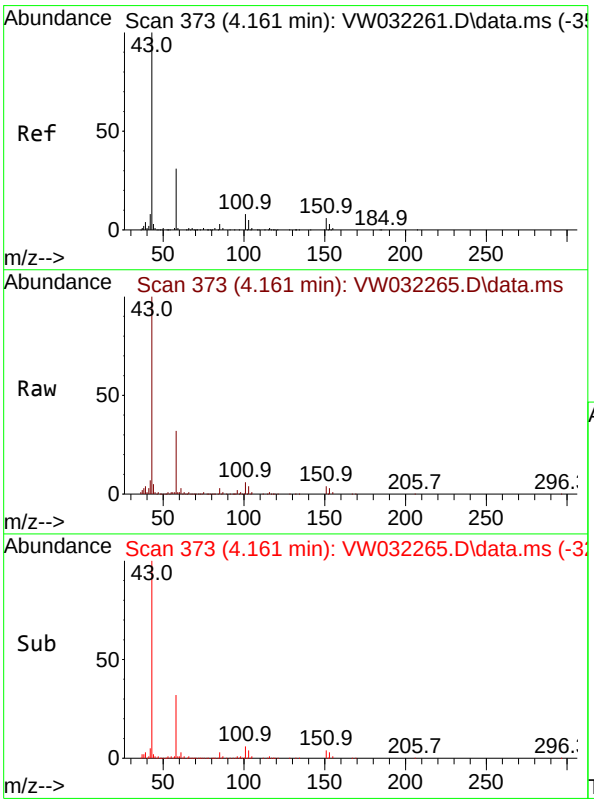
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.3	99.5
51	37.5	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

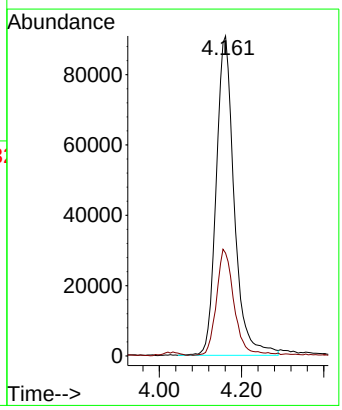
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

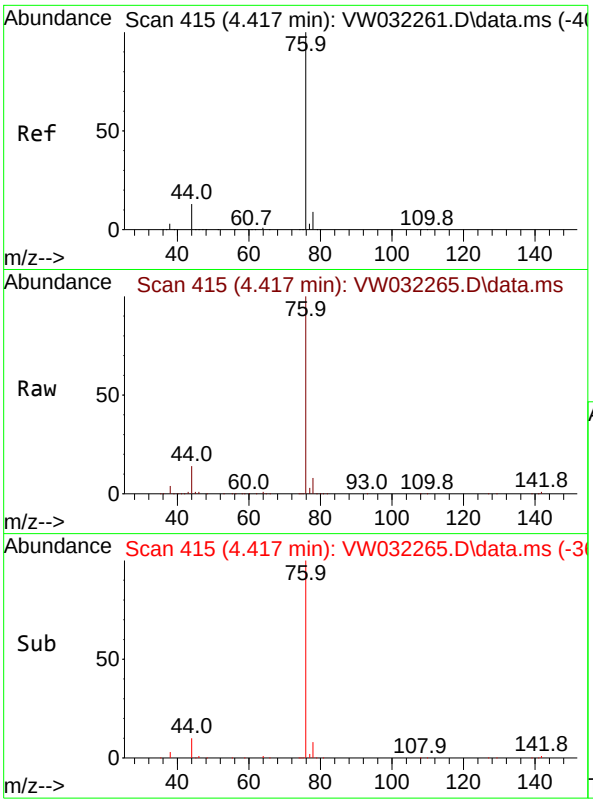


#16
Acetone
Concen: 246.593 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 275365

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.4	38.0

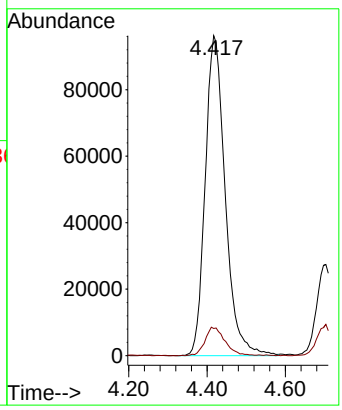




#17
Carbon Disulfide
Concen: 45.366 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 76 Resp: 34114

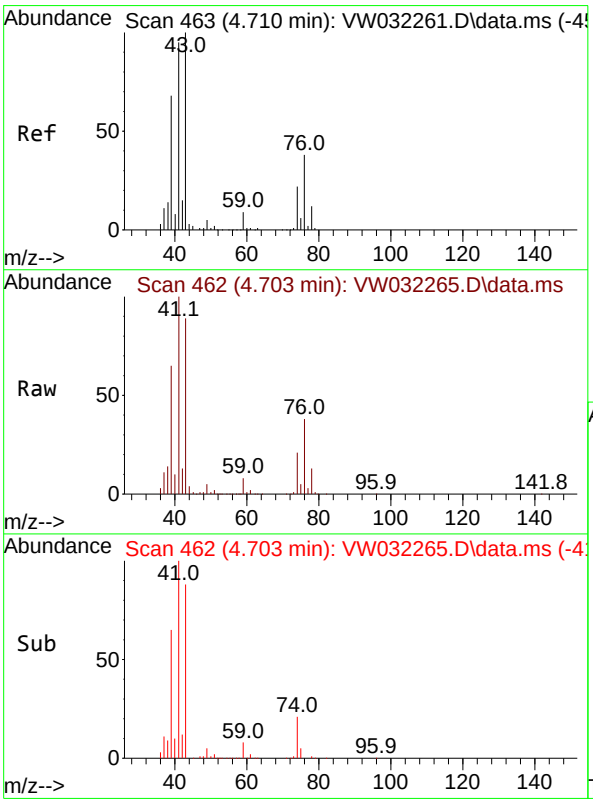
Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

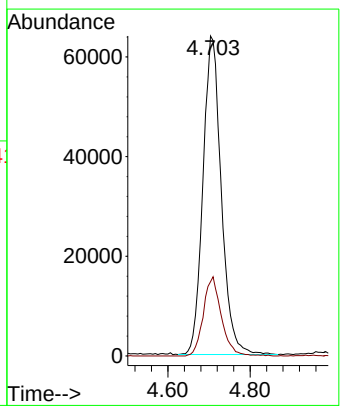
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

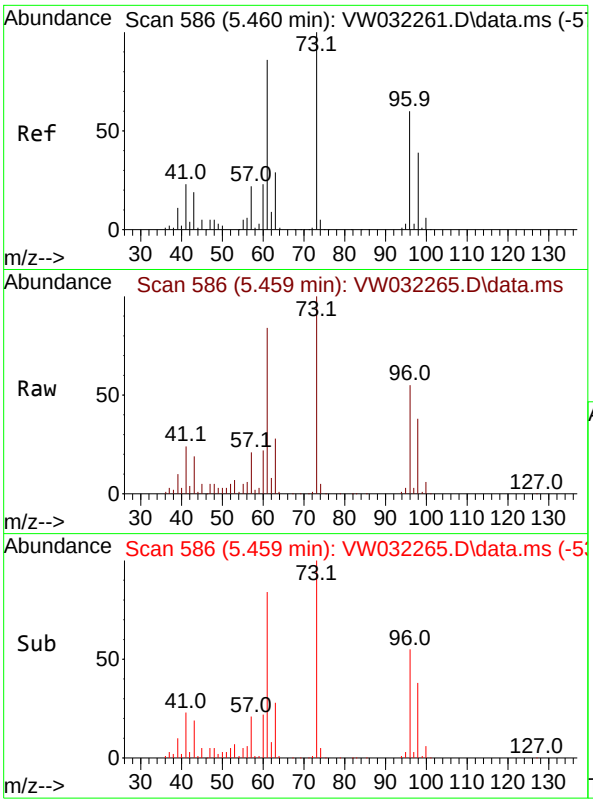


#18
Methyl Acetate
Concen: 51.476 ug/l
RT: 4.703 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 197694

Ion	Ratio	Lower	Upper
43	100		
74	24.5	18.8	28.2

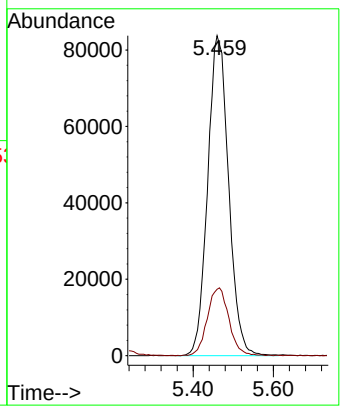




#19
Methyl tert-butyl Ether
Concen: 50.070 ug/l
RT: 5.459 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 73 Resp: 30355

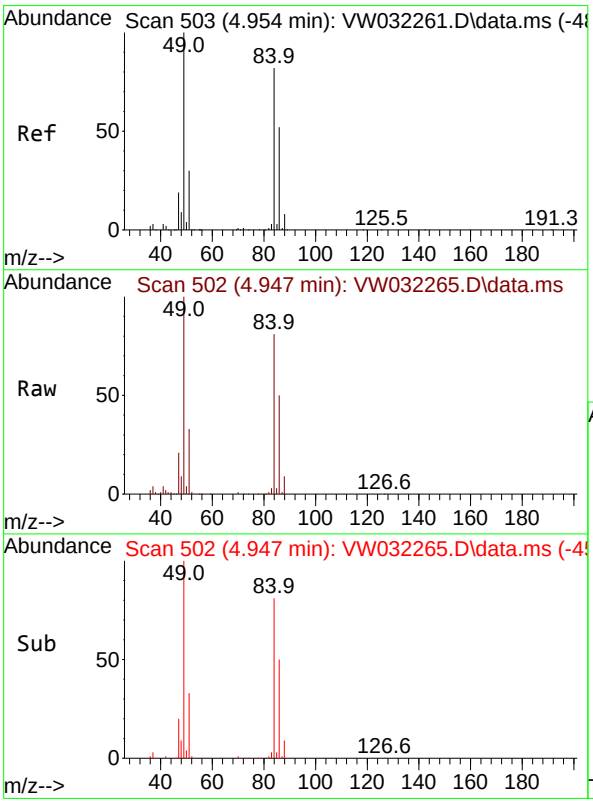
Ion	Ratio	Lower	Upper
73	100		
57	20.6	17.3	25.9



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

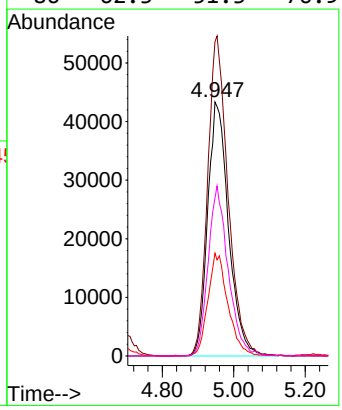
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

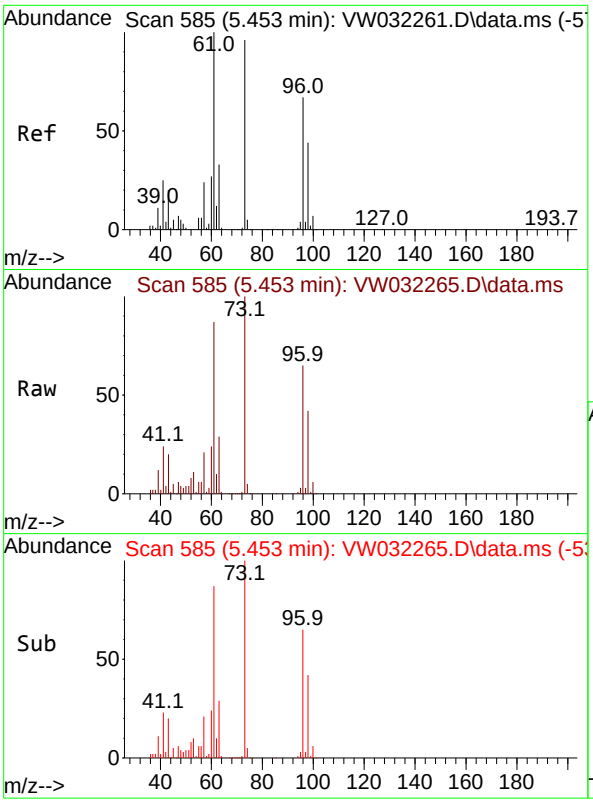


#20
Methylene Chloride
Concen: 42.256 ug/l
RT: 4.947 min Scan# 502
Delta R.T. -0.007 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 84 Resp: 175238

Ion	Ratio	Lower	Upper
84	100		
49	123.7	97.8	146.6
51	40.4	29.9	44.9
86	62.3	51.3	76.9

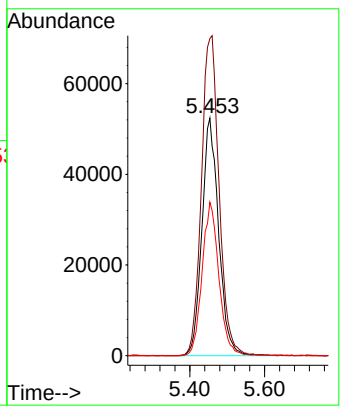




#21
trans-1,2-Dichloroethene
Concen: 46.181 ug/l
RT: 5.453 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 96 Resp: 16287

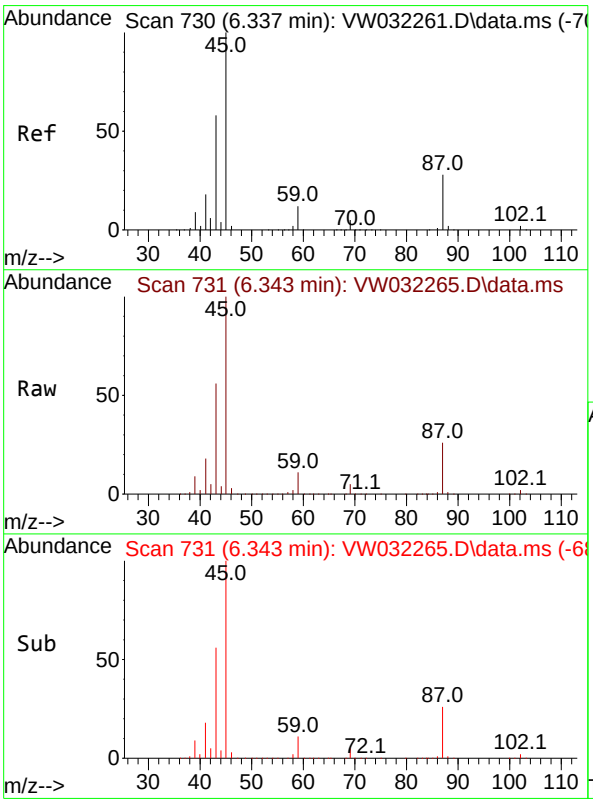
Ion	Ratio	Lower	Upper
96	100		
61	133.4	119.2	178.8
98	64.6	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

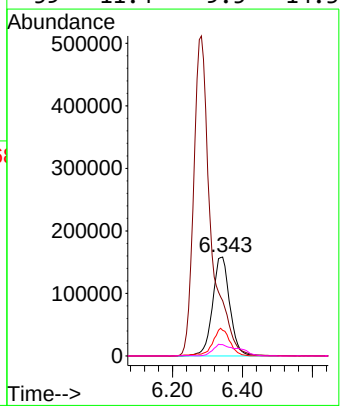
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

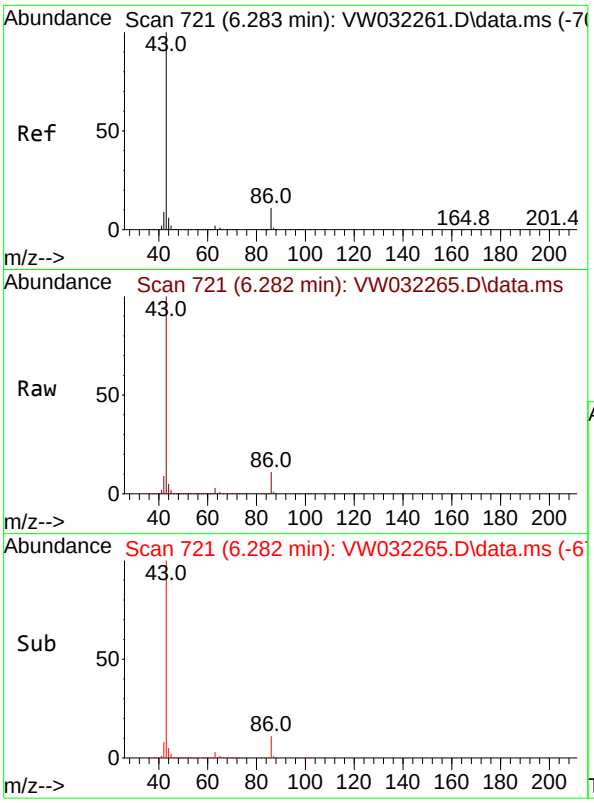


#22
Diisopropyl ether
Concen: 47.929 ug/l
RT: 6.343 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 45 Resp: 540578

Ion	Ratio	Lower	Upper
45	100		
43	55.5	46.2	69.4
87	25.8	22.2	33.2
59	11.4	9.5	14.3

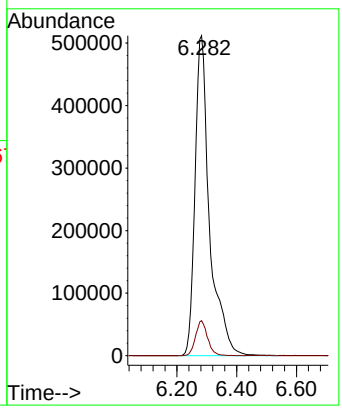




#23
Vinyl Acetate
Concen: 238.412 ug/l
RT: 6.282 min Scan# 7
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 172990

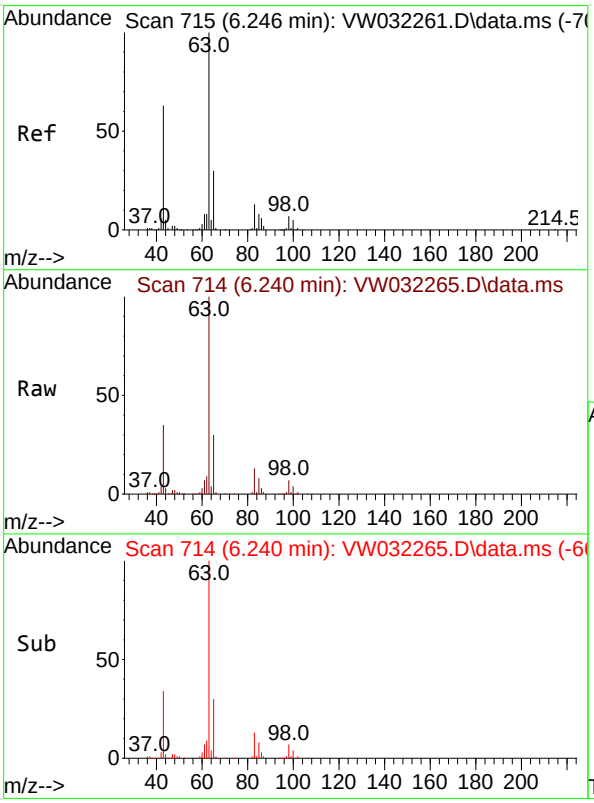
Ion	Ratio	Lower	Upper
43	100		
86	11.0	9.0	13.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

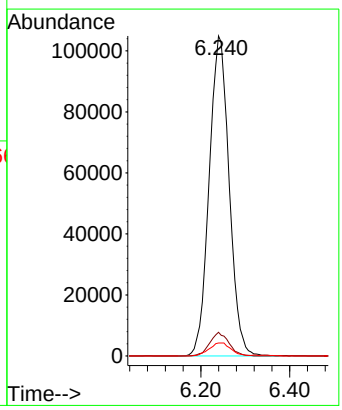
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

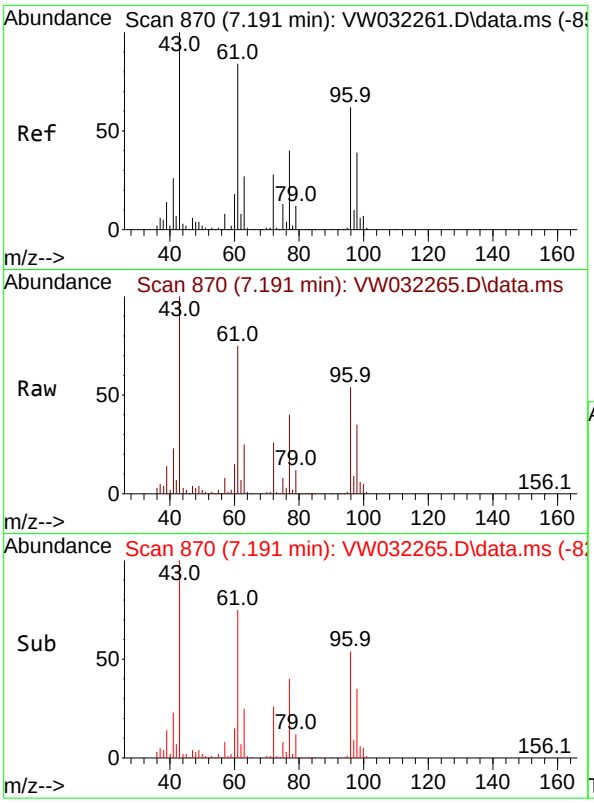


#24
1,1-Dichloroethane
Concen: 46.013 ug/l
RT: 6.240 min Scan# 714
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 63 Resp: 327611

Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.6	10.9
100	4.0	2.4	7.1

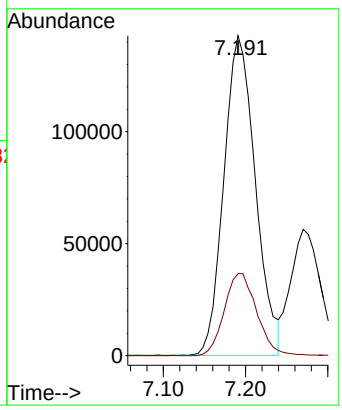




#25
2-Butanone
Concen: 244.766 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 38097

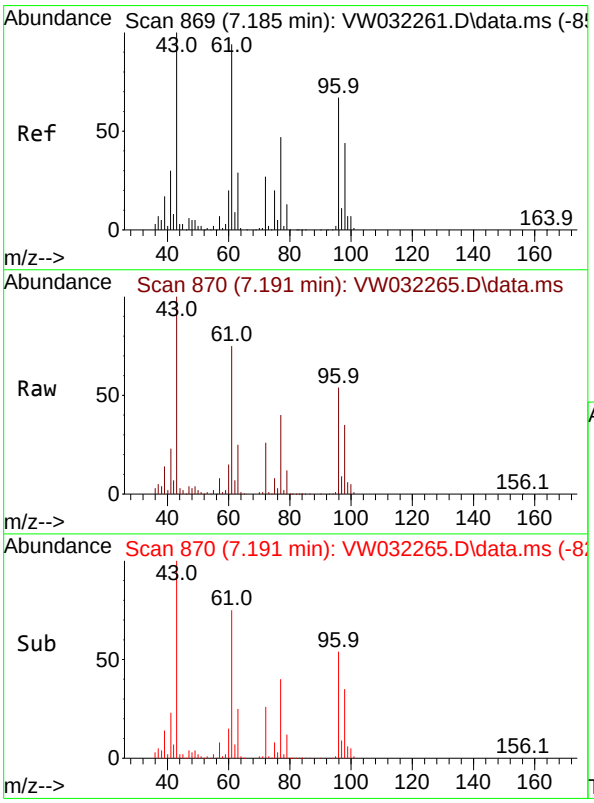
Ion	Ratio	Lower	Upper
43	100		
72	25.7	22.3	33.5



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

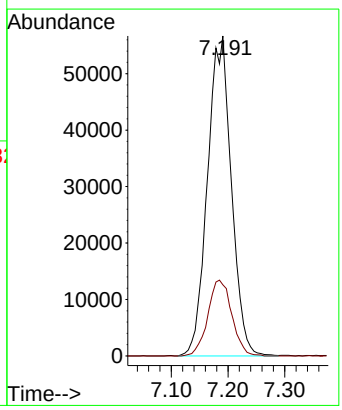
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

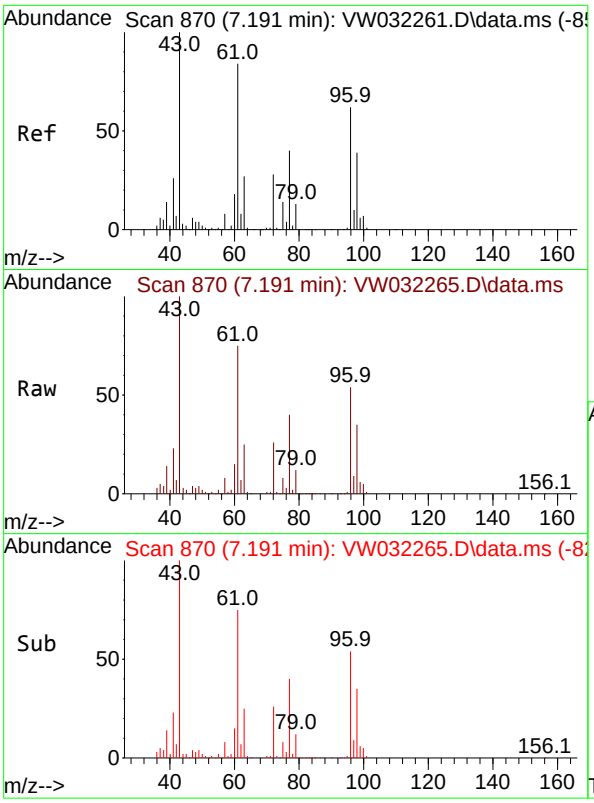


#26
2,2-Dichloropropane
Concen: 47.257 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 77 Resp: 165803

Ion	Ratio	Lower	Upper
77	100		
97	23.8	11.7	35.0

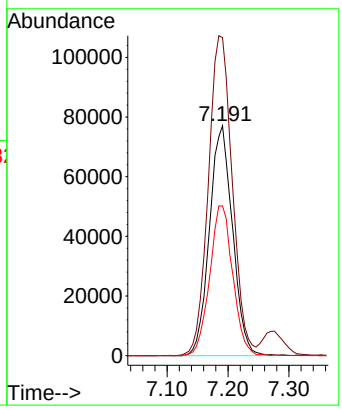




#27
cis-1,2-Dichloroethene
Concen: 46.321 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 96 Resp: 20318

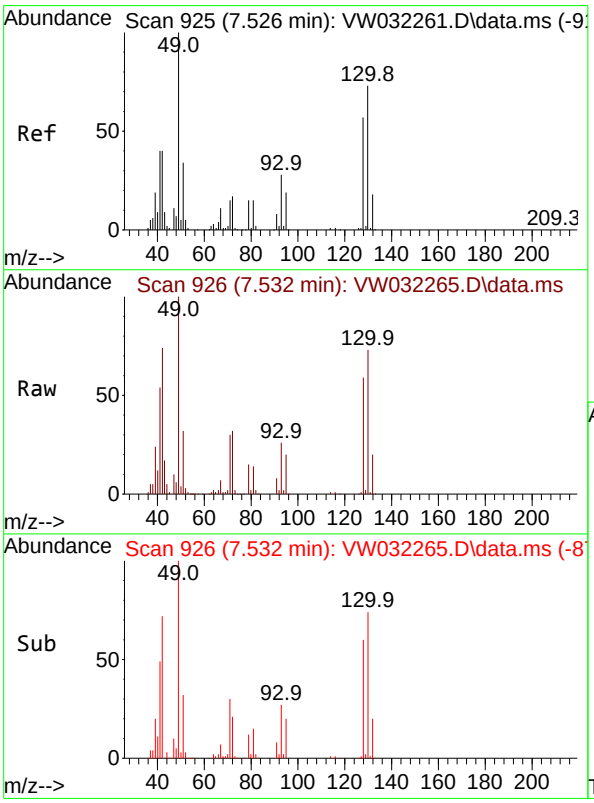
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	281.8
98	65.1	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

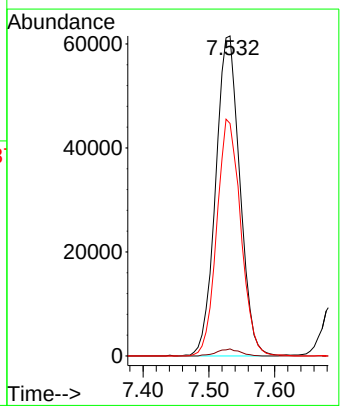
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

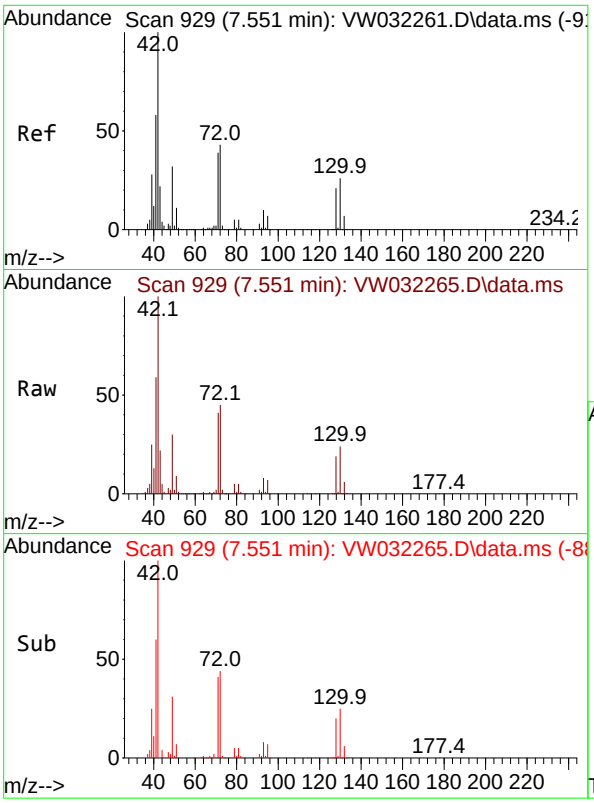


#28
Bromochloromethane
Concen: 46.350 ug/l
RT: 7.532 min Scan# 926
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 49 Resp: 157473

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	73.4	0.0	0.0#

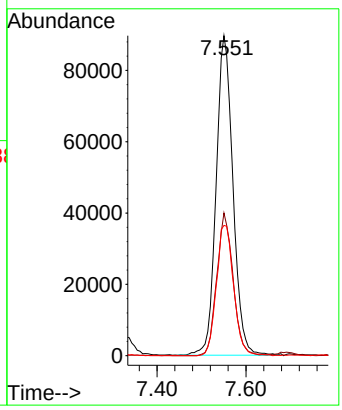




#29
Tetrahydrofuran
Concen: 232.669 ug/l
RT: 7.551 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 42 Resp: 23510

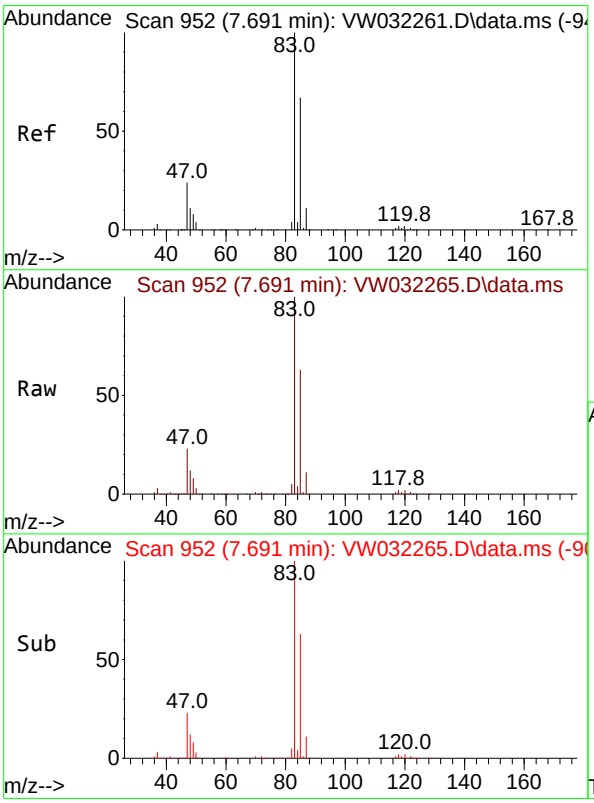
Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.1	52.7
71	41.8	33.3	49.9



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

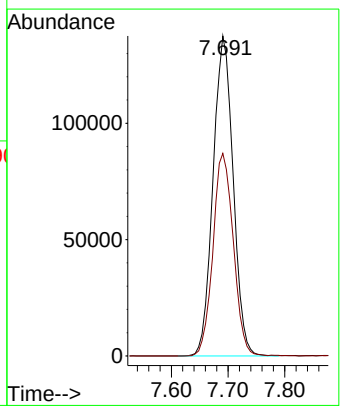
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

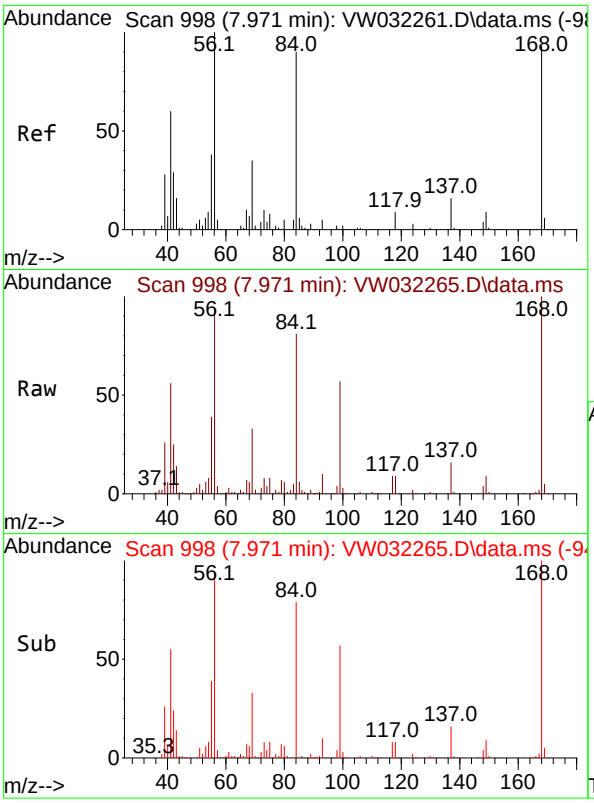


#30
Chloroform
Concen: 45.544 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 83 Resp: 338340

Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.3	79.9

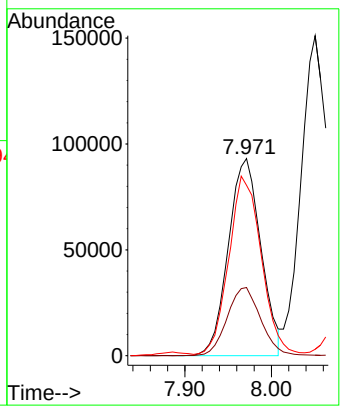




#31
Cyclohexane
Concen: 43.225 ug/l
RT: 7.971 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 56 Resp: 24268

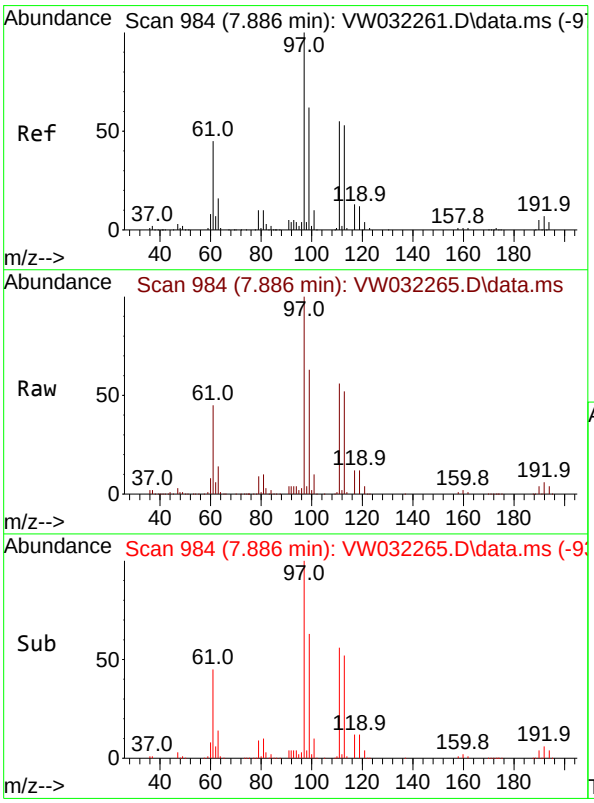
Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.2	42.2
84	85.0	71.8	107.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

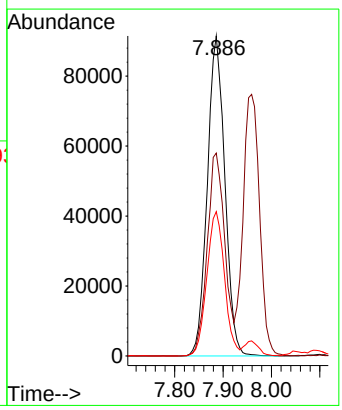
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

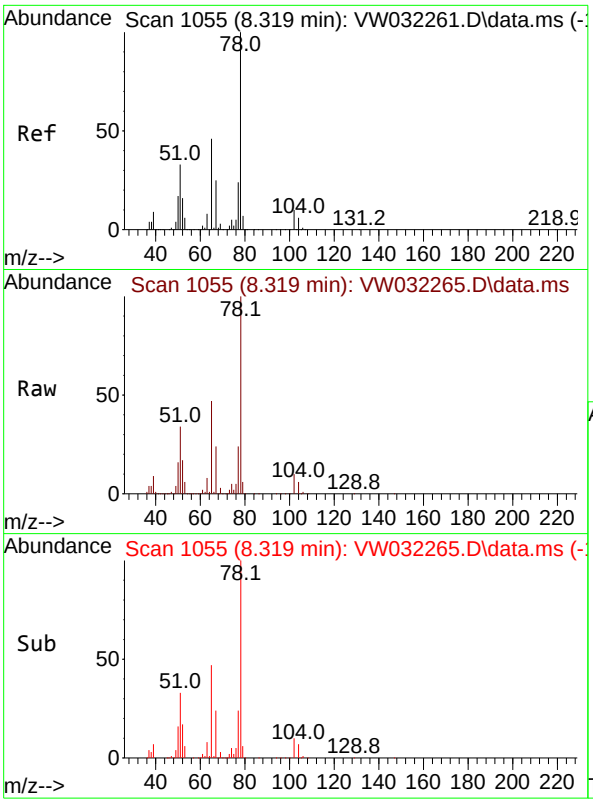


#32
1,1,1-Trichloroethane
Concen: 46.116 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 97 Resp: 230793

Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	45.6	36.2	54.4

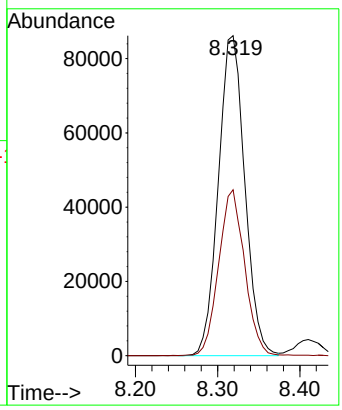




#33
1,2-Dichloroethane-d4
Concen: 44.214 ug/l
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 65 Resp: 19225

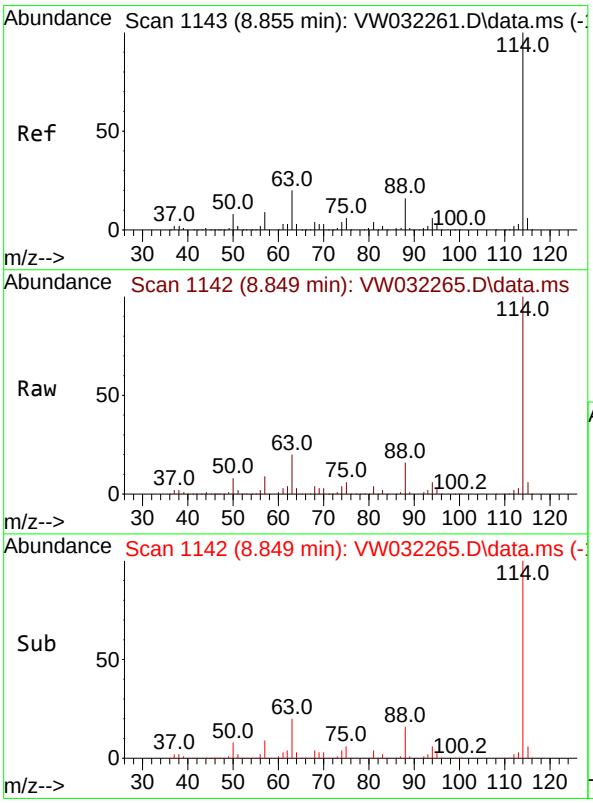
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	105.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

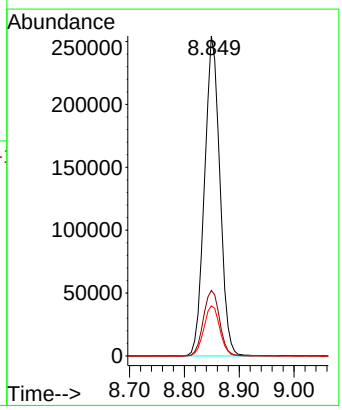
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

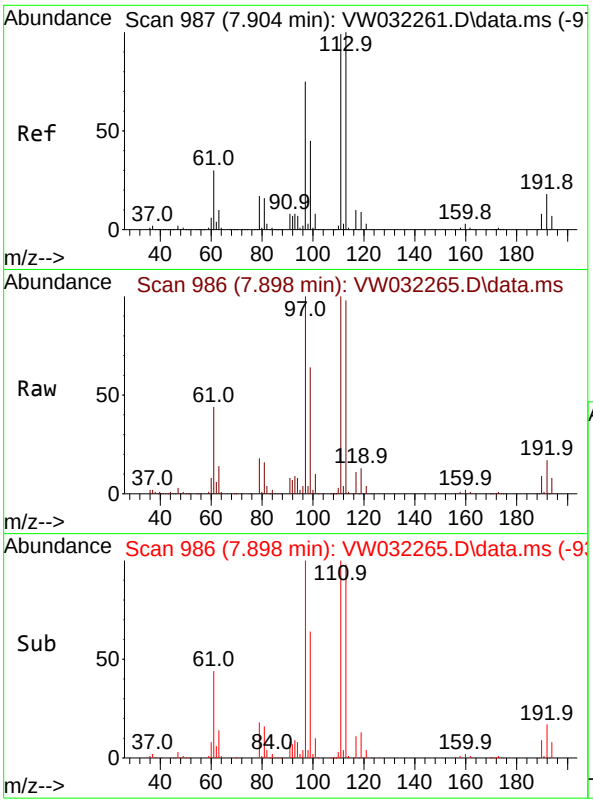


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:114 Resp: 493743

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	15.6	0.0	32.0





#35
Dibromofluoromethane
Concen: 45.177 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

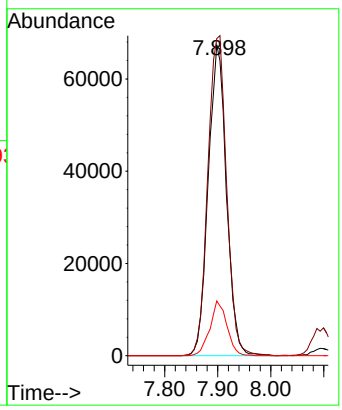
Tgt Ion:113 Resp: 16041

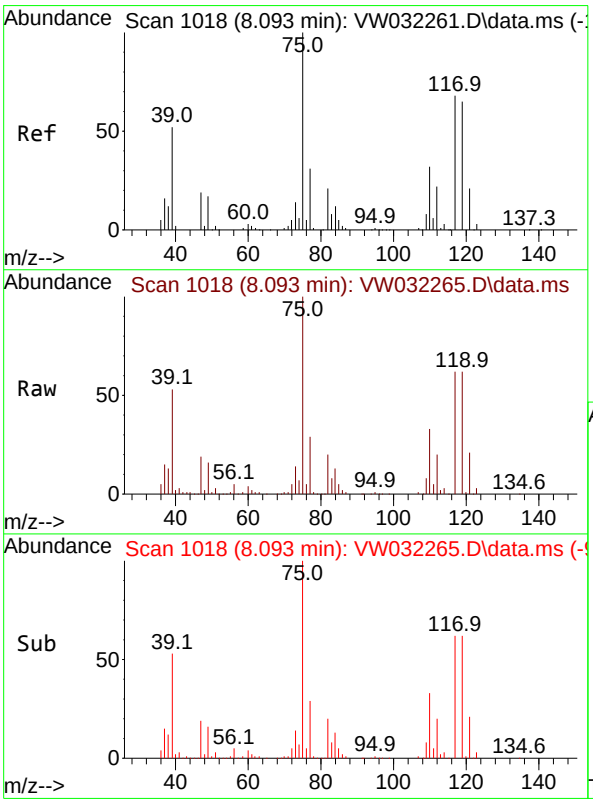
Ion	Ratio	Lower	Upper
113	100		
111	106.6	81.8	122.8
192	16.5	13.0	19.4

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

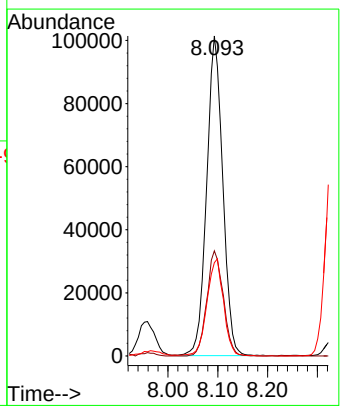


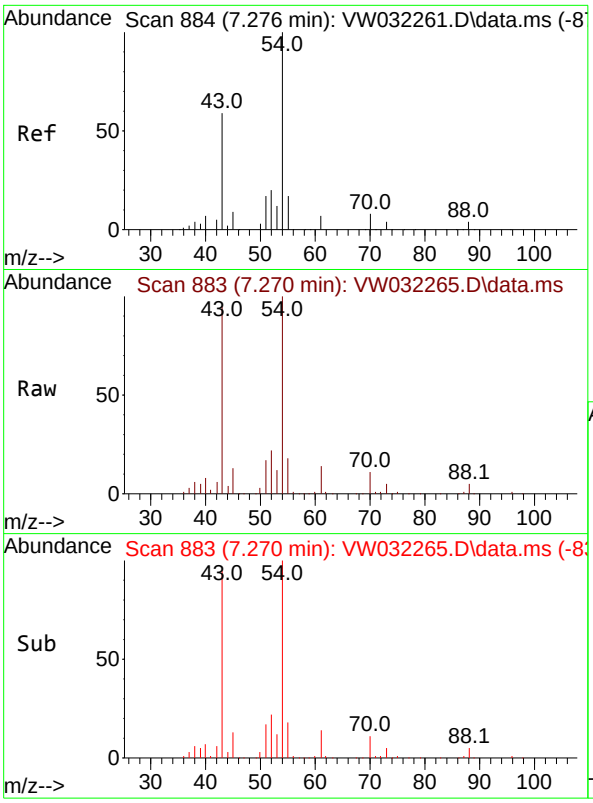


#36
1,1-Dichloropropene
Concen: 47.457 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 75 Resp: 227191

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.7	50.1
77	31.4	25.2	37.8

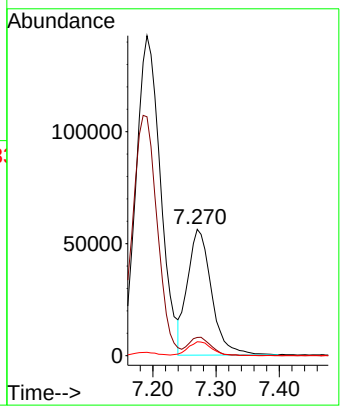




#37
Ethyl Acetate
Concen: 46.666 ug/l
RT: 7.270 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 14816

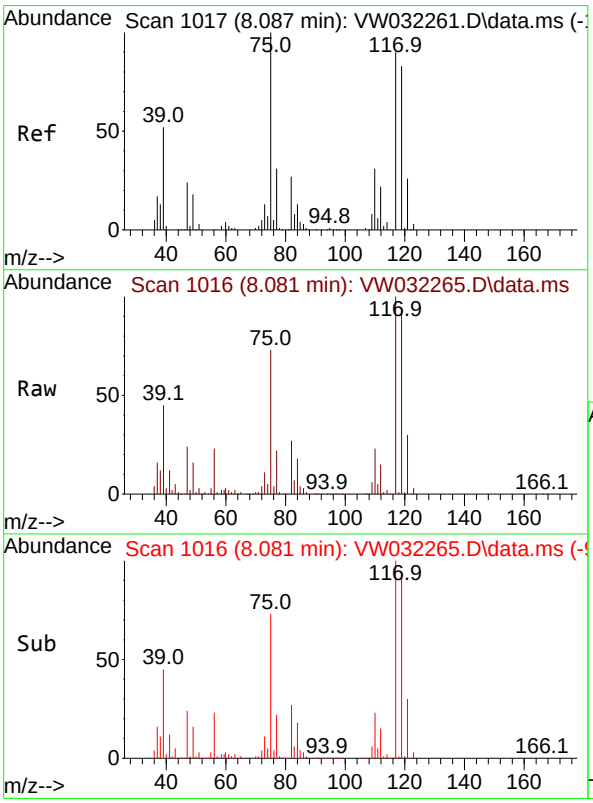
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	11.2	8.5	12.7



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
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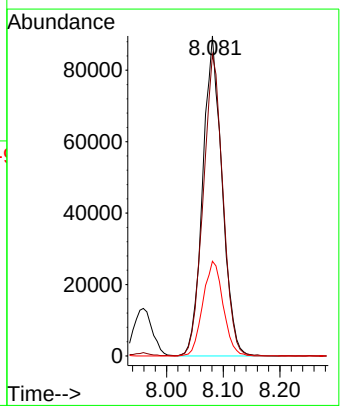
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

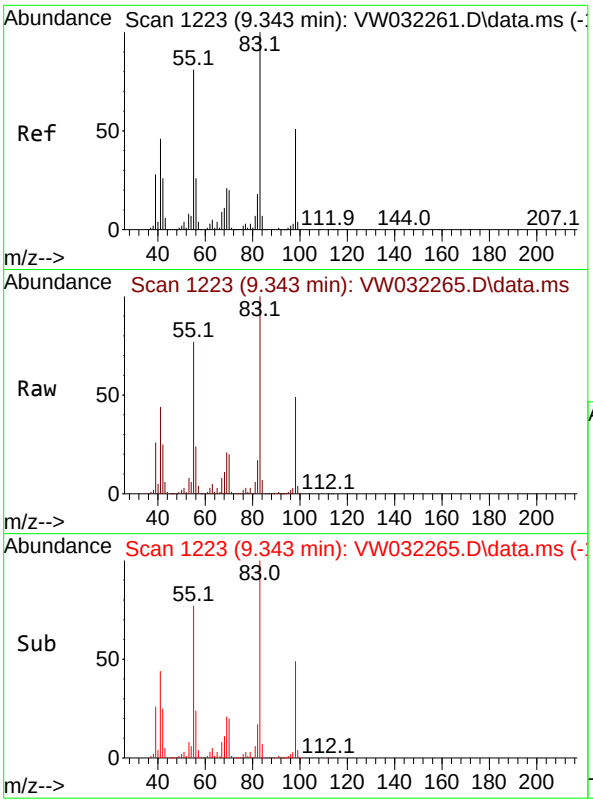


#38
Carbon Tetrachloride
Concen: 47.040 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:117 Resp: 211869

Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.9	110.9
121	29.6	23.0	34.6

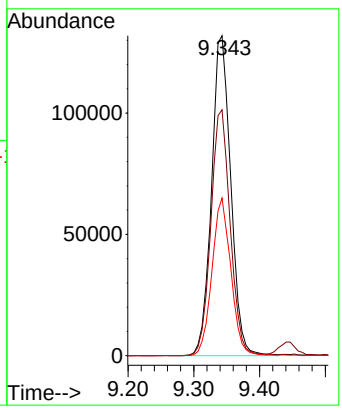




#39
Methylcyclohexane
Concen: 48.487 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 83 Resp: 26858

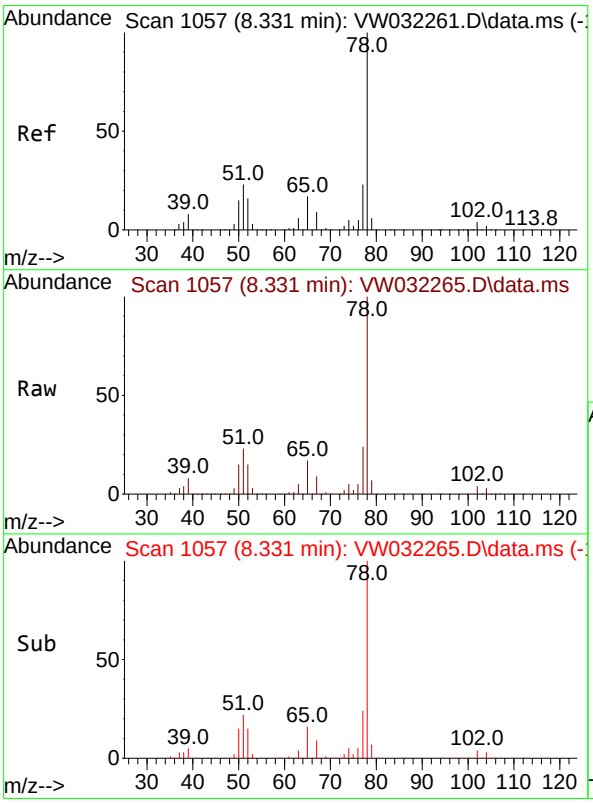
Ion	Ratio	Lower	Upper
83	100		
55	76.8	65.0	97.6
98	49.2	40.8	61.2



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

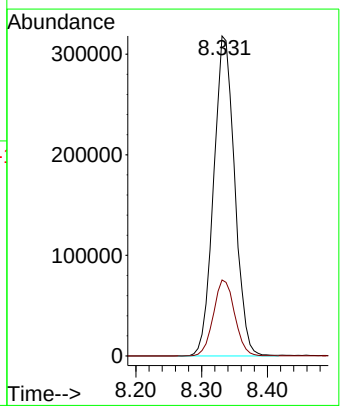
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

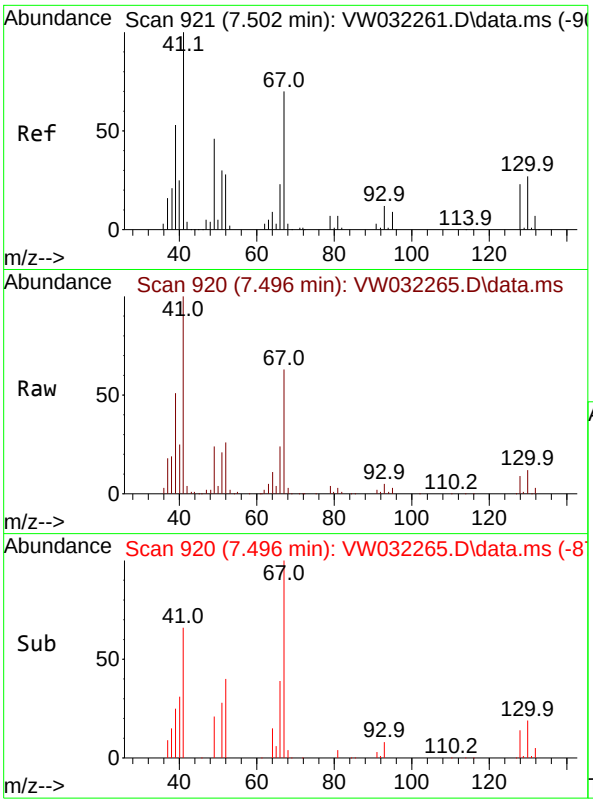


#40
Benzene
Concen: 46.957 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 78 Resp: 707587

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1

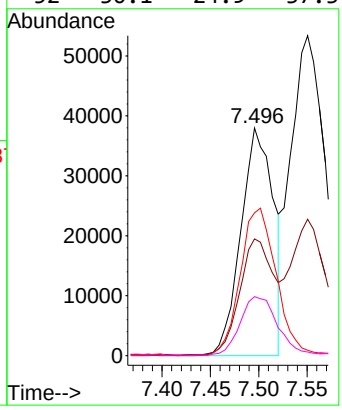




#41
Methacrylonitrile
Concen: 48.829 ug/l
RT: 7.496 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 41 Resp: 8879

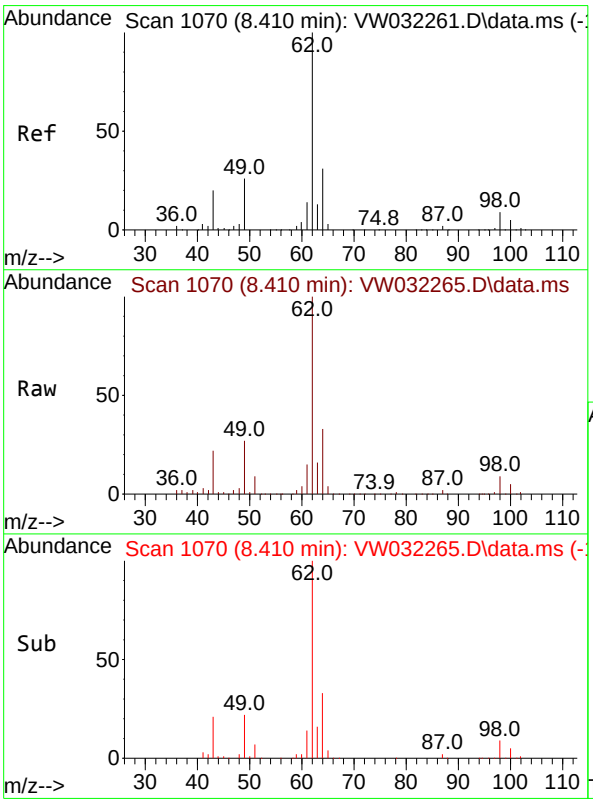
Ion	Ratio	Lower	Upper
41	100		
39	52.7	46.9	70.3
67	72.3	59.0	88.4
52	30.1	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
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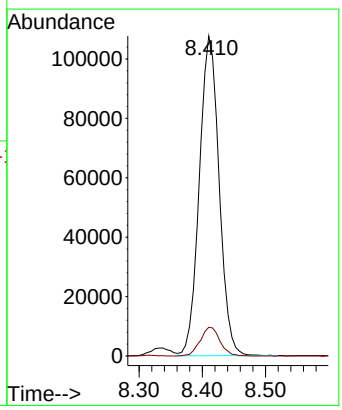
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

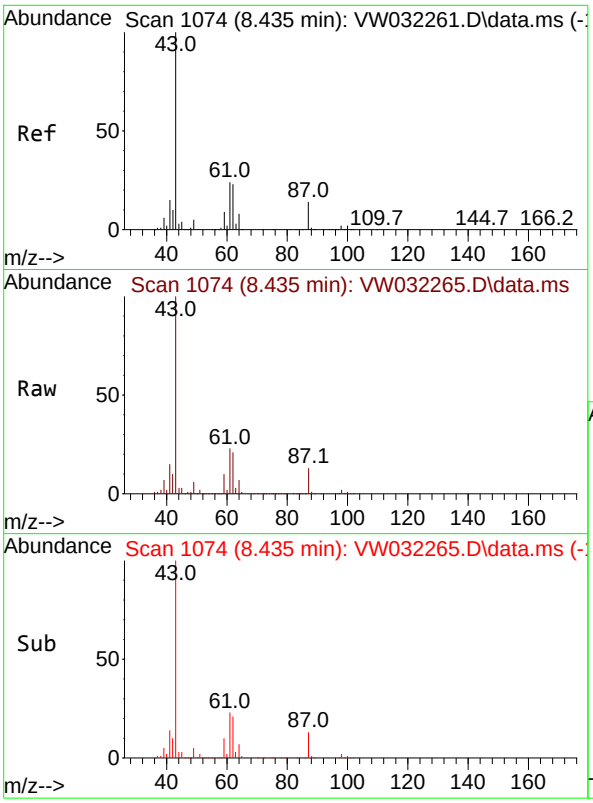


#42
1,2-Dichloroethane
Concen: 46.783 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 62 Resp: 234326

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.4

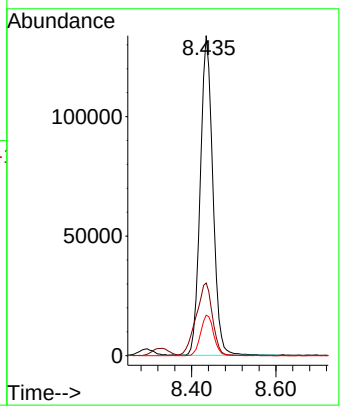




#43
Isopropyl Acetate
Concen: 48.820 ug/l
RT: 8.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 27746

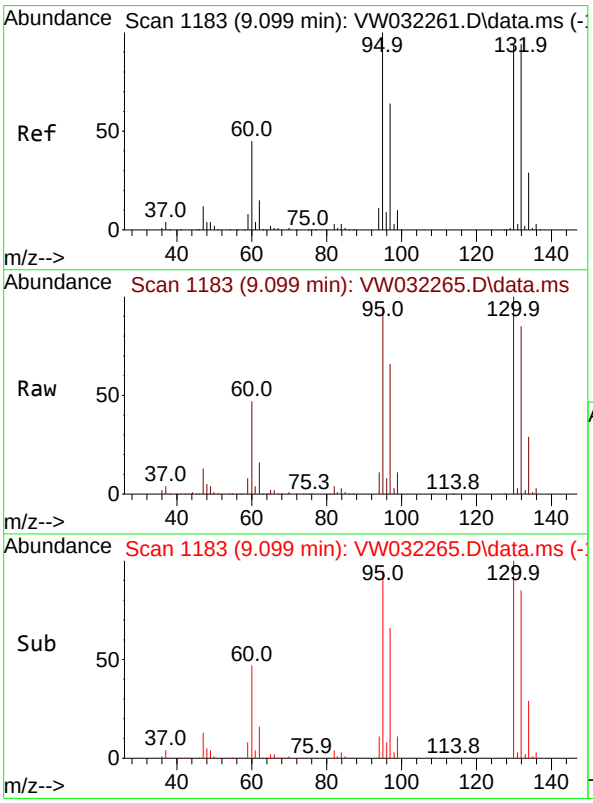
Ion	Ratio	Lower	Upper
43	100		
61	29.3	24.2	36.2
87	13.2	10.6	16.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

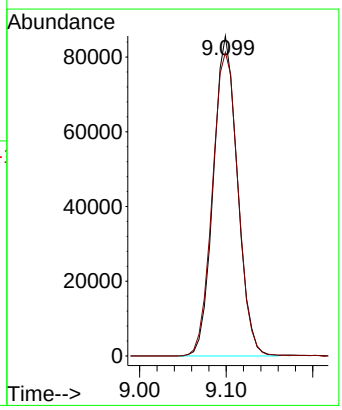
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

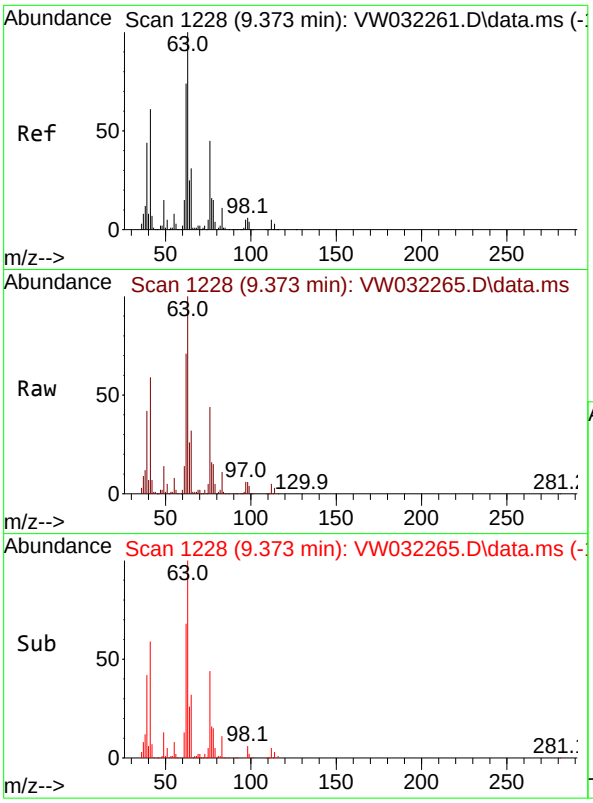


#44
Trichloroethene
Concen: 46.998 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:130 Resp: 165536

Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	215.2

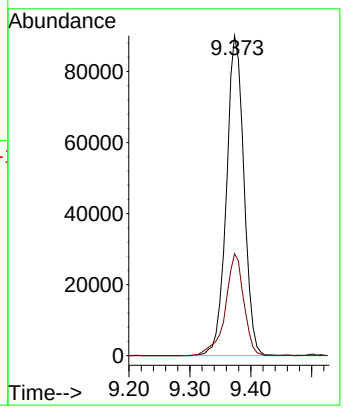




#45
1,2-Dichloropropane
Concen: 46.014 ug/l
RT: 9.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 63 Resp: 17958

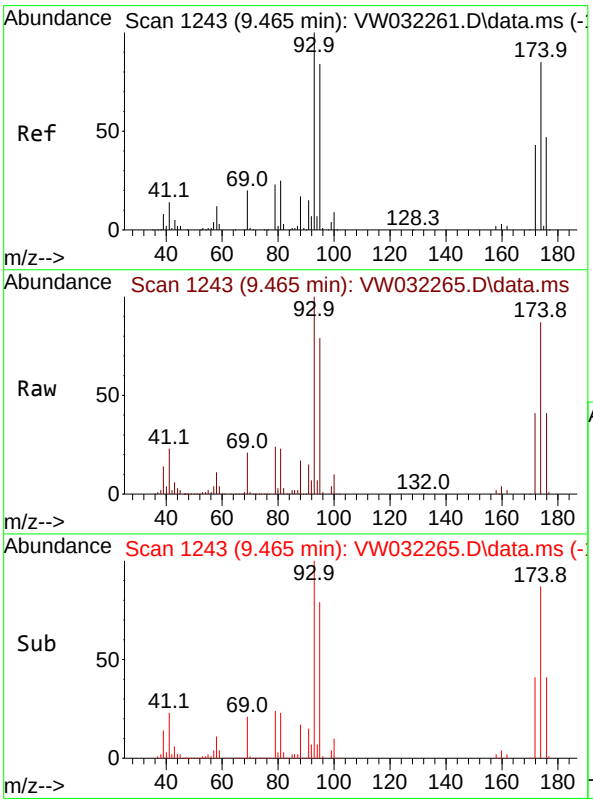
Ion	Ratio	Lower	Upper
63	100		
65	31.9	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

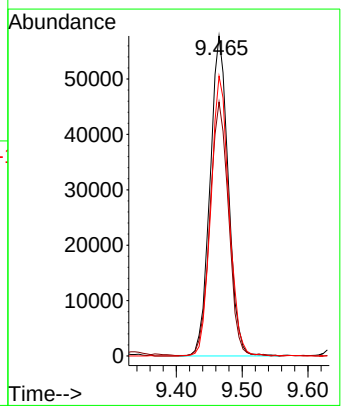
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

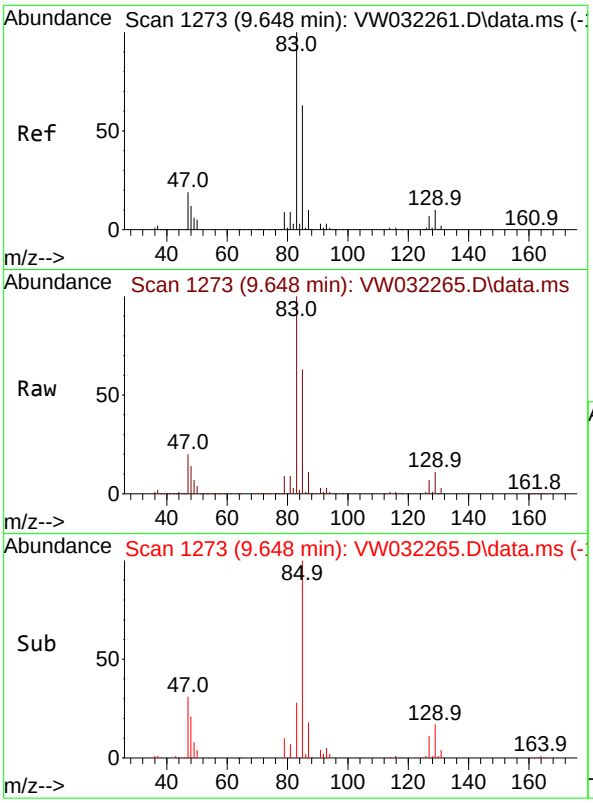


#46
Dibromomethane
Concen: 46.647 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 93 Resp: 111930

Ion	Ratio	Lower	Upper
93	100		
95	80.8	66.6	99.8
174	86.8	69.0	103.6

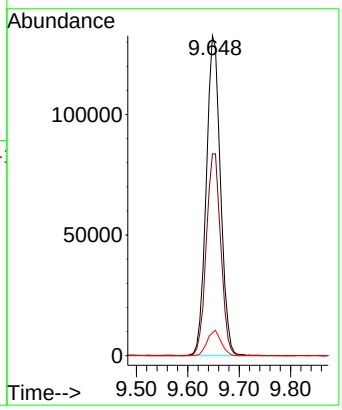




#47
Bromodichloromethane
Concen: 46.492 ug/l
RT: 9.648 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 83 Resp: 25444

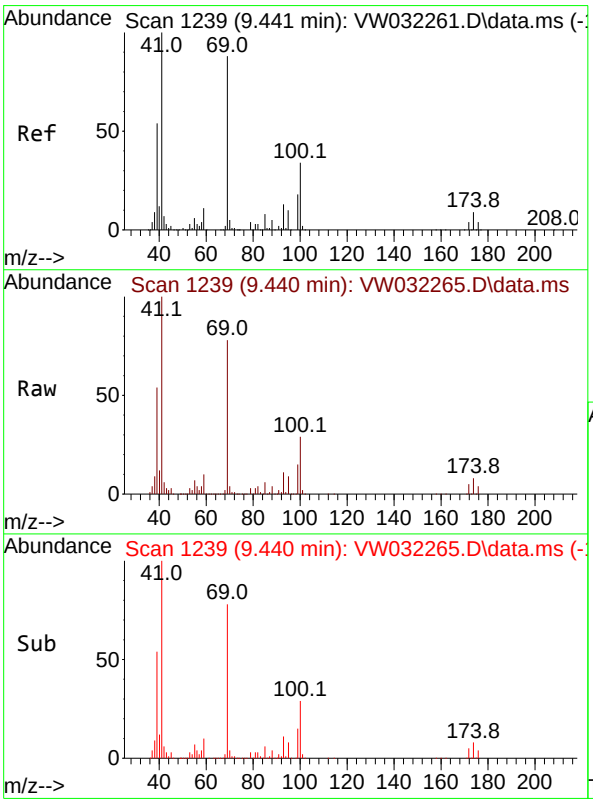
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5
127	7.1	5.6	8.4



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

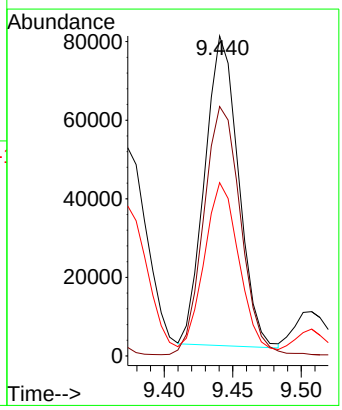
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

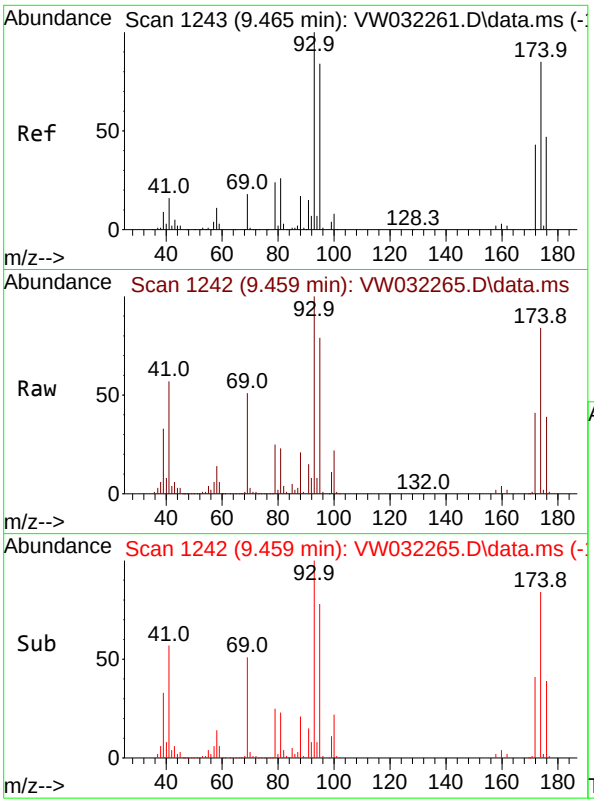


#48
Methyl methacrylate
Concen: 50.368 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 41 Resp: 134674

Ion	Ratio	Lower	Upper
41	100		
69	88.9	71.4	107.0
39	54.7	46.9	70.3

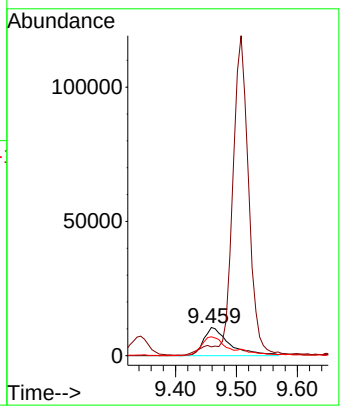




#49
1,4-Dioxane
Concen: 970.255 ug/l
RT: 9.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 88 Resp: 3118

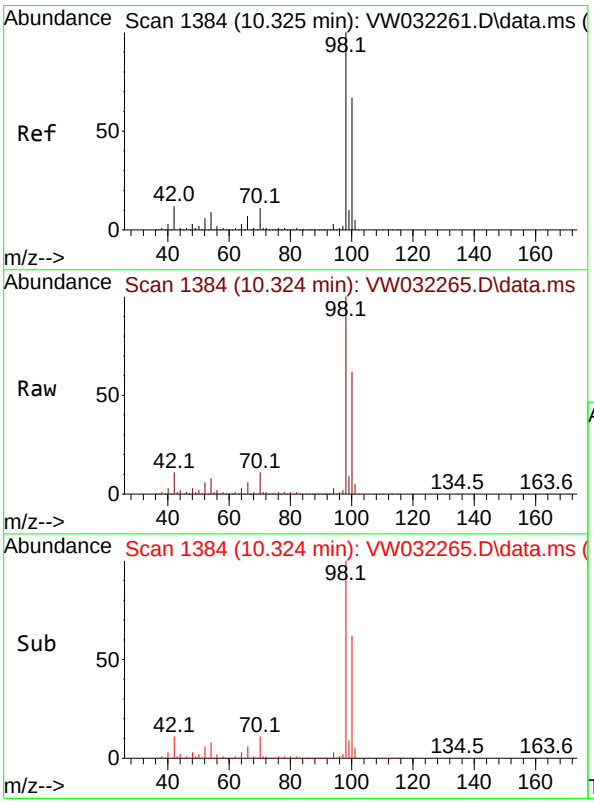
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.3	62.9	94.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

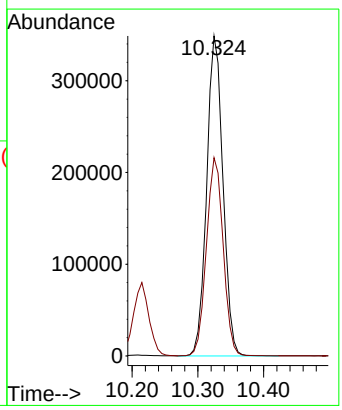
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

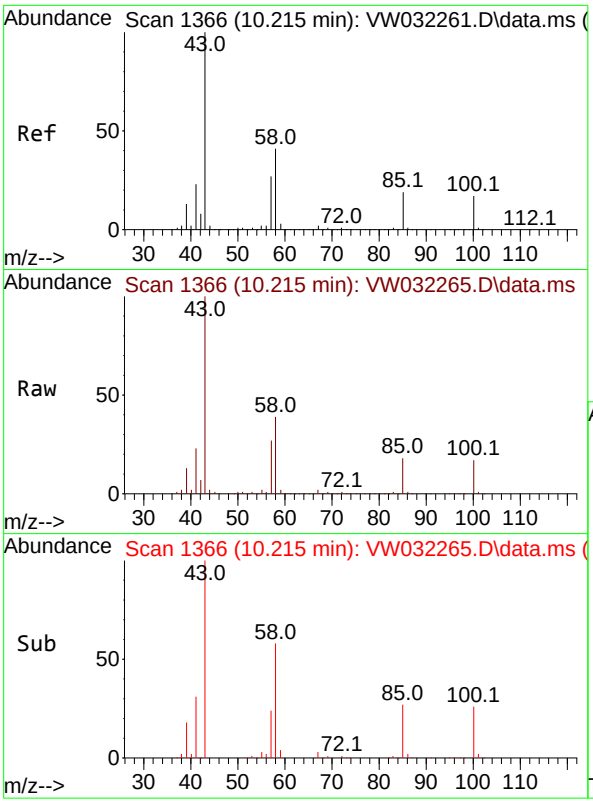


#50
Toluene-d8
Concen: 46.839 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 98 Resp: 599404

Ion	Ratio	Lower	Upper
98	100		
100	63.9	53.0	79.4

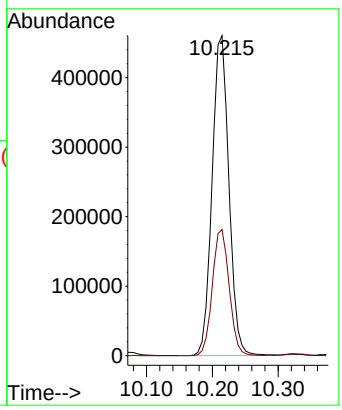




#51
4-Methyl-2-Pentanone
Concen: 242.856 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 81836

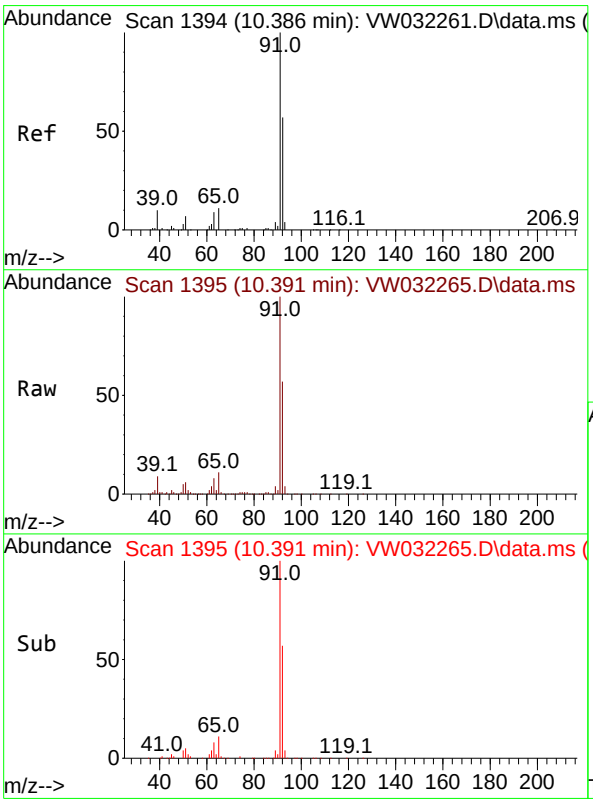
Ion	Ratio	Lower	Upper
43	100		
58	39.6	32.3	48.5



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

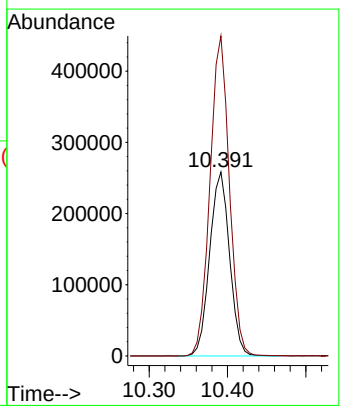
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

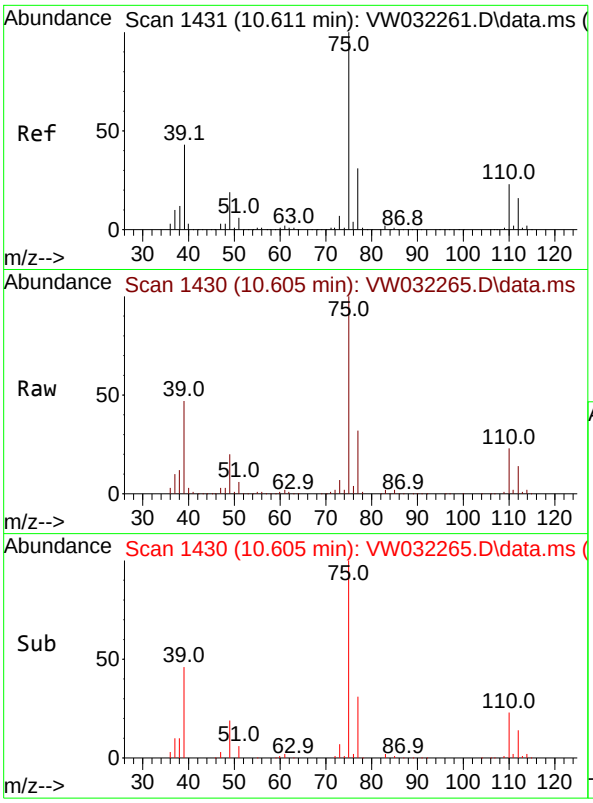


#52
Toluene
Concen: 48.589 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 92 Resp: 453815

Ion	Ratio	Lower	Upper
92	100		
91	170.4	139.2	208.8

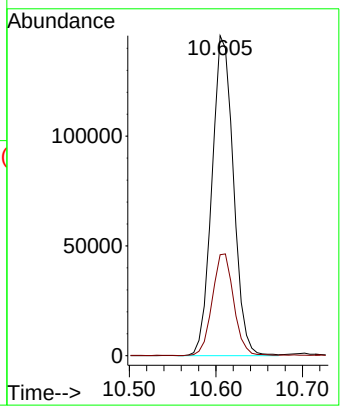




#53
t-1,3-Dichloropropene
Concen: 50.162 ug/l
RT: 10.605 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 75 Resp: 25152

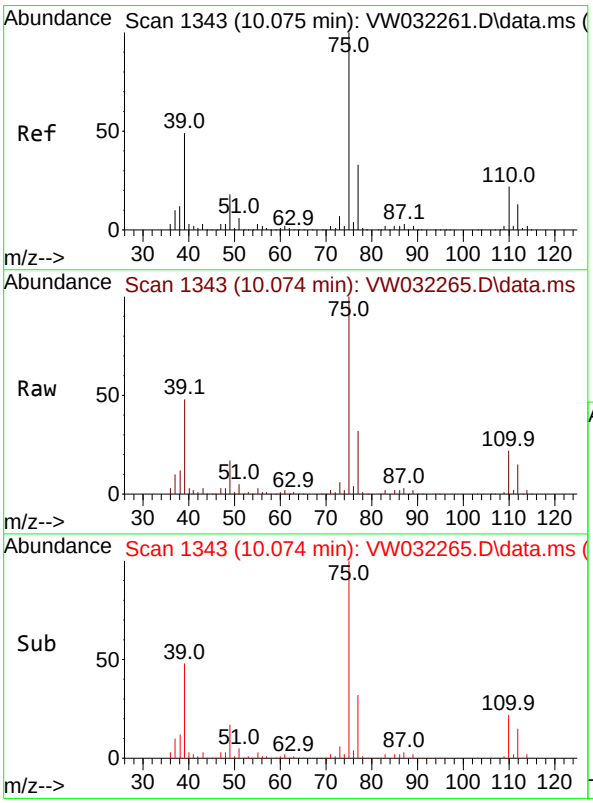
Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	37.0



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

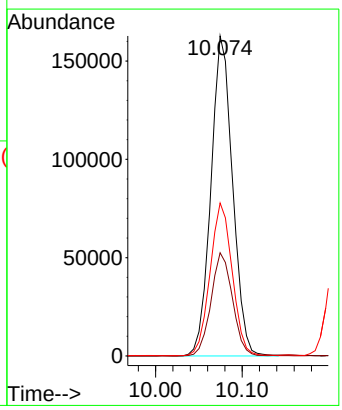
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

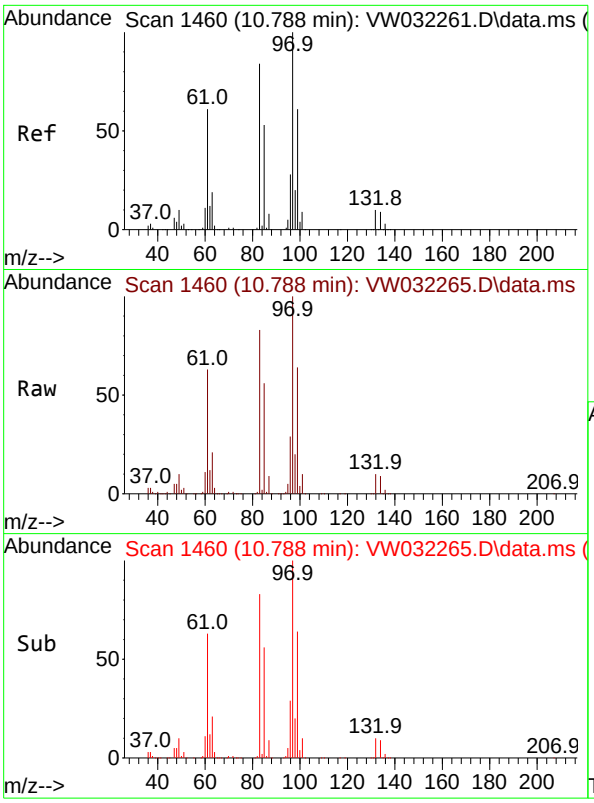


#54
cis-1,3-Dichloropropene
Concen: 48.823 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 75 Resp: 282634

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.4
39	47.7	39.0	58.6

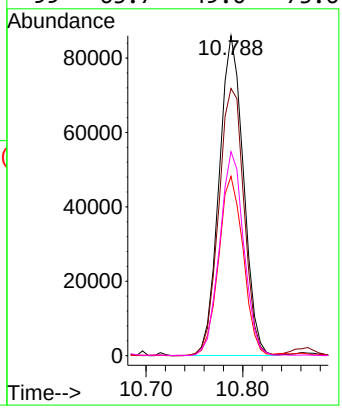




#55
1,1,2-Trichloroethane
Concen: 45.866 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 97 Resp: 15022

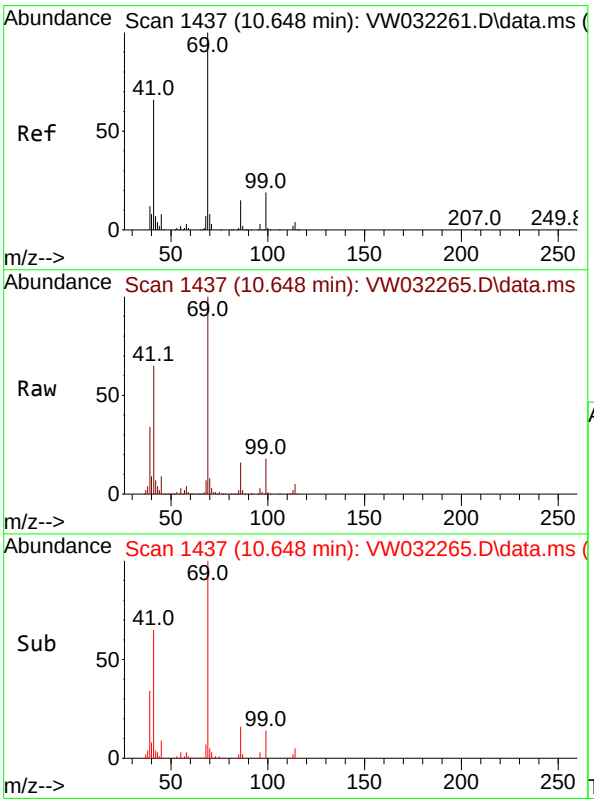
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.2
85	56.1	42.0	63.0
99	63.7	49.0	73.6



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

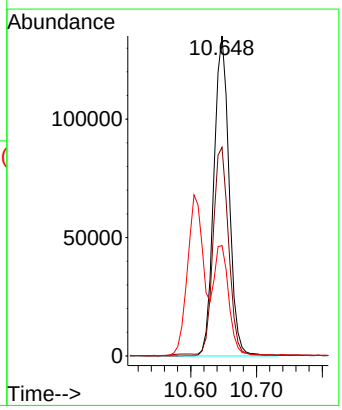
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

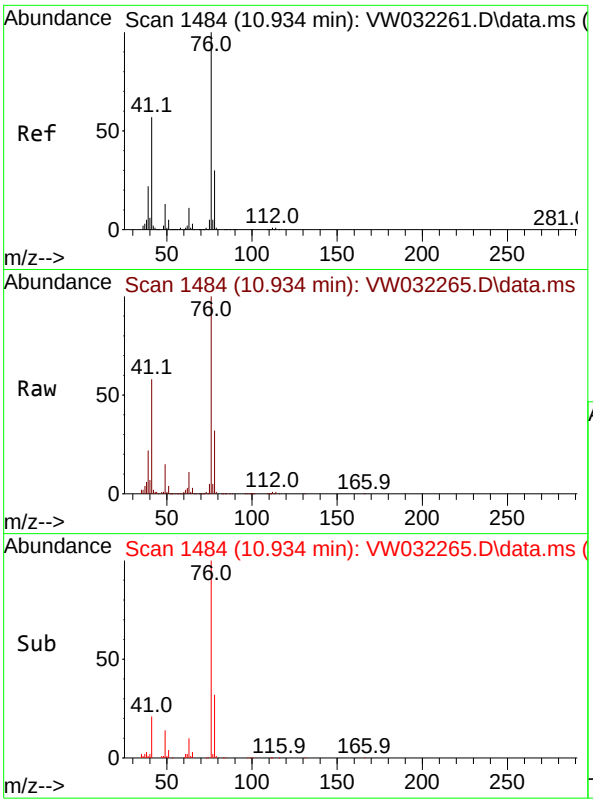


#56
Ethyl methacrylate
Concen: 50.508 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 69 Resp: 217909

Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.7	82.1
39	32.5	26.3	39.5

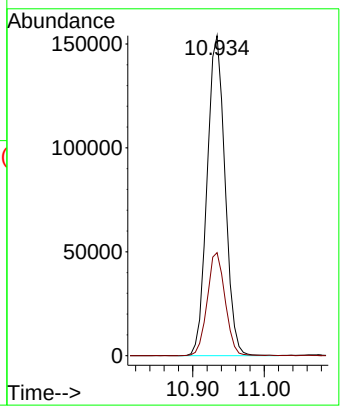




#57
1,3-Dichloropropane
Concen: 47.265 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 76 Resp: 26744

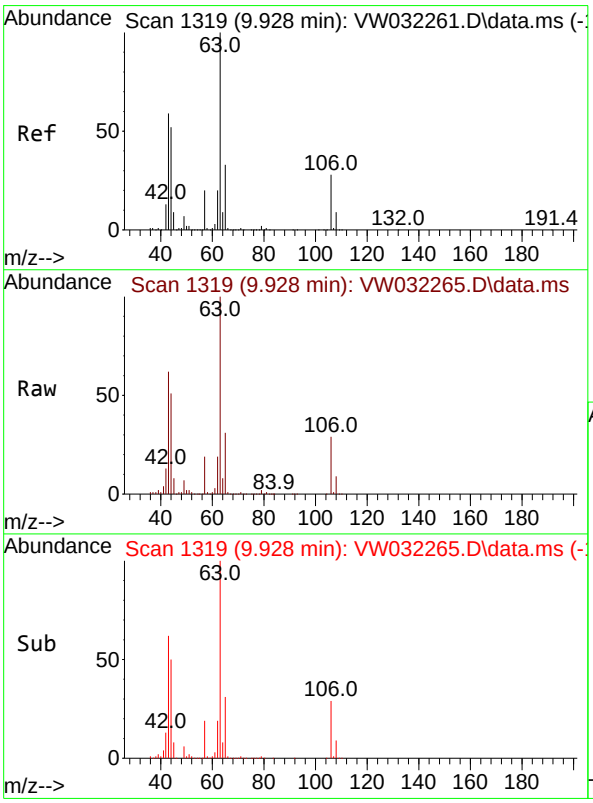
Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

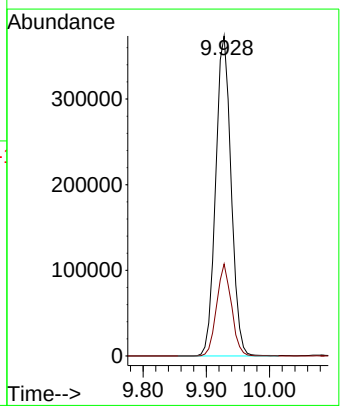
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

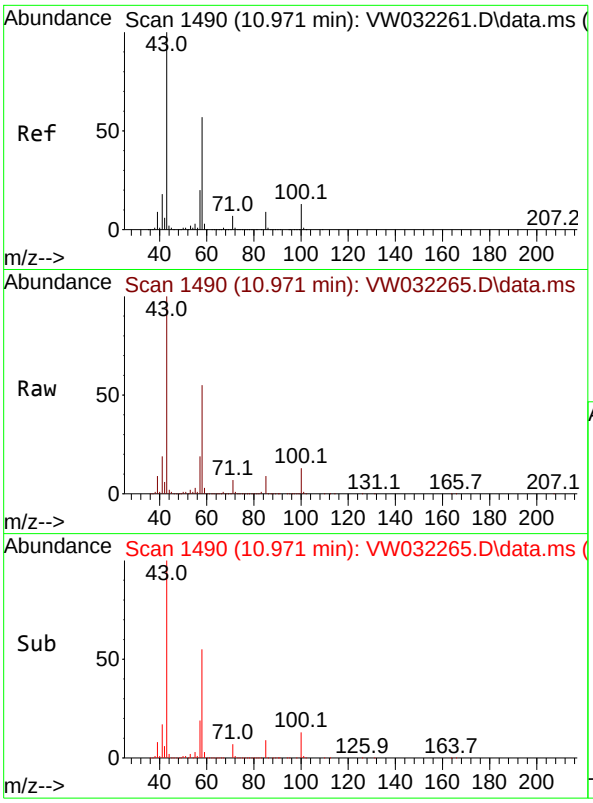


#58
2-Chloroethyl Vinyl ether
Concen: 266.090 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 63 Resp: 630192

Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.5	33.7





#59
2-Hexanone
Concen: 252.380 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

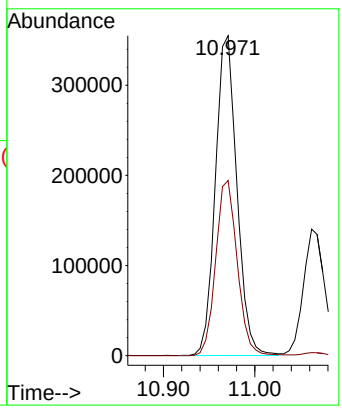
Tgt Ion: 43 Resp: 58077

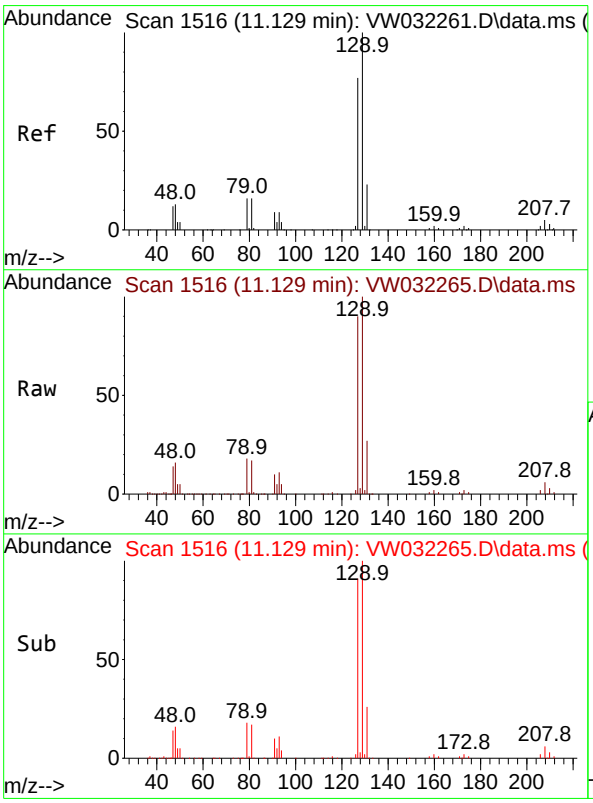
Ion	Ratio	Lower	Upper
43	100		
58	54.9	27.9	83.6

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

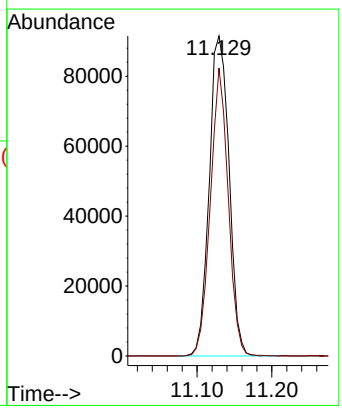


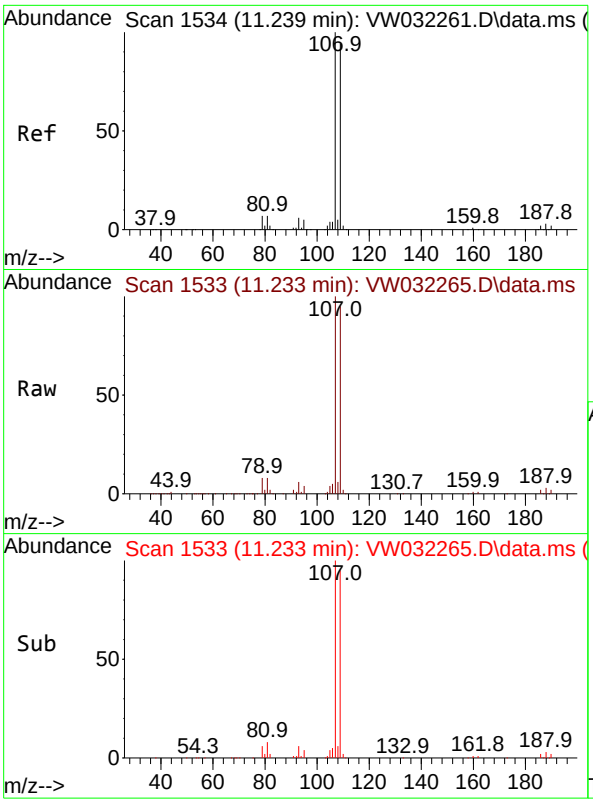


#60
Dibromochloromethane
Concen: 46.885 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:129 Resp: 168649

Ion	Ratio	Lower	Upper
129	100		
127	80.8	39.3	117.8

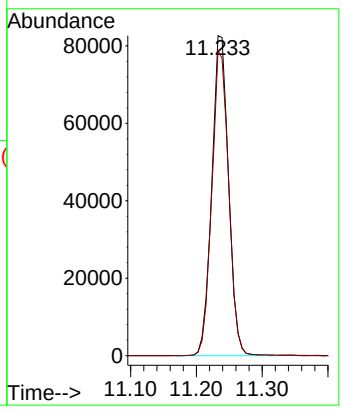




#61
1,2-Dibromoethane
Concen: 47.160 ug/l
RT: 11.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:107 Resp: 14633

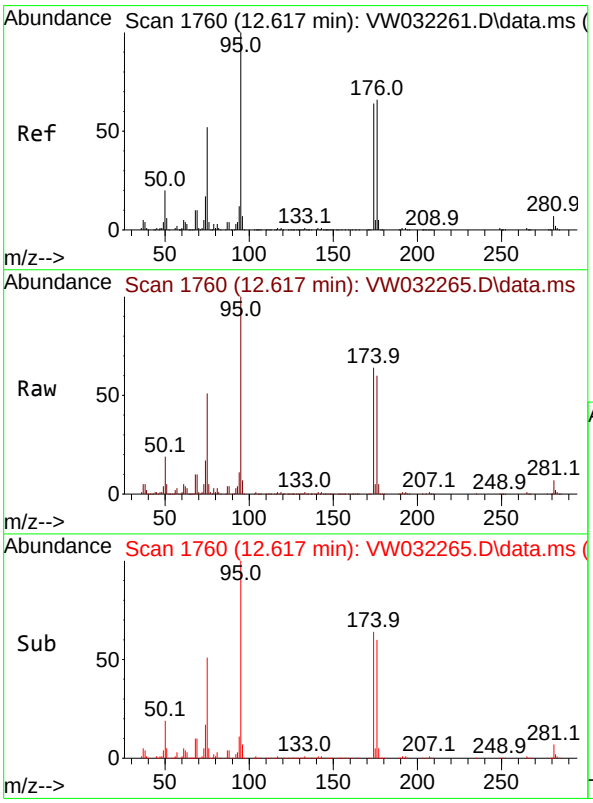
Ion	Ratio	Lower	Upper
107	100		
109	96.1	74.1	111.1



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

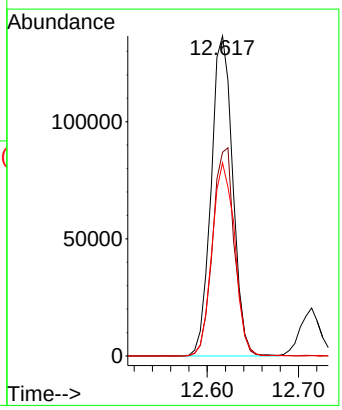
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

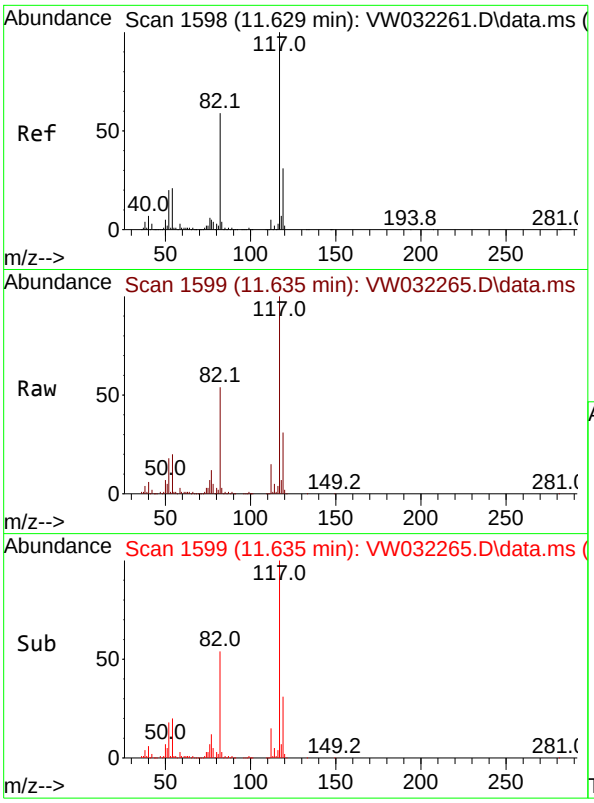


#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 95 Resp: 224886

Ion	Ratio	Lower	Upper
95	100		
174	65.8	0.0	130.6
176	63.1	0.0	127.0

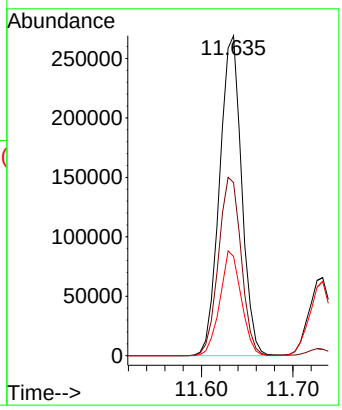




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:117 Resp: 45187

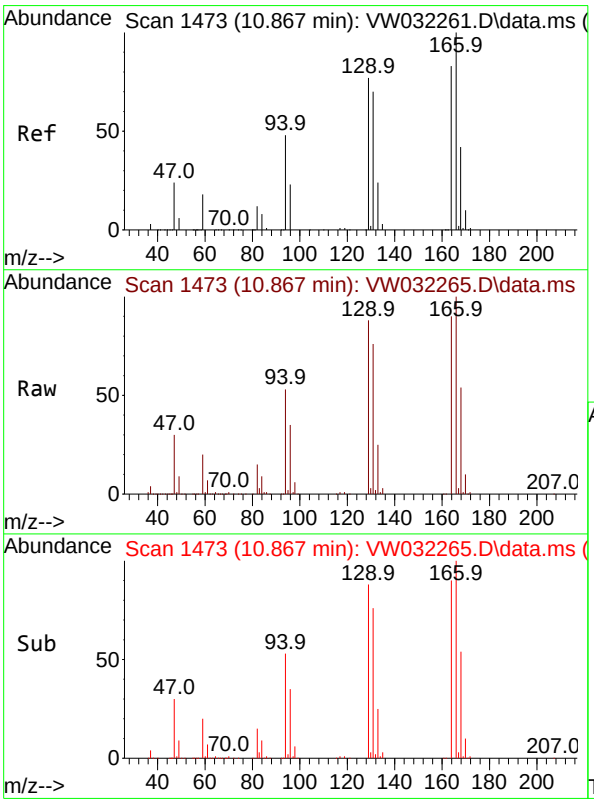
Ion	Ratio	Lower	Upper
117	100		
82	54.1	46.9	70.3
119	31.0	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
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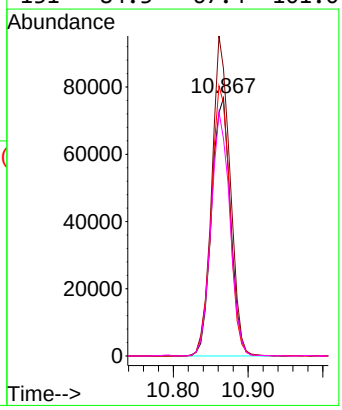
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

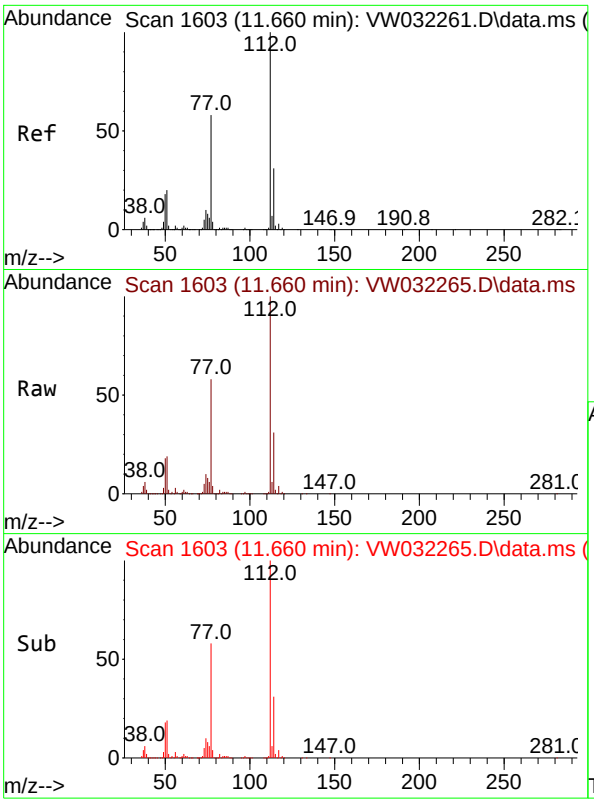


#64
Tetrachloroethene
Concen: 49.112 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:164 Resp: 135242

Ion	Ratio	Lower	Upper
164	100		
166	111.3	96.9	145.3
129	98.0	75.0	112.4
131	84.3	67.4	101.0

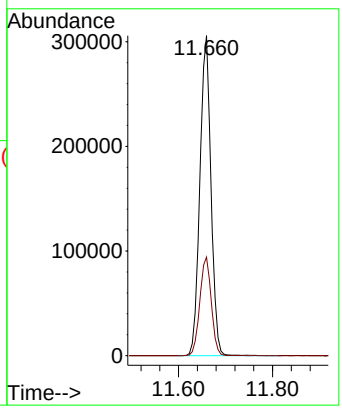




#65
Chlorobenzene
Concen: 48.030 ug/l
RT: 11.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:112 Resp: 49992

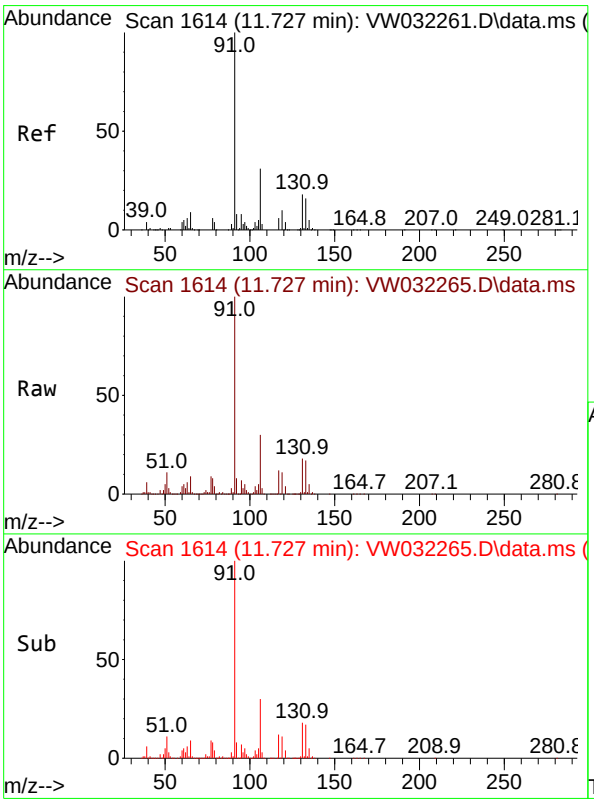
Ion	Ratio	Lower	Upper
112	100		
114	30.8	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

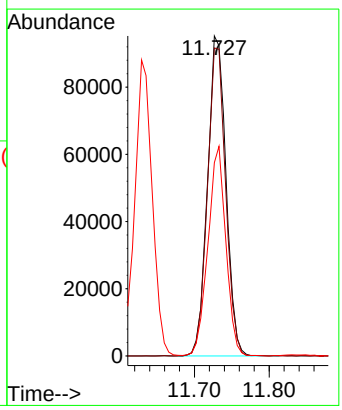
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

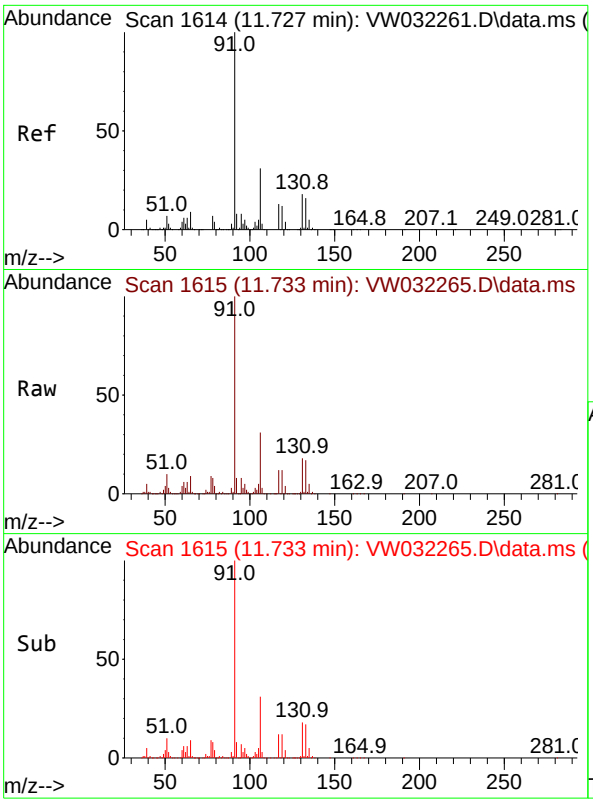


#66
1,1,1,2-Tetrachloroethane
Concen: 49.606 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:131 Resp: 163293

Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.1	141.3
119	63.6	33.9	101.7

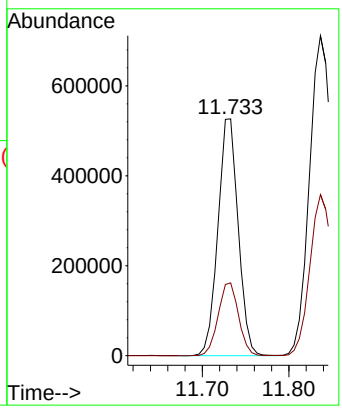




#67
Ethyl Benzene
Concen: 50.283 ug/l
RT: 11.733 min Scan# 1(
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 91 Resp: 85667

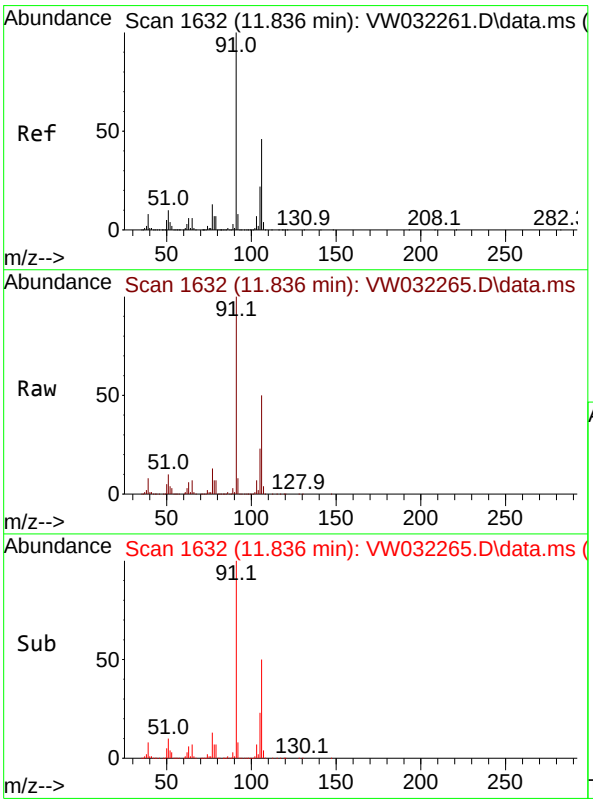
Ion	Ratio	Lower	Upper
91	100		
106	30.8	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

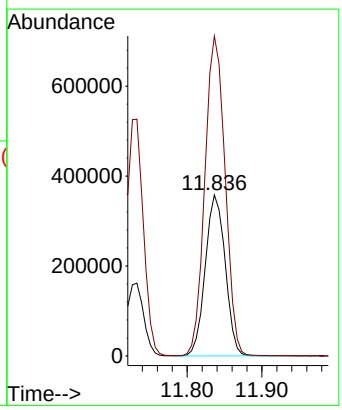
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

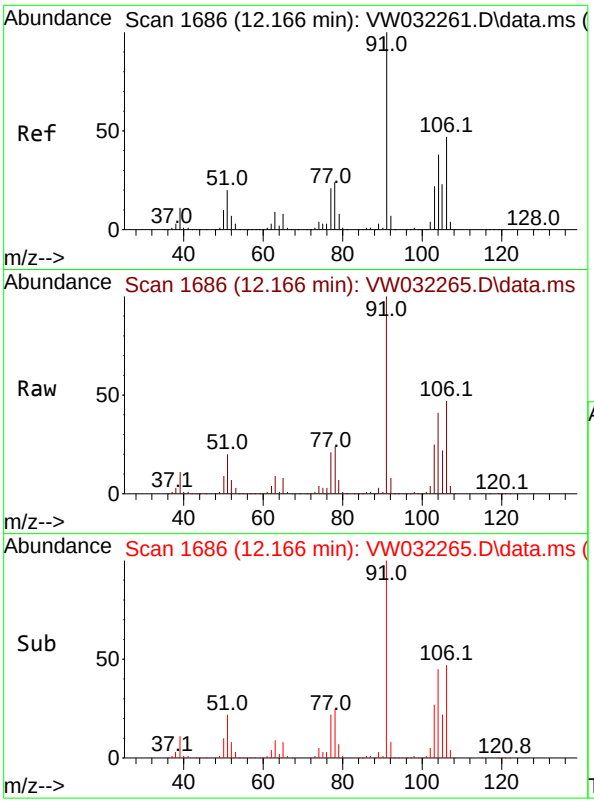


#68
m/p-Xylenes
Concen: 101.354 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:106 Resp: 661932

Ion	Ratio	Lower	Upper
106	100		
91	202.4	169.0	253.4





#69
o-Xylene
Concen: 50.802 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

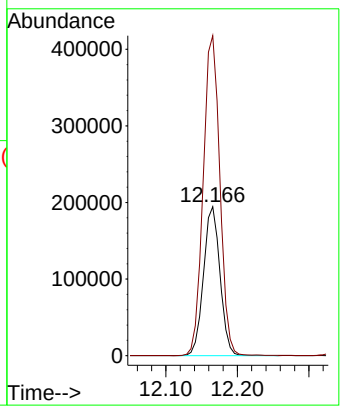
Tgt Ion:106 Resp: 31181

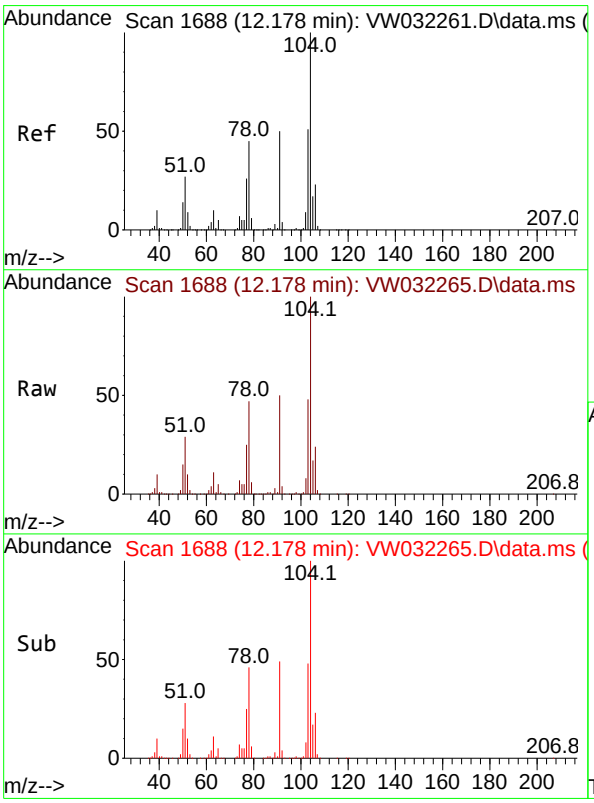
Ion	Ratio	Lower	Upper
106	100		
91	217.1	107.8	323.6

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

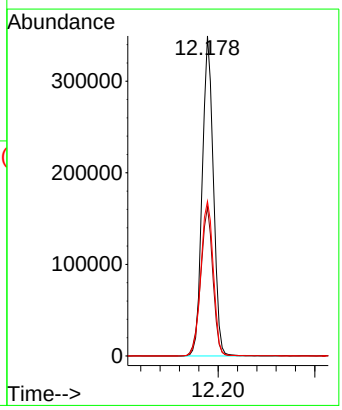


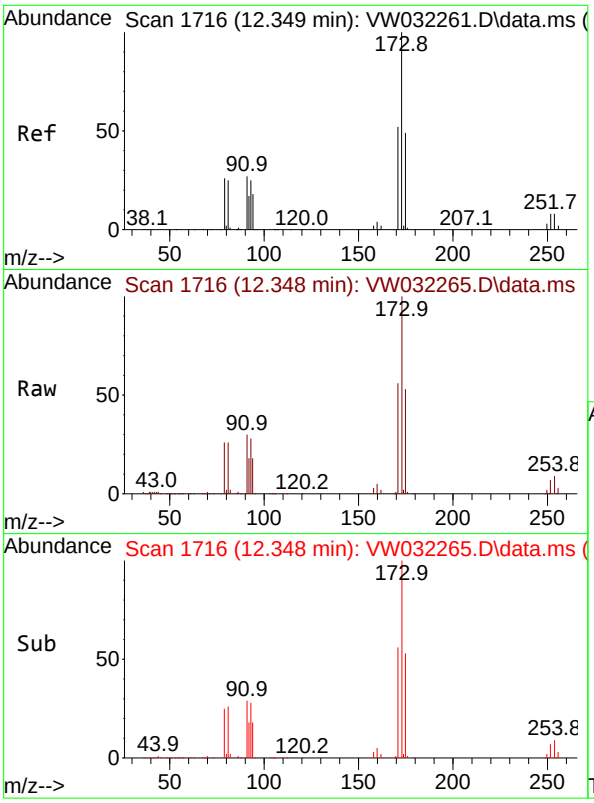


#70
Styrene
Concen: 52.165 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:104 Resp: 561475

Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.8	61.2
103	53.9	43.4	65.2

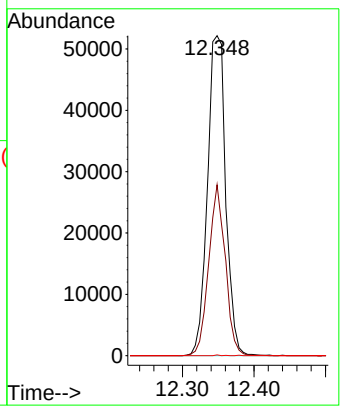




#71
Bromoform
Concen: 48.298 ug/l
RT: 12.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:173 Resp: 9264

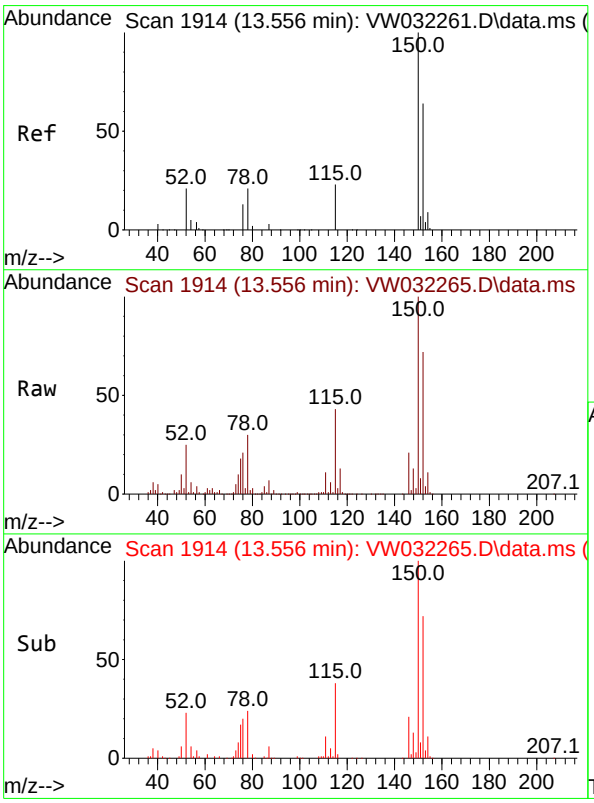
Ion	Ratio	Lower	Upper
173	100		
175	48.5	23.1	69.2
254	0.1	0.1	0.1



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

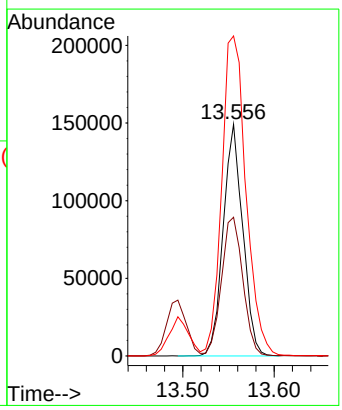
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

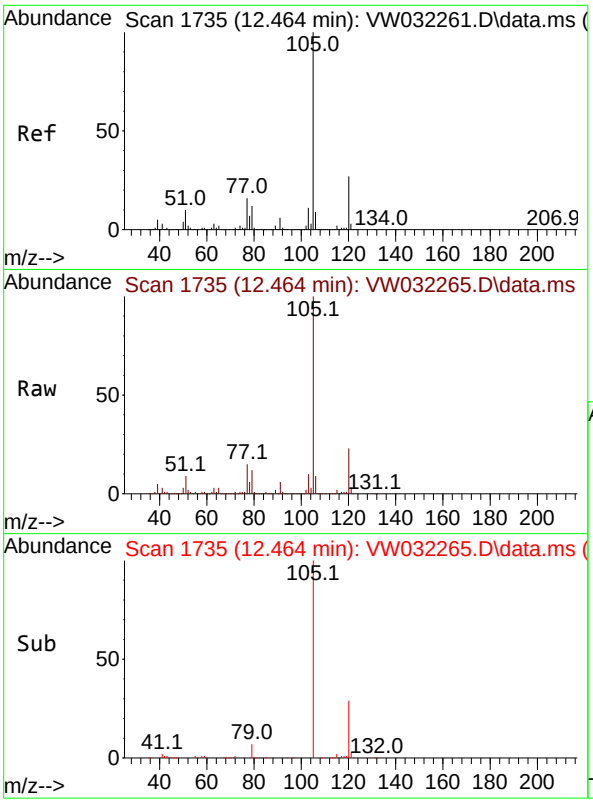


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:152 Resp: 222449

Ion	Ratio	Lower	Upper
152	100		
115	65.3	32.5	97.5
150	171.1	0.0	370.2

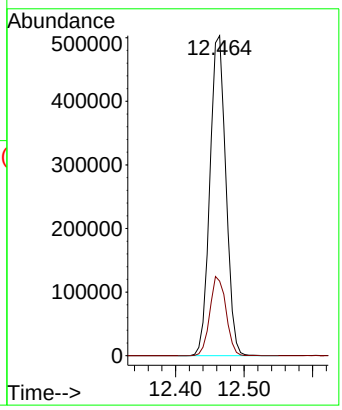




#73
Isopropylbenzene
Concen: 52.514 ug/l
RT: 12.464 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:105 Resp: 81306

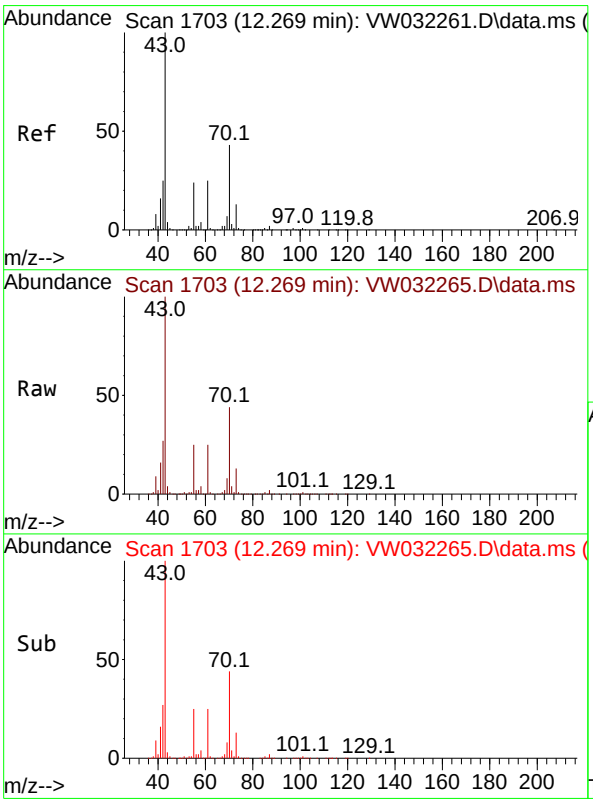
Ion	Ratio	Lower	Upper
105	100		
120	25.0	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

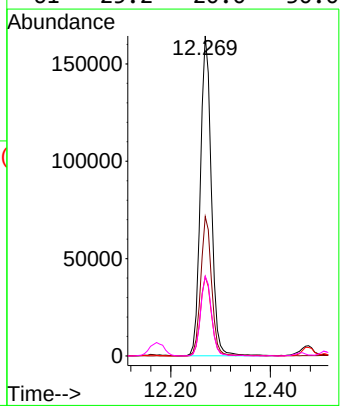
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

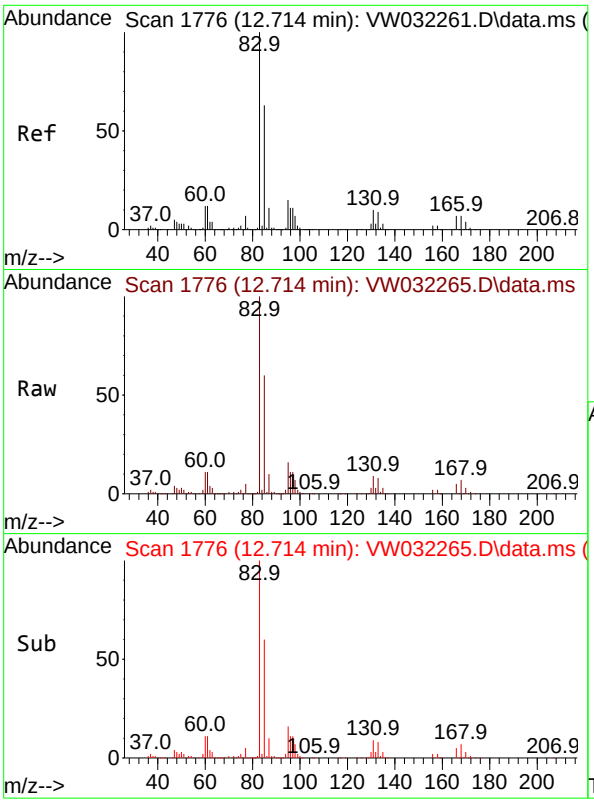


#74
N-amyl acetate
Concen: 51.392 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 43 Resp: 250576

Ion	Ratio	Lower	Upper
43	100		
70	43.0	35.0	52.4
55	25.2	20.6	31.0
61	25.2	20.0	30.0

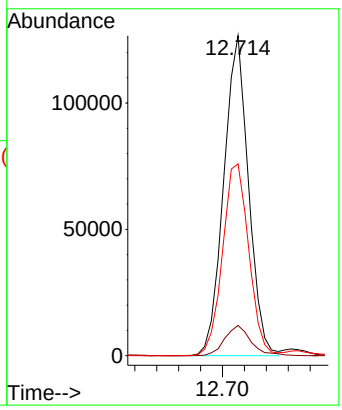




#75
1,1,2,2-Tetrachloroethane
Concen: 48.912 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 83 Resp: 19855

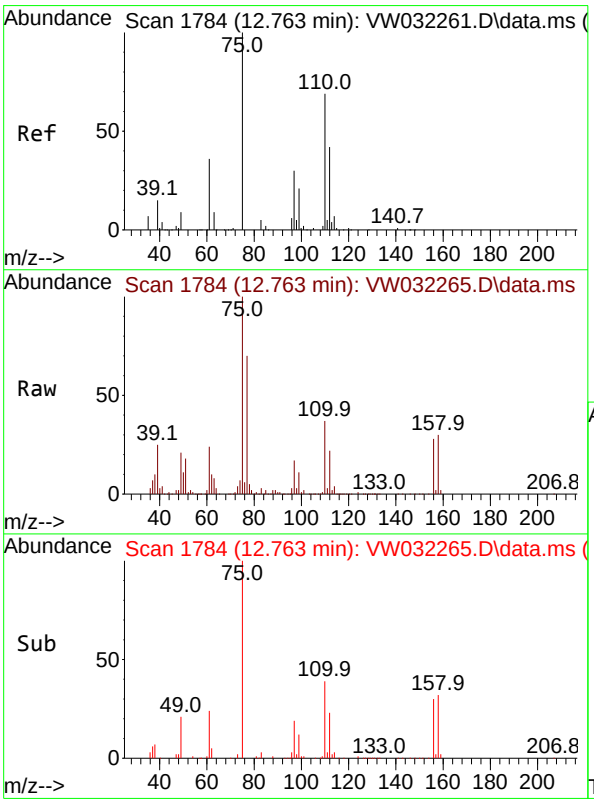
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	63.6	31.9	95.7



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

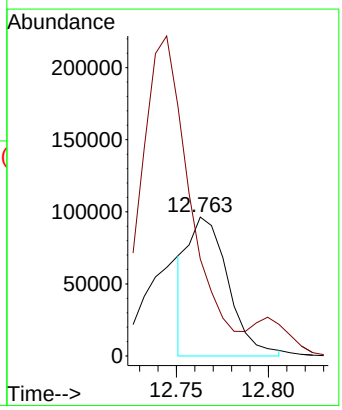
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

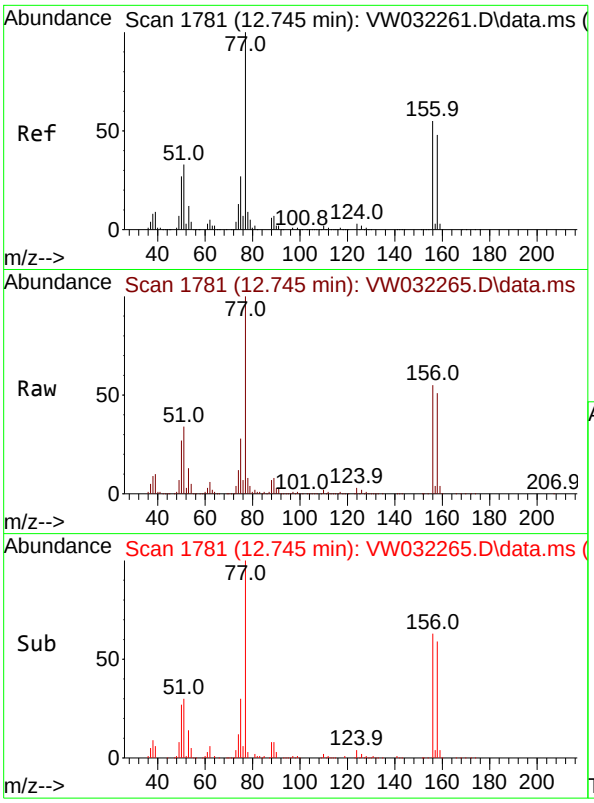


#76
1,2,3-Trichloropropane
Concen: 47.756 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 75 Resp: 146151

Ion	Ratio	Lower	Upper
75	100		
77	284.9	140.9	422.7

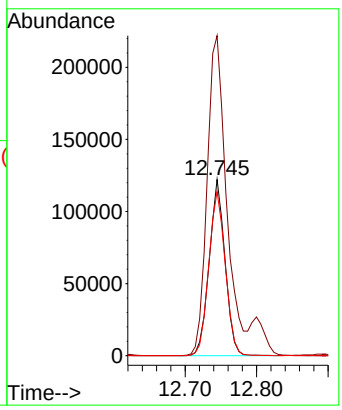




#77
Bromobenzene
Concen: 49.278 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:156 Resp: 18766

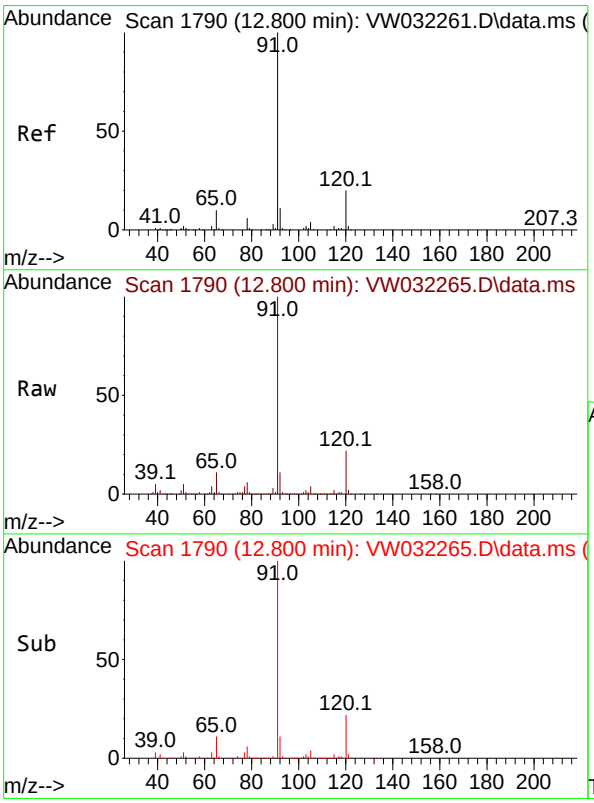
Ion	Ratio	Lower	Upper
156	100		
77	221.9	103.3	309.8
158	97.4	45.4	136.2



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

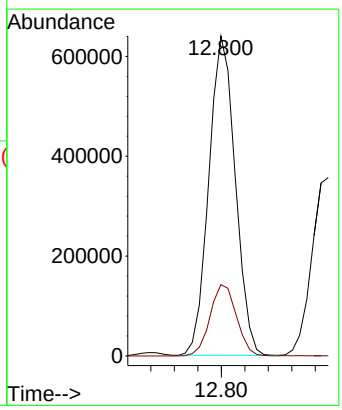
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

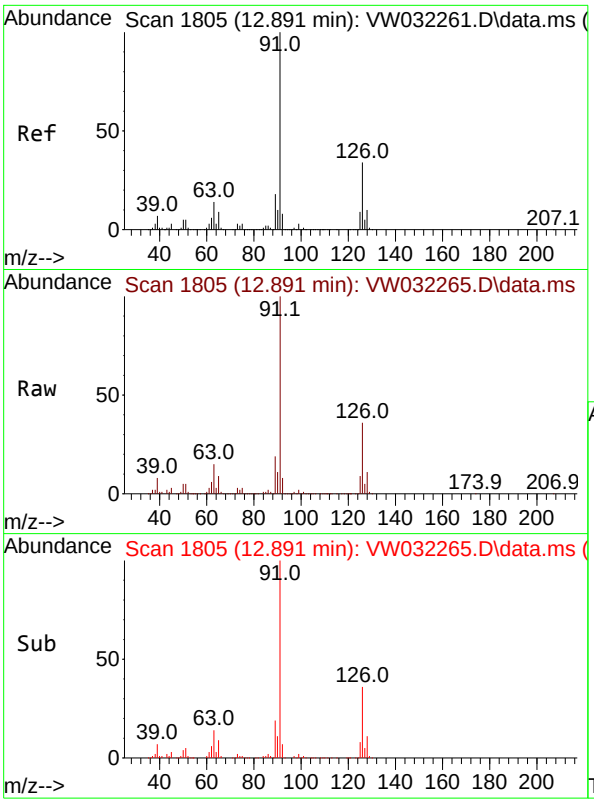


#78
n-propylbenzene
Concen: 51.435 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 91 Resp: 1000306

Ion	Ratio	Lower	Upper
91	100		
120	22.3	10.9	32.9

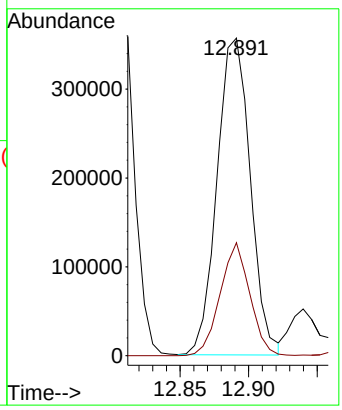




#79
2-Chlorotoluene
Concen: 51.132 ug/l
RT: 12.891 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 91 Resp: 60238

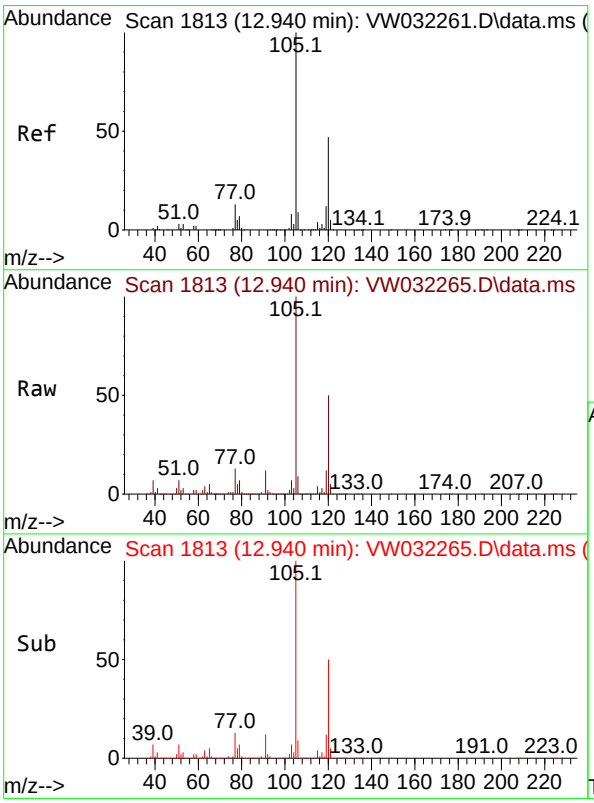
Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.3	48.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

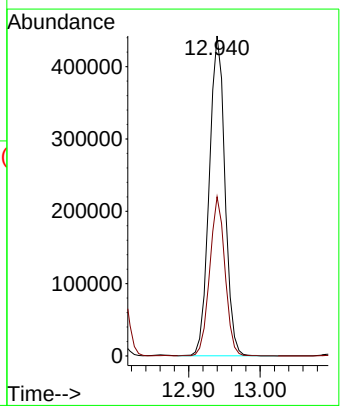
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

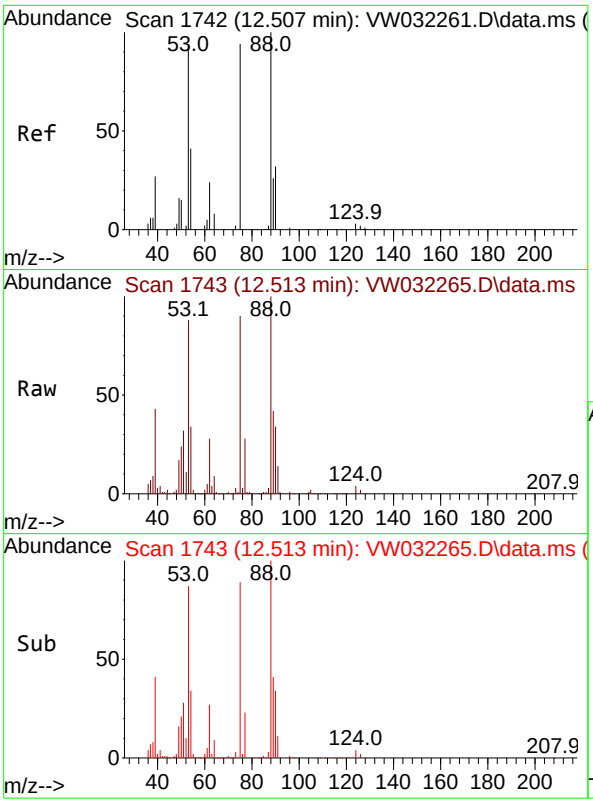


#80
1,3,5-Trimethylbenzene
Concen: 50.853 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:105 Resp: 673147

Ion	Ratio	Lower	Upper
105	100		
120	48.2	24.1	72.2

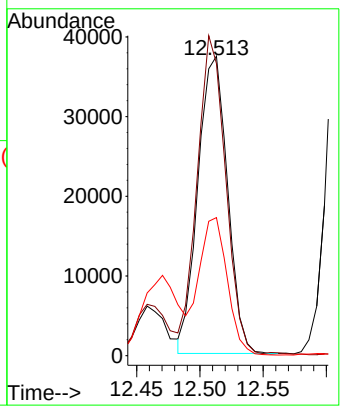




#81
trans-1,4-Dichloro-2-butene
Concen: 51.360 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 75 Resp: 6051

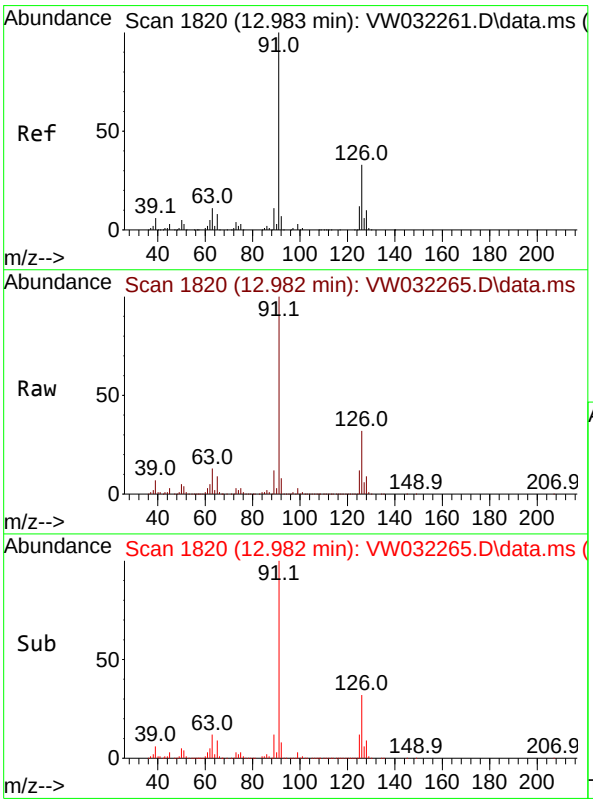
Ion	Ratio	Lower	Upper
75	100		
53	103.0	81.4	122.2
89	44.6	35.4	53.2



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

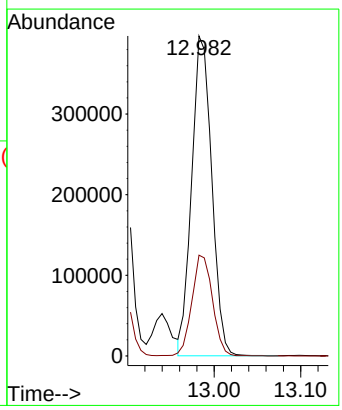
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

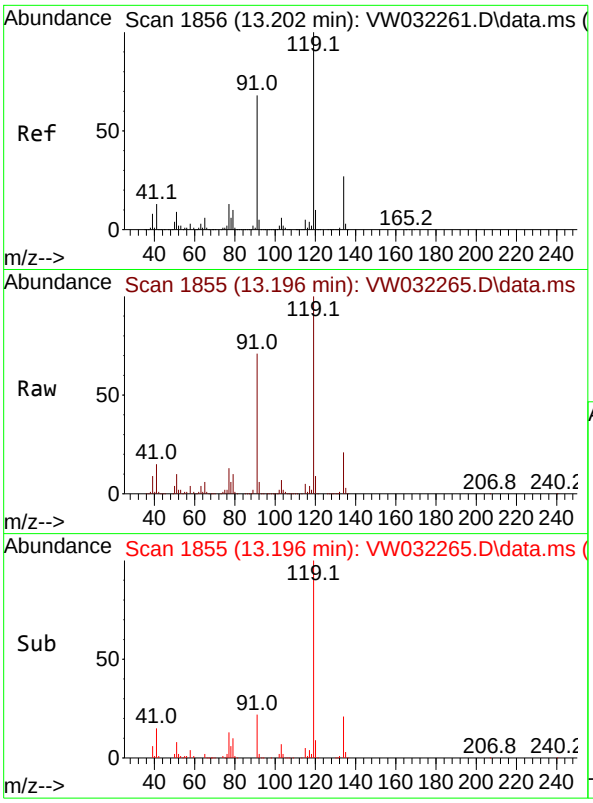


#82
4-Chlorotoluene
Concen: 51.201 ug/l
RT: 12.982 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 91 Resp: 637484

Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.5	49.5

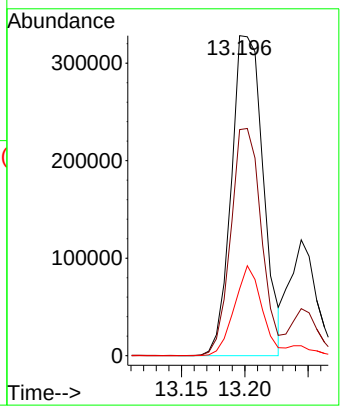




#83
tert-Butylbenzene
Concen: 52.118 ug/l
RT: 13.196 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:119 Resp: 57696

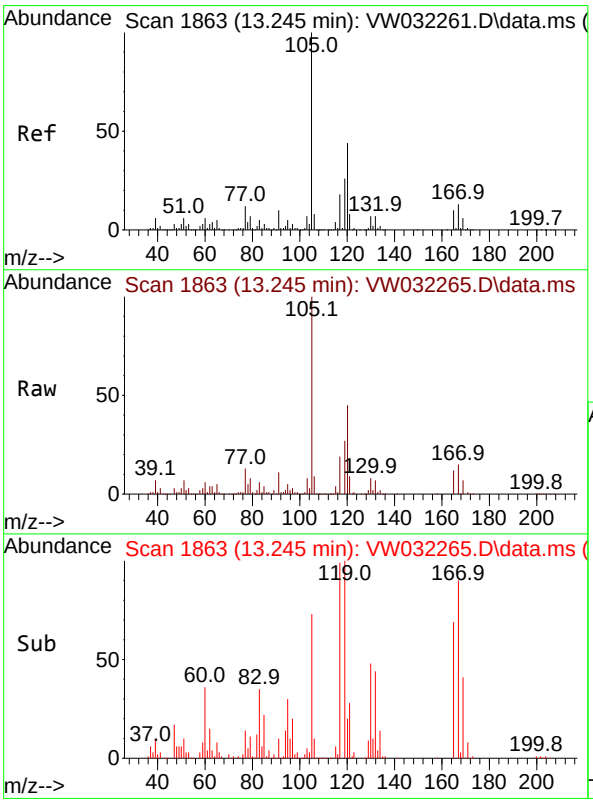
Ion	Ratio	Lower	Upper
119	100		
91	67.6	35.5	106.5
134	24.6	13.5	40.4



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

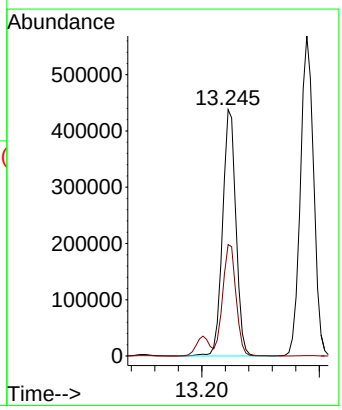
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

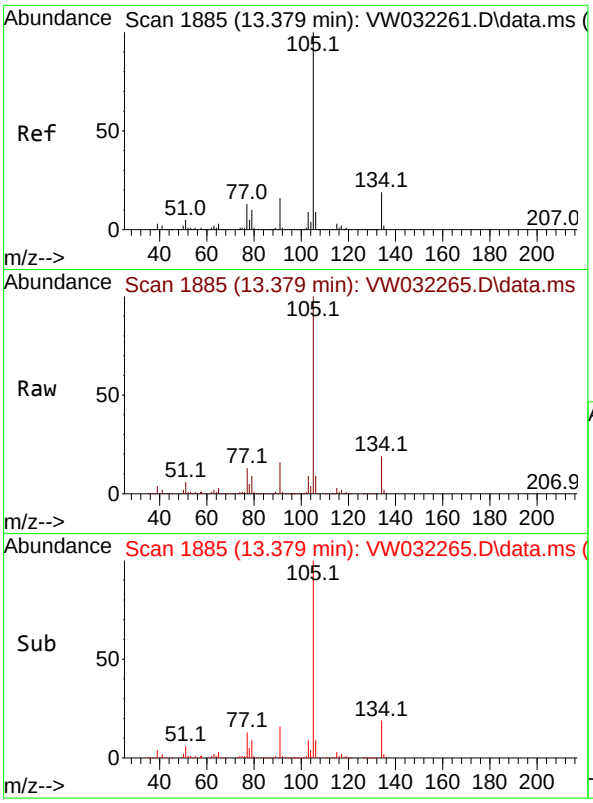


#84
1,2,4-Trimethylbenzene
Concen: 51.317 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:105 Resp: 689694

Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.8	68.3

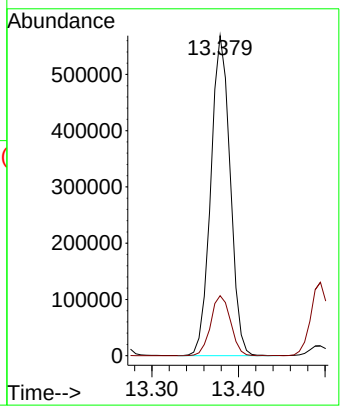




#85
sec-Butylbenzene
Concen: 53.137 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:105 Resp: 88335

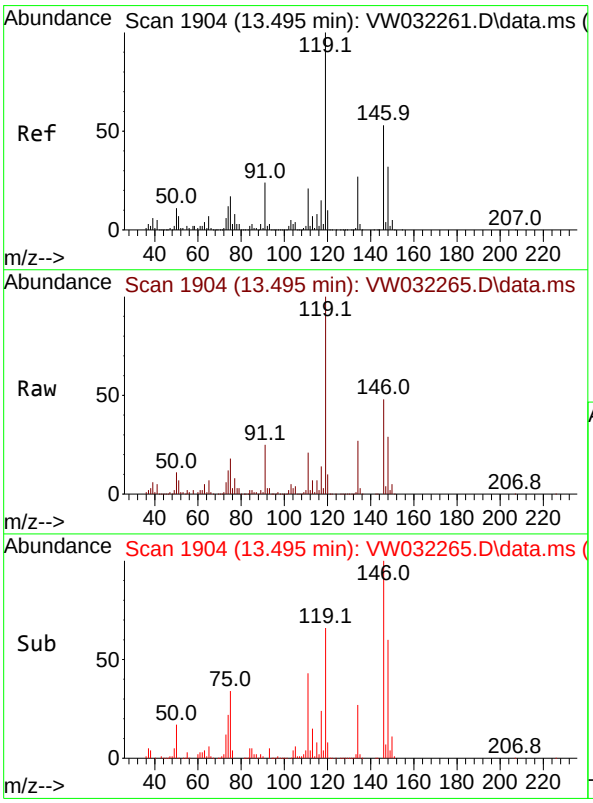
Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.5



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

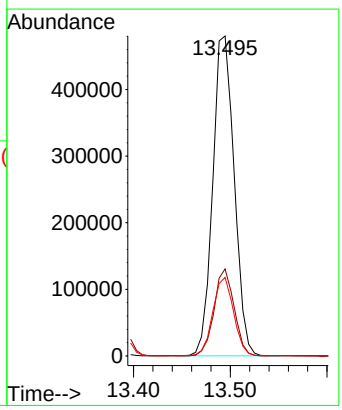
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

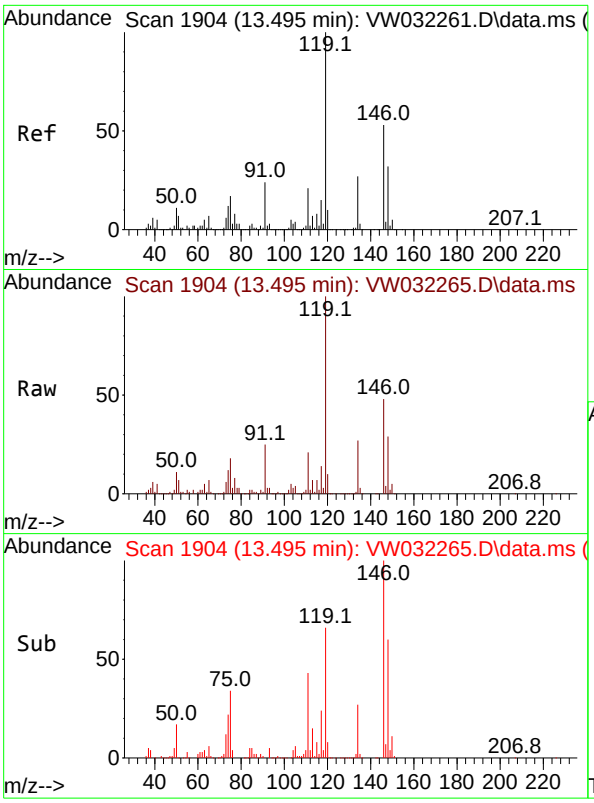


#86
p-Isopropyltoluene
Concen: 53.640 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:119 Resp: 738513

Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.5	37.5
91	23.7	12.1	36.3

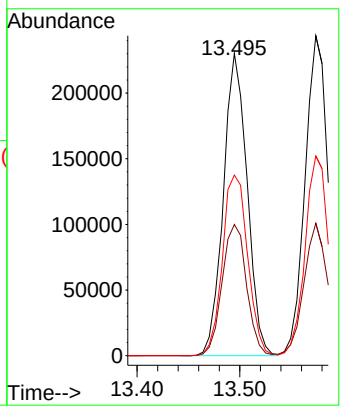




#87
1,3-Dichlorobenzene
Concen: 49.081 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:146 Resp: 36970

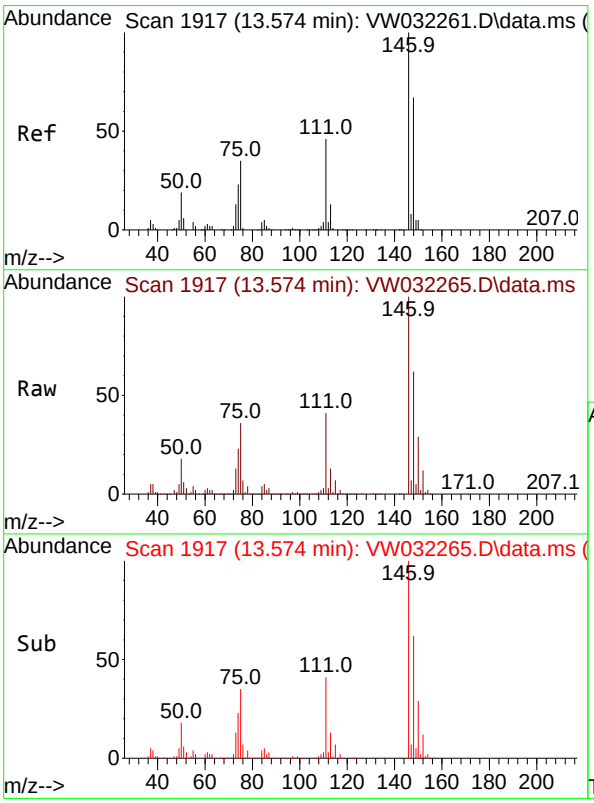
Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.9	65.5
148	63.4	31.9	95.9



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

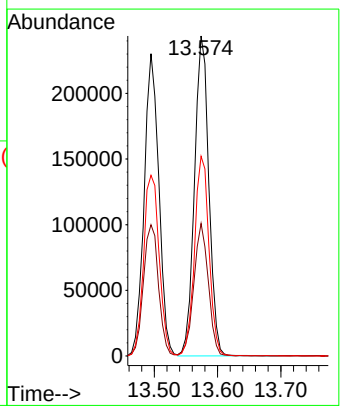
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

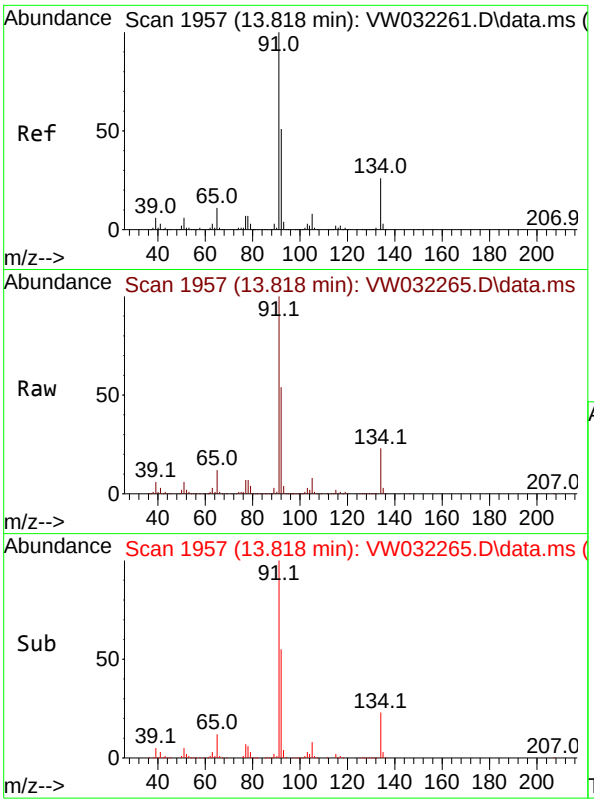


#88
1,4-Dichlorobenzene
Concen: 50.107 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:146 Resp: 385587

Ion	Ratio	Lower	Upper
146	100		
111	41.7	22.4	67.2
148	62.9	34.4	103.1

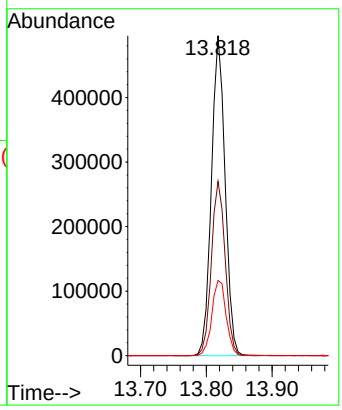




#89
n-Butylbenzene
Concen: 51.933 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 91 Resp: 71755

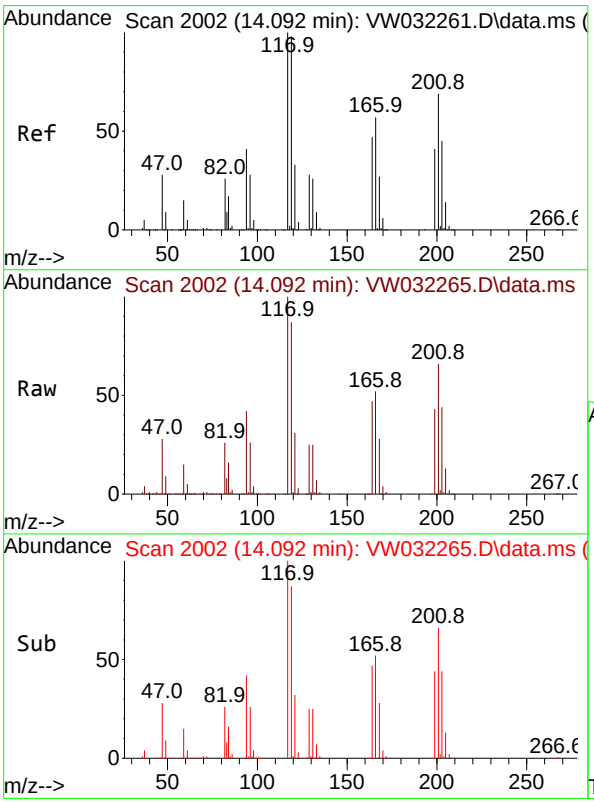
Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.7	80.1
134	24.6	12.3	36.8



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

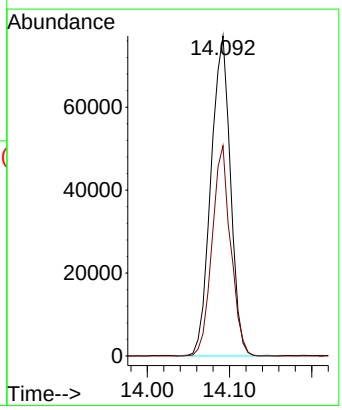
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

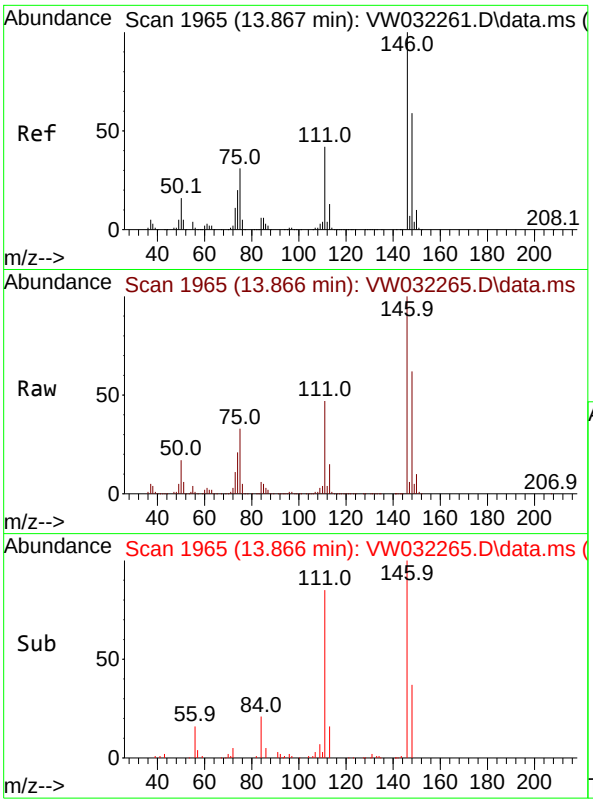


#90
Hexachloroethane
Concen: 49.603 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:117 Resp: 127284

Ion	Ratio	Lower	Upper
117	100		
201	62.7	31.4	94.0

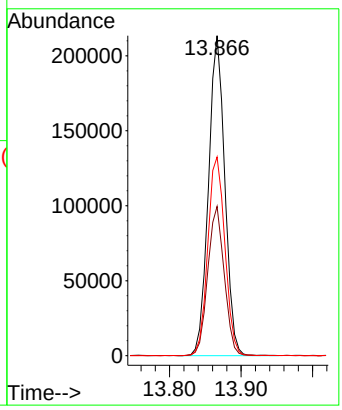




#91
1,2-Dichlorobenzene
Concen: 47.990 ug/l
RT: 13.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:146 Resp: 33816

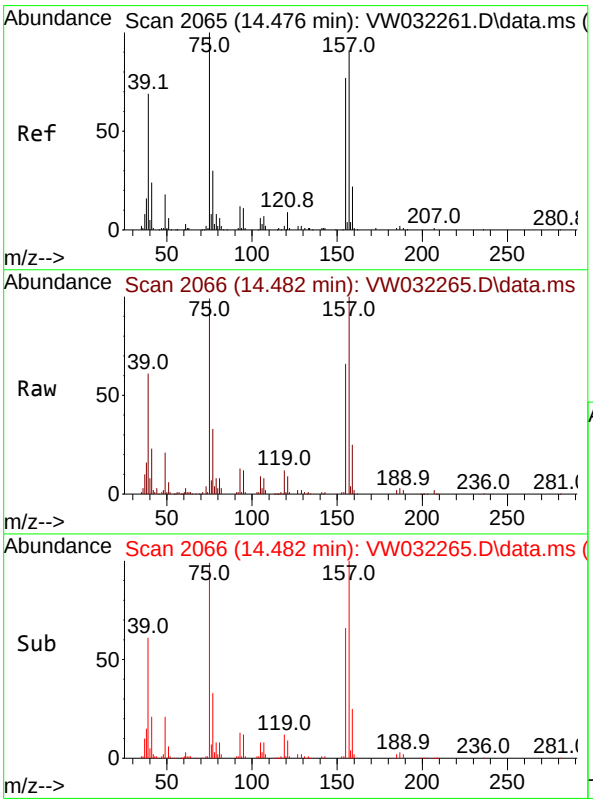
Ion	Ratio	Lower	Upper
146	100		
111	46.9	21.9	65.8
148	65.0	31.9	95.5



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
APPROVED

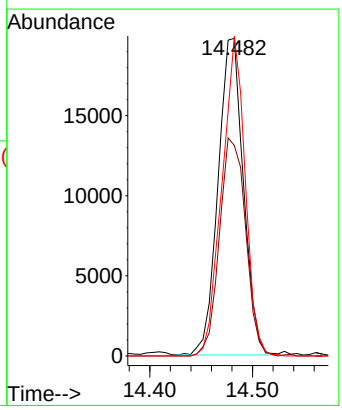
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

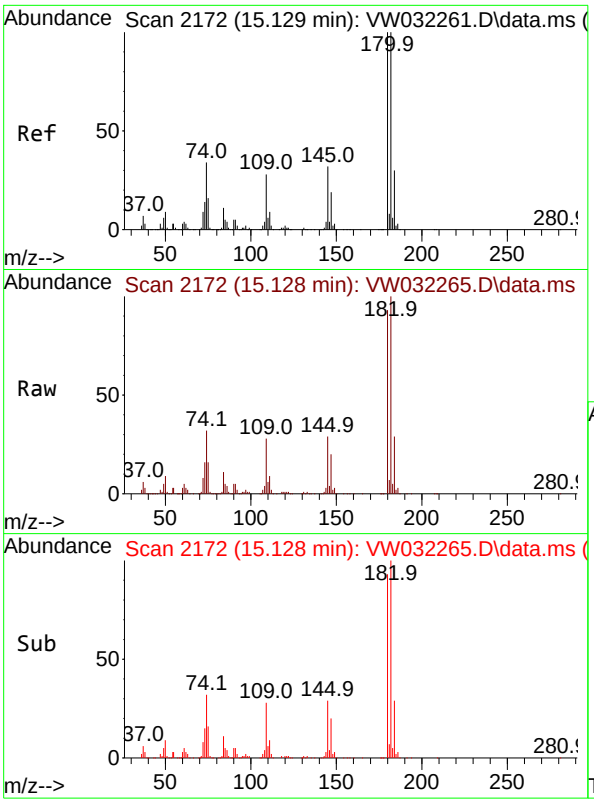


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.711 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion: 75 Resp: 33822

Ion	Ratio	Lower	Upper
75	100		
155	71.0	38.2	114.6
157	92.5	47.0	141.0





#93
1,2,4-Trichlorobenzene
Concen: 49.989 ug/l
RT: 15.128 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

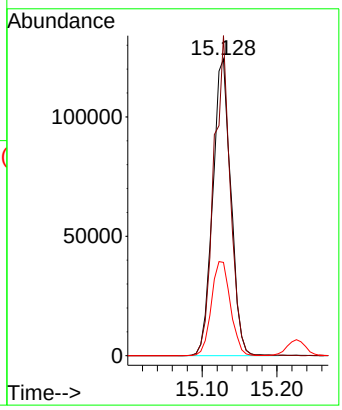
Tgt Ion:180 Resp: 20897

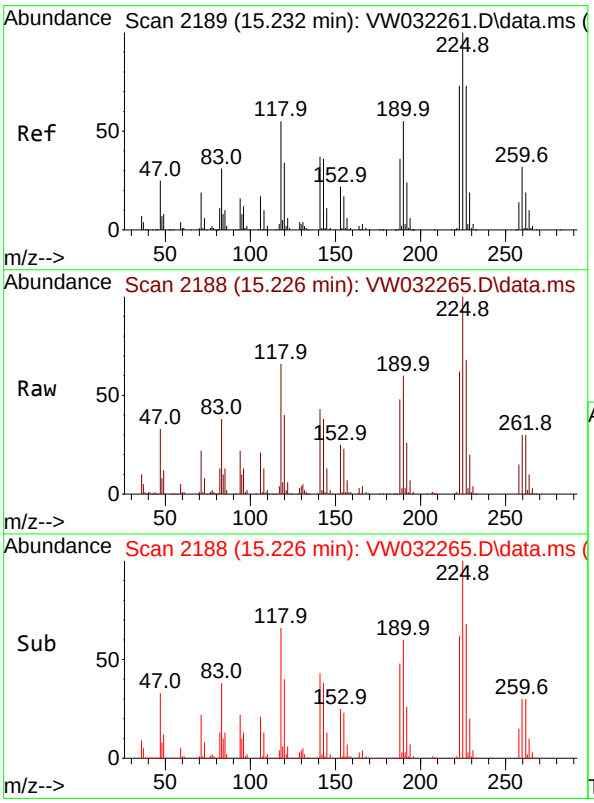
Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.4	145.3
145	33.4	16.9	50.7

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

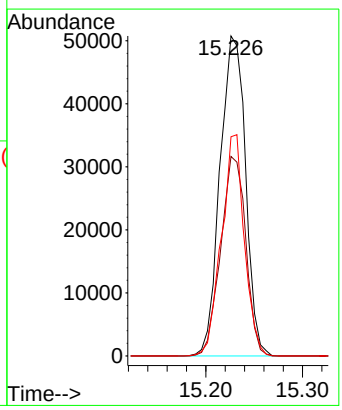


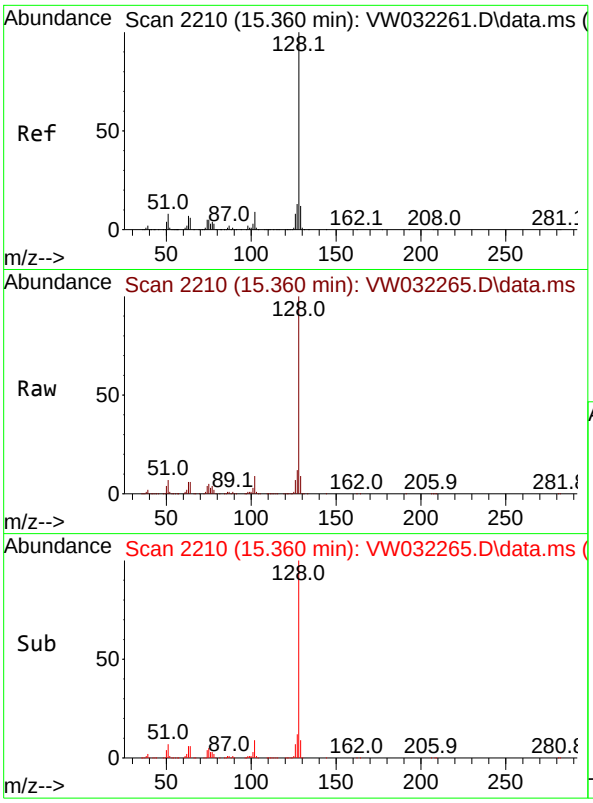


#94
Hexachlorobutadiene
Concen: 48.387 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:225 Resp: 92899

Ion	Ratio	Lower	Upper
225	100		
223	61.2	36.4	109.2
227	62.3	36.4	109.2

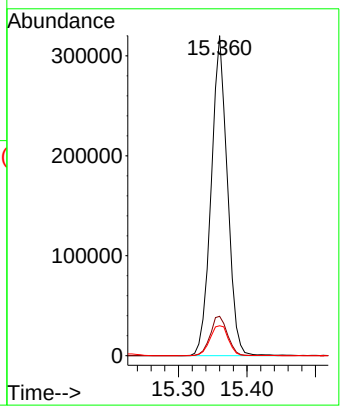




#95
Naphthalene
Concen: 52.320 ug/l
RT: 15.360 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:128 Resp: 52495

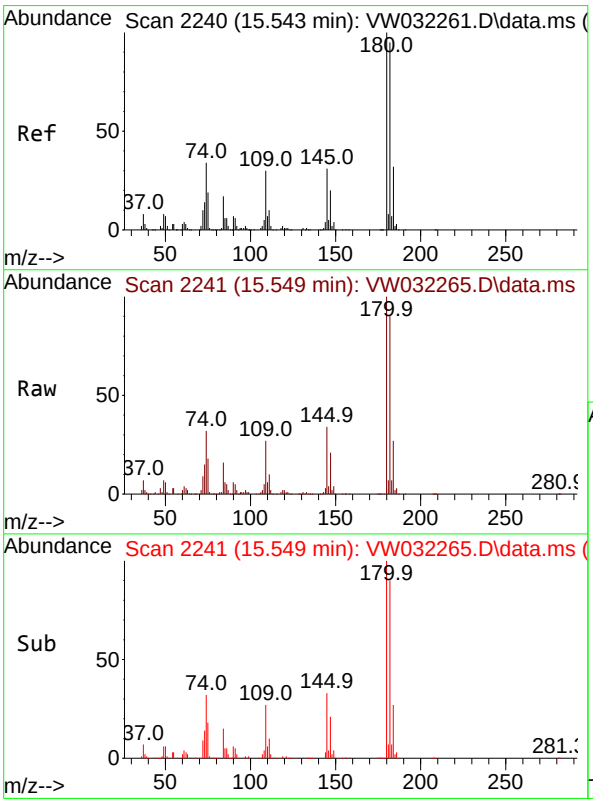
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.7	9.0	13.4



Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Manual Integrations APPROVED

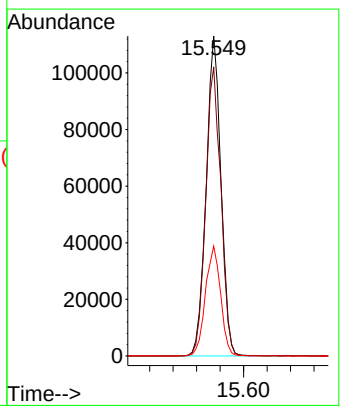
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.008 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032265.D
Acq: 25 Sep 2025 14:41

Tgt Ion:180 Resp: 198272

Ion	Ratio	Lower	Upper
180	100		
182	92.2	45.5	136.4
145	35.1	18.1	54.1



Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	105	0.00
2	T	Dichlorodifluoromethane	0.345	0.281	18.6	99	0.00
3	P	Chloromethane	0.494	0.418	15.4	103	0.00
4	C	Vinyl Chloride	0.578	0.519	10.2#	101	0.00
5	T	Bromomethane	0.394	0.361	8.4	103	0.00
6	T	Chloroethane	0.391	0.357	8.7	104	0.00
7	T	Trichlorofluoromethane	0.435	0.370	14.9	101	0.00
8	T	Diethyl Ether	0.412	0.359	12.9	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.556	0.504	9.4	100	0.00
10	T	Methyl Iodide	0.751	0.698	7.1	103	0.01
11	T	Tert butyl alcohol	0.055	0.051	7.3	117	0.00
12	CM	1,1-Dichloroethene	0.594	0.536	9.8#	102	0.00
13	T	Acrolein	0.098	0.086	12.2	100	0.00
14	T	Allyl chloride	0.922	0.867	6.0	103	0.00
15	T	Acrylonitrile	0.212	0.195	8.0	108	0.00
16	T	Acetone	0.203	0.200	1.5	128	0.00
17	T	Carbon Disulfide	1.365	1.239	9.2	103	0.00
18	T	Methyl Acetate	0.697	0.718	-3.0	102	0.00
19	T	Methyl tert-butyl Ether	1.101	1.102	-0.1	108	0.00
20	T	Methylene Chloride	0.991	0.636	35.8#	89	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.591	7.7	102	0.00
22	T	Diisopropyl ether	2.048	1.963	4.2	102	0.00
23	T	Vinyl Acetate	1.317	1.256	4.6	108	0.00
24	P	1,1-Dichloroethane	1.293	1.190	8.0	101	0.00
25	T	2-Butanone	0.283	0.277	2.1	115	0.00
26	T	2,2-Dichloropropane	0.637	0.602	5.5	105	0.00
27	T	cis-1,2-Dichloroethene	0.796	0.738	7.3	101	0.00
28	T	Bromochloromethane	0.617	0.572	7.3	101	0.00
29	T	Tetrahydrofuran	0.183	0.171	6.6	108	0.00
30	C	Chloroform	1.349	1.229	8.9#	100	0.00
31	T	Cyclohexane	1.019	0.881	13.5	101	0.00
32	T	1,1,1-Trichloroethane	0.909	0.838	7.8	100	0.00
33	S	1,2-Dichloroethane-d4	0.789	0.698	11.5	103	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35	S	Dibromofluoromethane	0.360	0.325	9.7	100	0.00
36	T	1,1-Dichloropropene	0.485	0.460	5.2	102	0.00
37	T	Ethyl Acetate	0.322	0.300	6.8	107	0.00
38	T	Carbon Tetrachloride	0.456	0.429	5.9	103	0.00
39	T	Methylcyclohexane	0.561	0.544	3.0	102	0.00
40	TM	Benzene	1.526	1.433	6.1	101	0.00
41	T	Methacrylonitrile	0.184	0.180	2.2	109	0.00
42	TM	1,2-Dichloroethane	0.507	0.475	6.3	105	0.00
43	T	Isopropyl Acetate	0.576	0.562	2.4	110	0.00
44	TM	Trichloroethene	0.357	0.335	6.2	104	0.00
45	C	1,2-Dichloropropane	0.395	0.364	7.8#	99	0.00
46	T	Dibromomethane	0.243	0.227	6.6	103	0.00
47	T	Bromodichloromethane	0.554	0.515	7.0	99	0.00
48	T	Methyl methacrylate	0.271	0.273	-0.7	109	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	104	0.00
50	S	Toluene-d8	1.296	1.214	6.3	104	0.00
51	T	4-Methyl-2-Pentanone	0.341	0.331	2.9	109	0.00
52	CM	Toluene	0.946	0.919	2.9#	105	0.00
53	T	t-1,3-Dichloropropene	0.508	0.509	-0.2	107	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.572	2.4	104	0.00
55	T	1,1,2-Trichloroethane	0.332	0.304	8.4	103	0.00
56	T	Ethyl methacrylate	0.437	0.441	-0.9	108	0.00
57	T	1,3-Dichloropropane	0.573	0.542	5.4	102	0.00
58	T	2-Chloroethyl Vinyl ether	0.240	0.255	-6.3	108	0.00
59	T	2-Hexanone	0.233	0.235	-0.9	112	0.00
60	T	Dibromochloromethane	0.364	0.342	6.0	99	0.00
61	T	1,2-Dibromoethane	0.314	0.296	5.7	103	0.00
62	S	4-Bromofluorobenzene	0.489	0.455	7.0	101	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.305	0.299	2.0	101	0.00
65	PM	Chlorobenzene	1.152	1.106	4.0	100	0.00
66	T	1,1,1,2-Tetrachloroethane	0.364	0.361	0.8	102	0.00
67	C	Ethyl Benzene	1.885	1.896	-0.6#	103	0.00
68	T	m/p-Xylenes	0.723	0.732	-1.2	104	0.00
69	T	o-Xylene	0.679	0.690	-1.6	100	0.00
70	T	Styrene	1.191	1.243	-4.4	102	0.00
71	P	Bromoform	0.212	0.205	3.3	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73	T	Isopropylbenzene	3.480	3.655	-5.0	103	0.00
74	T	N-amyl acetate	1.096	1.126	-2.7	108	0.00
75	P	1,1,2,2-Tetrachloroethane	0.912	0.893	2.1	105	0.00
76	T	1,2,3-Trichloropropane	0.688	0.657	4.5	103	0.00
77	T	Bromobenzene	0.856	0.844	1.4	96	0.00
78	T	n-propylbenzene	4.371	4.497	-2.9	100	0.00
79	T	2-Chlorotoluene	2.648	2.708	-2.3	102	0.00
80	T	1,3,5-Trimethylbenzene	2.975	3.026	-1.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	0.265	0.272	-2.6	105	0.00
82	T	4-Chlorotoluene	2.799	2.866	-2.4	102	0.00
83	T	tert-Butylbenzene	2.488	2.594	-4.3	103	0.00
84	T	1,2,4-Trimethylbenzene	3.021	3.100	-2.6	101	0.00
85	T	sec-Butylbenzene	3.737	3.971	-6.3	104	0.00
86	T	p-Isopropyltoluene	3.095	3.320	-7.3	102	0.00
87	T	1,3-Dichlorobenzene	1.693	1.662	1.8	100	0.00
88	T	1,4-Dichlorobenzene	1.730	1.733	-0.2	108	0.00
89	T	n-Butylbenzene	3.106	3.226	-3.9	102	0.00
90	T	Hexachloroethane	0.577	0.572	0.9	104	0.00
91	T	1,2-Dichlorobenzene	1.584	1.520	4.0	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.156	0.152	2.6	110	0.00
93	T	1,2,4-Trichlorobenzene	0.940	0.939	0.1	102	0.00
94	T	Hexachlorobutadiene	0.432	0.418	3.2	111	0.00
95	T	Naphthalene	2.255	2.360	-4.7	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	0.874	0.891	-1.9	104	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	105	0.00
2	T	Dichlorodifluoromethane	50.000	40.645	18.7	99	0.00
3	P	Chloromethane	50.000	42.288	15.4	103	0.00
4	C	Vinyl Chloride	50.000	44.912	10.2#	101	0.00
5	T	Bromomethane	50.000	45.811	8.4	103	0.00
6	T	Chloroethane	50.000	45.637	8.7	104	0.00
7	T	Trichlorofluoromethane	50.000	42.509	15.0	101	0.00
8	T	Diethyl Ether	50.000	43.674	12.7	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.364	9.3	100	0.00
10	T	Methyl Iodide	50.000	46.427	7.1	103	0.01
11	T	Tert butyl alcohol	250.000	232.801	6.9	117	0.00
12	CM	1,1-Dichloroethene	50.000	45.171	9.7#	102	0.00
13	T	Acrolein	250.000	220.732	11.7	100	0.00
14	T	Allyl chloride	50.000	47.051	5.9	103	0.00
15	T	Acrylonitrile	250.000	229.914	8.0	108	0.00
16	T	Acetone	250.000	246.593	1.4	128	0.00
17	T	Carbon Disulfide	50.000	45.366	9.3	103	0.00
18	T	Methyl Acetate	50.000	51.476	-3.0	102	0.00
19	T	Methyl tert-butyl Ether	50.000	50.070	-0.1	108	0.00
20	T	Methylene Chloride	50.000	42.256	15.5	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.181	7.6	102	0.00
22	T	Diisopropyl ether	50.000	47.929	4.1	102	0.00
23	T	Vinyl Acetate	250.000	238.412	4.6	108	0.00
24	P	1,1-Dichloroethane	50.000	46.013	8.0	101	0.00
25	T	2-Butanone	250.000	244.766	2.1	115	0.00
26	T	2,2-Dichloropropane	50.000	47.257	5.5	105	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.321	7.4	101	0.00
28	T	Bromochloromethane	50.000	46.350	7.3	101	0.00
29	T	Tetrahydrofuran	250.000	232.669	6.9	108	0.00
30	C	Chloroform	50.000	45.544	8.9#	100	0.00
31	T	Cyclohexane	50.000	43.225	13.5	101	0.00
32	T	1,1,1-Trichloroethane	50.000	46.116	7.8	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.214	11.6	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	45.177	9.6	100	0.00
36	T	1,1-Dichloropropene	50.000	47.457	5.1	102	0.00
37	T	Ethyl Acetate	50.000	46.666	6.7	107	0.00
38	T	Carbon Tetrachloride	50.000	47.040	5.9	103	0.00
39	T	Methylcyclohexane	50.000	48.487	3.0	102	0.00
40	TM	Benzene	50.000	46.957	6.1	101	0.00
41	T	Methacrylonitrile	50.000	48.829	2.3	109	0.00
42	TM	1,2-Dichloroethane	50.000	46.783	6.4	105	0.00
43	T	Isopropyl Acetate	50.000	48.820	2.4	110	0.00
44	TM	Trichloroethene	50.000	46.998	6.0	104	0.00
45	C	1,2-Dichloropropane	50.000	46.014	8.0#	99	0.00
46	T	Dibromomethane	50.000	46.647	6.7	103	0.00
47	T	Bromodichloromethane	50.000	46.492	7.0	99	0.00
48	T	Methyl methacrylate	50.000	50.368	-0.7	109	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	970.255	3.0	104	0.00
50	S	Toluene-d8	50.000	46.839	6.3	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.856	2.9	109	0.00
52	CM	Toluene	50.000	48.589	2.8#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	50.162	-0.3	107	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.823	2.4	104	0.00
55	T	1,1,2-Trichloroethane	50.000	45.866	8.3	103	0.00
56	T	Ethyl methacrylate	50.000	50.508	-1.0	108	0.00
57	T	1,3-Dichloropropane	50.000	47.265	5.5	102	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.090	-6.4	108	0.00
59	T	2-Hexanone	250.000	252.380	-1.0	112	0.00
60	T	Dibromochloromethane	50.000	46.885	6.2	99	0.00
61	T	1,2-Dibromoethane	50.000	47.160	5.7	103	0.00
62	S	4-Bromofluorobenzene	50.000	46.588	6.8	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	49.112	1.8	101	0.00
65	PM	Chlorobenzene	50.000	48.030	3.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.606	0.8	102	0.00
67	C	Ethyl Benzene	50.000	50.283	-0.6#	103	0.00
68	T	m/p-Xylenes	100.000	101.354	-1.4	104	0.00
69	T	o-Xylene	50.000	50.802	-1.6	100	0.00
70	T	Styrene	50.000	52.165	-4.3	102	0.00
71	P	Bromoform	50.000	48.298	3.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73	T	Isopropylbenzene	50.000	52.514	-5.0	103	0.00
74	T	N-amyl acetate	50.000	51.392	-2.8	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.912	2.2	105	0.00
76	T	1,2,3-Trichloropropane	50.000	47.756	4.5	103	0.00
77	T	Bromobenzene	50.000	49.278	1.4	96	0.00
78	T	n-propylbenzene	50.000	51.435	-2.9	100	0.00
79	T	2-Chlorotoluene	50.000	51.132	-2.3	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.853	-1.7	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.360	-2.7	105	0.00
82	T	4-Chlorotoluene	50.000	51.201	-2.4	102	0.00
83	T	tert-Butylbenzene	50.000	52.118	-4.2	103	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.317	-2.6	101	0.00
85	T	sec-Butylbenzene	50.000	53.137	-6.3	104	0.00
86	T	p-Isopropyltoluene	50.000	53.640	-7.3	102	0.00
87	T	1,3-Dichlorobenzene	50.000	49.081	1.8	100	0.00
88	T	1,4-Dichlorobenzene	50.000	50.107	-0.2	108	0.00
89	T	n-Butylbenzene	50.000	51.933	-3.9	102	0.00
90	T	Hexachloroethane	50.000	49.603	0.8	104	0.00
91	T	1,2-Dichlorobenzene	50.000	47.990	4.0	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.711	2.6	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.989	0.0	102	0.00
94	T	Hexachlorobutadiene	50.000	48.387	3.2	111	0.00
95	T	Naphthalene	50.000	52.320	-4.6	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032265.D
Acq On : 25 Sep 2025 14:41
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVVW092525

Quant Time: Sep 26 07:14:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	51.008	-2.0	104	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG No.: Q3178

Instrument ID: MSVOA_W | Calibration Date/Time: 09/24/2025 12:59

Lab File ID: VW032241.D | Init. Calib. Date(s): 08/26/2025 08/26/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 09:39 12:34

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.330	0.317		-3.94	20
Chloromethane	0.346	0.321	0.1	-7.22	20
Vinyl Chloride	0.450	0.448		-0.44	20
Bromomethane	0.401	0.401		0	20
Chloroethane	0.317	0.327		3.15	20
Trichlorofluoromethane	0.445	0.400		-10.11	20
1,1,2-Trichlorotrifluoroethane	0.502	0.534		6.38	20
1,1-Dichloroethene	0.528	0.575		8.9	20
Acetone	0.155	0.149		-3.87	20
Carbon Disulfide	1.322	1.229		-7.03	20
Methyl tert-butyl Ether	0.998	1.103		10.52	20
Methyl Acetate	0.493	0.721		46.25	20
Methylene Chloride	0.725	0.676		-6.76	20
trans-1,2-Dichloroethene	0.590	0.634		7.46	20
1,1-Dichloroethane	1.070	1.179	0.1	10.19	20
Cyclohexane	0.878	0.812		-7.52	20
2-Butanone	0.219	0.242		10.5	20
Carbon Tetrachloride	0.488	0.497		1.84	20
cis-1,2-Dichloroethene	0.718	0.782		8.91	20
Bromochloromethane	0.490	0.567		15.71	20
Chloroform	1.221	1.367		11.96	20
1,1,1-Trichloroethane	0.891	0.977		9.65	20
Methylcyclohexane	0.539	0.522		-3.15	20
Benzene	1.406	1.494		6.26	20
1,2-Dichloroethane	0.487	0.528		8.42	20
Trichloroethene	0.354	0.364		2.83	20
1,2-Dichloropropane	0.339	0.375		10.62	20
Bromodichloromethane	0.540	0.599		10.93	20
4-Methyl-2-Pentanone	0.289	0.331		14.53	20
Toluene	0.919	0.971		5.66	20
t-1,3-Dichloropropene	0.477	0.502		5.24	20
cis-1,3-Dichloropropene	0.544	0.581		6.8	20
1,1,2-Trichloroethane	0.309	0.349		12.94	20
2-Hexanone	0.201	0.231		14.93	20
Dibromochloromethane	0.374	0.426		13.9	20
1,2-Dibromoethane	0.304	0.331		8.88	20
Tetrachloroethene	0.329	0.361		9.73	20
Chlorobenzene	1.138	1.237	0.3	8.7	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	ROYF02
Lab Code:	ACE	SDG No.:	Q3178
Instrument ID:	MSVOA_W	Calibration Date/Time:	09/24/2025 12:59
Lab File ID:	VW032241.D	Init. Calib. Date(s):	08/26/2025 08/26/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	09:39 12:34

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.865	2.028		8.74	20
m/p-Xylenes	0.718	0.782		8.91	20
o-Xylene	0.679	0.737		8.54	20
Styrene	1.197	1.384		15.62	20
Bromoform	0.223	0.245	0.1	9.86	20
Isopropylbenzene	3.397	3.394		-0.09	20
1,1,2,2-Tetrachloroethane	0.807	0.843	0.3	4.46	20
1,3-Dichlorobenzene	1.744	1.745		0.06	20
1,4-Dichlorobenzene	1.748	1.762		0.8	20
1,2-Dichlorobenzene	1.544	1.628		5.44	20
1,2-Dibromo-3-Chloropropane	0.143	0.148		3.5	20
1,2,4-Trichlorobenzene	0.987	0.981		-0.61	20
1,2,3-Trichlorobenzene	0.918	0.945		2.94	20
1,2-Dichloroethane-d4	0.715	0.796		11.33	20
Dibromofluoromethane	0.351	0.386		9.97	20
Toluene-d8	1.231	1.317		6.99	20
4-Bromofluorobenzene	0.455	0.493		8.35	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_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	159364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	285121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	263383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	147797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	126820	55.644	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 111.280%			
35) Dibromofluoromethane	7.898	113	109934	54.956	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 109.920%			
50) Toluene-d8	10.325	98	375602	53.487	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 106.980%			
62) 4-Bromofluorobenzene	12.617	95	140573	54.134	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 108.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	50462	47.960	ug/l	96
3) Chloromethane	2.259	50	51179	46.393	ug/l	100
4) Vinyl Chloride	2.405	62	71326	49.779	ug/l	100
5) Bromomethane	2.820	94	63936	49.968	ug/l	87
6) Chloroethane	2.966	64	52157	51.688	ug/l	98
7) Trichlorofluoromethane	3.302	101	63784	44.928	ug/l	96
8) Diethyl Ether	3.716	74	57140	53.933	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	85171	53.255	ug/l	99
10) Methyl Iodide	4.314	142	130051	53.404	ug/l	98
11) Tert butyl alcohol	5.228	59	34067	244.370	ug/l	98
12) 1,1-Dichloroethene	4.076	96	91646	54.413	ug/l	97
13) Acrolein	3.930	56	8421	39.297	ug/l	95
14) Allyl chloride	4.704	41	121556	50.809	ug/l	99
15) Acrylonitrile	5.405	53	144458	280.449	ug/l	100
16) Acetone	4.161	43	118689	240.461	ug/l	99
17) Carbon Disulfide	4.417	76	195933	46.511	ug/l	97
18) Methyl Acetate	4.704	43	114902	73.062	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	175812	55.278	ug/l	99
20) Methylene Chloride	4.948	84	107657	53.735	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	100969	53.663	ug/l	95
22) Diisopropyl ether	6.344	45	297735	57.180	ug/l	95
23) Vinyl Acetate	6.283	43	910958	257.319	ug/l	99
24) 1,1-Dichloroethane	6.240	63	187934	55.131	ug/l	99
25) 2-Butanone	7.191	43	193146	276.147	ug/l	98
26) 2,2-Dichloropropane	7.191	77	90367	50.059	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	124653	54.445	ug/l	98
28) Bromochloromethane	7.533	49	90321	57.881	ug/l	97
29) Tetrahydrofuran	7.557	42	126259	284.070	ug/l	98
30) Chloroform	7.691	83	217916	55.991	ug/l	95
31) Cyclohexane	7.972	56	129420	46.256	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	155704	54.804	ug/l	99
36) 1,1-Dichloropropene	8.093	75	133665	51.535	ug/l	99
37) Ethyl Acetate	7.277	43	82193	52.826	ug/l	100
38) Carbon Tetrachloride	8.081	117	141782	50.993	ug/l	98
39) Methylcyclohexane	9.343	83	148947	48.484	ug/l	96
40) Benzene	8.337	78	426097	53.147	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	45837	53.025	ug/l		96
42) 1,2-Dichloroethane	8.410	62	150558	54.171	ug/l		99
43) Isopropyl Acetate	8.435	43	151768	51.995	ug/l		98
44) Trichloroethene	9.099	130	103757	51.462	ug/l		90
45) 1,2-Dichloropropane	9.374	63	106903	55.313	ug/l		96
46) Dibromomethane	9.465	93	75073	55.381	ug/l		97
47) Bromodichloromethane	9.648	83	170688	55.409	ug/l		94
48) Methyl methacrylate	9.441	41	73737	54.816	ug/l		95
49) 1,4-Dioxane	9.465	88	19214	1173.130	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.215	43	471771	286.239	ug/l		99
52) Toluene	10.392	92	276980	52.868	ug/l		97
53) t-1,3-Dichloropropene	10.605	75	143109	52.661	ug/l		98
54) cis-1,3-Dichloropropene	10.075	75	165518	53.380	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	99488	56.440	ug/l		97
56) Ethyl methacrylate	10.648	69	124101	55.068	ug/l		99
57) 1,3-Dichloropropane	10.934	76	162268	54.977	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	362434	301.308	ug/l		99
59) 2-Hexanone	10.971	43	328975	286.998	ug/l		99
60) Dibromochloromethane	11.130	129	121475	56.950	ug/l		99
61) 1,2-Dibromoethane	11.239	107	94474	54.500	ug/l		99
64) Tetrachloroethene	10.861	164	95085	54.852	ug/l		95
65) Chlorobenzene	11.660	112	325820	54.349	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.733	131	110786	56.131	ug/l		96
67) Ethyl Benzene	11.733	91	534019	54.368	ug/l		99
68) m/p-Xylenes	11.837	106	412192	109.038	ug/l		100
69) o-Xylene	12.166	106	194080	54.277	ug/l		99
70) Styrene	12.178	104	364451	57.819	ug/l		97
71) Bromoform	12.349	173	64592	55.101	ug/l	#	97
73) Isopropylbenzene	12.465	105	501620	49.958	ug/l		98
74) N-amyl acetate	12.270	43	138299	47.441	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.709	83	124582	52.209	ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	87585m	47.302	ug/l		
77) Bromobenzene	12.745	156	132779	51.857	ug/l		96
78) n-propylbenzene	12.800	91	624108	51.197	ug/l		98
79) 2-Chlorotoluene	12.891	91	383600	51.459	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	437834	51.503	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.507	75	34736	50.511	ug/l		96
82) 4-Chlorotoluene	12.983	91	397572	49.825	ug/l		97
83) tert-Butylbenzene	13.202	119	371745	51.573	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	451989	51.391	ug/l		99
85) sec-Butylbenzene	13.379	105	537371	49.932	ug/l		100
86) p-Isopropyltoluene	13.495	119	455074	49.723	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	257879	50.020	ug/l		97
88) 1,4-Dichlorobenzene	13.574	146	260422	50.395	ug/l		96
89) n-Butylbenzene	13.818	91	432965	49.621	ug/l		98
90) Hexachloroethane	14.092	117	83029	49.598	ug/l		95
91) 1,2-Dichlorobenzene	13.867	146	240599	52.711	ug/l		95
92) 1,2-Dibromo-3-Chloropr...	14.476	75	21859	51.853	ug/l		96
93) 1,2,4-Trichlorobenzene	15.123	180	145050	49.738	ug/l		99
94) Hexachlorobutadiene	15.226	225	67827	46.895	ug/l		98
95) Naphthalene	15.360	128	340442	51.582	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	139633	51.484	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

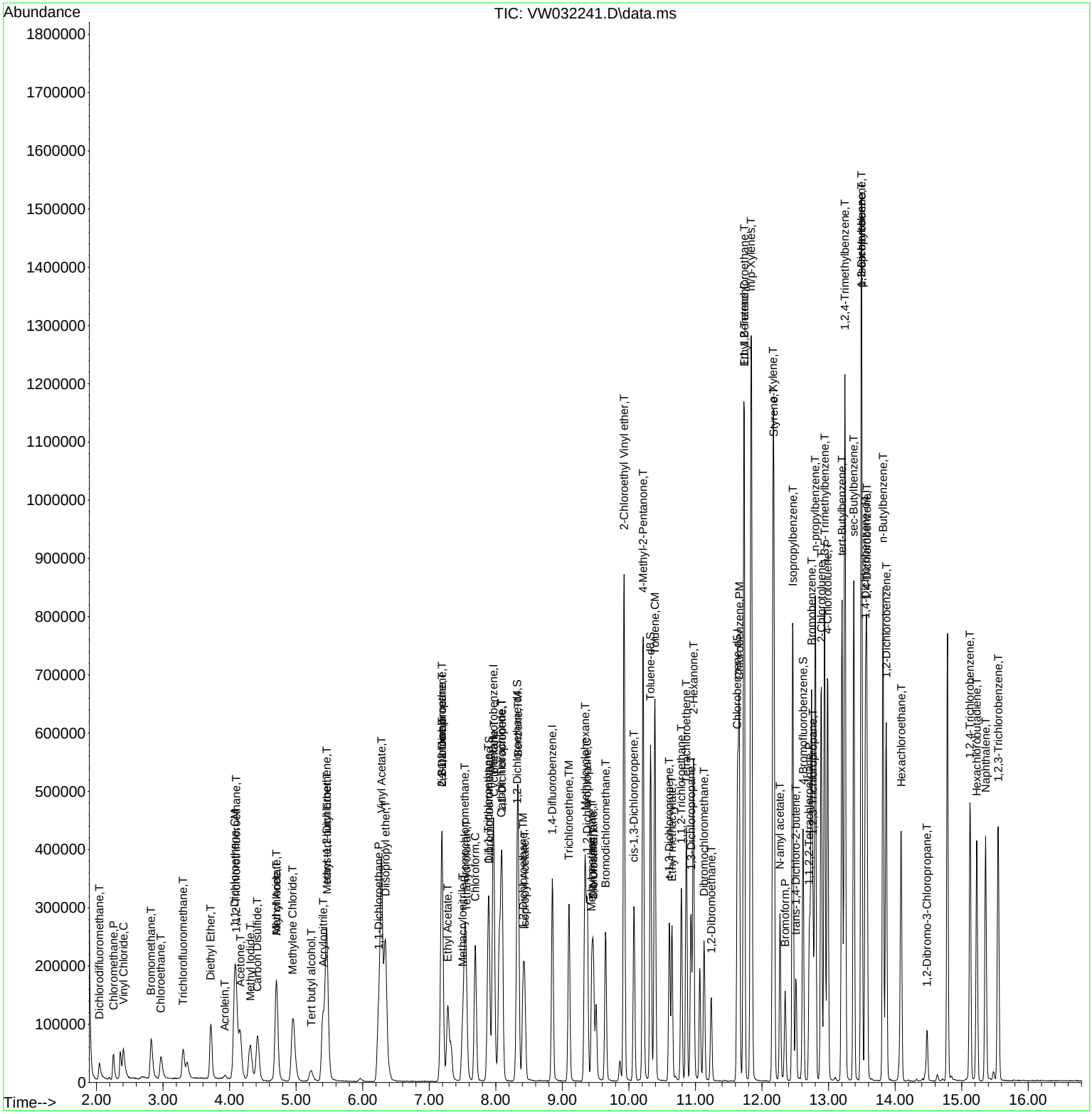
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

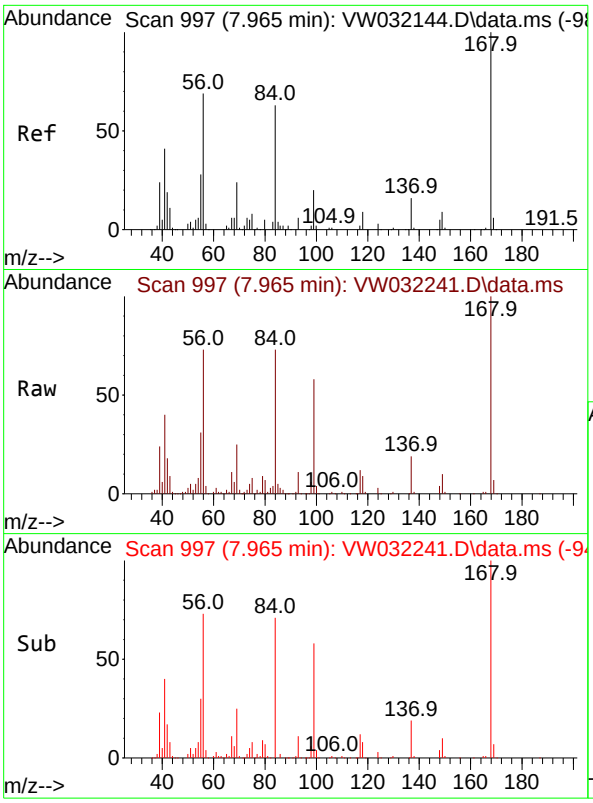
Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

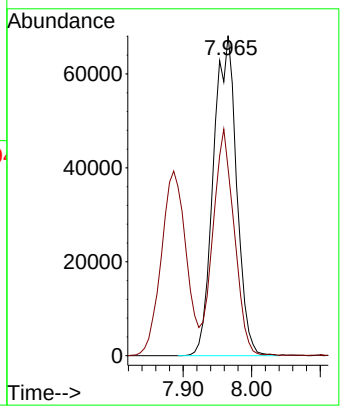




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:168 Resp: 15936

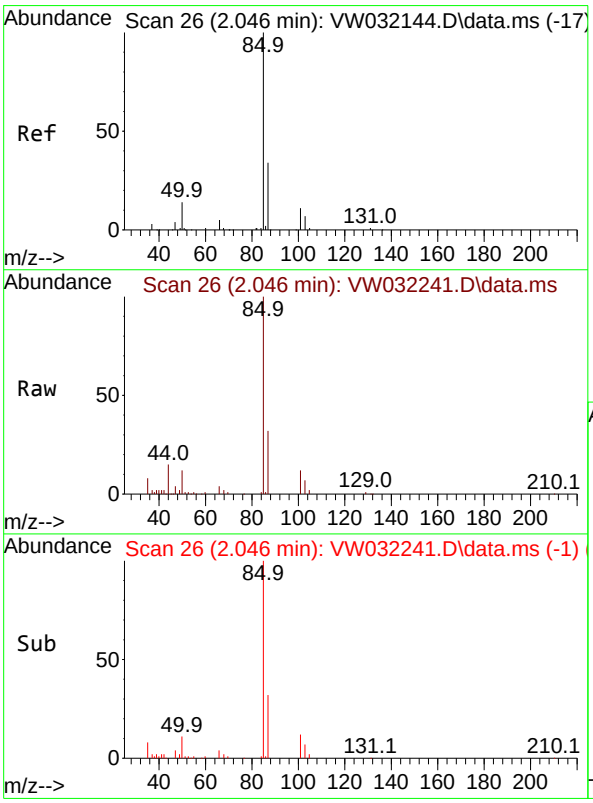
Ion	Ratio	Lower	Upper
168	100		
99	58.3	49.3	73.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

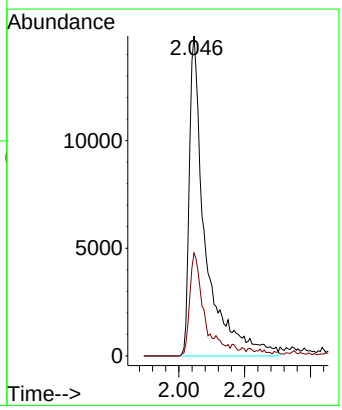
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

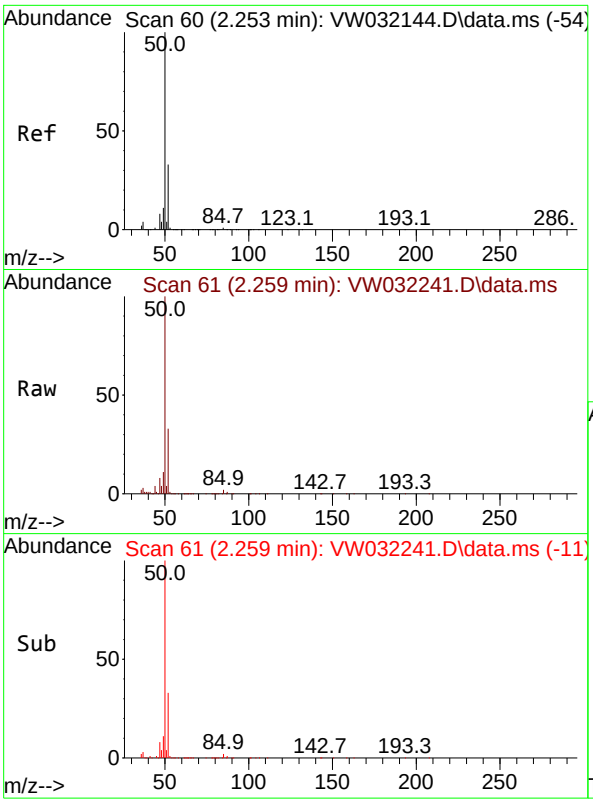


#2
Dichlorodifluoromethane
Concen: 47.960 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 85 Resp: 50462

Ion	Ratio	Lower	Upper
85	100		
87	32.1	17.2	51.6

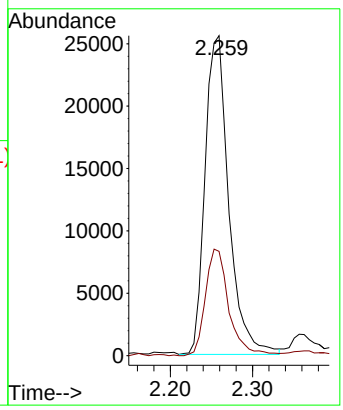




#3
Chloromethane
Concen: 46.393 ug/l
RT: 2.259 min Scan# 6
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 50 Resp: 5117

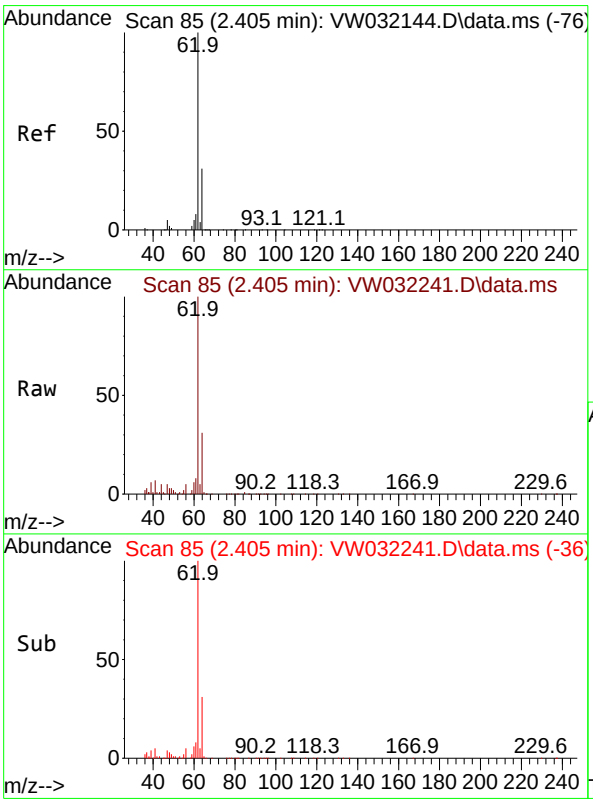
Ion	Ratio	Lower	Upper
50	100		
52	32.7	26.1	39.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

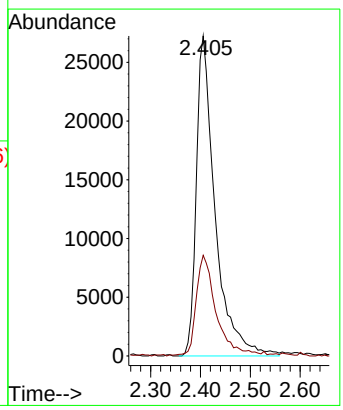
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

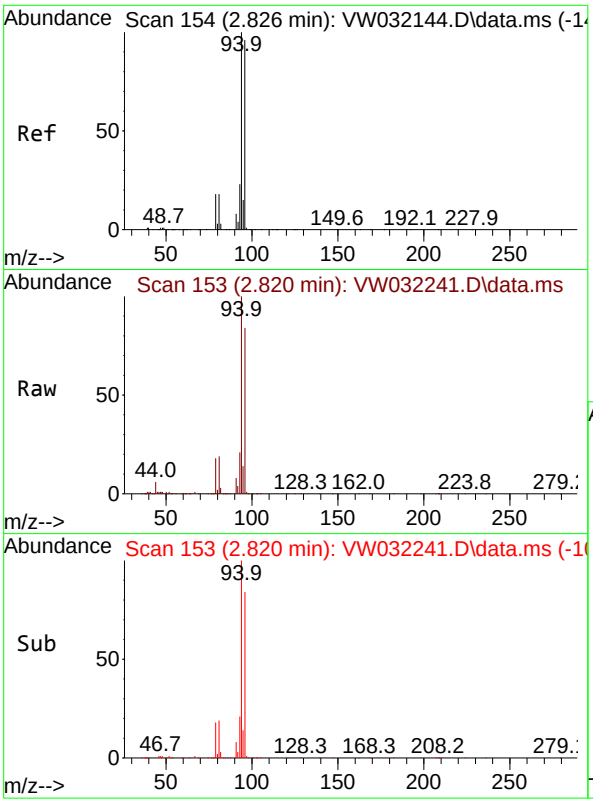


#4
Vinyl Chloride
Concen: 49.779 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 62 Resp: 71326

Ion	Ratio	Lower	Upper
62	100		
64	31.0	24.8	37.2

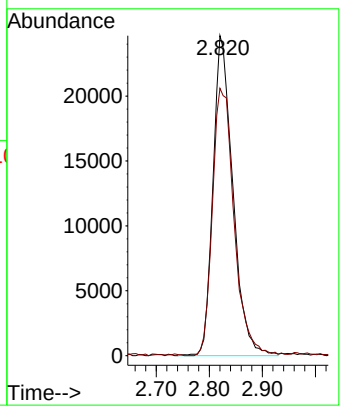




#5
Bromomethane
Concen: 49.968 ug/l
RT: 2.820 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 94 Resp: 6393

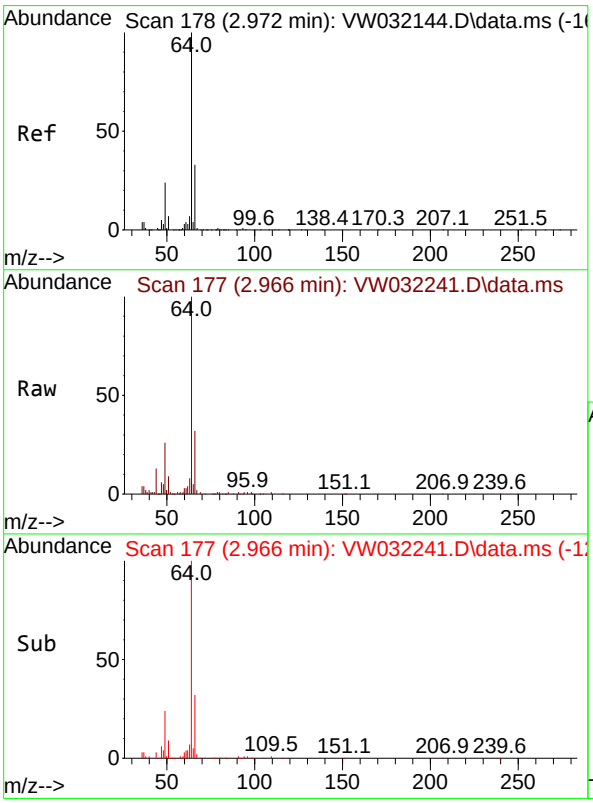
Ion	Ratio	Lower	Upper
94	100		
96	83.2	76.6	115.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

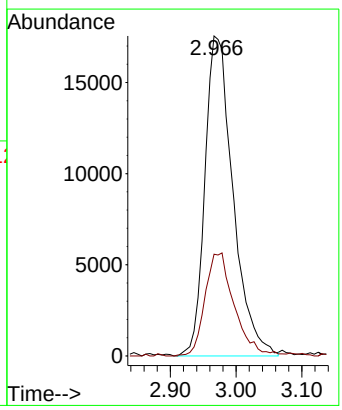
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

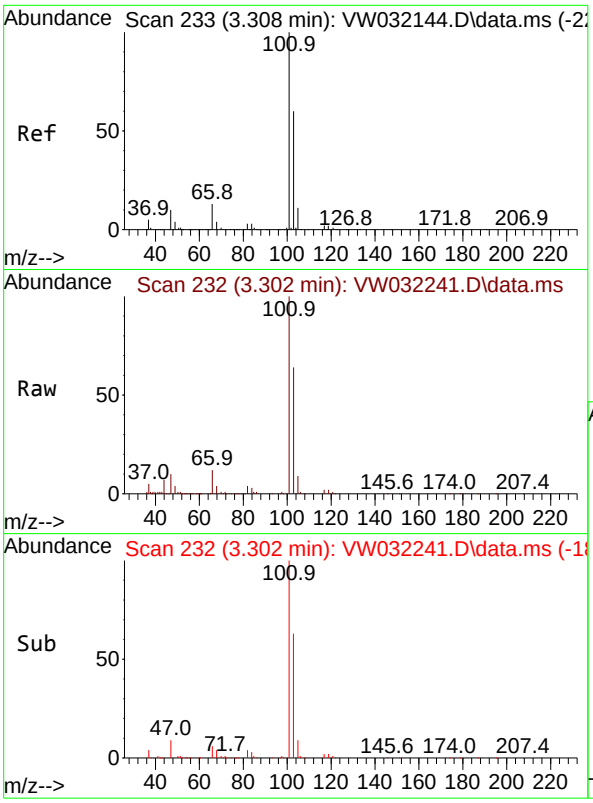


#6
Chloroethane
Concen: 51.688 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 64 Resp: 52157

Ion	Ratio	Lower	Upper
64	100		
66	31.5	26.2	39.4

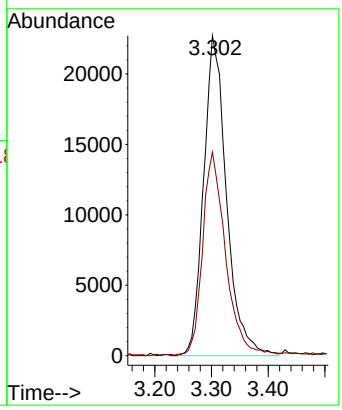




#7
Trichlorofluoromethane
Concen: 44.928 ug/l
RT: 3.302 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:101 Resp: 6378

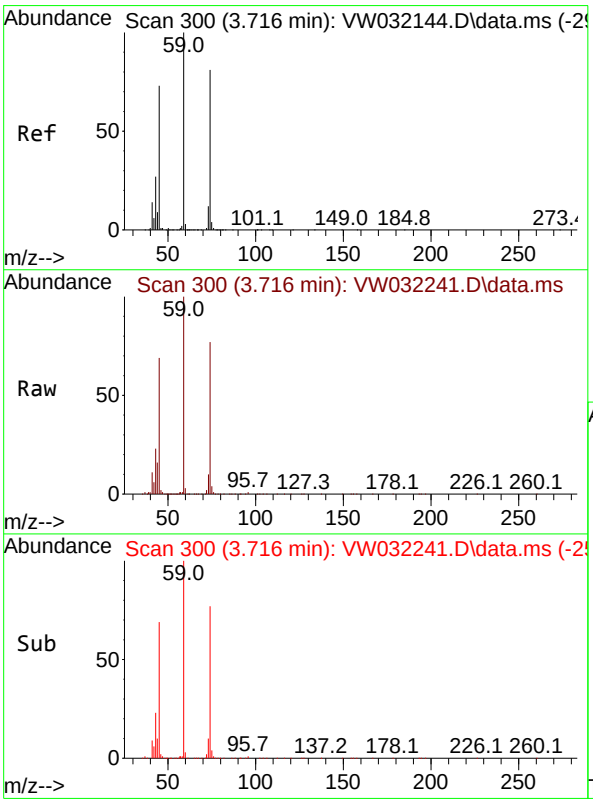
Ion	Ratio	Lower	Upper
101	100		
103	63.2	47.8	71.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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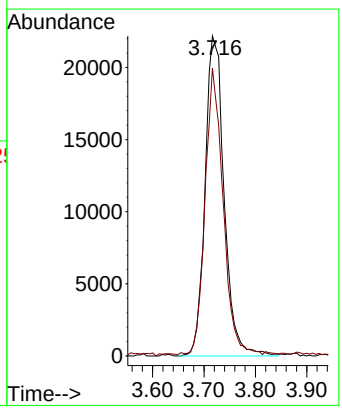
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

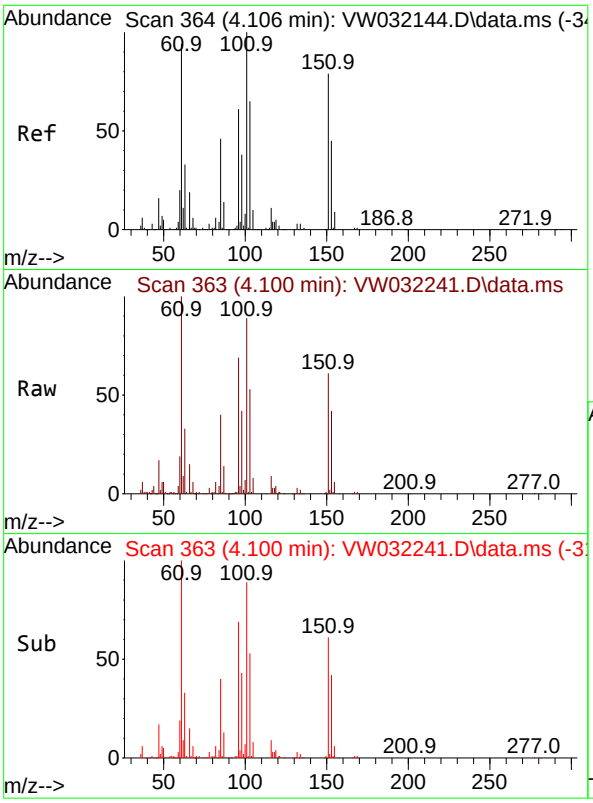


#8
Diethyl Ether
Concen: 53.933 ug/l
RT: 3.716 min Scan# 300
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 74 Resp: 57140

Ion	Ratio	Lower	Upper
74	100		
45	84.5	43.1	129.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.255 ug/l
RT: 4.100 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

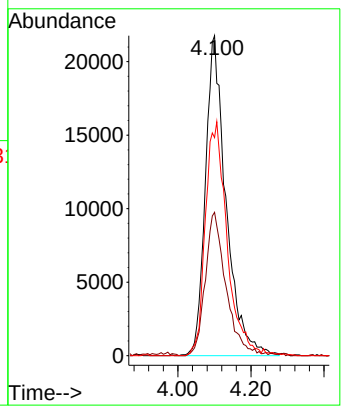
Tgt Ion:101 Resp: 8517

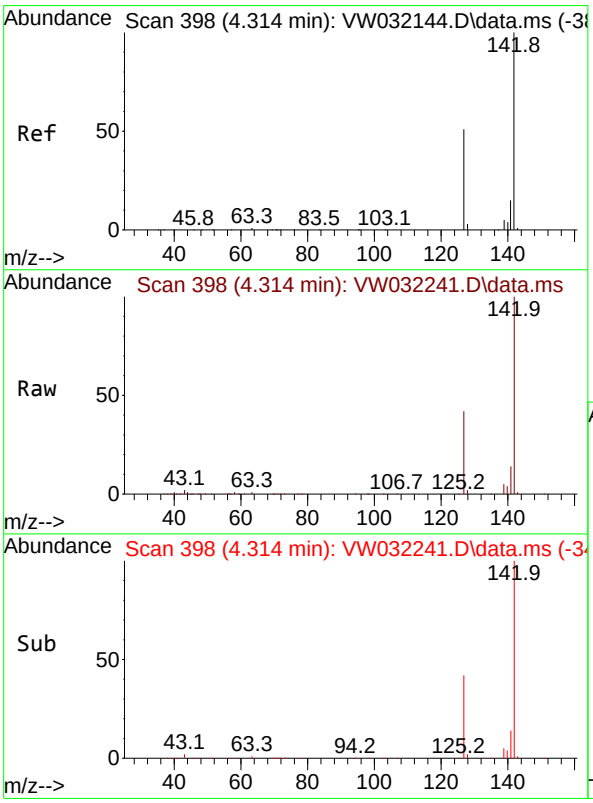
Ion	Ratio	Lower	Upper
101	100		
85	44.9	37.1	55.7
151	76.4	61.5	92.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

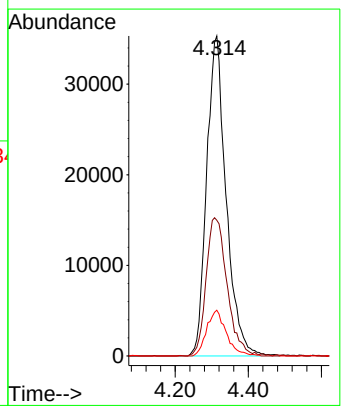


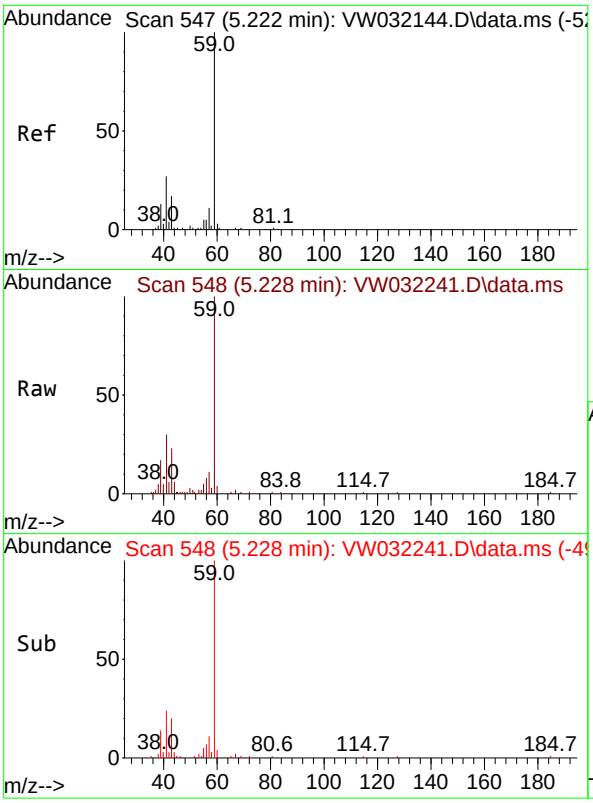


#10
Methyl Iodide
Concen: 53.404 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:142 Resp: 130051

Ion	Ratio	Lower	Upper
142	100		
127	46.6	38.2	57.2
141	14.5	12.2	18.2

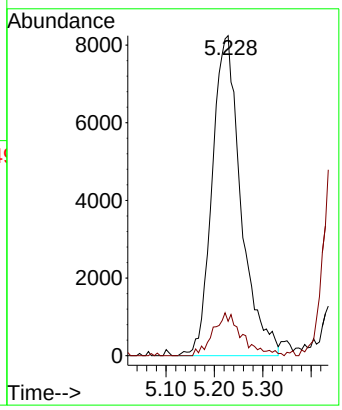




#11
Tert butyl alcohol
Concen: 244.370 ug/l
RT: 5.228 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 59 Resp: 3406

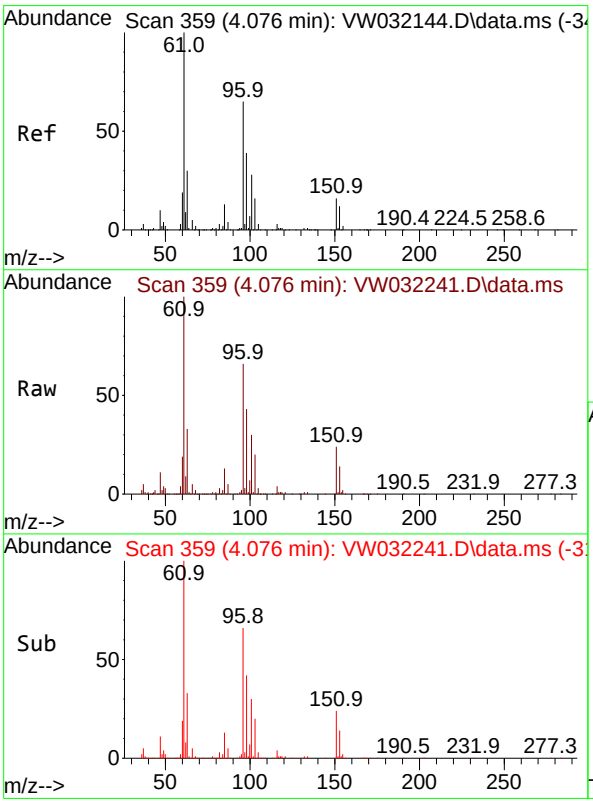
Ion	Ratio	Lower	Upper
59	100		
57	12.9	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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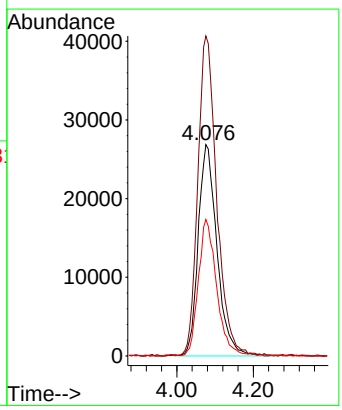
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

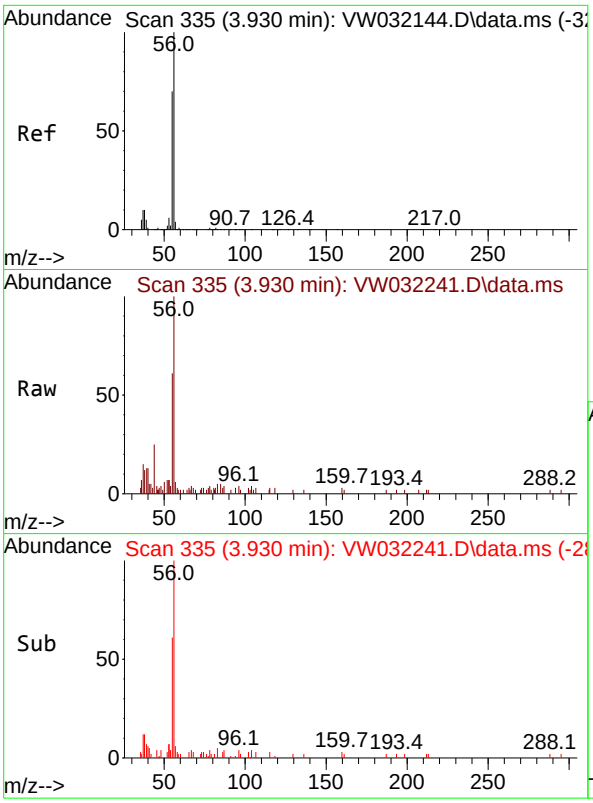


#12
1,1-Dichloroethene
Concen: 54.413 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 96 Resp: 91646

Ion	Ratio	Lower	Upper
96	100		
61	151.1	123.0	184.4
98	64.6	48.5	72.7

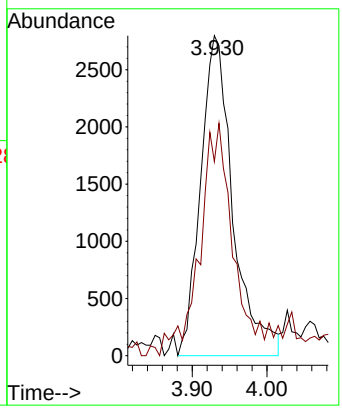




#13
Acrolein
Concen: 39.297 ug/l
RT: 3.930 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 56 Resp: 842

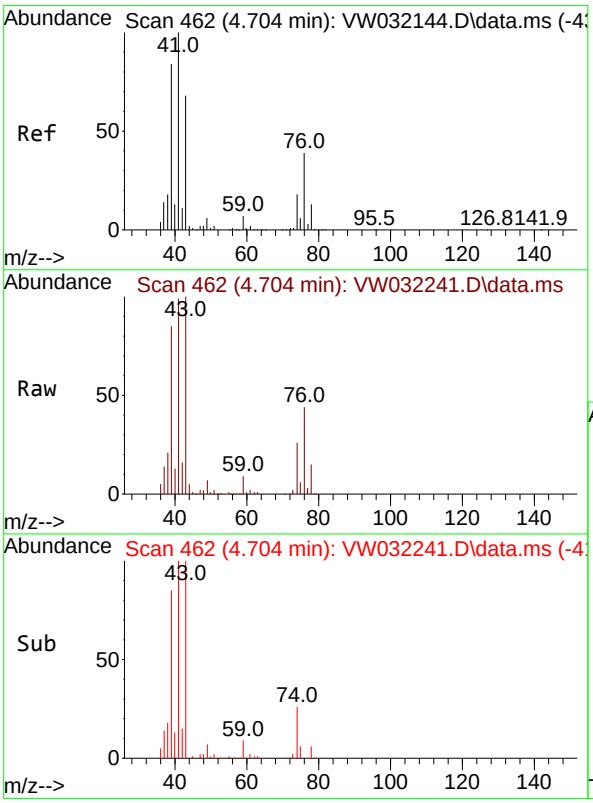
Ion	Ratio	Lower	Upper
56	100		
55	74.3	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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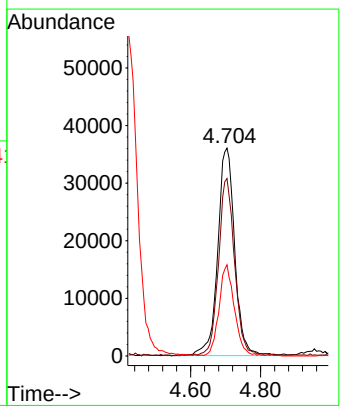
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

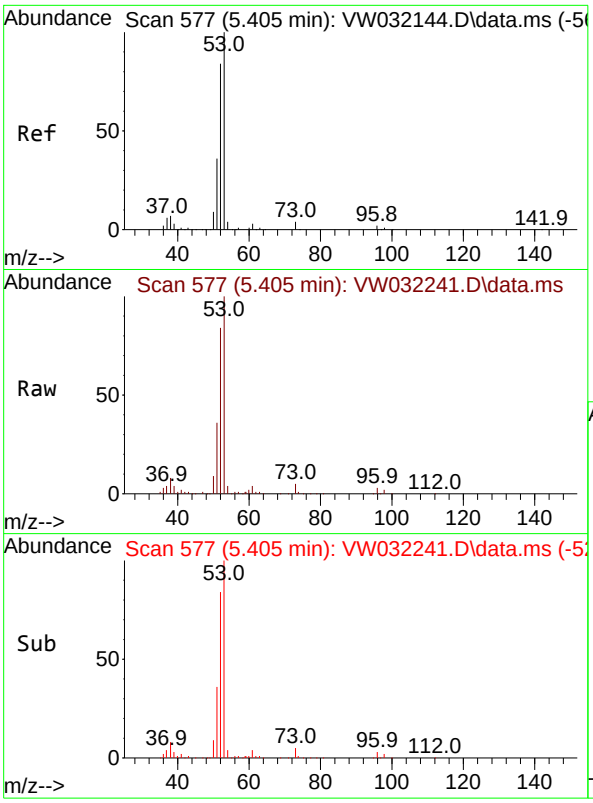


#14
Allyl chloride
Concen: 50.809 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 41 Resp: 121556

Ion	Ratio	Lower	Upper
41	100		
39	81.7	64.1	96.1
76	39.0	31.4	47.2

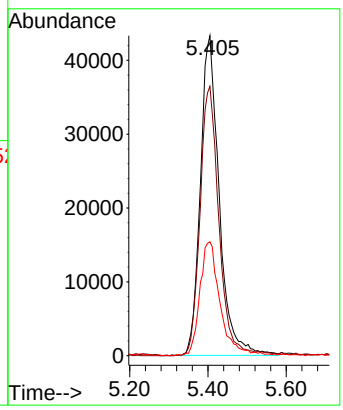




#15
Acrylonitrile
Concen: 280.449 ug/l
RT: 5.405 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 53 Resp: 14445

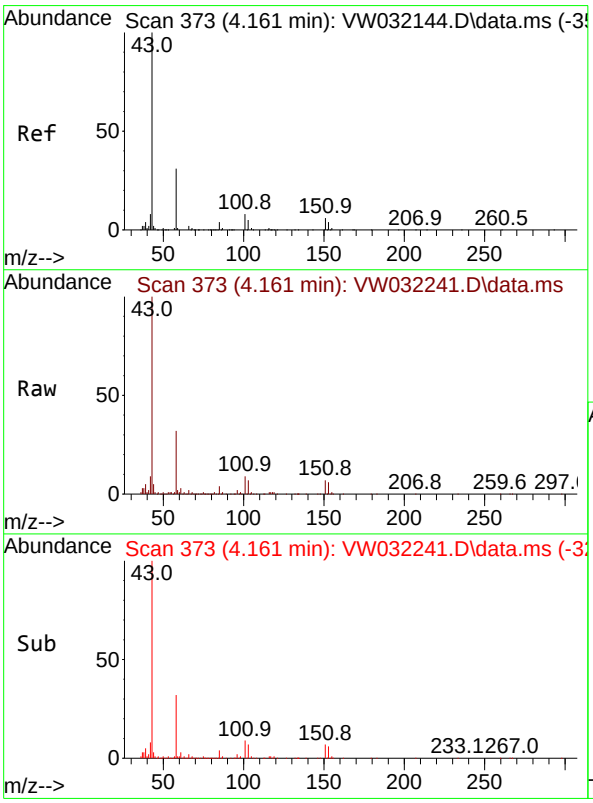
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.4	101.2
51	37.8	30.3	45.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

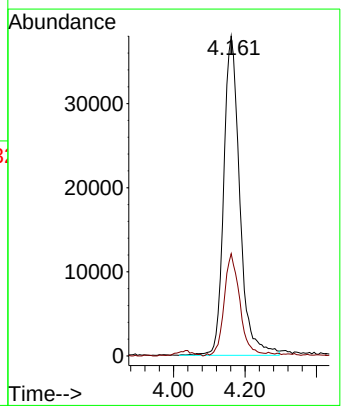
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

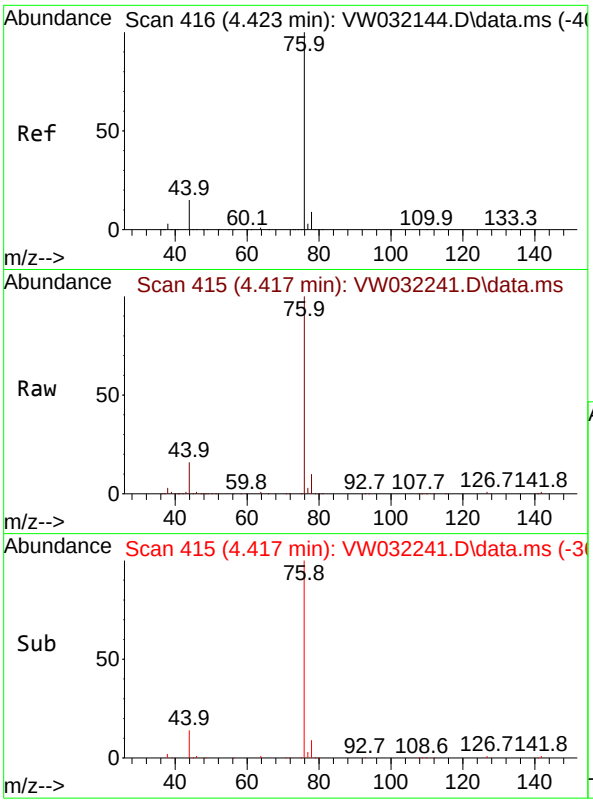


#16
Acetone
Concen: 240.461 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 118689

Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.3	37.9





#17
Carbon Disulfide
Concen: 46.511 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

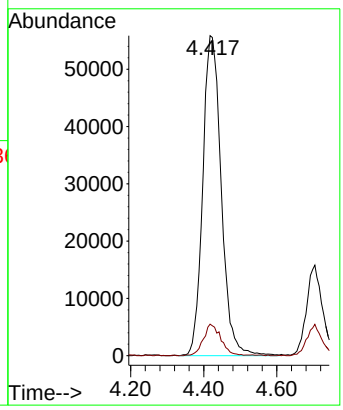
Tgt Ion: 76 Resp: 19593

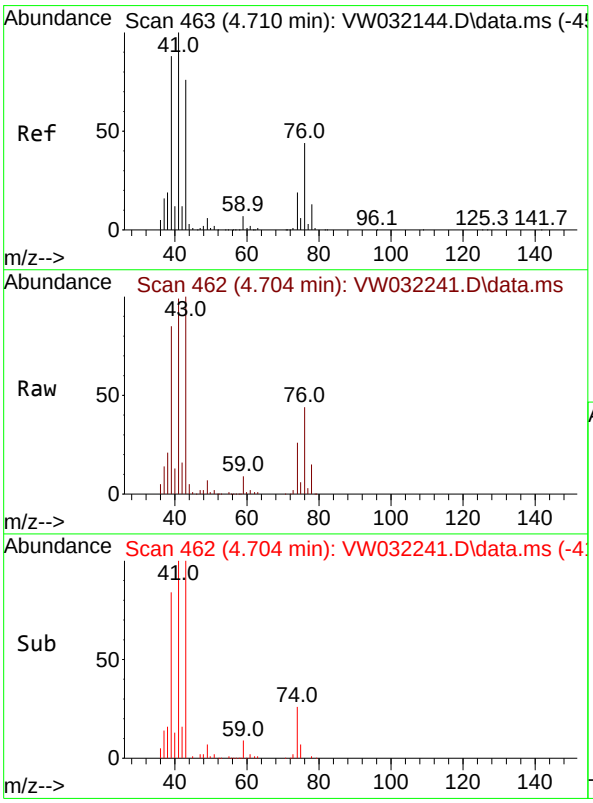
Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.0	10.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

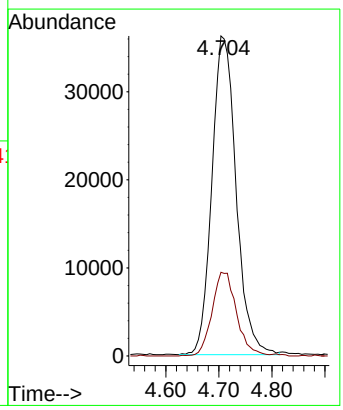


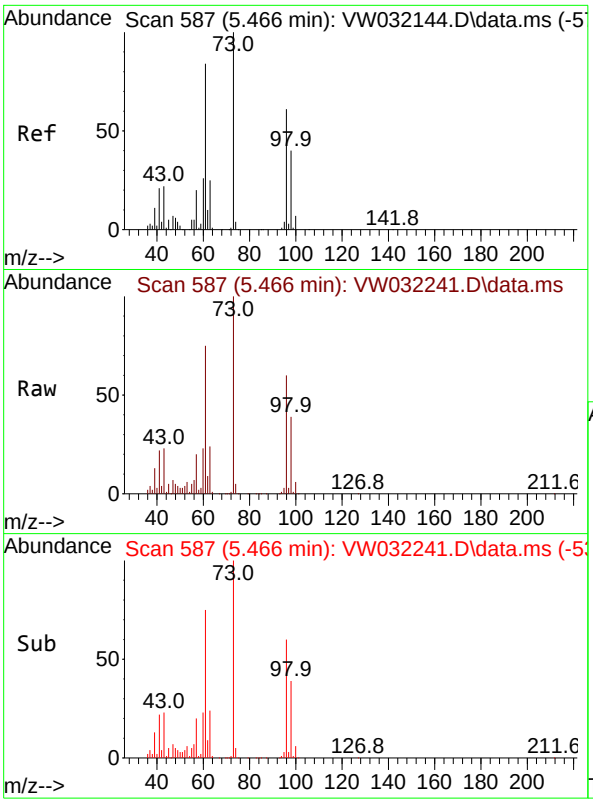


#18
Methyl Acetate
Concen: 73.062 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 114902

Ion	Ratio	Lower	Upper
43	100		
74	26.5	20.2	30.4





#19
Methyl tert-butyl Ether
Concen: 55.278 ug/l
RT: 5.466 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

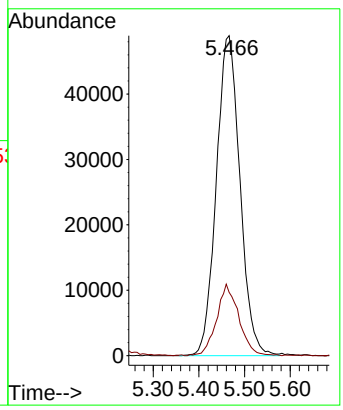
Tgt Ion: 73 Resp: 17581

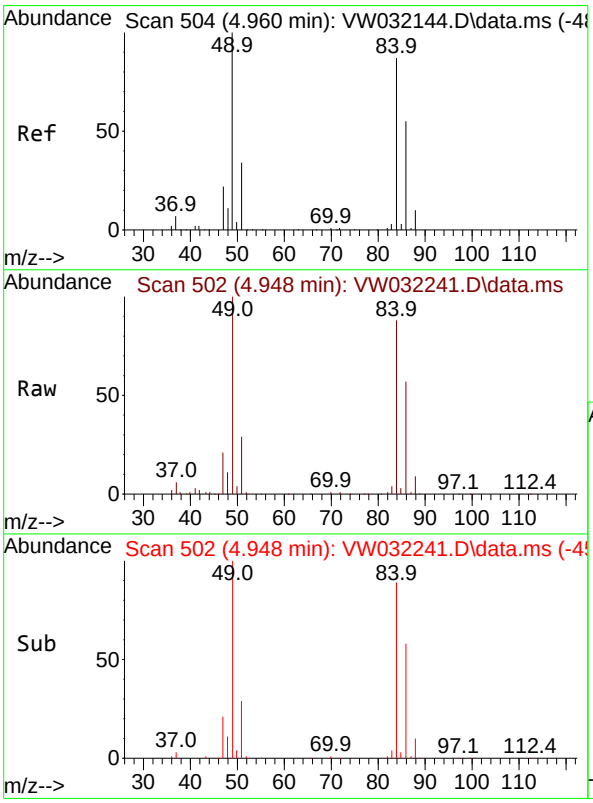
Ion	Ratio	Lower	Upper
73	100		
57	19.6	16.2	24.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

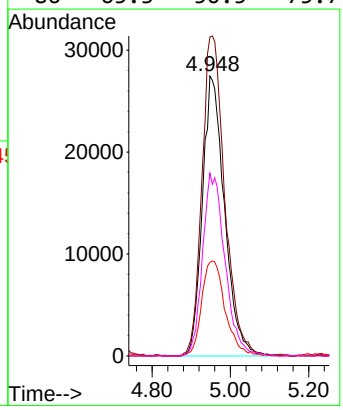


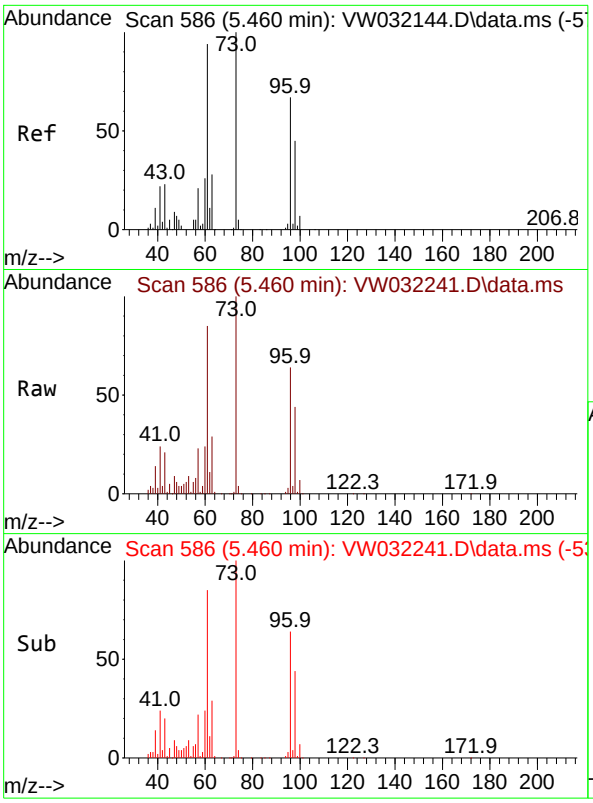


#20
Methylene Chloride
Concen: 53.735 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 84 Resp: 107657

Ion	Ratio	Lower	Upper
84	100		
49	114.0	92.2	138.4
51	33.5	31.0	46.6
86	65.3	50.5	75.7

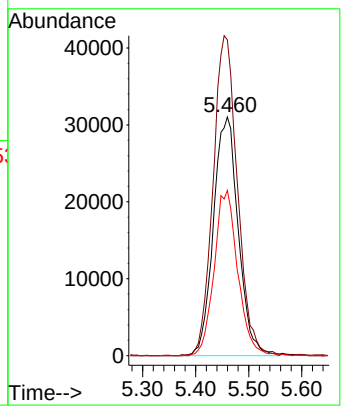




#21
trans-1,2-Dichloroethene
Concen: 53.663 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 96 Resp: 10096

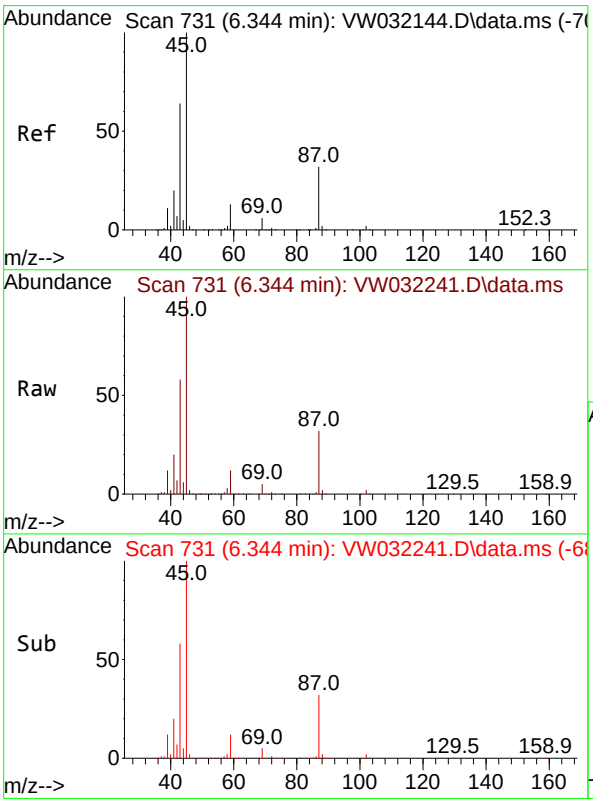
Ion	Ratio	Lower	Upper
96	100		
61	132.3	112.5	168.7
98	69.2	54.2	81.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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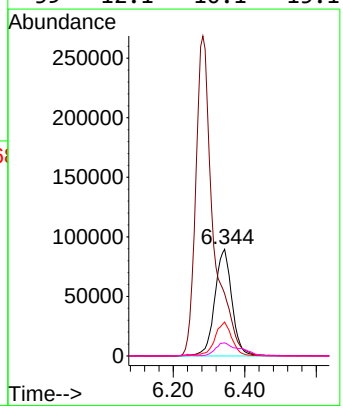
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

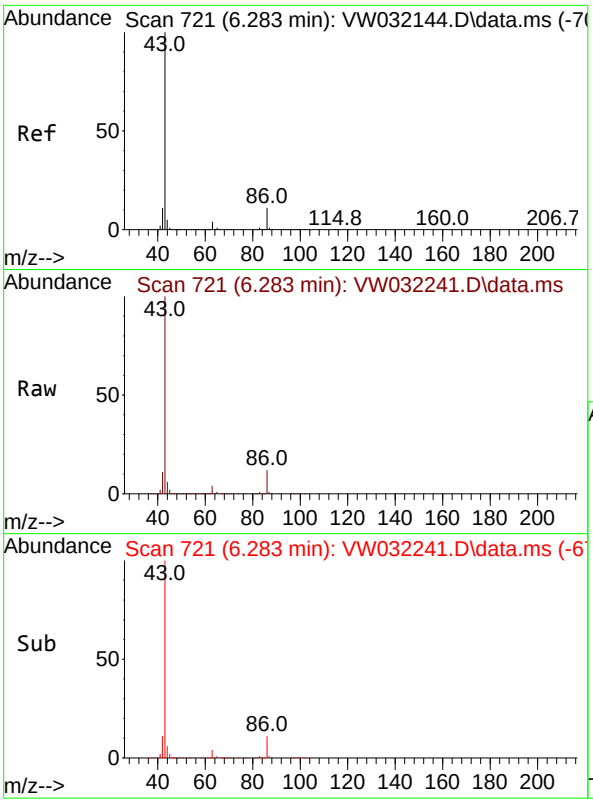


#22
Diisopropyl ether
Concen: 57.180 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 45 Resp: 297735

Ion	Ratio	Lower	Upper
45	100		
43	58.0	51.4	77.2
87	31.7	25.9	38.9
59	12.1	10.1	15.1

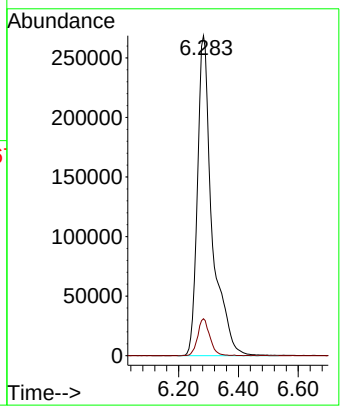




#23
Vinyl Acetate
Concen: 257.319 ug/l
RT: 6.283 min Scan# 7
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 91095

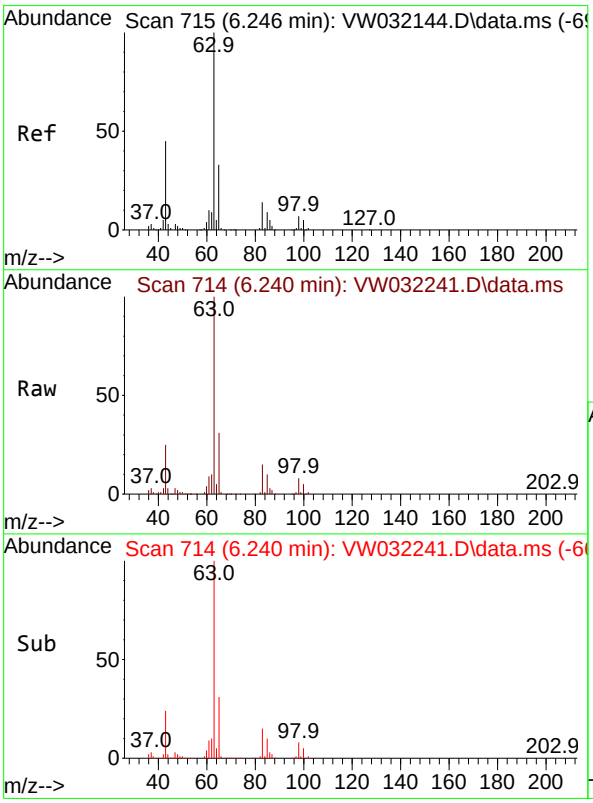
Ion	Ratio	Lower	Upper
43	100		
86	11.6	8.8	13.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

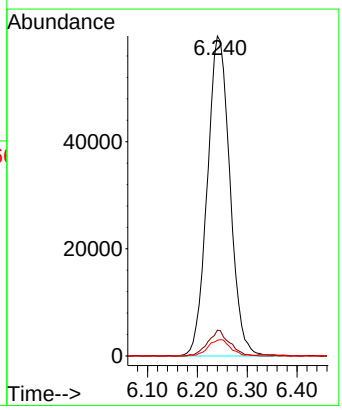
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

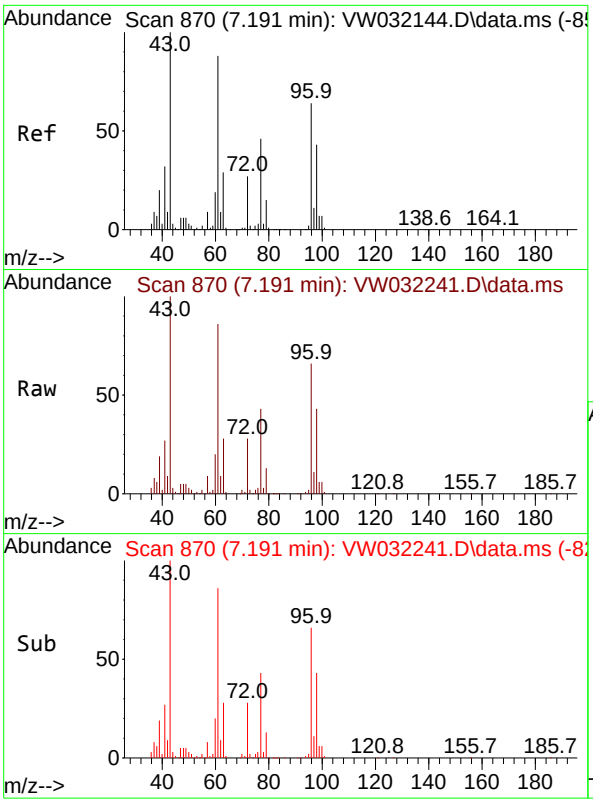


#24
1,1-Dichloroethane
Concen: 55.131 ug/l
RT: 6.240 min Scan# 714
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 63 Resp: 187934

Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.8	11.2
100	4.9	2.5	7.5





#25
2-Butanone
Concen: 276.147 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

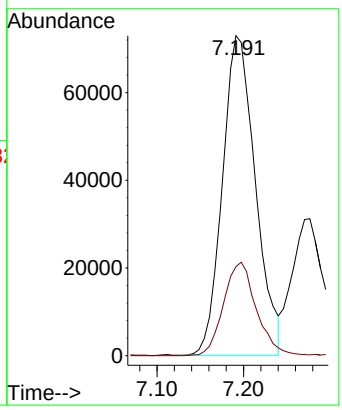
Tgt Ion: 43 Resp: 19314

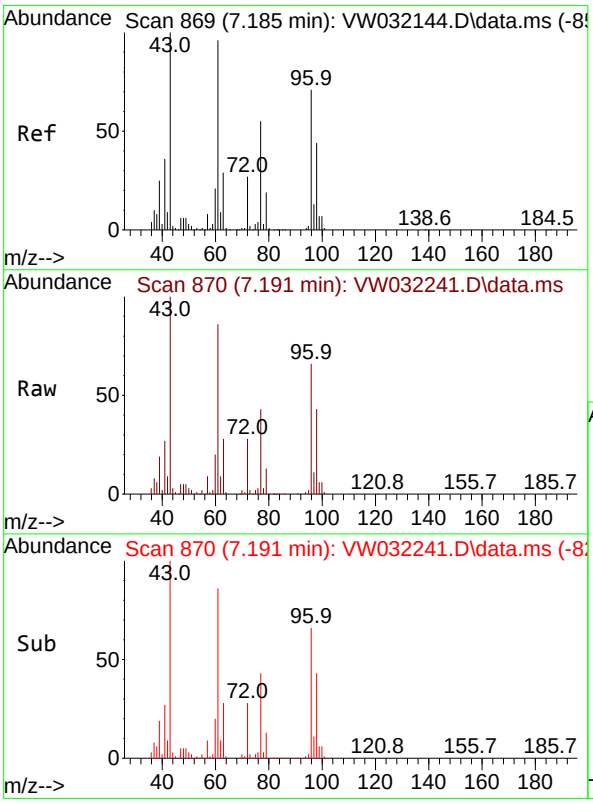
Ion	Ratio	Lower	Upper
43	100		
72	27.9	21.4	32.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

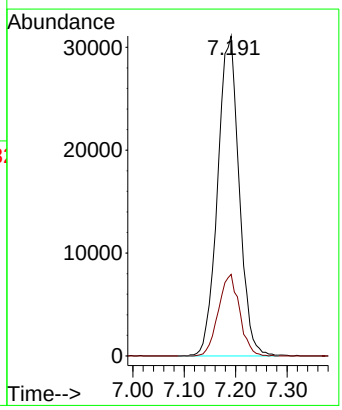


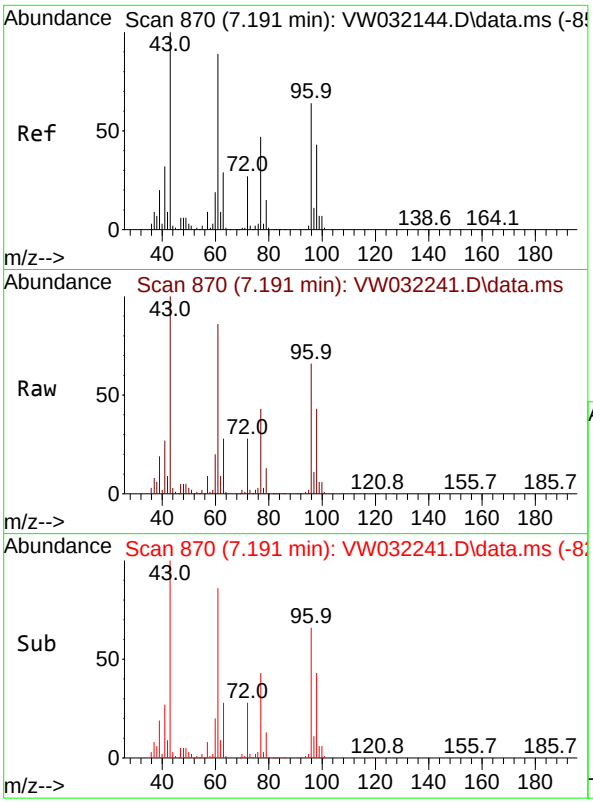


#26
2,2-Dichloropropane
Concen: 50.059 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 77 Resp: 90367

Ion	Ratio	Lower	Upper
77	100		
97	25.1	11.9	35.5





#27
cis-1,2-Dichloroethene
Concen: 54.445 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

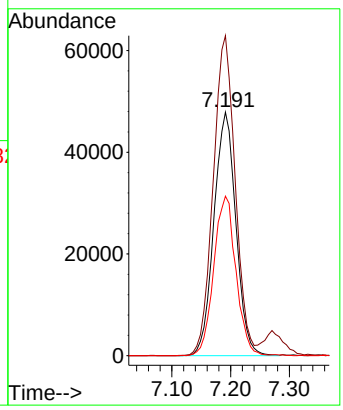
Tgt Ion: 96 Resp: 12465

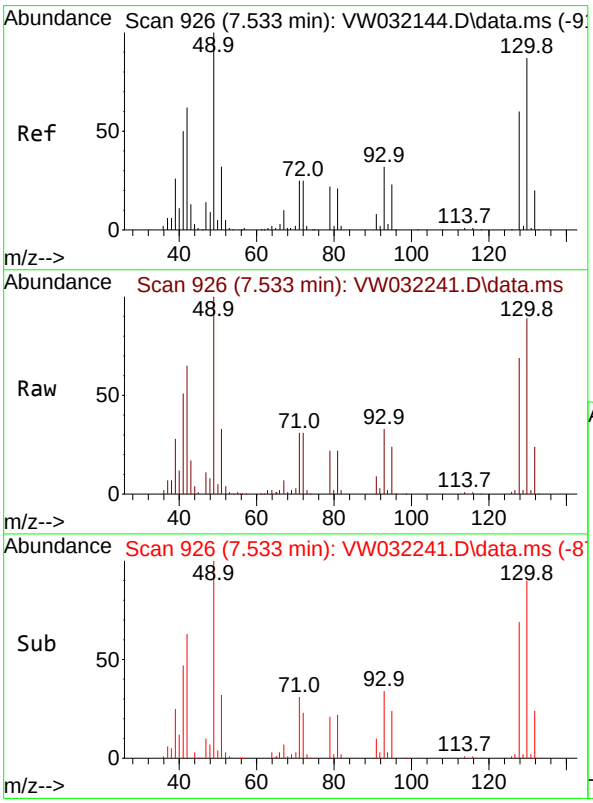
Ion	Ratio	Lower	Upper
96	100		
61	131.6	0.0	268.0
98	65.9	0.0	130.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

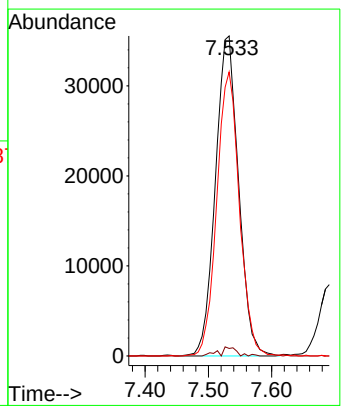


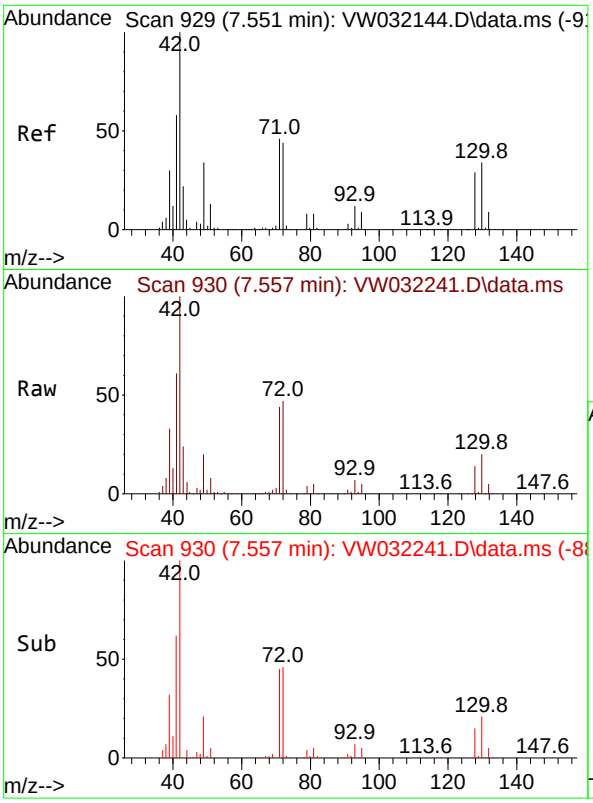


#28
Bromochloromethane
Concen: 57.881 ug/l
RT: 7.533 min Scan# 926
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 49 Resp: 90321

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	86.8	67.5	101.3

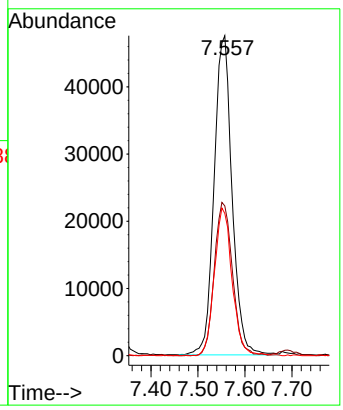




#29
Tetrahydrofuran
Concen: 284.070 ug/l
RT: 7.557 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 42 Resp: 12625

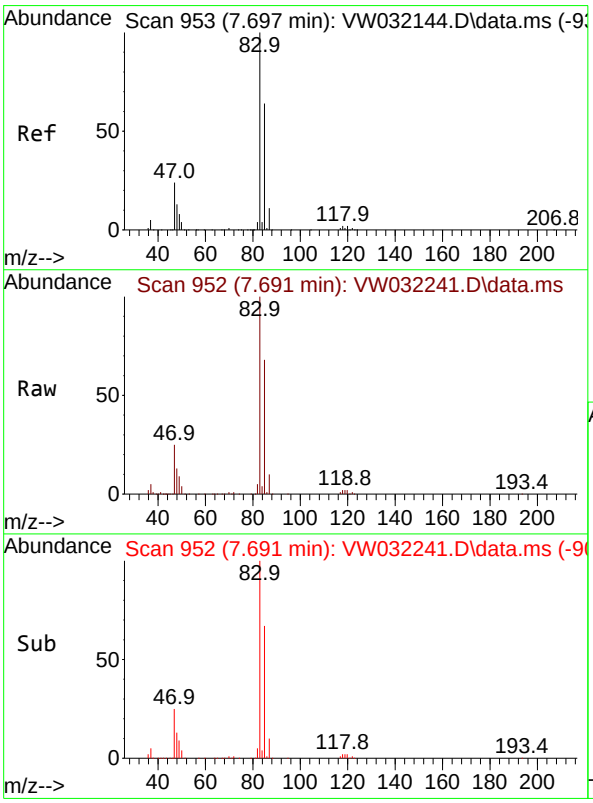
Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.4	56.2
71	45.9	36.0	54.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

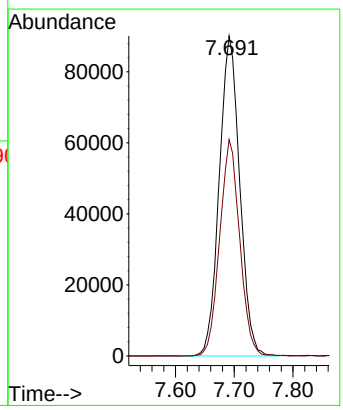
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

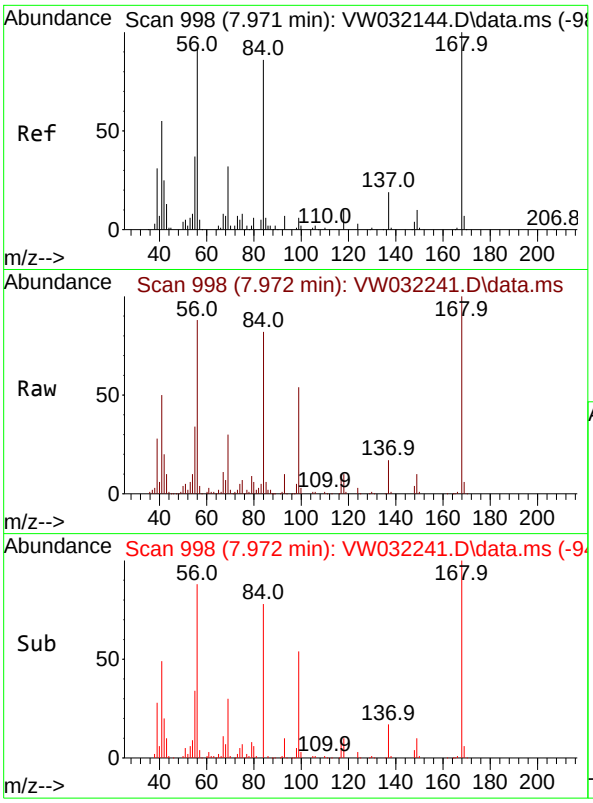


#30
Chloroform
Concen: 55.991 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 83 Resp: 217916

Ion	Ratio	Lower	Upper
83	100		
85	67.6	51.2	76.8

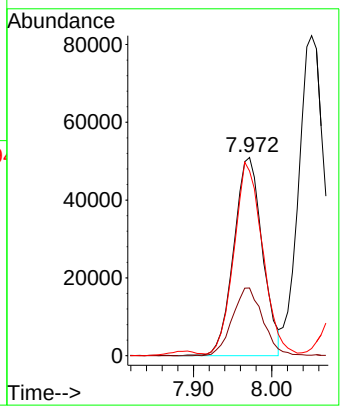




#31
Cyclohexane
Concen: 46.256 ug/l
RT: 7.972 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 56 Resp: 12942

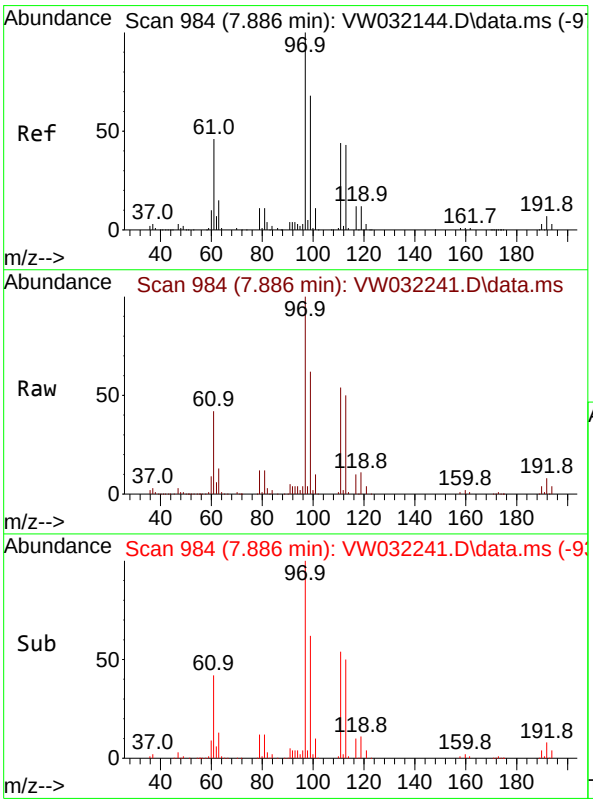
Ion	Ratio	Lower	Upper
56	100		
69	34.1	27.7	41.5
84	90.9	74.6	112.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

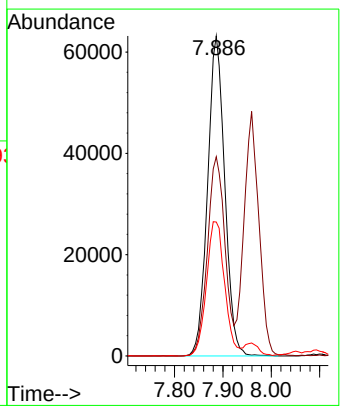
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

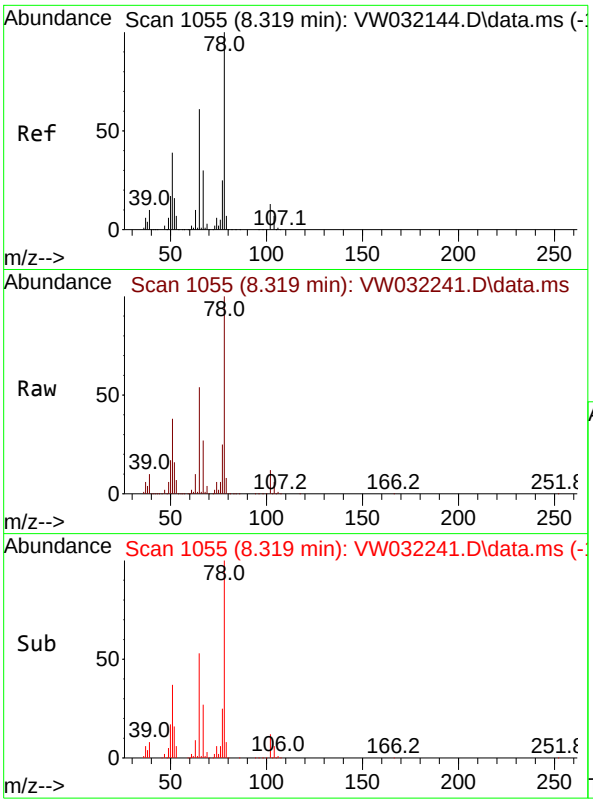


#32
1,1,1-Trichloroethane
Concen: 54.804 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 97 Resp: 155704

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.9	76.3
61	44.6	36.2	54.4

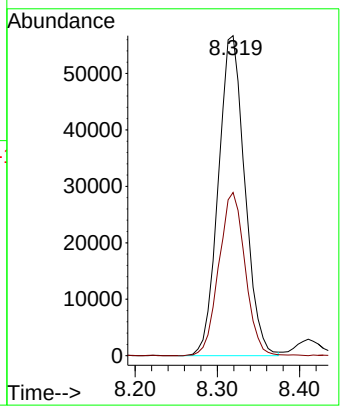




#33
1,2-Dichloroethane-d4
Concen: 55.644 ug/l
RT: 8.319 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 65 Resp: 12682

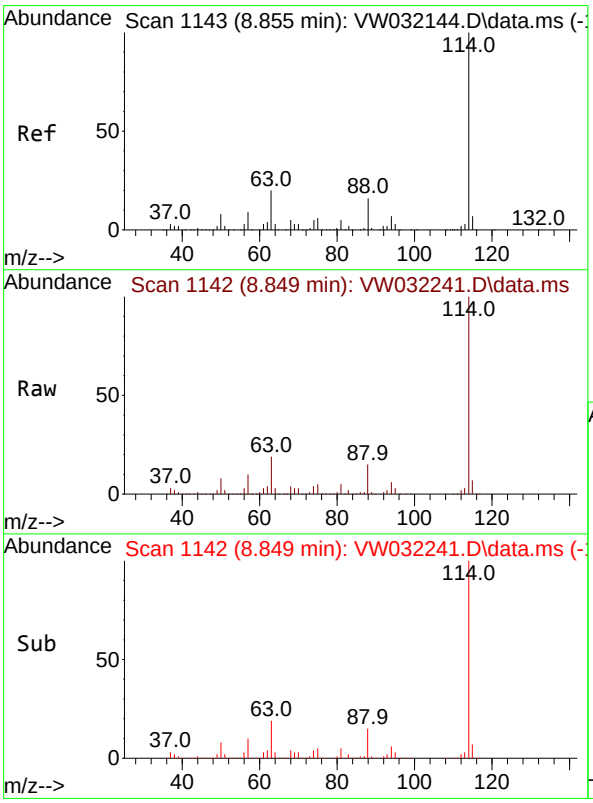
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	99.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

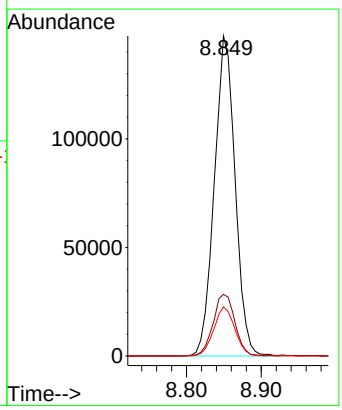
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

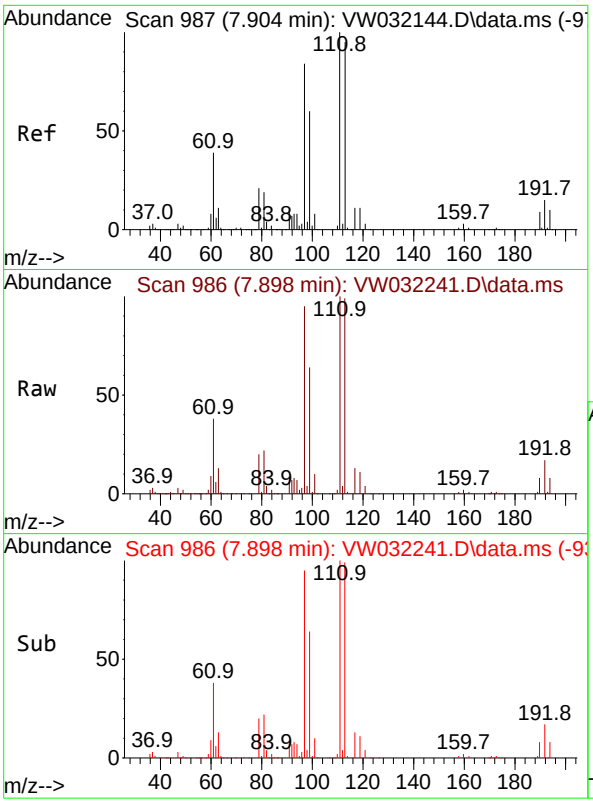


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:114 Resp: 285121

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	40.4
88	15.3	0.0	32.0

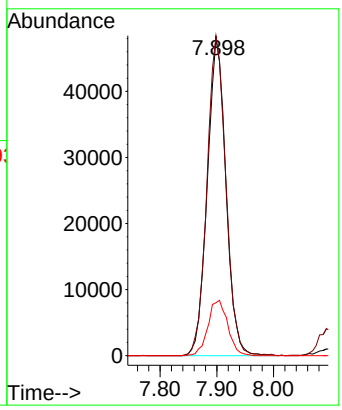




#35
Dibromofluoromethane
Concen: 54.956 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:113 Resp: 10993

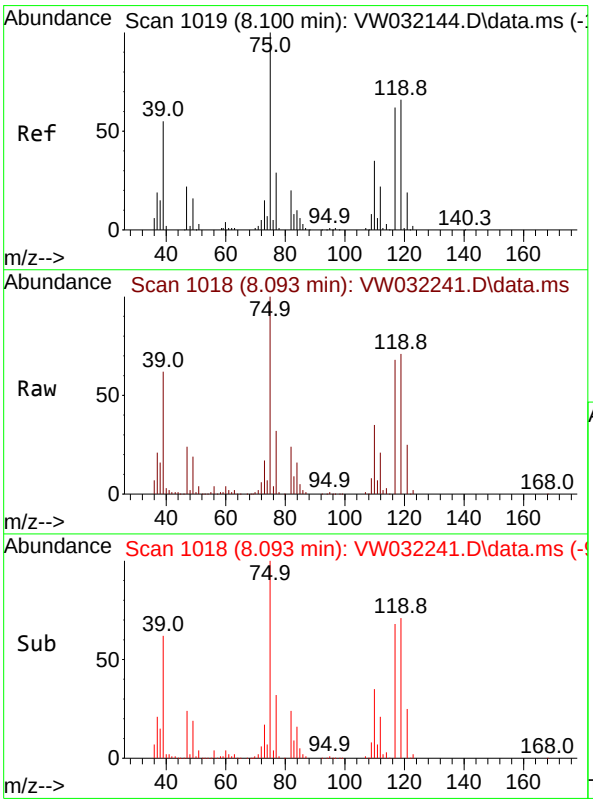
Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.9	125.9
192	18.5	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

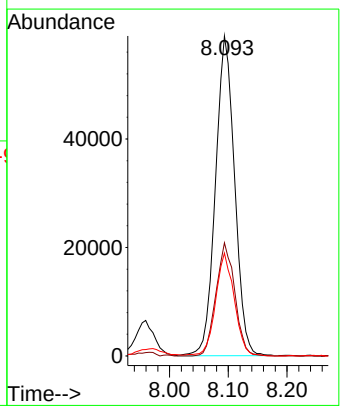
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

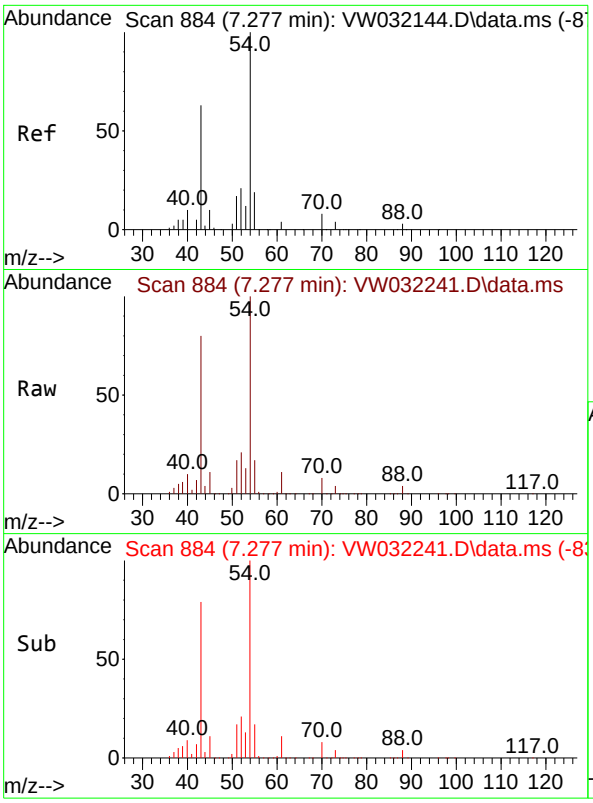


#36
1,1-Dichloropropene
Concen: 51.535 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 133665

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.5	52.5
77	31.5	24.1	36.1

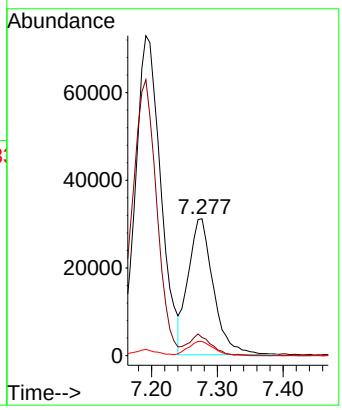




#37
Ethyl Acetate
Concen: 52.826 ug/l
RT: 7.277 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 8219

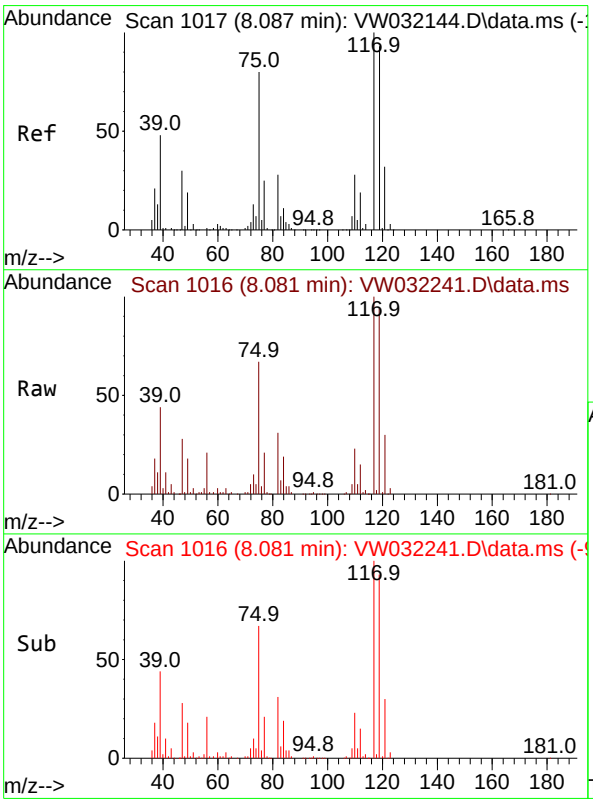
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	10.8	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

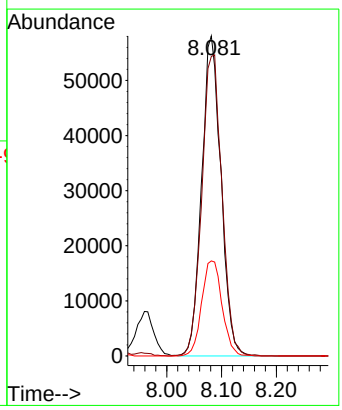
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

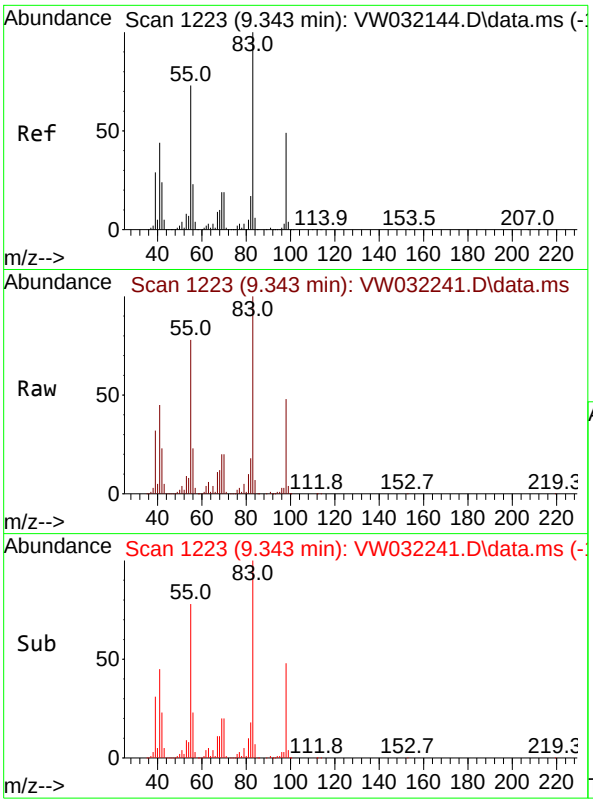


#38
Carbon Tetrachloride
Concen: 50.993 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:117 Resp: 141782

Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.2	111.2
121	29.7	25.6	38.4





#39
Methylcyclohexane
Concen: 48.484 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

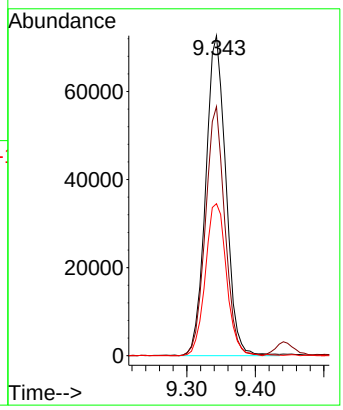
Tgt Ion: 83 Resp: 14894

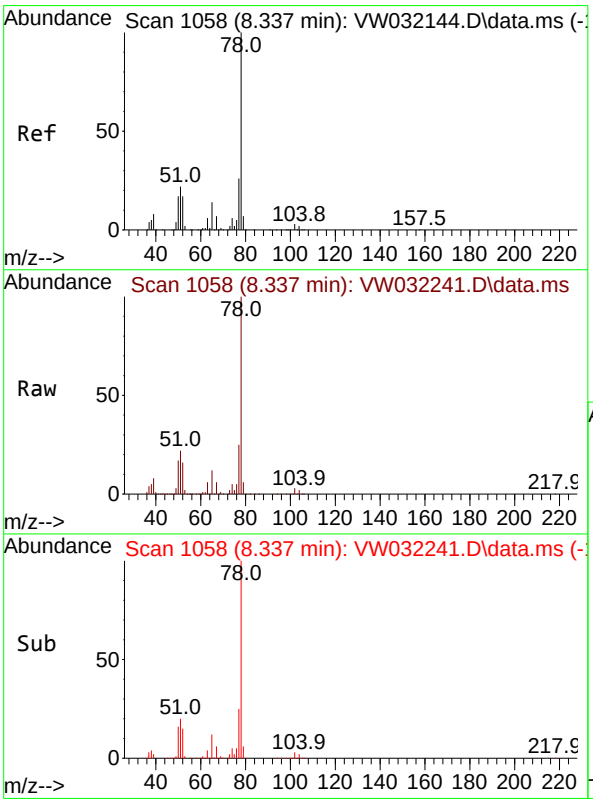
Ion	Ratio	Lower	Upper
83	100		
55	77.8	58.4	87.6
98	47.5	39.4	59.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

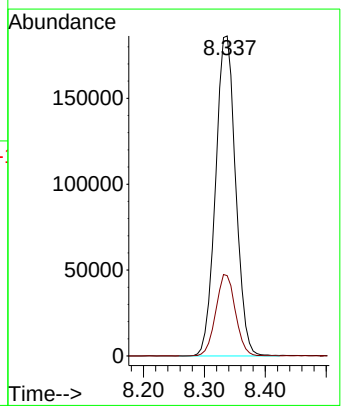


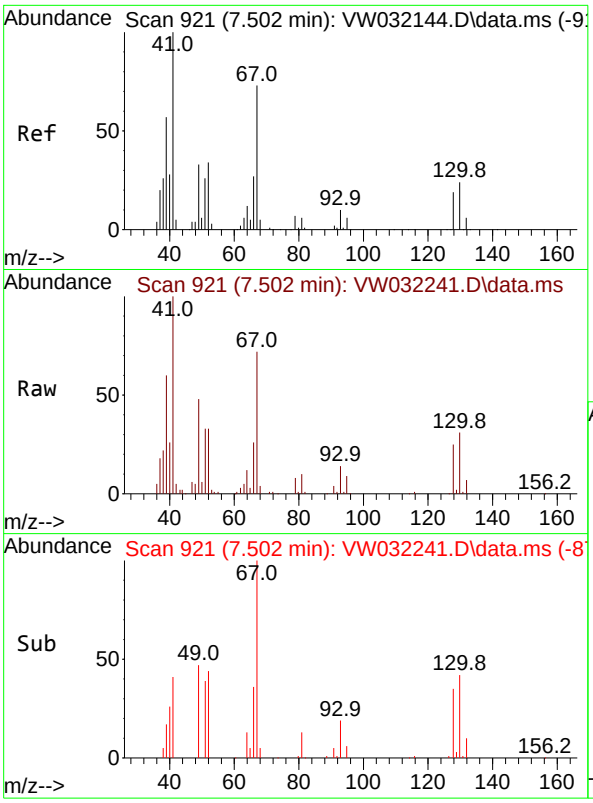


#40
Benzene
Concen: 53.147 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 78 Resp: 426097

Ion	Ratio	Lower	Upper
78	100		
77	25.1	20.7	31.1

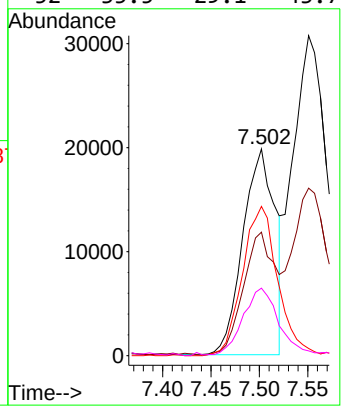




#41
Methacrylonitrile
Concen: 53.025 ug/l
RT: 7.502 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 41 Resp: 4583

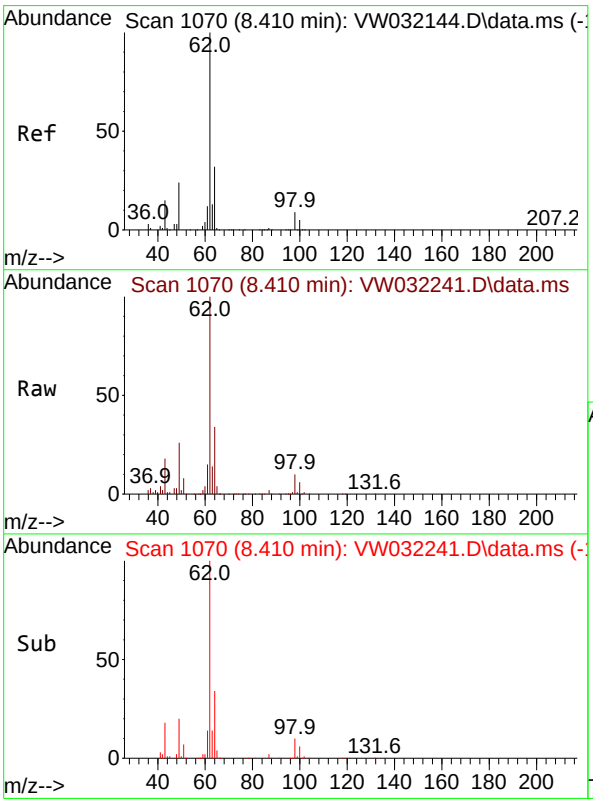
Ion	Ratio	Lower	Upper
41	100		
39	58.6	50.9	76.3
67	80.0	65.6	98.4
52	35.5	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

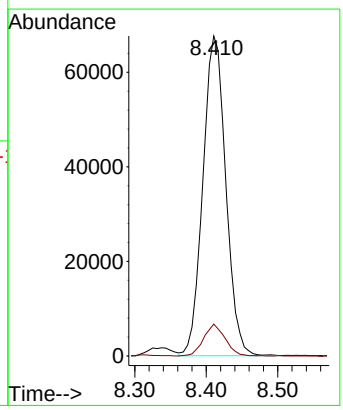
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

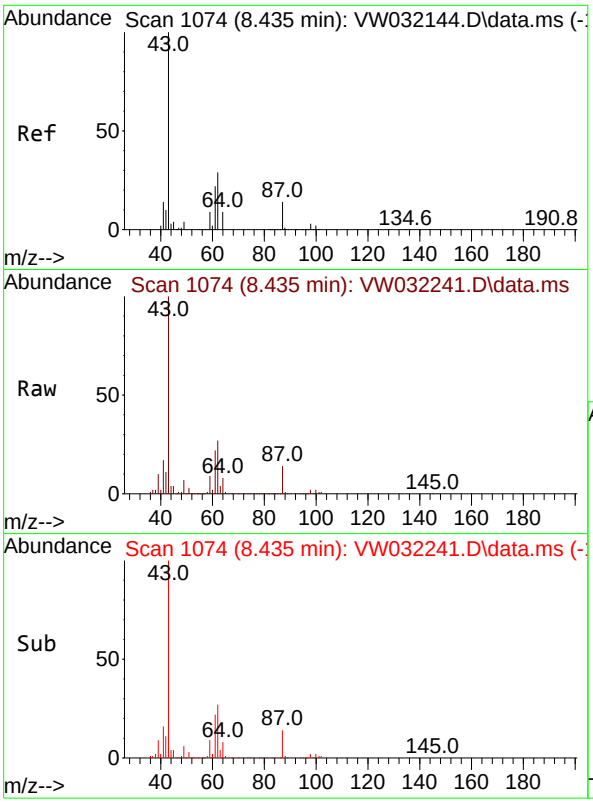


#42
1,2-Dichloroethane
Concen: 54.171 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 62 Resp: 150558

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0





#43
Isopropyl Acetate
Concen: 51.995 ug/l
RT: 8.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

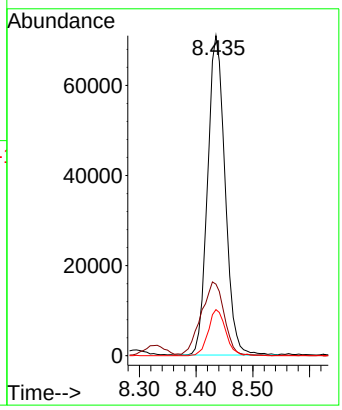
Tgt Ion: 43 Resp: 15176

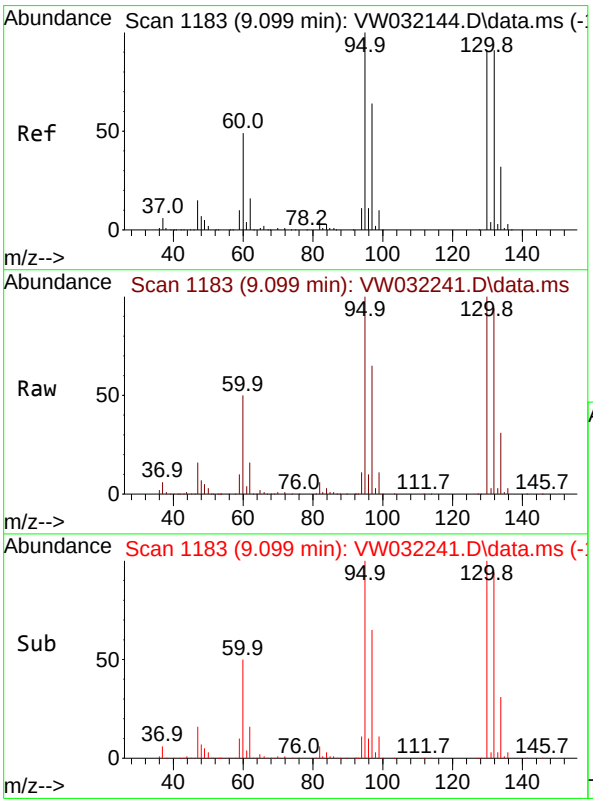
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.3	34.9
87	14.5	11.1	16.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

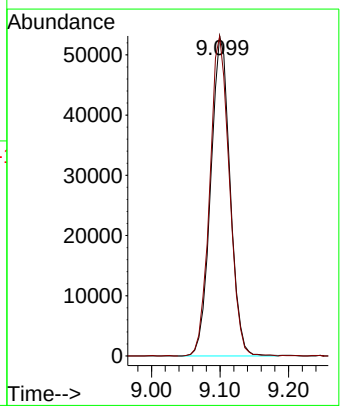


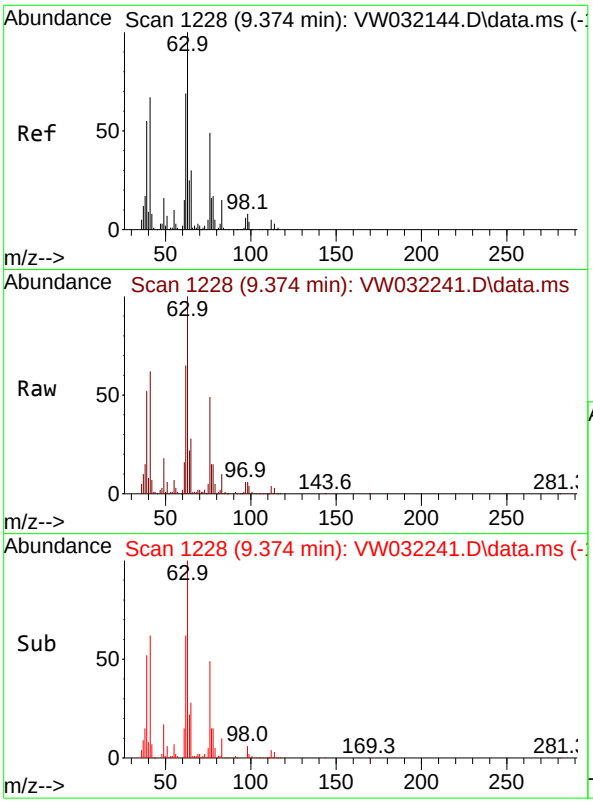


#44
Trichloroethene
Concen: 51.462 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:130 Resp: 103757

Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	220.0

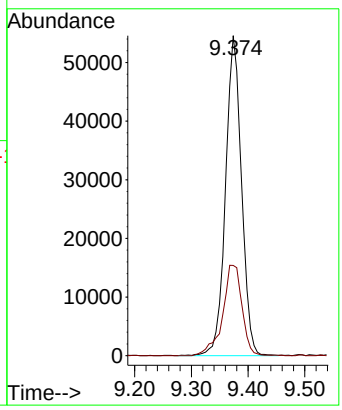




#45
1,2-Dichloropropane
Concen: 55.313 ug/l
RT: 9.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 63 Resp: 10690

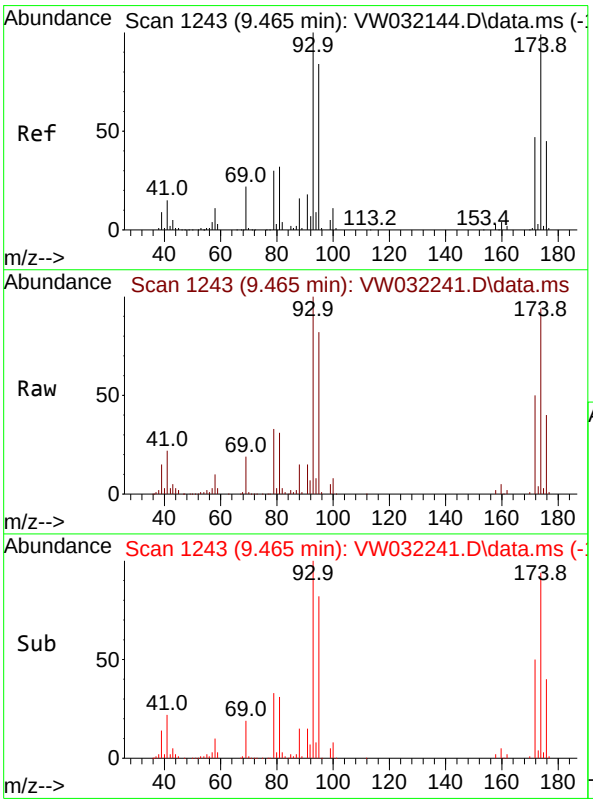
Ion	Ratio	Lower	Upper
63	100		
65	28.2	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

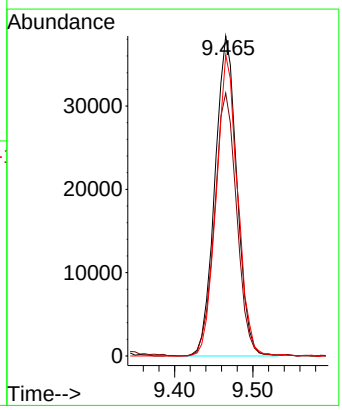
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

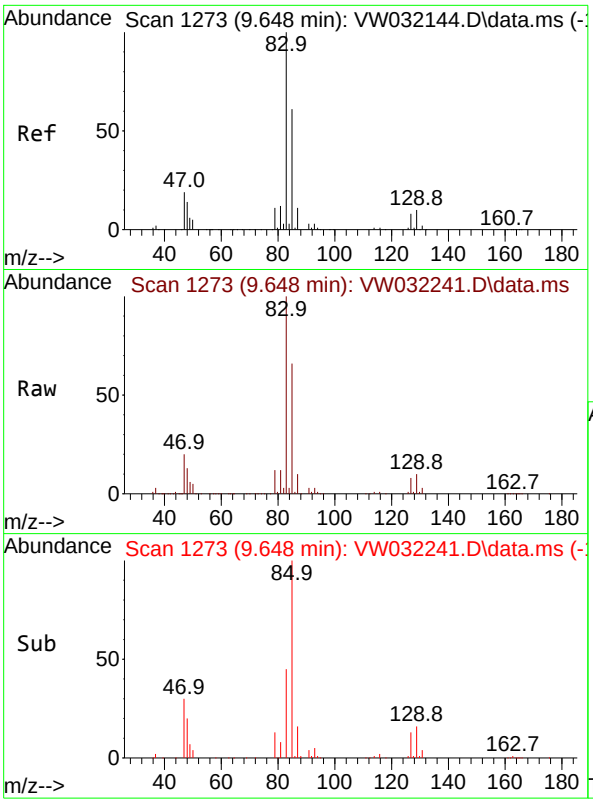


#46
Dibromomethane
Concen: 55.381 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 93 Resp: 75073

Ion	Ratio	Lower	Upper
93	100		
95	82.6	67.4	101.2
174	91.3	75.7	113.5

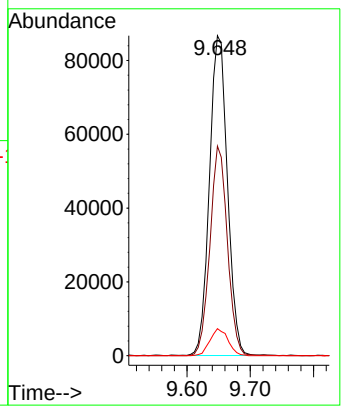




#47
Bromodichloromethane
Concen: 55.409 ug/l
RT: 9.648 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 83 Resp: 17068

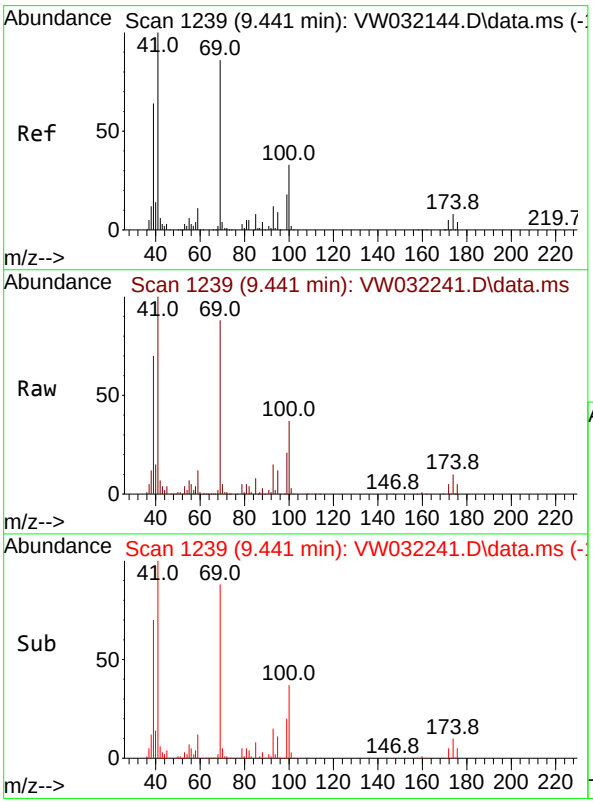
Ion	Ratio	Lower	Upper
83	100		
85	65.6	48.7	73.1
127	8.4	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

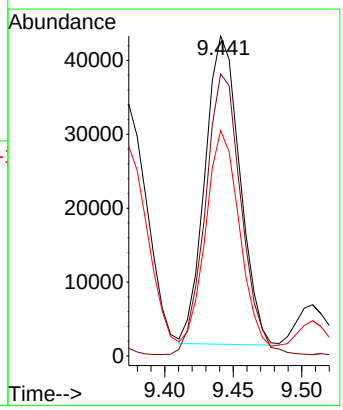
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

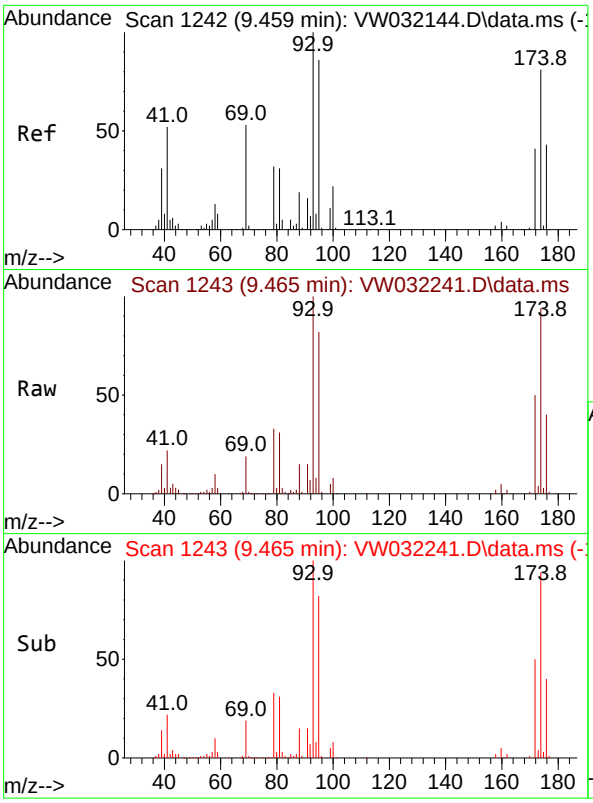


#48
Methyl methacrylate
Concen: 54.816 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 41 Resp: 73737

Ion	Ratio	Lower	Upper
41	100		
69	94.5	71.5	107.3
39	73.4	55.9	83.9

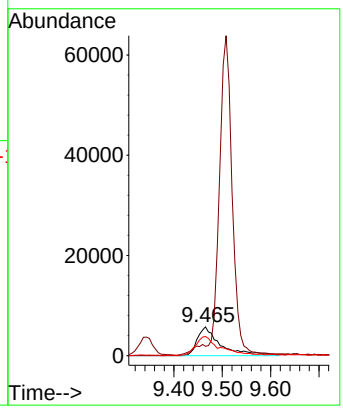




#49
1,4-Dioxane
Concen: 1173.130 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 88 Resp: 1921

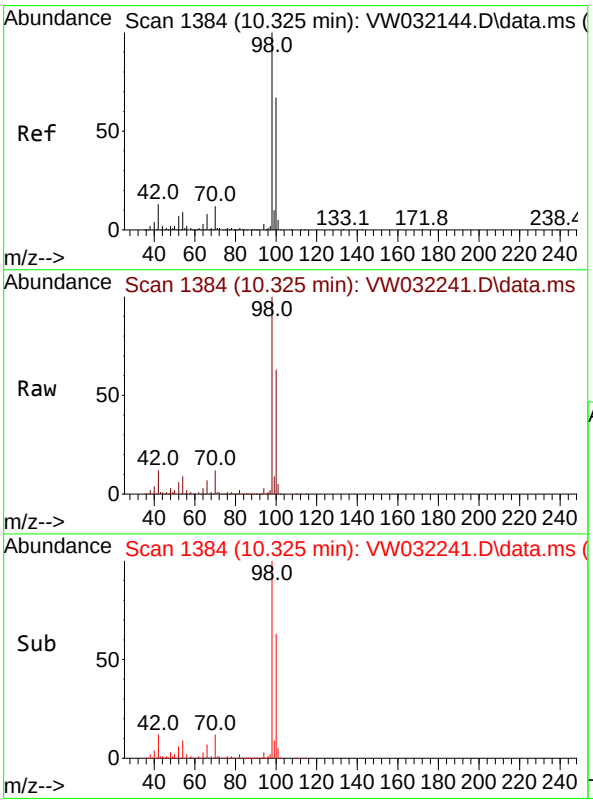
Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.0	27.0#
58	69.1	55.4	83.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

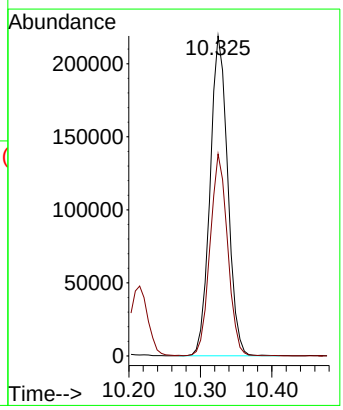
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

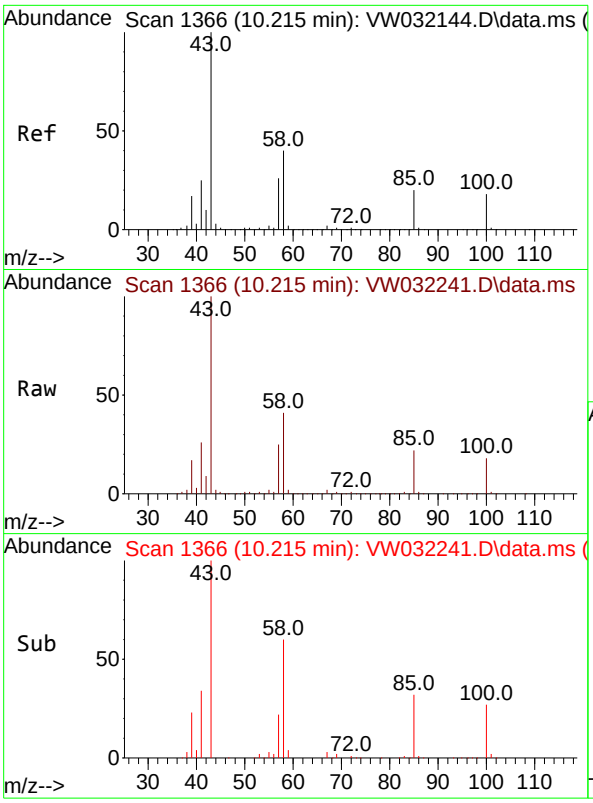


#50
Toluene-d8
Concen: 53.487 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 98 Resp: 375602

Ion	Ratio	Lower	Upper
98	100		
100	62.5	51.4	77.2

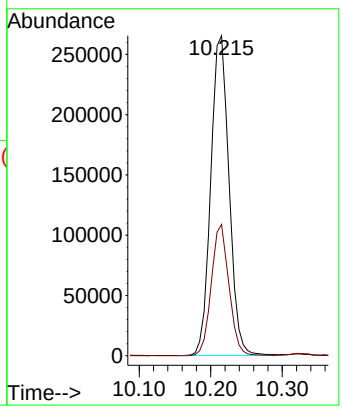




#51
4-Methyl-2-Pentanone
Concen: 286.239 ug/l
RT: 10.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 47177

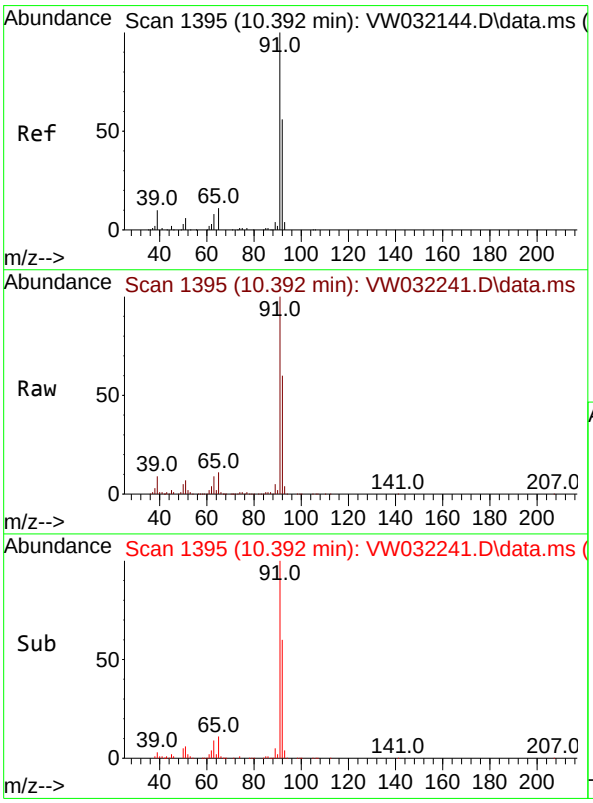
Ion	Ratio	Lower	Upper
43	100		
58	39.6	32.0	48.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

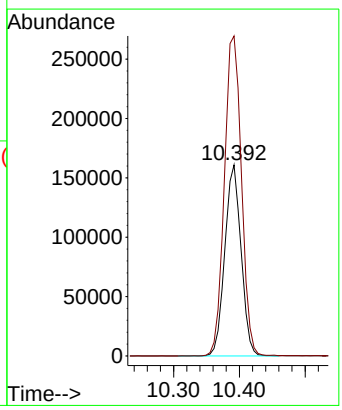
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

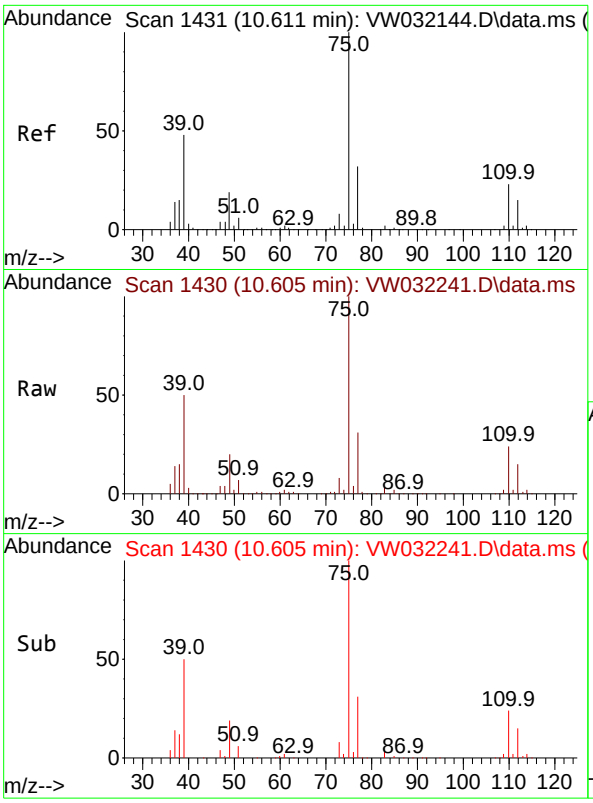


#52
Toluene
Concen: 52.868 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 92 Resp: 276980

Ion	Ratio	Lower	Upper
92	100		
91	176.3	137.5	206.3

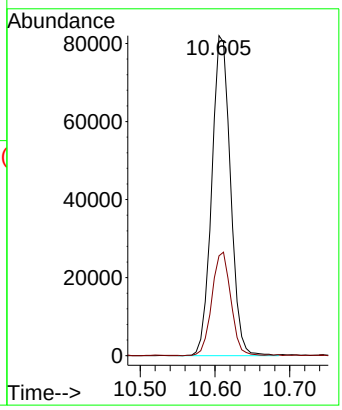




#53
t-1,3-Dichloropropene
Concen: 52.661 ug/l
RT: 10.605 min Scan# 14
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 14310

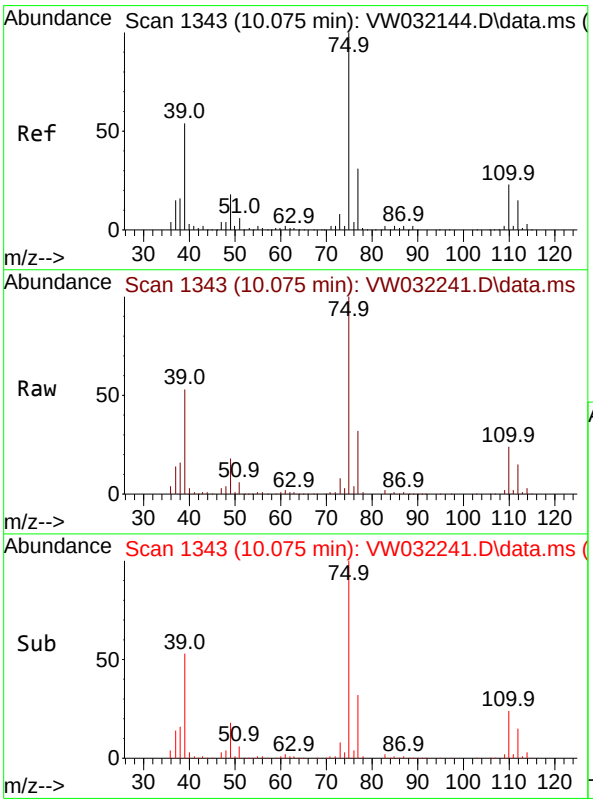
Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.6	38.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

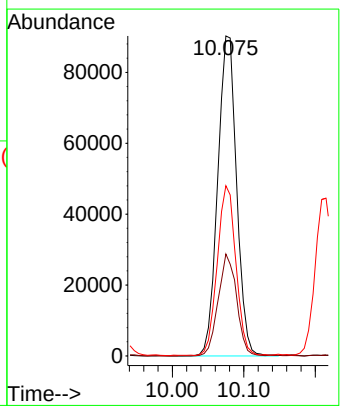
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

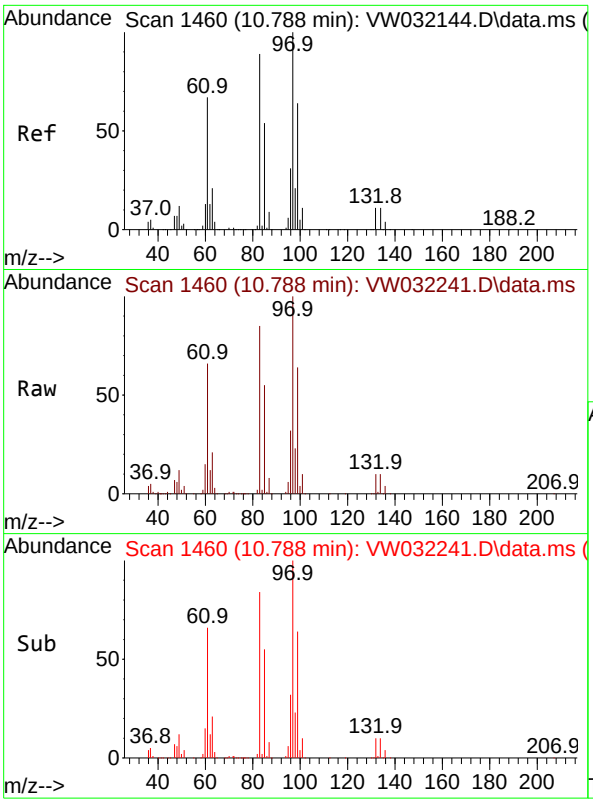


#54
cis-1,3-Dichloropropene
Concen: 53.380 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 165518

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7
39	53.0	43.2	64.8

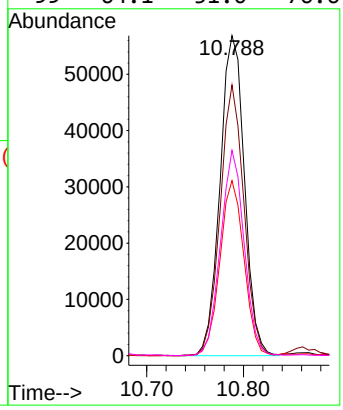




#55
1,1,2-Trichloroethane
Concen: 56.440 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 97 Resp: 9948

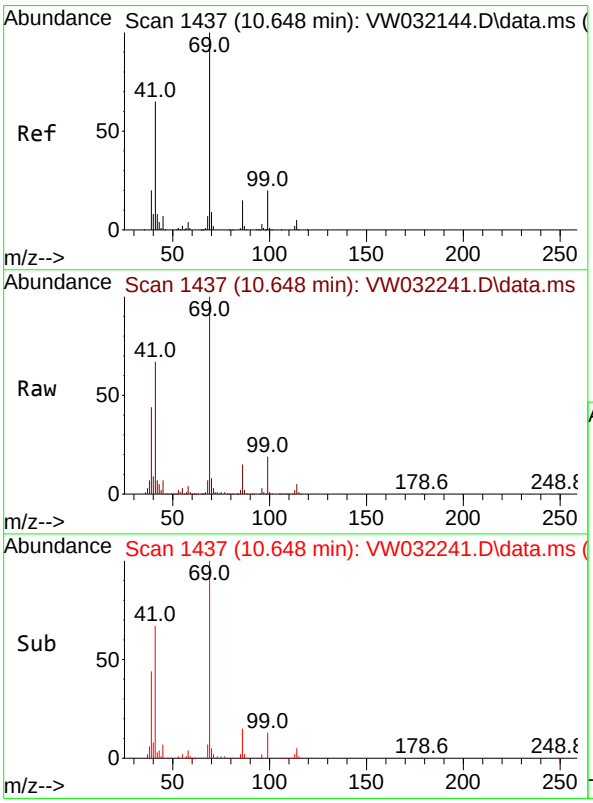
Ion	Ratio	Lower	Upper
97	100		
83	84.6	71.0	106.6
85	54.7	42.8	64.2
99	64.1	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

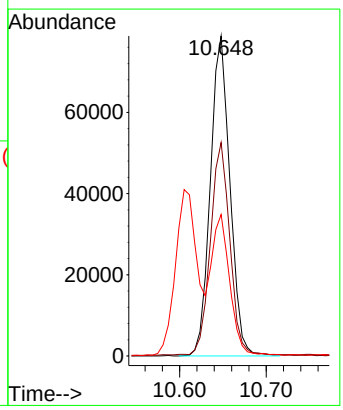
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

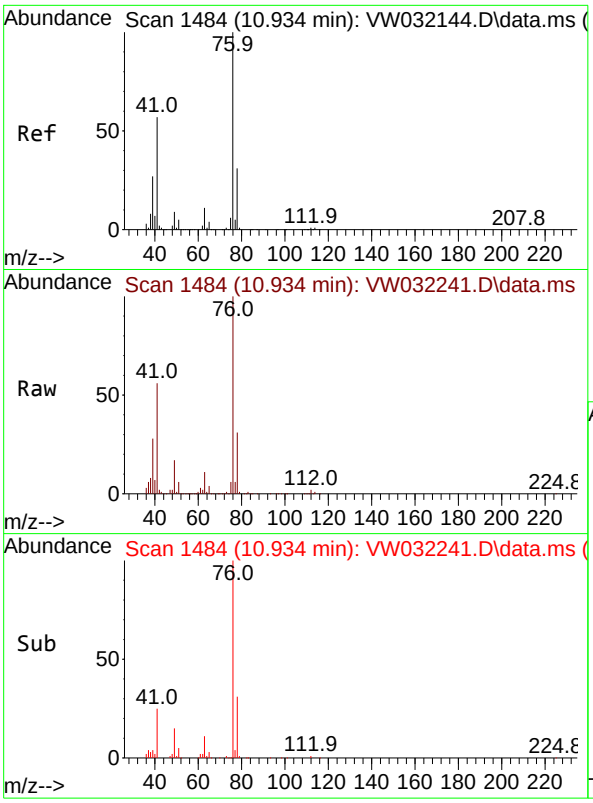


#56
Ethyl methacrylate
Concen: 55.068 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 69 Resp: 124101

Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.2	79.8
39	40.7	32.9	49.3

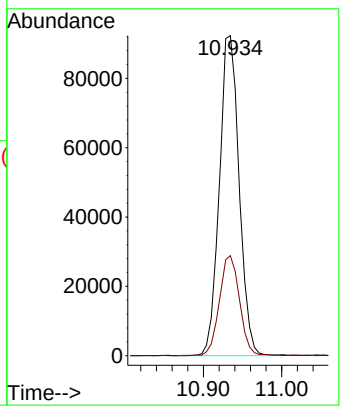




#57
1,3-Dichloropropane
Concen: 54.977 ug/l
RT: 10.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 76 Resp: 16226

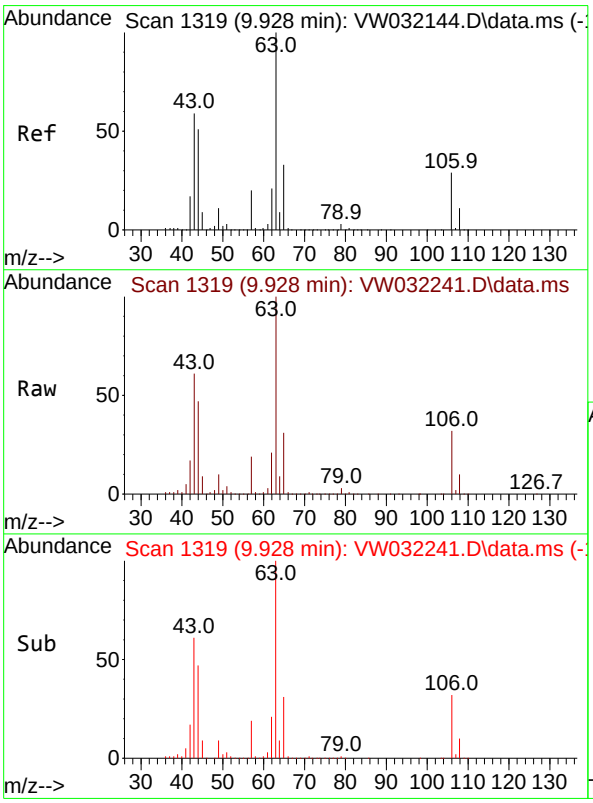
Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

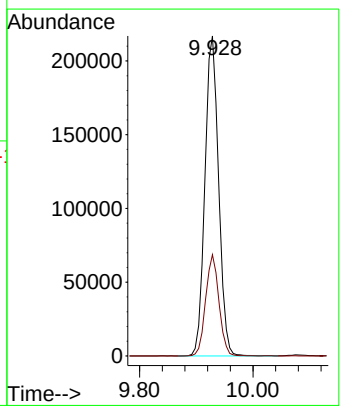
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

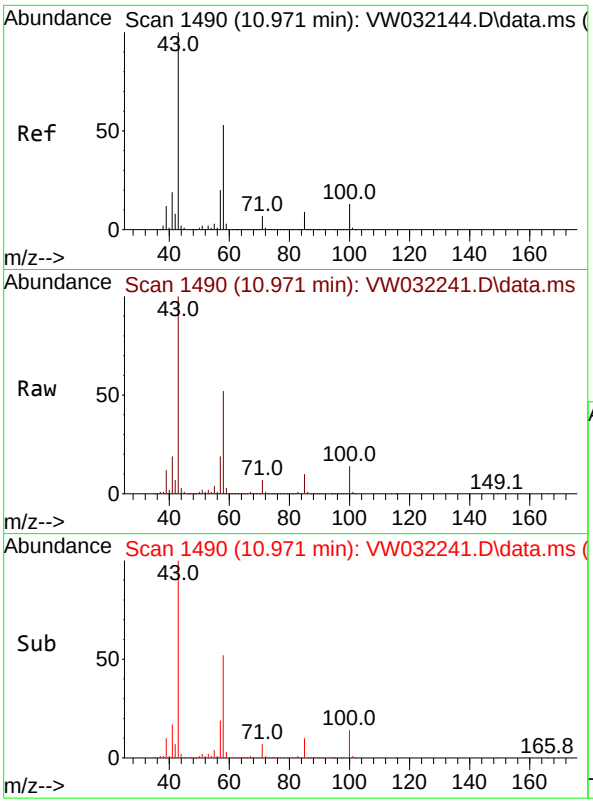


#58
2-Chloroethyl Vinyl ether
Concen: 301.308 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 63 Resp: 362434

Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.3	36.5





#59
2-Hexanone
Concen: 286.998 ug/l
RT: 10.971 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

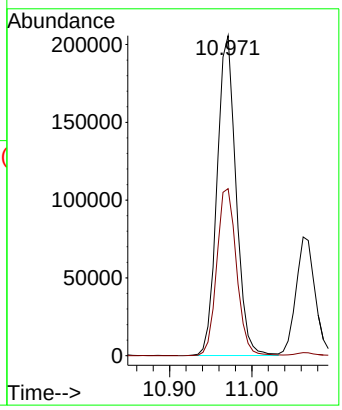
Tgt Ion: 43 Resp: 32897

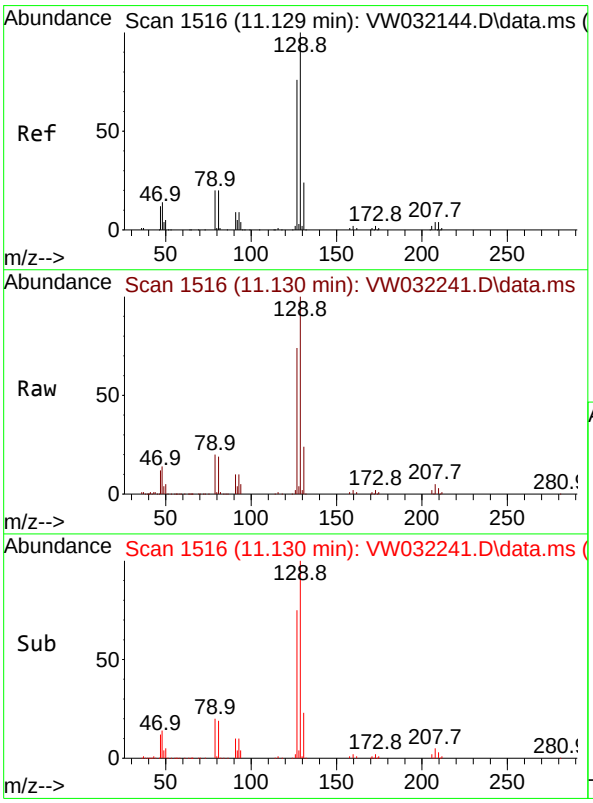
Ion	Ratio	Lower	Upper
43	100		
58	54.5	27.5	82.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

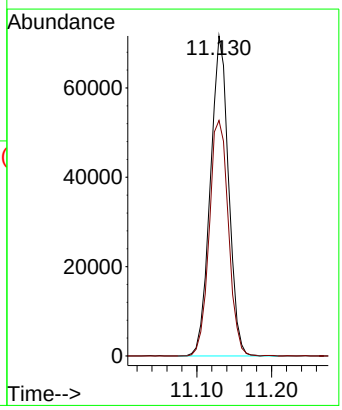


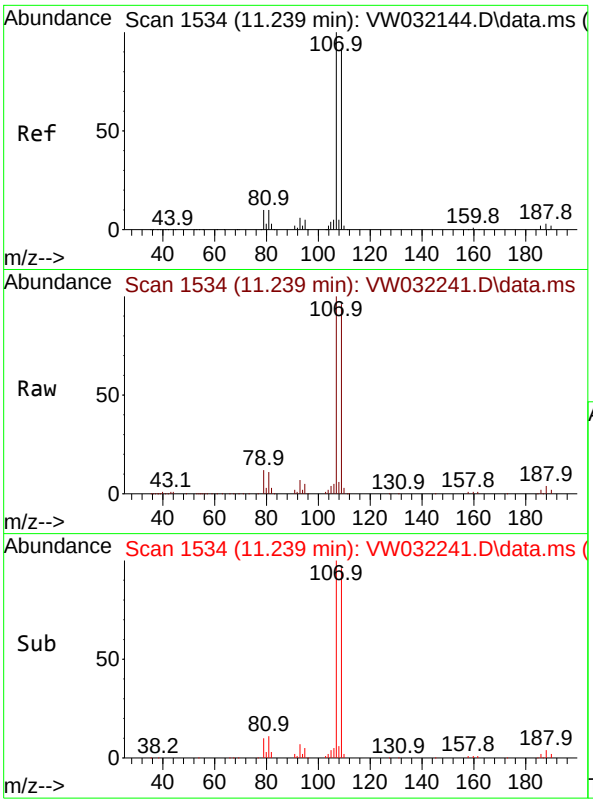


#60
Dibromochloromethane
Concen: 56.950 ug/l
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:129 Resp: 121475

Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.1	114.5

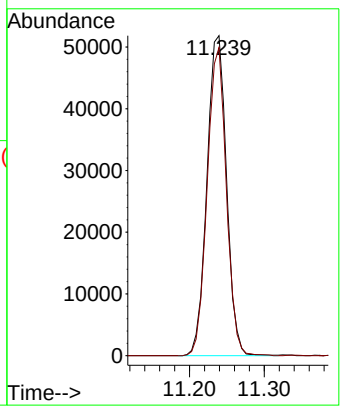




#61
1,2-Dibromoethane
Concen: 54.500 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:107 Resp: 9447

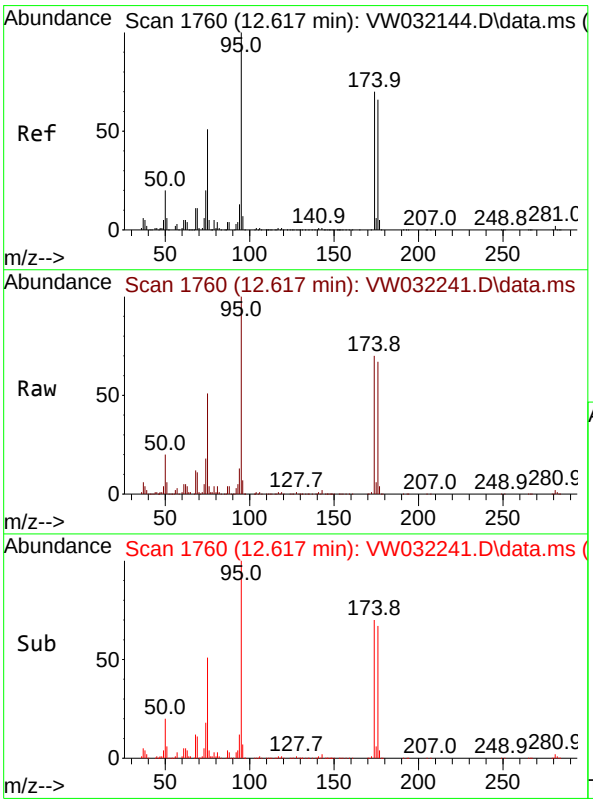
Ion	Ratio	Lower	Upper
107	100		
109	93.9	74.5	111.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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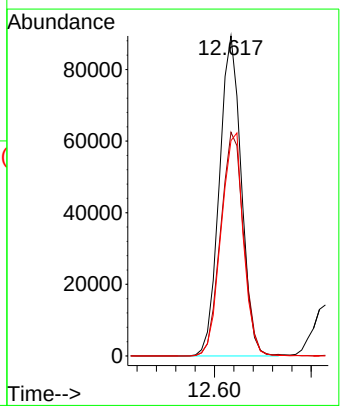
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

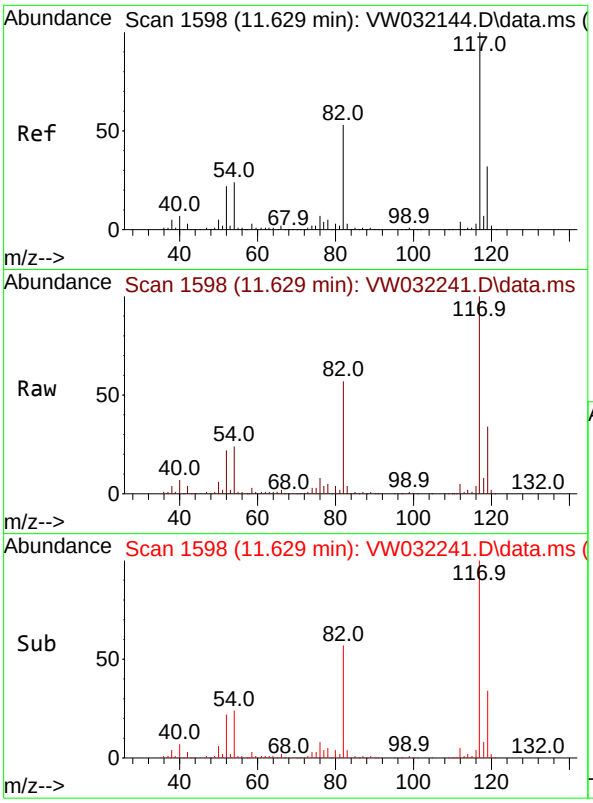


#62
4-Bromofluorobenzene
Concen: 54.134 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 95 Resp: 140573

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	145.6
176	71.1	0.0	140.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

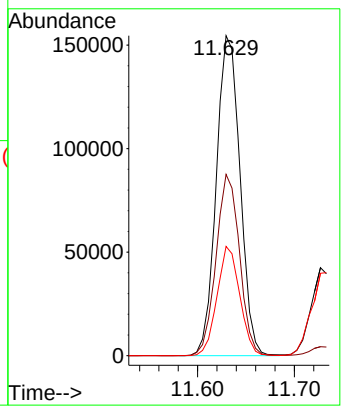
Tgt Ion:117 Resp: 26338

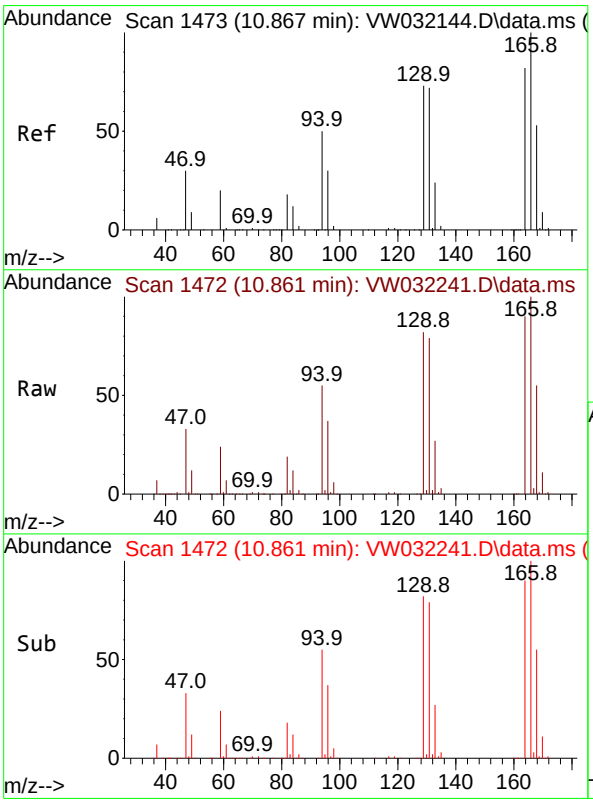
Ion	Ratio	Lower	Upper
117	100		
82	56.6	42.7	64.1
119	34.1	25.2	37.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

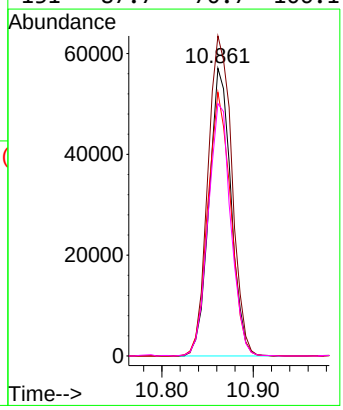


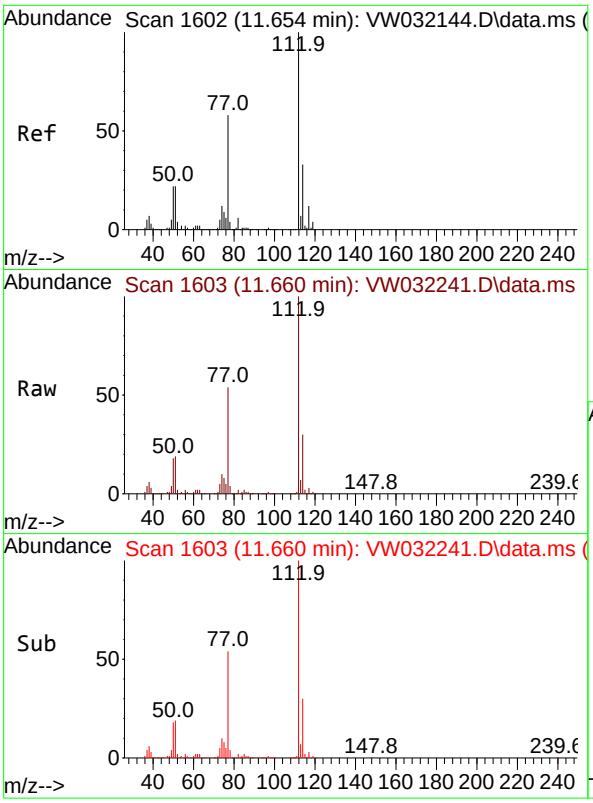


#64
Tetrachloroethene
Concen: 54.852 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:164 Resp: 95085

Ion	Ratio	Lower	Upper
164	100		
166	111.2	97.5	146.3
129	91.6	71.2	106.8
131	87.7	70.7	106.1

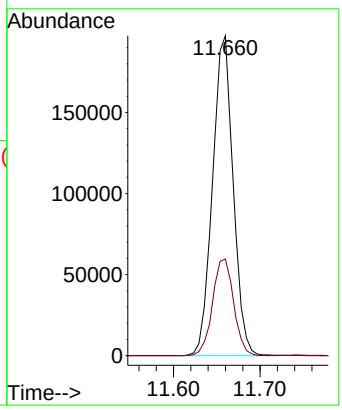




#65
Chlorobenzene
Concen: 54.349 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:112 Resp: 32582

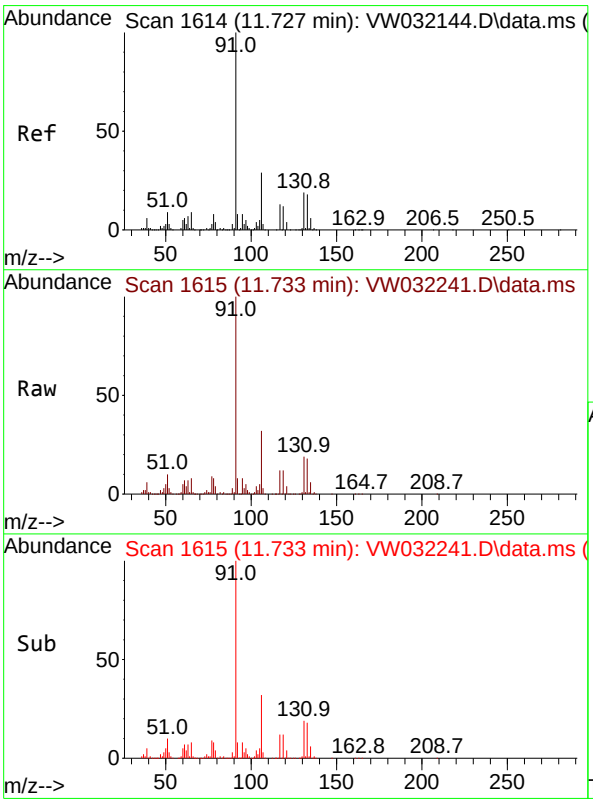
Ion	Ratio	Lower	Upper
112	100		
114	30.2	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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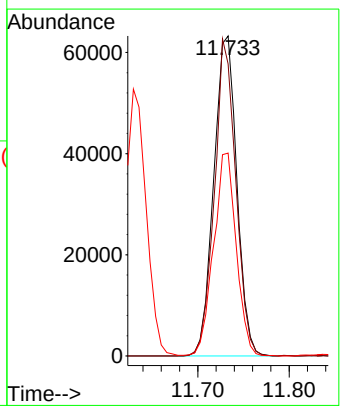
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

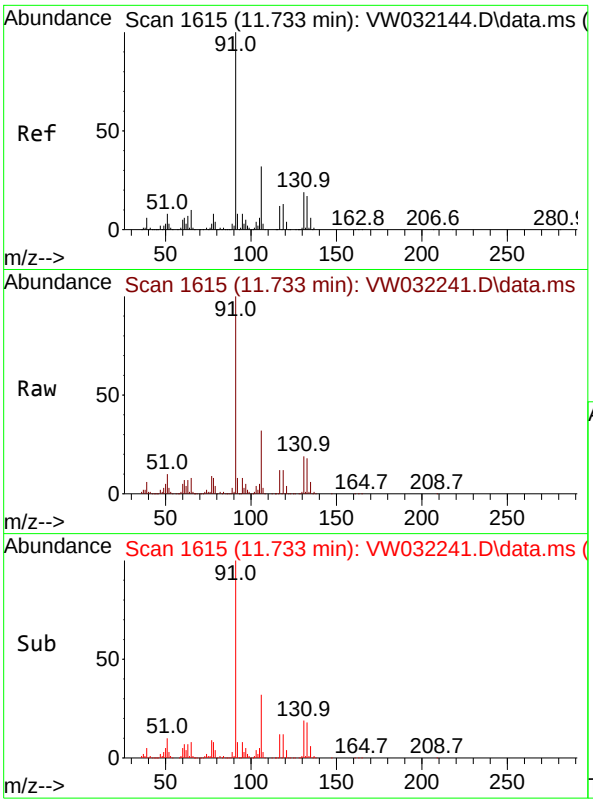


#66
1,1,1,2-Tetrachloroethane
Concen: 56.131 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:131 Resp: 110786

Ion	Ratio	Lower	Upper
131	100		
133	92.0	47.7	143.1
119	62.6	32.8	98.3

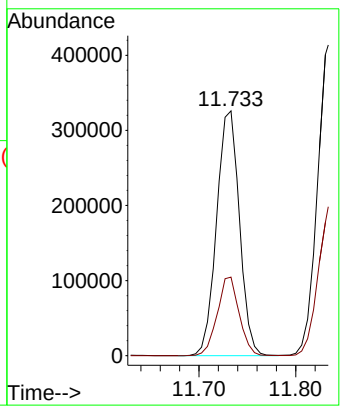




#67
Ethyl Benzene
Concen: 54.368 ug/l
RT: 11.733 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 91 Resp: 53401

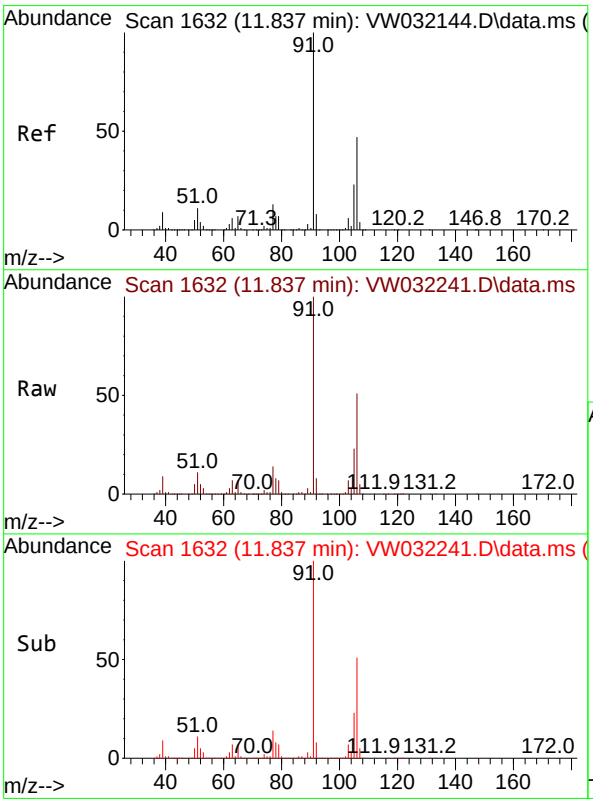
Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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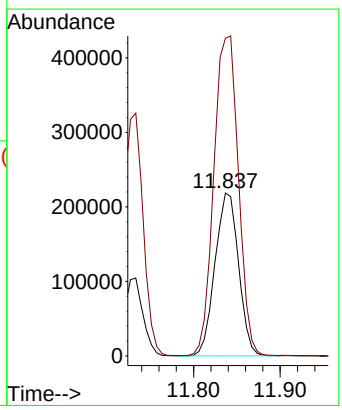
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

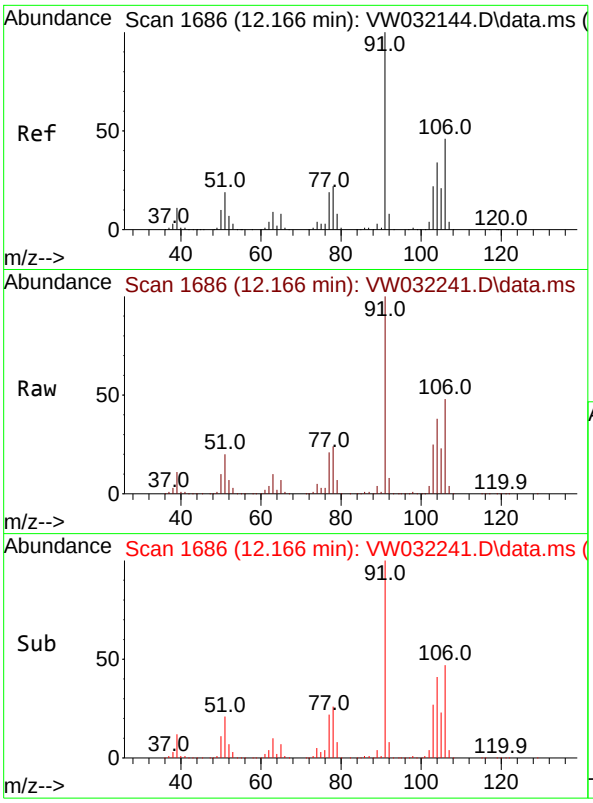


#68
m/p-Xylenes
Concen: 109.038 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:106 Resp: 412192

Ion	Ratio	Lower	Upper
106	100		
91	205.8	164.2	246.2





#69
o-Xylene
Concen: 54.277 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

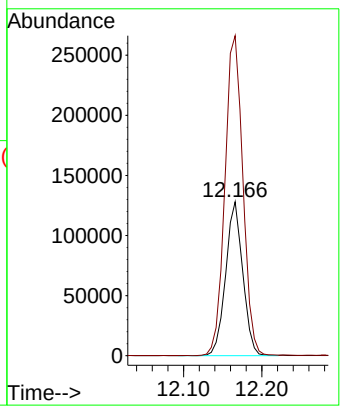
Tgt Ion:106 Resp: 19408

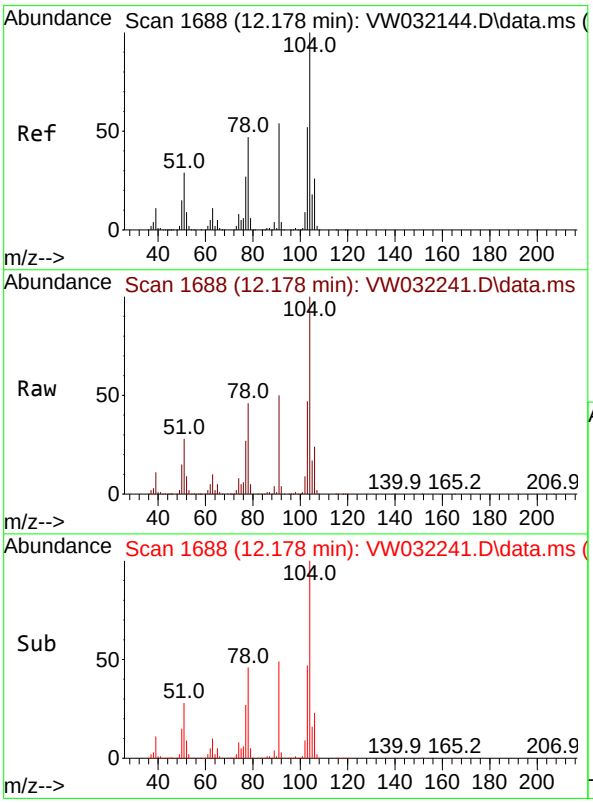
Ion	Ratio	Lower	Upper
106	100		
91	219.1	108.7	326.3

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

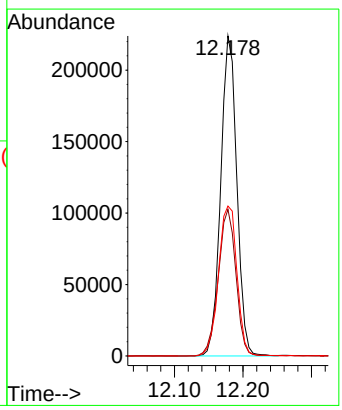


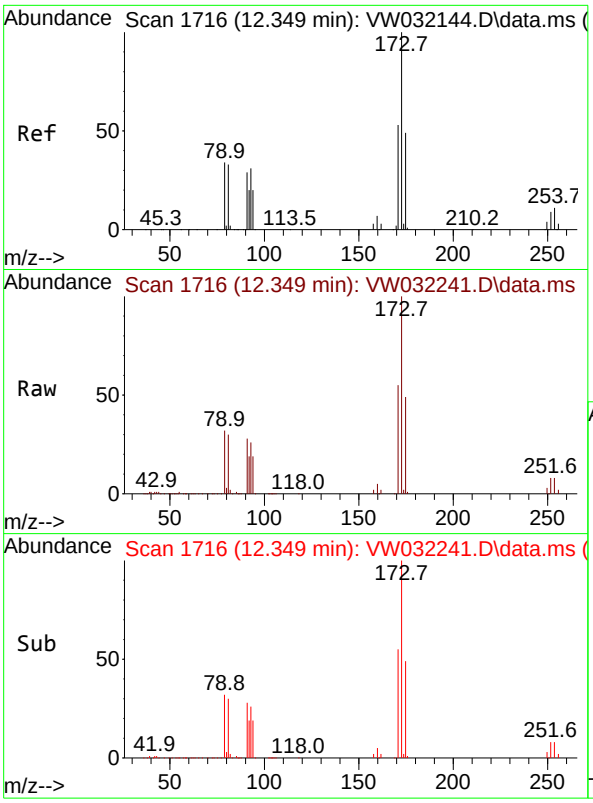


#70
Styrene
Concen: 57.819 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:104 Resp: 364451

Ion	Ratio	Lower	Upper
104	100		
78	50.4	41.6	62.4
103	53.7	44.8	67.2

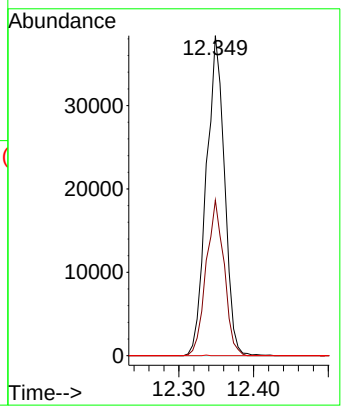




#71
Bromoform
Concen: 55.101 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:173 Resp: 6459

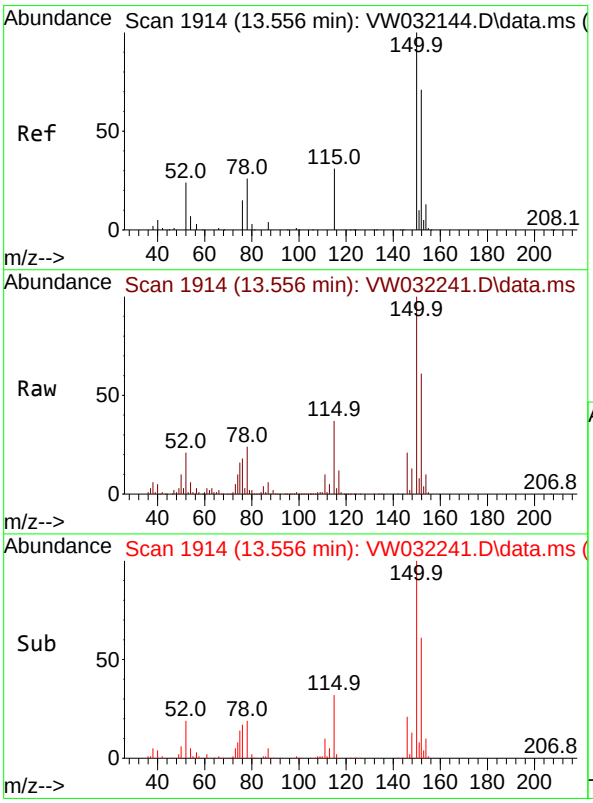
Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.9	74.7
254	0.0	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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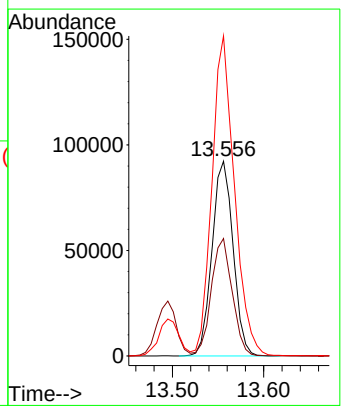
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

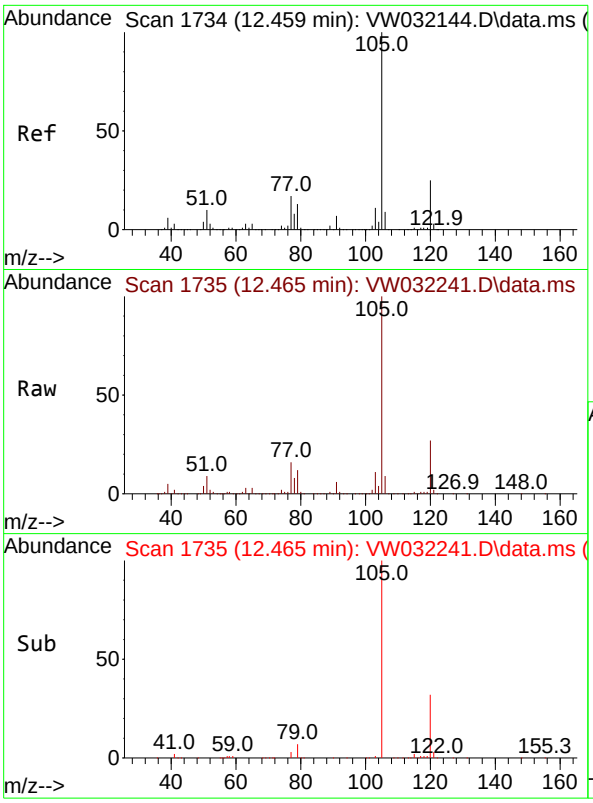


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:152 Resp: 147797

Ion	Ratio	Lower	Upper
152	100		
115	59.7	31.8	95.4
150	175.3	0.0	343.0





#73
Isopropylbenzene
Concen: 49.958 ug/l
RT: 12.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

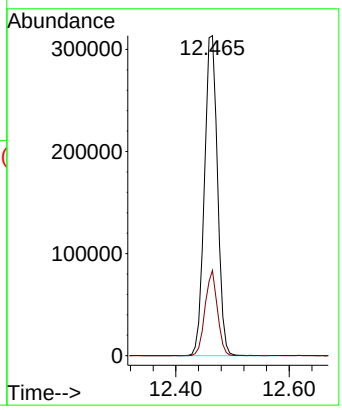
Tgt Ion:105 Resp: 50162

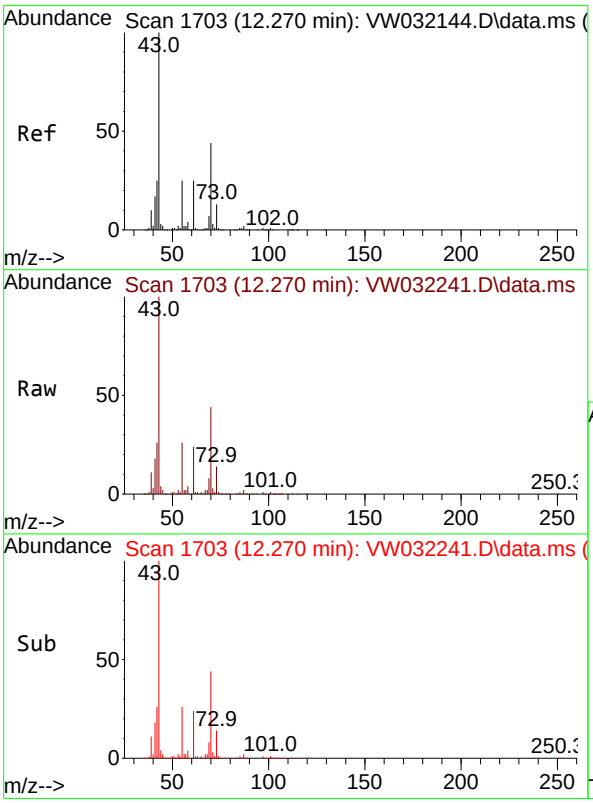
Ion	Ratio	Lower	Upper
105	100		
120	25.1	13.0	38.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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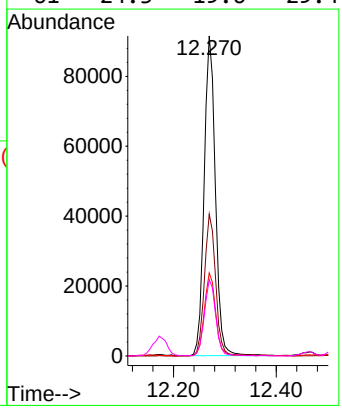


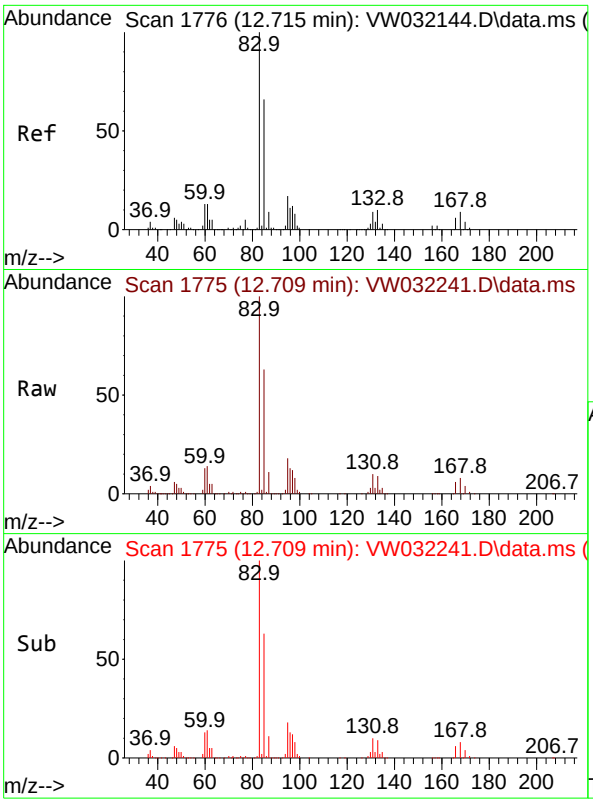


#74
N-amyl acetate
Concen: 47.441 ug/l
RT: 12.270 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 43 Resp: 138299

Ion	Ratio	Lower	Upper
43	100		
70	44.5	35.3	52.9
55	26.2	19.9	29.9
61	24.3	19.6	29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 52.209 ug/l
RT: 12.709 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

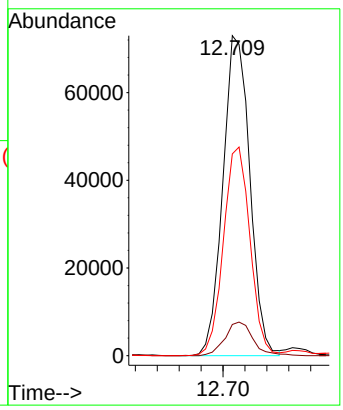
Tgt Ion: 83 Resp: 12458

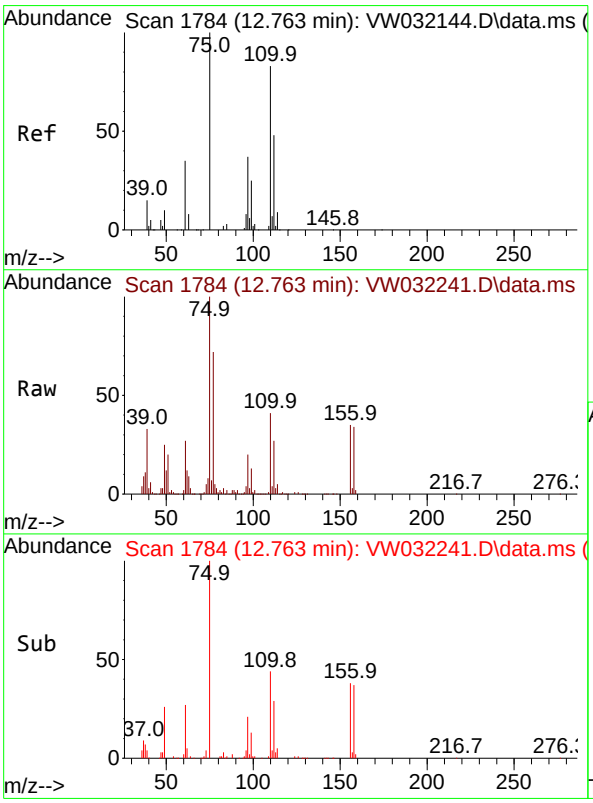
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.1	15.4
85	64.4	32.2	96.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

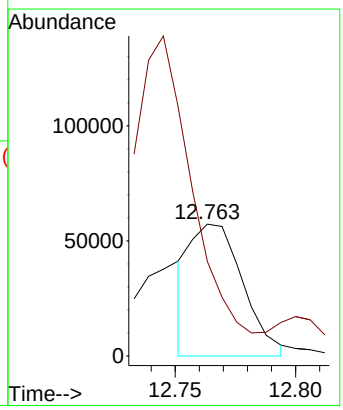


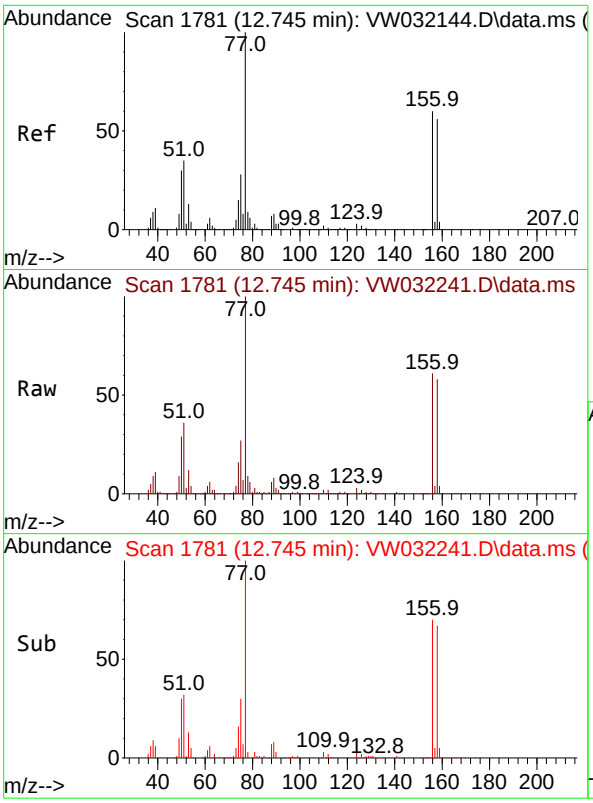


#76
1,2,3-Trichloropropane
Concen: 47.302 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 87585

Ion	Ratio	Lower	Upper
75	100		
77	288.3	141.7	425.1

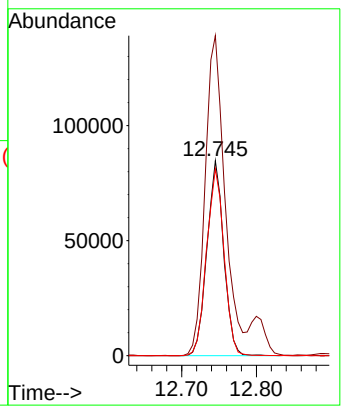




#77
Bromobenzene
Concen: 51.857 ug/l
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:156 Resp: 13277

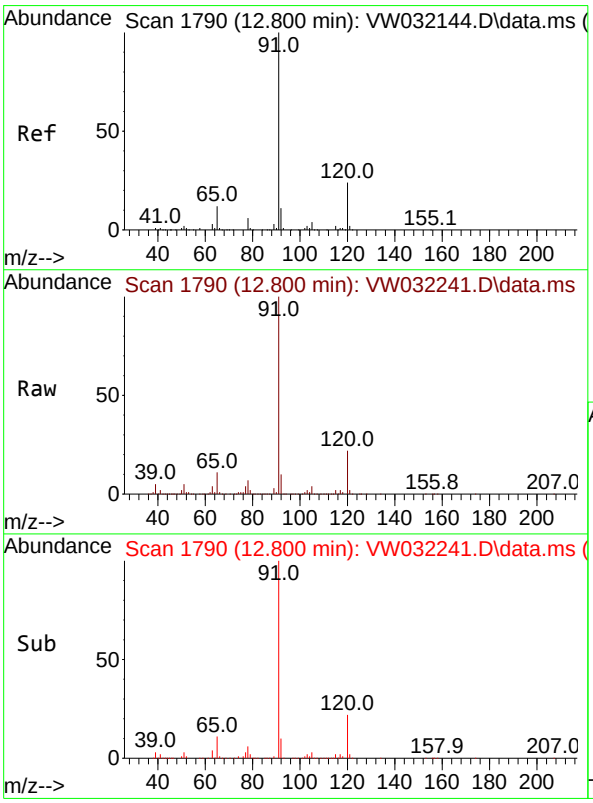
Ion	Ratio	Lower	Upper
156	100		
77	190.2	98.6	295.7
158	99.2	48.4	145.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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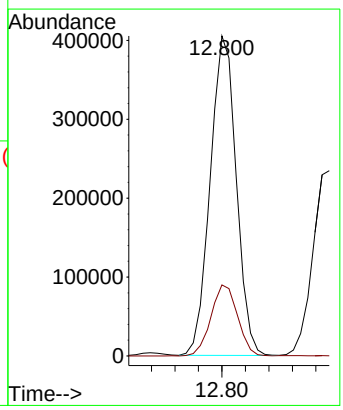
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

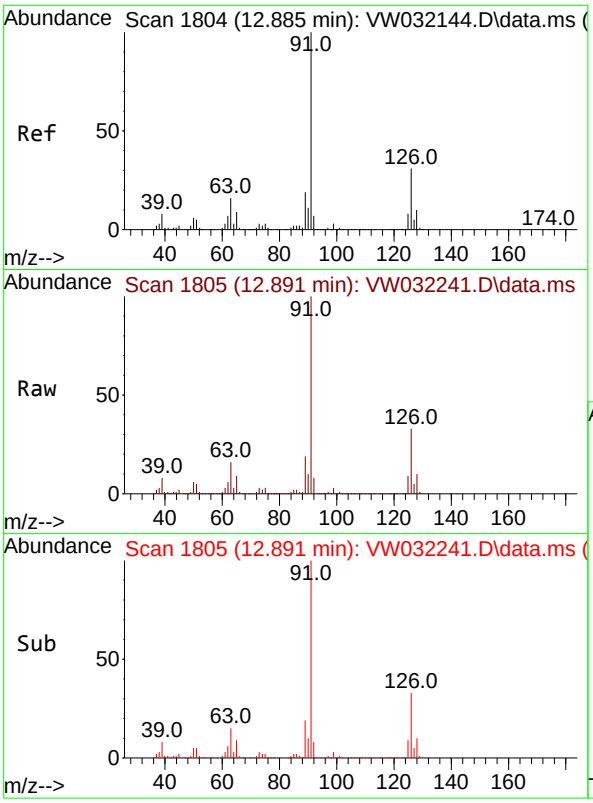


#78
n-propylbenzene
Concen: 51.197 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 91 Resp: 624108

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.8	35.4





#79
2-Chlorotoluene
Concen: 51.459 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

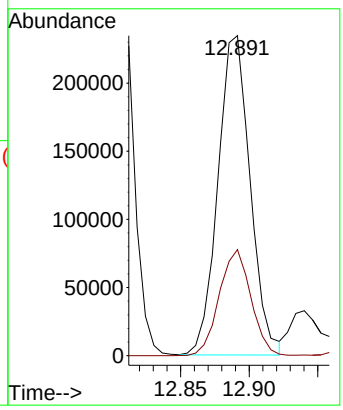
Tgt Ion: 91 Resp: 38360

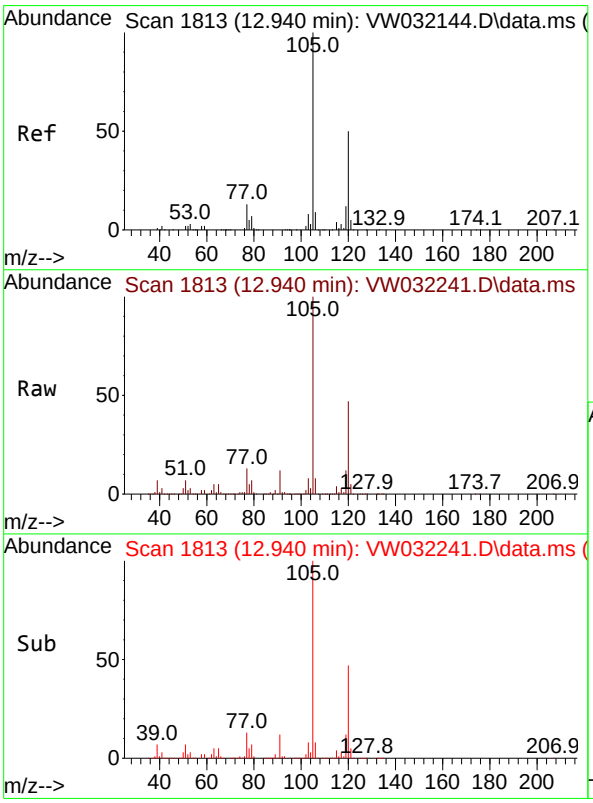
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.6	49.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

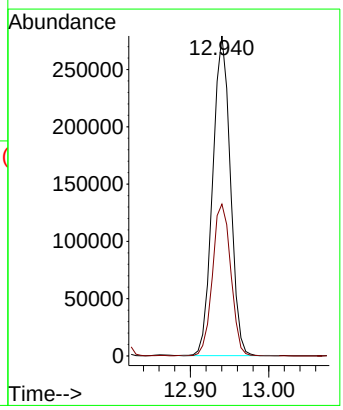


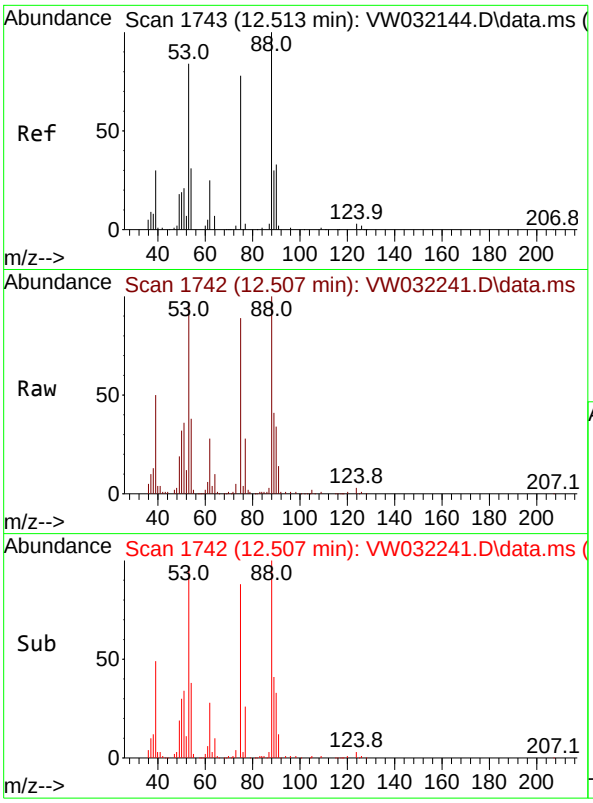


#80
1,3,5-Trimethylbenzene
Concen: 51.503 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:105 Resp: 437834

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.8	74.4

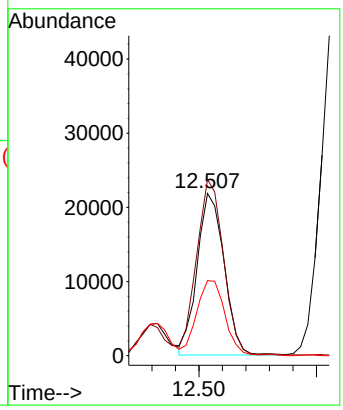




#81
trans-1,4-Dichloro-2-butene
Concen: 50.511 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 3473

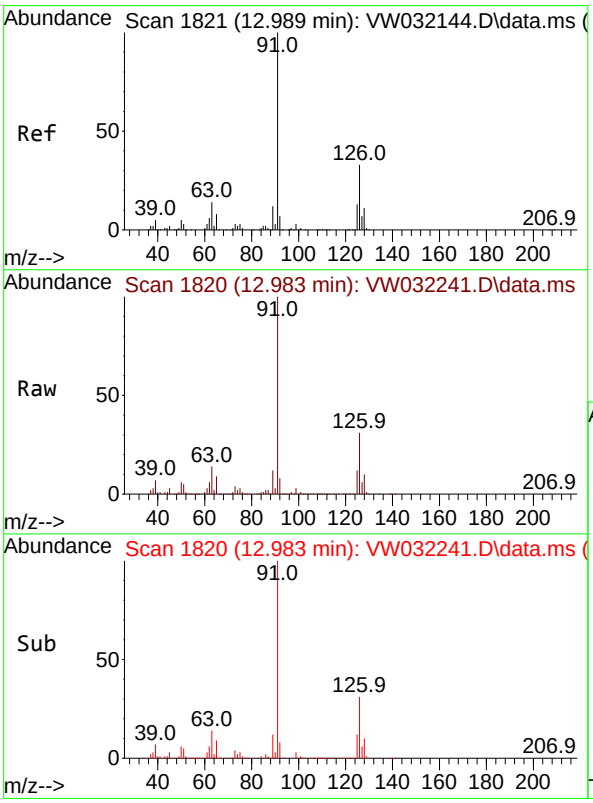
Ion	Ratio	Lower	Upper
75	100		
53	107.4	91.0	136.6
89	49.1	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

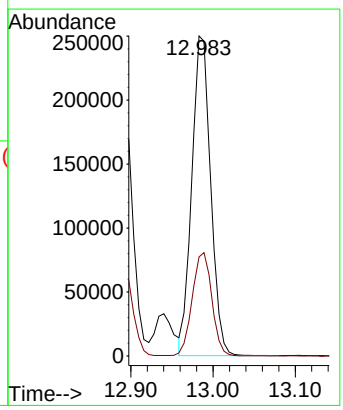
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

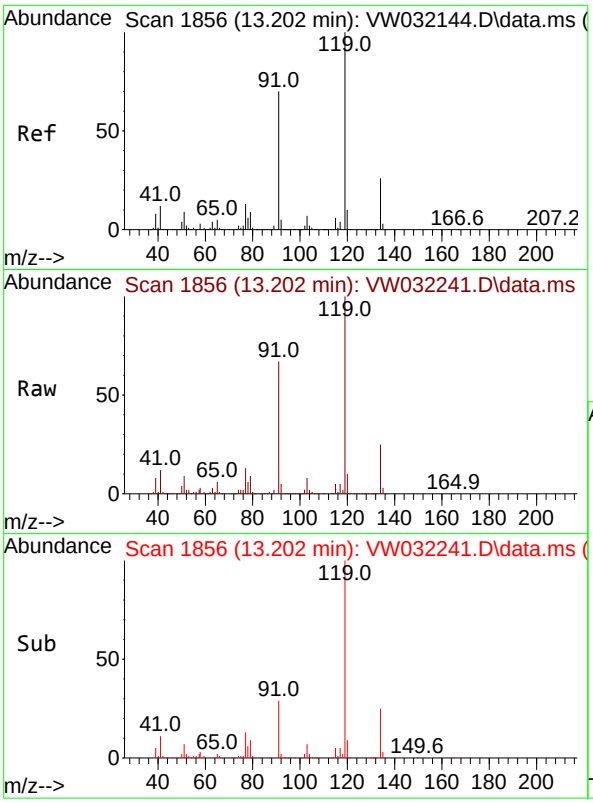


#82
4-Chlorotoluene
Concen: 49.825 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 91 Resp: 397572

Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.1	48.2

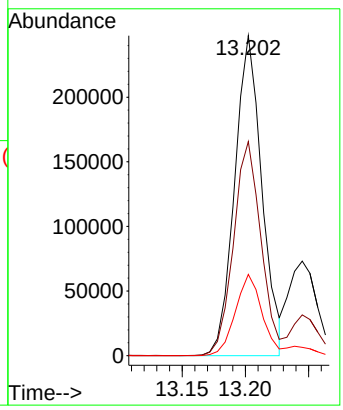




#83
tert-Butylbenzene
Concen: 51.573 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:119 Resp: 37174

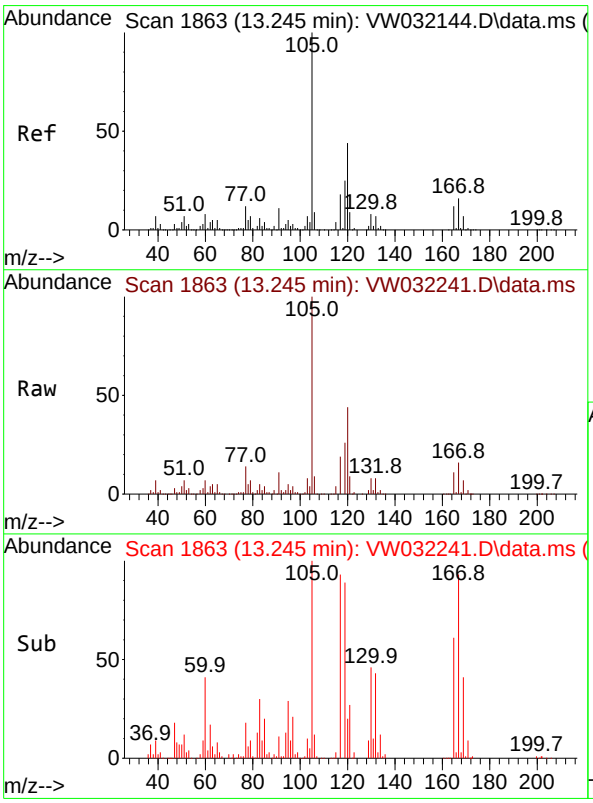
Ion	Ratio	Lower	Upper
119	100		
91	67.2	33.8	101.3
134	25.3	12.5	37.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

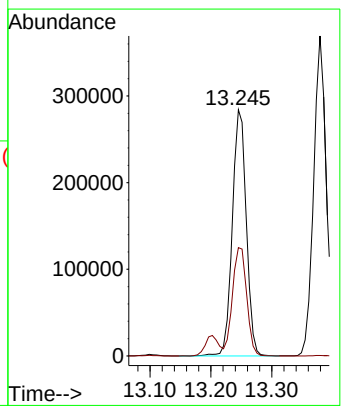
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

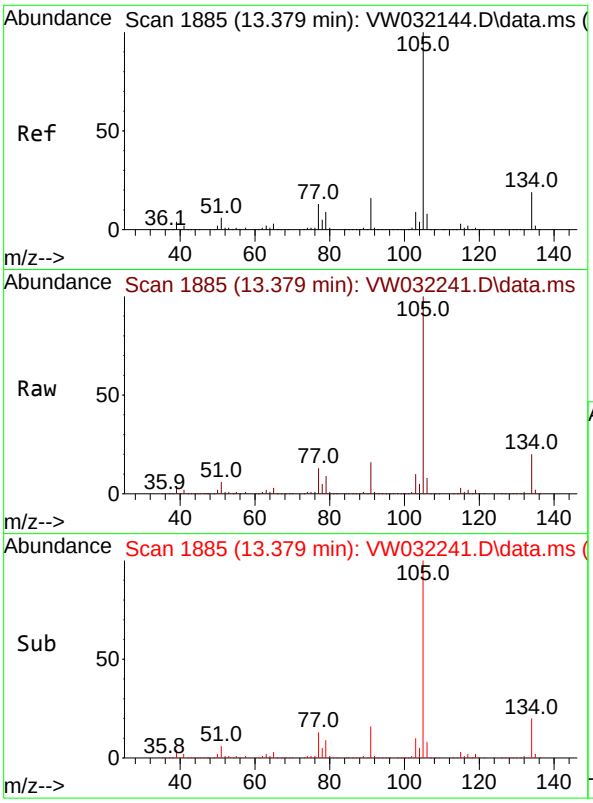


#84
1,2,4-Trimethylbenzene
Concen: 51.391 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:105 Resp: 451989

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.1	66.3





#85
sec-Butylbenzene
Concen: 49.932 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

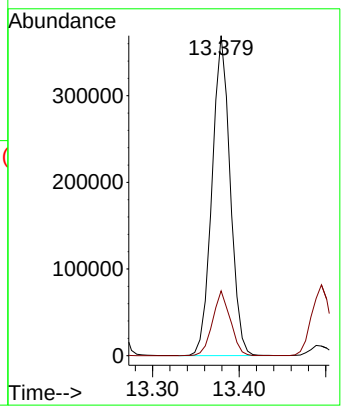
Tgt Ion:105 Resp: 53737

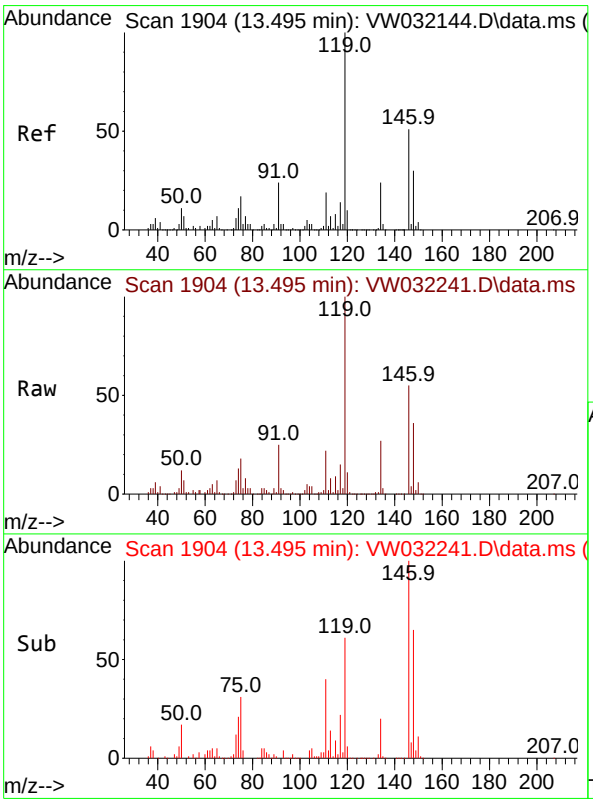
Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

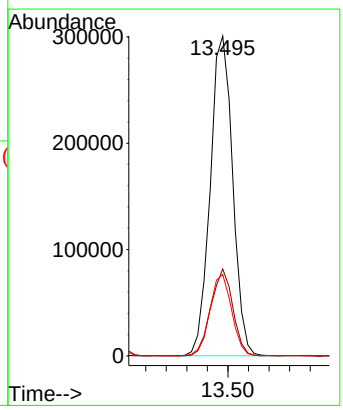


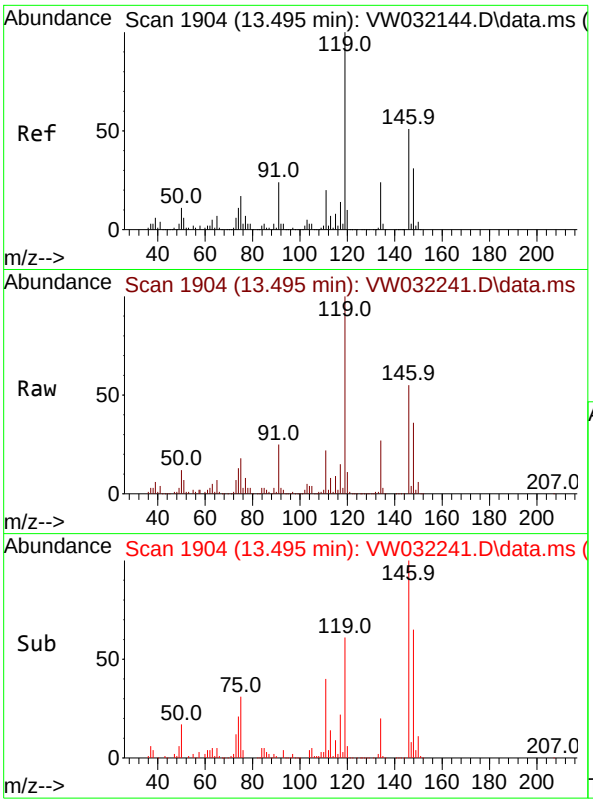


#86
p-Isopropyltoluene
Concen: 49.723 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:119 Resp: 455074

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.6	37.6
91	25.1	12.4	37.0

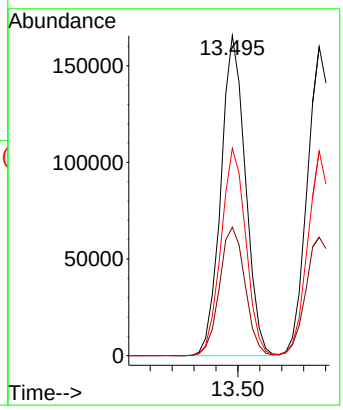




#87
1,3-Dichlorobenzene
Concen: 50.020 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:146 Resp: 25787

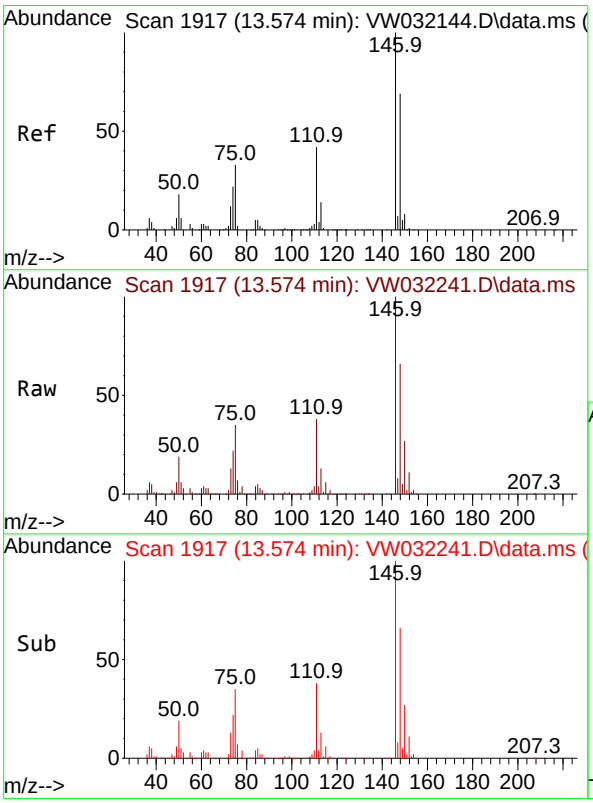
Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.6	61.9
148	65.4	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

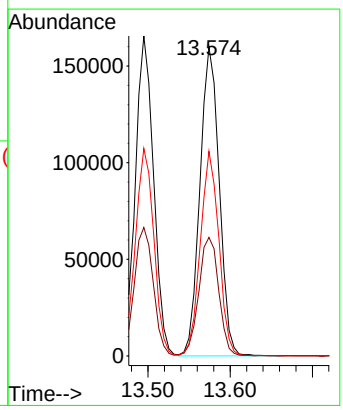
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

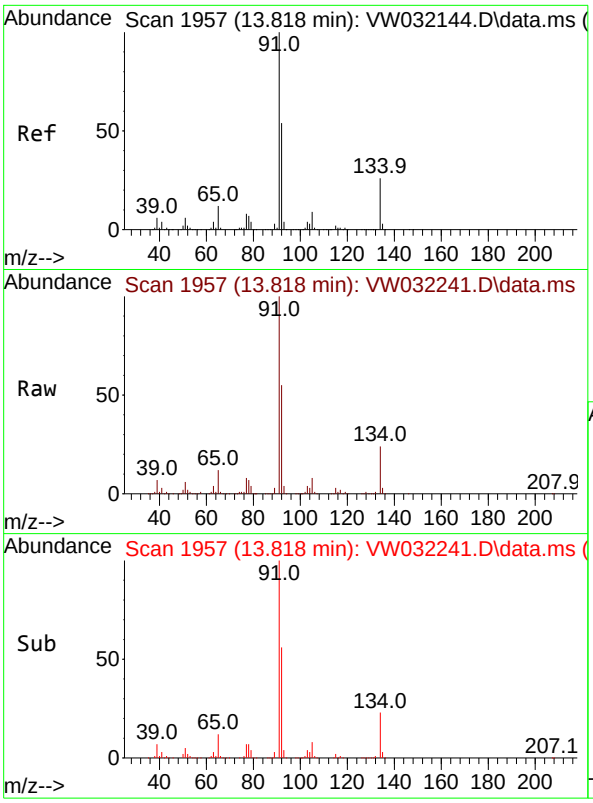


#88
1,4-Dichlorobenzene
Concen: 50.395 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:146 Resp: 260422

Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.3	63.7
148	63.7	33.4	100.1

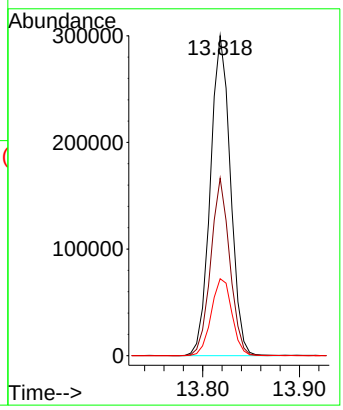




#89
n-Butylbenzene
Concen: 49.621 ug/l
RT: 13.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 91 Resp: 43296

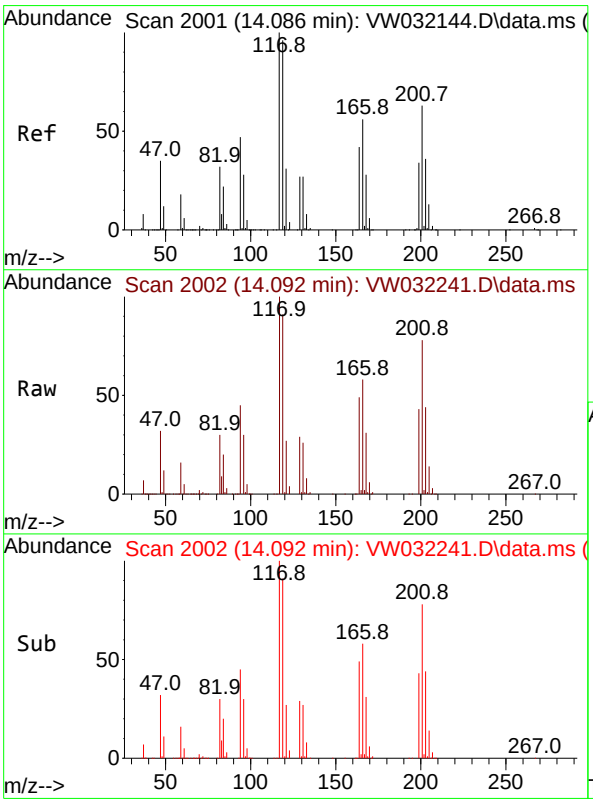
Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.0	81.0
134	24.8	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

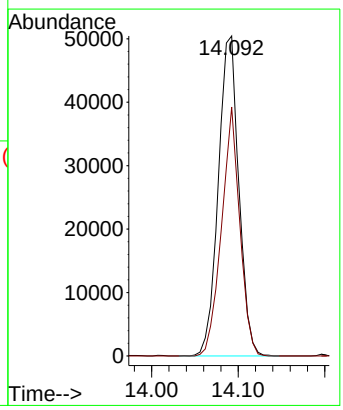
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

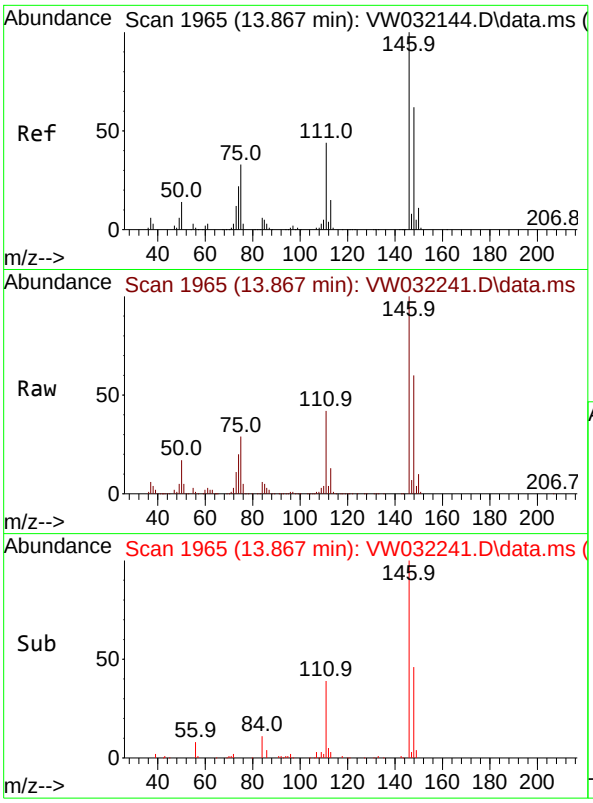


#90
Hexachloroethane
Concen: 49.598 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:117 Resp: 83029

Ion	Ratio	Lower	Upper
117	100		
201	69.2	32.8	98.4

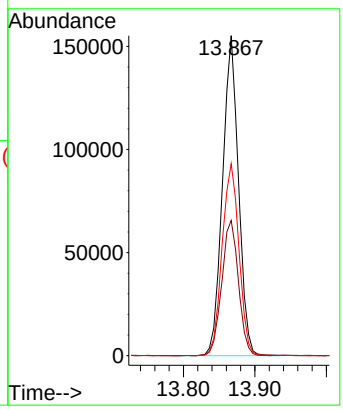




#91
1,2-Dichlorobenzene
Concen: 52.711 ug/l
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:146 Resp: 240599

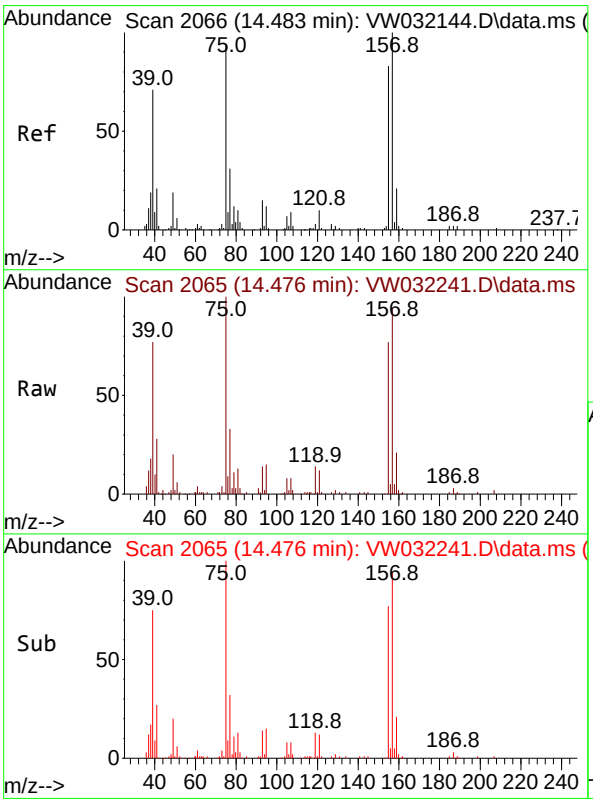
Ion	Ratio	Lower	Upper
146	100		
111	44.1	23.4	70.0
148	63.3	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

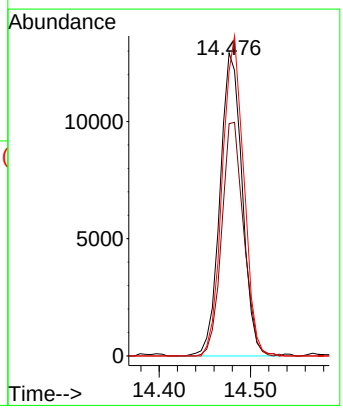
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

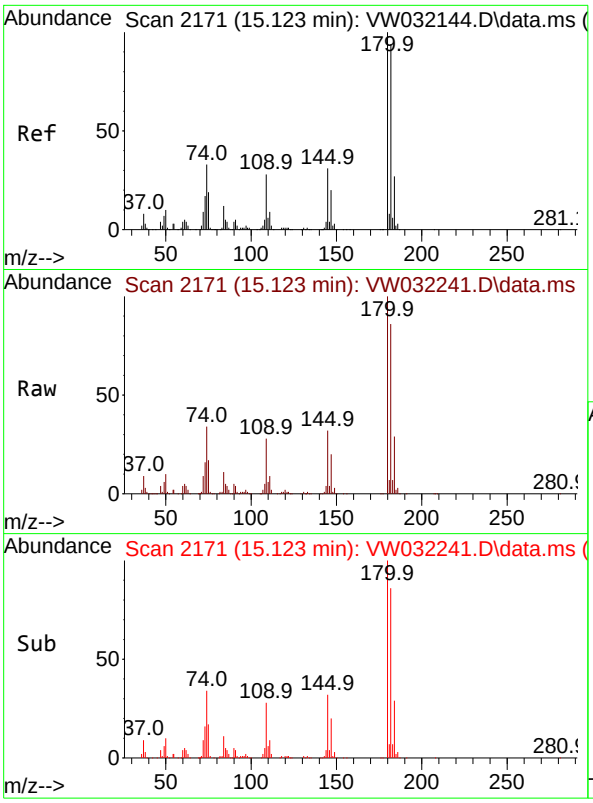


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.853 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion: 75 Resp: 21859

Ion	Ratio	Lower	Upper
75	100		
155	75.9	40.8	122.5
157	101.8	51.8	155.4





#93
1,2,4-Trichlorobenzene
Concen: 49.738 ug/l
RT: 15.123 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

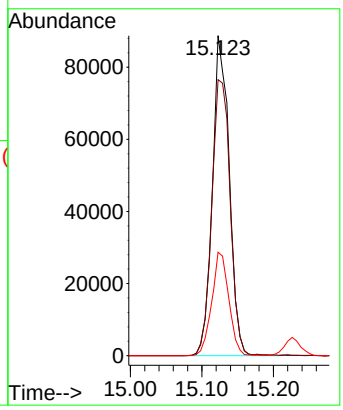
Tgt Ion:180 Resp: 14505

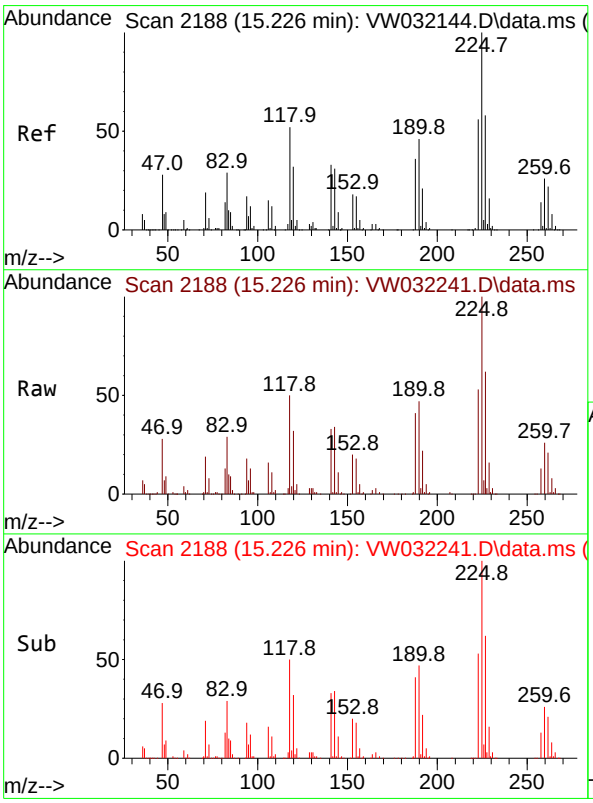
Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.2
145	32.9	16.4	49.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

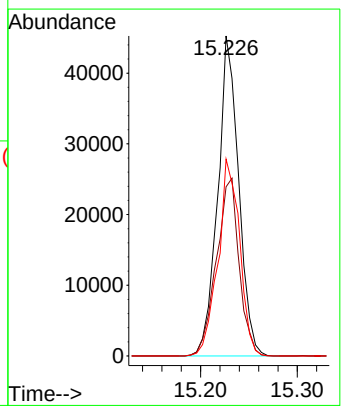


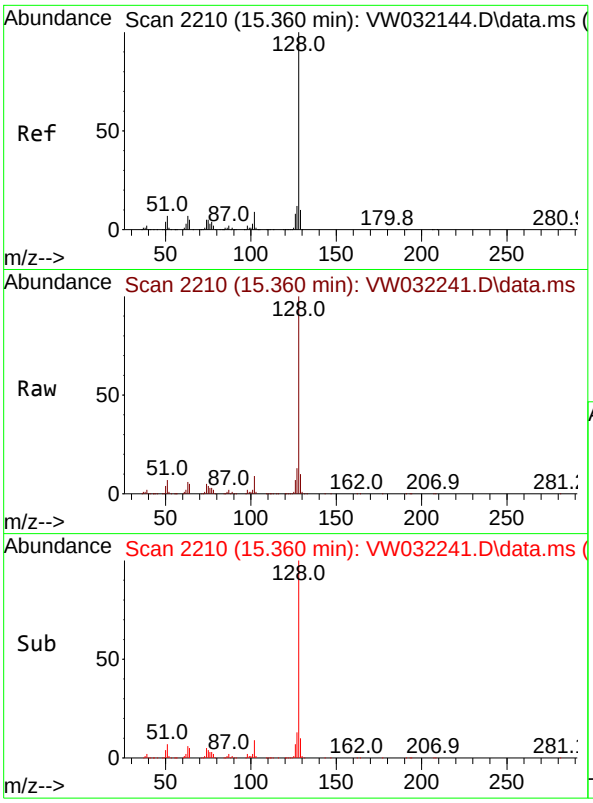


#94
Hexachlorobutadiene
Concen: 46.895 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:225 Resp: 67827

Ion	Ratio	Lower	Upper
225	100		
223	60.5	29.8	89.3
227	63.5	30.5	91.5

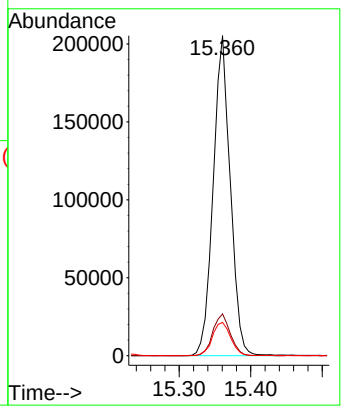




#95
Naphthalene
Concen: 51.582 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:128 Resp: 34044

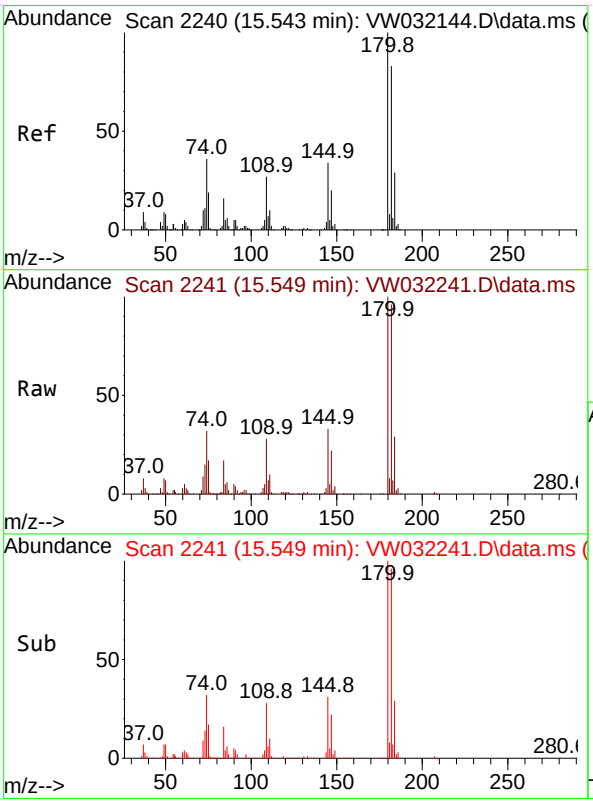
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.2	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

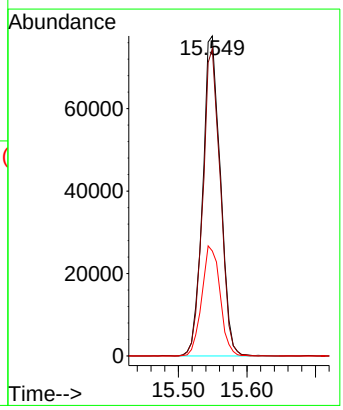
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.484 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032241.D
Acq: 24 Sep 2025 12:59

Tgt Ion:180 Resp: 139633

Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.7	143.1
145	35.5	17.2	51.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	77	0.00
2	T	Dichlorodifluoromethane	0.330	0.317	3.9	78	0.00
3	P	Chloromethane	0.346	0.321	7.2	72	0.00
4	C	Vinyl Chloride	0.450	0.448	0.4#	77	0.00
5	T	Bromomethane	0.401	0.401	0.0	82	0.00
6	T	Chloroethane	0.317	0.327	-3.2	79	0.00
7	T	Trichlorofluoromethane	0.445	0.400	10.1	64	0.00
8	T	Diethyl Ether	0.332	0.359	-8.1	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.502	0.534	-6.4	81	0.00
10	T	Methyl Iodide	0.764	0.816	-6.8	84	0.00
11	T	Tert butyl alcohol	0.044	0.043	2.3	74	0.00
12	CM	1,1-Dichloroethene	0.528	0.575	-8.9#	82	0.00
13	T	Acrolein	0.067	0.011	83.6#	12#	0.00
14	T	Allyl chloride	0.751	0.763	-1.6	76	0.00
15	T	Acrylonitrile	0.162	0.181	-11.7	85	0.00
16	T	Acetone	0.155	0.149	3.9	73	0.00
17	T	Carbon Disulfide	1.322	1.229	7.0	69	0.00
18	T	Methyl Acetate	0.493	0.721	-46.2#	107	0.00
19	T	Methyl tert-butyl Ether	0.998	1.103	-10.5	80	0.00
20	T	Methylene Chloride	0.725	0.676	6.8	81	-0.01
21	T	trans-1,2-Dichloroethene	0.590	0.634	-7.5	80	0.00
22	T	Diisopropyl ether	1.634	1.868	-14.3	84	0.00
23	T	Vinyl Acetate	1.111	1.143	-2.9	74	0.00
24	P	1,1-Dichloroethane	1.070	1.179	-10.2	82	0.00
25	T	2-Butanone	0.219	0.242	-10.5	82	0.00
26	T	2,2-Dichloropropane	0.566	0.567	-0.2	71	0.00
27	T	cis-1,2-Dichloroethene	0.718	0.782	-8.9	81	0.00
28	T	Bromochloromethane	0.490	0.567	-15.7	89	0.00
29	T	Tetrahydrofuran	0.139	0.158	-13.7	85	0.00
30	C	Chloroform	1.221	1.367	-12.0#	84	0.00
31	T	Cyclohexane	0.878	0.812	7.5	72	0.00
32	T	1,1,1-Trichloroethane	0.891	0.977	-9.7	82	0.00
33	S	1,2-Dichloroethane-d4	0.715	0.796	-11.3	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35	S	Dibromofluoromethane	0.351	0.386	-10.0	90	0.00
36	T	1,1-Dichloropropene	0.455	0.469	-3.1	78	0.00
37	T	Ethyl Acetate	0.273	0.288	-5.5	82	0.00
38	T	Carbon Tetrachloride	0.488	0.497	-1.8	77	0.00
39	T	Methylcyclohexane	0.539	0.522	3.2	71	0.00
40	TM	Benzene	1.406	1.494	-6.3	83	0.00
41	T	Methacrylonitrile	0.152	0.161	-5.9	86	0.00
42	TM	1,2-Dichloroethane	0.487	0.528	-8.4	85	0.00
43	T	Isopropyl Acetate	0.512	0.532	-3.9	80	0.00
44	TM	Trichloroethene	0.354	0.364	-2.8	82	0.00
45	C	1,2-Dichloropropane	0.339	0.375	-10.6#	85	0.00
46	T	Dibromomethane	0.238	0.263	-10.5	89	0.00
47	T	Bromodichloromethane	0.540	0.599	-10.9	85	0.00
48	T	Methyl methacrylate	0.236	0.259	-9.7	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	91	0.00
50	S	Toluene-d8	1.231	1.317	-7.0	84	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.331	-14.5	88	0.00
52	CM	Toluene	0.919	0.971	-5.7#	81	0.00
53	T	t-1,3-Dichloropropene	0.477	0.502	-5.2	79	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.581	-6.8	80	0.00
55	T	1,1,2-Trichloroethane	0.309	0.349	-12.9	91	0.00
56	T	Ethyl methacrylate	0.395	0.435	-10.1	81	0.00
57	T	1,3-Dichloropropane	0.518	0.569	-9.8	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.211	0.254	-20.4	96	0.00
59	T	2-Hexanone	0.201	0.231	-14.9	87	0.00
60	T	Dibromochloromethane	0.374	0.426	-13.9	87	0.00
61	T	1,2-Dibromoethane	0.304	0.331	-8.9	84	0.00
62	S	4-Bromofluorobenzene	0.455	0.493	-8.4	85	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.329	0.361	-9.7	85	0.00
65	PM	Chlorobenzene	1.138	1.237	-8.7	86	0.00
66	T	1,1,1,2-Tetrachloroethane	0.375	0.421	-12.3	87	0.00
67	C	Ethyl Benzene	1.865	2.028	-8.7#	83	0.00
68	T	m/p-Xylenes	0.718	0.782	-8.9	81	0.00
69	T	o-Xylene	0.679	0.737	-8.5	81	0.00
70	T	Styrene	1.197	1.384	-15.6	87	0.00
71	P	Bromoform	0.223	0.245	-9.9	86	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73	T	Isopropylbenzene	3.397	3.394	0.1	82	0.00
74	T	N-amyl acetate	0.986	0.936	5.1	80	0.00
75	P	1,1,2,2-Tetrachloroethane	0.807	0.843	-4.5	90	0.00
76	T	1,2,3-Trichloropropane	0.626	0.593	5.3	85	0.00
77	T	Bromobenzene	0.866	0.898	-3.7	86	0.00
78	T	n-propylbenzene	4.124	4.223	-2.4	84	0.00
79	T	2-Chlorotoluene	2.522	2.595	-2.9	86	0.00
80	T	1,3,5-Trimethylbenzene	2.876	2.962	-3.0	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.233	0.235	-0.9	82	0.00
82	T	4-Chlorotoluene	2.699	2.690	0.3	82	0.00
83	T	tert-Butylbenzene	2.439	2.515	-3.1	81	0.00
84	T	1,2,4-Trimethylbenzene	2.975	3.058	-2.8	83	0.00
85	T	sec-Butylbenzene	3.641	3.636	0.1	80	0.00
86	T	p-Isopropyltoluene	3.096	3.079	0.5	80	0.00
87	T	1,3-Dichlorobenzene	1.744	1.745	-0.1	84	0.00
88	T	1,4-Dichlorobenzene	1.748	1.762	-0.8	88	0.00
89	T	n-Butylbenzene	2.952	2.929	0.8	80	0.00
90	T	Hexachloroethane	0.566	0.562	0.7	84	0.00
91	T	1,2-Dichlorobenzene	1.544	1.628	-5.4	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.143	0.148	-3.5	92	0.00
93	T	1,2,4-Trichlorobenzene	0.987	0.981	0.6	82	0.00
94	T	Hexachlorobutadiene	0.489	0.459	6.1	75	0.00
95	T	Naphthalene	2.233	2.303	-3.1	85	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	0.918	0.945	-2.9	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	77	0.00
2	T	Dichlorodifluoromethane	50.000	47.960	4.1	78	0.00
3	P	Chloromethane	50.000	46.393	7.2	72	0.00
4	C	Vinyl Chloride	50.000	49.779	0.4#	77	0.00
5	T	Bromomethane	50.000	49.968	0.1	82	0.00
6	T	Chloroethane	50.000	51.688	-3.4	79	0.00
7	T	Trichlorofluoromethane	50.000	44.928	10.1	64	0.00
8	T	Diethyl Ether	50.000	53.933	-7.9	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.255	-6.5	81	0.00
10	T	Methyl Iodide	50.000	53.404	-6.8	84	0.00
11	T	Tert butyl alcohol	250.000	244.370	2.3	74	0.00
12	CM	1,1-Dichloroethene	50.000	54.413	-8.8#	82	0.00
13	T	Acrolein	250.000	39.297	84.3#	12	0.00
14	T	Allyl chloride	50.000	50.809	-1.6	76	0.00
15	T	Acrylonitrile	250.000	280.449	-12.2	85	0.00
16	T	Acetone	250.000	240.461	3.8	73	0.00
17	T	Carbon Disulfide	50.000	46.511	7.0	69	0.00
18	T	Methyl Acetate	50.000	73.062	-46.1#	107	0.00
19	T	Methyl tert-butyl Ether	50.000	55.278	-10.6	80	0.00
20	T	Methylene Chloride	50.000	53.735	-7.5	81	-0.01
21	T	trans-1,2-Dichloroethene	50.000	53.663	-7.3	80	0.00
22	T	Diisopropyl ether	50.000	57.180	-14.4	84	0.00
23	T	Vinyl Acetate	250.000	257.319	-2.9	74	0.00
24	P	1,1-Dichloroethane	50.000	55.131	-10.3	82	0.00
25	T	2-Butanone	250.000	276.147	-10.5	82	0.00
26	T	2,2-Dichloropropane	50.000	50.059	-0.1	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.445	-8.9	81	0.00
28	T	Bromochloromethane	50.000	57.881	-15.8	89	0.00
29	T	Tetrahydrofuran	250.000	284.070	-13.6	85	0.00
30	C	Chloroform	50.000	55.991	-12.0#	84	0.00
31	T	Cyclohexane	50.000	46.256	7.5	72	0.00
32	T	1,1,1-Trichloroethane	50.000	54.804	-9.6	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.644	-11.3	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	54.956	-9.9	90	0.00
36	T	1,1-Dichloropropene	50.000	51.535	-3.1	78	0.00
37	T	Ethyl Acetate	50.000	52.826	-5.7	82	0.00
38	T	Carbon Tetrachloride	50.000	50.993	-2.0	77	0.00
39	T	Methylcyclohexane	50.000	48.484	3.0	71	0.00
40	TM	Benzene	50.000	53.147	-6.3	83	0.00
41	T	Methacrylonitrile	50.000	53.025	-6.0	86	0.00
42	TM	1,2-Dichloroethane	50.000	54.171	-8.3	85	0.00
43	T	Isopropyl Acetate	50.000	51.995	-4.0	80	0.00
44	TM	Trichloroethene	50.000	51.462	-2.9	82	0.00
45	C	1,2-Dichloropropane	50.000	55.313	-10.6#	85	0.00
46	T	Dibromomethane	50.000	55.381	-10.8	89	0.00
47	T	Bromodichloromethane	50.000	55.409	-10.8	85	0.00
48	T	Methyl methacrylate	50.000	54.816	-9.6	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	1173.130	-17.3	91	0.00
50	S	Toluene-d8	50.000	53.487	-7.0	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	286.239	-14.5	88	0.00
52	CM	Toluene	50.000	52.868	-5.7#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	52.661	-5.3	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.380	-6.8	80	0.00
55	T	1,1,2-Trichloroethane	50.000	56.440	-12.9	91	0.00
56	T	Ethyl methacrylate	50.000	55.068	-10.1	81	0.00
57	T	1,3-Dichloropropane	50.000	54.977	-10.0	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	301.308	-20.5	96	0.00
59	T	2-Hexanone	250.000	286.998	-14.8	87	0.00
60	T	Dibromochloromethane	50.000	56.950	-13.9	87	0.00
61	T	1,2-Dibromoethane	50.000	54.500	-9.0	84	0.00
62	S	4-Bromofluorobenzene	50.000	54.134	-8.3	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	54.852	-9.7	85	0.00
65	PM	Chlorobenzene	50.000	54.349	-8.7	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.131	-12.3	87	0.00
67	C	Ethyl Benzene	50.000	54.368	-8.7#	83	0.00
68	T	m/p-Xylenes	100.000	109.038	-9.0	81	0.00
69	T	o-Xylene	50.000	54.277	-8.6	81	0.00
70	T	Styrene	50.000	57.819	-15.6	87	0.00
71	P	Bromoform	50.000	55.101	-10.2	86	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	49.958	0.1	82	0.00
74	T	N-amyl acetate	50.000	47.441	5.1	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.209	-4.4	90	0.00
76	T	1,2,3-Trichloropropane	50.000	47.302	5.4	85	0.00
77	T	Bromobenzene	50.000	51.857	-3.7	86	0.00
78	T	n-propylbenzene	50.000	51.197	-2.4	84	0.00
79	T	2-Chlorotoluene	50.000	51.459	-2.9	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.503	-3.0	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.511	-1.0	82	0.00
82	T	4-Chlorotoluene	50.000	49.825	0.3	82	0.00
83	T	tert-Butylbenzene	50.000	51.573	-3.1	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.391	-2.8	83	0.00
85	T	sec-Butylbenzene	50.000	49.932	0.1	80	0.00
86	T	p-Isopropyltoluene	50.000	49.723	0.6	80	0.00
87	T	1,3-Dichlorobenzene	50.000	50.020	-0.0	84	0.00
88	T	1,4-Dichlorobenzene	50.000	50.395	-0.8	88	0.00
89	T	n-Butylbenzene	50.000	49.621	0.8	80	0.00
90	T	Hexachloroethane	50.000	49.598	0.8	84	0.00
91	T	1,2-Dichlorobenzene	50.000	52.711	-5.4	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.853	-3.7	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.738	0.5	82	0.00
94	T	Hexachlorobutadiene	50.000	46.895	6.2	75	0.00
95	T	Naphthalene	50.000	51.582	-3.2	85	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032241.D
Acq On : 24 Sep 2025 12:59
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 25 05:02:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 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	51.484	-3.0	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG No.: Q3178

Instrument ID: MSVOA_W | Calibration Date/Time: 09/26/2025 08:43

Lab File ID: VW032267.D | Init. Calib. Date(s): 09/25/2025 09/25/2025

Heated Purge: (Y/N) Y | Init. Calib. Time(s): 10:45 13:08

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.345	0.315		-8.7	20
Chloromethane	0.494	0.438	0.1	-11.34	20
Vinyl Chloride	0.578	0.555		-3.98	20
Bromomethane	0.394	0.395		0.25	20
Chloroethane	0.391	0.377		-3.58	20
Trichlorofluoromethane	0.435	0.401		-7.82	20
1,1,2-Trichlorotrifluoroethane	0.556	0.542		-2.52	20
1,1-Dichloroethene	0.594	0.586		-1.35	20
Acetone	0.203	0.238		17.24	20
Carbon Disulfide	1.365	1.334		-2.27	20
Methyl tert-butyl Ether	1.101	1.173		6.54	20
Methyl Acetate	0.697	0.786		12.77	20
Methylene Chloride	0.991	0.751		-24.22	20
trans-1,2-Dichloroethene	0.640	0.631		-1.41	20
1,1-Dichloroethane	1.293	1.260	0.1	-2.55	20
Cyclohexane	1.019	0.965		-5.3	20
2-Butanone	0.283	0.310		9.54	20
Carbon Tetrachloride	0.456	0.480		5.26	20
cis-1,2-Dichloroethene	0.796	0.787		-1.13	20
Bromochloromethane	0.617	0.591		-4.21	20
Chloroform	1.349	1.334		-1.11	20
1,1,1-Trichloroethane	0.909	0.907		-0.22	20
Methylcyclohexane	0.561	0.587		4.64	20
Benzene	1.526	1.548		1.44	20
1,2-Dichloroethane	0.507	0.502		-0.99	20
Trichloroethene	0.357	0.354		-0.84	20
1,2-Dichloropropane	0.395	0.405		2.53	20
Bromodichloromethane	0.554	0.568		2.53	20
4-Methyl-2-Pentanone	0.341	0.364		6.74	20
Toluene	0.946	0.950		0.42	20
t-1,3-Dichloropropene	0.508	0.554		9.06	20
cis-1,3-Dichloropropene	0.586	0.630		7.51	20
1,1,2-Trichloroethane	0.332	0.338		1.81	20
2-Hexanone	0.233	0.261		12.02	20
Dibromochloromethane	0.364	0.384		5.49	20
1,2-Dibromoethane	0.314	0.325		3.5	20
Tetrachloroethene	0.305	0.309		1.31	20
Chlorobenzene	1.152	1.180	0.3	2.43	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	Alliance	Contract:	ROYF02
Lab Code:	ACE	SDG No.:	Q3178
Instrument ID:	MSVOA_W	Calibration Date/Time:	09/26/2025 08:43
Lab File ID:	VW032267.D	Init. Calib. Date(s):	09/25/2025 09/25/2025
Heated Purge: (Y/N)	Y	Init. Calib. Time(s):	10:45 13:08

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.885	2.019		7.11	20
m/p-Xylenes	0.723	0.761		5.26	20
o-Xylene	0.679	0.719		5.89	20
Styrene	1.191	1.306		9.66	20
Bromoform	0.212	0.216	0.1	1.89	20
Isopropylbenzene	3.480	3.625		4.17	20
1,1,2,2-Tetrachloroethane	0.912	0.923	0.3	1.21	20
1,3-Dichlorobenzene	1.693	1.681		-0.71	20
1,4-Dichlorobenzene	1.730	1.775		2.6	20
1,2-Dichlorobenzene	1.584	1.627		2.71	20
1,2-Dibromo-3-Chloropropane	0.156	0.156		0	20
1,2,4-Trichlorobenzene	0.940	0.972		3.4	20
1,2,3-Trichlorobenzene	0.874	0.931		6.52	20
1,2-Dichloroethane-d4	0.789	0.724		-8.24	20
Dibromofluoromethane	0.360	0.341		-5.28	20
Toluene-d8	1.296	1.232		-4.94	20
4-Bromofluorobenzene	0.489	0.478		-2.25	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_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025
Supervised By :Semsettin Yesilyurt
09/29/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.965	168	273367	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	482464	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.629	117	450604	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	228628	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.319	65	197933	45.856 ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	91.720%	
35) Dibromofluoromethane	7.898	113	164510	47.413 ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	94.820%	
50) Toluene-d8	10.324	98	594303	47.526 ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	95.060%	
62) 4-Bromofluorobenzene	12.617	95	230736	48.917 ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	97.840%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.045	85	86078	45.576 ug/l	90
3) Chloromethane	2.259	50	119798	44.322 ug/l	93
4) Vinyl Chloride	2.405	62	151797	48.067 ug/l	92
5) Bromomethane	2.826	94	107848	50.011 ug/l	90
6) Chloroethane	2.972	64	102963	48.114 ug/l	97
7) Trichlorofluoromethane	3.301	101	109500	46.018 ug/l	98
8) Diethyl Ether	3.722	74	109858	48.826 ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.106	101	148289	48.823 ug/l	98
10) Methyl Iodide	4.307	142	202703	49.342 ug/l	99
11) Tert butyl alcohol	5.215	59	79568	265.562 ug/l	99
12) 1,1-Dichloroethene	4.082	96	160183	49.337 ug/l	95
13) Acrolein	3.929	56	123996	232.516 ug/l	97
14) Allyl chloride	4.703	41	258499	51.303 ug/l	98
15) Acrylonitrile	5.398	53	292239	252.193 ug/l	100
16) Acetone	4.155	43	325384	293.532 ug/l	99
17) Carbon Disulfide	4.417	76	364772	48.865 ug/l	99
18) Methyl Acetate	4.709	43	214945	56.380 ug/l	99
19) Methyl tert-butyl Ether	5.459	73	320524	53.259 ug/l	99
20) Methylene Chloride	4.953	84	205186	51.435 ug/l	97
21) trans-1,2-Dichloroethene	5.459	96	172385	49.239 ug/l	92
22) Diisopropyl ether	6.337	45	578557	51.674 ug/l	97
23) Vinyl Acetate	6.282	43	1840304	255.497 ug/l	99
24) 1,1-Dichloroethane	6.246	63	344485	48.739 ug/l	99
25) 2-Butanone	7.191	43	423887	274.343 ug/l	95
26) 2,2-Dichloropropane	7.185	77	176026	50.540 ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	215200	49.422 ug/l	98
28) Bromochloromethane	7.526	49	161529	47.894 ug/l #	99
29) Tetrahydrofuran	7.550	42	257687	256.896 ug/l	99
30) Chloroform	7.691	83	364637	49.446 ug/l	95
31) Cyclohexane	7.971	56	263836	47.339 ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	247985	49.916 ug/l	99
36) 1,1-Dichloropropene	8.093	75	239541	51.207 ug/l	100
37) Ethyl Acetate	7.276	43	162215	52.286 ug/l	99
38) Carbon Tetrachloride	8.081	117	231586	52.620 ug/l	98
39) Methylcyclohexane	9.343	83	283447	52.366 ug/l	96
40) Benzene	8.337	78	746803	50.718 ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

09/29/2025

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Methacrylonitrile	7.502	41	94359	53.104 ug/l		98
42) 1,2-Dichloroethane	8.410	62	241985	49.441 ug/l		99
43) Isopropyl Acetate	8.434	43	293555	52.858 ug/l		99
44) Trichloroethene	9.099	130	170853	49.641 ug/l		93
45) 1,2-Dichloropropane	9.373	63	195184	51.180 ug/l		100
46) Dibromomethane	9.465	93	120749	51.498 ug/l		99
47) Bromodichloromethane	9.654	83	274166	51.267 ug/l		99
48) Methyl methacrylate	9.440	41	143636	54.975 ug/l		97
49) 1,4-Dioxane	9.459	88	33972	1081.815 ug/l	#	97
51) 4-Methyl-2-Pentanone	10.215	43	878888	266.913 ug/l		98
52) Toluene	10.391	92	458556	50.245 ug/l		99
53) t-1,3-Dichloropropene	10.611	75	267381	54.570 ug/l		99
54) cis-1,3-Dichloropropene	10.074	75	303973	53.737 ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	163071	50.952 ug/l		93
56) Ethyl methacrylate	10.647	69	232679	55.192 ug/l		97
57) 1,3-Dichloropropane	10.934	76	283280	51.235 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	656204	283.551 ug/l		100
59) 2-Hexanone	10.971	43	630581	280.431 ug/l		99
60) Dibromochloromethane	11.129	129	185228	52.698 ug/l		99
61) 1,2-Dibromoethane	11.239	107	156937	51.758 ug/l		98
64) Tetrachloroethene	10.867	164	139445	50.781 ug/l		95
65) Chlorobenzene	11.659	112	531675	51.224 ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.733	131	173578	52.879 ug/l		98
67) Ethyl Benzene	11.726	91	909731	53.548 ug/l		99
68) m/p-Xylenes	11.836	106	686206	105.367 ug/l		99
69) o-Xylene	12.165	106	323859	52.914 ug/l		96
70) Styrene	12.178	104	588531	54.832 ug/l		100
71) Bromoform	12.348	173	97168	50.796 ug/l	#	92
73) Isopropylbenzene	12.464	105	828790	52.083 ug/l		100
74) N-amyl acetate	12.269	43	267223	53.325 ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	211052	50.585 ug/l		100
76) 1,2,3-Trichloropropane	12.763	75	151890m	48.290 ug/l		
77) Bromobenzene	12.745	156	194678	49.739 ug/l		88
78) n-propylbenzene	12.799	91	1038146	51.938 ug/l		100
79) 2-Chlorotoluene	12.891	91	620604	51.255 ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	713060	52.412 ug/l		100
81) trans-1,4-Dichloro-2-b...	12.513	75	67083	55.397 ug/l		99
82) 4-Chlorotoluene	12.982	91	662687	51.786 ug/l		97
83) tert-Butylbenzene	13.202	119	614580	54.015 ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	728418	52.733 ug/l		95
85) sec-Butylbenzene	13.379	105	900981	52.732 ug/l		98
86) p-Isopropyltoluene	13.494	119	754293	53.306 ug/l		99
87) 1,3-Dichlorobenzene	13.494	146	384261	49.634 ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	405802	51.309 ug/l		91
89) n-Butylbenzene	13.818	91	742768	52.305 ug/l		100
90) Hexachloroethane	14.086	117	140658	53.334 ug/l		99
91) 1,2-Dichlorobenzene	13.866	146	371954	51.359 ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.476	75	35686	50.007 ug/l		99
93) 1,2,4-Trichlorobenzene	15.128	180	222241	51.725 ug/l		98
94) Hexachlorobutadiene	15.232	225	97379	49.349 ug/l		91
95) Naphthalene	15.360	128	558741	54.183 ug/l		100
96) 1,2,3-Trichlorobenzene	15.549	180	212802	53.266 ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
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Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

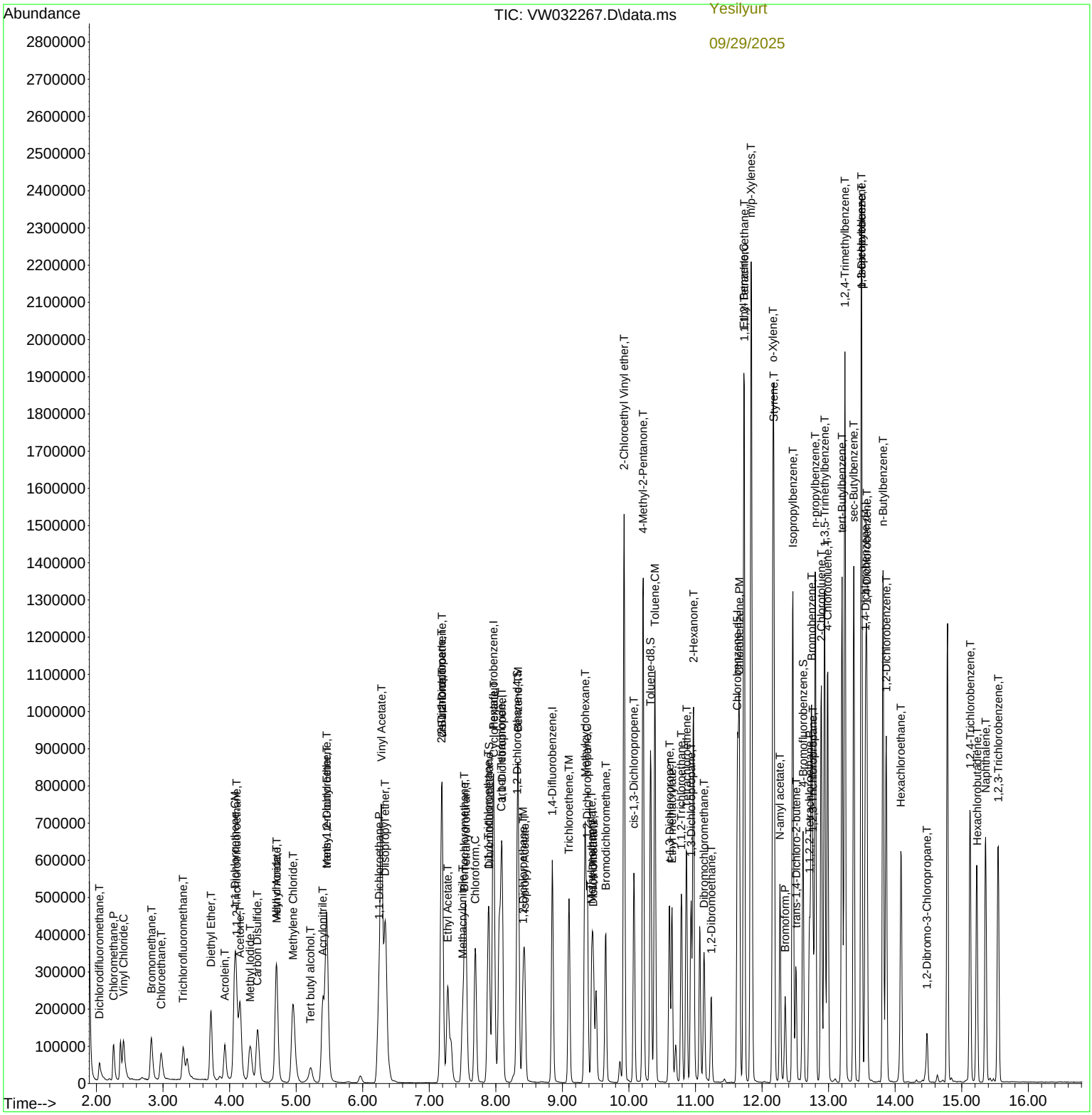
Manual Integrations APPROVED

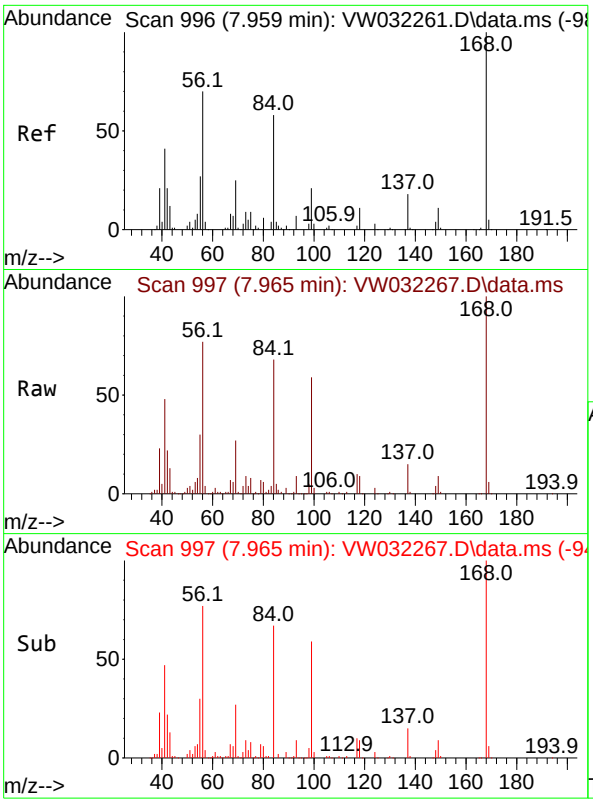
Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

09/29/2025

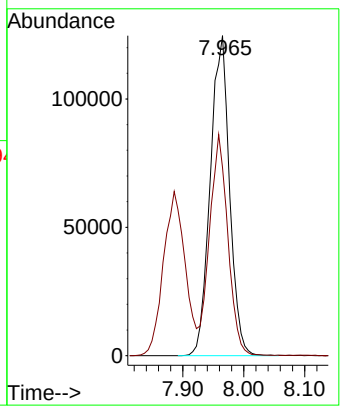




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:168 Resp: 27336

Ion	Ratio	Lower	Upper
168	100		
99	58.6	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

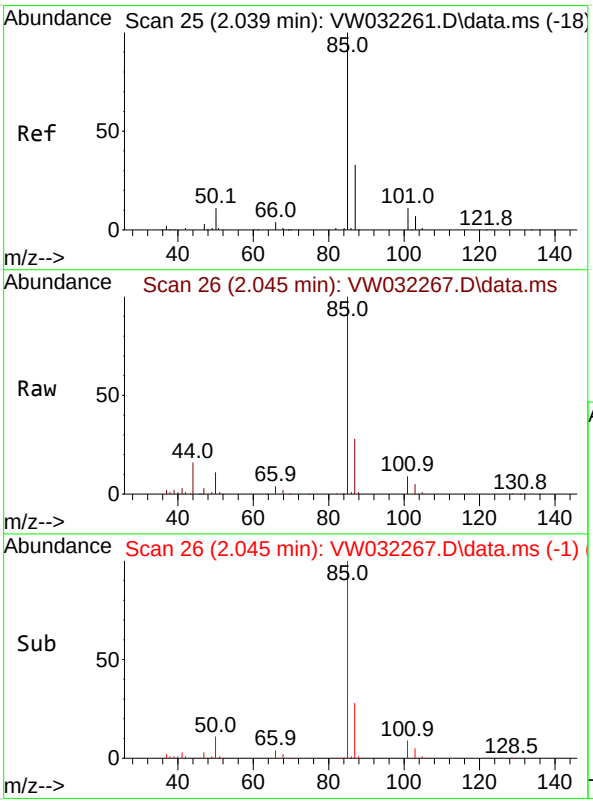
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

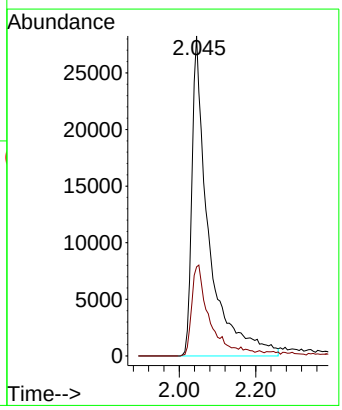
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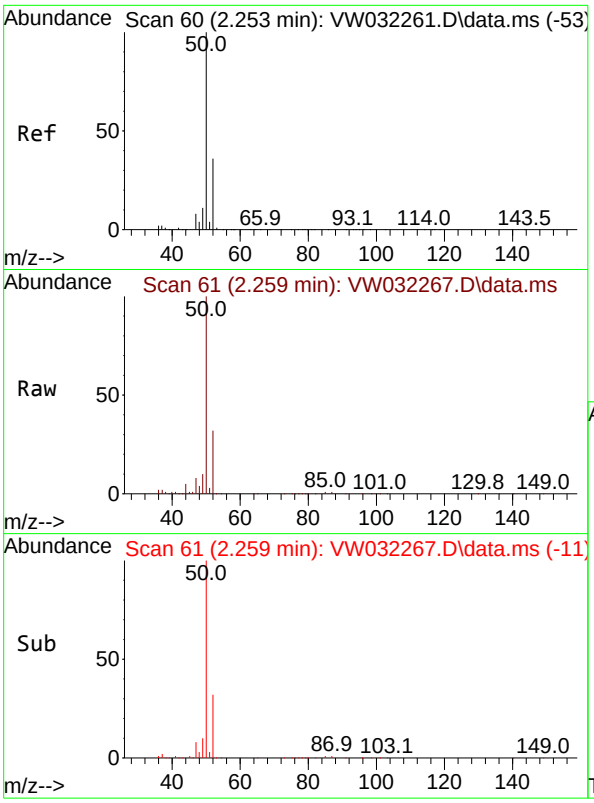


#2
Dichlorodifluoromethane
Concen: 45.576 ug/l
RT: 2.045 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 85 Resp: 86078

Ion	Ratio	Lower	Upper
85	100		
87	27.9	16.7	50.1

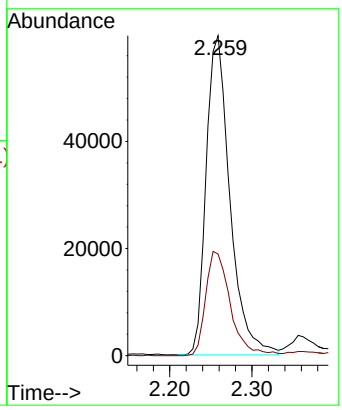




#3
Chloromethane
Concen: 44.322 ug/l
RT: 2.259 min Scan# 6
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 50 Resp: 11979

Ion	Ratio	Lower	Upper
50	100		
52	31.8	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

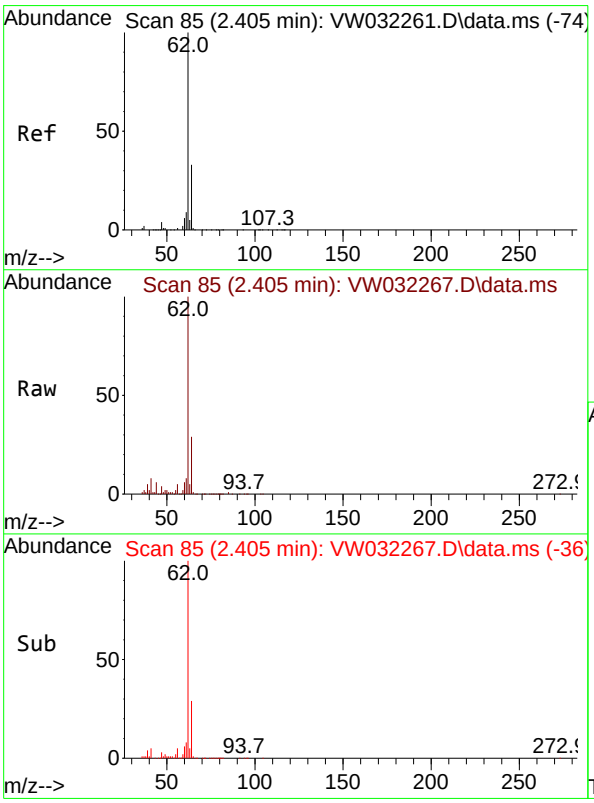
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

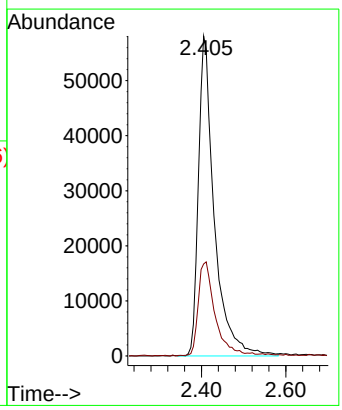
09/29/2025

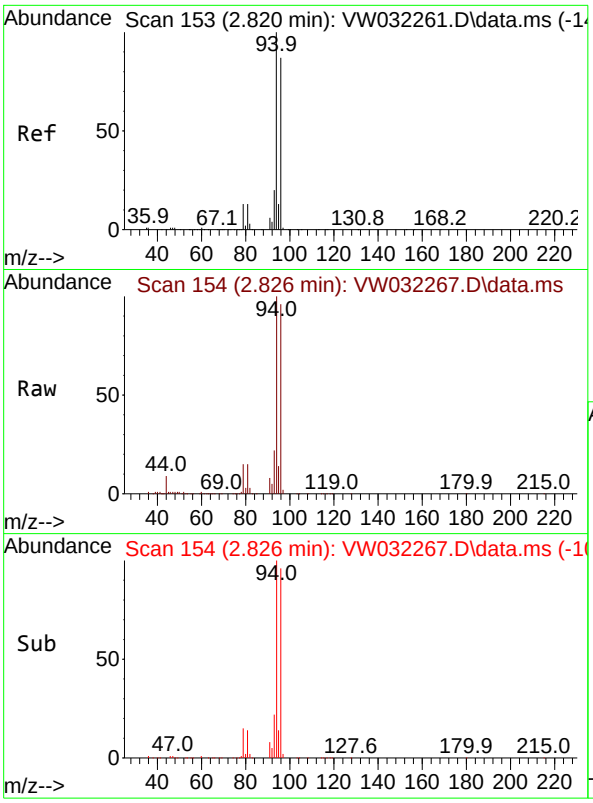


#4
Vinyl Chloride
Concen: 48.067 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 62 Resp: 151797

Ion	Ratio	Lower	Upper
62	100		
64	28.6	26.2	39.4

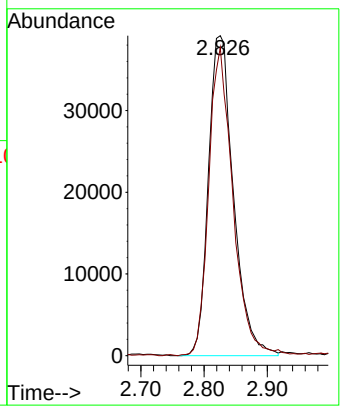




#5
Bromomethane
Concen: 50.011 ug/l
RT: 2.826 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 94 Resp: 10784

Ion	Ratio	Lower	Upper
94	100		
96	96.3	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

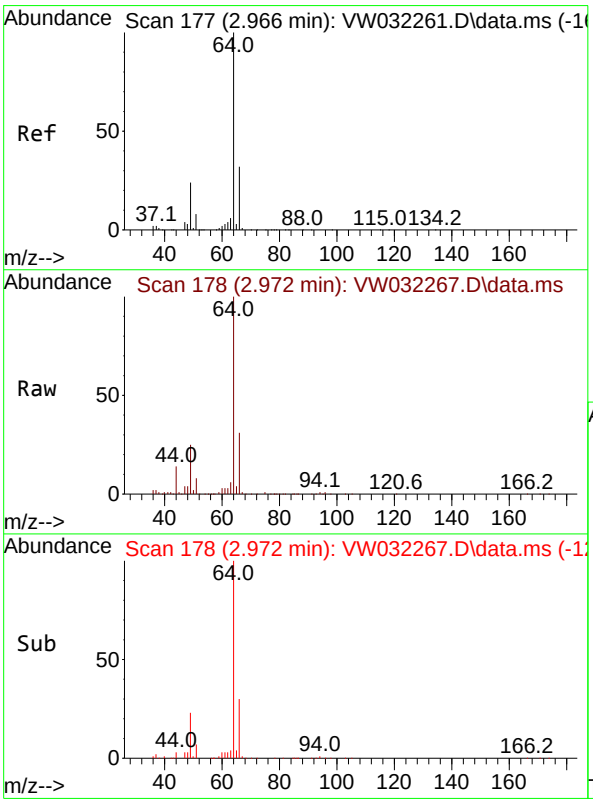
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

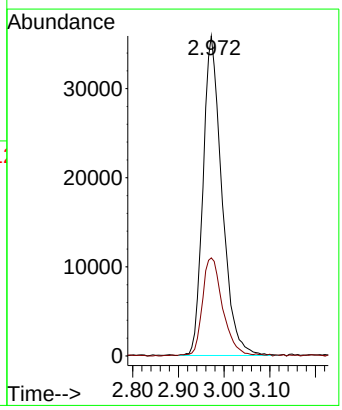
09/29/2025

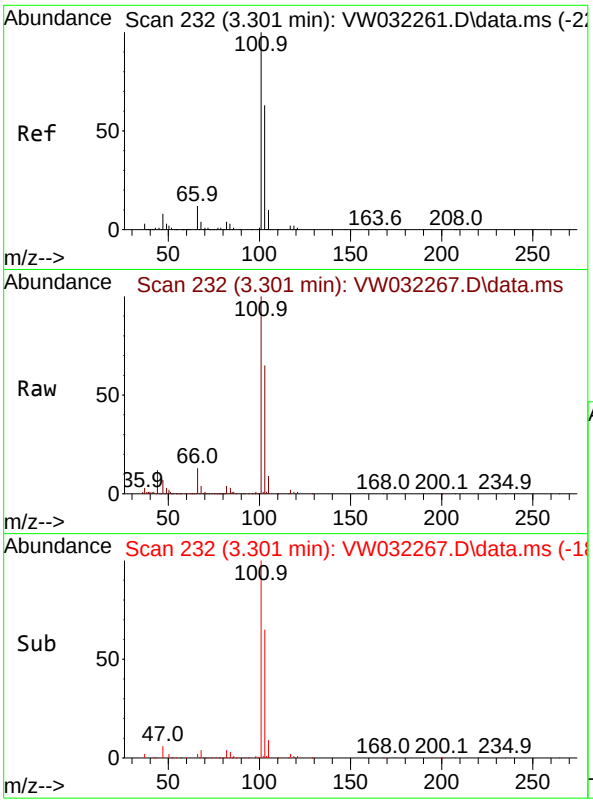


#6
Chloroethane
Concen: 48.114 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 64 Resp: 102963

Ion	Ratio	Lower	Upper
64	100		
66	30.5	25.5	38.3

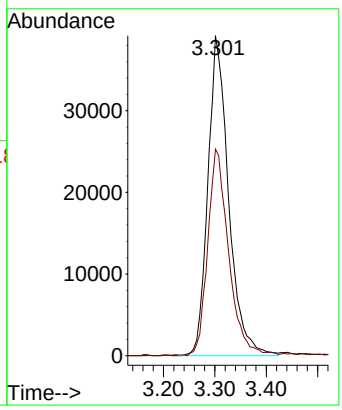




#7
Trichlorofluoromethane
Concen: 46.018 ug/l
RT: 3.301 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:101 Resp: 10950

Ion	Ratio	Lower	Upper
101	100		
103	64.3	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

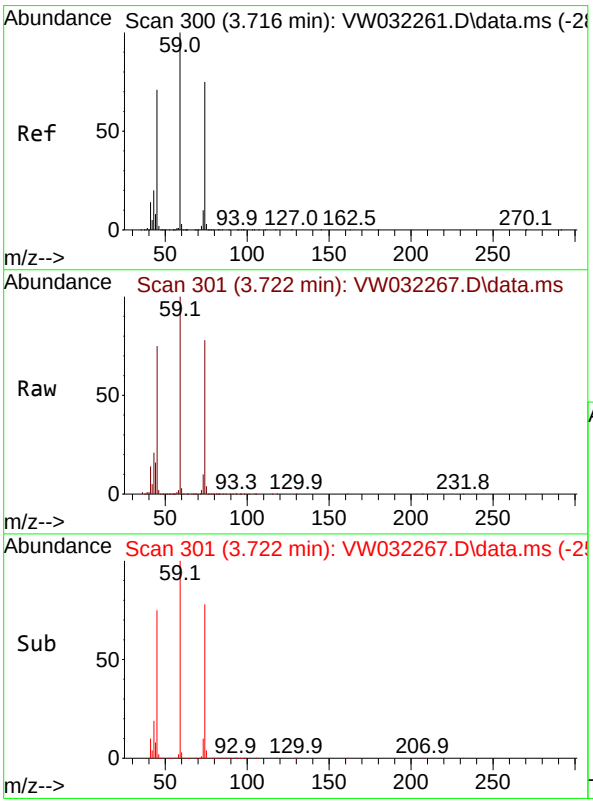
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

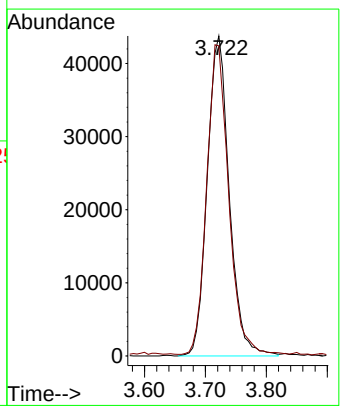
09/29/2025

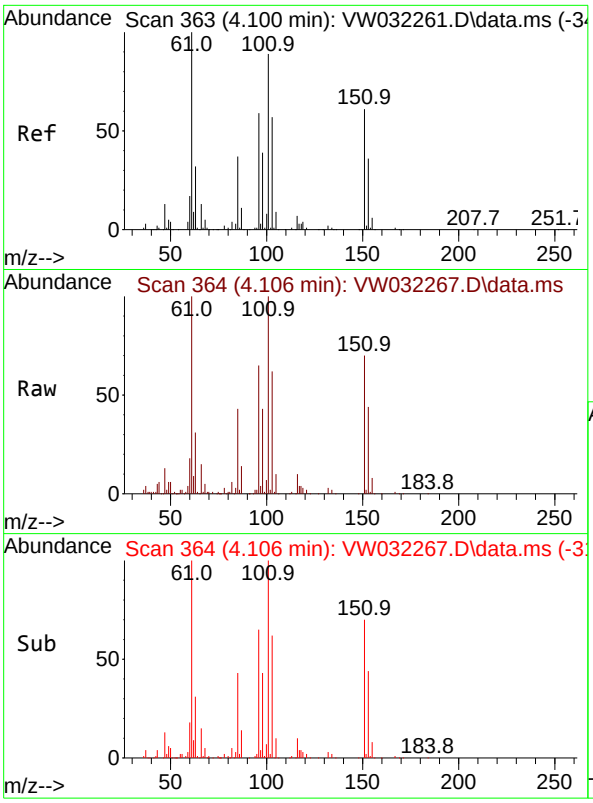


#8
Diethyl Ether
Concen: 48.826 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 74 Resp: 109858

Ion	Ratio	Lower	Upper
74	100		
45	96.4	49.0	147.2

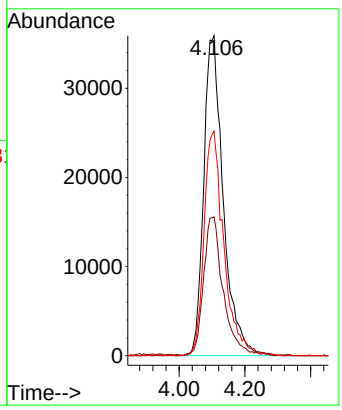




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.823 ug/l
RT: 4.106 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:101 Resp: 14828

Ion	Ratio	Lower	Upper
101	100		
85	43.5	33.7	50.5
151	71.0	55.7	83.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

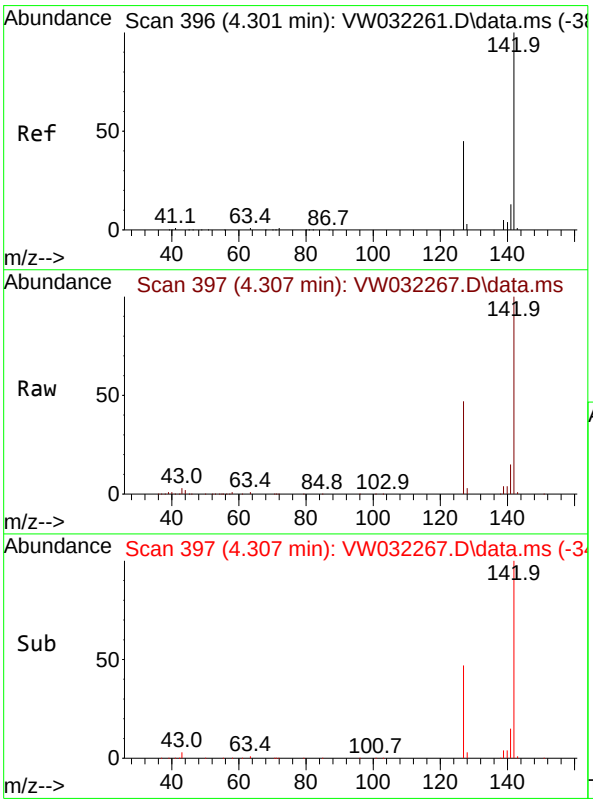
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

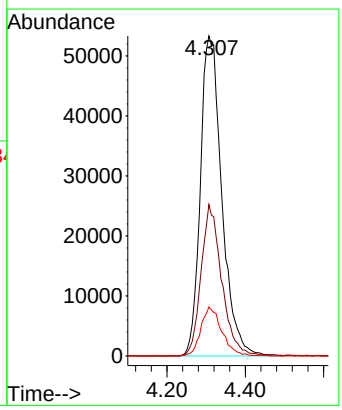
09/29/2025

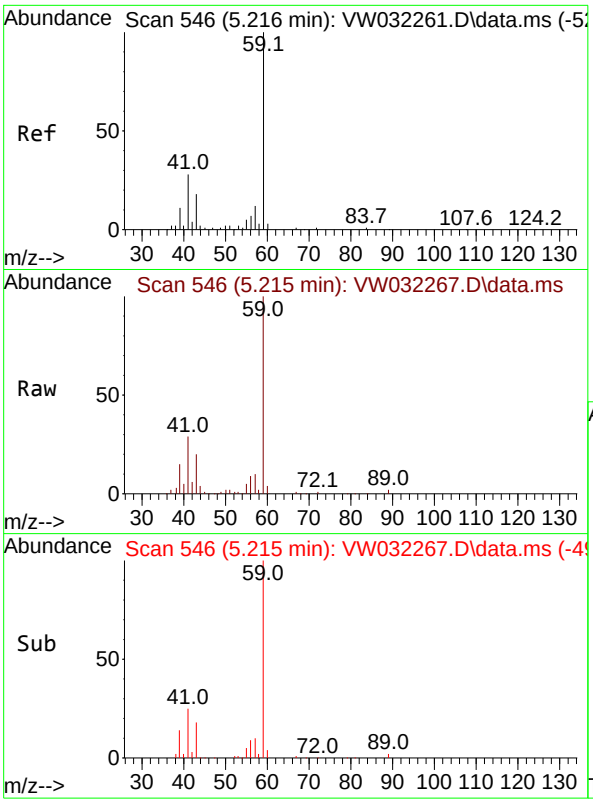


#10
Methyl Iodide
Concen: 49.342 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:142 Resp: 202703

Ion	Ratio	Lower	Upper
142	100		
127	45.3	36.9	55.3
141	14.9	12.0	18.0

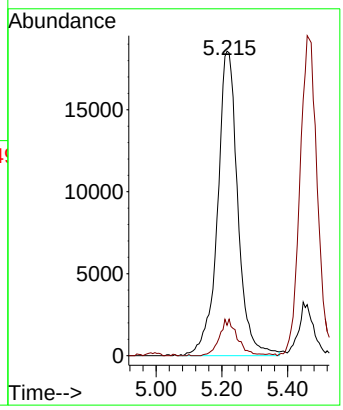




#11
Tert butyl alcohol
Concen: 265.562 ug/l
RT: 5.215 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 59 Resp: 7956

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

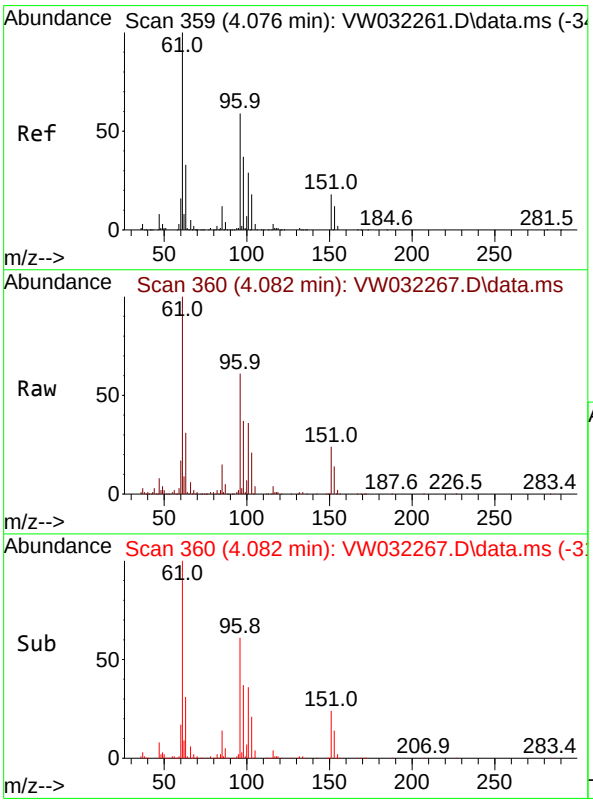
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

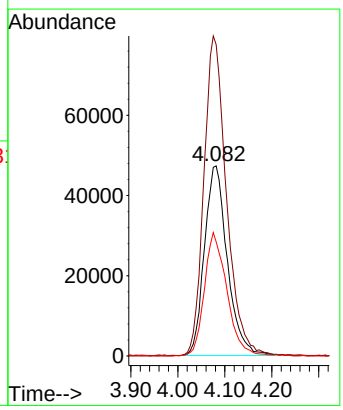
09/29/2025

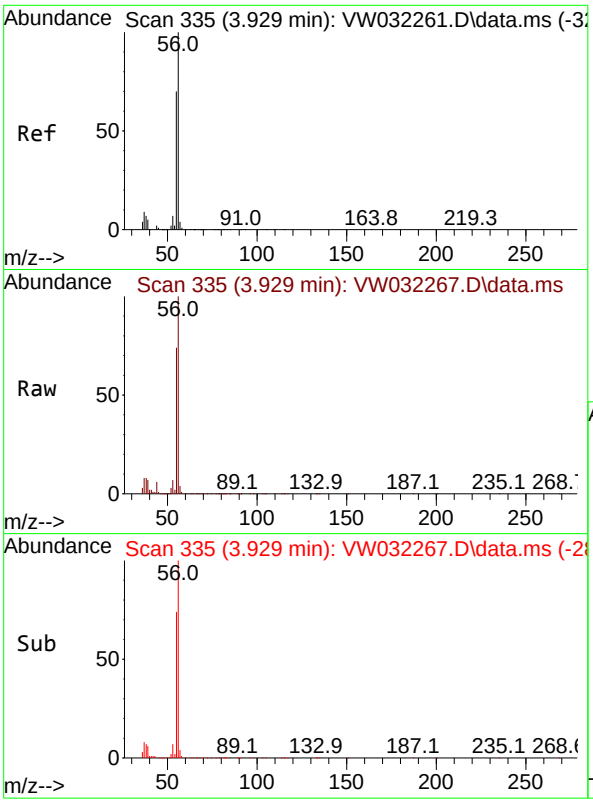


#12
1,1-Dichloroethene
Concen: 49.337 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 96 Resp: 160183

Ion	Ratio	Lower	Upper
96	100		
61	164.0	136.3	204.5
98	60.0	50.7	76.1

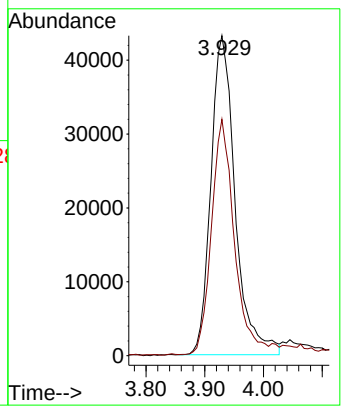




#13
Acrolein
Concen: 232.516 ug/l
RT: 3.929 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 56 Resp: 12399

Ion	Ratio	Lower	Upper
56	100		
55	69.2	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

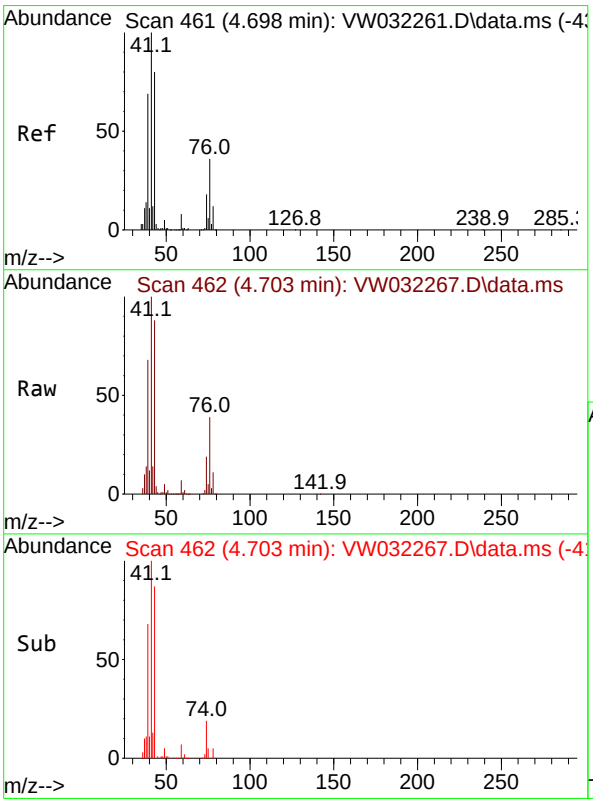
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

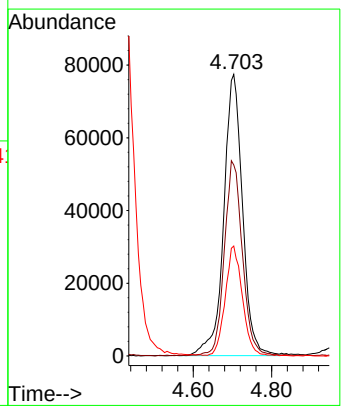
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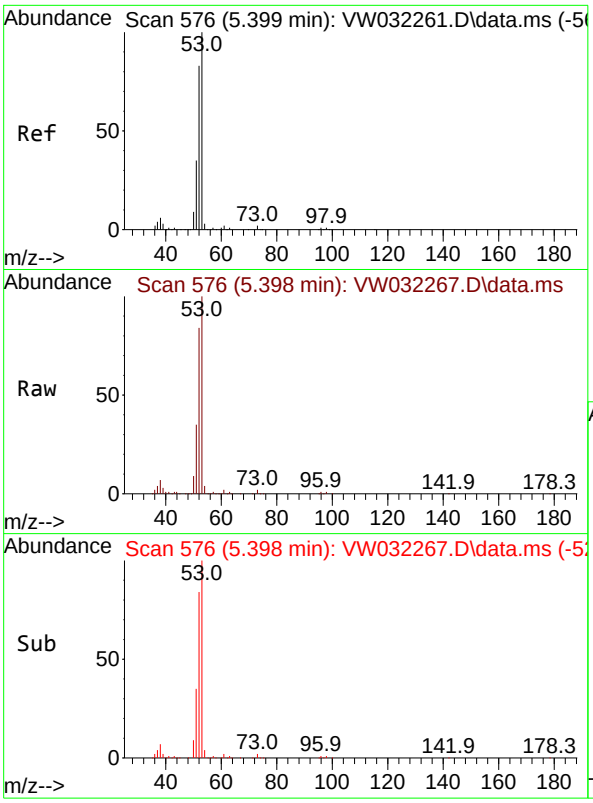


#14
Allyl chloride
Concen: 51.303 ug/l
RT: 4.703 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 41 Resp: 258499

Ion	Ratio	Lower	Upper
41	100		
39	66.2	54.3	81.5
76	35.3	28.7	43.1

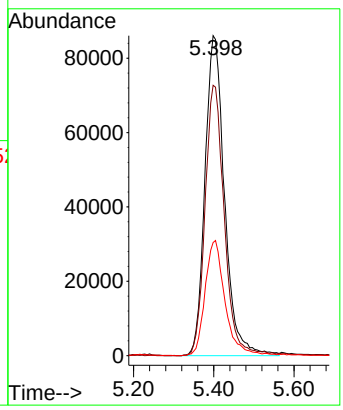




#15
Acrylonitrile
Concen: 252.193 ug/l
RT: 5.398 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 53 Resp: 29223

Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.3	99.5
51	36.5	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

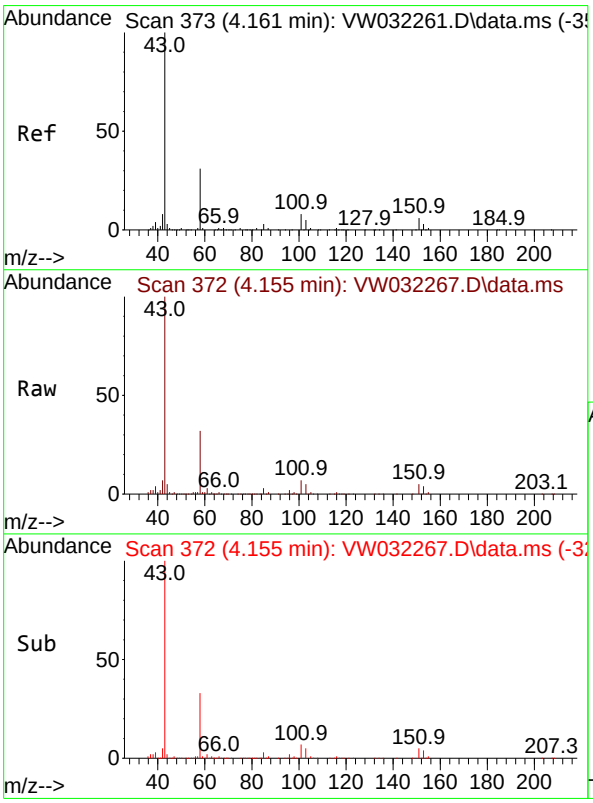
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Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

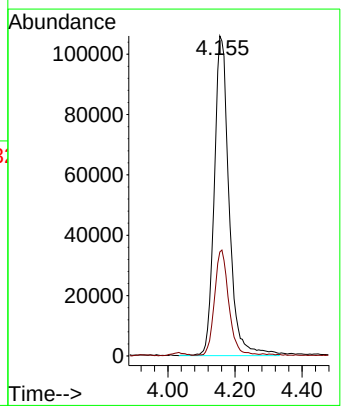
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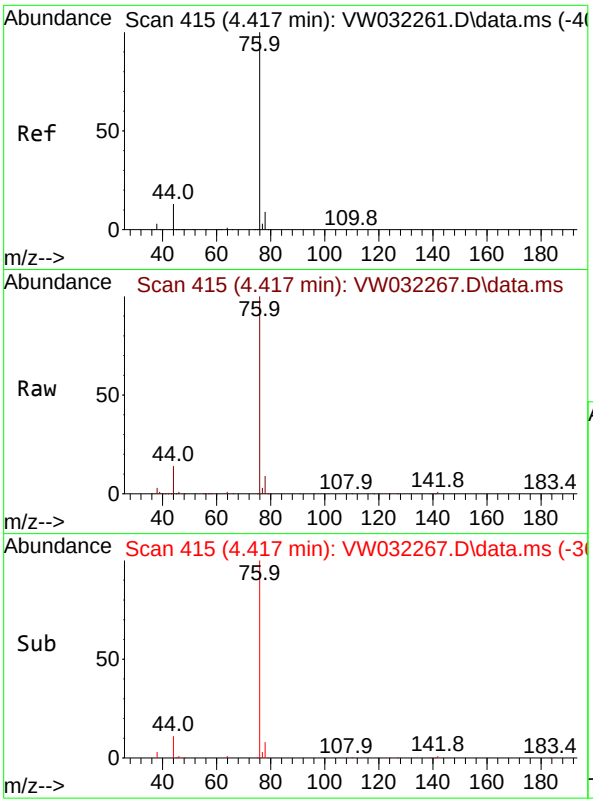


#16
Acetone
Concen: 293.532 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 325384

Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.4	38.0

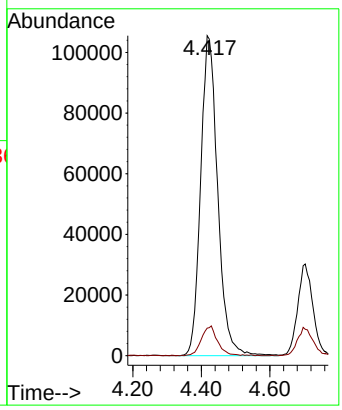




#17
Carbon Disulfide
Concen: 48.865 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 76 Resp: 36477

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

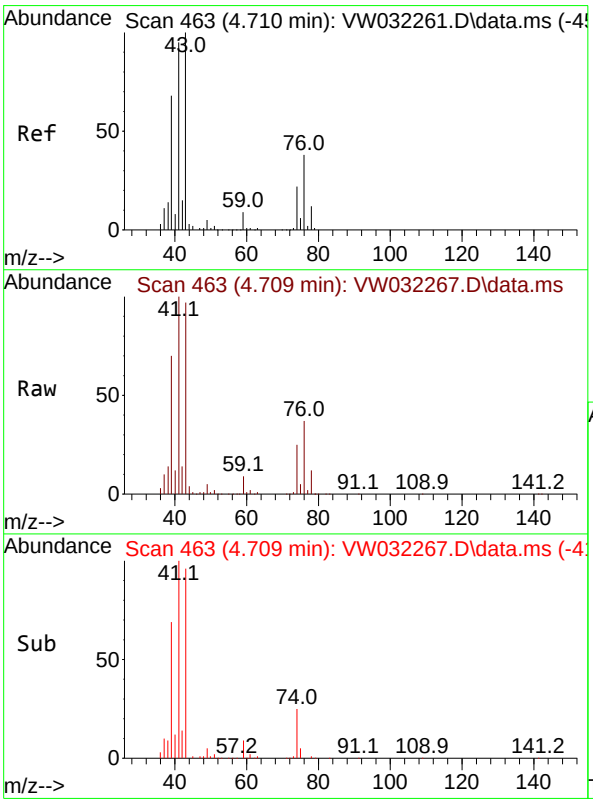
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

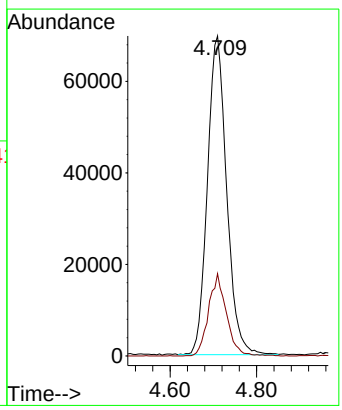
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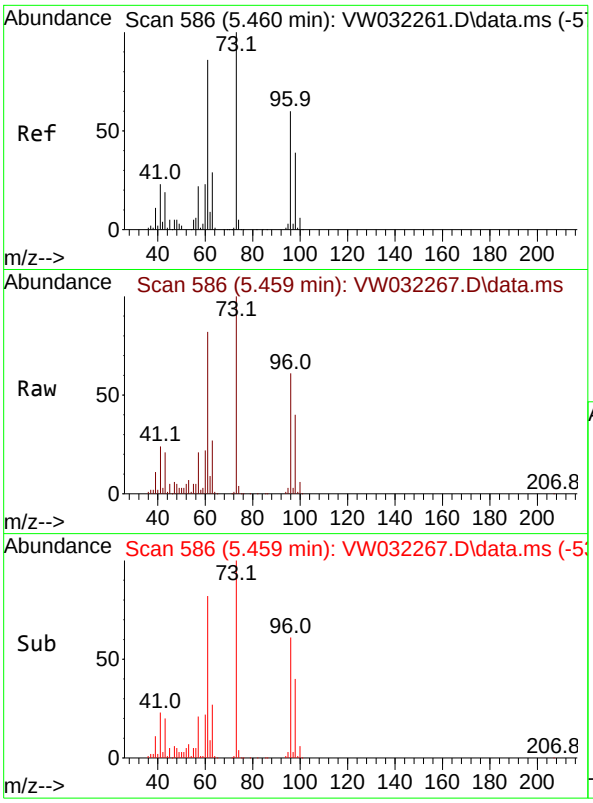


#18
Methyl Acetate
Concen: 56.380 ug/l
RT: 4.709 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 214945

Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.8	28.2

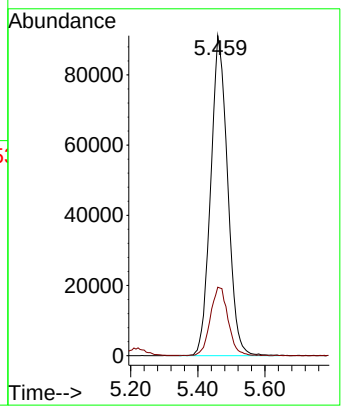




#19
Methyl tert-butyl Ether
Concen: 53.259 ug/l
RT: 5.459 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 73 Resp: 32052

Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.3	25.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

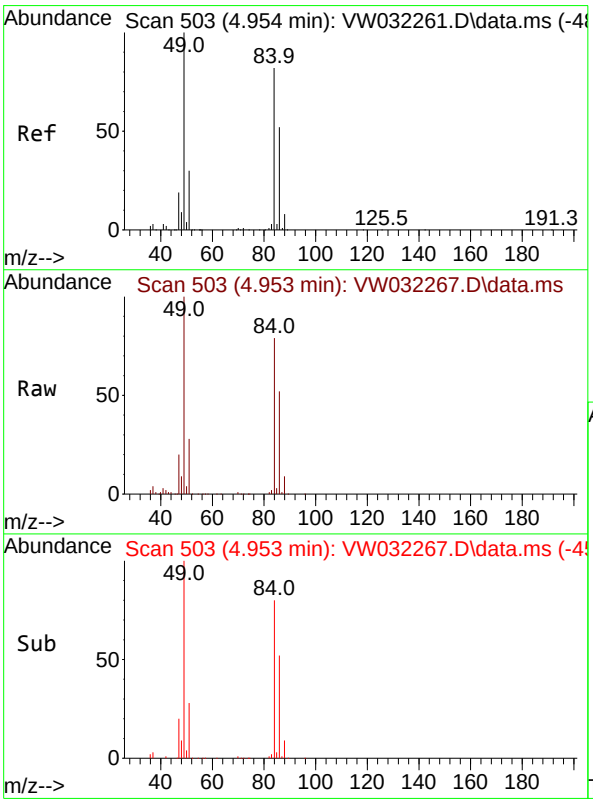
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Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

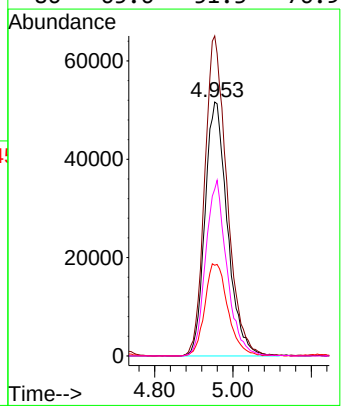
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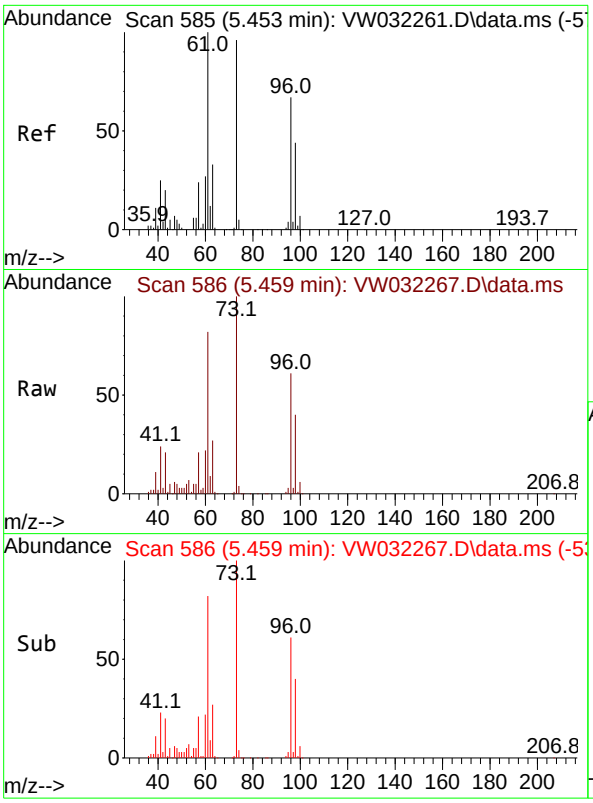


#20
Methylene Chloride
Concen: 51.435 ug/l
RT: 4.953 min Scan# 503
Delta R.T. -0.001 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 84 Resp: 205186

Ion	Ratio	Lower	Upper
84	100		
49	126.0	97.8	146.6
51	35.6	29.9	44.9
86	65.6	51.3	76.9

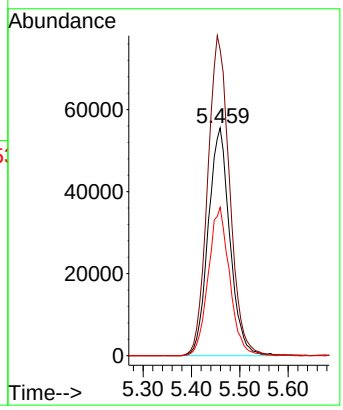




#21
trans-1,2-Dichloroethene
Concen: 49.239 ug/l
RT: 5.459 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 96 Resp: 17238

Ion	Ratio	Lower	Upper
96	100		
61	134.2	119.2	178.8
98	65.1	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

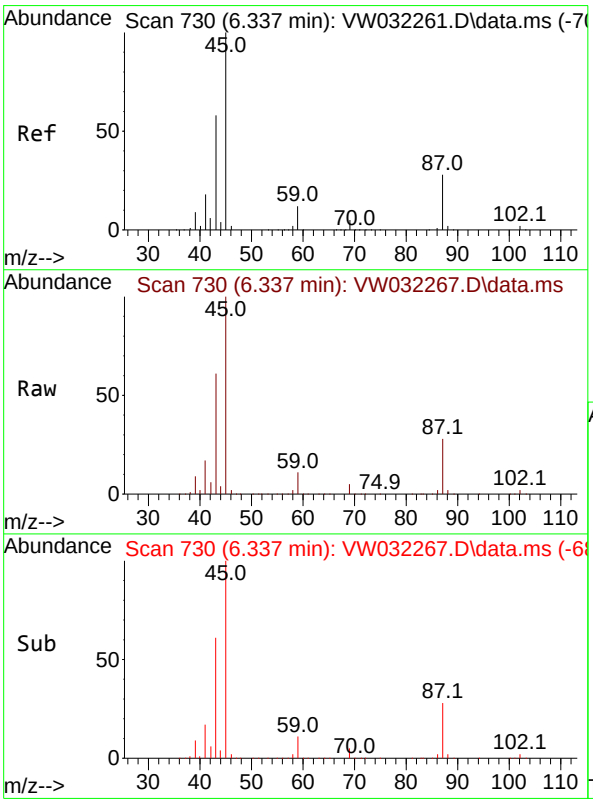
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

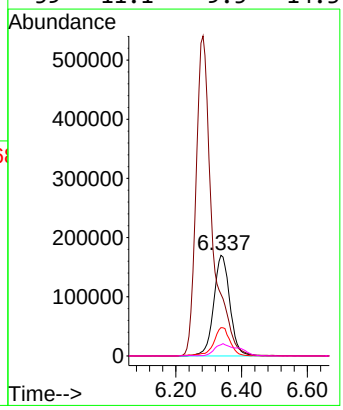
09/29/2025

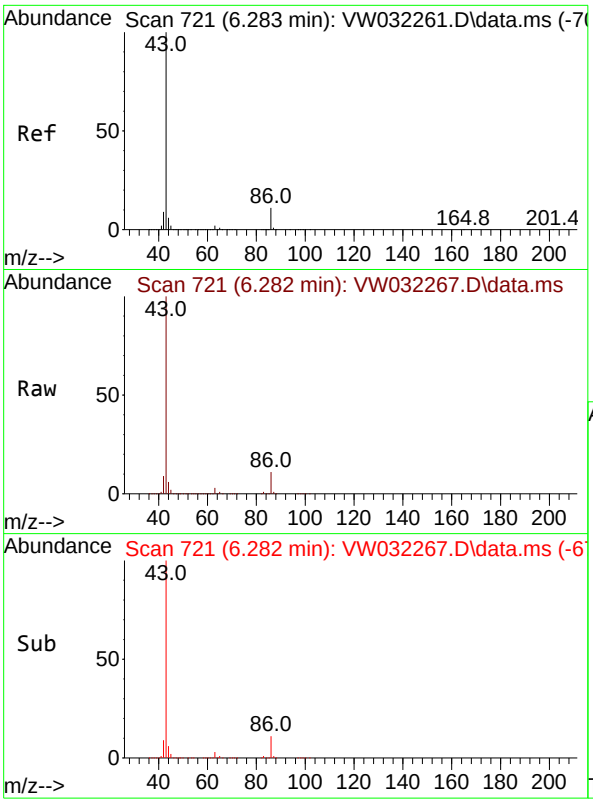


#22
Diisopropyl ether
Concen: 51.674 ug/l
RT: 6.337 min Scan# 730
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 45 Resp: 578557

Ion	Ratio	Lower	Upper
45	100		
43	61.3	46.2	69.4
87	28.1	22.2	33.2
59	11.1	9.5	14.3

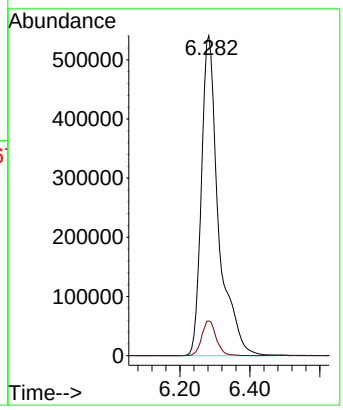




#23
Vinyl Acetate
Concen: 255.497 ug/l
RT: 6.282 min Scan# 7
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 184030

Ion	Ratio	Lower	Upper
43	100		
86	10.8	9.0	13.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

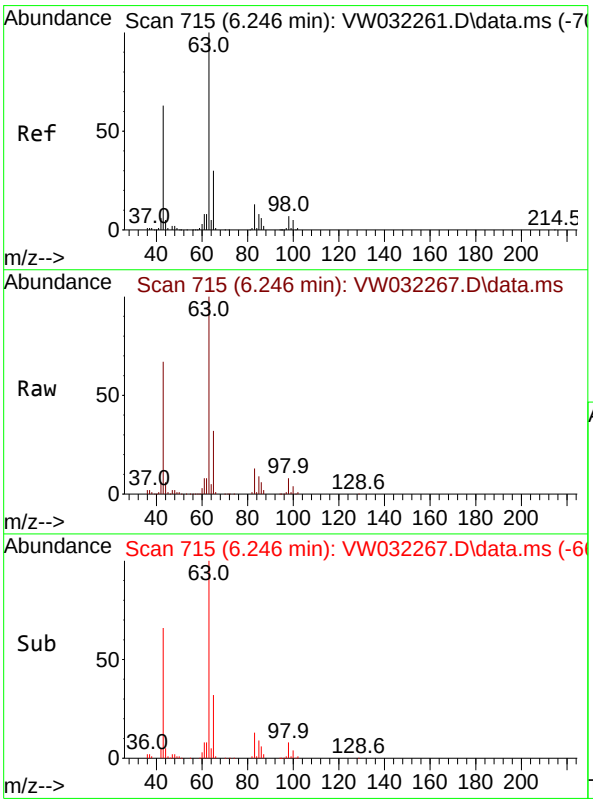
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Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

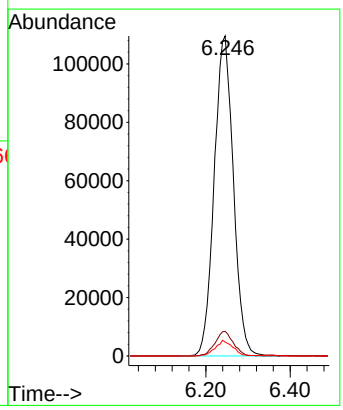
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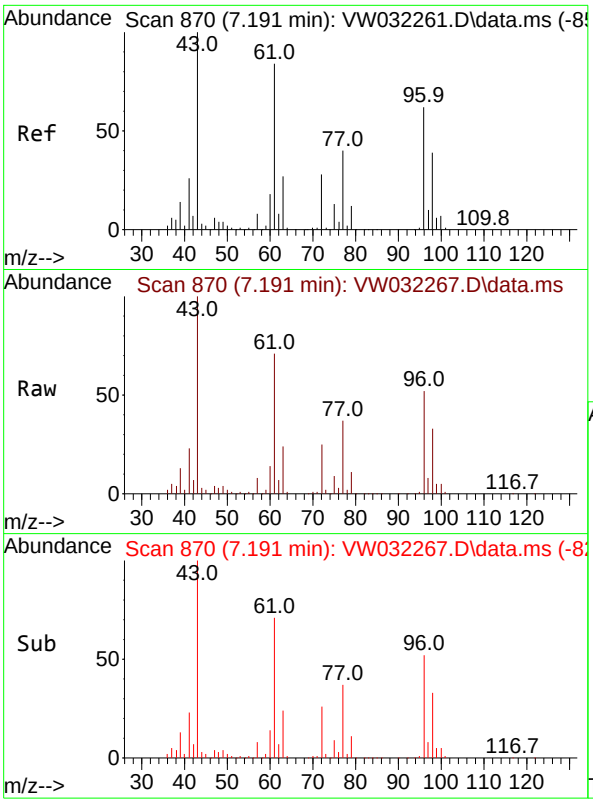


#24
1,1-Dichloroethane
Concen: 48.739 ug/l
RT: 6.246 min Scan# 715
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 63 Resp: 344485

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.6	10.9
100	4.4	2.4	7.1

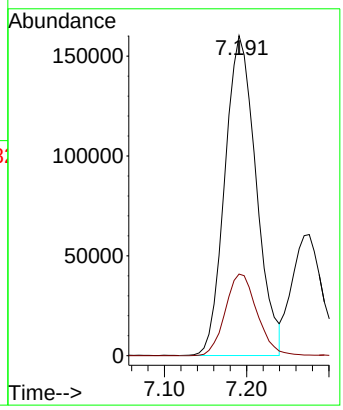




#25
2-Butanone
Concen: 274.343 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 42388

Ion	Ratio	Lower	Upper
43	100		
72	25.5	22.3	33.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

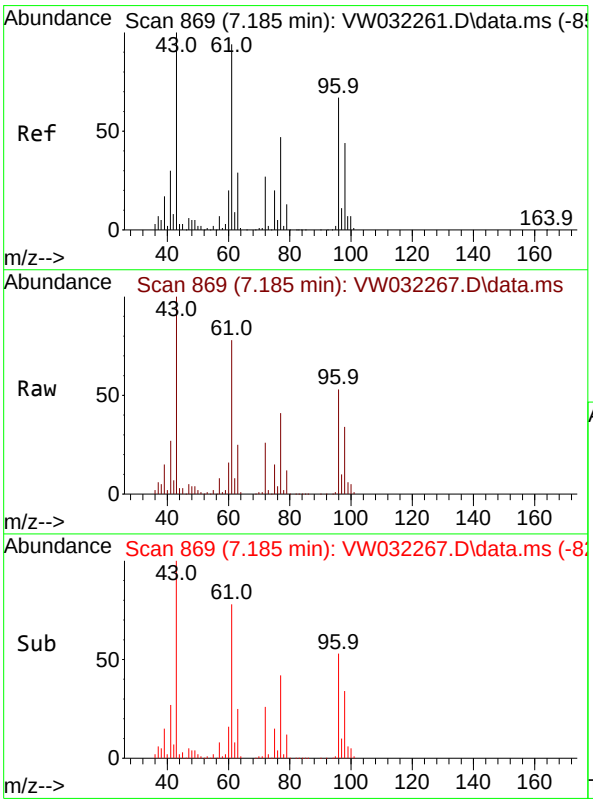
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

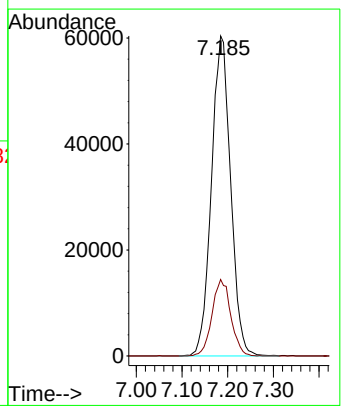
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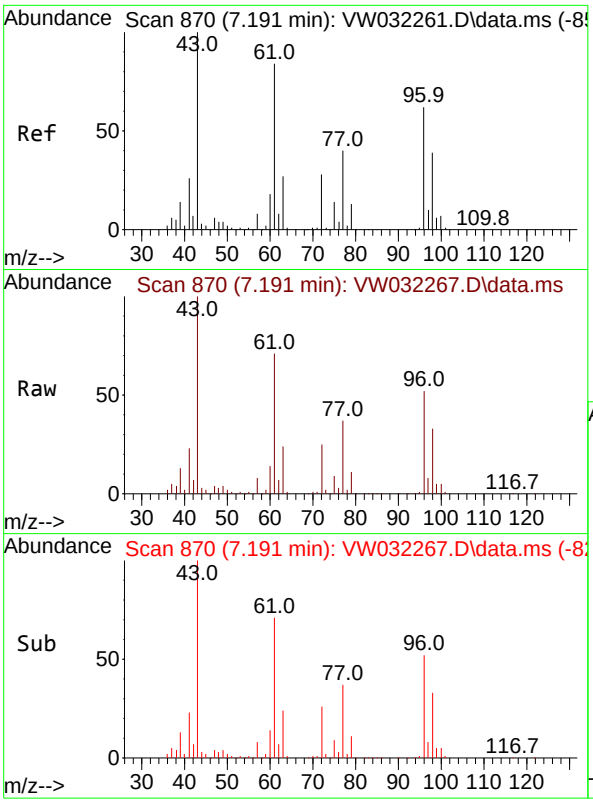


#26
2,2-Dichloropropane
Concen: 50.540 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 77 Resp: 176026

Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.7	35.0

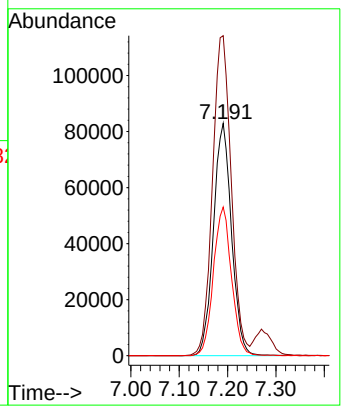




#27
cis-1,2-Dichloroethene
Concen: 49.422 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 96 Resp: 21520

Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	281.8
98	64.1	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

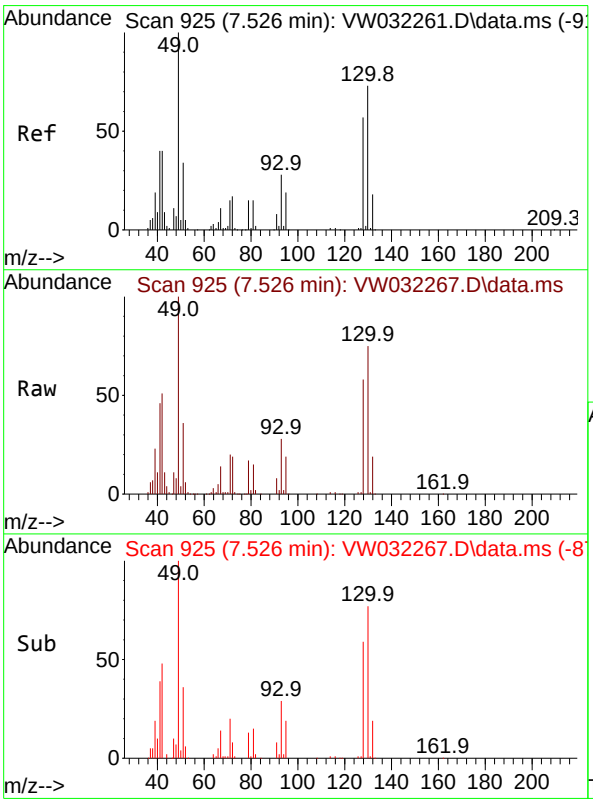
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Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

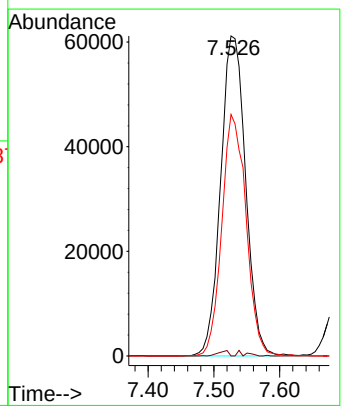
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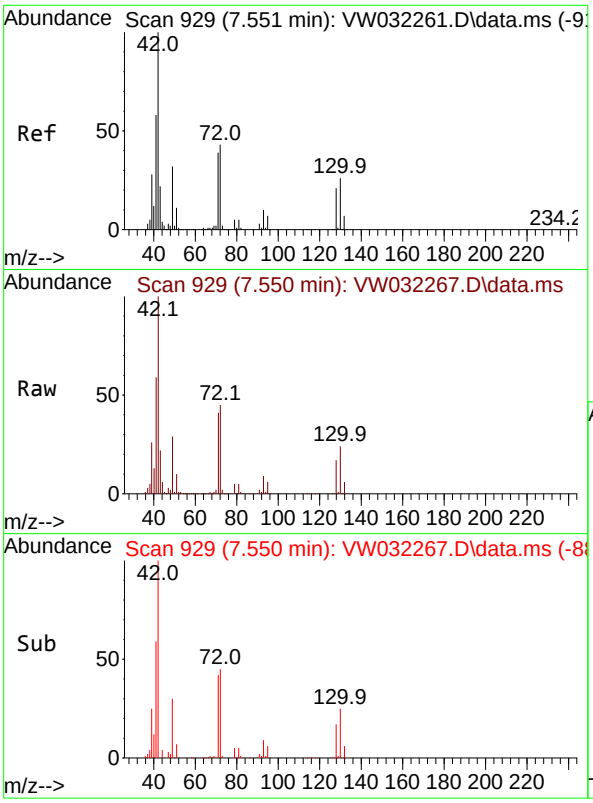


#28
Bromochloromethane
Concen: 47.894 ug/l
RT: 7.526 min Scan# 925
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 49 Resp: 161529

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	2.2
130	73.2	0.0	0.0#

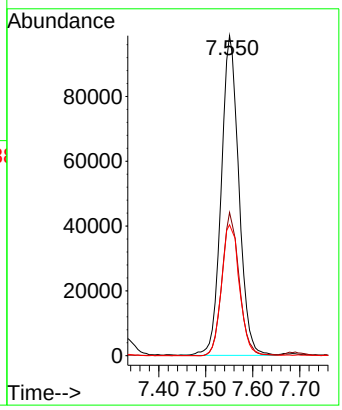




#29
Tetrahydrofuran
Concen: 256.896 ug/l
RT: 7.550 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 42 Resp: 25768

Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.1	52.7
71	42.0	33.3	49.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

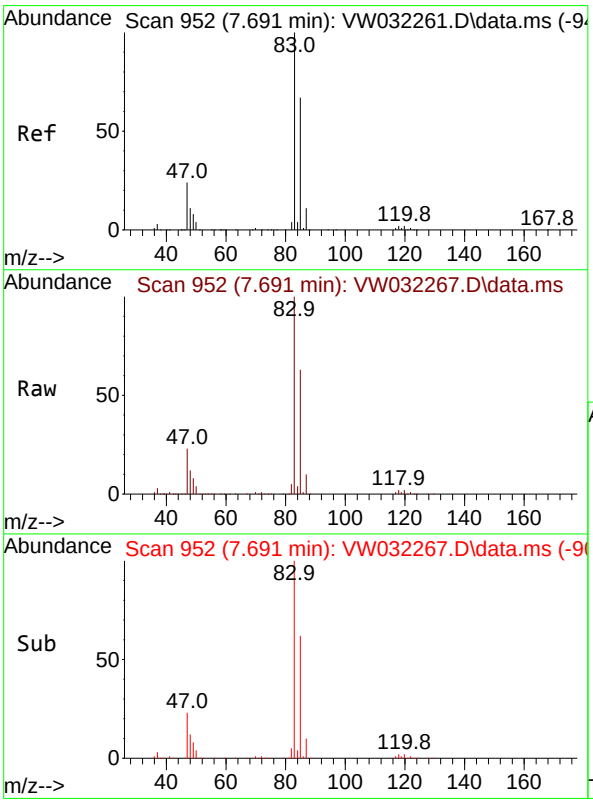
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Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

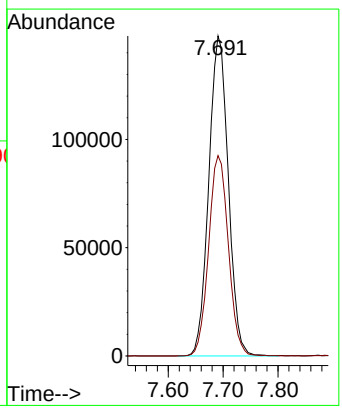
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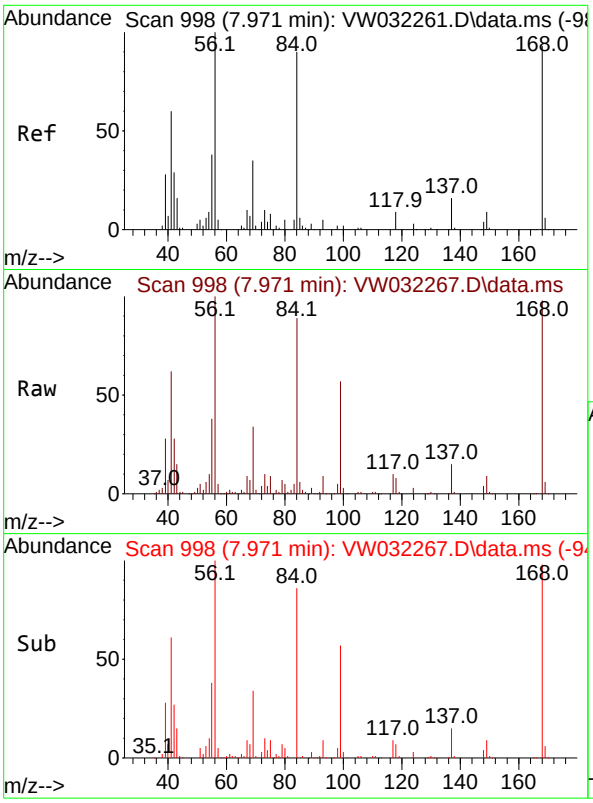


#30
Chloroform
Concen: 49.446 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 83 Resp: 364637

Ion	Ratio	Lower	Upper
83	100		
85	62.6	53.3	79.9

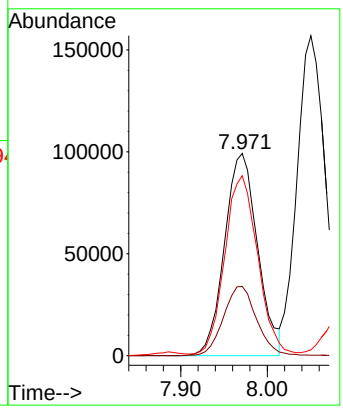




#31
Cyclohexane
Concen: 47.339 ug/l
RT: 7.971 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 56 Resp: 26383

Ion	Ratio	Lower	Upper
56	100		
69	34.3	28.2	42.2
84	87.9	71.8	107.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

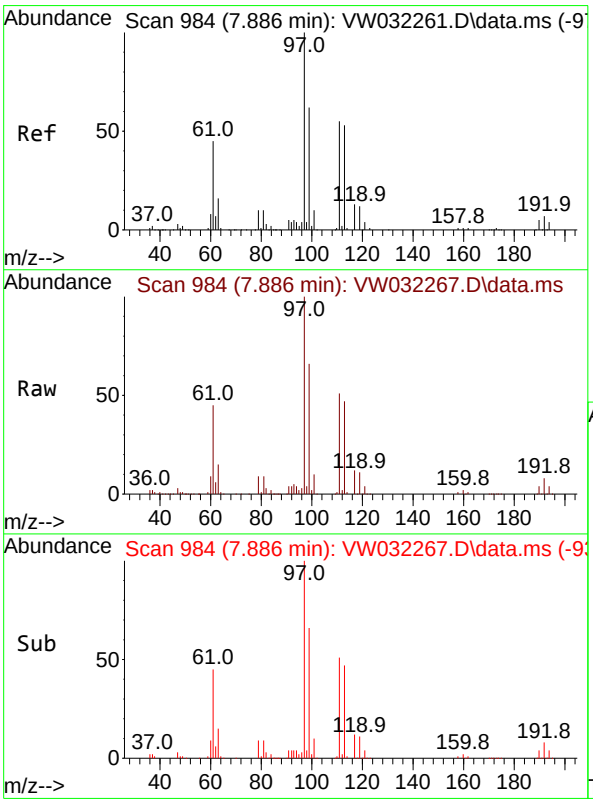
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Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

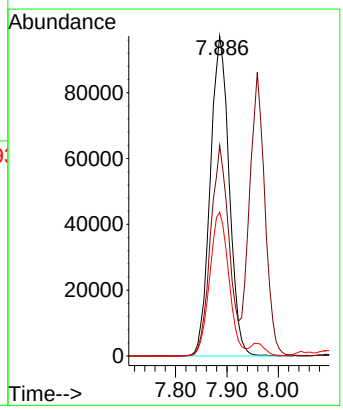
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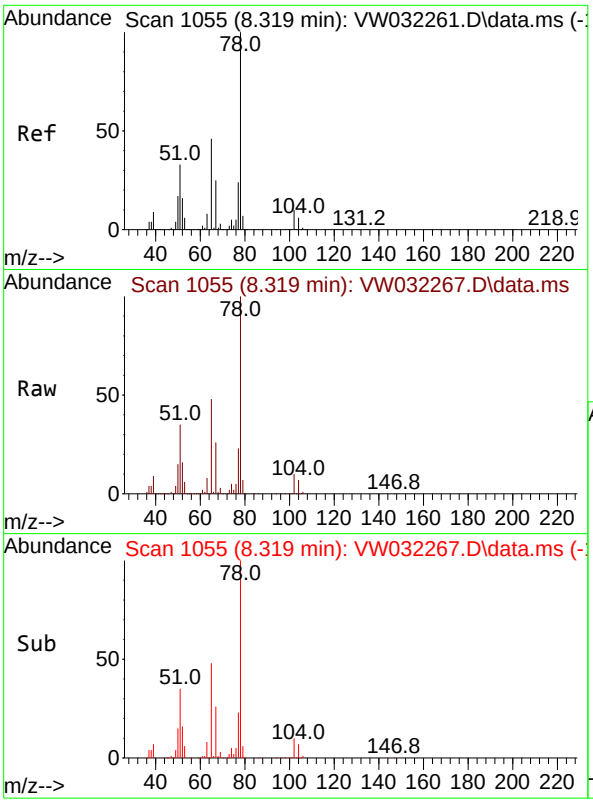


#32
1,1,1-Trichloroethane
Concen: 49.916 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 97 Resp: 247985

Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	76.0
61	45.9	36.2	54.4

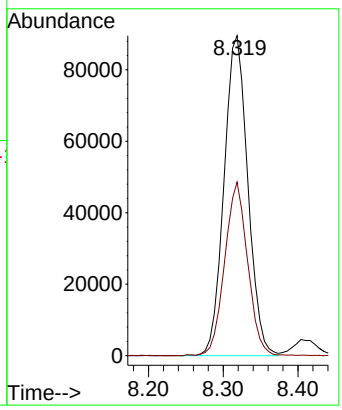




#33
1,2-Dichloroethane-d4
Concen: 45.856 ug/l
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 65 Resp: 19793

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

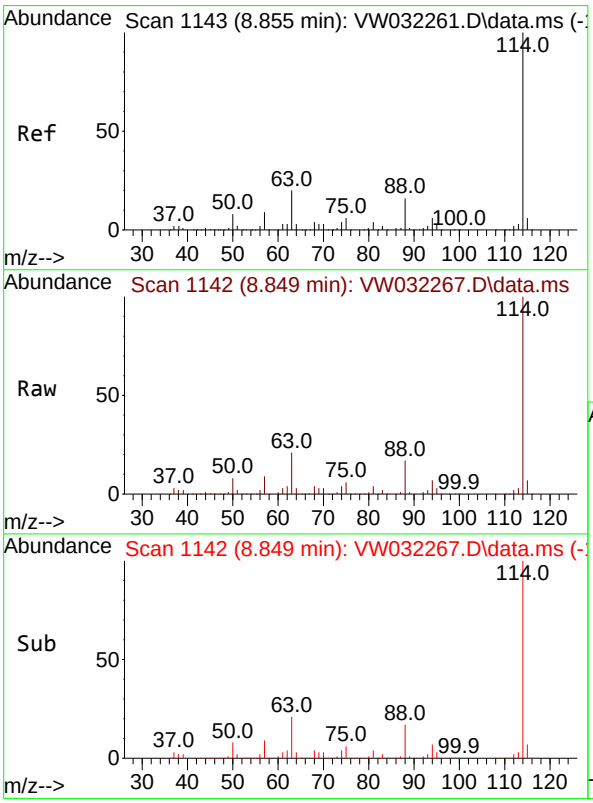
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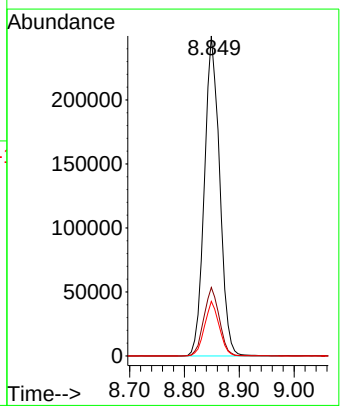
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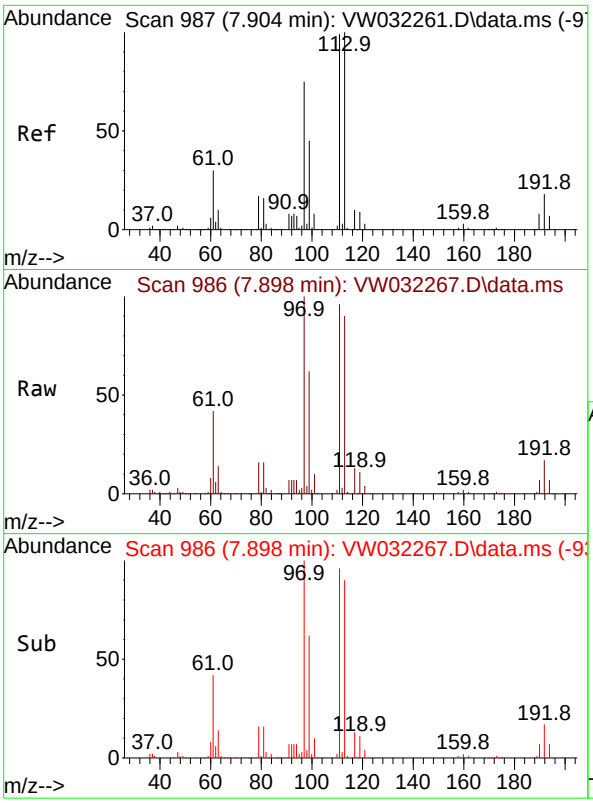


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:114 Resp: 482464

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.2
88	17.1	0.0	32.0

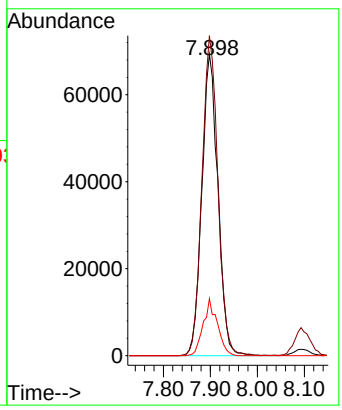




#35
Dibromofluoromethane
Concen: 47.413 ug/l
RT: 7.898 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:113 Resp: 16451

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.8
192	16.6	13.0	19.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

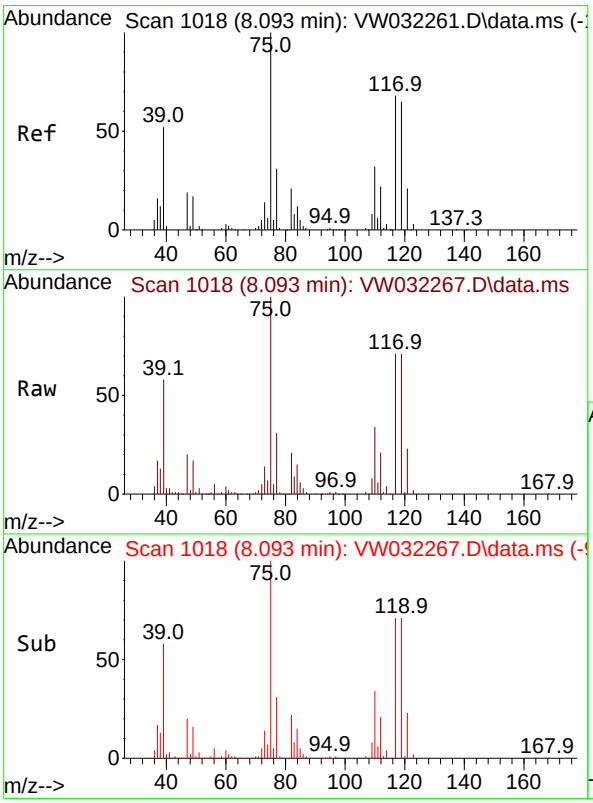
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

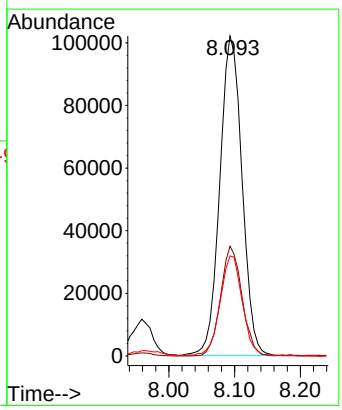
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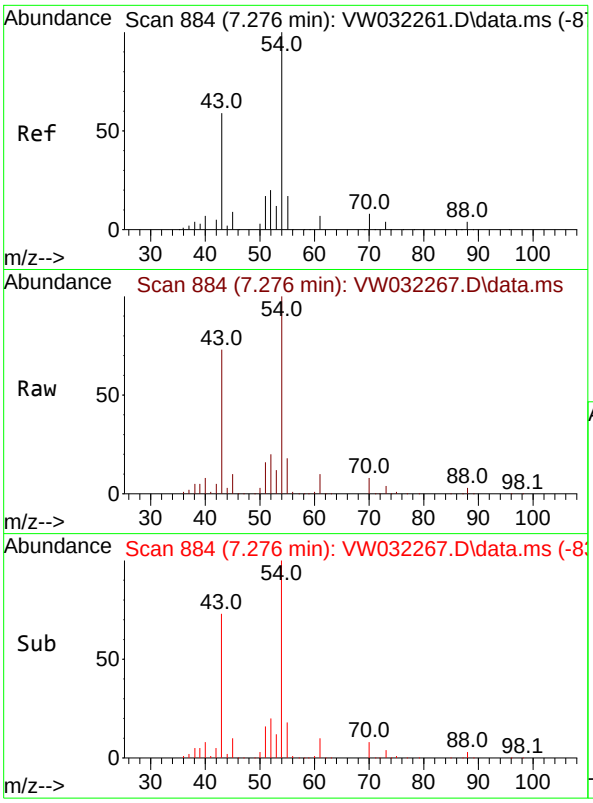


#36
1,1-Dichloropropene
Concen: 51.207 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 239541

Ion	Ratio	Lower	Upper
75	100		
110	33.1	16.7	50.1
77	31.5	25.2	37.8

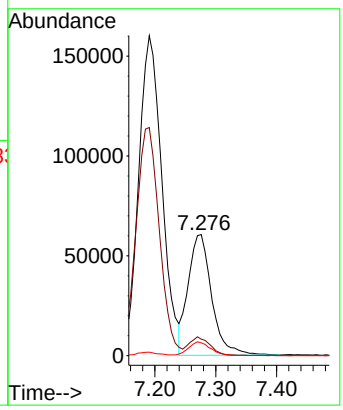




#37
Ethyl Acetate
Concen: 52.286 ug/l
RT: 7.276 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 16221

Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	10.5	8.5	12.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

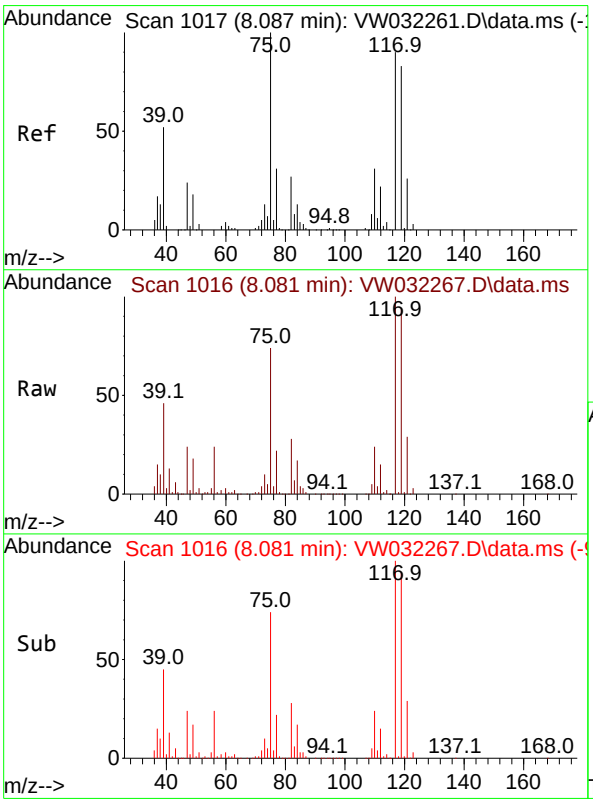
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Reviewed By :Mahesh Dadoda

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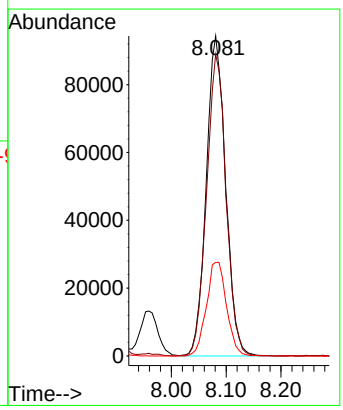
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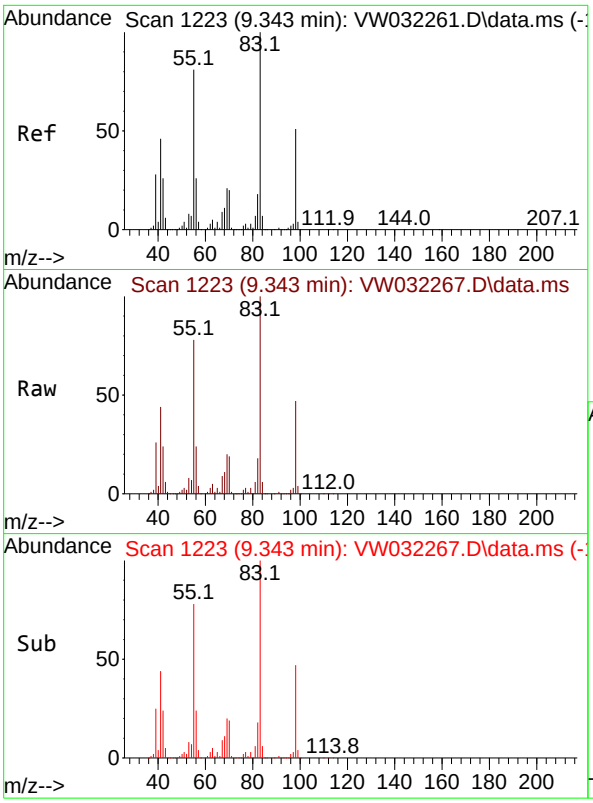


#38
Carbon Tetrachloride
Concen: 52.620 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:117 Resp: 231586

Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.9	110.9
121	29.2	23.0	34.6

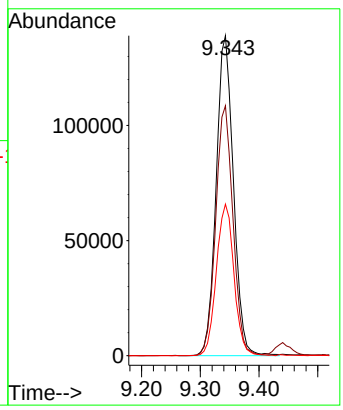




#39
Methylcyclohexane
Concen: 52.366 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 83 Resp: 28344

Ion	Ratio	Lower	Upper
83	100		
55	78.0	65.0	97.6
98	47.4	40.8	61.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

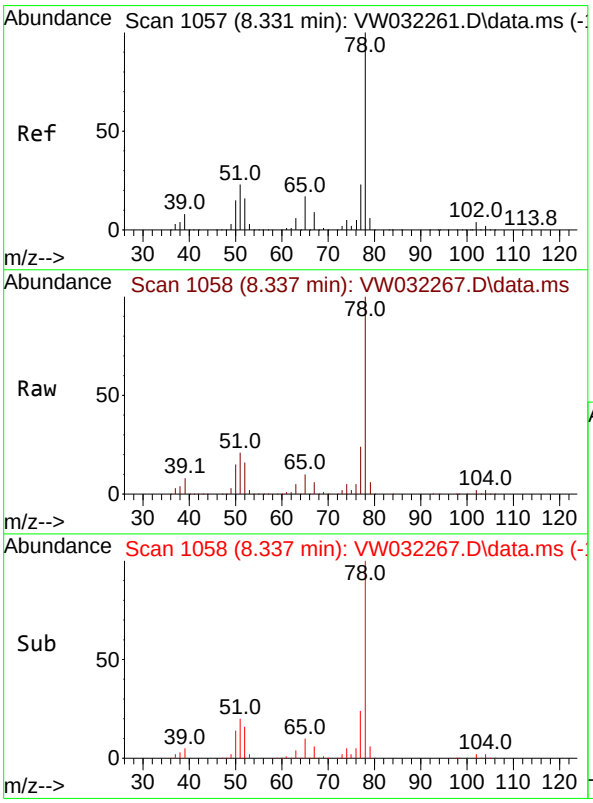
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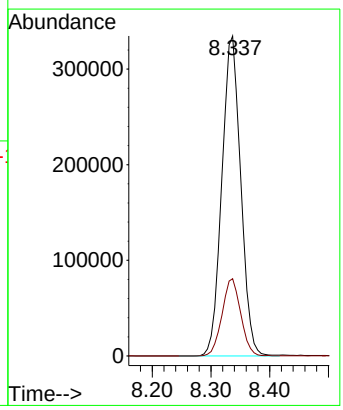
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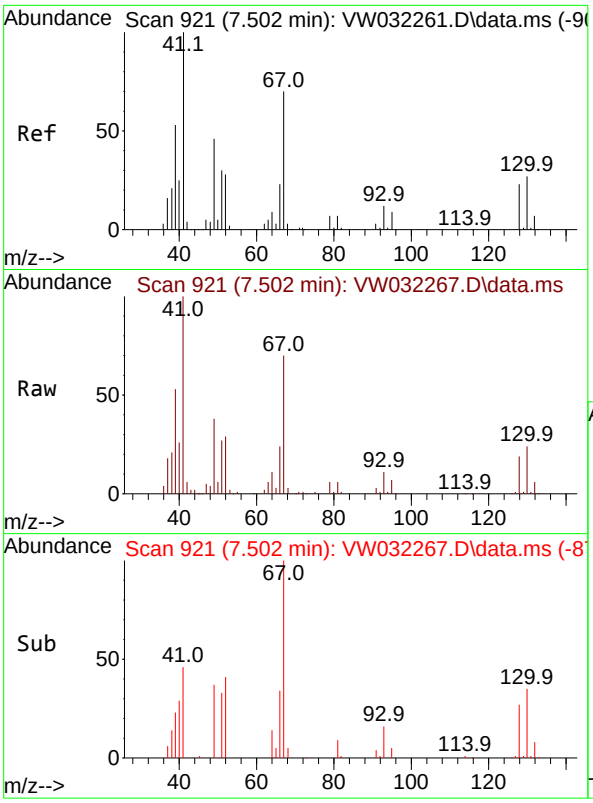


#40
Benzene
Concen: 50.718 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 78 Resp: 746803

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.7	28.1

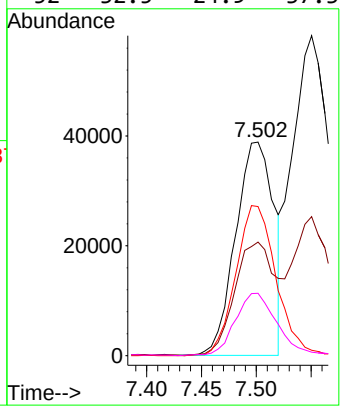




#41
Methacrylonitrile
Concen: 53.104 ug/l
RT: 7.502 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 41 Resp: 9435

Ion	Ratio	Lower	Upper
41	100		
39	60.2	46.9	70.3
67	74.5	59.0	88.4
52	32.5	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

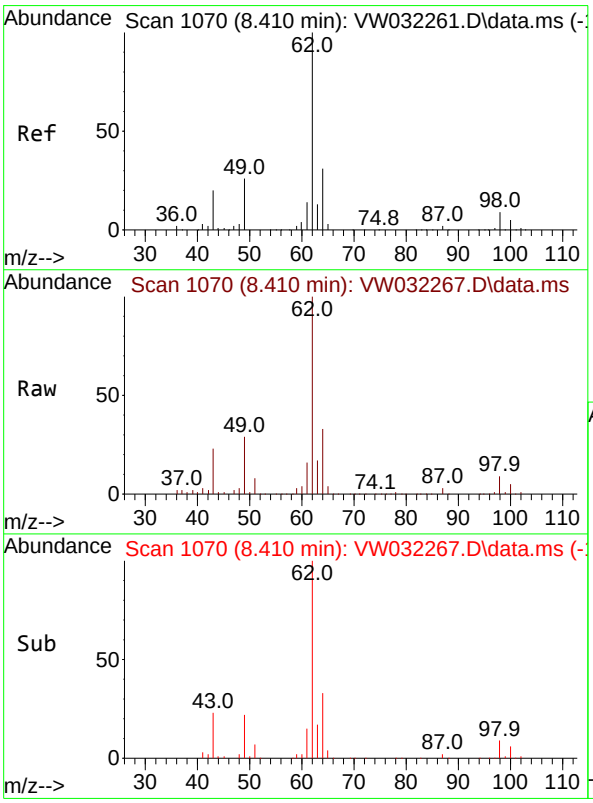
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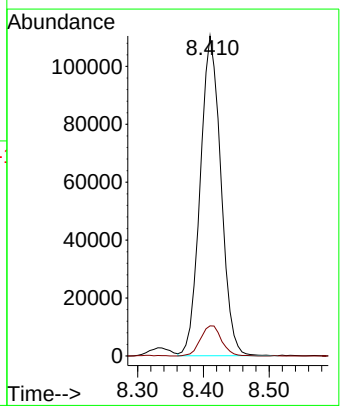
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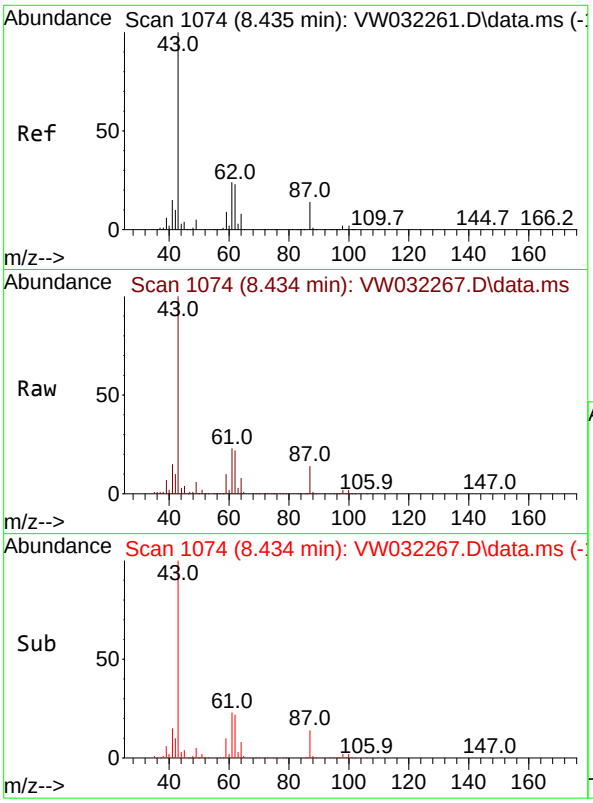


#42
1,2-Dichloroethane
Concen: 49.441 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 62 Resp: 241985

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4

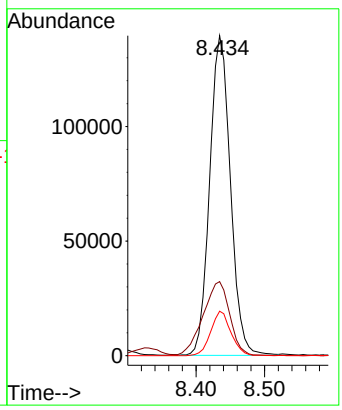




#43
Isopropyl Acetate
Concen: 52.858 ug/l
RT: 8.434 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 29355

Ion	Ratio	Lower	Upper
43	100		
61	29.7	24.2	36.2
87	13.6	10.6	16.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

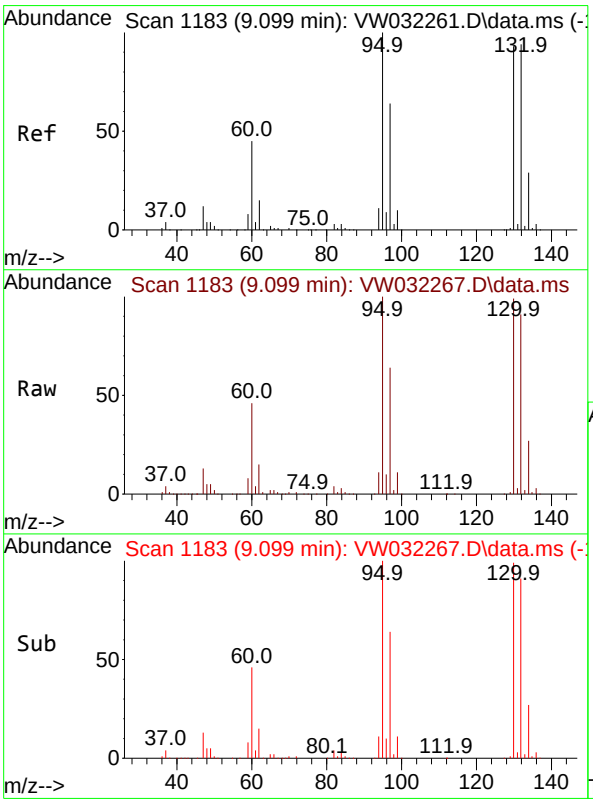
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Supervised By :Semsettin Yesilyurt

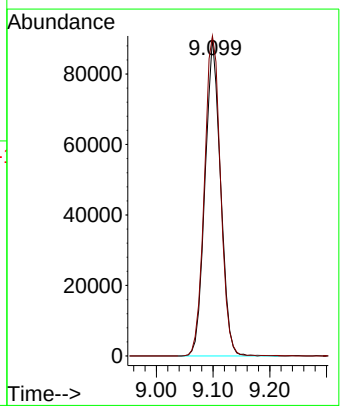
09/29/2025

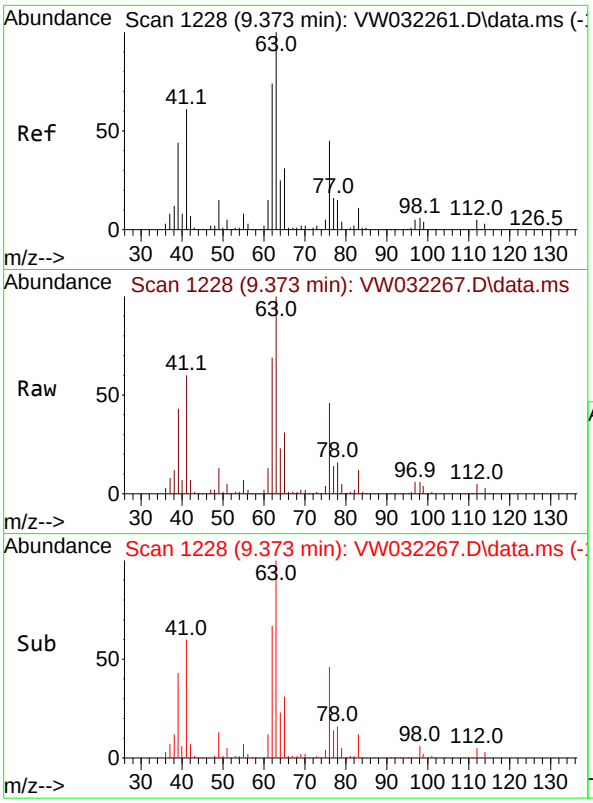


#44
Trichloroethene
Concen: 49.641 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:130 Resp: 170853

Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	215.2

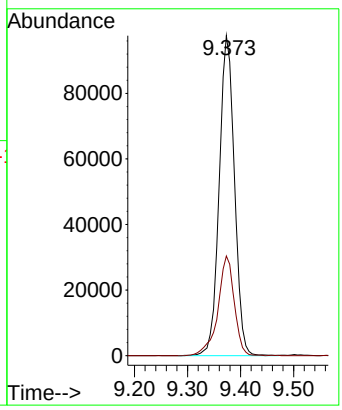




#45
1,2-Dichloropropane
Concen: 51.180 ug/l
RT: 9.373 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 63 Resp: 19518

Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

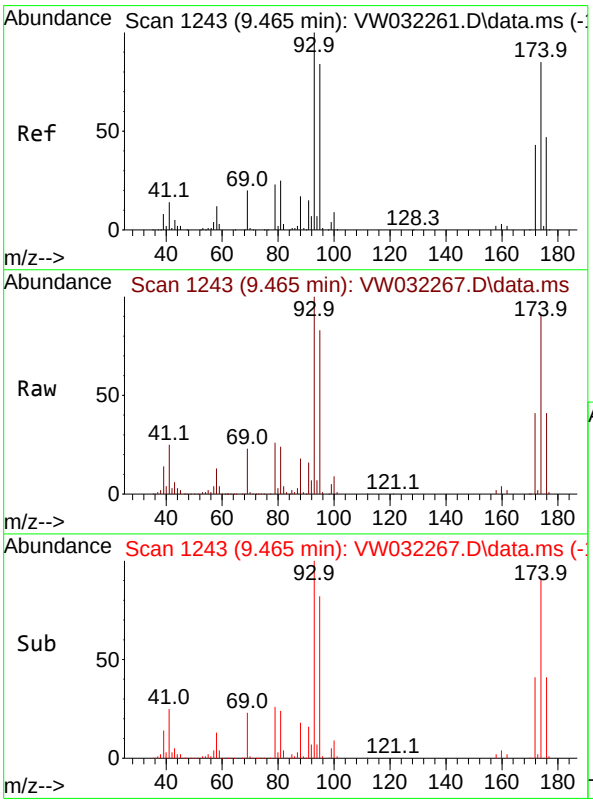
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

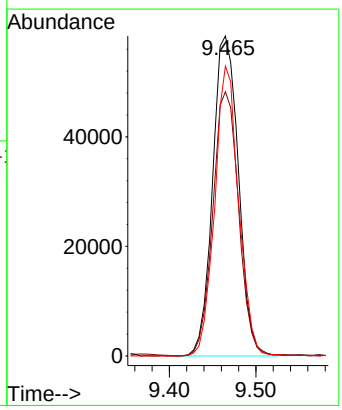
09/29/2025

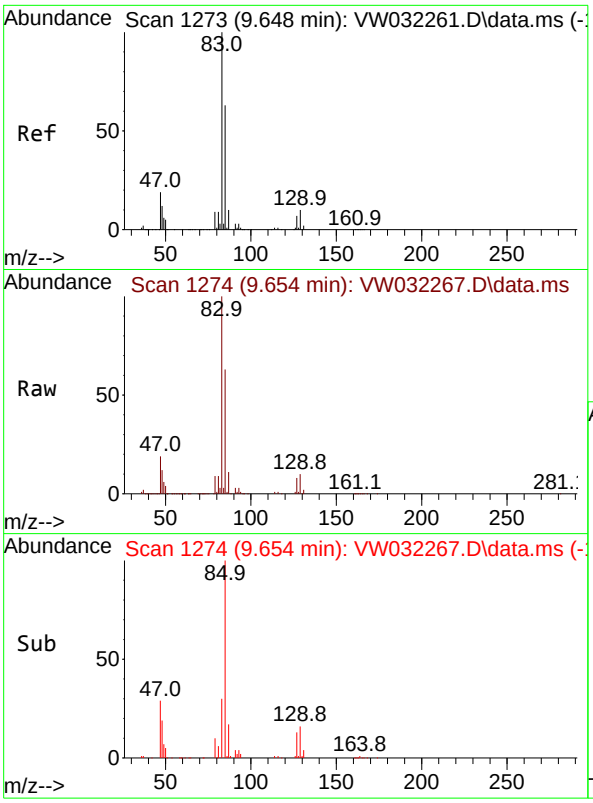


#46
Dibromomethane
Concen: 51.498 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 93 Resp: 120749

Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.6	99.8
174	84.3	69.0	103.6

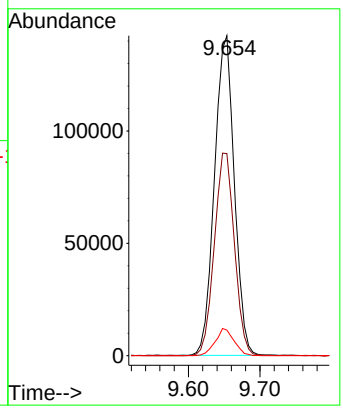




#47
Bromodichloromethane
Concen: 51.267 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 83 Resp: 27416

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.3	75.5
127	8.0	5.6	8.4



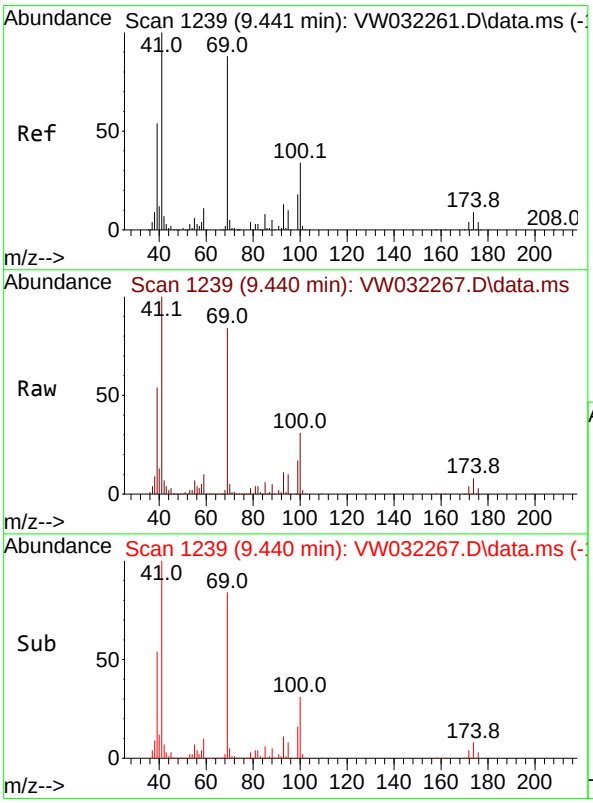
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025
Supervised By :Semsettin Yesilyurt

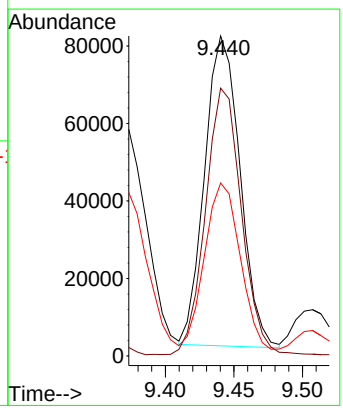
09/29/2025

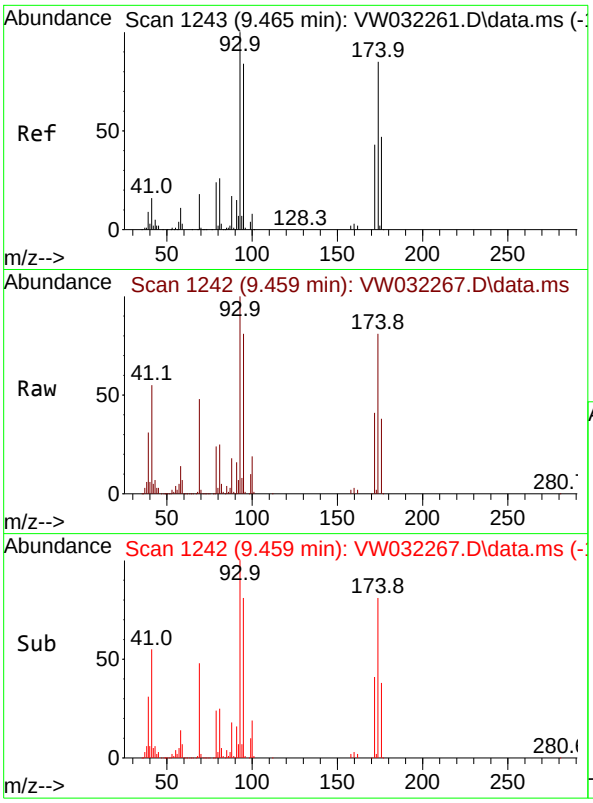


#48
Methyl methacrylate
Concen: 54.975 ug/l
RT: 9.440 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 41 Resp: 143636

Ion	Ratio	Lower	Upper
41	100		
69	88.7	71.4	107.0
39	53.6	46.9	70.3

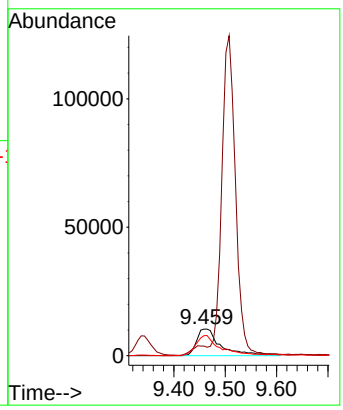




#49
1,4-Dioxane
Concen: 1081.815 ug/l
RT: 9.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 88 Resp: 3397

Ion	Ratio	Lower	Upper
88	100		
43	22.8	0.0	0.0
58	76.4	62.9	94.3



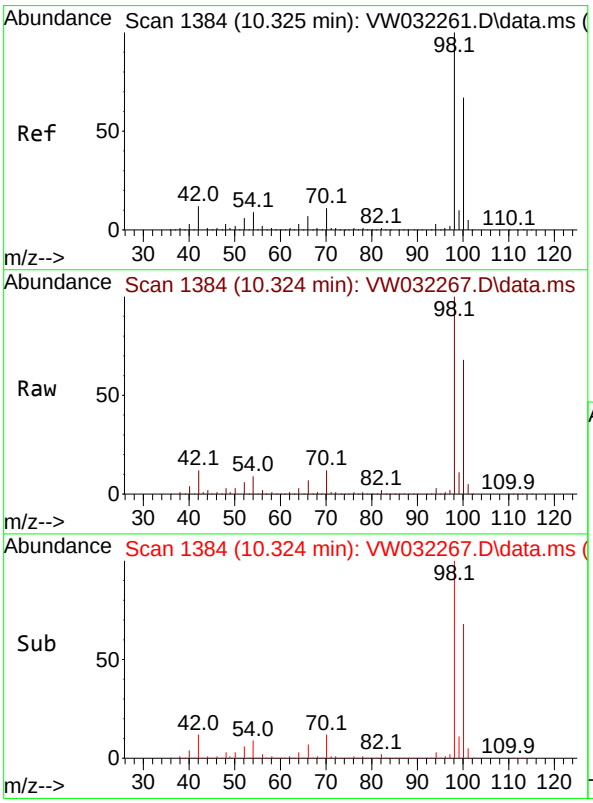
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

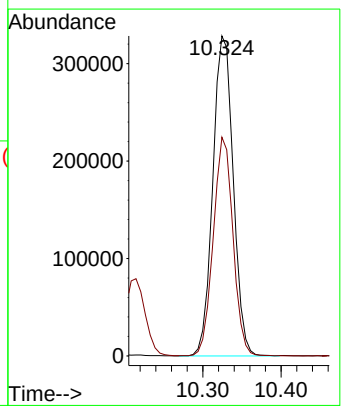
09/29/2025

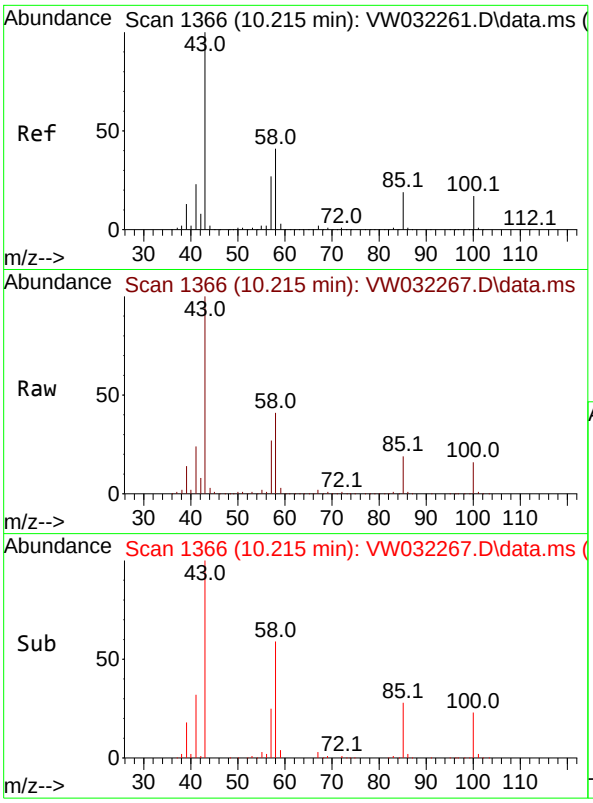


#50
Toluene-d8
Concen: 47.526 ug/l
RT: 10.324 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 98 Resp: 594303

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.4

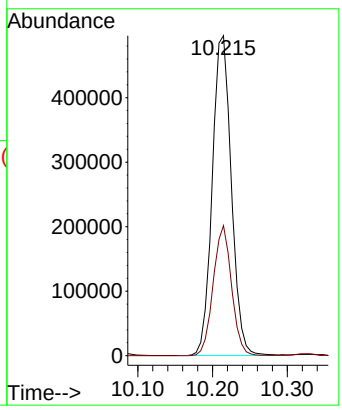




#51
4-Methyl-2-Pentanone
Concen: 266.913 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 87888

Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.3	48.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

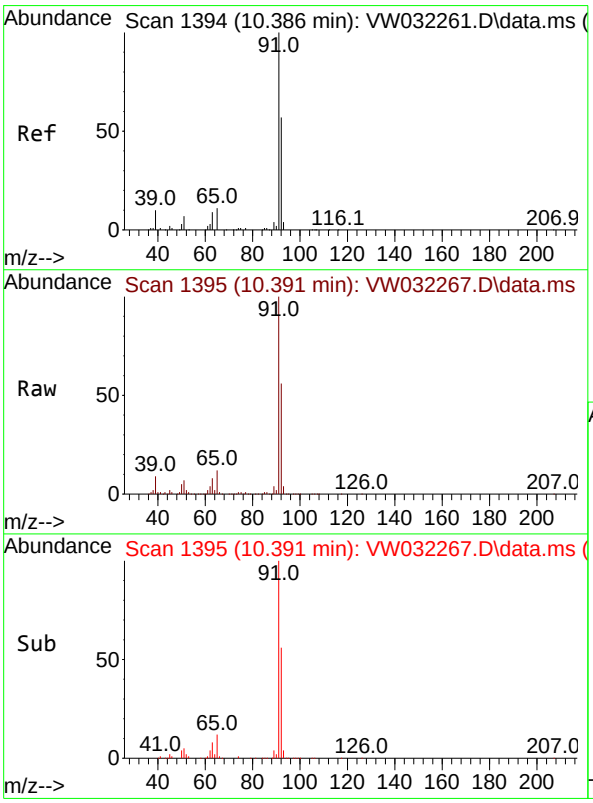
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

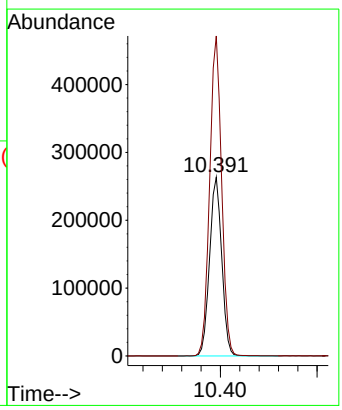
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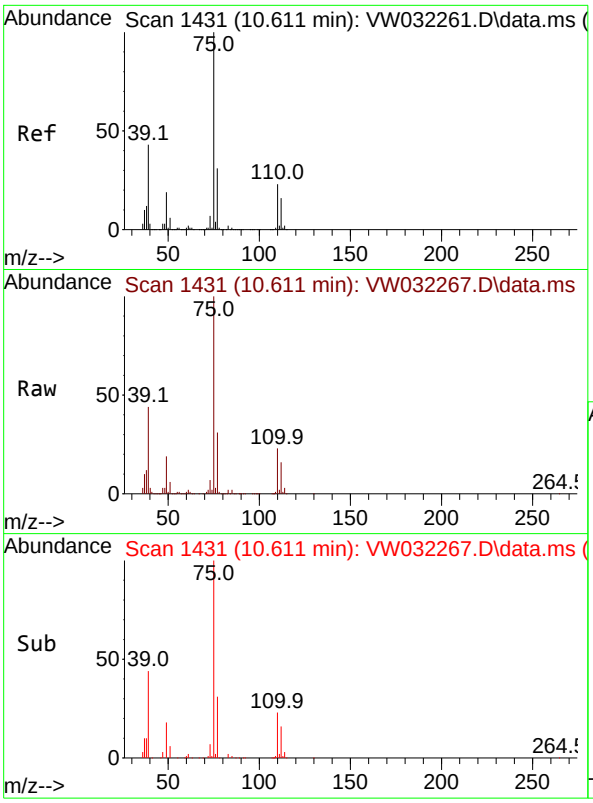


#52
Toluene
Concen: 50.245 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 92 Resp: 458556

Ion	Ratio	Lower	Upper
92	100		
91	175.8	139.2	208.8

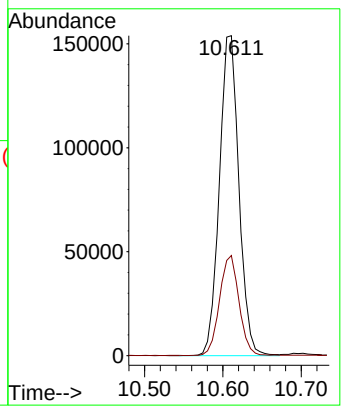




#53
t-1,3-Dichloropropene
Concen: 54.570 ug/l
RT: 10.611 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 26738

Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	37.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

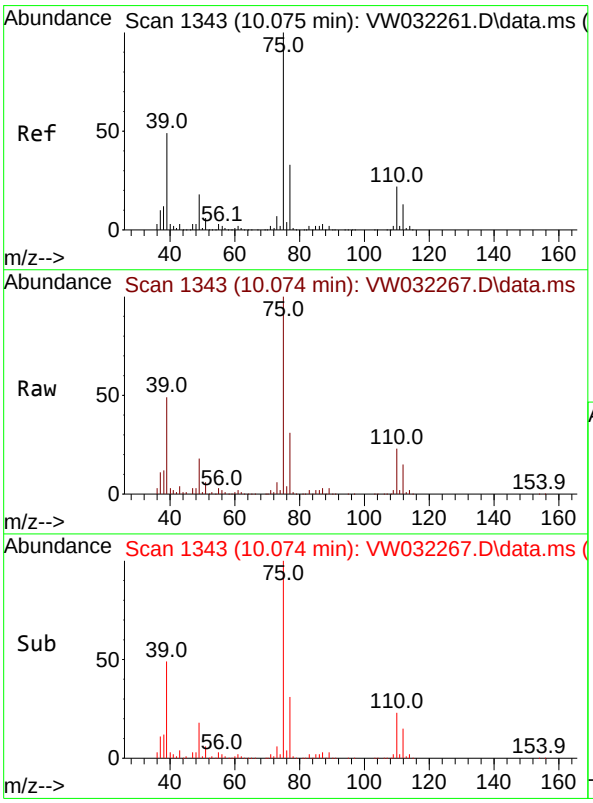
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

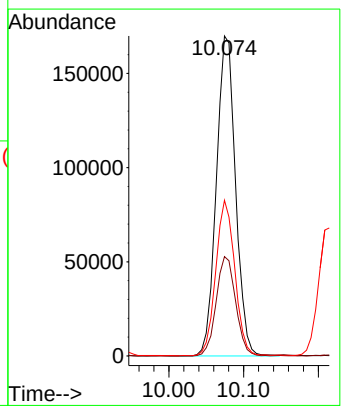
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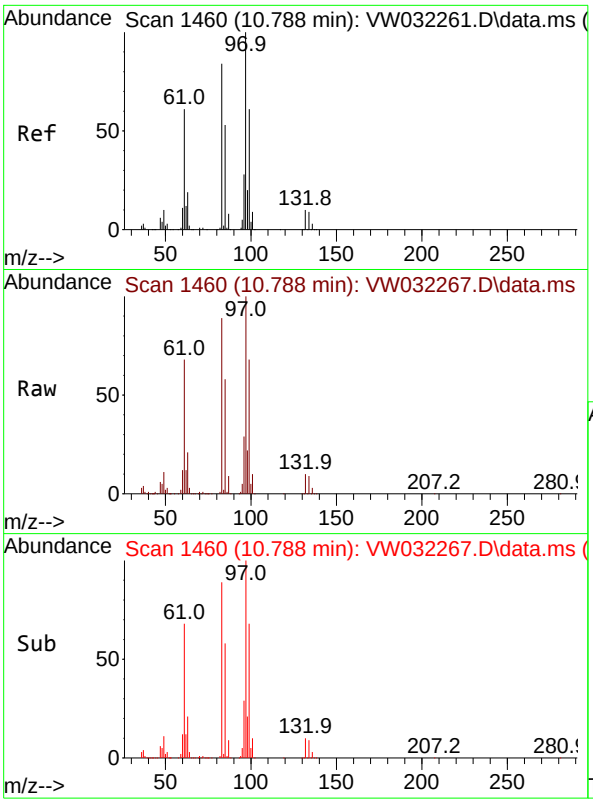


#54
cis-1,3-Dichloropropene
Concen: 53.737 ug/l
RT: 10.074 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 303973

Ion	Ratio	Lower	Upper
75	100		
77	31.1	26.2	39.4
39	48.6	39.0	58.6

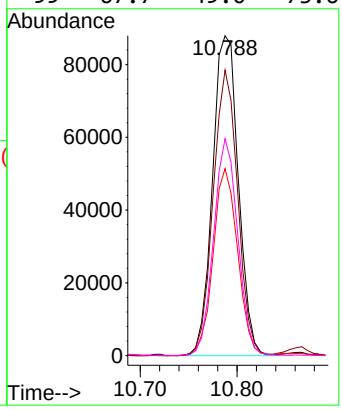




#55
1,1,2-Trichloroethane
Concen: 50.952 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 97 Resp: 16307

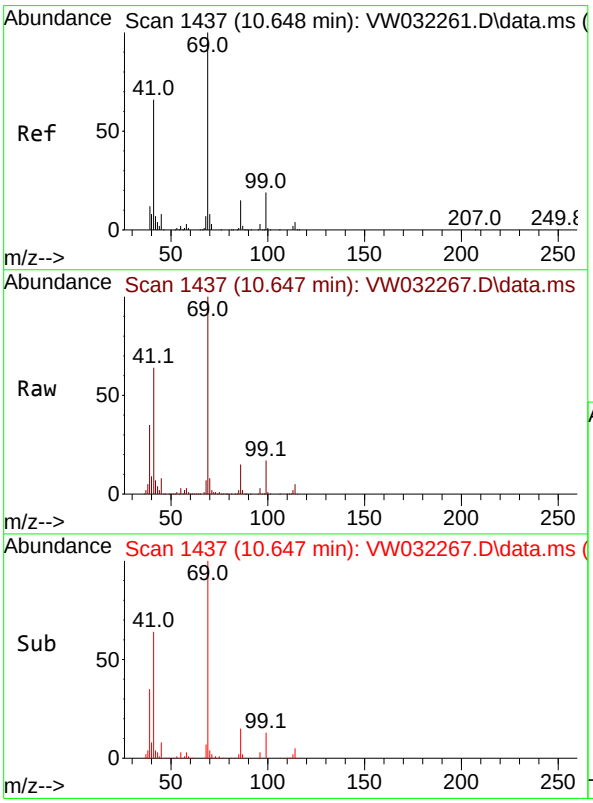
Ion	Ratio	Lower	Upper
97	100		
83	89.3	67.4	101.2
85	58.4	42.0	63.0
99	67.7	49.0	73.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

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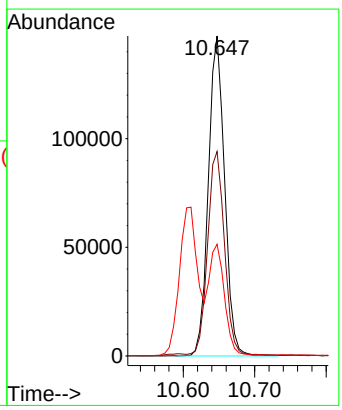
Reviewed By :Mahesh Dadoda
09/29/2025
Supervised By :Semsettin Yesilyurt
09/29/2025

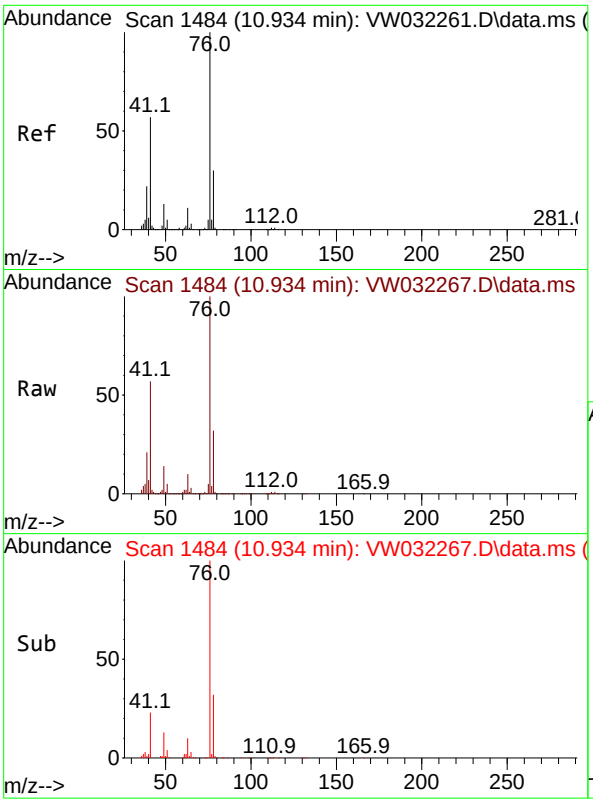


#56
Ethyl methacrylate
Concen: 55.192 ug/l
RT: 10.647 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 69 Resp: 232679

Ion	Ratio	Lower	Upper
69	100		
41	65.3	54.7	82.1
39	32.8	26.3	39.5

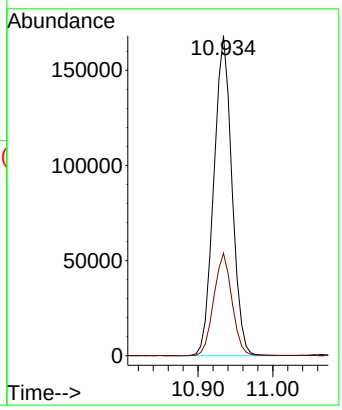




#57
1,3-Dichloropropane
Concen: 51.235 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 76 Resp: 28328(

Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

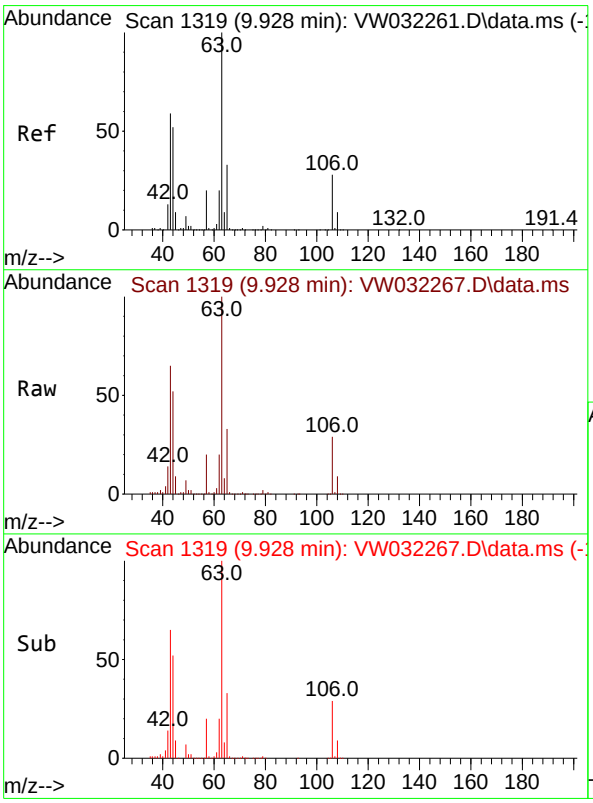
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

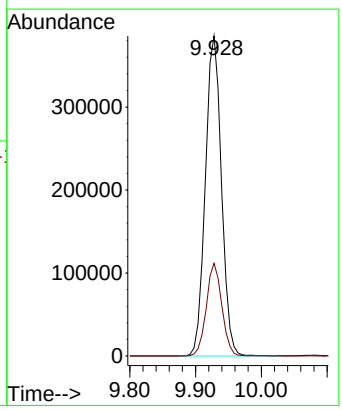
09/29/2025

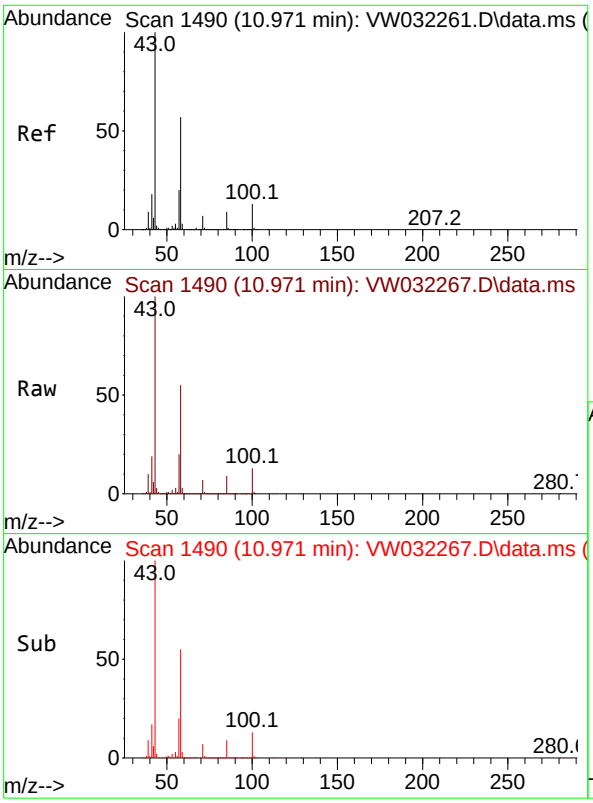


#58
2-Chloroethyl Vinyl ether
Concen: 283.551 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 63 Resp: 656204

Ion	Ratio	Lower	Upper
63	100		
106	27.9	22.5	33.7

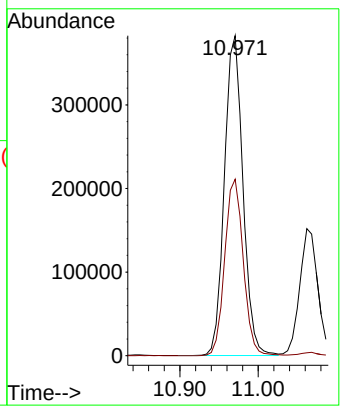




#59
2-Hexanone
Concen: 280.431 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 63058

Ion	Ratio	Lower	Upper
43	100		
58	55.1	27.9	83.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

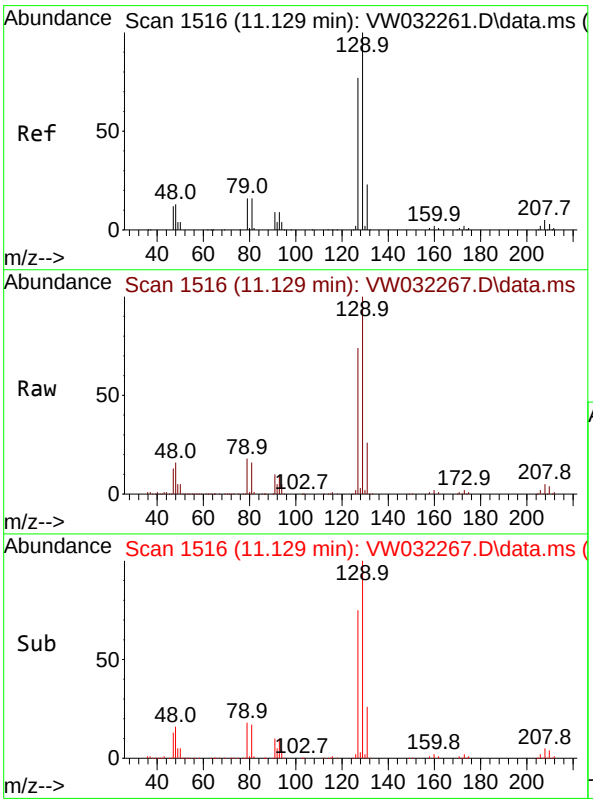
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

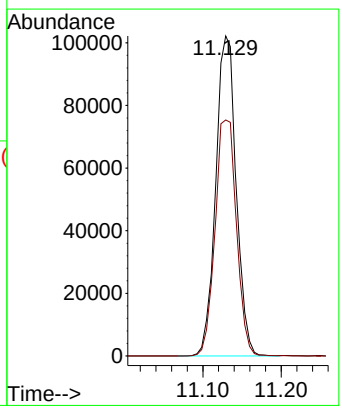
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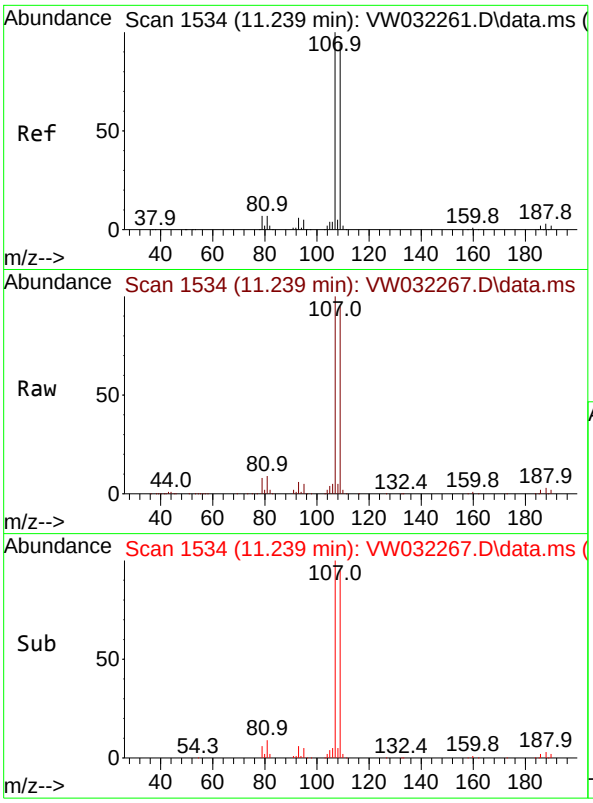


#60
Dibromochloromethane
Concen: 52.698 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:129 Resp: 185228

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.3	117.8

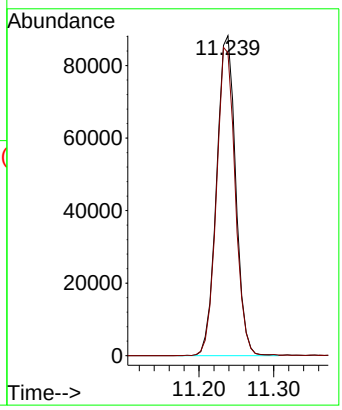




#61
1,2-Dibromoethane
Concen: 51.758 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:107 Resp: 15693

Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.1	111.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

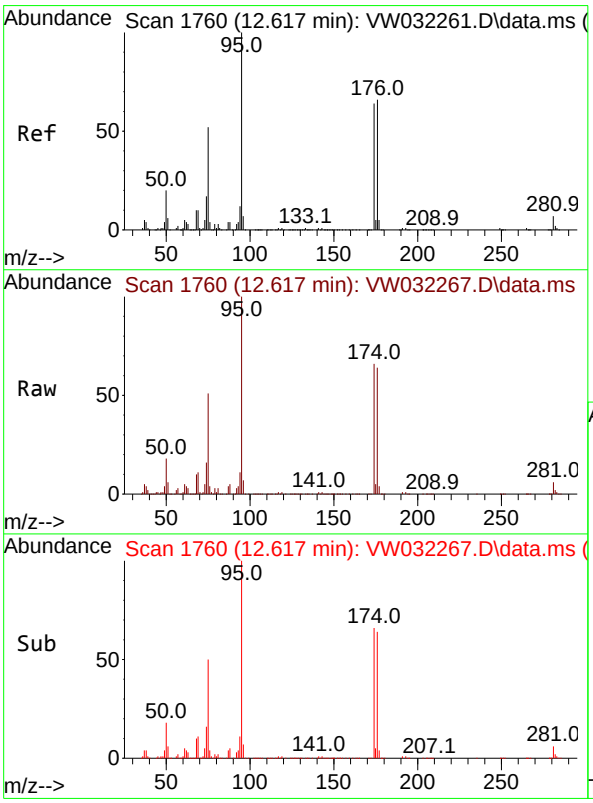
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

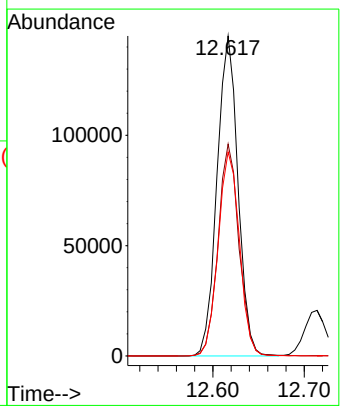
09/29/2025

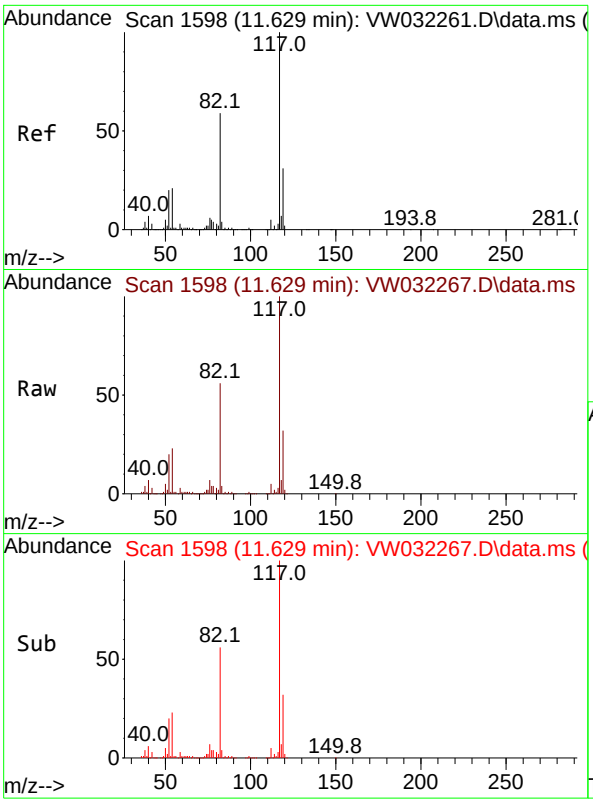


#62
4-Bromofluorobenzene
Concen: 48.917 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 95 Resp: 230736

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	130.6
176	64.9	0.0	127.0

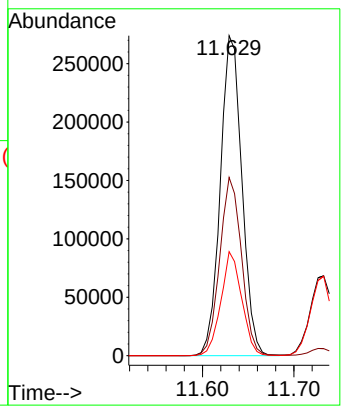




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:117 Resp: 45060

Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.9	70.3
119	32.5	24.9	37.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

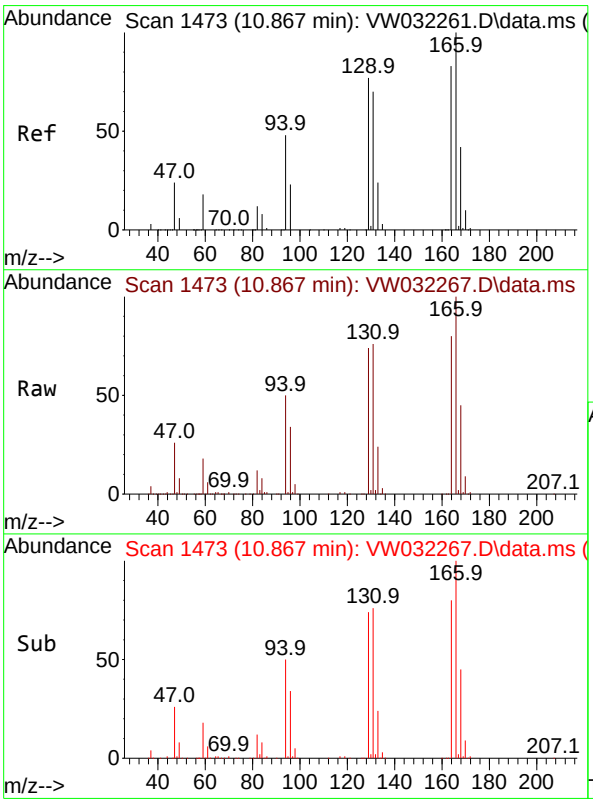
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

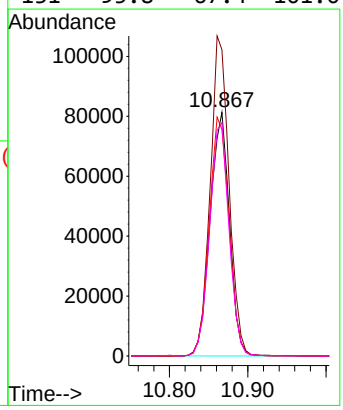
09/29/2025

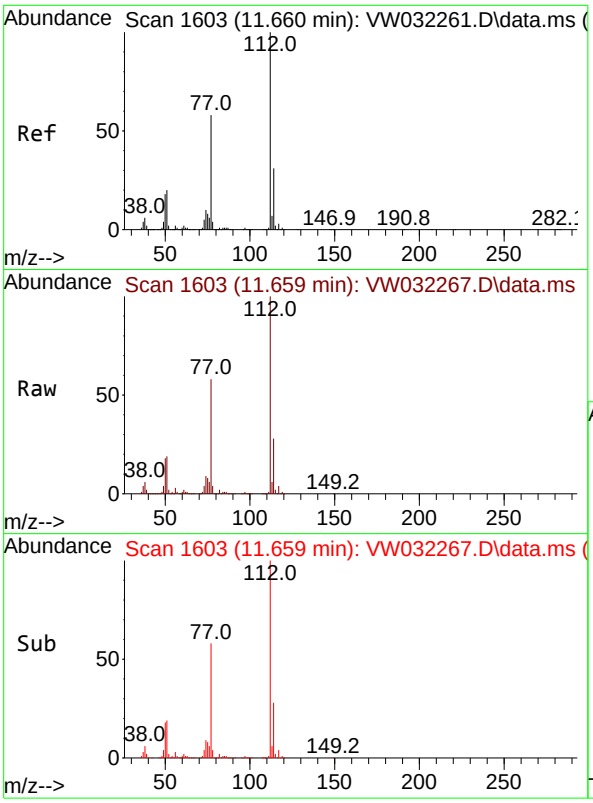


#64
Tetrachloroethene
Concen: 50.781 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:164 Resp: 139445

Ion	Ratio	Lower	Upper
164	100		
166	125.7	96.9	145.3
129	93.0	75.0	112.4
131	95.8	67.4	101.0

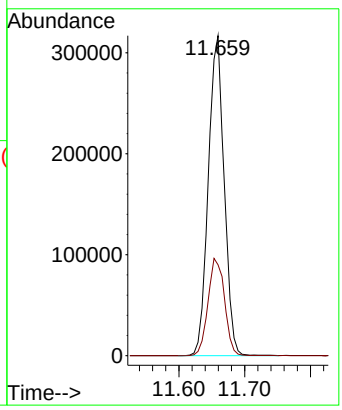




#65
Chlorobenzene
Concen: 51.224 ug/l
RT: 11.659 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:112 Resp: 53167

Ion	Ratio	Lower	Upper
112	100		
114	28.4	24.8	37.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

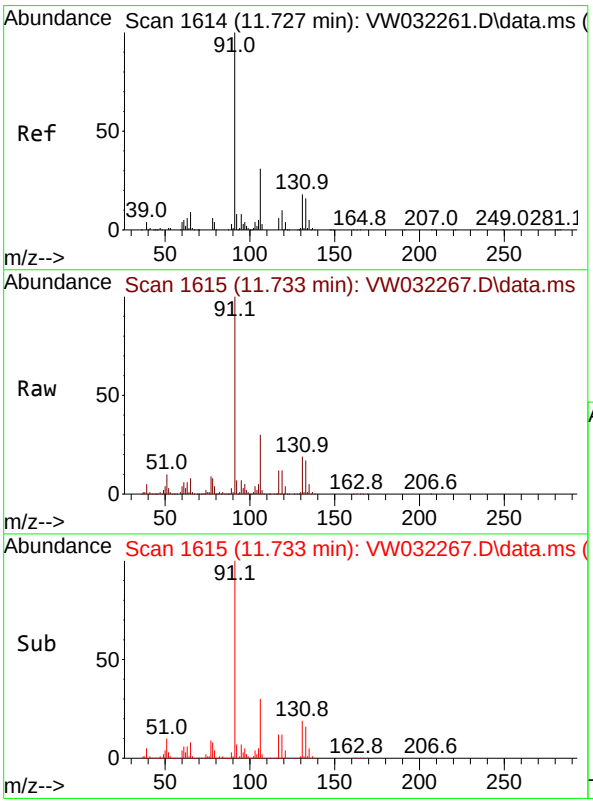
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

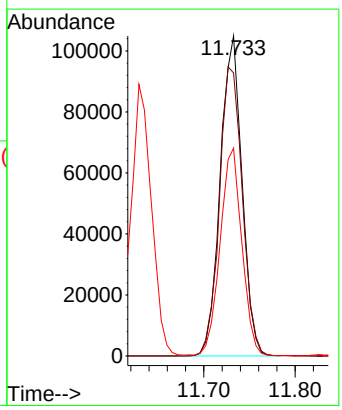
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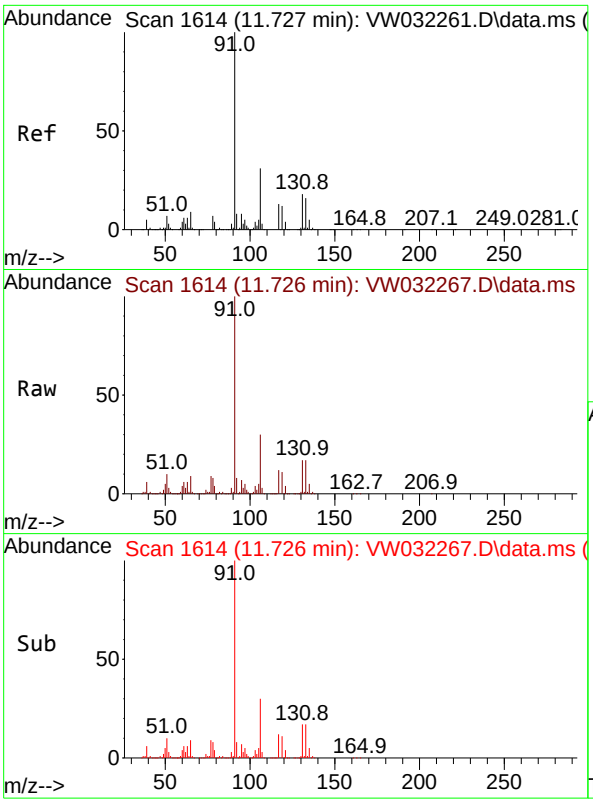


#66
1,1,1,2-Tetrachloroethane
Concen: 52.879 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:131 Resp: 173578

Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.1	141.3
119	65.2	33.9	101.7

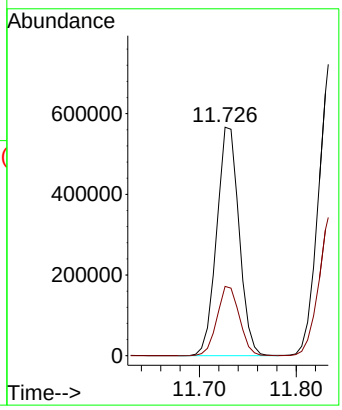




#67
Ethyl Benzene
Concen: 53.548 ug/l
RT: 11.726 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 91 Resp: 90973

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.7	37.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

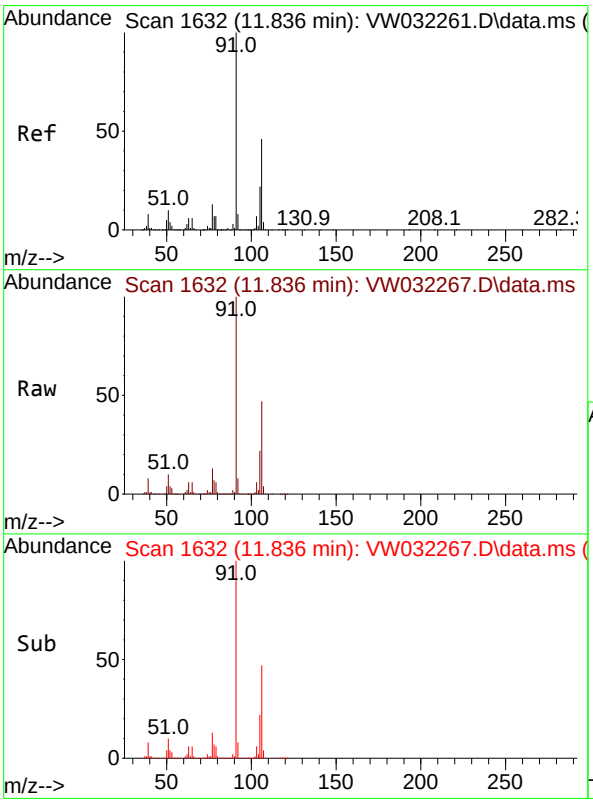
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

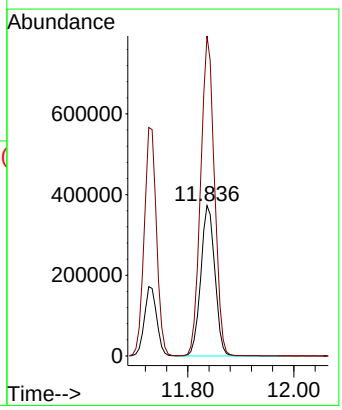
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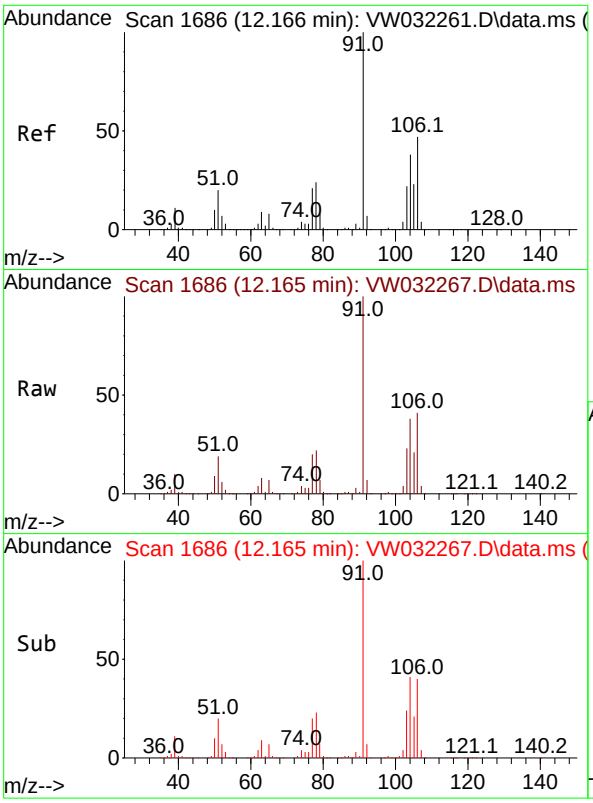


#68
m/p-Xylenes
Concen: 105.367 ug/l
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:106 Resp: 686206

Ion	Ratio	Lower	Upper
106	100		
91	209.0	169.0	253.4

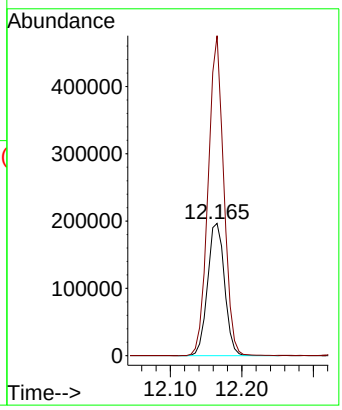




#69
o-Xylene
Concen: 52.914 ug/l
RT: 12.165 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:106 Resp: 32385

Ion	Ratio	Lower	Upper
106	100		
91	222.7	107.8	323.6



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

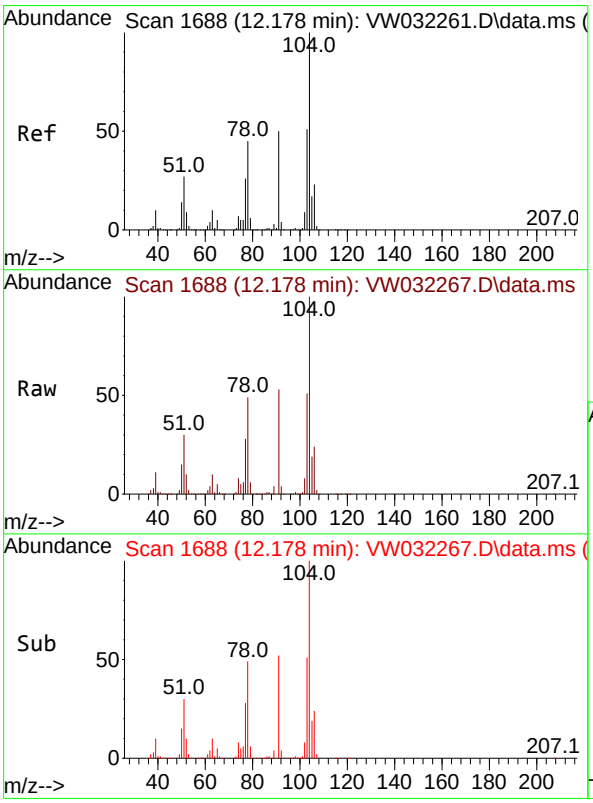
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

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Supervised By :Semsettin Yesilyurt

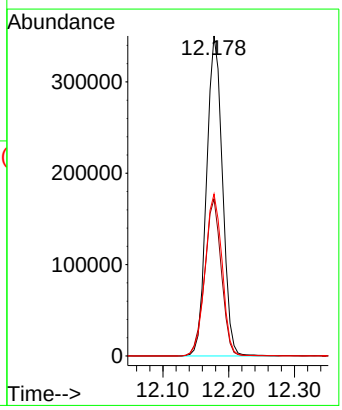
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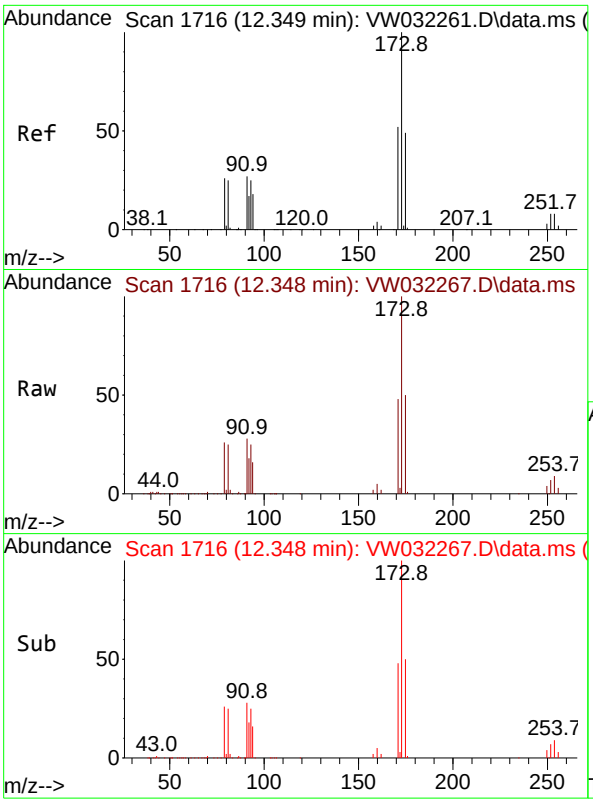


#70
Styrene
Concen: 54.832 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:104 Resp: 588531

Ion	Ratio	Lower	Upper
104	100		
78	51.2	40.8	61.2
103	54.1	43.4	65.2

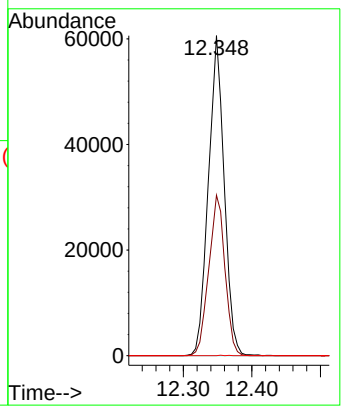




#71
Bromoform
Concen: 50.796 ug/l
RT: 12.348 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:173 Resp: 9716

Ion	Ratio	Lower	Upper
173	100		
175	51.2	23.1	69.2
254	0.1	0.1	0.1



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

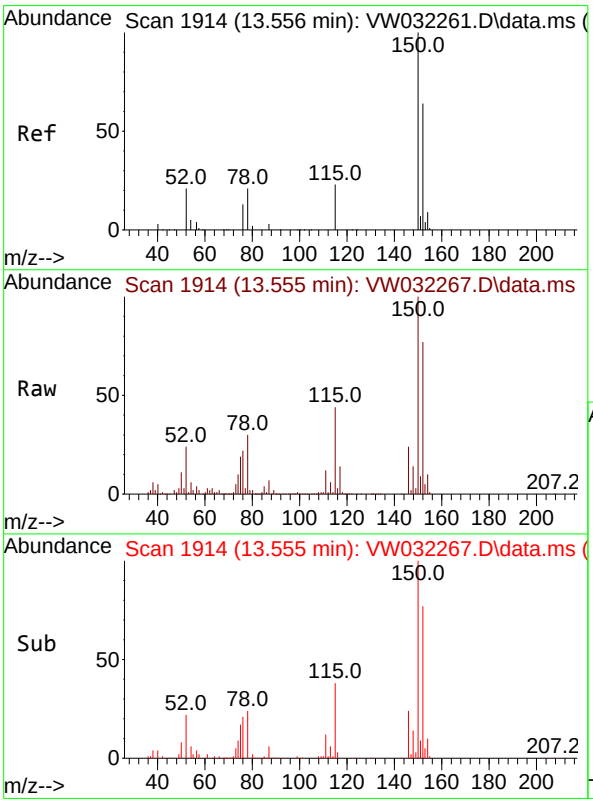
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

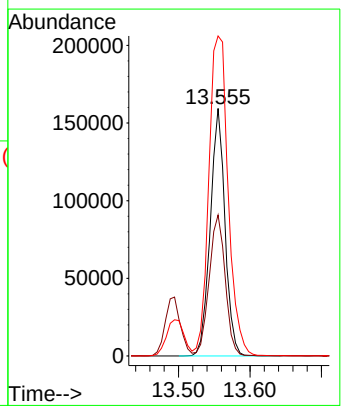
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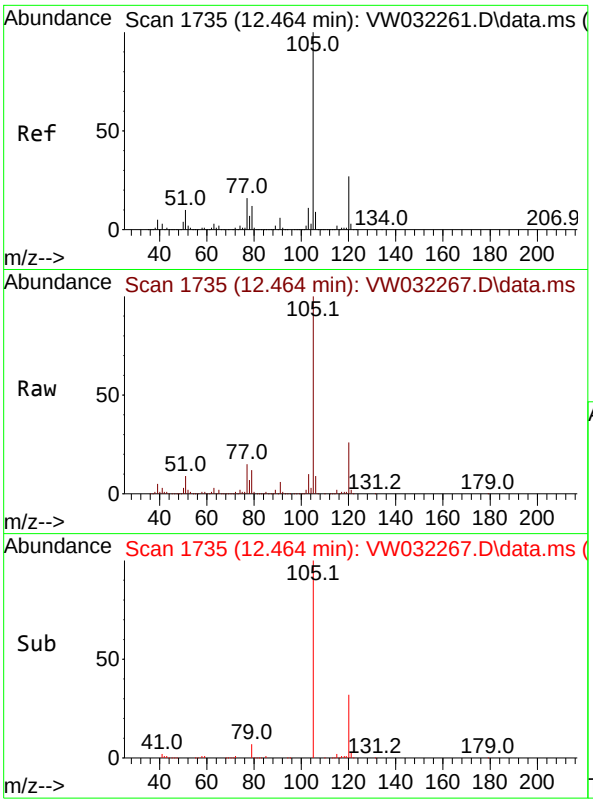


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:152 Resp: 228628

Ion	Ratio	Lower	Upper
152	100		
115	61.7	32.5	97.5
150	168.7	0.0	370.2

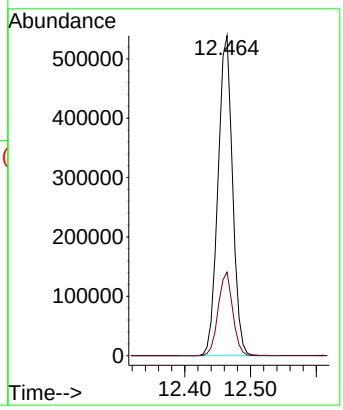




#73
Isopropylbenzene
Concen: 52.083 ug/l
RT: 12.464 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:105 Resp: 82879

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

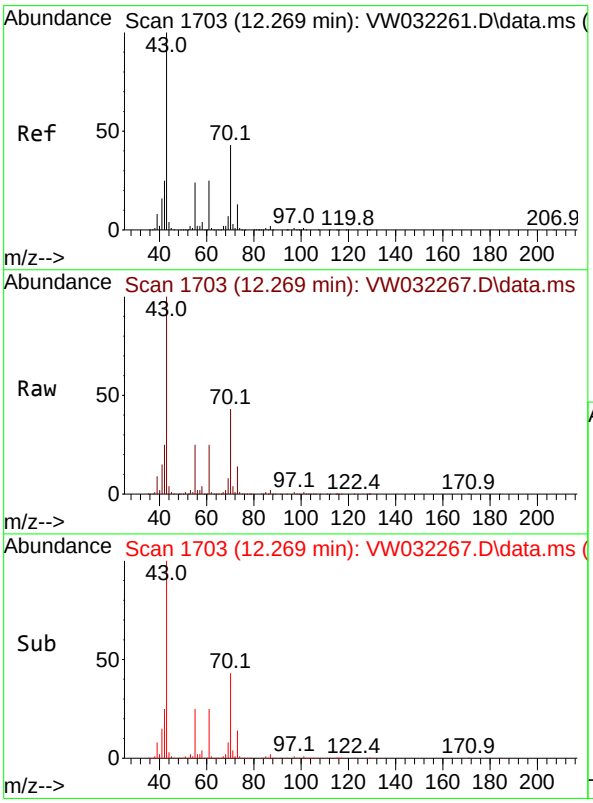
Manual Integrations APPROVED

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Supervised By :Semsettin Yesilyurt

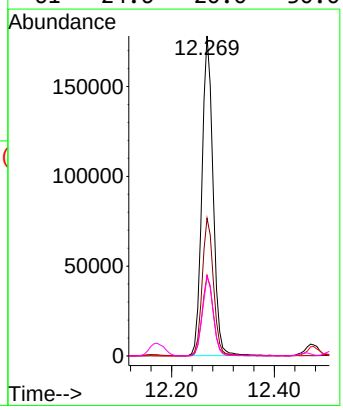
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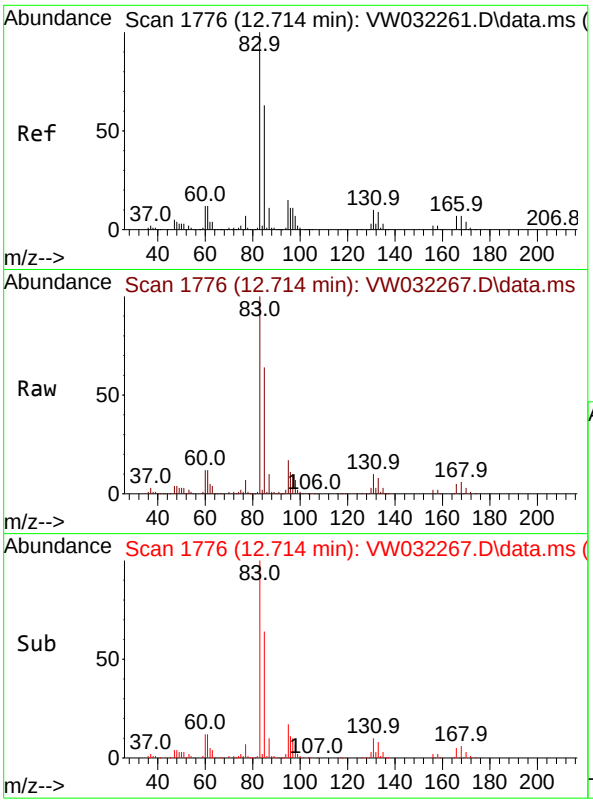


#74
N-amyl acetate
Concen: 53.325 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 43 Resp: 267223

Ion	Ratio	Lower	Upper
43	100		
70	43.7	35.0	52.4
55	25.4	20.6	31.0
61	24.6	20.0	30.0

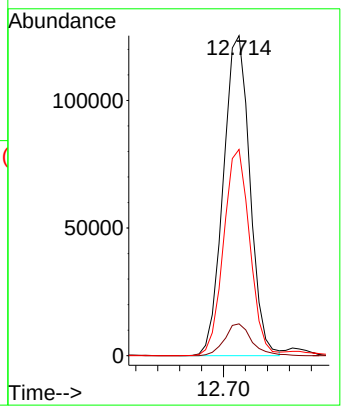




#75
1,1,2,2-Tetrachloroethane
Concen: 50.585 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 83 Resp: 21105

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	63.7	31.9	95.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

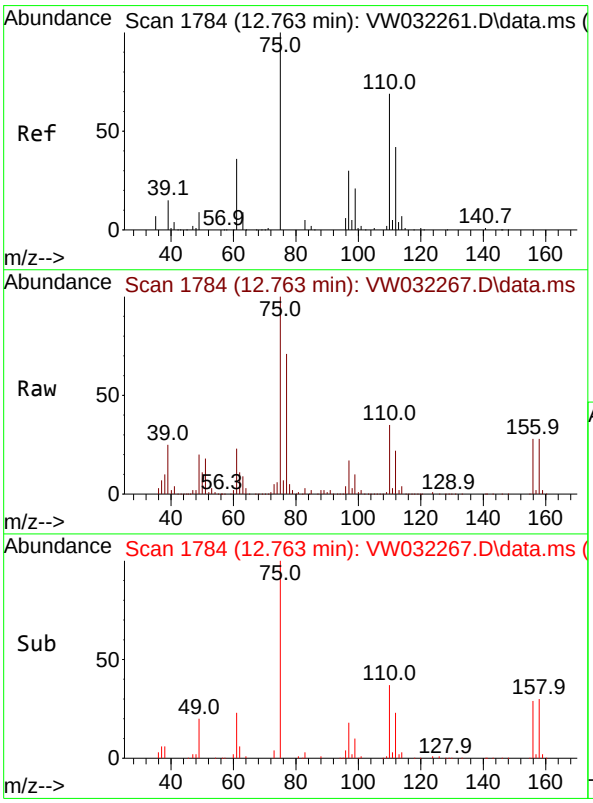
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

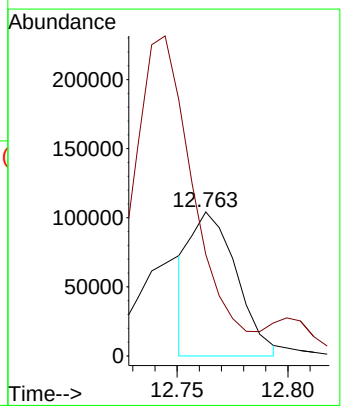
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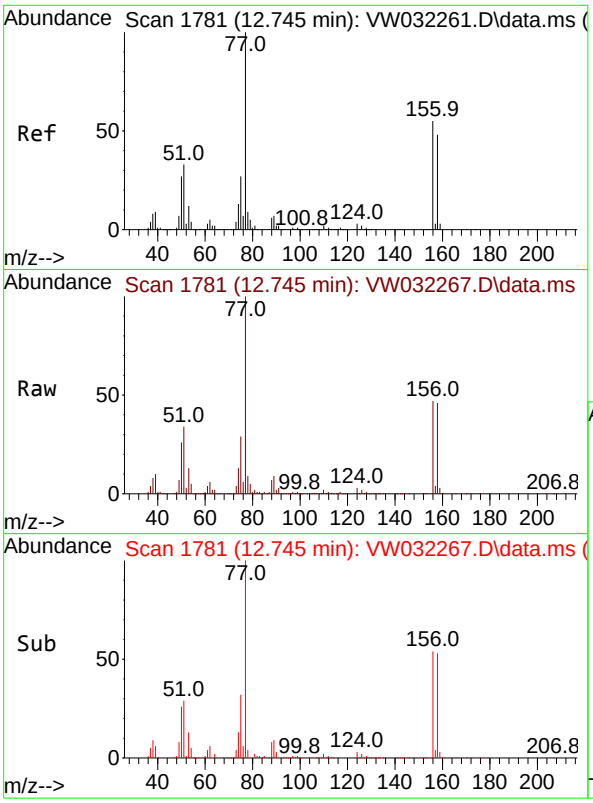


#76
1,2,3-Trichloropropane
Concen: 48.290 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 151890

Ion	Ratio	Lower	Upper
75	100		
77	292.1	140.9	422.7

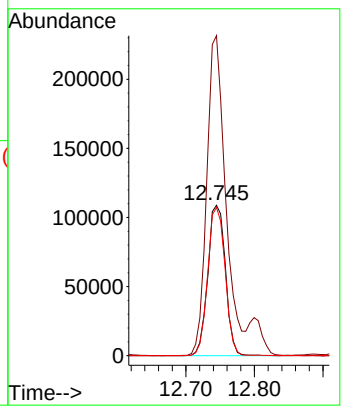




#77
Bromobenzene
Concen: 49.739 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:156 Resp: 19467

Ion	Ratio	Lower	Upper
156	100		
77	227.9	103.3	309.8
158	97.5	45.4	136.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

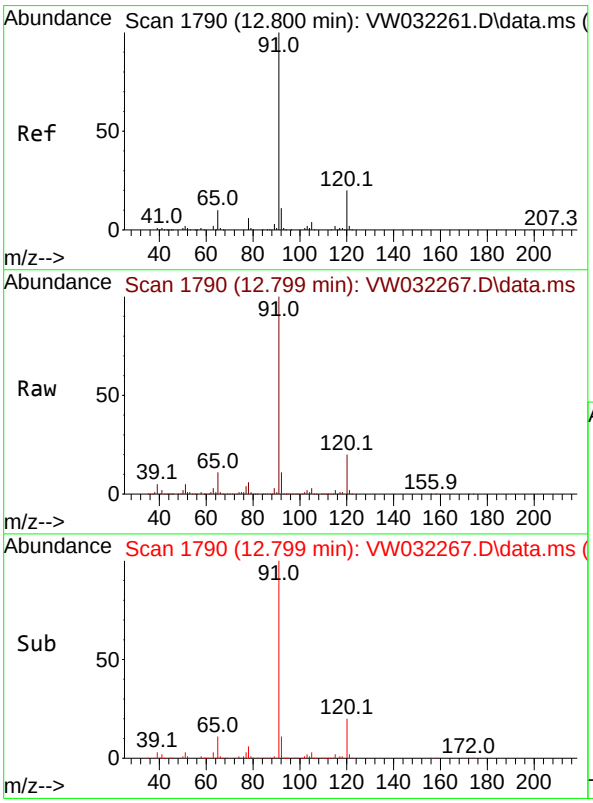
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Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

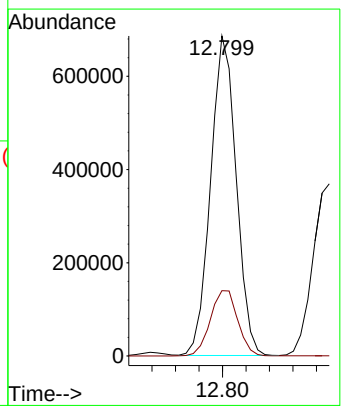
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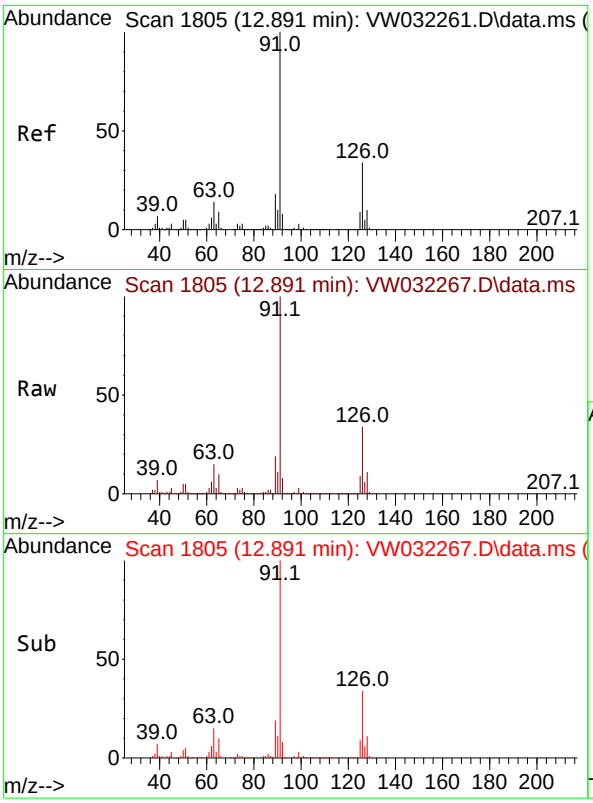


#78
n-propylbenzene
Concen: 51.938 ug/l
RT: 12.799 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 91 Resp: 1038146

Ion	Ratio	Lower	Upper
91	100		
120	21.9	10.9	32.9

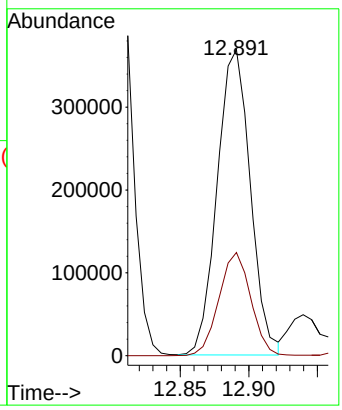




#79
2-Chlorotoluene
Concen: 51.255 ug/l
RT: 12.891 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 91 Resp: 62060

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

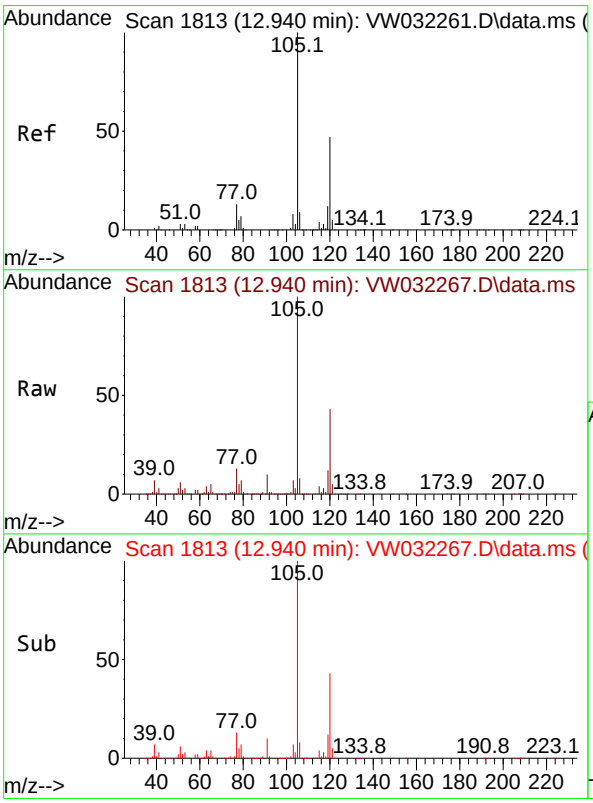
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

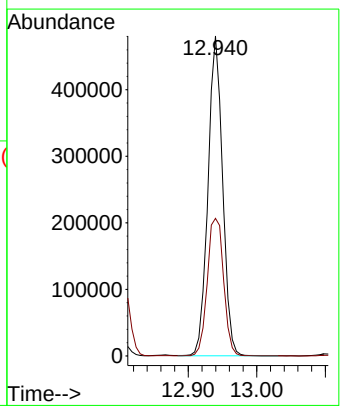
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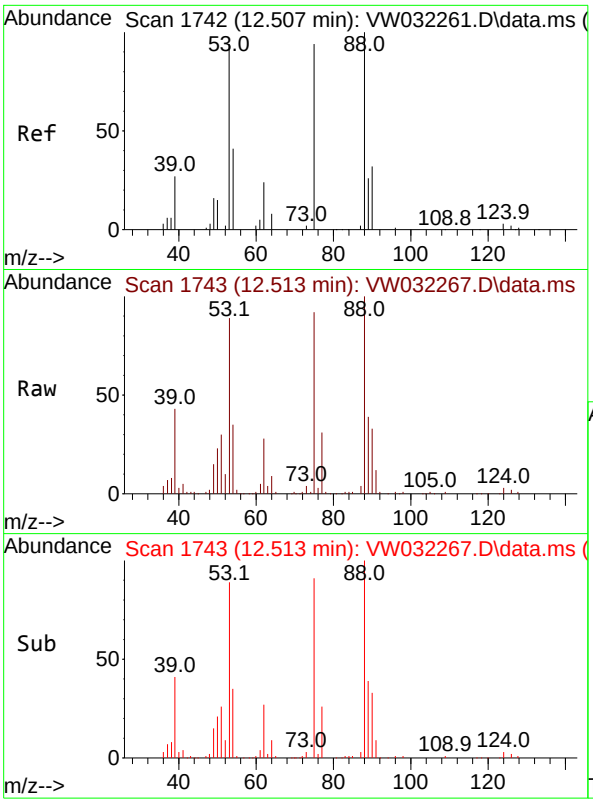


#80
1,3,5-Trimethylbenzene
Concen: 52.412 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:105 Resp: 713060

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.1	72.2

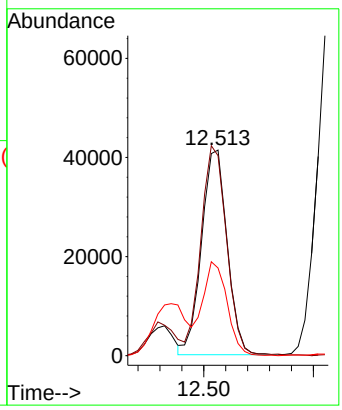




#81
trans-1,4-Dichloro-2-butene
Concen: 55.397 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 6708

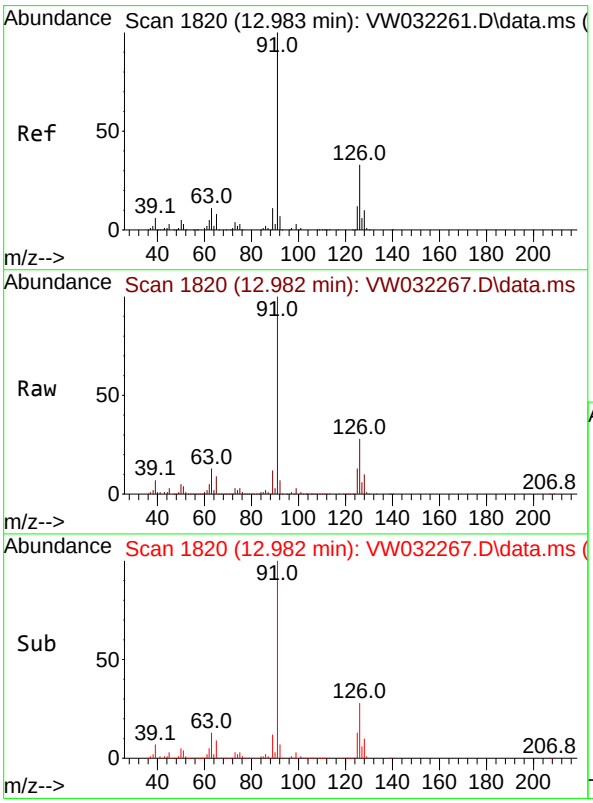
Ion	Ratio	Lower	Upper
75	100		
53	103.0	81.4	122.2
89	44.0	35.4	53.2



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

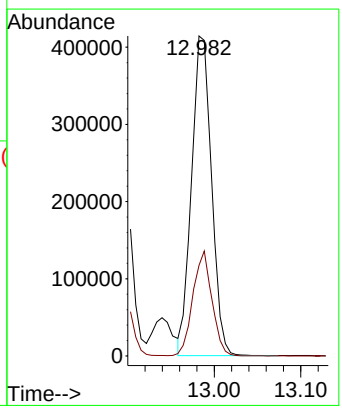
Reviewed By :Mahesh Dadoda
09/29/2025
Supervised By :Semsettin Yesilyurt
09/29/2025

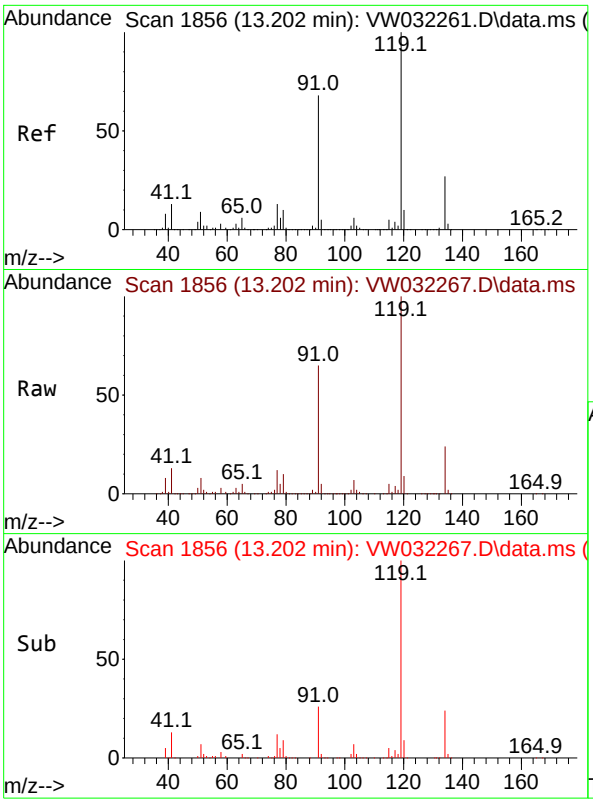


#82
4-Chlorotoluene
Concen: 51.786 ug/l
RT: 12.982 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 91 Resp: 662687

Ion	Ratio	Lower	Upper
91	100		
126	31.4	16.5	49.5

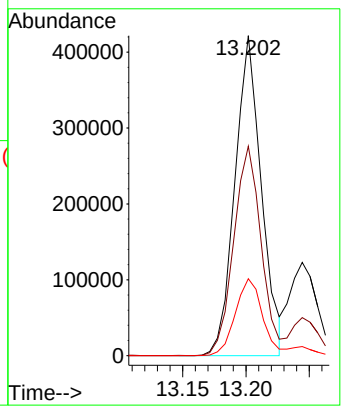




#83
tert-Butylbenzene
Concen: 54.015 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:119 Resp: 61458

Ion	Ratio	Lower	Upper
119	100		
91	67.5	35.5	106.5
134	24.9	13.5	40.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

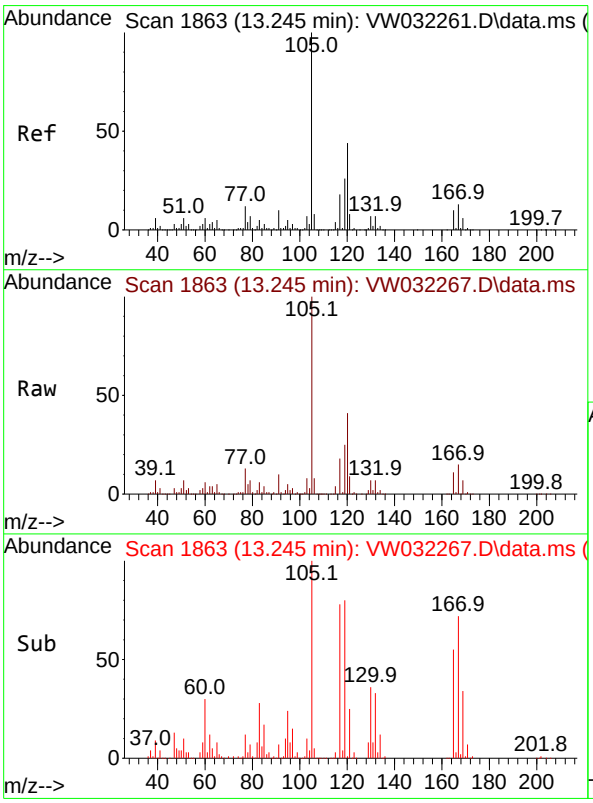
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

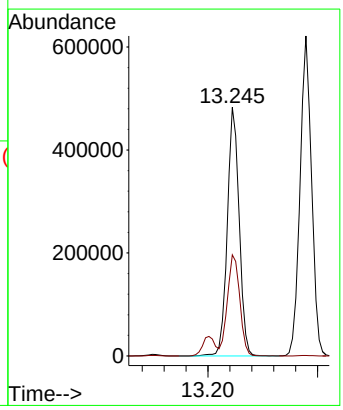
09/29/2025

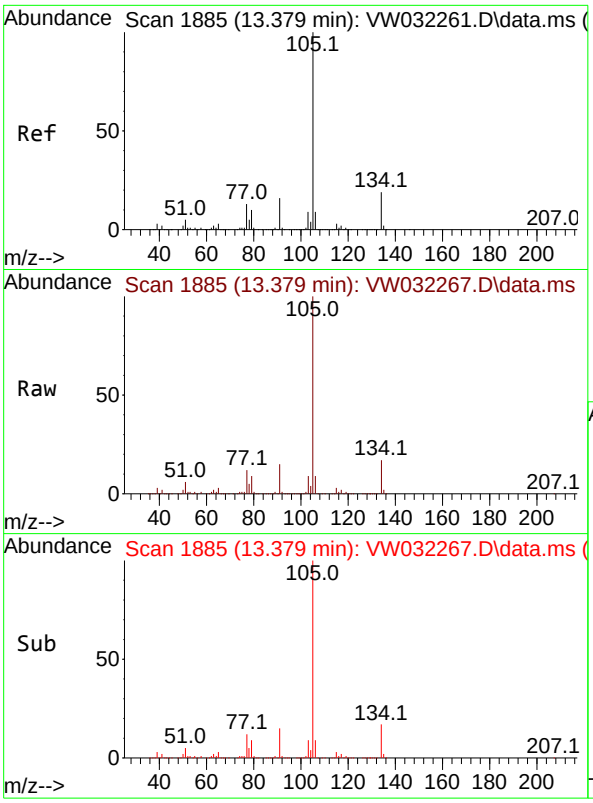


#84
1,2,4-Trimethylbenzene
Concen: 52.733 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:105 Resp: 728418

Ion	Ratio	Lower	Upper
105	100		
120	42.4	22.8	68.3

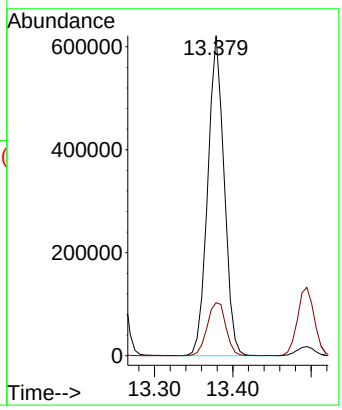




#85
sec-Butylbenzene
Concen: 52.732 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:105 Resp: 90098

Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.8	29.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

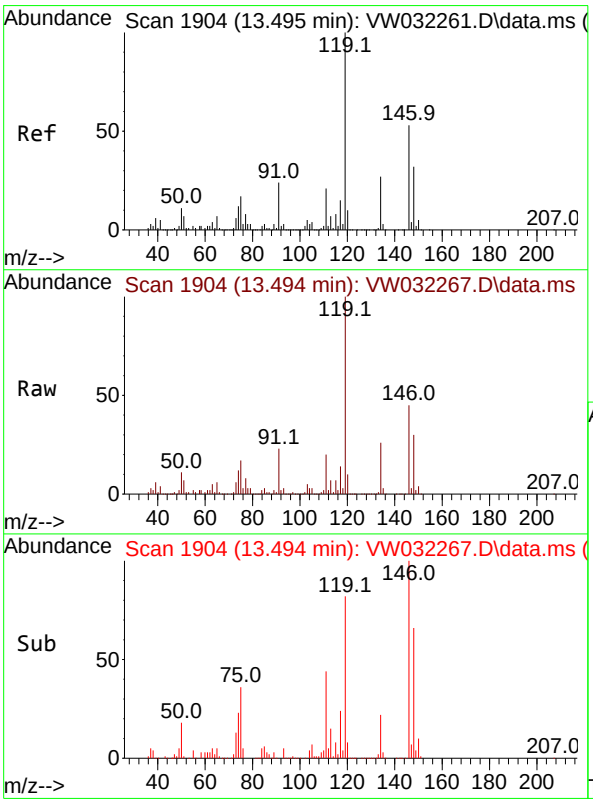
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

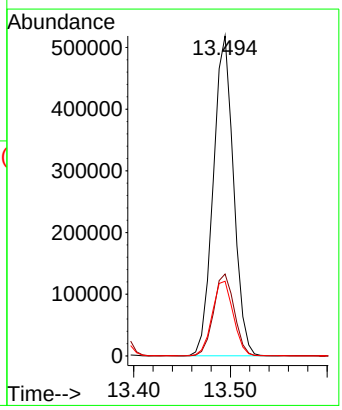
09/29/2025

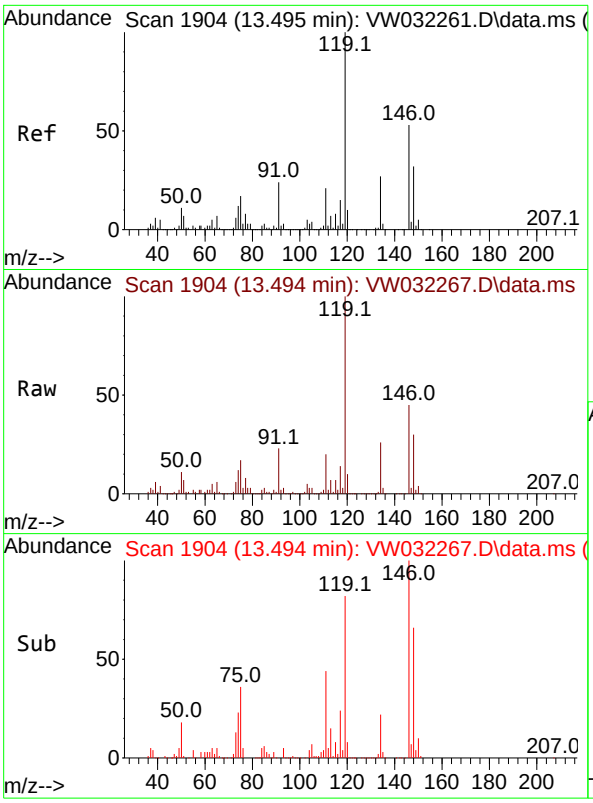


#86
p-Isopropyltoluene
Concen: 53.306 ug/l
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:119 Resp: 754293

Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.5	37.5
91	24.3	12.1	36.3

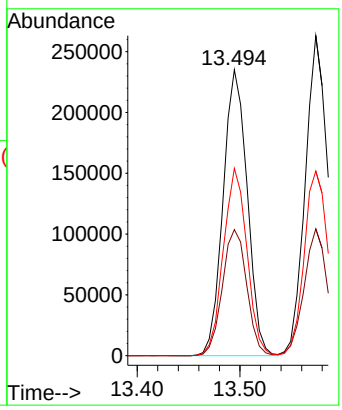




#87
1,3-Dichlorobenzene
Concen: 49.634 ug/l
RT: 13.494 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:146 Resp: 38426

Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.5
148	64.1	31.9	95.9



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

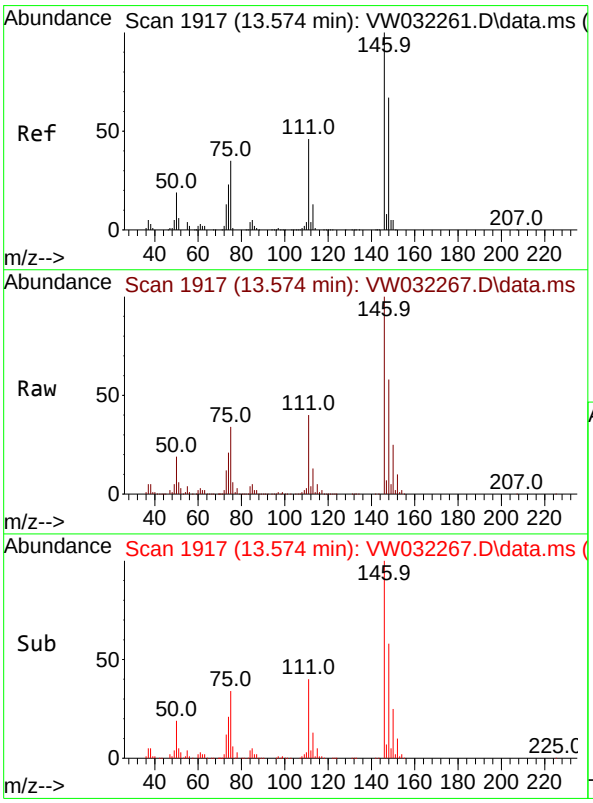
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

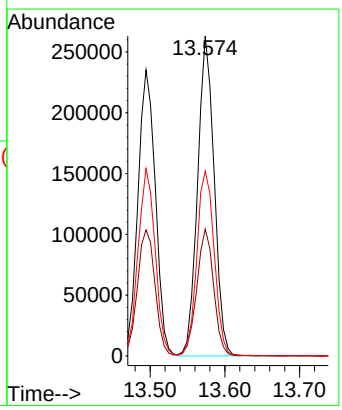
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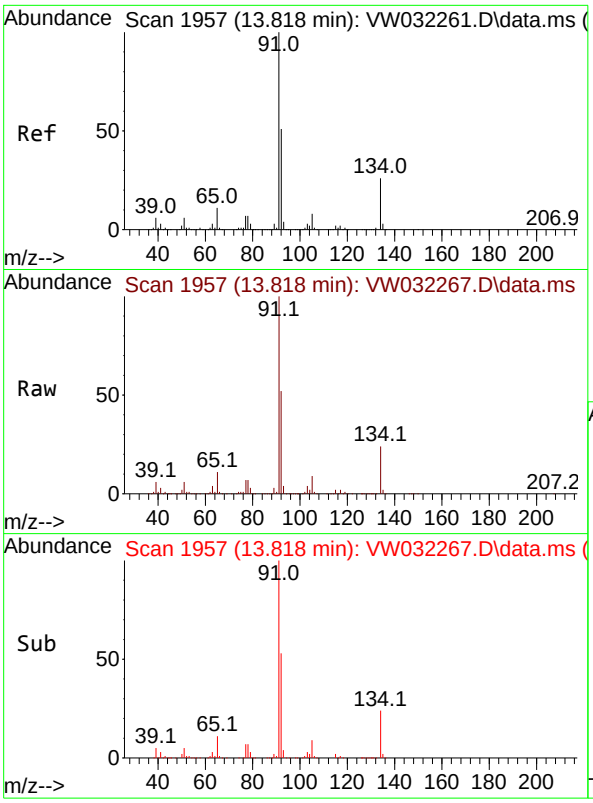


#88
1,4-Dichlorobenzene
Concen: 51.309 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:146 Resp: 405802

Ion	Ratio	Lower	Upper
146	100		
111	40.1	22.4	67.2
148	60.6	34.4	103.1

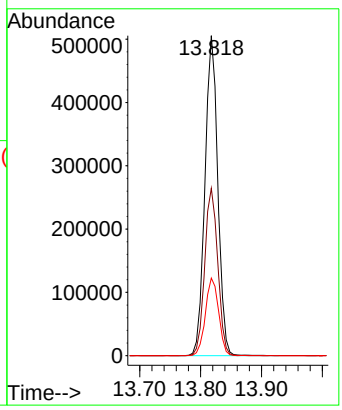




#89
n-Butylbenzene
Concen: 52.305 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 91 Resp: 74276

Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.7	80.1
134	24.9	12.3	36.8



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

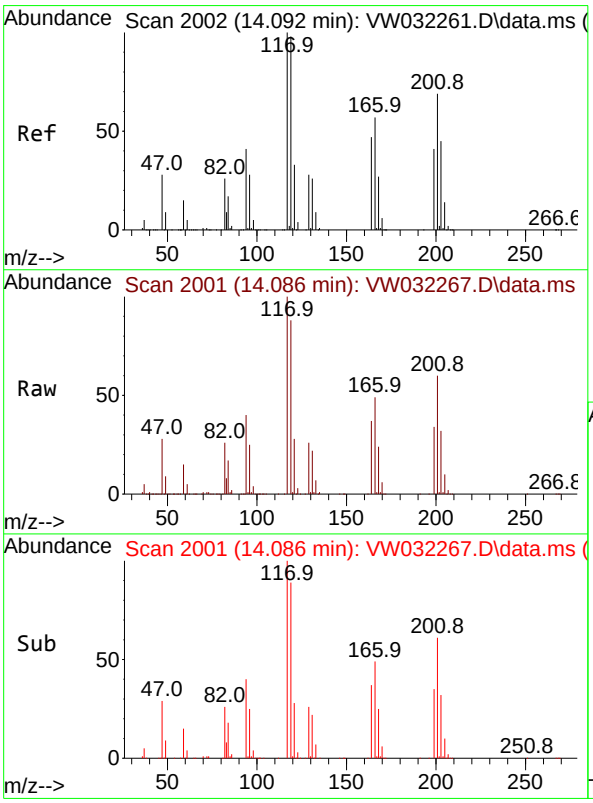
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

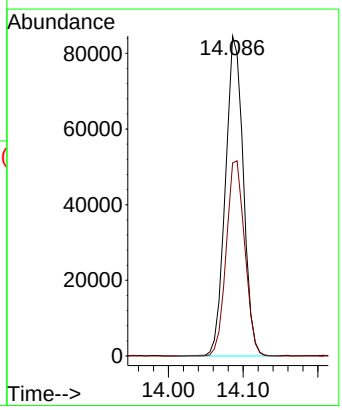
09/29/2025

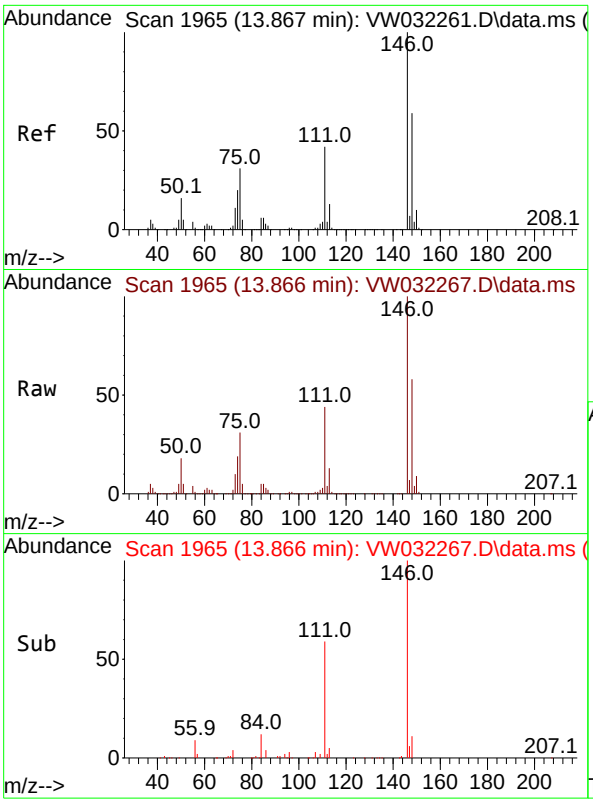


#90
Hexachloroethane
Concen: 53.334 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:117 Resp: 140658

Ion	Ratio	Lower	Upper
117	100		
201	63.2	31.4	94.0

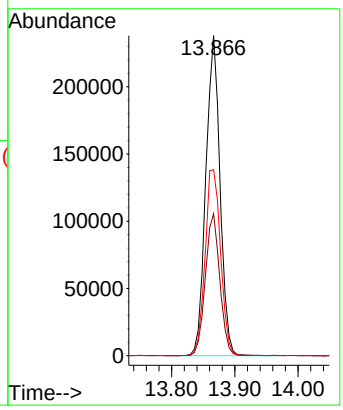




#91
1,2-Dichlorobenzene
Concen: 51.359 ug/l
RT: 13.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:146 Resp: 37195

Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.9	65.8
148	63.5	31.9	95.5



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

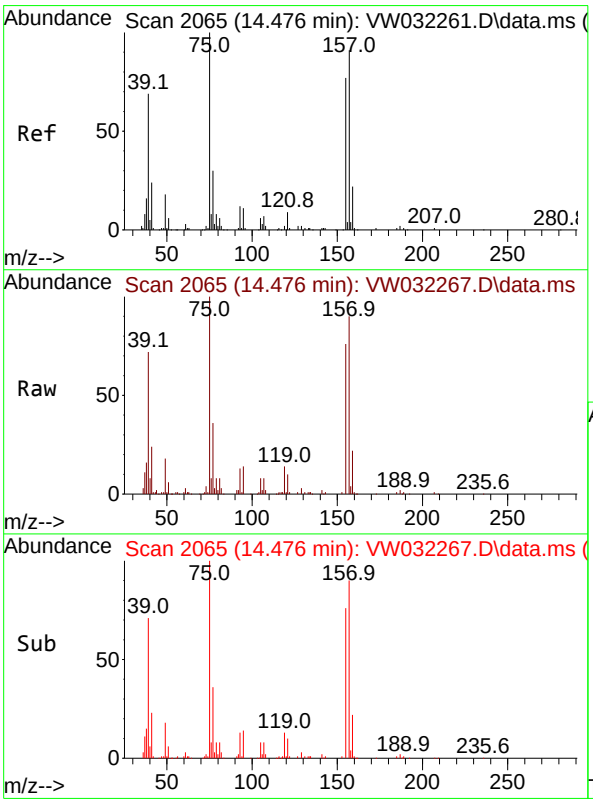
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

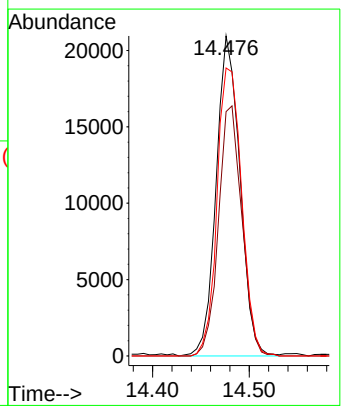
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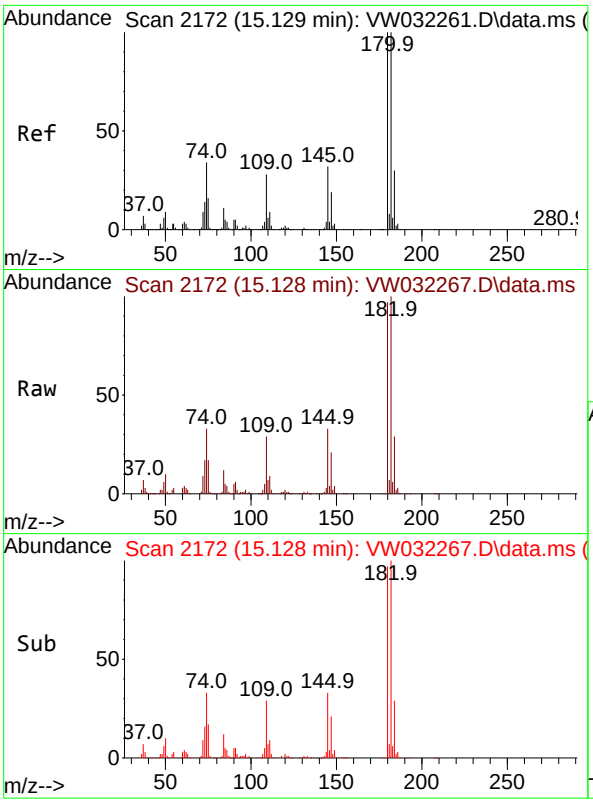


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.007 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion: 75 Resp: 35686

Ion	Ratio	Lower	Upper
75	100		
155	76.9	38.2	114.6
157	93.0	47.0	141.0

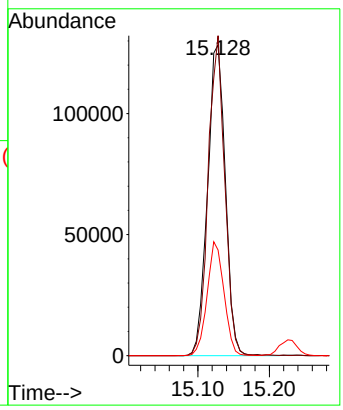




#93
1,2,4-Trichlorobenzene
Concen: 51.725 ug/l
RT: 15.128 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:180 Resp: 22224

Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.4	145.3
145	34.8	16.9	50.7



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

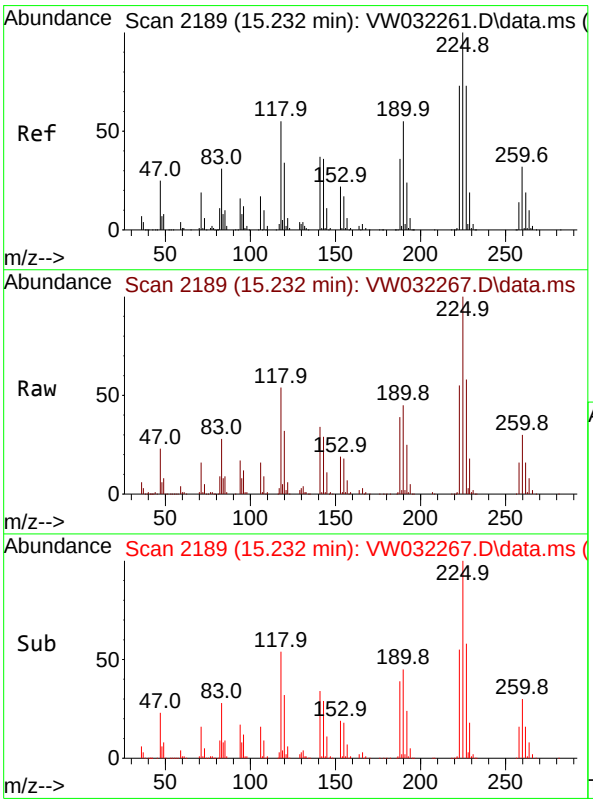
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

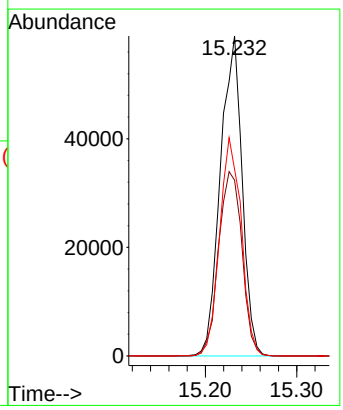
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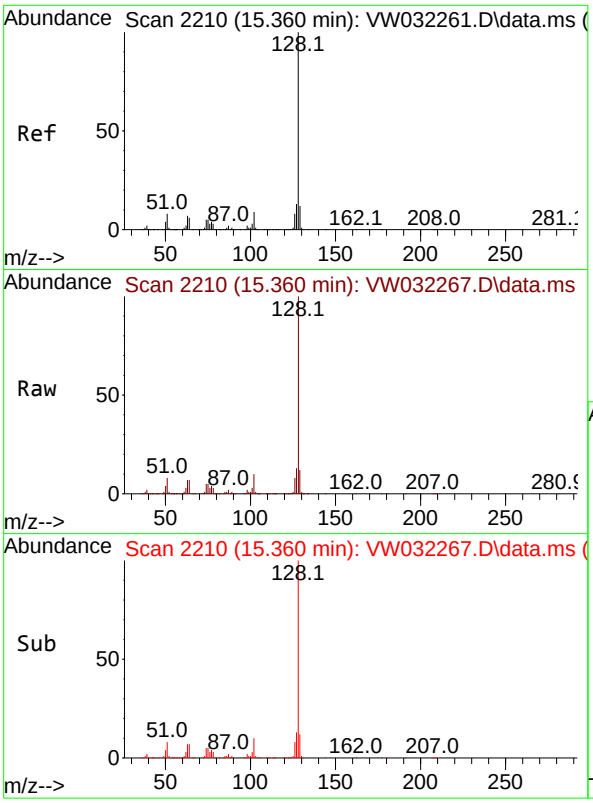


#94
Hexachlorobutadiene
Concen: 49.349 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:225 Resp: 97379

Ion	Ratio	Lower	Upper
225	100		
223	62.0	36.4	109.2
227	68.3	36.4	109.2

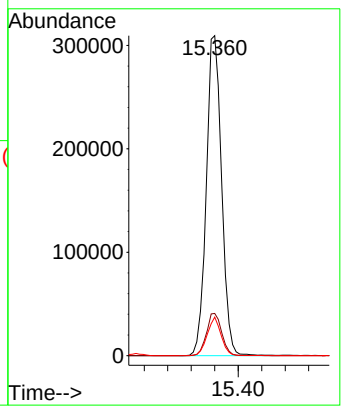




#95
Naphthalene
Concen: 54.183 ug/l
RT: 15.360 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:128 Resp: 55874

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	9.0	13.4



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

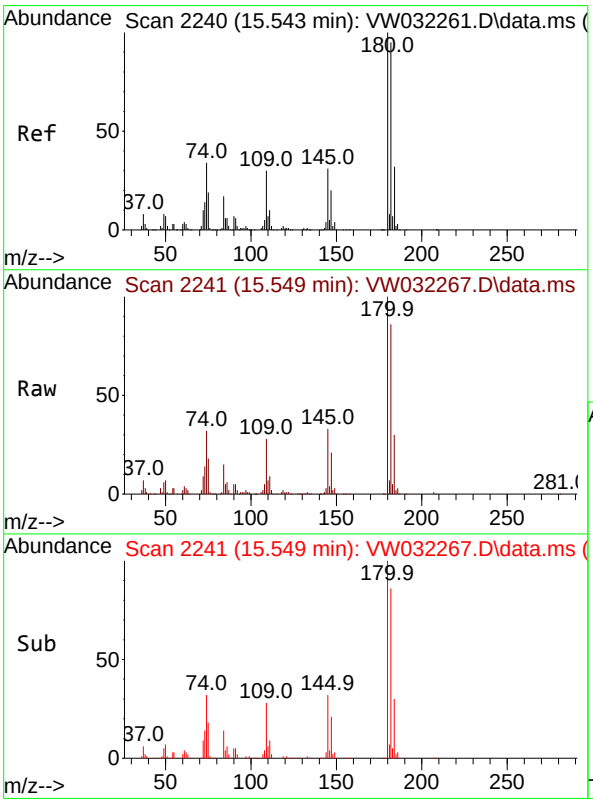
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda

09/29/2025

Supervised By :Semsettin Yesilyurt

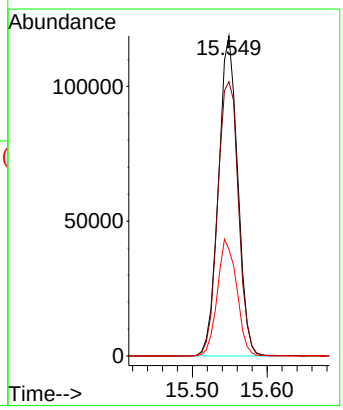
09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.266 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032267.D
Acq: 26 Sep 2025 08:43

Tgt Ion:180 Resp: 212802

Ion	Ratio	Lower	Upper
180	100		
182	92.5	45.5	136.4
145	36.7	18.1	54.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	0.345	0.315	8.7	111	0.00
3	P	Chloromethane	0.494	0.438	11.3	108	0.00
4	C	Vinyl Chloride	0.578	0.555	4.0#	107	0.00
5	T	Bromomethane	0.394	0.395	-0.3	112	0.00
6	T	Chloroethane	0.391	0.377	3.6	109	0.00
7	T	Trichlorofluoromethane	0.435	0.401	7.8	108	0.00
8	T	Diethyl Ether	0.412	0.402	2.4	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.556	0.542	2.5	107	0.00
10	T	Methyl Iodide	0.751	0.742	1.2	108	0.00
11	T	Tert butyl alcohol	0.055	0.058	-5.5	133	0.00
12	CM	1,1-Dichloroethene	0.594	0.586	1.3#	110	0.00
13	T	Acrolein	0.098	0.091	7.1	104	0.00
14	T	Allyl chloride	0.922	0.946	-2.6	112	0.00
15	T	Acrylonitrile	0.212	0.214	-0.9	118	0.00
16	T	Acetone	0.203	0.238	-17.2	151#	0.00
17	T	Carbon Disulfide	1.365	1.334	2.3	110	0.00
18	T	Methyl Acetate	0.697	0.786	-12.8	111	0.00
19	T	Methyl tert-butyl Ether	1.101	1.173	-6.5	114	0.00
20	T	Methylene Chloride	0.991	0.751	24.2	104	0.00
21	T	trans-1,2-Dichloroethene	0.640	0.631	1.4	108	0.00
22	T	Diisopropyl ether	2.048	2.116	-3.3	110	0.00
23	T	Vinyl Acetate	1.317	1.346	-2.2	115	0.00
24	P	1,1-Dichloroethane	1.293	1.260	2.6	106	0.00
25	T	2-Butanone	0.283	0.310	-9.5	128	0.00
26	T	2,2-Dichloropropane	0.637	0.644	-1.1	112	0.00
27	T	cis-1,2-Dichloroethene	0.796	0.787	1.1	107	0.00
28	T	Bromochloromethane	0.617	0.591	4.2	104	0.00
29	T	Tetrahydrofuran	0.183	0.189	-3.3	118	0.00
30	C	Chloroform	1.349	1.334	1.1#	108	0.00
31	T	Cyclohexane	1.019	0.965	5.3	110	0.00
32	T	1,1,1-Trichloroethane	0.909	0.907	0.2	108	0.00
33	S	1,2-Dichloroethane-d4	0.789	0.724	8.2	106	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35	S	Dibromofluoromethane	0.360	0.341	5.3	103	0.00
36	T	1,1-Dichloropropene	0.485	0.496	-2.3	107	0.00
37	T	Ethyl Acetate	0.322	0.336	-4.3	117	0.00
38	T	Carbon Tetrachloride	0.456	0.480	-5.3	112	0.00
39	T	Methylcyclohexane	0.561	0.587	-4.6	108	0.00
40	TM	Benzene	1.526	1.548	-1.4	107	0.00
41	T	Methacrylonitrile	0.184	0.196	-6.5	116	0.00
42	TM	1,2-Dichloroethane	0.507	0.502	1.0	108	0.00
43	T	Isopropyl Acetate	0.576	0.608	-5.6	116	0.00
44	TM	Trichloroethene	0.357	0.354	0.8	107	0.00
45	C	1,2-Dichloropropane	0.395	0.405	-2.5#	108	0.00
46	T	Dibromomethane	0.243	0.250	-2.9	112	0.00
47	T	Bromodichloromethane	0.554	0.568	-2.5	107	0.00
48	T	Methyl methacrylate	0.271	0.298	-10.0	116	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.004	-33.3#	113	0.00
50	S	Toluene-d8	1.296	1.232	4.9	103	0.00
51	T	4-Methyl-2-Pentanone	0.341	0.364	-6.7	118	0.00
52	CM	Toluene	0.946	0.950	-0.4#	106	0.00
53	T	t-1,3-Dichloropropene	0.508	0.554	-9.1	114	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.630	-7.5	112	0.00
55	T	1,1,2-Trichloroethane	0.332	0.338	-1.8	112	0.00
56	T	Ethyl methacrylate	0.437	0.482	-10.3	115	0.00
57	T	1,3-Dichloropropane	0.573	0.587	-2.4	108	0.00
58	T	2-Chloroethyl Vinyl ether	0.240	0.272	-13.3	113	0.00
59	T	2-Hexanone	0.233	0.261	-12.0	122	0.00
60	T	Dibromochloromethane	0.364	0.384	-5.5	109	0.00
61	T	1,2-Dibromoethane	0.314	0.325	-3.5	111	0.00
62	S	4-Bromofluorobenzene	0.489	0.478	2.2	104	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64	T	Tetrachloroethene	0.305	0.309	-1.3	104	0.00
65	PM	Chlorobenzene	1.152	1.180	-2.4	106	0.00
66	T	1,1,1,2-Tetrachloroethane	0.364	0.385	-5.8	109	0.00
67	C	Ethyl Benzene	1.885	2.019	-7.1#	109	0.00
68	T	m/p-Xylenes	0.723	0.761	-5.3	107	0.00
69	T	o-Xylene	0.679	0.719	-5.9	104	0.00
70	T	Styrene	1.191	1.306	-9.7	106	0.00
71	P	Bromoform	0.212	0.216	-1.9	104	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.480	3.625	-4.2	105	0.00
74	T	N-amyl acetate	1.096	1.169	-6.7	116	0.00
75	P	1,1,2,2-Tetrachloroethane	0.912	0.923	-1.2	112	0.00
76	T	1,2,3-Trichloropropane	0.688	0.664	3.5	107	0.00
77	T	Bromobenzene	0.856	0.852	0.5	99	0.00
78	T	n-propylbenzene	4.371	4.541	-3.9	104	0.00
79	T	2-Chlorotoluene	2.648	2.714	-2.5	105	0.00
80	T	1,3,5-Trimethylbenzene	2.975	3.119	-4.8	105	0.00
81	T	trans-1,4-Dichloro-2-butene	0.265	0.293	-10.6	116	0.00
82	T	4-Chlorotoluene	2.799	2.899	-3.6	106	0.00
83	T	tert-Butylbenzene	2.488	2.688	-8.0	110	0.00
84	T	1,2,4-Trimethylbenzene	3.021	3.186	-5.5	107	0.00
85	T	sec-Butylbenzene	3.737	3.941	-5.5	106	0.00
86	T	p-Isopropyltoluene	3.095	3.299	-6.6	104	0.00
87	T	1,3-Dichlorobenzene	1.693	1.681	0.7	104	0.00
88	T	1,4-Dichlorobenzene	1.730	1.775	-2.6	114	0.00
89	T	n-Butylbenzene	3.106	3.249	-4.6	105	0.00
90	T	Hexachloroethane	0.577	0.615	-6.6	114	0.00
91	T	1,2-Dichlorobenzene	1.584	1.627	-2.7	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.156	0.156	0.0	116	0.00
93	T	1,2,4-Trichlorobenzene	0.940	0.972	-3.4	108	0.00
94	T	Hexachlorobutadiene	0.432	0.426	1.4	116	0.00
95	T	Naphthalene	2.255	2.444	-8.4	113	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	0.874	0.931	-6.5	112	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	45.576	8.8	111	0.00
3	P	Chloromethane	50.000	44.322	11.4	108	0.00
4	C	Vinyl Chloride	50.000	48.067	3.9#	107	0.00
5	T	Bromomethane	50.000	50.011	-0.0	112	0.00
6	T	Chloroethane	50.000	48.114	3.8	109	0.00
7	T	Trichlorofluoromethane	50.000	46.018	8.0	108	0.00
8	T	Diethyl Ether	50.000	48.826	2.3	113	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.823	2.4	107	0.00
10	T	Methyl Iodide	50.000	49.342	1.3	108	0.00
11	T	Tert butyl alcohol	250.000	265.562	-6.2	133	0.00
12	CM	1,1-Dichloroethene	50.000	49.337	1.3#	110	0.00
13	T	Acrolein	250.000	232.516	7.0	104	0.00
14	T	Allyl chloride	50.000	51.303	-2.6	112	0.00
15	T	Acrylonitrile	250.000	252.193	-0.9	118	0.00
16	T	Acetone	250.000	293.532	-17.4	151	0.00
17	T	Carbon Disulfide	50.000	48.865	2.3	110	0.00
18	T	Methyl Acetate	50.000	56.380	-12.8	111	0.00
19	T	Methyl tert-butyl Ether	50.000	53.259	-6.5	114	0.00
20	T	Methylene Chloride	50.000	51.435	-2.9	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.239	1.5	108	0.00
22	T	Diisopropyl ether	50.000	51.674	-3.3	110	0.00
23	T	Vinyl Acetate	250.000	255.497	-2.2	115	0.00
24	P	1,1-Dichloroethane	50.000	48.739	2.5	106	0.00
25	T	2-Butanone	250.000	274.343	-9.7	128	0.00
26	T	2,2-Dichloropropane	50.000	50.540	-1.1	112	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.422	1.2	107	0.00
28	T	Bromochloromethane	50.000	47.894	4.2	104	0.00
29	T	Tetrahydrofuran	250.000	256.896	-2.8	118	0.00
30	C	Chloroform	50.000	49.446	1.1#	108	0.00
31	T	Cyclohexane	50.000	47.339	5.3	110	0.00
32	T	1,1,1-Trichloroethane	50.000	49.916	0.2	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.856	8.3	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35	S	Dibromofluoromethane	50.000	47.413	5.2	103	0.00
36	T	1,1-Dichloropropene	50.000	51.207	-2.4	107	0.00
37	T	Ethyl Acetate	50.000	52.286	-4.6	117	0.00
38	T	Carbon Tetrachloride	50.000	52.620	-5.2	112	0.00
39	T	Methylcyclohexane	50.000	52.366	-4.7	108	0.00
40	TM	Benzene	50.000	50.718	-1.4	107	0.00
41	T	Methacrylonitrile	50.000	53.104	-6.2	116	0.00
42	TM	1,2-Dichloroethane	50.000	49.441	1.1	108	0.00
43	T	Isopropyl Acetate	50.000	52.858	-5.7	116	0.00
44	TM	Trichloroethene	50.000	49.641	0.7	107	0.00
45	C	1,2-Dichloropropane	50.000	51.180	-2.4#	108	0.00
46	T	Dibromomethane	50.000	51.498	-3.0	112	0.00
47	T	Bromodichloromethane	50.000	51.267	-2.5	107	0.00
48	T	Methyl methacrylate	50.000	54.975	-10.0	116	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	1081.815	-8.2	113	0.00
50	S	Toluene-d8	50.000	47.526	4.9	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.913	-6.8	118	0.00
52	CM	Toluene	50.000	50.245	-0.5#	106	0.00
53	T	t-1,3-Dichloropropene	50.000	54.570	-9.1	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.737	-7.5	112	0.00
55	T	1,1,2-Trichloroethane	50.000	50.952	-1.9	112	0.00
56	T	Ethyl methacrylate	50.000	55.192	-10.4	115	0.00
57	T	1,3-Dichloropropane	50.000	51.235	-2.5	108	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.551	-13.4	113	0.00
59	T	2-Hexanone	250.000	280.431	-12.2	122	0.00
60	T	Dibromochloromethane	50.000	52.698	-5.4	109	0.00
61	T	1,2-Dibromoethane	50.000	51.758	-3.5	111	0.00
62	S	4-Bromofluorobenzene	50.000	48.917	2.2	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	50.781	-1.6	104	0.00
65	PM	Chlorobenzene	50.000	51.224	-2.4	106	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.879	-5.8	109	0.00
67	C	Ethyl Benzene	50.000	53.548	-7.1#	109	0.00
68	T	m/p-Xylenes	100.000	105.367	-5.4	107	0.00
69	T	o-Xylene	50.000	52.914	-5.8	104	0.00
70	T	Styrene	50.000	54.832	-9.7	106	0.00
71	P	Bromoform	50.000	50.796	-1.6	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	107	0.00
73	T	Isopropylbenzene	50.000	52.083	-4.2	105	0.00
74	T	N-amyl acetate	50.000	53.325	-6.7	116	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.585	-1.2	112	0.00
76	T	1,2,3-Trichloropropane	50.000	48.290	3.4	107	0.00
77	T	Bromobenzene	50.000	49.739	0.5	99	0.00
78	T	n-propylbenzene	50.000	51.938	-3.9	104	0.00
79	T	2-Chlorotoluene	50.000	51.255	-2.5	105	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.412	-4.8	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.397	-10.8	116	0.00
82	T	4-Chlorotoluene	50.000	51.786	-3.6	106	0.00
83	T	tert-Butylbenzene	50.000	54.015	-8.0	110	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.733	-5.5	107	0.00
85	T	sec-Butylbenzene	50.000	52.732	-5.5	106	0.00
86	T	p-Isopropyltoluene	50.000	53.306	-6.6	104	0.00
87	T	1,3-Dichlorobenzene	50.000	49.634	0.7	104	0.00
88	T	1,4-Dichlorobenzene	50.000	51.309	-2.6	114	0.00
89	T	n-Butylbenzene	50.000	52.305	-4.6	105	0.00
90	T	Hexachloroethane	50.000	53.334	-6.7	114	0.00
91	T	1,2-Dichlorobenzene	50.000	51.359	-2.7	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.007	-0.0	116	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.725	-3.5	108	0.00
94	T	Hexachlorobutadiene	50.000	49.349	1.3	116	0.00
95	T	Naphthalene	50.000	54.183	-8.4	113	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032267.D
Acq On : 26 Sep 2025 08:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
LabSampleId :
VSTDCCC050

Quant Time: Sep 27 04:30:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 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	53.266	-6.5	112	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6

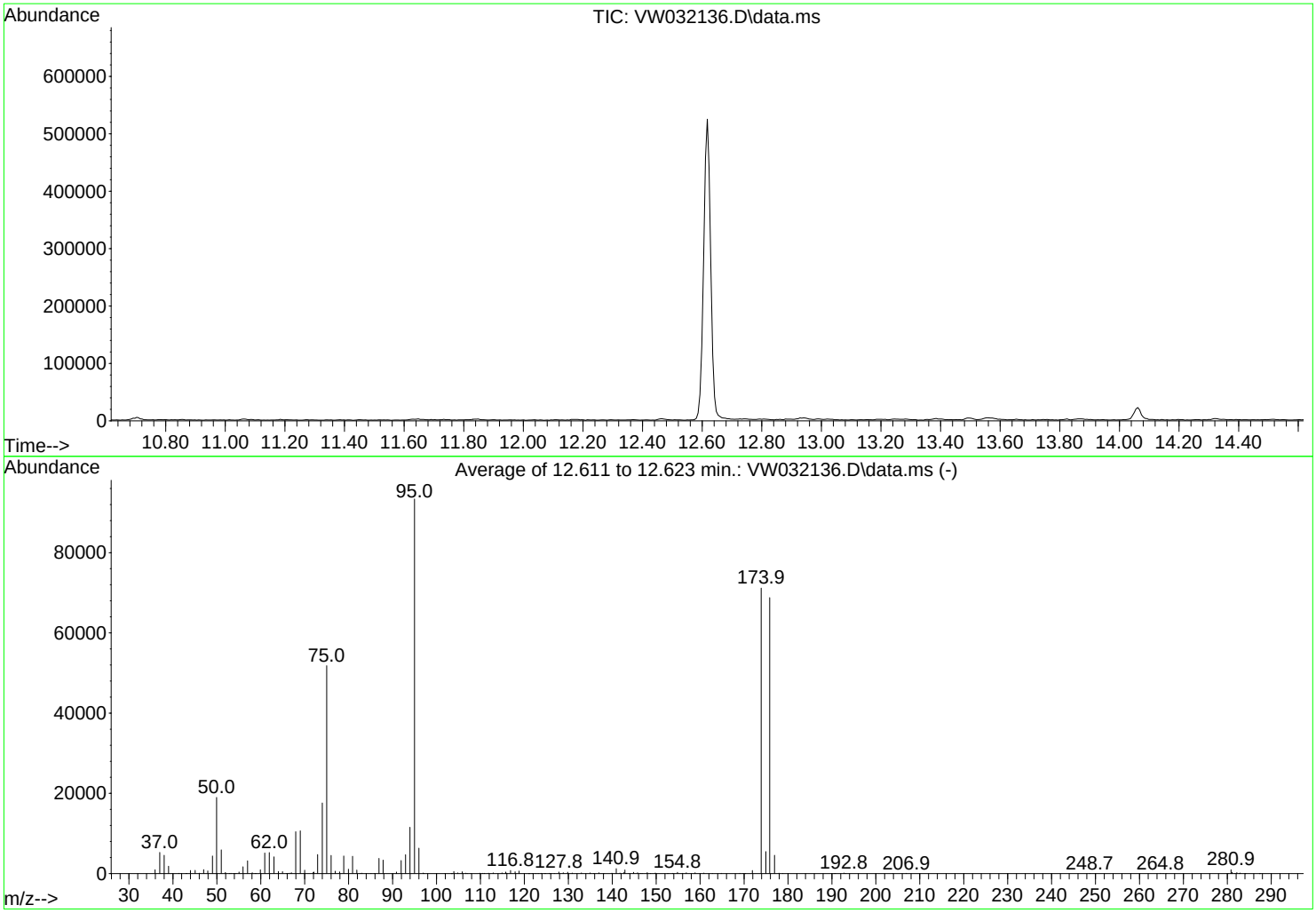
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082625\
Data File : VW032136.D
Acq On : 26 Aug 2025 08:38
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260
Last Update : Wed Aug 27 04:13:40 2025



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1751

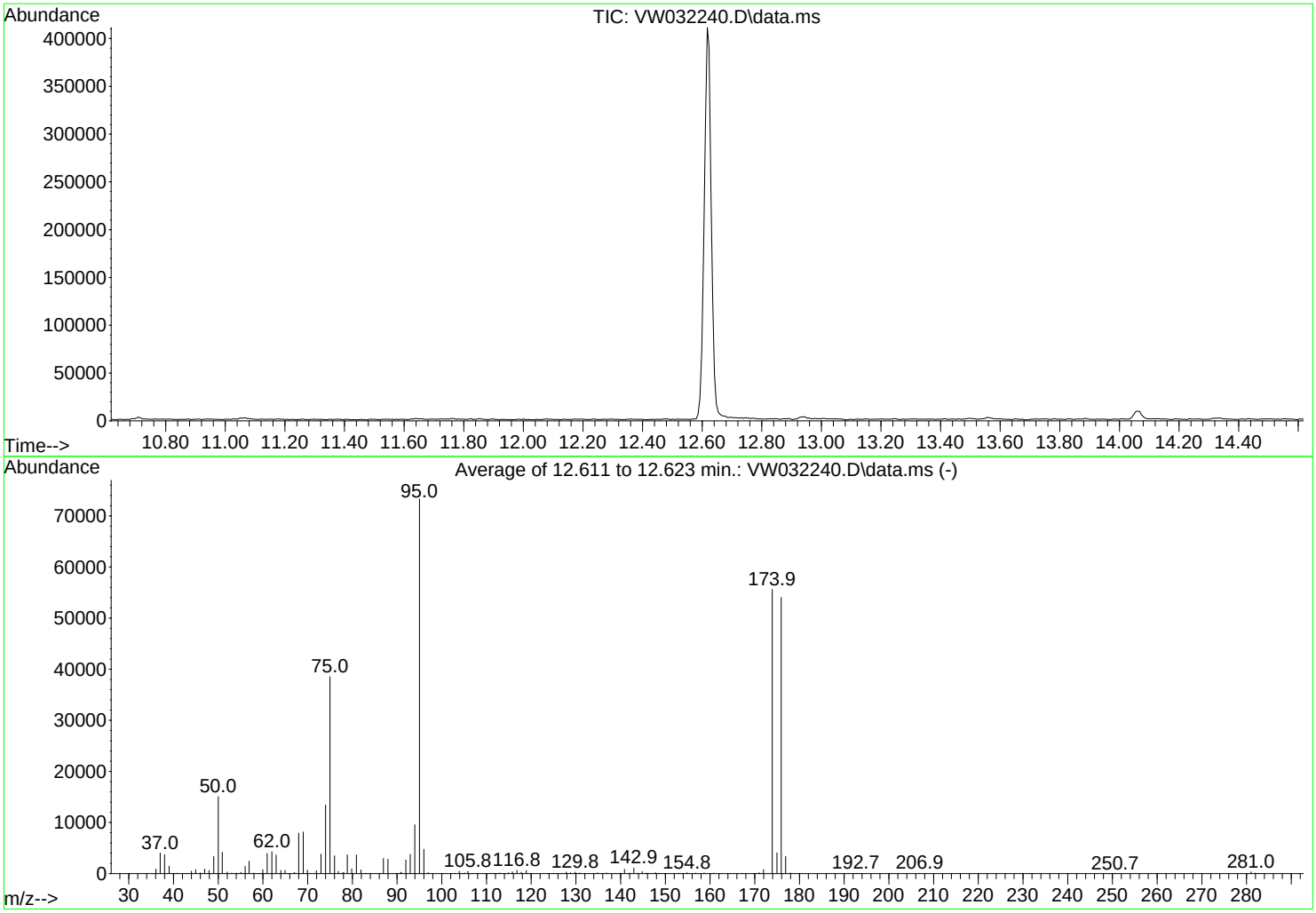
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	18996	PASS
75	95	30	60	55.5	51824	PASS
95	95	100	100	100.0	93381	PASS
96	95	5	9	6.8	6324	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.2	71157	PASS
175	174	5	9	7.7	5501	PASS
176	174	95	101	96.7	68787	PASS
177	176	5	9	6.6	4557	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032240.D
Acq On : 24 Sep 2025 12:29
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260
Last Update : Wed Aug 27 04:13:40 2025



AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1751

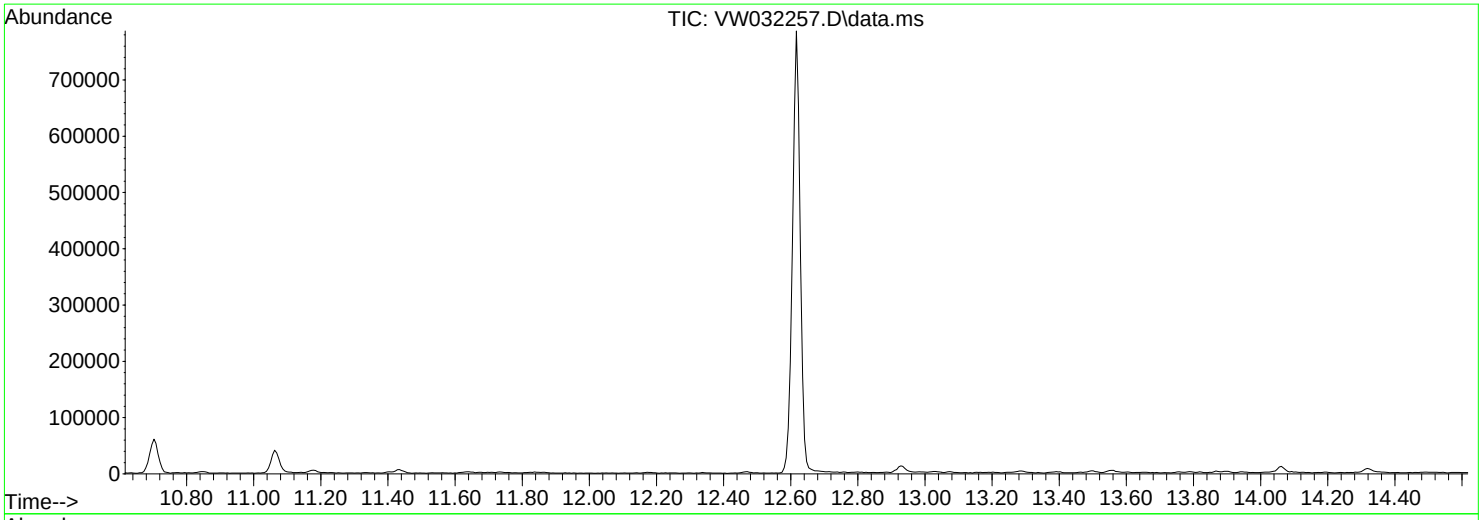
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.5	15061	PASS
75	95	30	60	52.6	38539	PASS
95	95	100	100	100.0	73309	PASS
96	95	5	9	6.5	4763	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	75.9	55619	PASS
175	174	5	9	7.3	4070	PASS
176	174	95	101	97.2	54048	PASS
177	176	5	9	6.2	3357	PASS

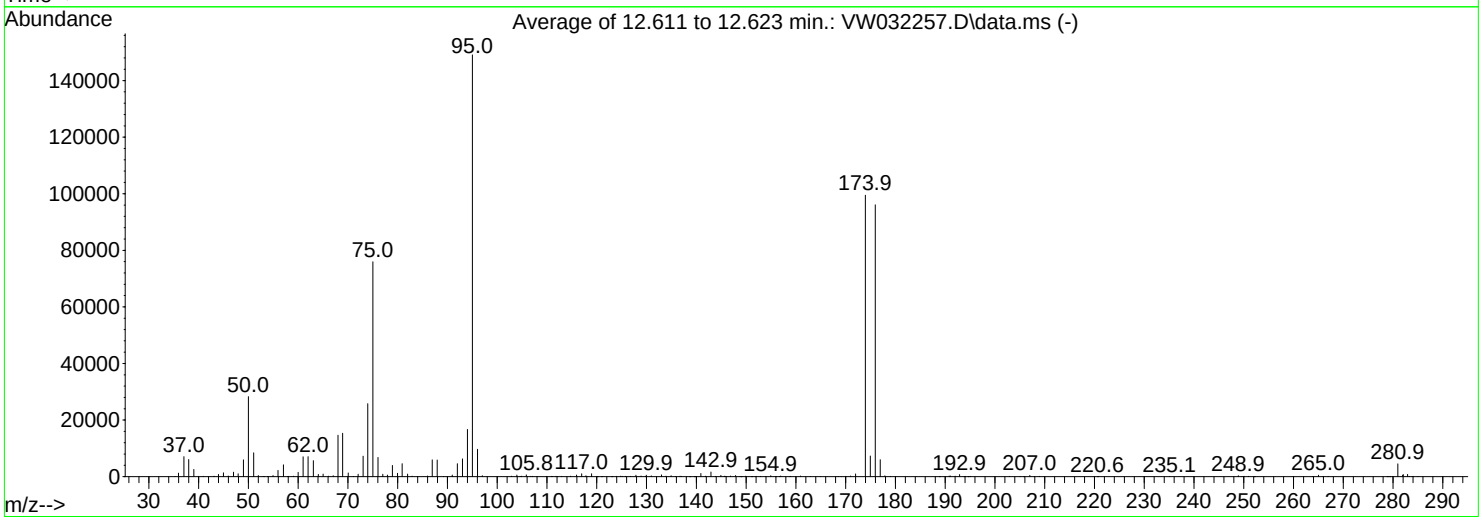
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092525\
Data File : VW032257.D
Acq On : 25 Sep 2025 10:01
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Title : SW846 8260
Last Update : Fri Sep 26 07:11:42 2025





AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1750

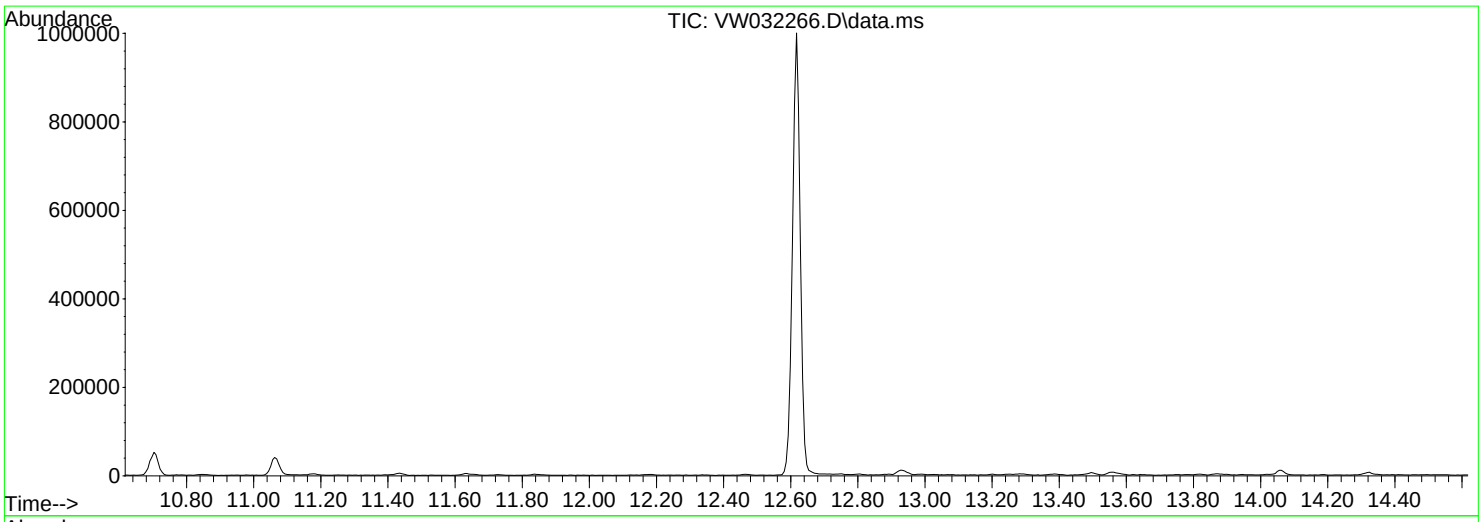
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	28296	PASS
75	95	30	60	51.0	75976	PASS
95	95	100	100	100.0	149099	PASS
96	95	5	9	6.5	9671	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.7	99464	PASS
175	174	5	9	7.4	7318	PASS
176	174	95	101	96.6	96075	PASS
177	176	5	9	6.2	5983	PASS

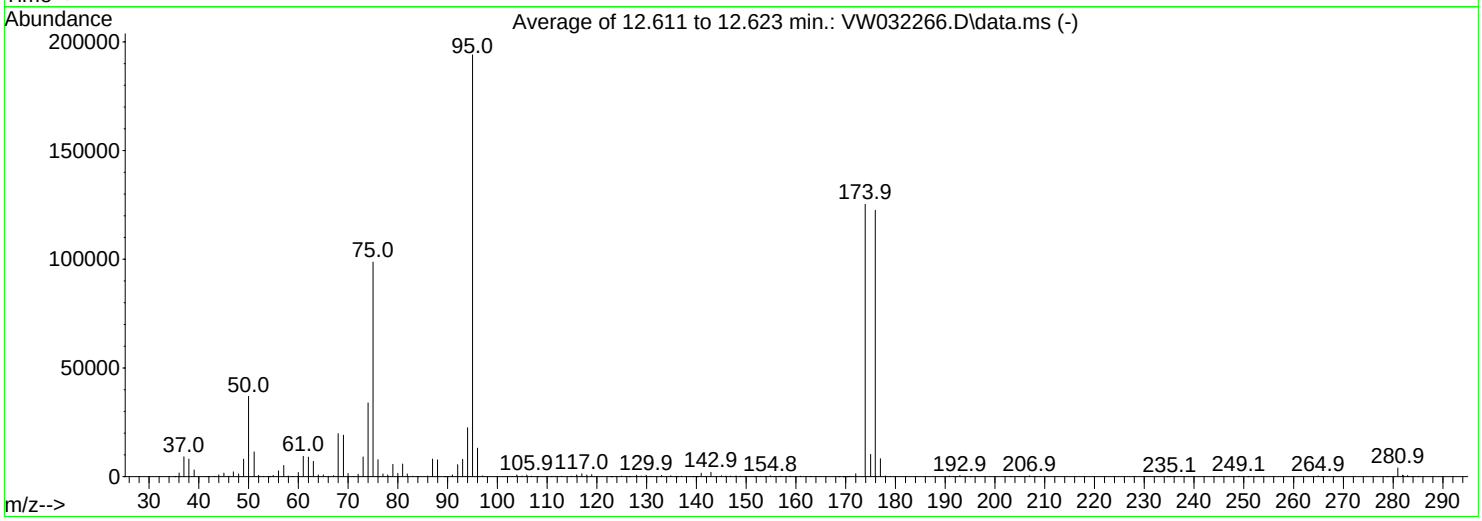
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032266.D
Acq On : 26 Sep 2025 08:13
Operator : SY/MD
Sample : BFB
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Title : SW846 8260
Last Update : Fri Sep 26 07:11:42 2025





AutoFind: Scans 1759, 1760, 1761; Background Corrected with Scan 1750

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.0	36931	PASS
75	95	30	60	50.9	98688	PASS
95	95	100	100	100.0	194027	PASS
96	95	5	9	6.7	13073	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	64.6	125301	PASS
175	174	5	9	8.2	10245	PASS
176	174	95	101	97.8	122568	PASS
177	176	5	9	6.8	8275	PASS

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0924SBL01	SDG No.:	Q3178
Lab Sample ID:	VW0924SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032242.D	1	09/24/25 14:37	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0924SBL01	SDG No.:	Q3178
Lab Sample ID:	VW0924SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032242.D	1	09/24/25 14:37	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.3		63 - 155	117%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6		70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	52.4		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.4		17 - 146	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	147000	7.959			
540-36-3	1,4-Difluorobenzene	291000	8.855			
3114-55-4	Chlorobenzene-d5	291000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.556			

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0924SBL01	SDG No.:	Q3178
Lab Sample ID:	VW0924SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032242.D	1	09/24/25 14:37	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_W\Data\VW092425\
Data File : VW032242.D
Acq On : 24 Sep 2025 14:37
Operator : SY/MD
Sample : VW0924SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Quant Time: Sep 25 05:04:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	147112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	291148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	291337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	144992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	122684	58.313	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 116.620%			
35) Dibromofluoromethane	7.898	113	111562	54.616	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 109.240%			
50) Toluene-d8	10.331	98	375464	52.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 104.720%			
62) 4-Bromofluorobenzene	12.617	95	122985	46.381	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 92.760%			

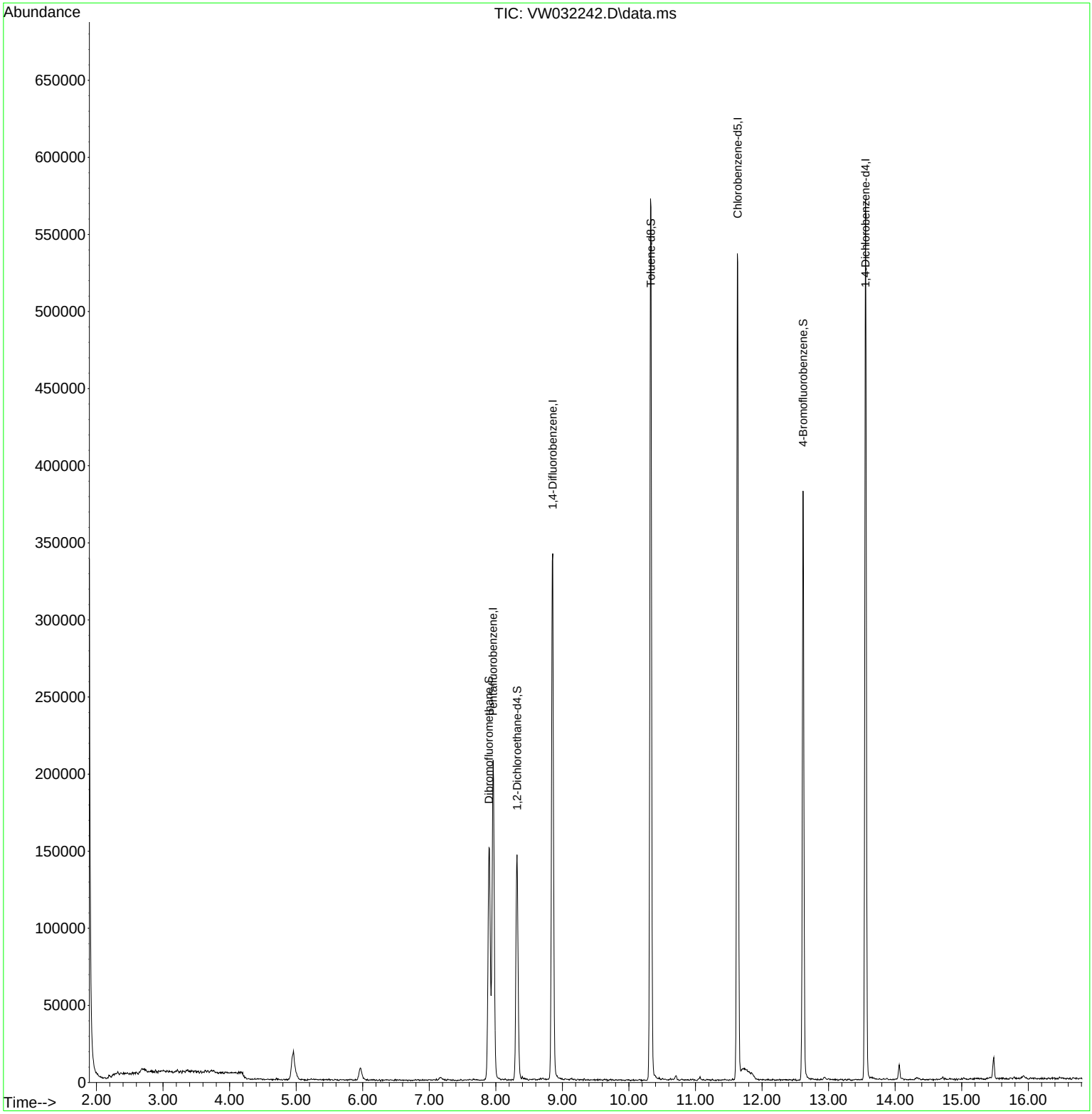
Target Compounds Qvalue

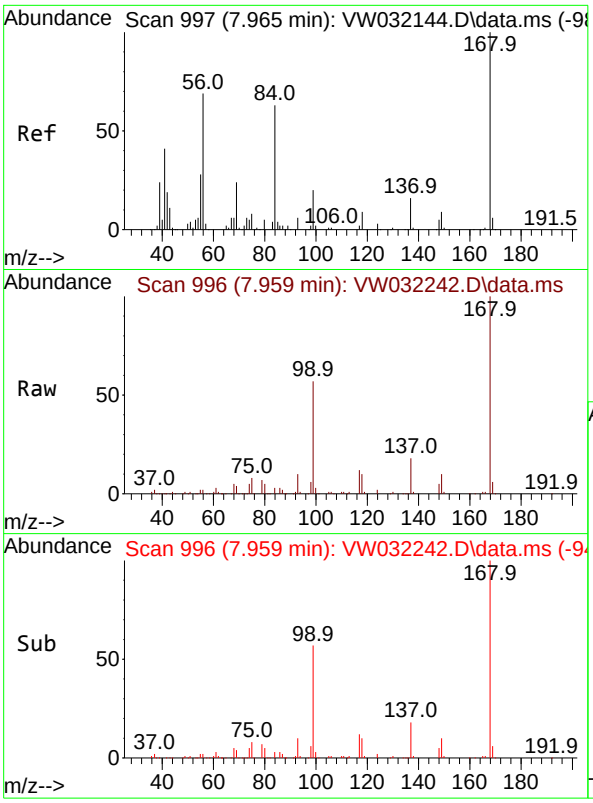
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032242.D
Acq On : 24 Sep 2025 14:37
Operator : SY/MD
Sample : VW0924SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Quant Time: Sep 25 05:04:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration



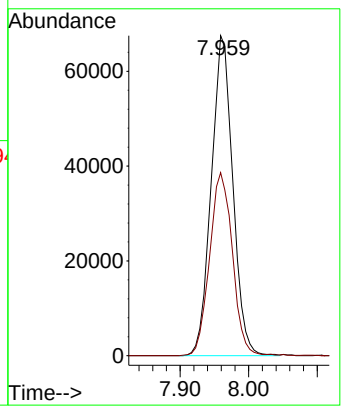


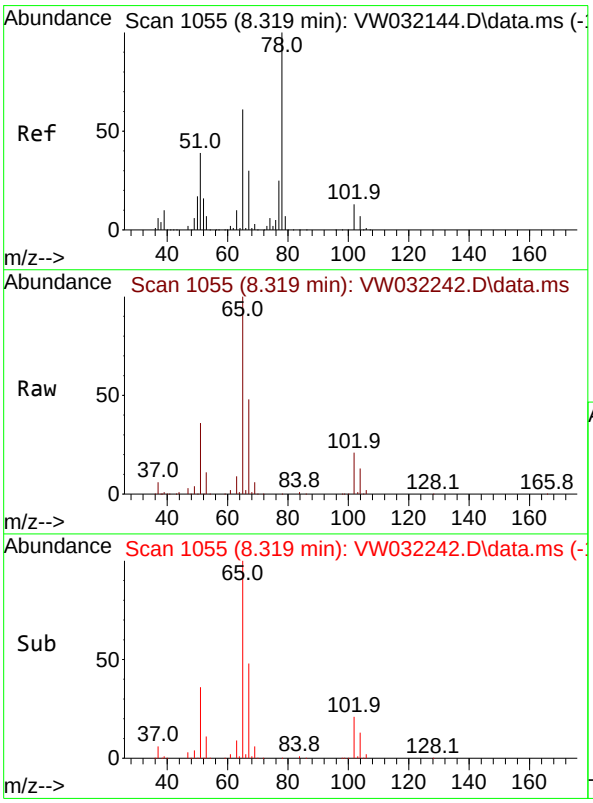
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Tgt Ion:168 Resp: 147112

Ion	Ratio	Lower	Upper
168	100		
99	57.2	49.3	73.9

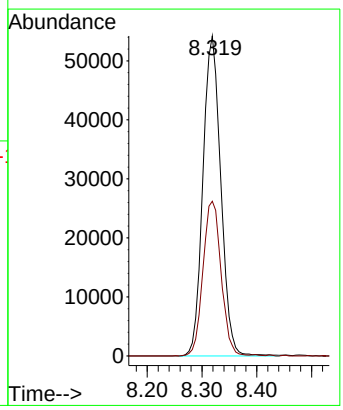


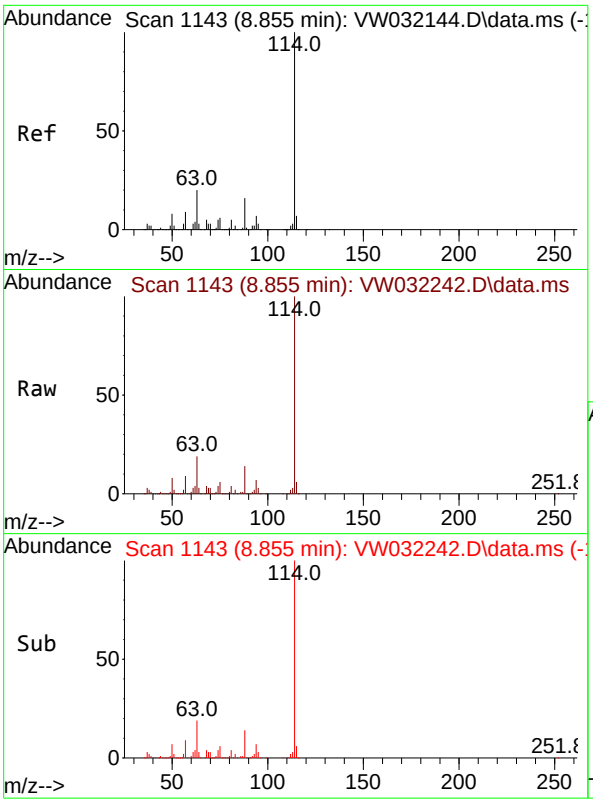


#33
1,2-Dichloroethane-d4
Concen: 58.313 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Tgt Ion: 65 Resp: 122684

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.6



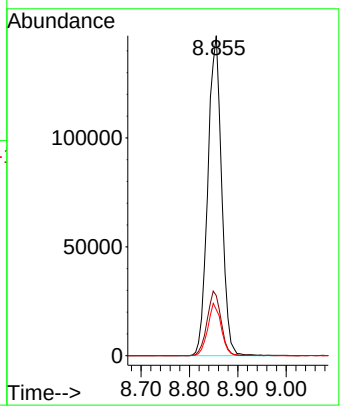


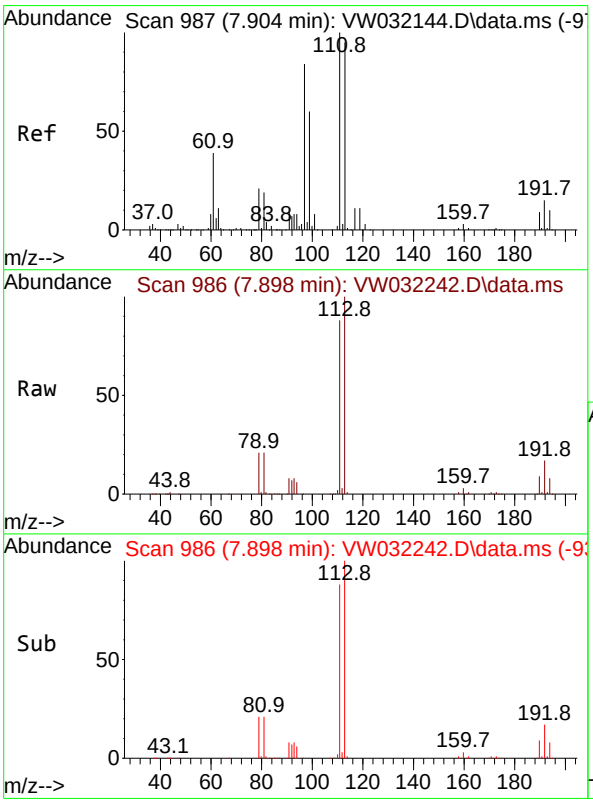
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Tgt Ion:114 Resp: 291148

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.4
88	14.4	0.0	32.0

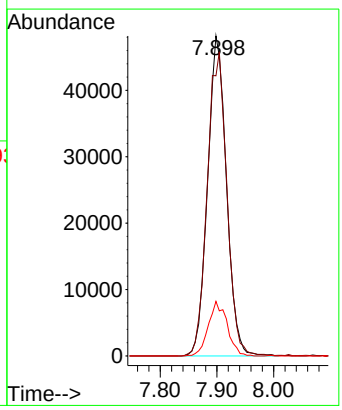


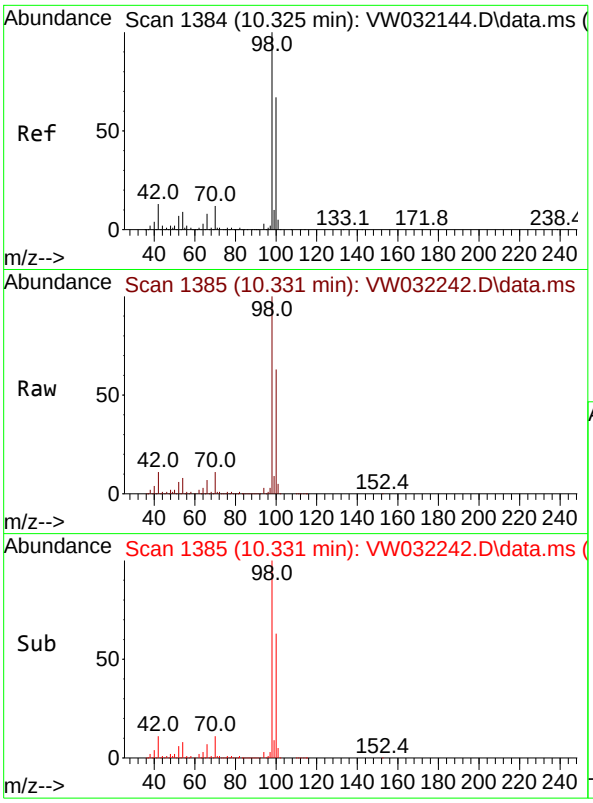


#35
Dibromofluoromethane
Concen: 54.616 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Tgt Ion:113 Resp: 111562

Ion	Ratio	Lower	Upper
113	100		
111	98.9	83.9	125.9
192	17.0	14.6	21.8



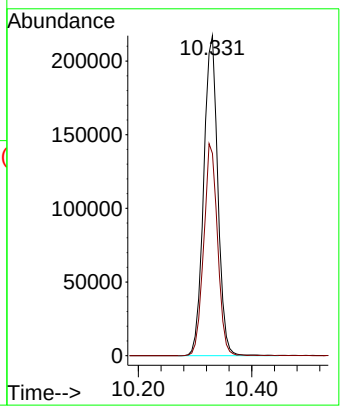


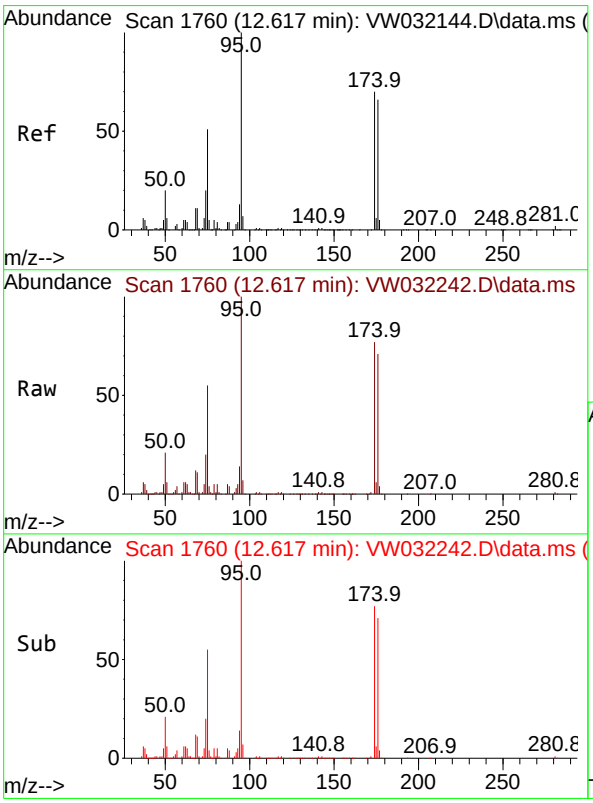
#50
Toluene-d8
Concen: 52.360 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Tgt Ion: 98 Resp: 375464

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.4	77.2

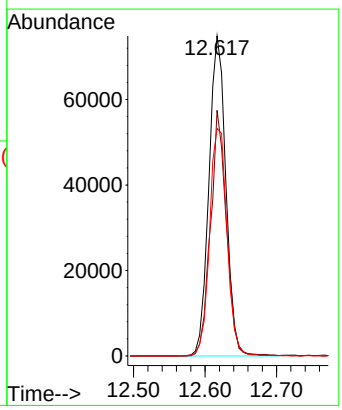


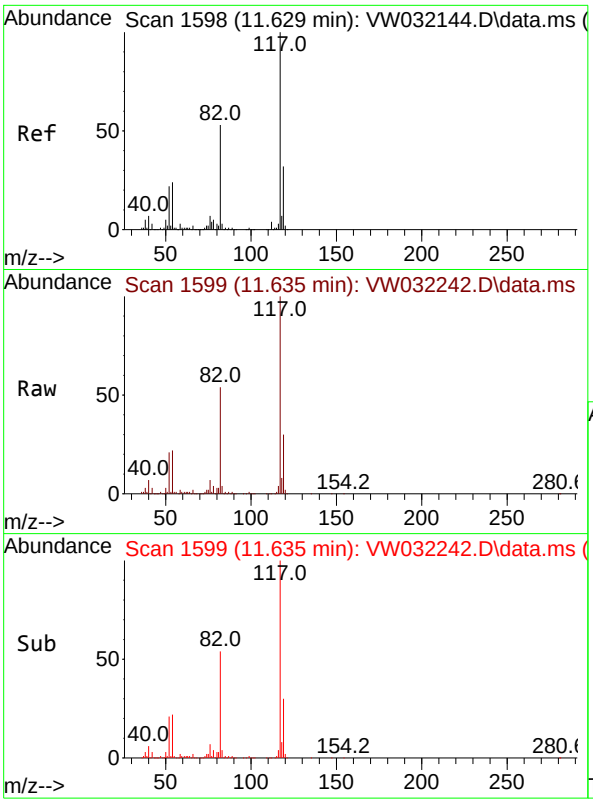


#62
4-Bromofluorobenzene
Concen: 46.381 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Tgt Ion: 95 Resp: 122985

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	145.6
176	73.0	0.0	140.8



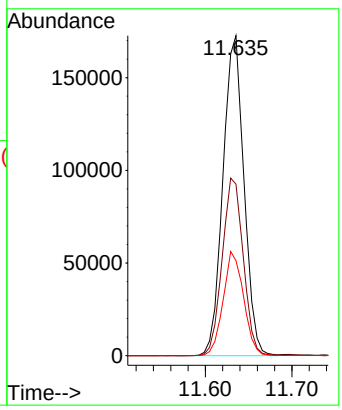


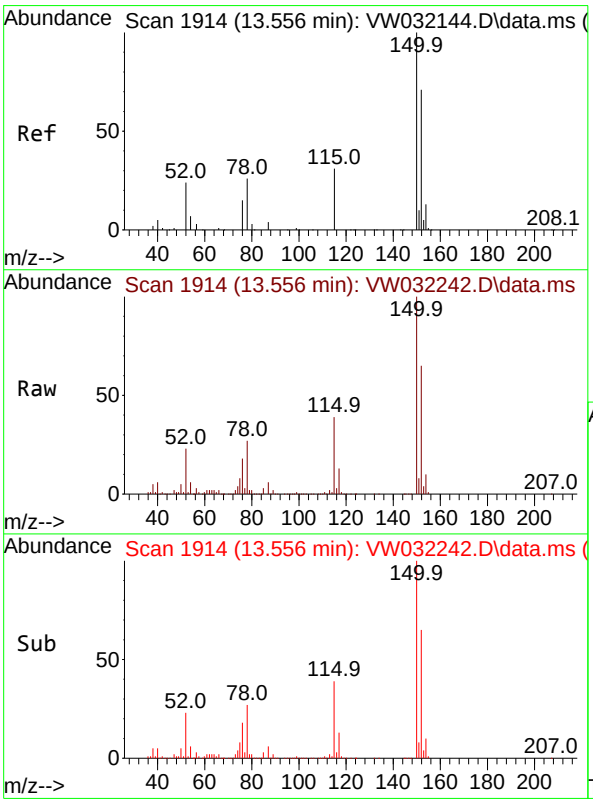
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Tgt Ion:117 Resp: 291337

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.7	64.1
119	29.7	25.2	37.8

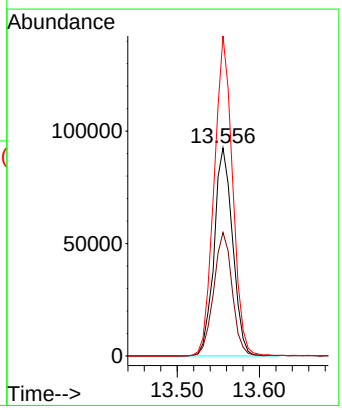




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032242.D
Acq: 24 Sep 2025 14:37

Tgt Ion:152 Resp: 144992

Ion	Ratio	Lower	Upper
152	100		
115	59.3	31.8	95.4
150	153.3	0.0	343.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032242.D
Acq On : 24 Sep 2025 14:37
Operator : SY/MD
Sample : VW0924SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Title : SW846 8260

Signal : TIC: VW032242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.960	493	504	519	rVB3	18629	65521	6.44%	1.192%
2	5.966	660	669	676	rBV5	7957	24271	2.38%	0.442%
3	7.898	977	986	991	rBV2	150056	369925	36.34%	6.730%
4	7.959	991	996	1010	rVB	206536	461698	45.36%	8.400%
5	8.319	1046	1055	1066	rBV	146216	333994	32.81%	6.077%
6	8.855	1132	1143	1158	rBV	341032	707737	69.53%	12.877%
7	10.325	1375	1384	1393	rBV	571756	1017914	100.00%	18.520%
8	11.629	1590	1598	1607	rBV	535776	936331	91.99%	17.036%
9	12.617	1752	1760	1770	rBV	381992	627014	61.60%	11.408%
10	13.556	1905	1914	1924	rBV	570934	912189	89.61%	16.596%
11	14.062	1991	1997	2002	rBV	9371	14913	1.47%	0.271%
12	15.482	2224	2230	2237	rVB	13952	24818	2.44%	0.452%

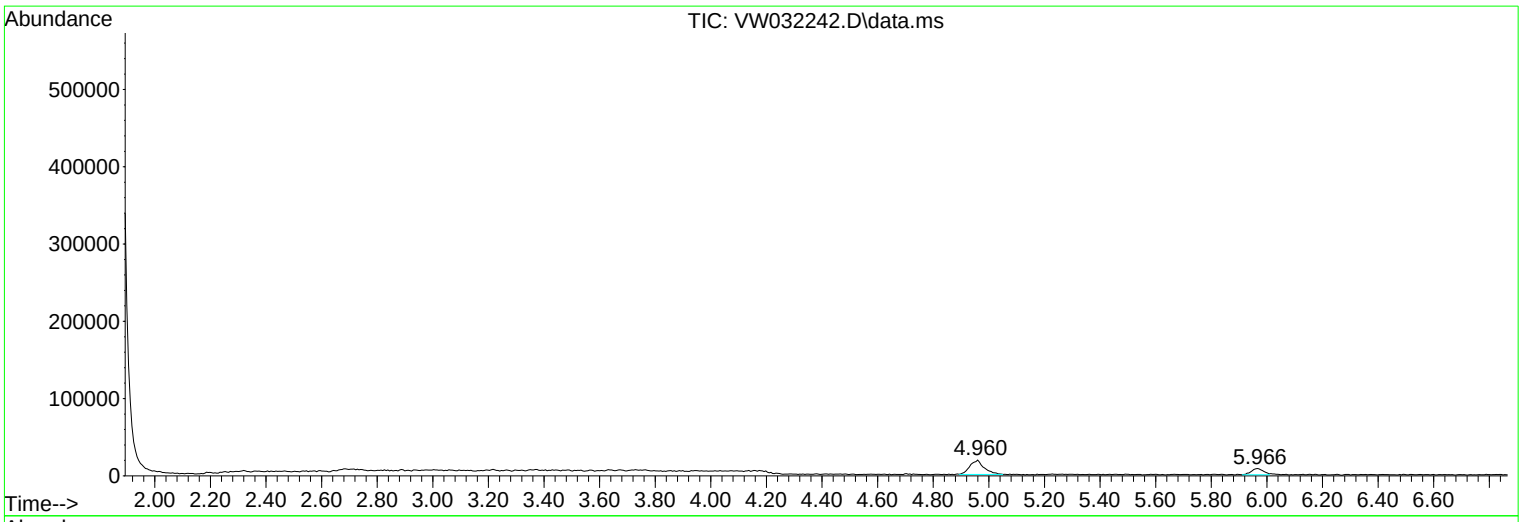
Sum of corrected areas: 5496325

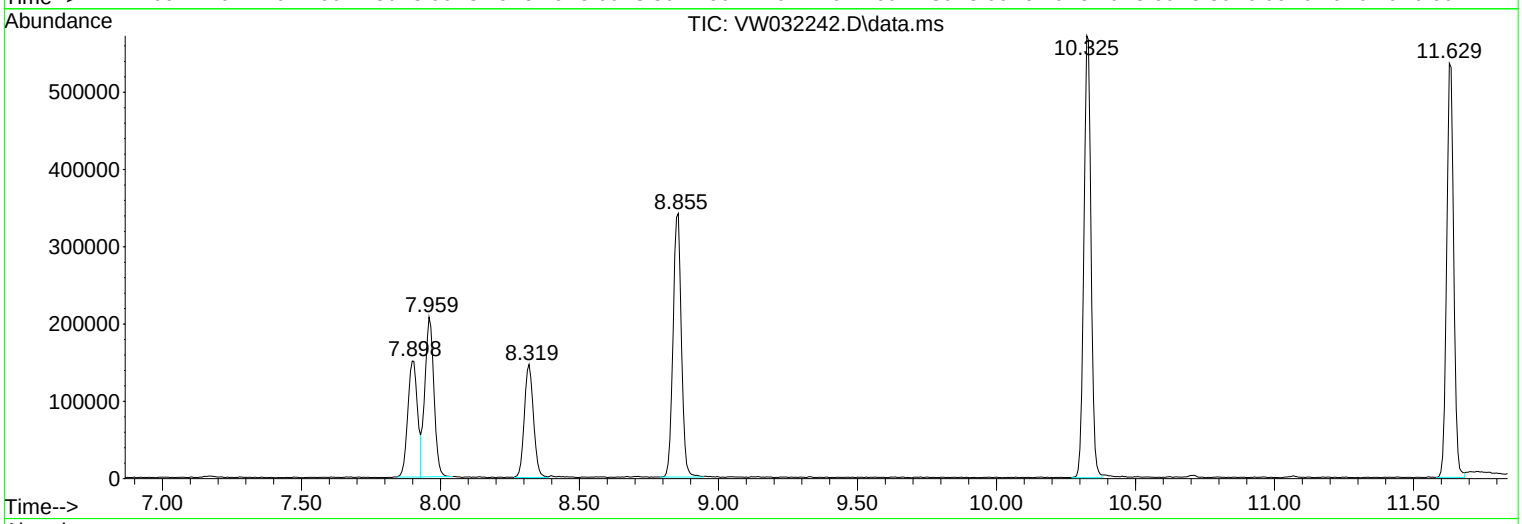
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032242.D
Acq On : 24 Sep 2025 14:37
Operator : SY/MD
Sample : VW0924SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

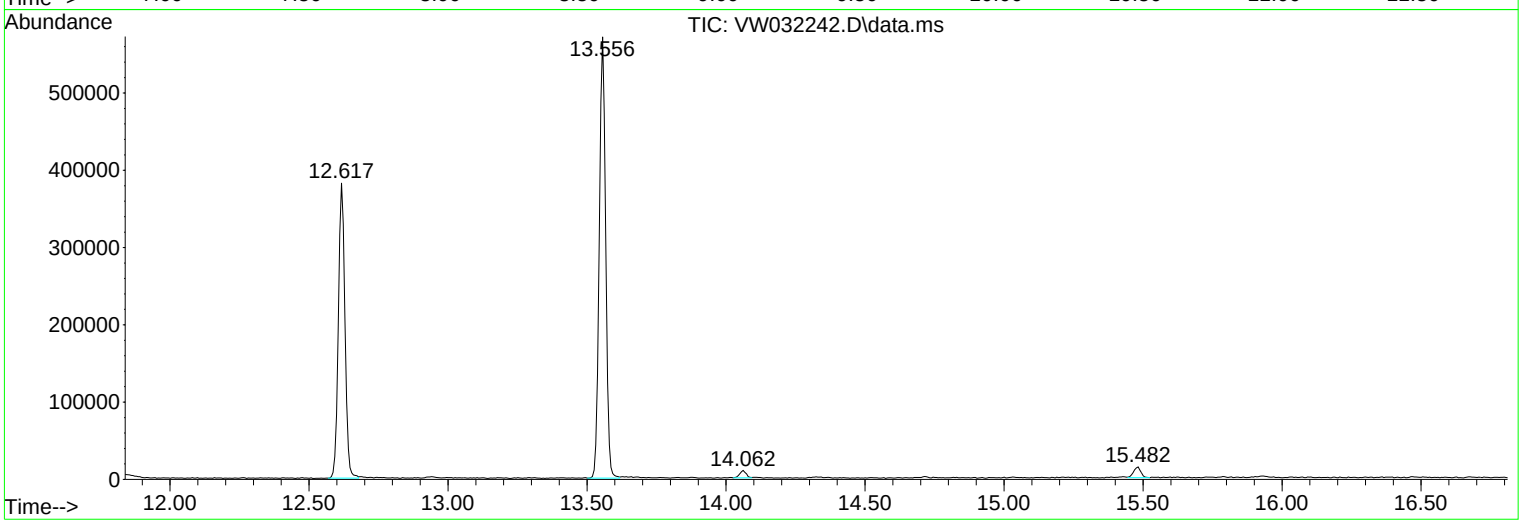
Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032242.D
Acq On : 24 Sep 2025 14:37
Operator : SY/MD
Sample : VW0924SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032242.D
Acq On : 24 Sep 2025 14:37
Operator : SY/MD
Sample : VW0924SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0926SBL01	SDG No.:	Q3178
Lab Sample ID:	VW0926SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032268.D	1	09/26/25 09:41	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0926SBL01	SDG No.:	Q3178
Lab Sample ID:	VW0926SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032268.D	1	09/26/25 09:41	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	63.5		63 - 155	127%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		70 - 134	106%	SPK: 50
2037-26-5	Toluene-d8	53.6		74 - 123	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		17 - 146	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	194000	7.959			
540-36-3	1,4-Difluorobenzene	436000	8.849			
3114-55-4	Chlorobenzene-d5	462000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	217000	13.556			

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Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0926SBL01	SDG No.:	Q3178
Lab Sample ID:	VW0926SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032268.D	1	09/26/25 09:41	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_W\Data\VW092625\
Data File : VW032268.D
Acq On : 26 Sep 2025 09:41
Operator : SY/MD
Sample : VW0926SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Quant Time: Sep 27 04:31:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	193650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	436371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	462353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	216659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	194023	63.454	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 126.900%			
35) Dibromofluoromethane	7.898	113	166202	52.960	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 105.920%			
50) Toluene-d8	10.325	98	606362	53.612	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 107.220%			
62) 4-Bromofluorobenzene	12.617	95	202578	47.484	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 94.960%			

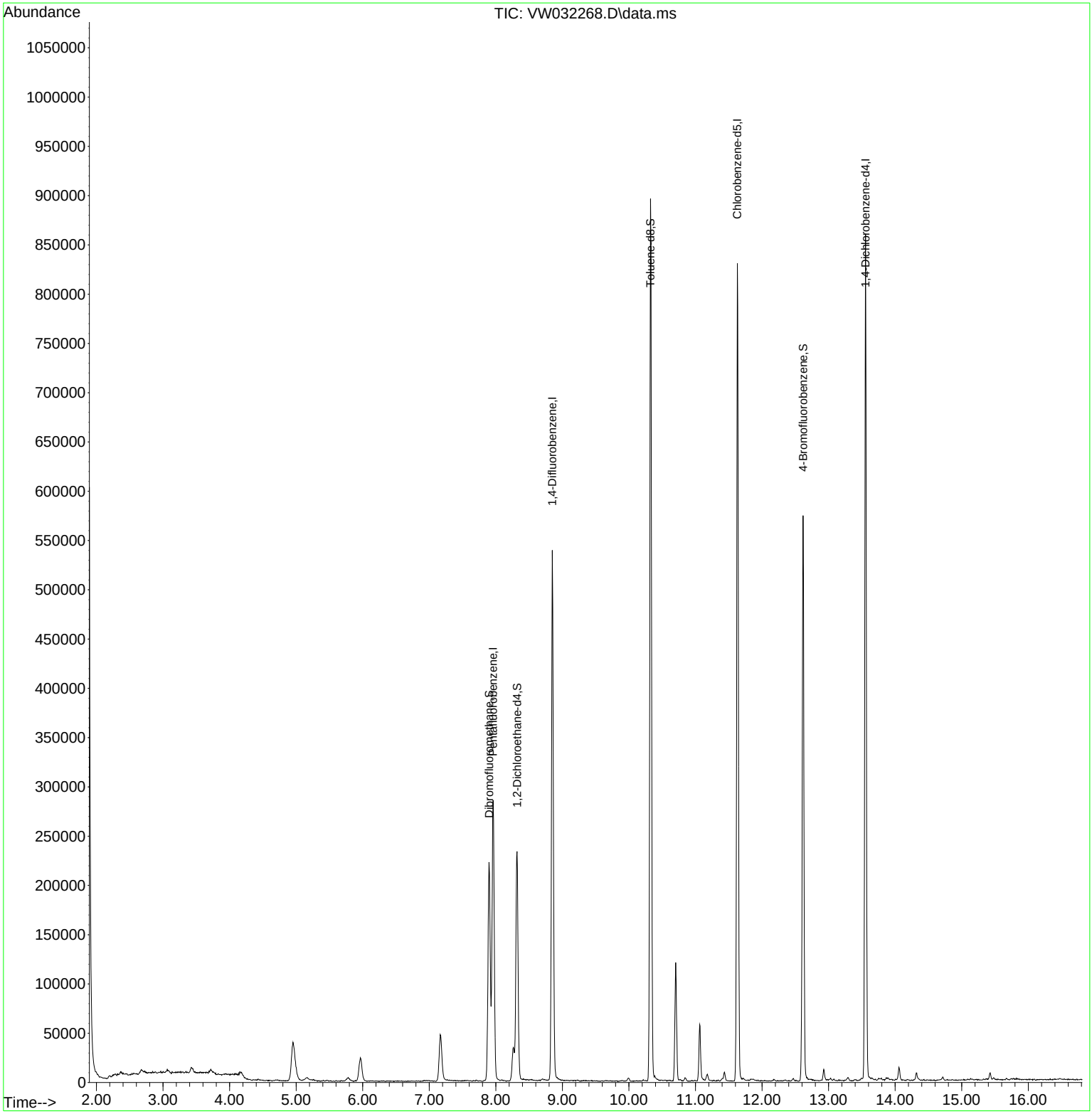
Target Compounds Qvalue

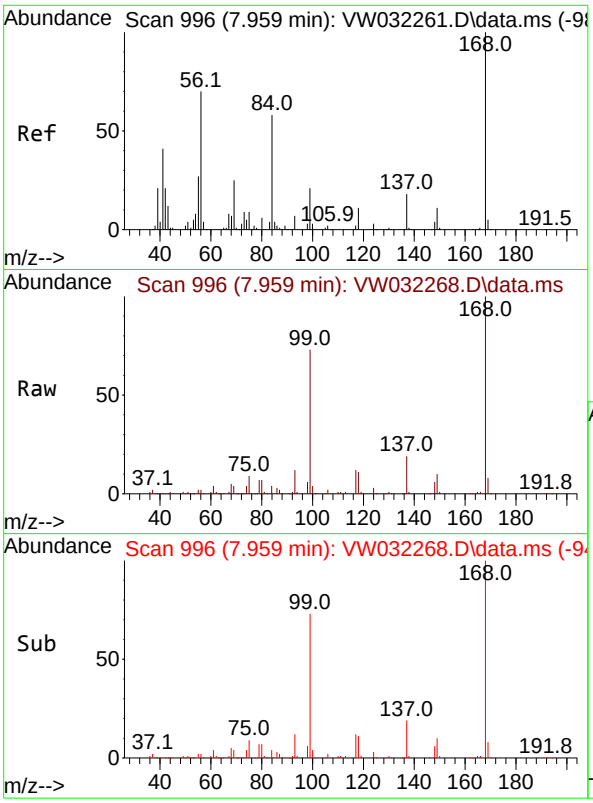
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032268.D
Acq On : 26 Sep 2025 09:41
Operator : SY/MD
Sample : VW0926SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Quant Time: Sep 27 04:31:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration



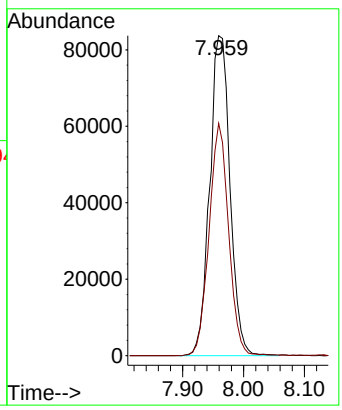


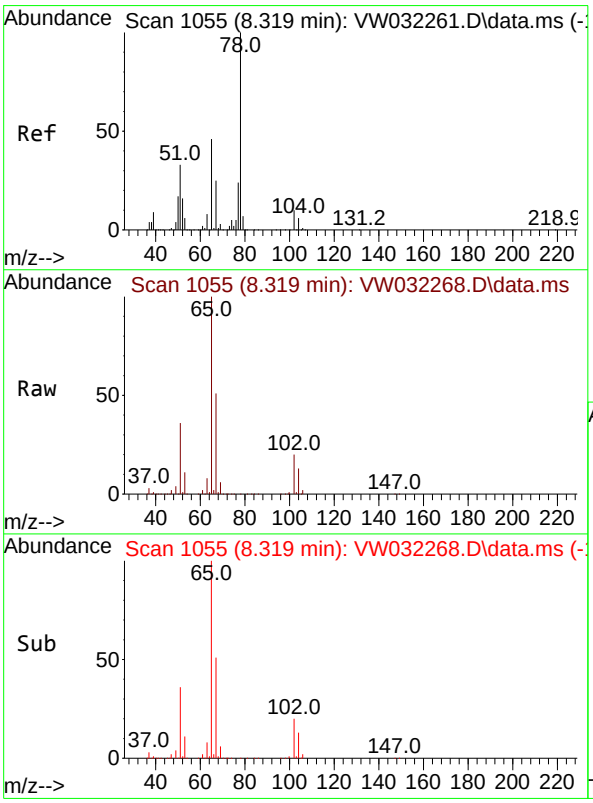
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Tgt Ion:168 Resp: 193650

Ion	Ratio	Lower	Upper
168	100		
99	72.5	55.0	82.4

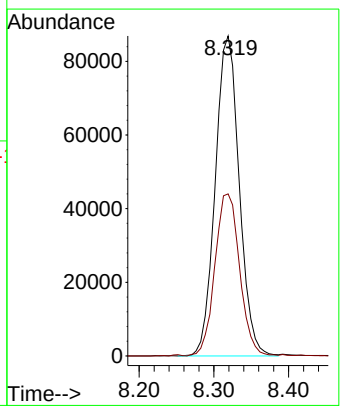


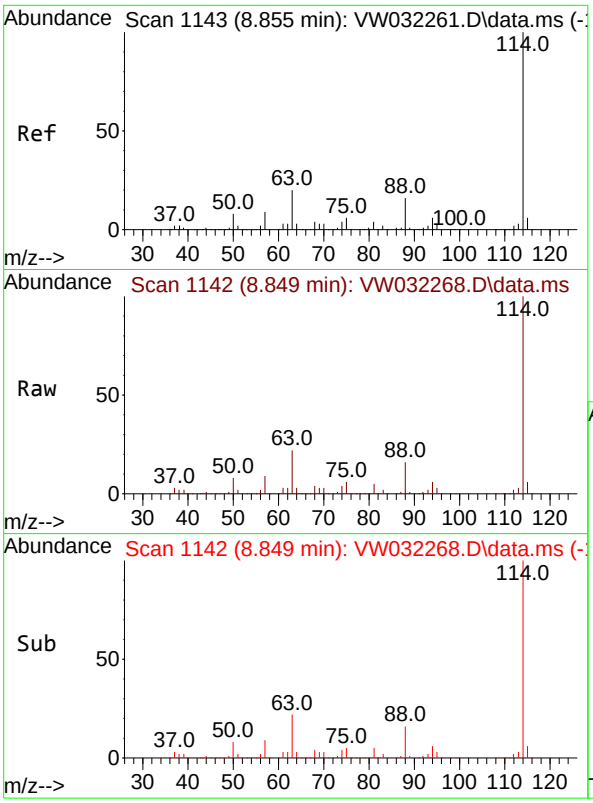


#33
1,2-Dichloroethane-d4
Concen: 63.454 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 65 Resp: 194023

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.8



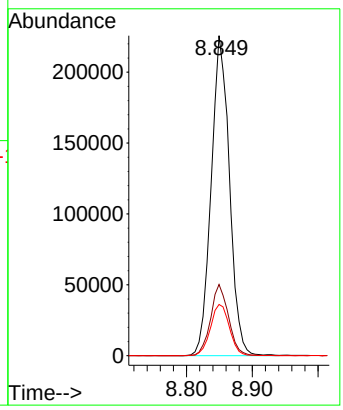


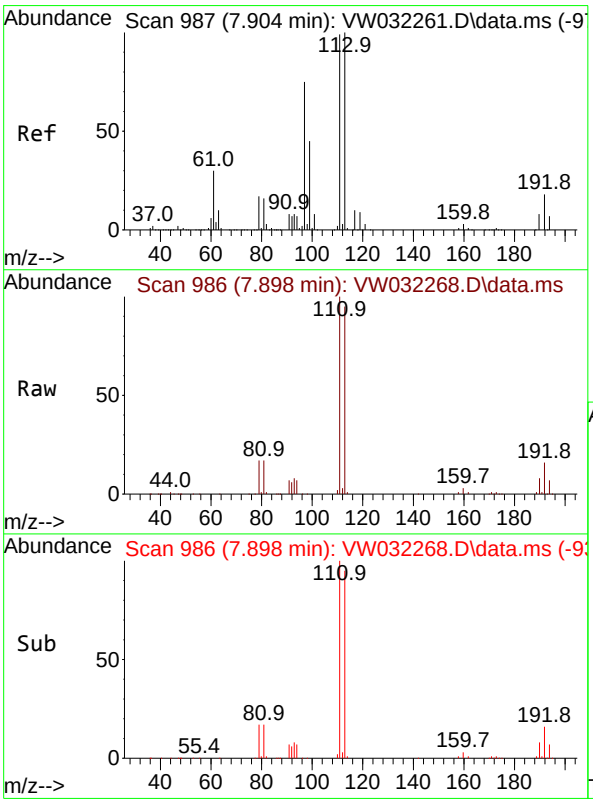
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Tgt Ion:114 Resp: 436371

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	40.2
88	16.0	0.0	32.0

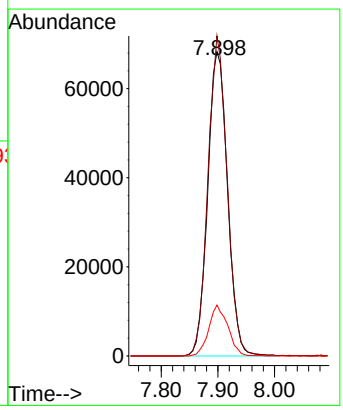


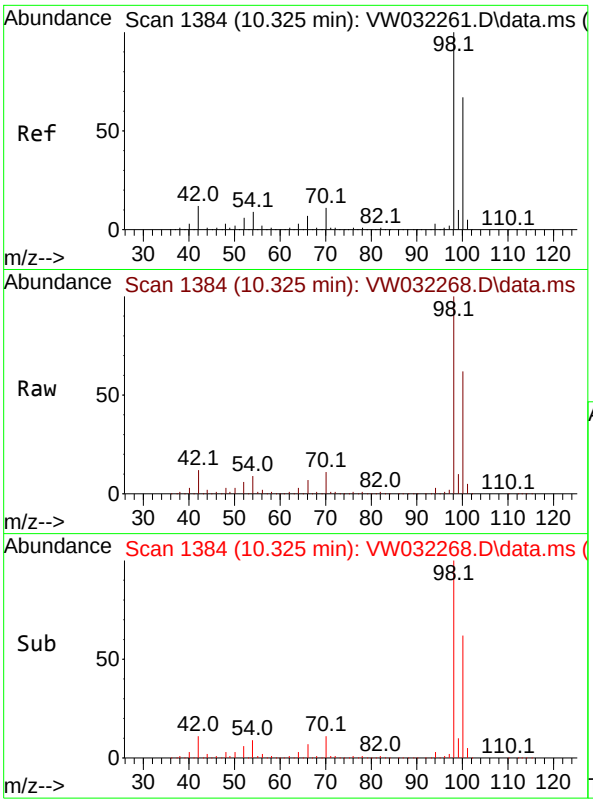


#35
Dibromofluoromethane
Concen: 52.960 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion:113 Resp: 166202

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.8	122.8
192	16.1	13.0	19.4



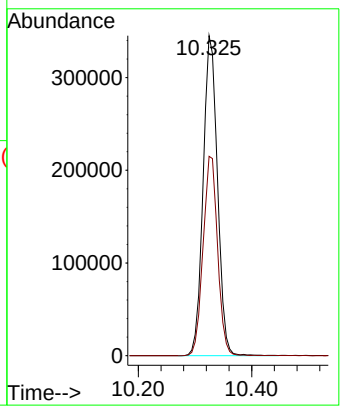


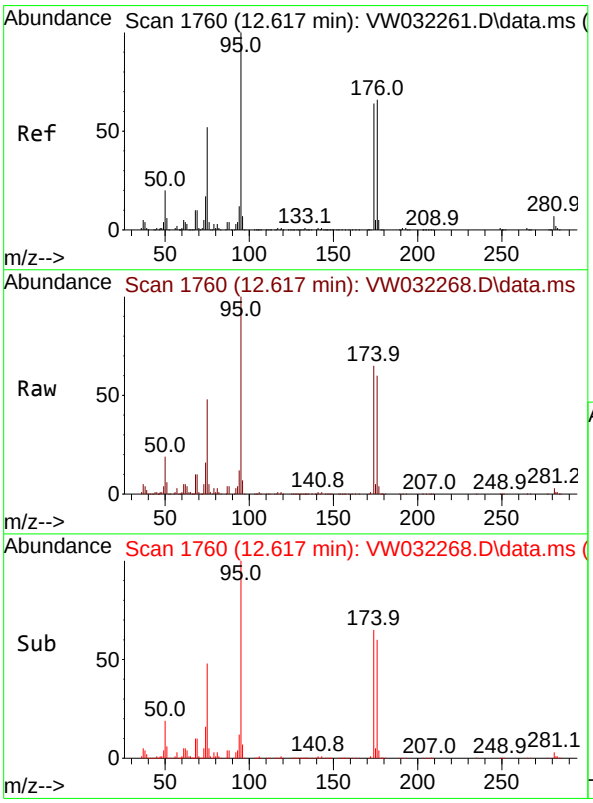
#50
Toluene-d8
Concen: 53.612 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Tgt Ion: 98 Resp: 606362

Ion	Ratio	Lower	Upper
98	100		
100	63.1	53.0	79.4

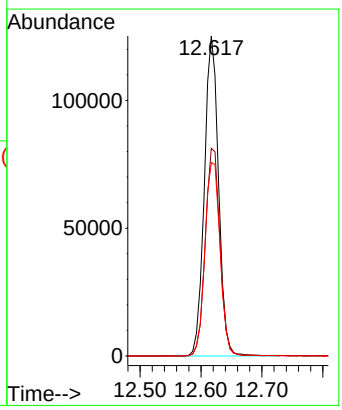


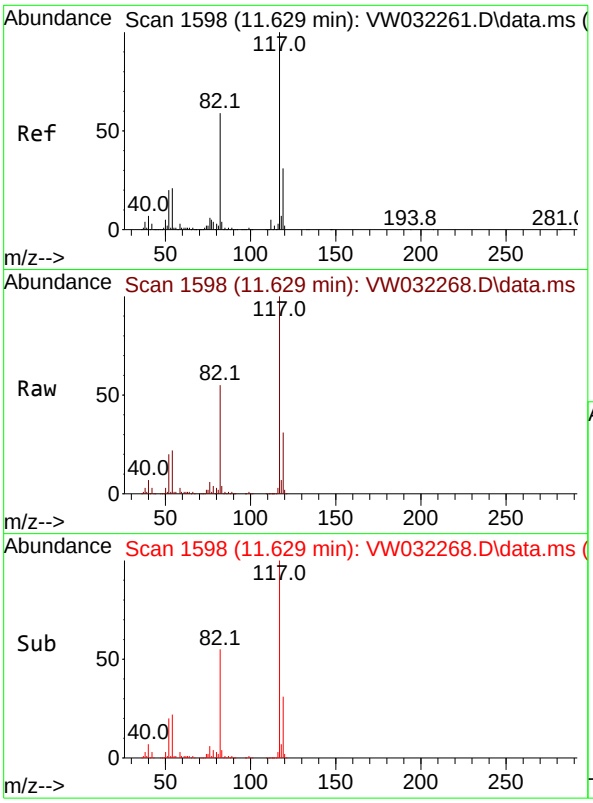


#62
4-Bromofluorobenzene
Concen: 47.484 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 95 Resp: 202578

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	130.6
176	65.1	0.0	127.0



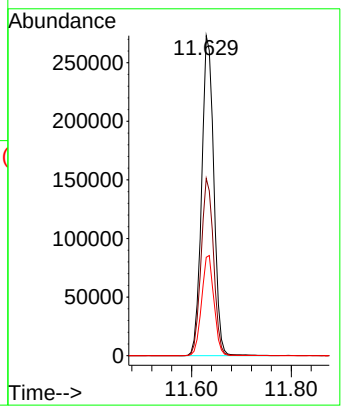


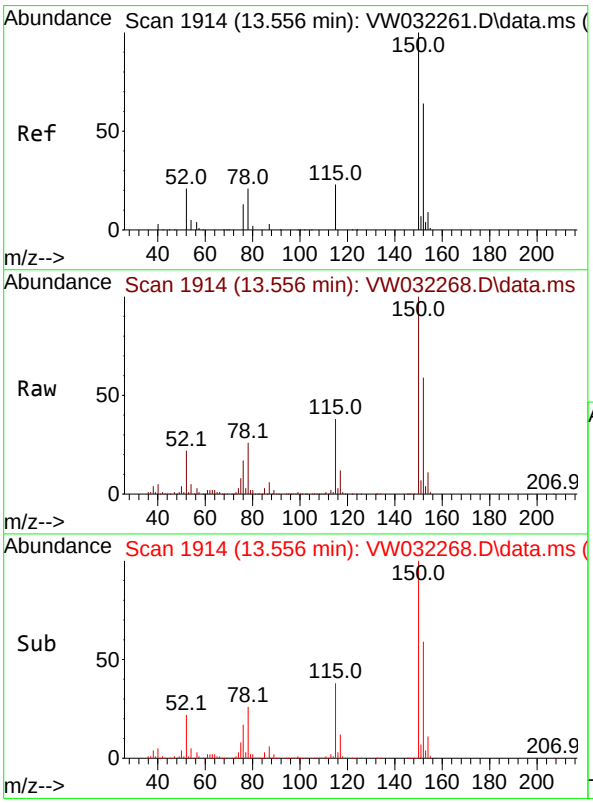
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Tgt Ion:117 Resp: 462353

Ion	Ratio	Lower	Upper
117	100		
82	55.4	46.9	70.3
119	30.7	24.9	37.3

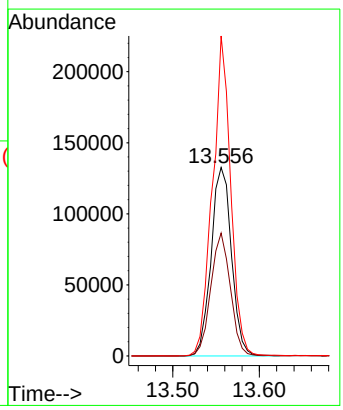




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion:152 Resp: 216659

Ion	Ratio	Lower	Upper
152	100		
115	62.7	32.5	97.5
150	152.2	0.0	370.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032268.D
Acq On : 26 Sep 2025 09:41
Operator : SY/MD
Sample : VW0926SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Title : SW846 8260

Signal : TIC: VW032268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.954	490	503	520	rBV3	39213	160558	10.13%	1.796%
2	5.966	658	669	685	rVB2	23985	77768	4.91%	0.870%
3	7.167	854	866	881	rBV	47346	141848	8.95%	1.587%
4	7.898	976	986	991	rBV	221532	533313	33.64%	5.966%
5	7.959	991	996	1013	rVB	284484	647369	40.83%	7.242%
6	8.264	1037	1046	1048	rBV	33923	72143	4.55%	0.807%
7	8.319	1048	1055	1068	rVB	231838	540298	34.08%	6.044%
8	8.849	1130	1142	1153	rBV	537851	1054084	66.49%	11.792%
9	10.325	1376	1384	1393	rBV	895250	1585385	100.00%	17.735%
10	10.703	1439	1446	1454	rBV2	120334	213084	13.44%	2.384%
11	11.062	1499	1505	1514	rBV	57368	104325	6.58%	1.167%
12	11.629	1590	1598	1608	rBV	829773	1427230	90.02%	15.966%
13	12.617	1751	1760	1774	rBV	573561	996235	62.84%	11.145%
14	12.928	1807	1811	1817	rBV5	10767	17238	1.09%	0.193%
15	13.556	1907	1914	1927	rVB	857386	1344667	84.82%	15.042%
16	14.056	1990	1996	2004	rVB2	13229	23673	1.49%	0.265%

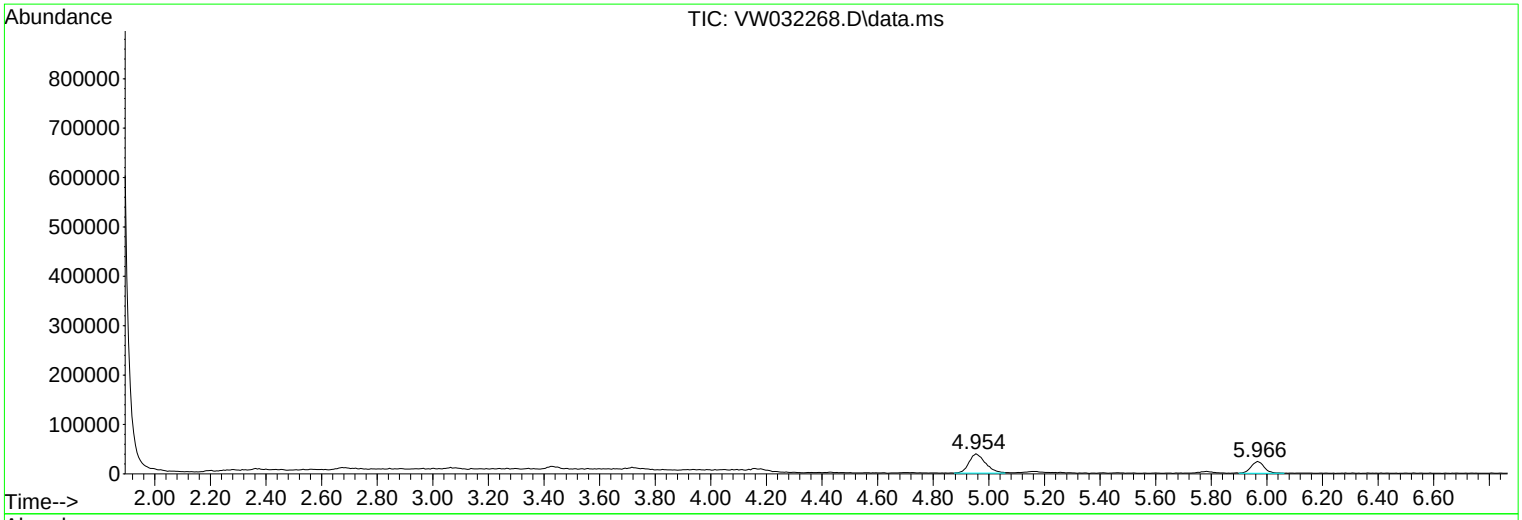
Sum of corrected areas: 8939218

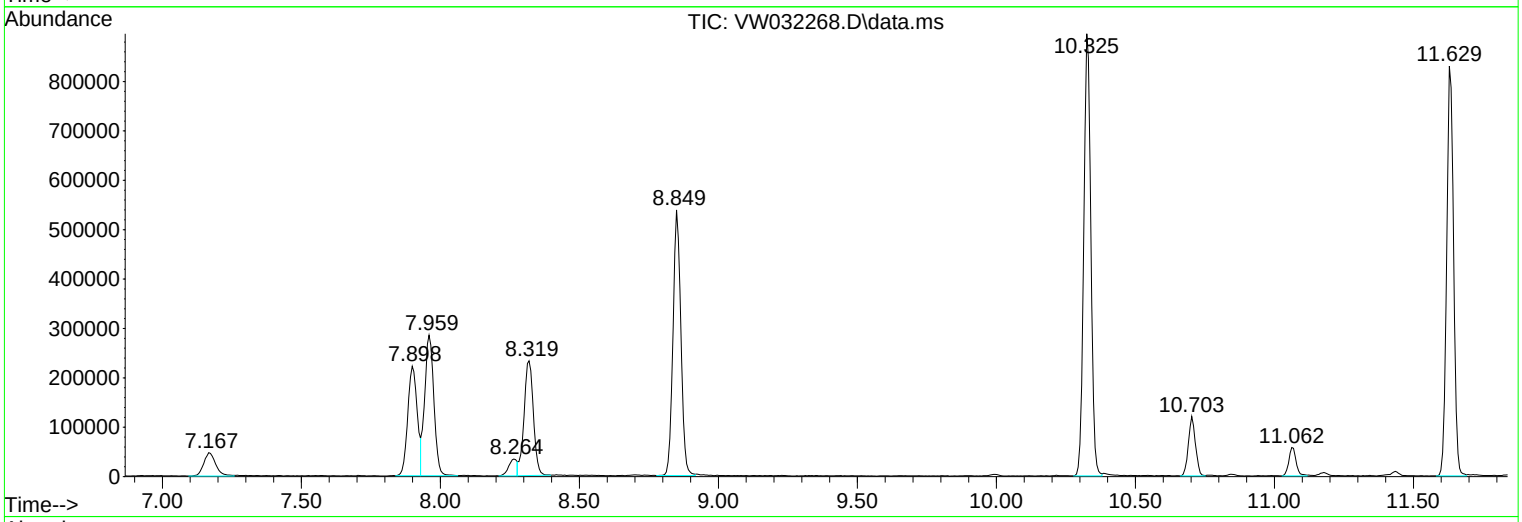
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032268.D
Acq On : 26 Sep 2025 09:41
Operator : SY/MD
Sample : VW0926SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

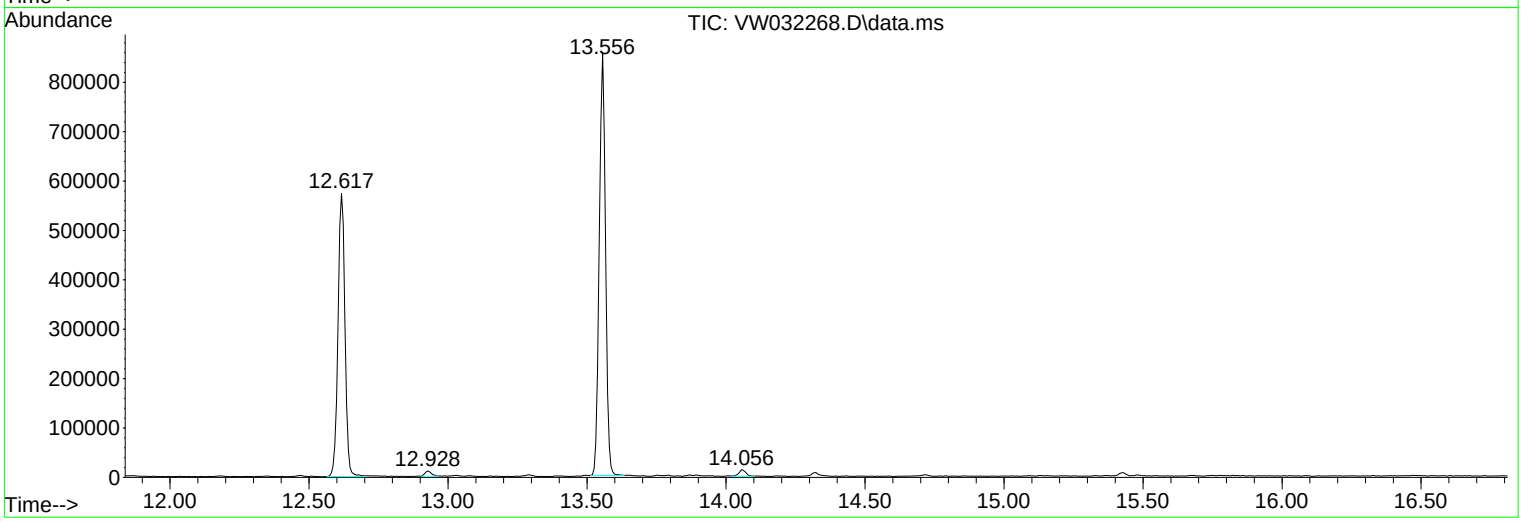
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032268.D
Acq On : 26 Sep 2025 09:41
Operator : SY/MD
Sample : VW0926SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032268.D
Acq On : 26 Sep 2025 09:41
Operator : SY/MD
Sample : VW0926SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260

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

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

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0924SBS01	SDG No.:	Q3178
Lab Sample ID:	VW0924SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032243.D	1	09/24/25 15:03	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.6		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	16.7		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.5		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.2		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.5		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	20.0		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.5		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	18.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	96.4		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.7		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.0		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.3		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.5		0.91	5.00	ug/Kg
71-43-2	Benzene	20.4		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.7		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.0		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.2		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	95.9		3.60	25.0	ug/Kg
108-88-3	Toluene	20.5		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0924SBS01	SDG No.:	Q3178
Lab Sample ID:	VW0924SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032243.D	1	09/24/25 15:03	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.2		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.8		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.5		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	95.7		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.6		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.8		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.7		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.8		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.9		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.9		0.82	5.00	ug/Kg
100-42-5	Styrene	20.3		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.1		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	18.2		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.2		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.6		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.1		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	18.7		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	18.3		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	49.2		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	7.959			
540-36-3	1,4-Difluorobenzene	325000	8.855			
3114-55-4	Chlorobenzene-d5	301000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	168000	13.556			

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0924SBS01	SDG No.:	Q3178
Lab Sample ID:	VW0924SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032243.D	1	09/24/25 15:03	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_W\Data\VW092425\
Data File : VW032243.D
Acq On : 24 Sep 2025 15:03
Operator : SY/MD
Sample : VW0924SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 05:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	188130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	324992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	301220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	167865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	133448	49.600	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 99.200%			
35) Dibromofluoromethane	7.904	113	116929	51.282	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 102.560%			
50) Toluene-d8	10.325	98	393556	49.168	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 98.340%			
62) 4-Bromofluorobenzene	12.617	95	145892	49.290	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 98.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	25719	20.706	ug/l	96
3) Chloromethane	2.253	50	25465	19.554	ug/l	99
4) Vinyl Chloride	2.405	62	35099	20.750	ug/l	92
5) Bromomethane	2.820	94	30863	20.432	ug/l	99
6) Chloroethane	2.966	64	23986	20.136	ug/l	99
7) Trichlorofluoromethane	3.301	101	27981	16.695	ug/l	99
8) Diethyl Ether	3.722	74	25355	20.273	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.100	101	38533	20.410	ug/l	98
10) Methyl Iodide	4.307	142	59021	20.531	ug/l	100
11) Tert butyl alcohol	5.216	59	13291	80.761	ug/l #	85
12) 1,1-Dichloroethene	4.070	96	40831	20.536	ug/l	94
13) Acrolein	3.929	56	8596	33.980	ug/l	92
14) Allyl chloride	4.704	41	53110	18.805	ug/l	98
15) Acrylonitrile	5.405	53	58554	96.294	ug/l	98
16) Acetone	4.161	43	65626	112.627	ug/l	92
17) Carbon Disulfide	4.417	76	92232	18.547	ug/l	97
18) Methyl Acetate	4.710	43	38105	20.525	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	71903	19.151	ug/l	97
20) Methylene Chloride	4.948	84	54029	19.989	ug/l	98
21) trans-1,2-Dichloroethene	5.454	96	45500	20.485	ug/l	91
22) Diisopropyl ether	6.338	45	123292	20.058	ug/l	96
23) Vinyl Acetate	6.283	43	382205	91.454	ug/l	98
24) 1,1-Dichloroethane	6.246	63	81848	20.339	ug/l	98
25) 2-Butanone	7.197	43	79607	96.413	ug/l	97
26) 2,2-Dichloropropane	7.191	77	42044	19.729	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	54116	20.022	ug/l	98
28) Bromochloromethane	7.532	49	38581	20.944	ug/l	98
29) Tetrahydrofuran	7.557	42	48708	92.832	ug/l	98
30) Chloroform	7.691	83	94126	20.487	ug/l	93
31) Cyclohexane	7.971	56	62247	18.846	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	68192	20.332	ug/l	99
36) 1,1-Dichloropropene	8.093	75	57438	19.429	ug/l	97
37) Ethyl Acetate	7.276	43	34736	19.586	ug/l	99
38) Carbon Tetrachloride	8.081	117	62396	19.688	ug/l	97
39) Methylcyclohexane	9.343	83	64790	18.503	ug/l	98
40) Benzene	8.337	78	186114	20.366	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092425\
Data File : VW032243.D
Acq On : 24 Sep 2025 15:03
Operator : SY/MD
Sample : VW0924SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 05:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	19269	19.556	ug/l		91
42) 1,2-Dichloroethane	8.410	62	65566	20.696	ug/l		99
43) Isopropyl Acetate	8.435	43	59814	17.978	ug/l		98
44) Trichloroethene	9.105	130	45897	19.971	ug/l		87
45) 1,2-Dichloropropane	9.374	63	45250	20.541	ug/l		97
46) Dibromomethane	9.465	93	31539	20.412	ug/l		98
47) Bromodichloromethane	9.654	83	70957	20.208	ug/l		99
48) Methyl methacrylate	9.441	41	27666	18.044	ug/l		93
49) 1,4-Dioxane	9.465	88	7177	384.439	ug/l	#	71
51) 4-Methyl-2-Pentanone	10.215	43	180166	95.902	ug/l		98
52) Toluene	10.392	92	122386	20.494	ug/l		99
53) t-1,3-Dichloropropene	10.611	75	59593	19.239	ug/l		96
54) cis-1,3-Dichloropropene	10.081	75	69975	19.798	ug/l		100
55) 1,1,2-Trichloroethane	10.788	97	41248	20.529	ug/l		88
56) Ethyl methacrylate	10.648	69	46712	18.185	ug/l		98
57) 1,3-Dichloropropane	10.934	76	66073	19.639	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	132038	96.303	ug/l		100
59) 2-Hexanone	10.971	43	124975	95.652	ug/l		98
60) Dibromochloromethane	11.129	129	47769	19.648	ug/l		96
61) 1,2-Dibromoethane	11.239	107	39041	19.759	ug/l		98
64) Tetrachloroethene	10.861	164	40975	20.668	ug/l		95
65) Chlorobenzene	11.660	112	136077	19.847	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.733	131	47500	21.043	ug/l		94
67) Ethyl Benzene	11.733	91	221550	19.722	ug/l		97
68) m/p-Xylenes	11.837	106	176714	40.874	ug/l		100
69) o-Xylene	12.166	106	81258	19.870	ug/l		100
70) Styrene	12.178	104	146130	20.271	ug/l		98
71) Bromoform	12.349	173	26907	20.070	ug/l	#	97
73) Isopropylbenzene	12.464	105	207681	18.211	ug/l		99
74) N-amyl acetate	12.269	43	53951	16.295	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.714	83	51924	19.159	ug/l		98
76) 1,2,3-Trichloropropane	12.769	75	36887m	17.540	ug/l		
77) Bromobenzene	12.745	156	54082	18.597	ug/l		94
78) n-propylbenzene	12.800	91	256934	18.557	ug/l		99
79) 2-Chlorotoluene	12.891	91	157454	18.597	ug/l		100
80) 1,3,5-Trimethylbenzene	12.940	105	183385	18.993	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.507	75	13307	17.037	ug/l		96
82) 4-Chlorotoluene	12.989	91	170841	18.851	ug/l		98
83) tert-Butylbenzene	13.202	119	147545	18.022	ug/l		96
84) 1,2,4-Trimethylbenzene	13.245	105	189842	19.004	ug/l		100
85) sec-Butylbenzene	13.379	105	226231	18.508	ug/l		99
86) p-Isopropyltoluene	13.495	119	187801	18.067	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	114521	19.558	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	115750	19.721	ug/l		97
89) n-Butylbenzene	13.818	91	179474	18.110	ug/l		98
90) Hexachloroethane	14.086	117	34957	18.385	ug/l		96
91) 1,2-Dichlorobenzene	13.867	146	104149	20.089	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	14.482	75	8590	17.941	ug/l		92
93) 1,2,4-Trichlorobenzene	15.123	180	61818	18.663	ug/l		98
94) Hexachlorobutadiene	15.232	225	32015	19.489	ug/l		99
95) Naphthalene	15.360	128	126413	16.864	ug/l		99
96) 1,2,3-Trichlorobenzene	15.543	180	56366	18.298	ug/l		96

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Data File : VW032243.D
Acq On : 24 Sep 2025 15:03
Operator : SY/MD
Sample : VW0924SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 25 05:04:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

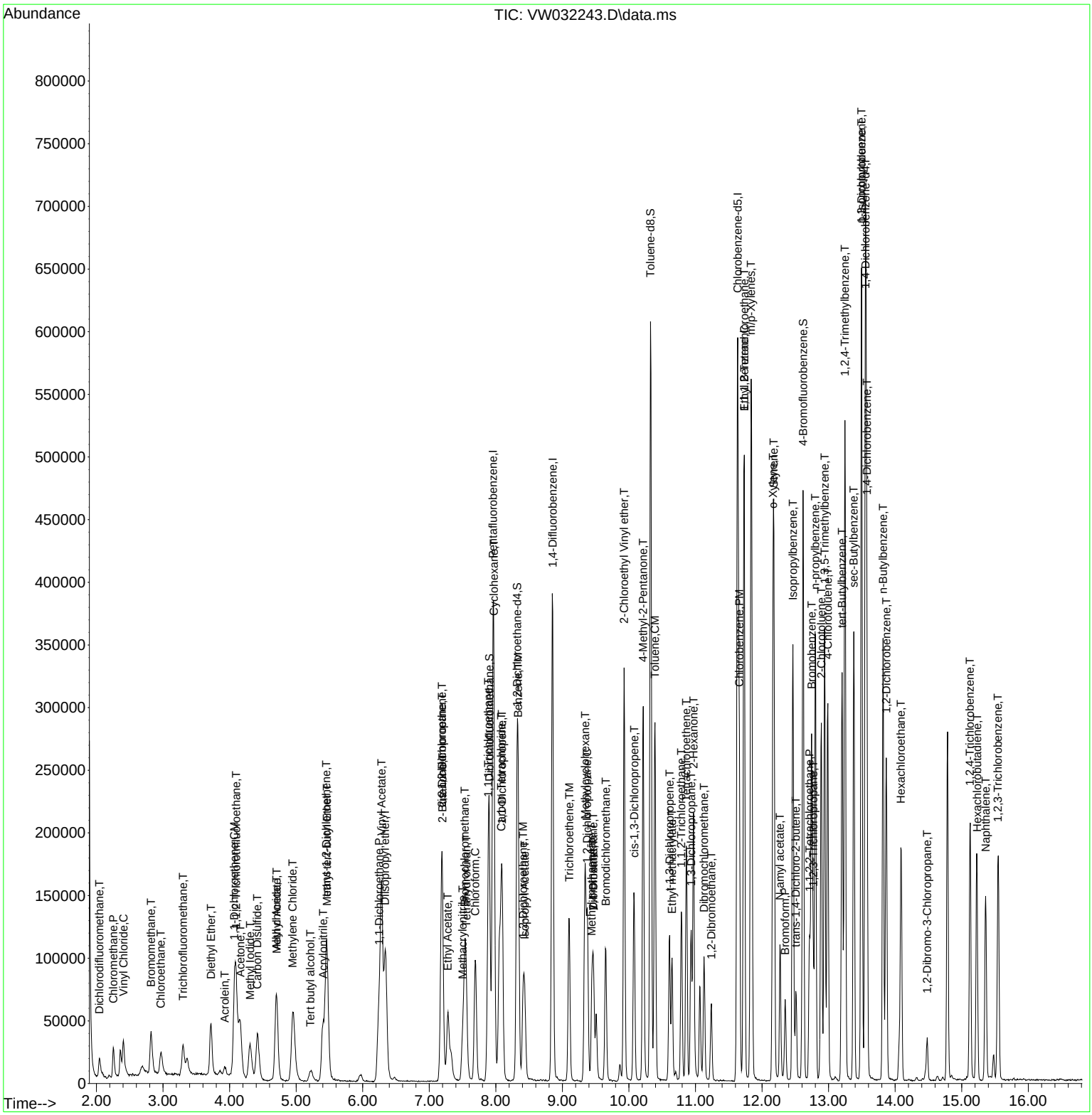
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Sample : VW0924SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

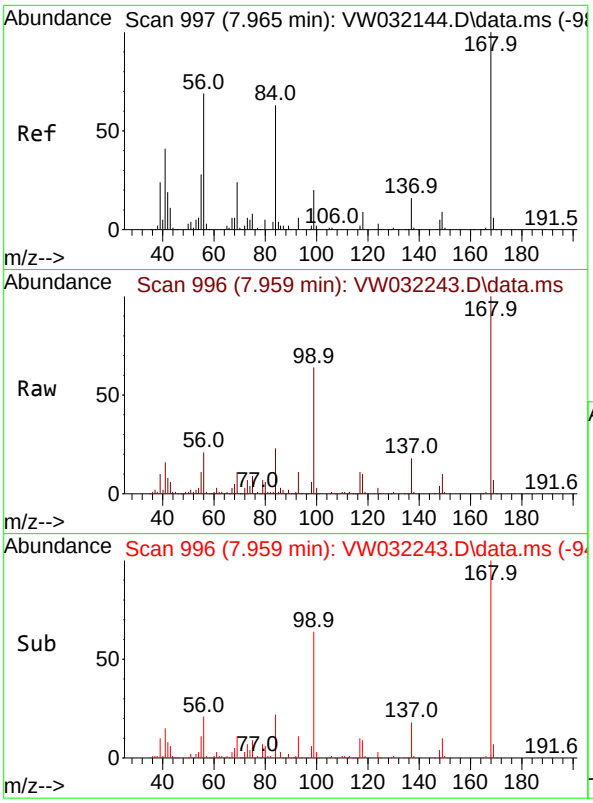
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QLast Update : Wed Aug 27 04:13:40 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2025
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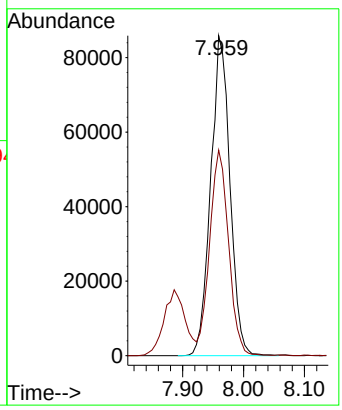




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:168 Resp: 18813

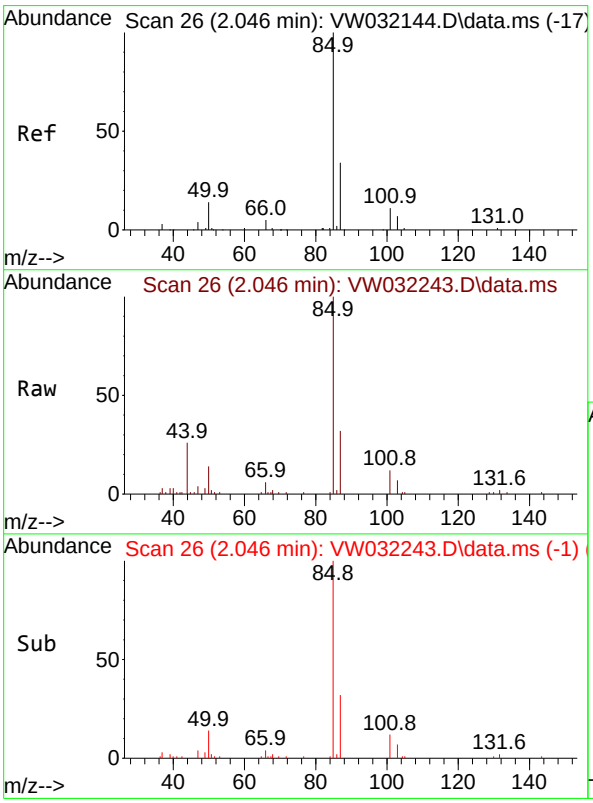
Ion	Ratio	Lower	Upper
168	100		
99	64.1	49.3	73.9



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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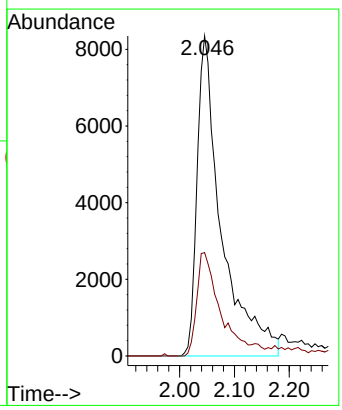
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

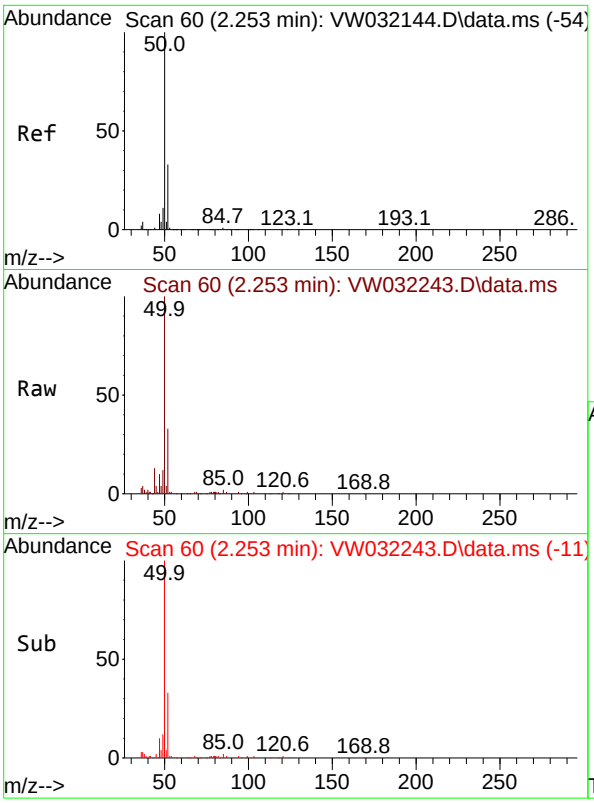


#2
Dichlorodifluoromethane
Concen: 20.706 ug/l
RT: 2.046 min Scan# 26
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 85 Resp: 25719

Ion	Ratio	Lower	Upper
85	100		
87	32.3	17.2	51.6

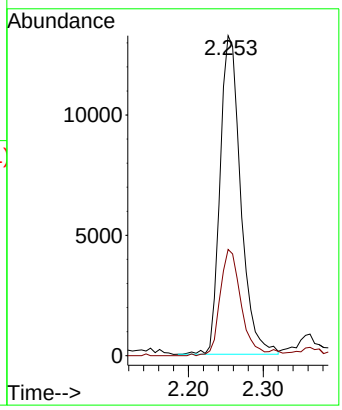




#3
Chloromethane
Concen: 19.554 ug/l
RT: 2.253 min Scan# 6
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 50 Resp: 2546

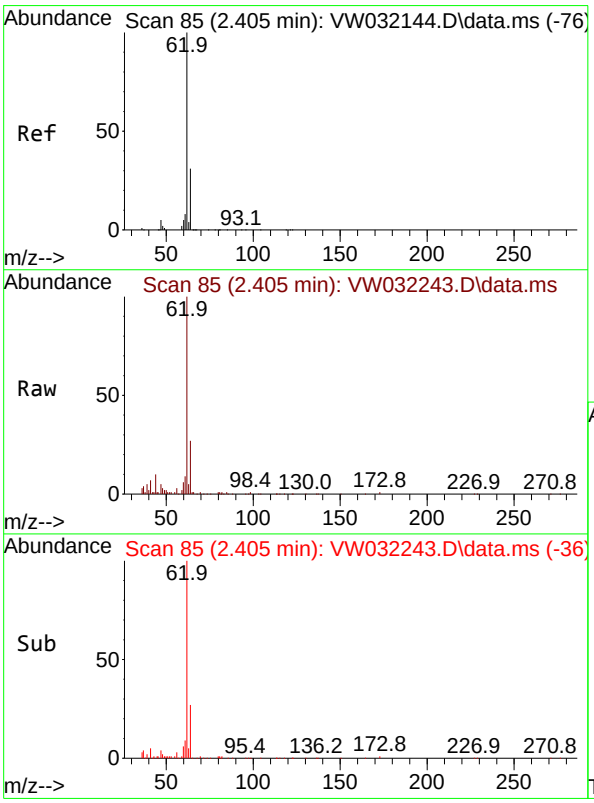
Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.1	39.1



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

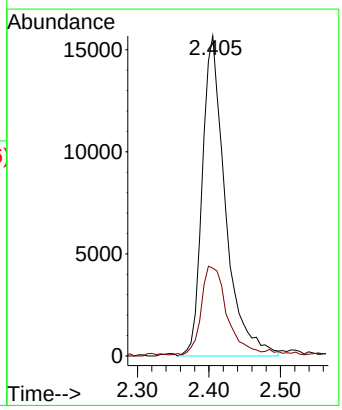
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

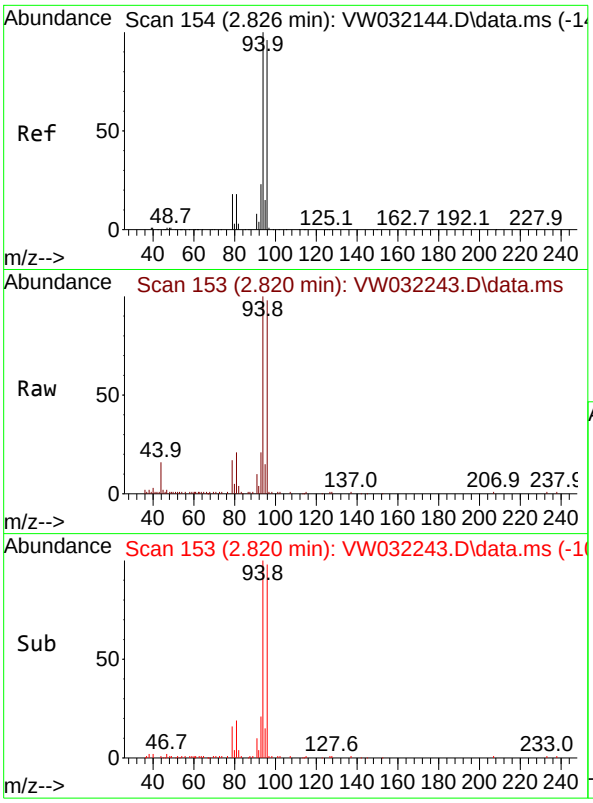


#4
Vinyl Chloride
Concen: 20.750 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 62 Resp: 35099

Ion	Ratio	Lower	Upper
62	100		
64	26.7	24.8	37.2

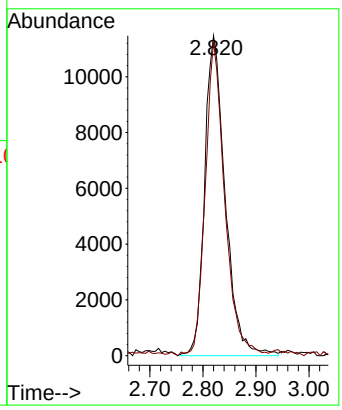




#5
Bromomethane
Concen: 20.432 ug/l
RT: 2.820 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 94 Resp: 3086

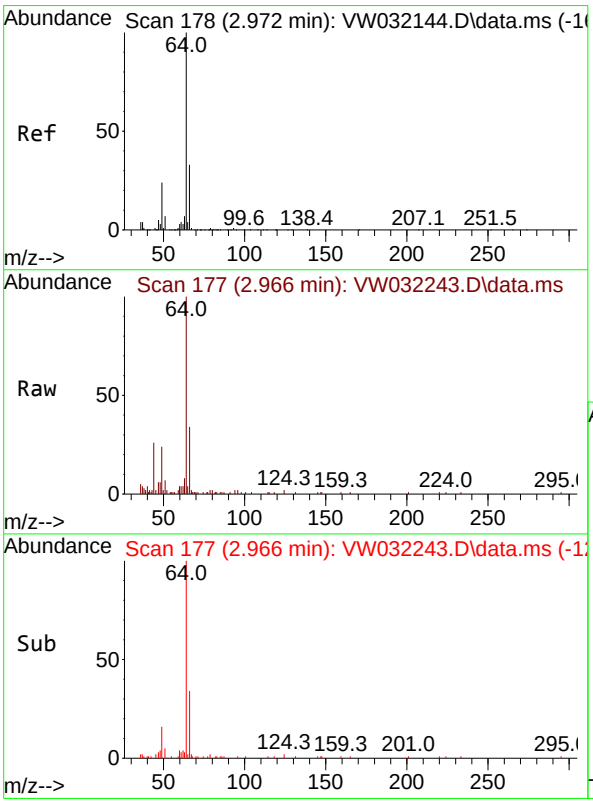
Ion	Ratio	Lower	Upper
94	100		
96	97.2	76.6	115.0



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

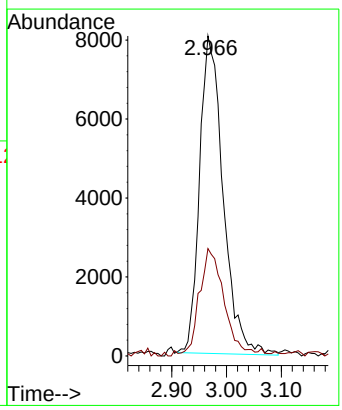
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

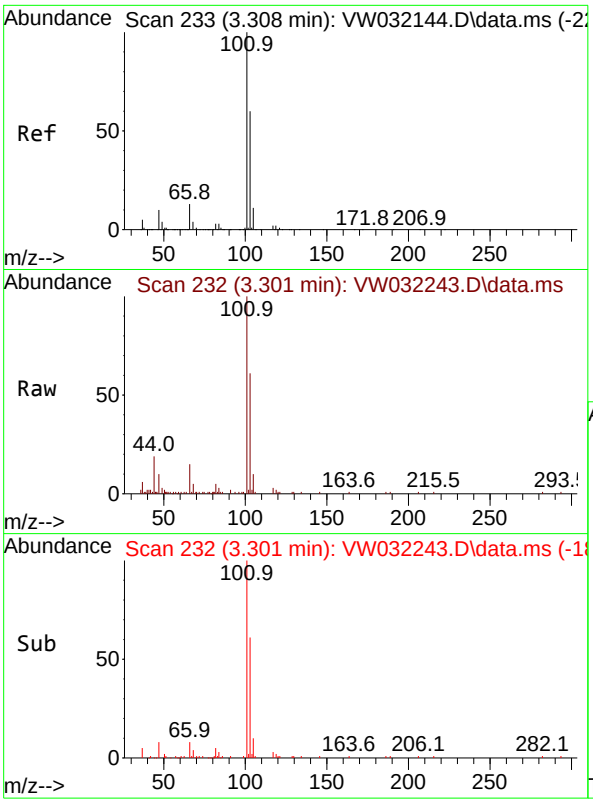


#6
Chloroethane
Concen: 20.136 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 64 Resp: 23986

Ion	Ratio	Lower	Upper
64	100		
66	33.1	26.2	39.4

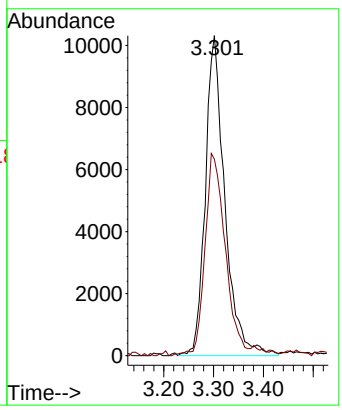




#7
Trichlorofluoromethane
Concen: 16.695 ug/l
RT: 3.301 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:101 Resp: 2798

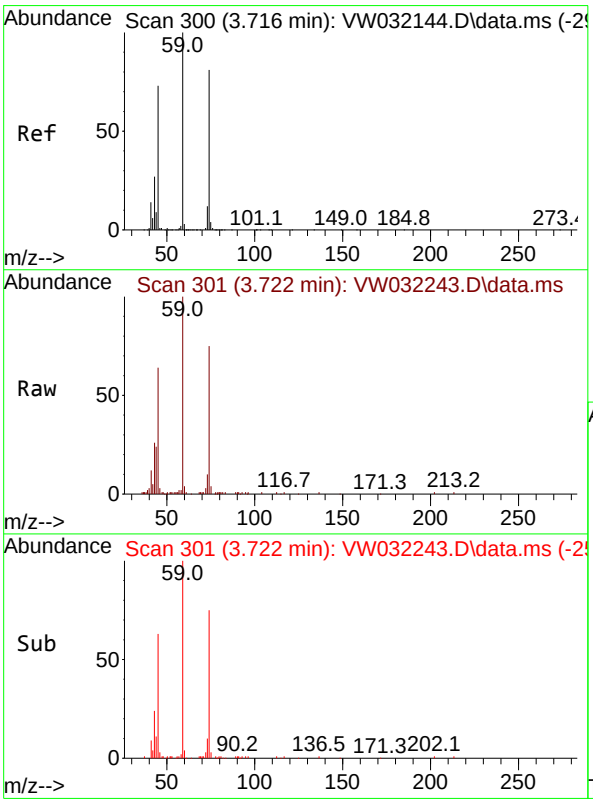
Ion	Ratio	Lower	Upper
101	100		
103	60.9	47.8	71.8



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

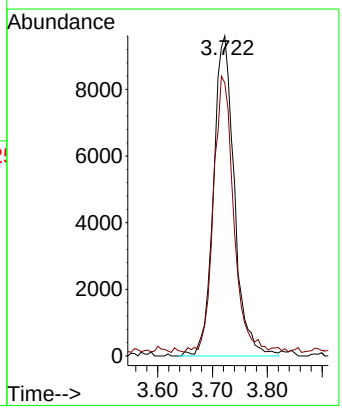
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

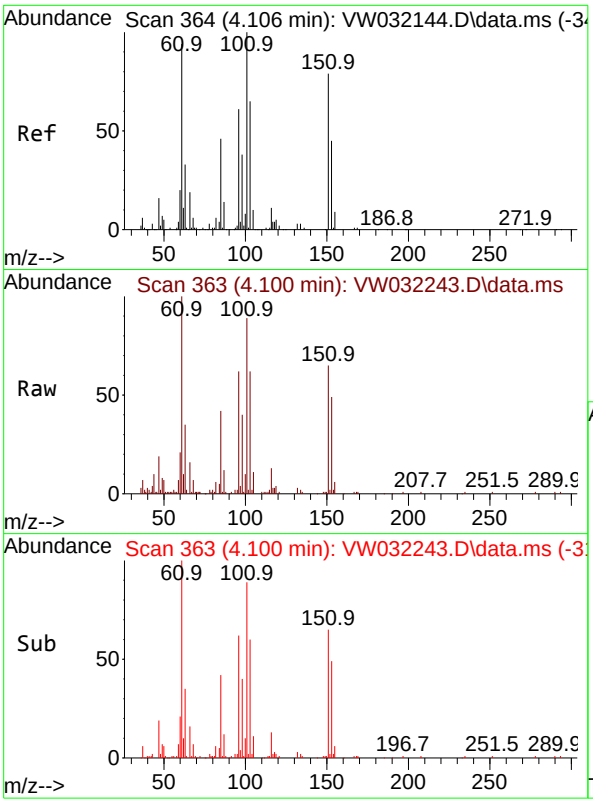


#8
Diethyl Ether
Concen: 20.273 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 74 Resp: 25355

Ion	Ratio	Lower	Upper
74	100		
45	83.4	43.1	129.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.410 ug/l
RT: 4.100 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

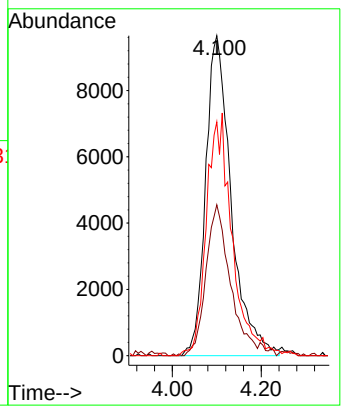
Tgt Ion:101 Resp: 3853

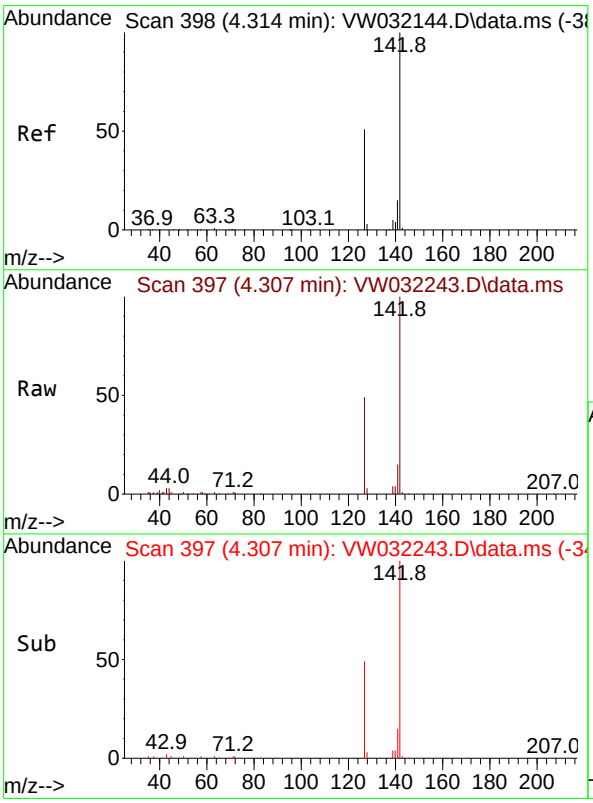
Ion	Ratio	Lower	Upper
101	100		
85	44.7	37.1	55.7
151	75.6	61.5	92.3

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
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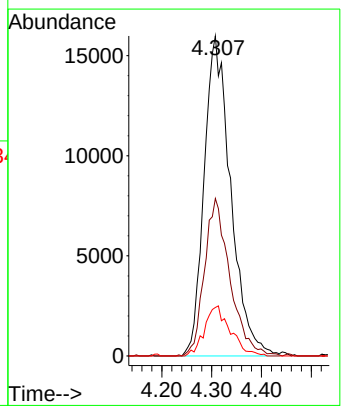


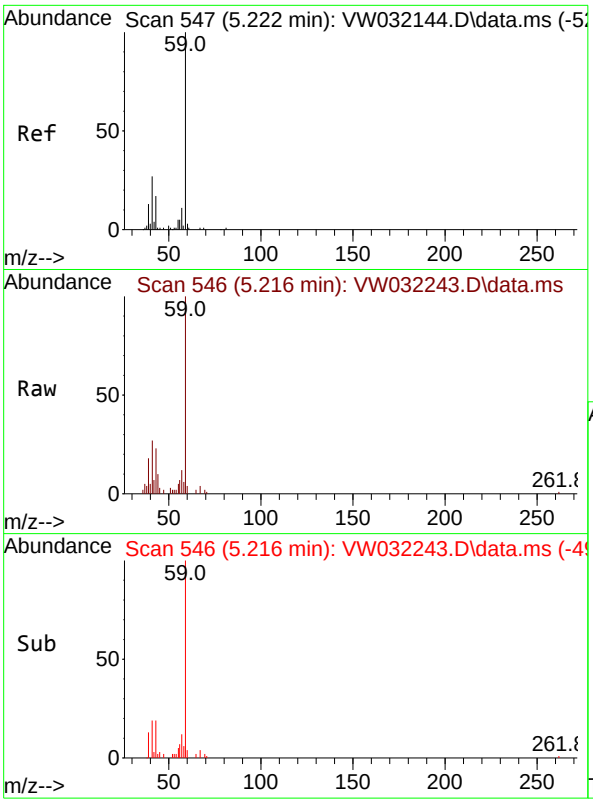


#10
Methyl Iodide
Concen: 20.531 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:142 Resp: 59021

Ion	Ratio	Lower	Upper
142	100		
127	47.3	38.2	57.2
141	15.2	12.2	18.2

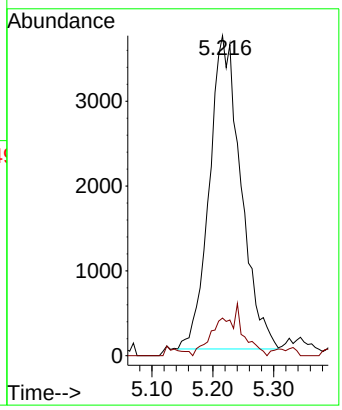




#11
Tert butyl alcohol
Concen: 80.761 ug/l
RT: 5.216 min Scan# 5
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 59 Resp: 1329

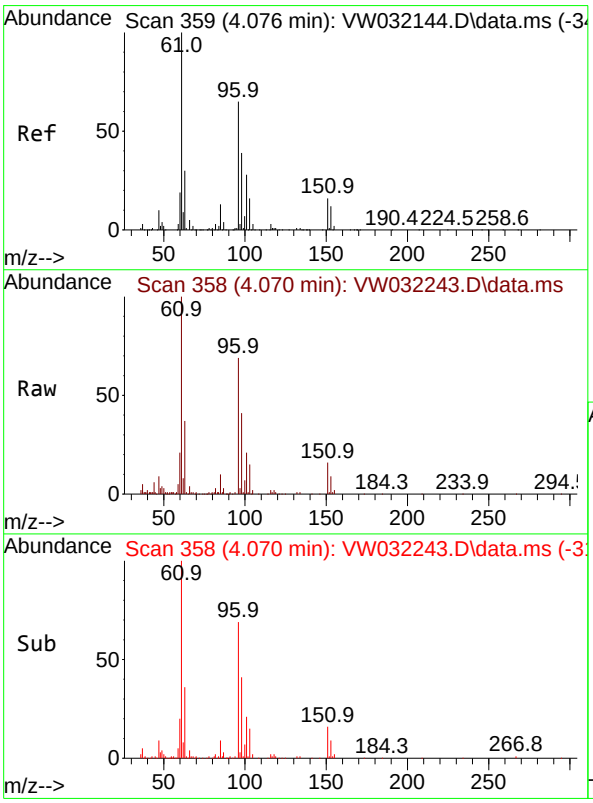
Ion	Ratio	Lower	Upper
59	100		
57	6.4	9.8	14.6



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

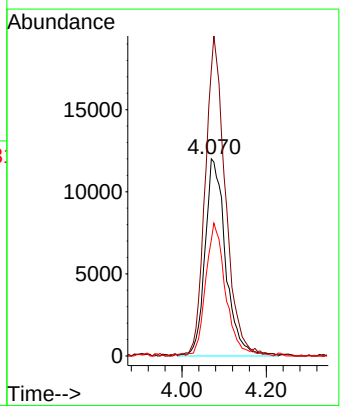
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

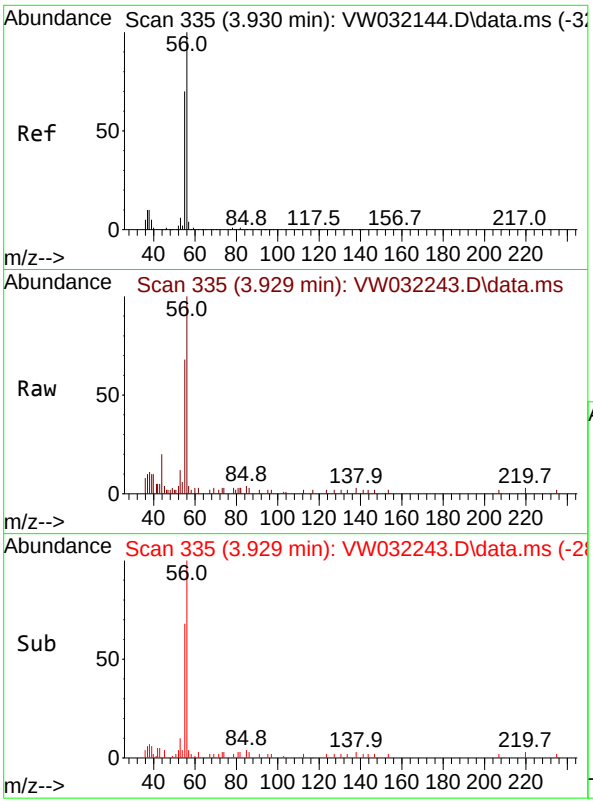


#12
1,1-Dichloroethene
Concen: 20.536 ug/l
RT: 4.070 min Scan# 358
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 96 Resp: 40831

Ion	Ratio	Lower	Upper
96	100		
61	144.5	123.0	184.4
98	58.0	48.5	72.7

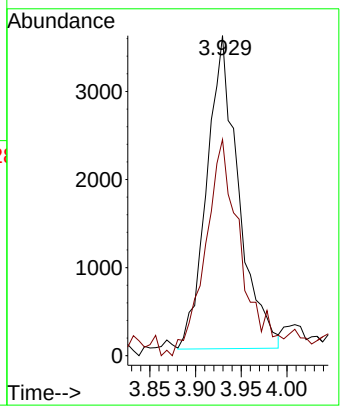




#13
Acrolein
Concen: 33.980 ug/l
RT: 3.929 min Scan# 3
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 56 Resp: 859

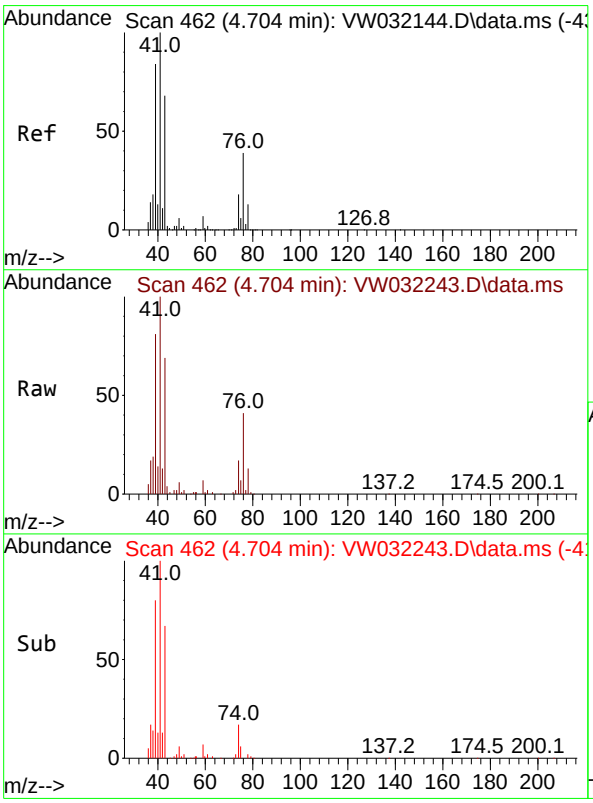
Ion	Ratio	Lower	Upper
56	100		
55	77.0	56.4	84.6



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

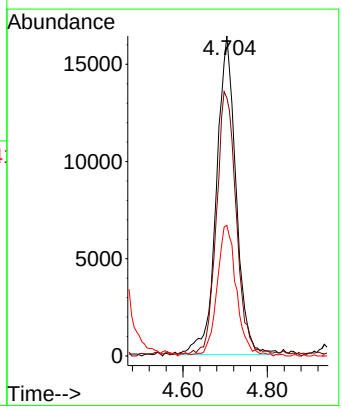
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

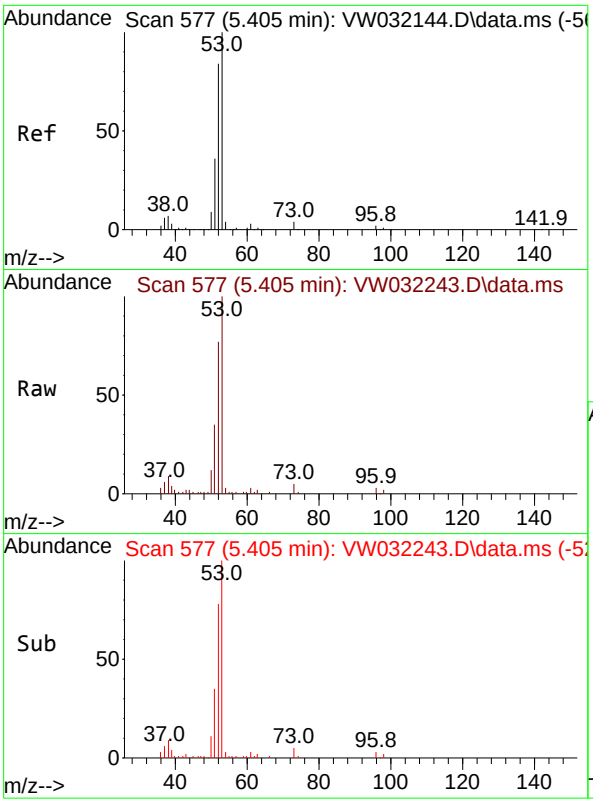


#14
Allyl chloride
Concen: 18.805 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 41 Resp: 53110

Ion	Ratio	Lower	Upper
41	100		
39	82.1	64.1	96.1
76	40.3	31.4	47.2





#15
Acrylonitrile
Concen: 96.294 ug/l
RT: 5.405 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

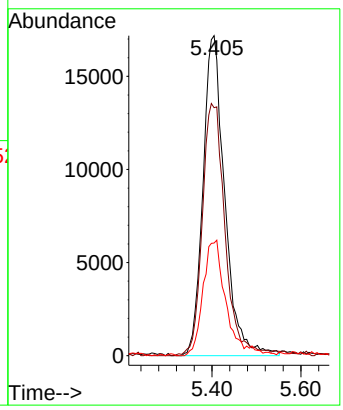
Tgt Ion: 53 Resp: 5855

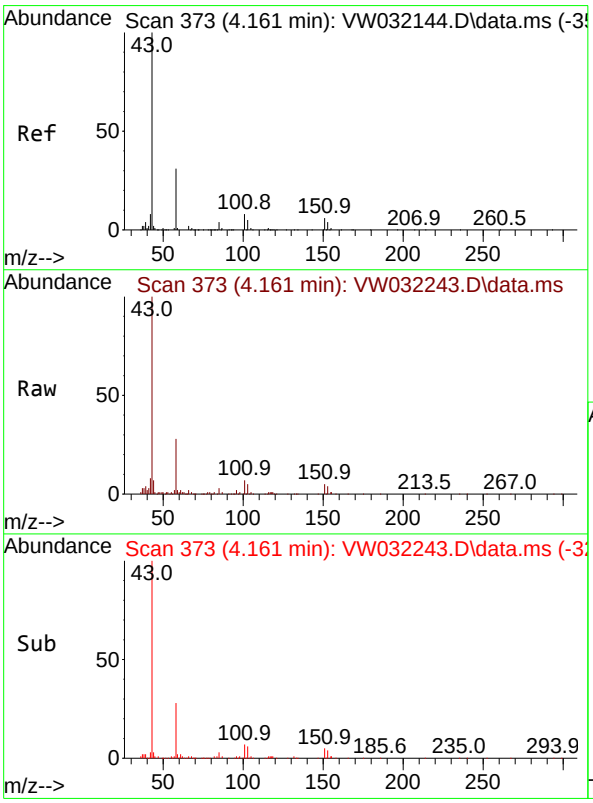
Ion	Ratio	Lower	Upper
53	100		
52	82.2	67.4	101.2
51	38.2	30.3	45.5

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

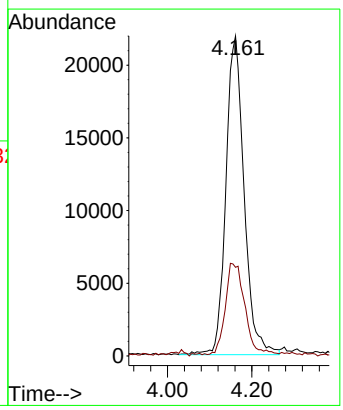


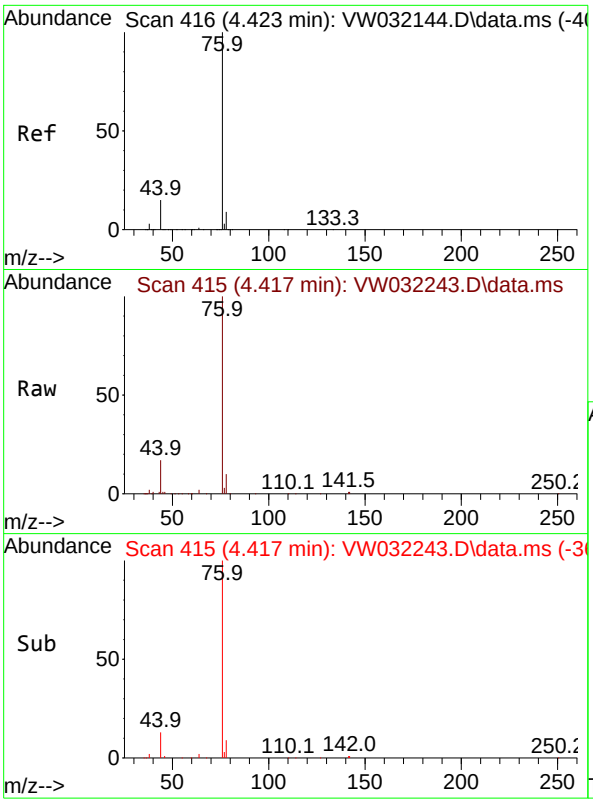


#16
Acetone
Concen: 112.627 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 65626

Ion	Ratio	Lower	Upper
43	100		
58	27.1	25.3	37.9

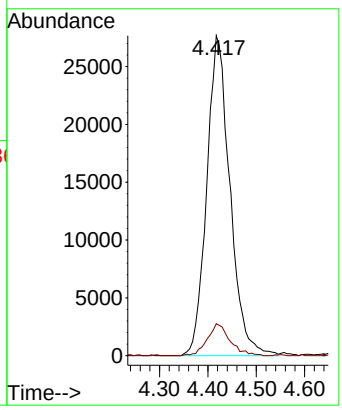




#17
Carbon Disulfide
Concen: 18.547 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 76 Resp: 9223

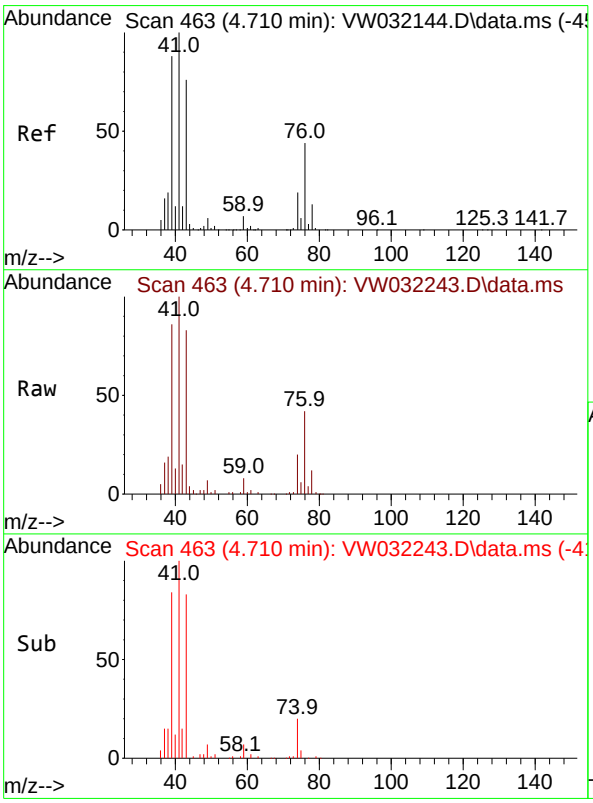
Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.0	10.6



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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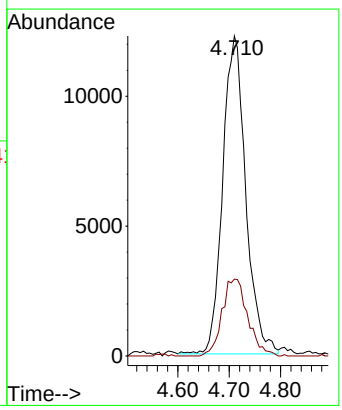
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

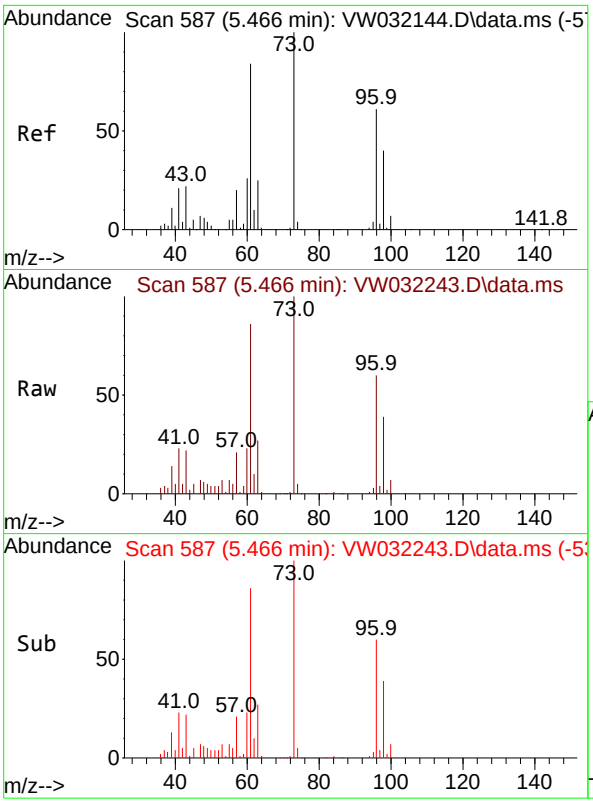


#18
Methyl Acetate
Concen: 20.525 ug/l
RT: 4.710 min Scan# 463
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 38105

Ion	Ratio	Lower	Upper
43	100		
74	26.9	20.2	30.4

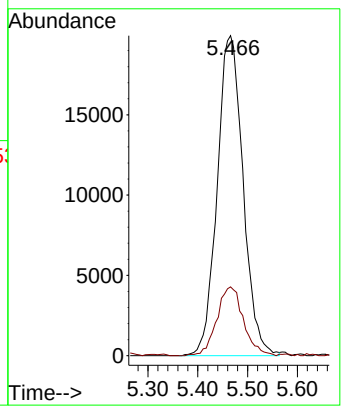




#19
Methyl tert-butyl Ether
Concen: 19.151 ug/l
RT: 5.466 min Scan# 5
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 73 Resp: 7190

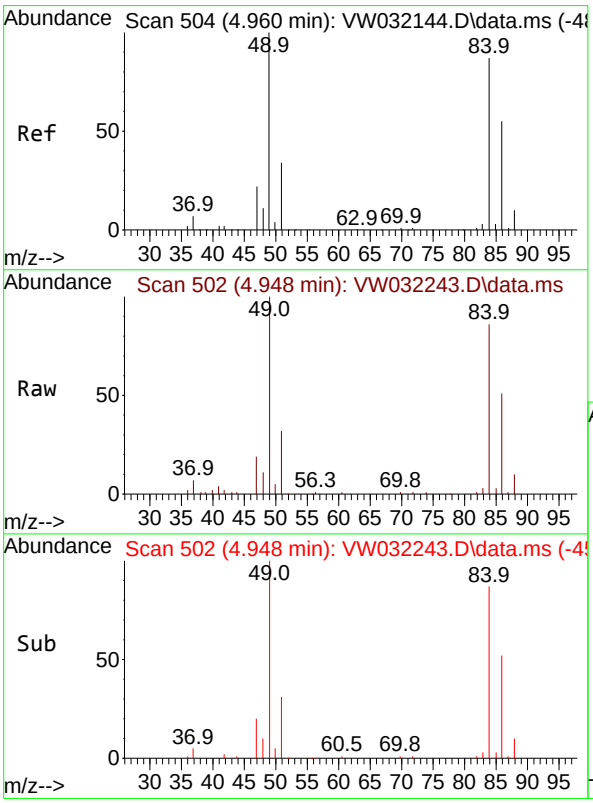
Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.2	24.4



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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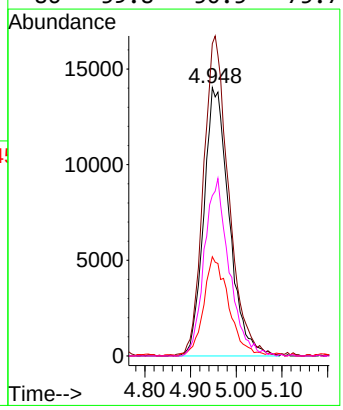
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

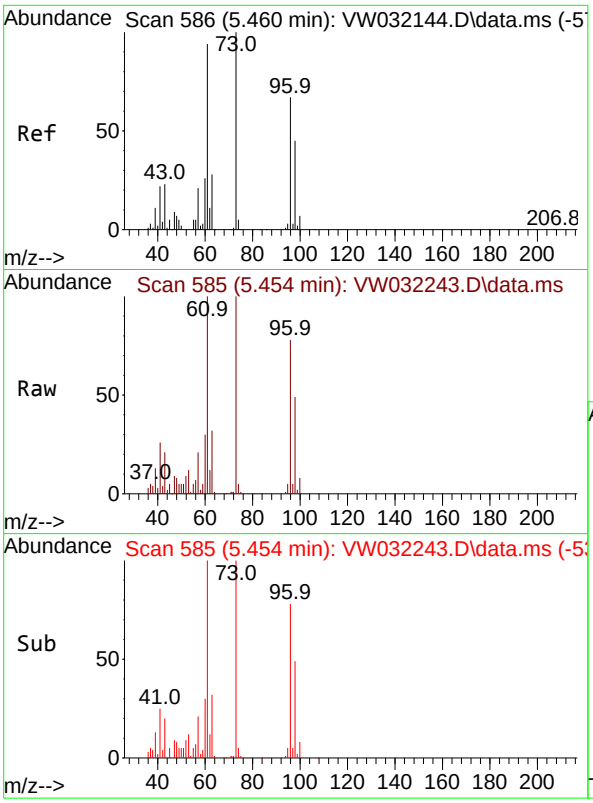


#20
Methylene Chloride
Concen: 19.989 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 84 Resp: 54029

Ion	Ratio	Lower	Upper
84	100		
49	115.7	92.2	138.4
51	36.6	31.0	46.6
86	59.8	50.5	75.7





#21
trans-1,2-Dichloroethene
Concen: 20.485 ug/l
RT: 5.454 min Scan# 5
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

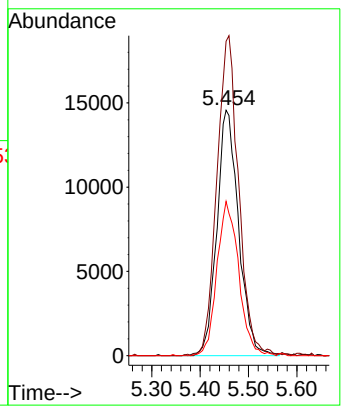
Tgt Ion: 96 Resp: 4550

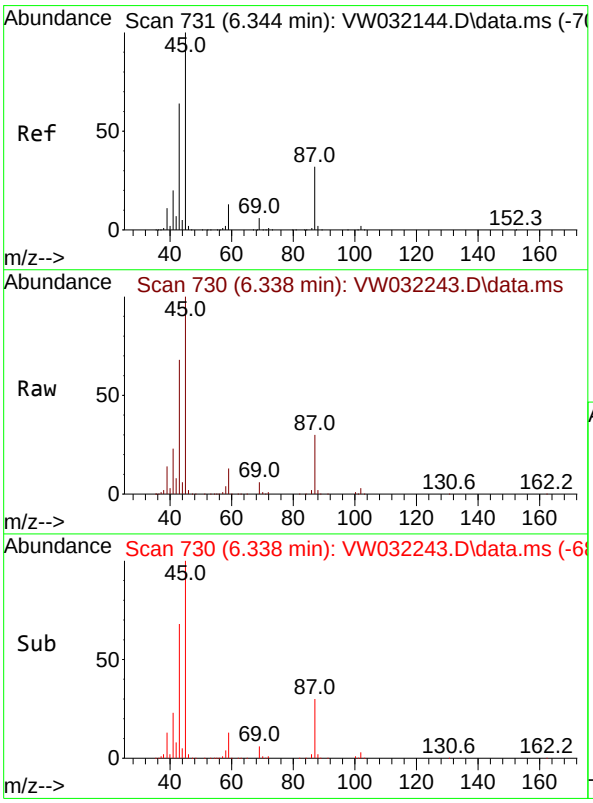
Ion	Ratio	Lower	Upper
96	100		
61	128.1	112.5	168.7
98	62.9	54.2	81.4

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

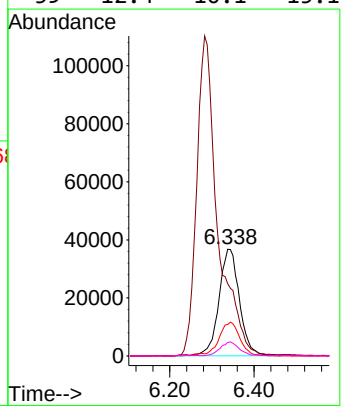


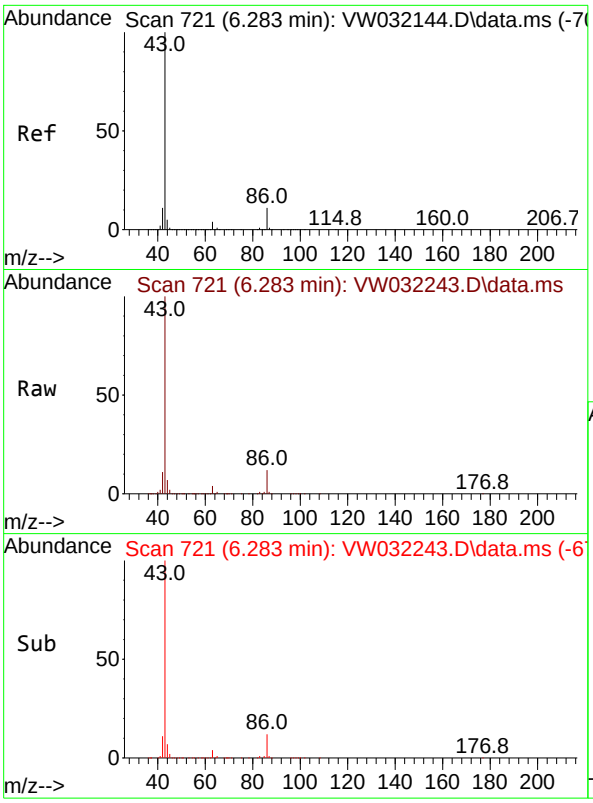


#22
Diisopropyl ether
Concen: 20.058 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 45 Resp: 123292

Ion	Ratio	Lower	Upper
45	100		
43	67.1	51.4	77.2
87	29.6	25.9	38.9
59	12.4	10.1	15.1





#23
Vinyl Acetate
Concen: 91.454 ug/l
RT: 6.283 min Scan# 7
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

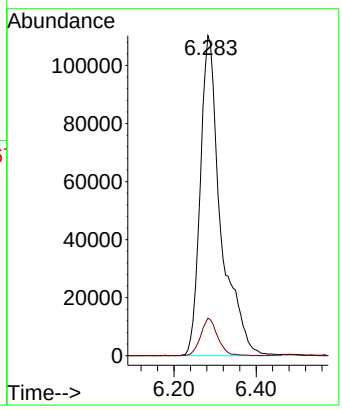
Tgt Ion: 43 Resp: 38220

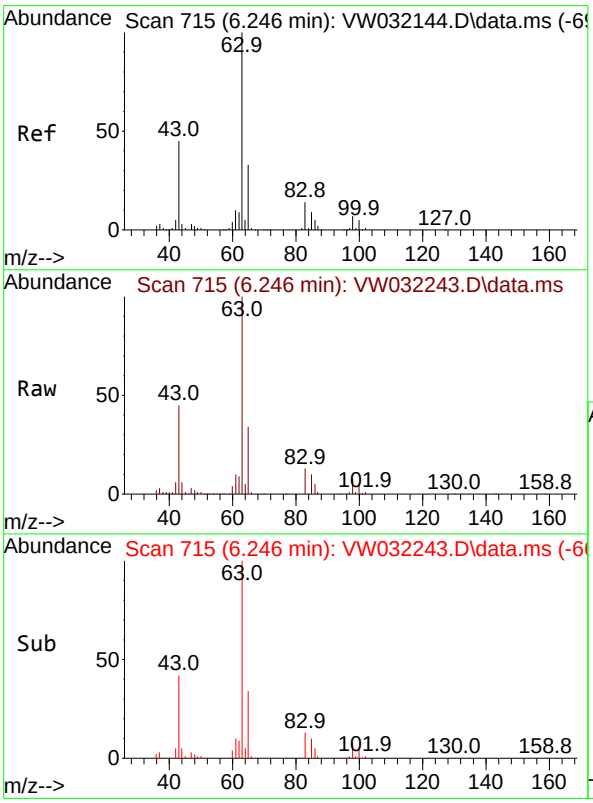
Ion	Ratio	Lower	Upper
43	100		
86	11.7	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

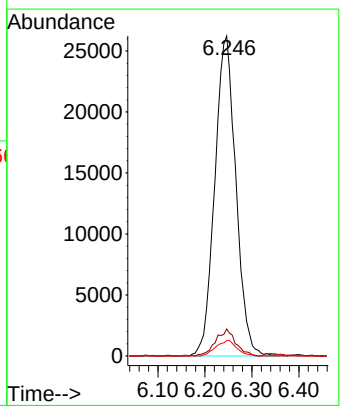


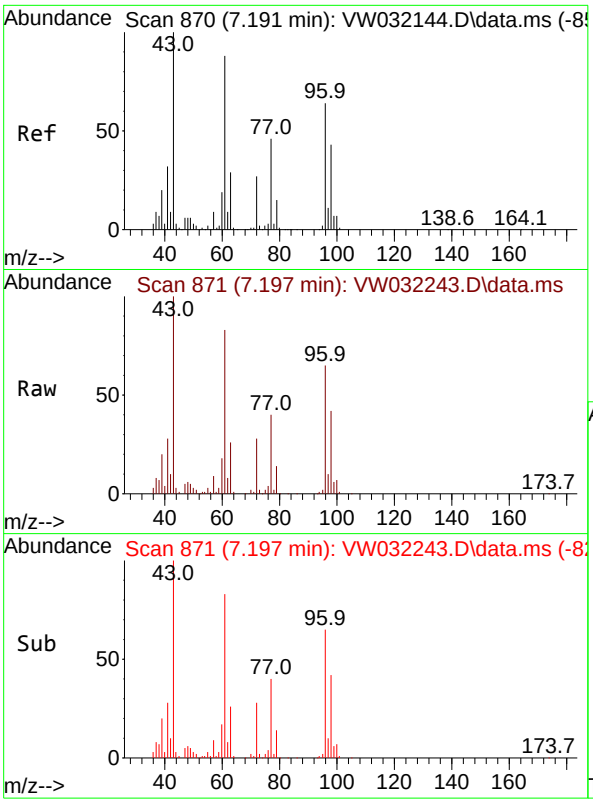


#24
1,1-Dichloroethane
Concen: 20.339 ug/l
RT: 6.246 min Scan# 715
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 63 Resp: 81848

Ion	Ratio	Lower	Upper
63	100		
98	8.5	3.8	11.2
100	4.7	2.5	7.5

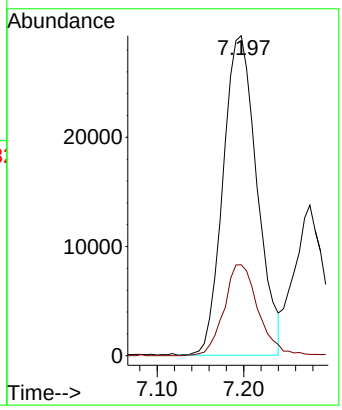




#25
2-Butanone
Concen: 96.413 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 7960

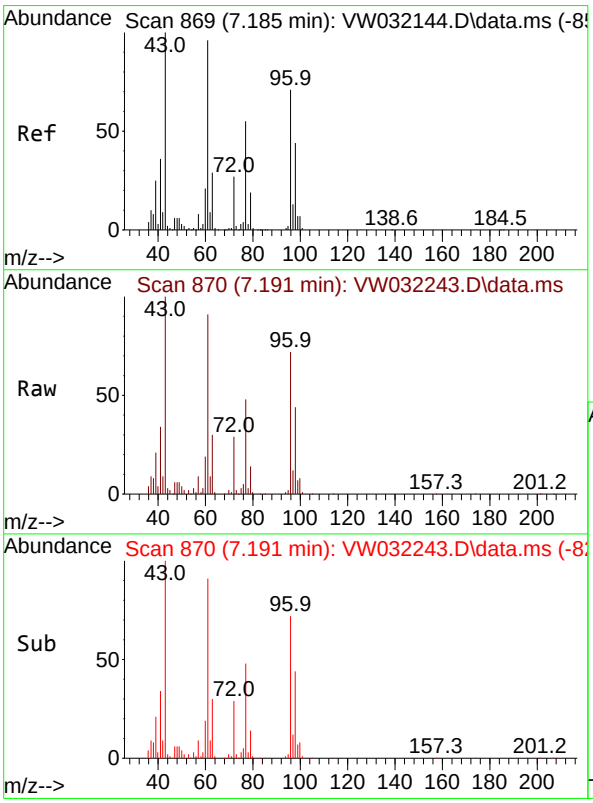
Ion	Ratio	Lower	Upper
43	100		
72	28.5	21.4	32.2



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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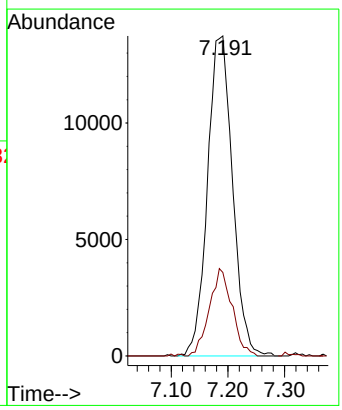
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

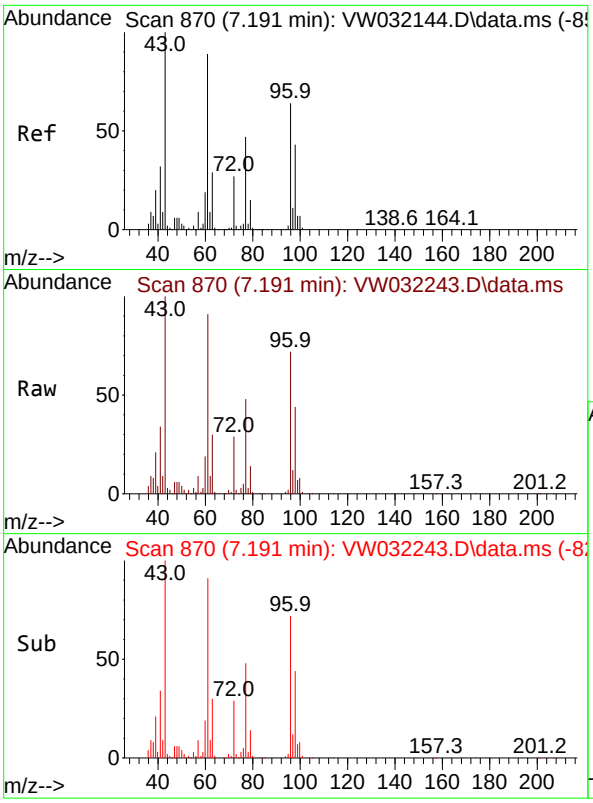


#26
2,2-Dichloropropane
Concen: 19.729 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 77 Resp: 42044

Ion	Ratio	Lower	Upper
77	100		
97	24.8	11.9	35.5

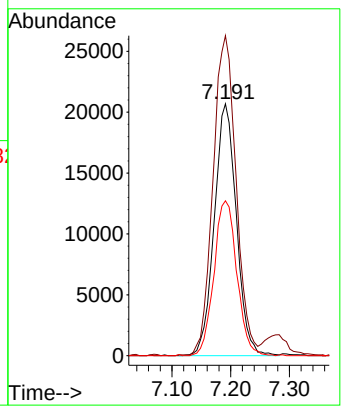




#27
cis-1,2-Dichloroethene
Concen: 20.022 ug/l
RT: 7.191 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 96 Resp: 5411

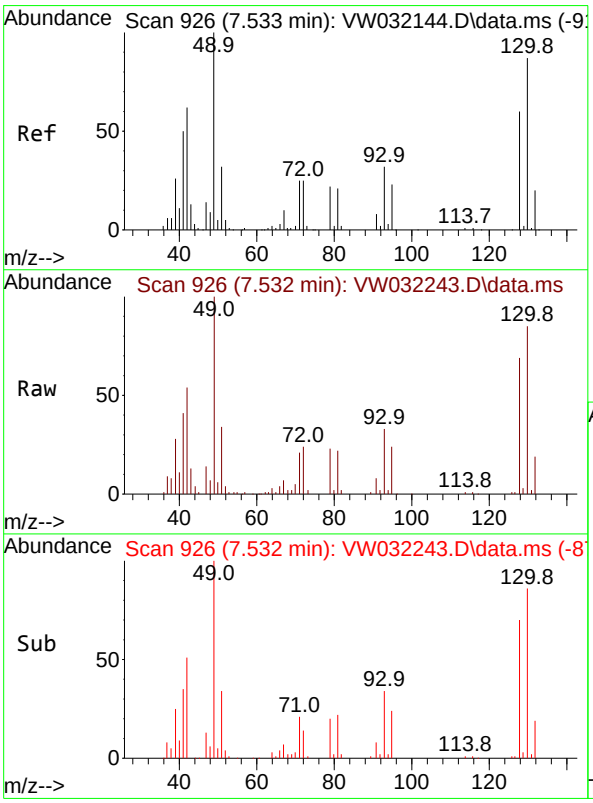
Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	268.0
98	63.6	0.0	130.8



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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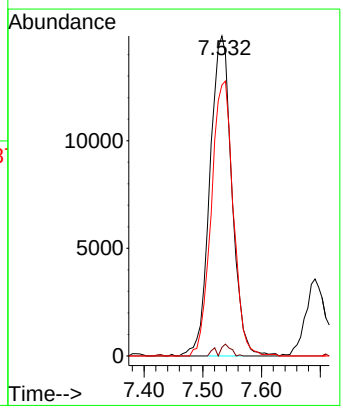
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

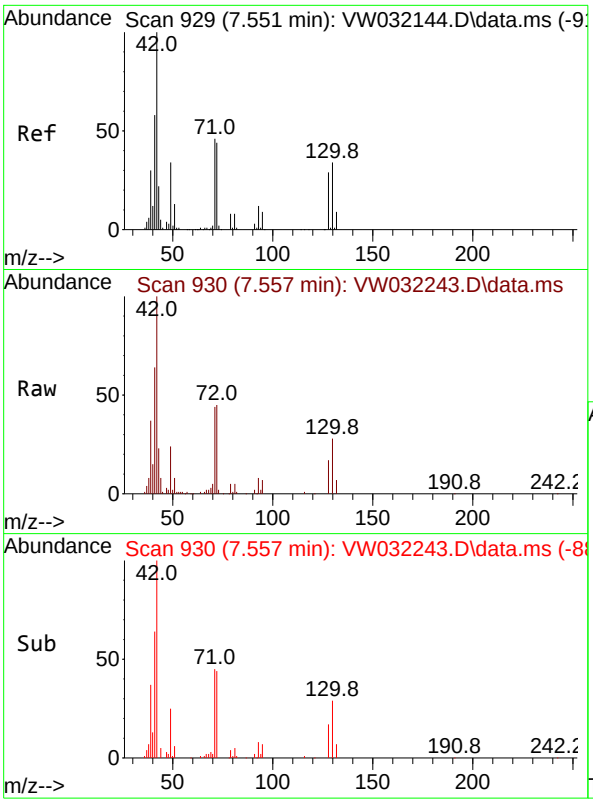


#28
Bromochloromethane
Concen: 20.944 ug/l
RT: 7.532 min Scan# 926
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 49 Resp: 38581

Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	86.0	67.5	101.3

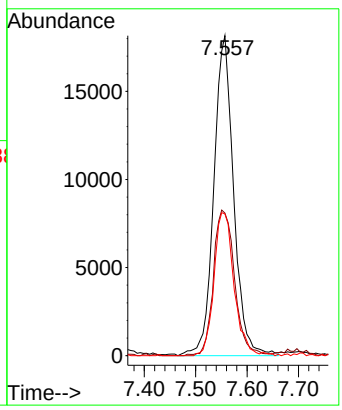




#29
Tetrahydrofuran
Concen: 92.832 ug/l
RT: 7.557 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 42 Resp: 4870

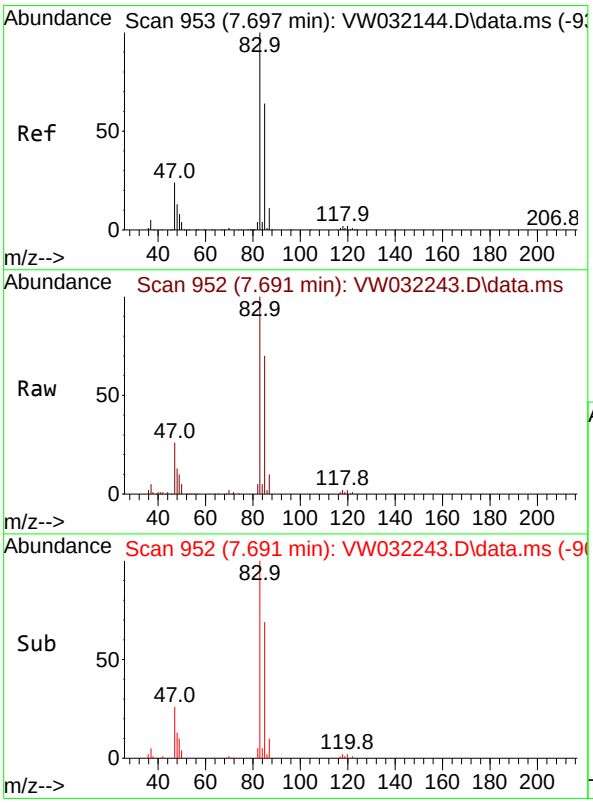
Ion	Ratio	Lower	Upper
42	100		
72	48.6	37.4	56.2
71	44.8	36.0	54.0



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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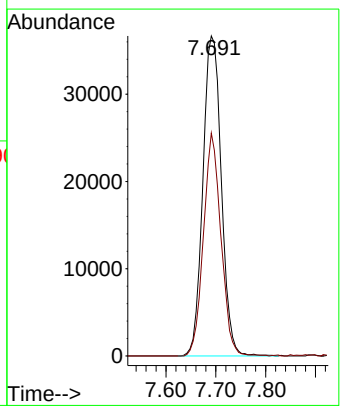
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

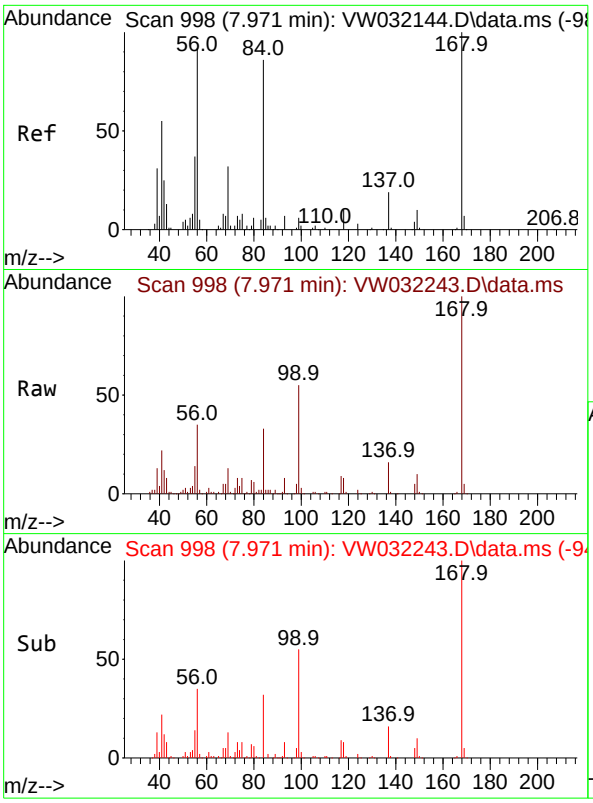


#30
Chloroform
Concen: 20.487 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 83 Resp: 94126

Ion	Ratio	Lower	Upper
83	100		
85	69.7	51.2	76.8

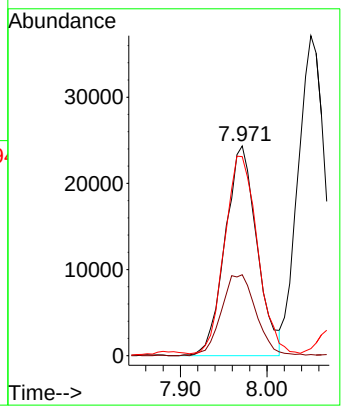




#31
Cyclohexane
Concen: 18.846 ug/l
RT: 7.971 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 56 Resp: 6224

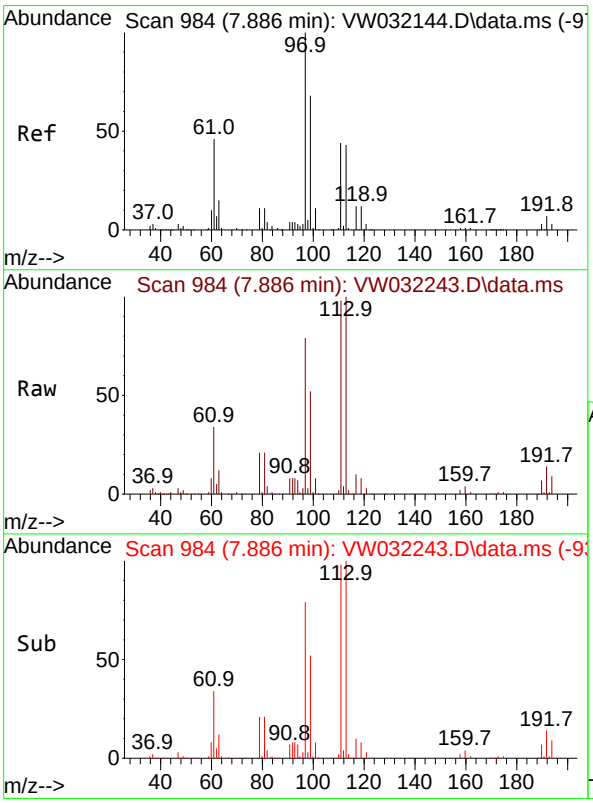
Ion	Ratio	Lower	Upper
56	100		
69	38.6	27.7	41.5
84	93.3	74.6	112.0



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

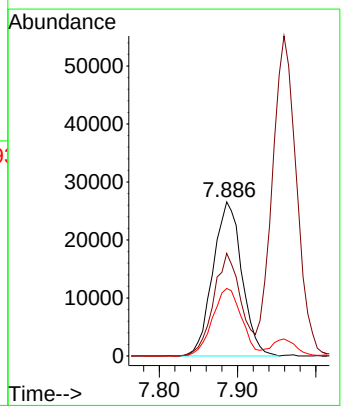
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

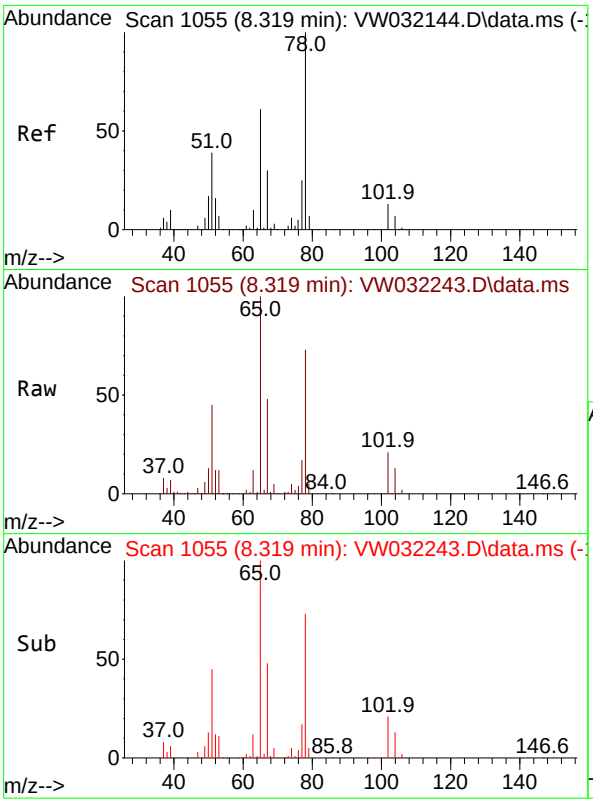


#32
1,1,1-Trichloroethane
Concen: 20.332 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 97 Resp: 68192

Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.9	76.3
61	44.1	36.2	54.4

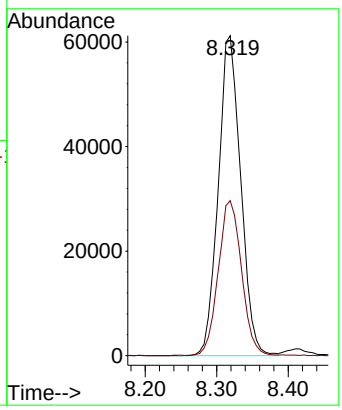




#33
1,2-Dichloroethane-d4
Concen: 49.600 ug/l
RT: 8.319 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 65 Resp: 13344

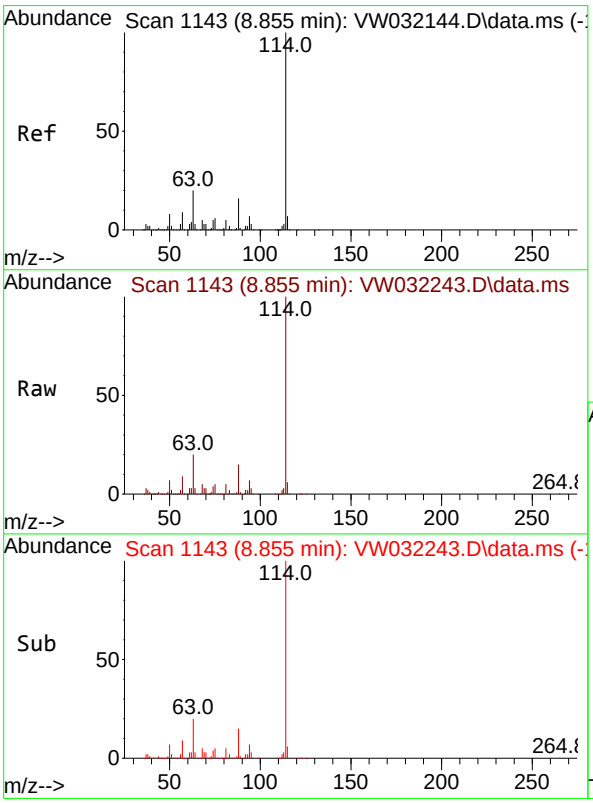
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.6



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

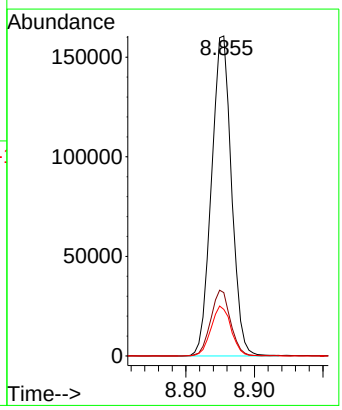
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

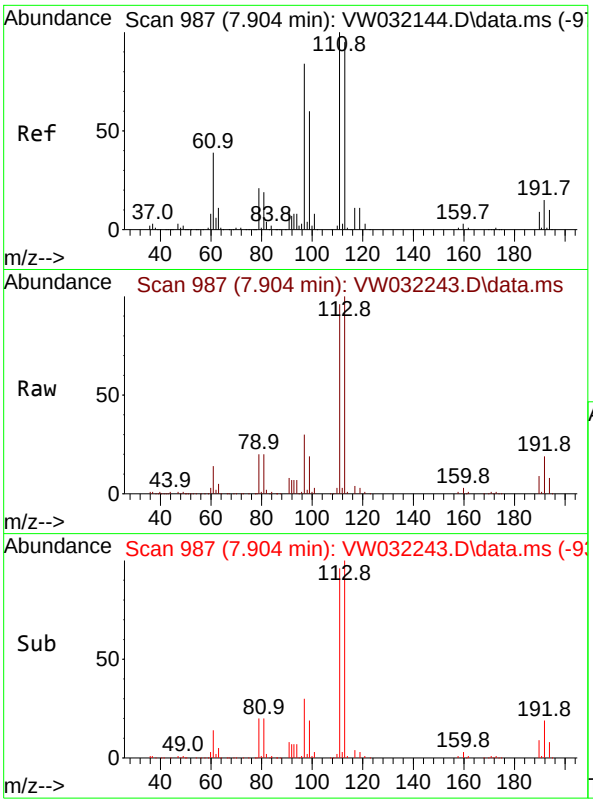


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:114 Resp: 324992

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.4
88	14.6	0.0	32.0

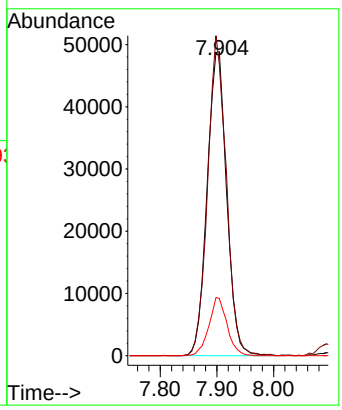




#35
Dibromofluoromethane
Concen: 51.282 ug/l
RT: 7.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:113 Resp: 11692

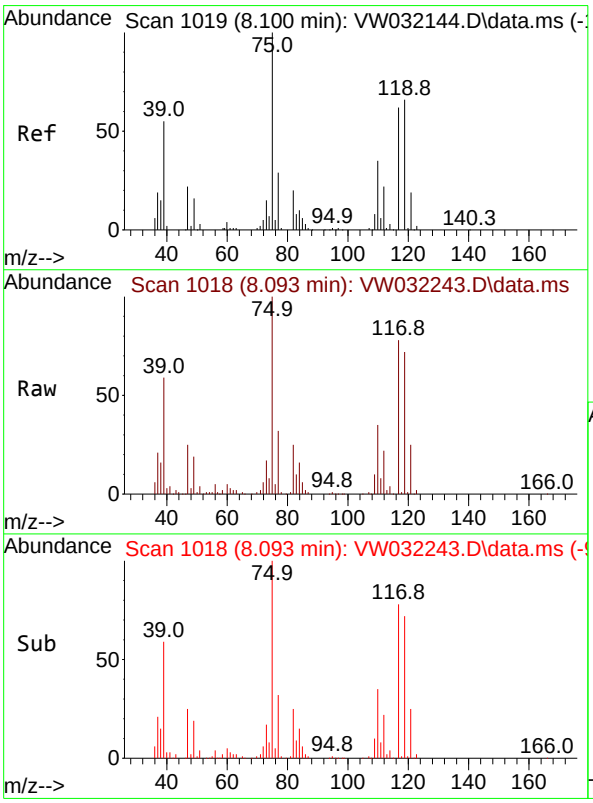
Ion	Ratio	Lower	Upper
113	100		
111	100.3	83.9	125.9
192	17.8	14.6	21.8



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

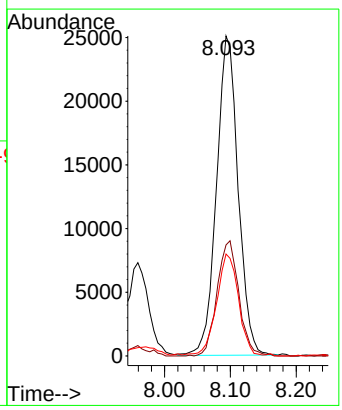
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

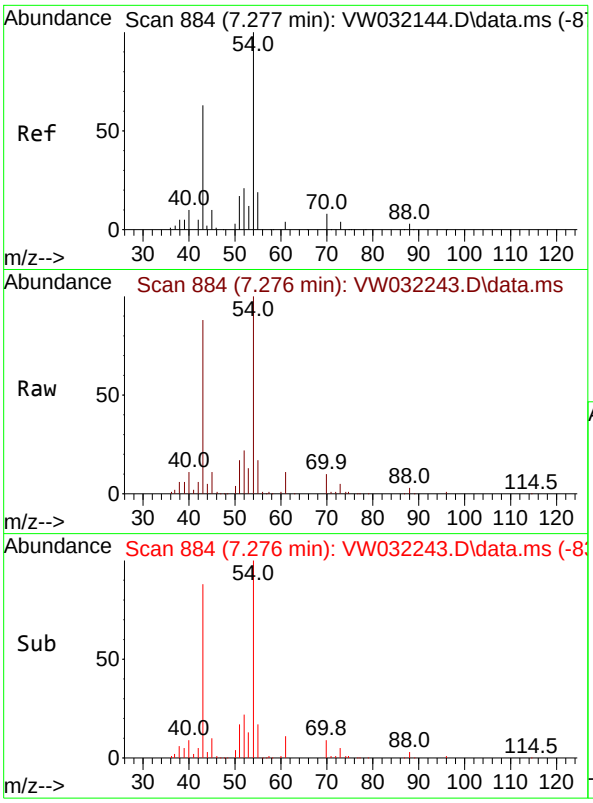


#36
1,1-Dichloropropene
Concen: 19.429 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 75 Resp: 57438

Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.5	52.5
77	31.8	24.1	36.1

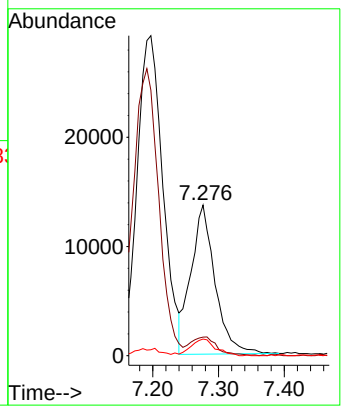




#37
Ethyl Acetate
Concen: 19.586 ug/l
RT: 7.276 min Scan# 8
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 3473

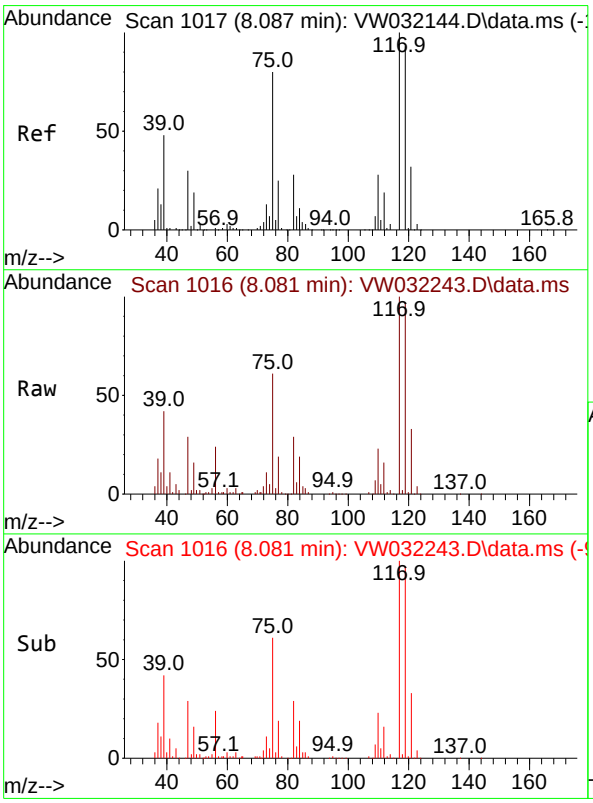
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.3	16.9
70	11.5	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

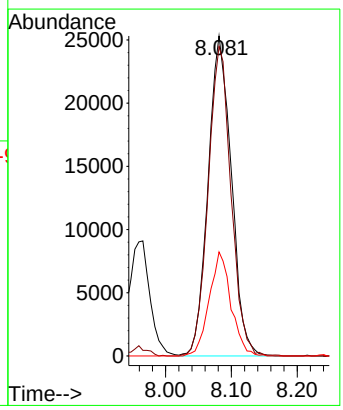
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

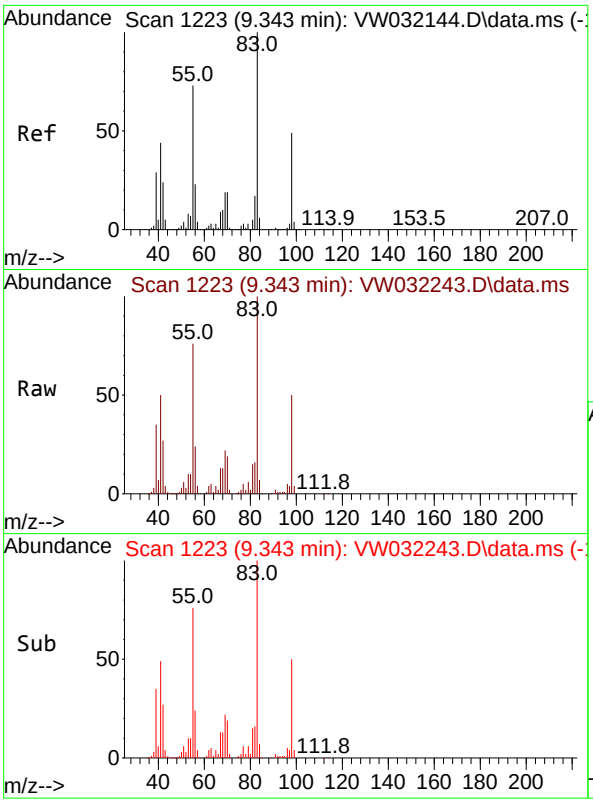


#38
Carbon Tetrachloride
Concen: 19.688 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:117 Resp: 62396

Ion	Ratio	Lower	Upper
117	100		
119	96.8	74.2	111.2
121	32.5	25.6	38.4

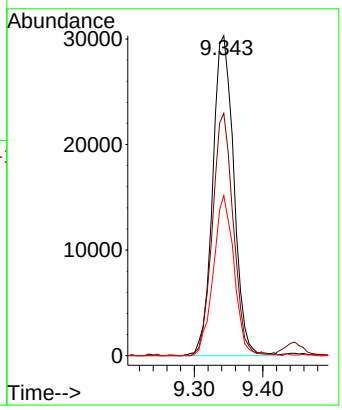




#39
Methylcyclohexane
Concen: 18.503 ug/l
RT: 9.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 83 Resp: 6479

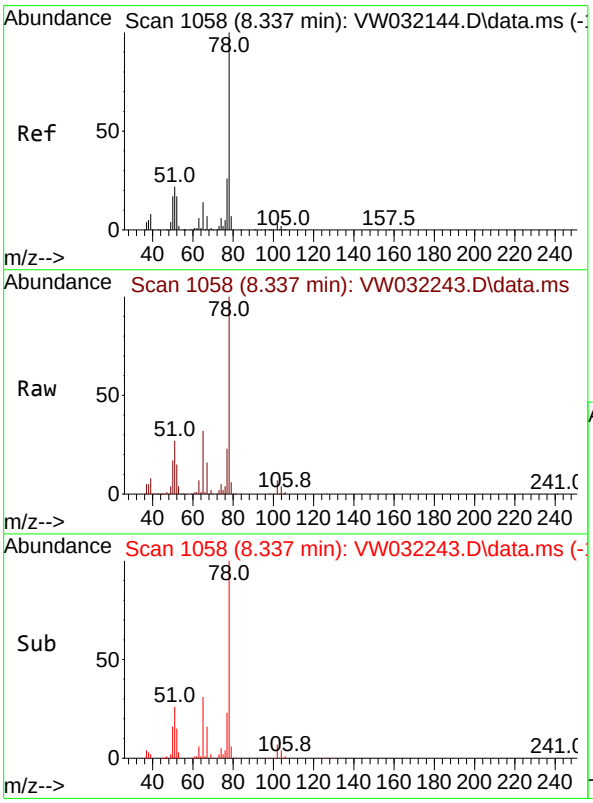
Ion	Ratio	Lower	Upper
83	100		
55	75.7	58.4	87.6
98	50.0	39.4	59.2



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

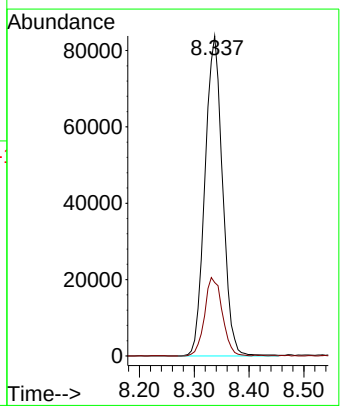
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

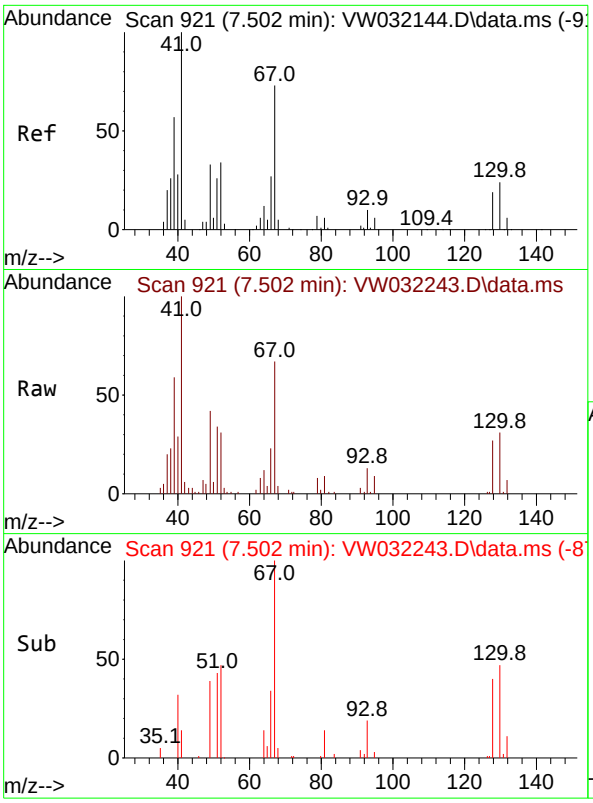


#40
Benzene
Concen: 20.366 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 78 Resp: 186114

Ion	Ratio	Lower	Upper
78	100		
77	23.0	20.7	31.1

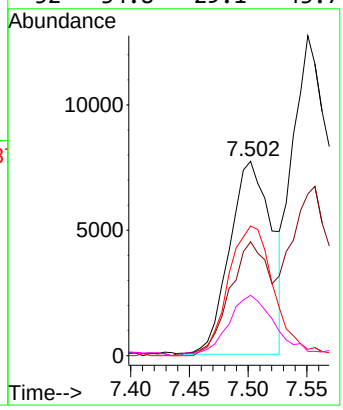




#41
Methacrylonitrile
Concen: 19.556 ug/l
RT: 7.502 min Scan# 9
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 41 Resp: 1926

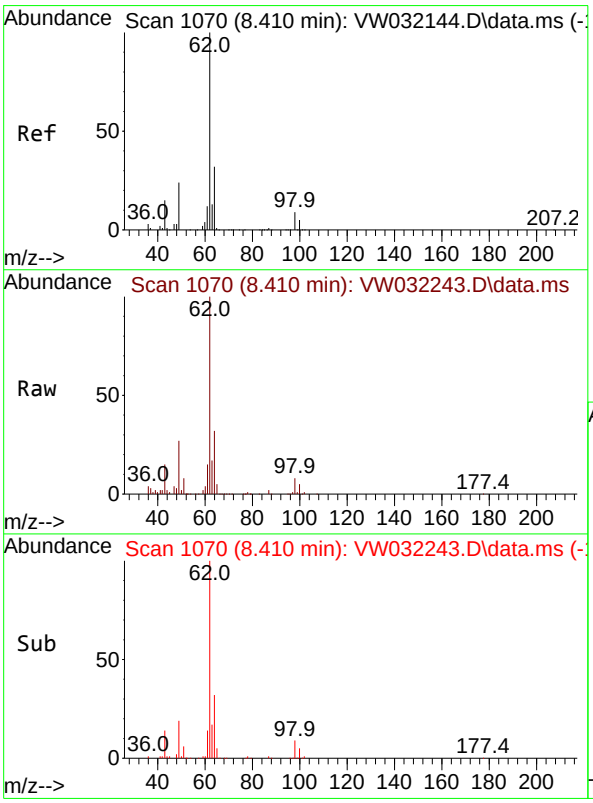
Ion	Ratio	Lower	Upper
41	100		
39	54.2	50.9	76.3
67	73.1	65.6	98.4
52	34.8	29.1	43.7



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

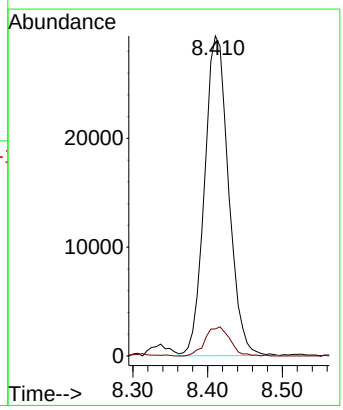
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

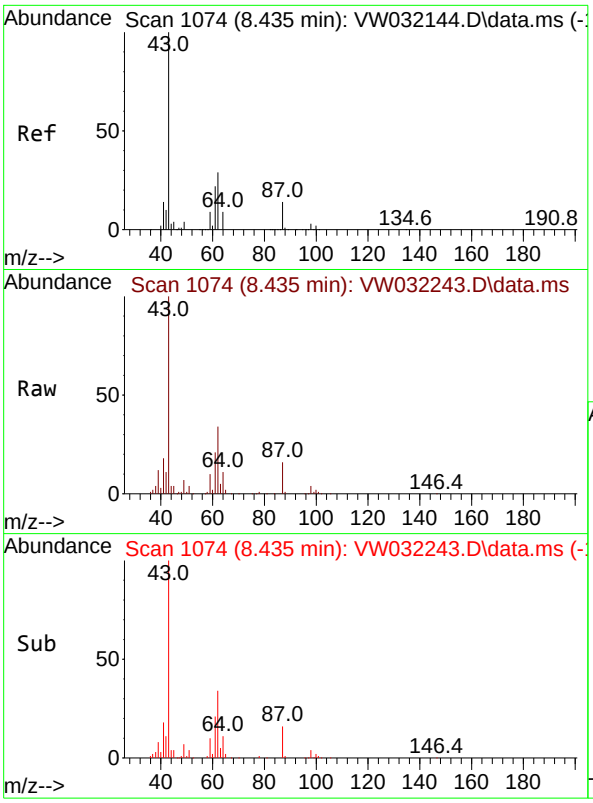


#42
1,2-Dichloroethane
Concen: 20.696 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 62 Resp: 65566

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

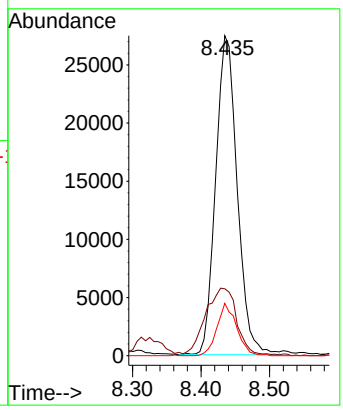




#43
Isopropyl Acetate
Concen: 17.978 ug/l
RT: 8.435 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 5981

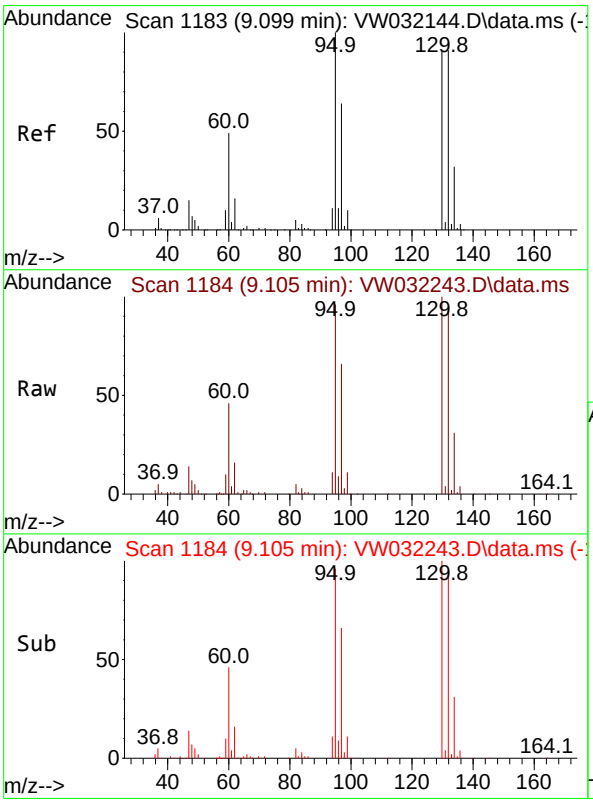
Ion	Ratio	Lower	Upper
43	100		
61	30.2	23.3	34.9
87	15.0	11.1	16.7



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

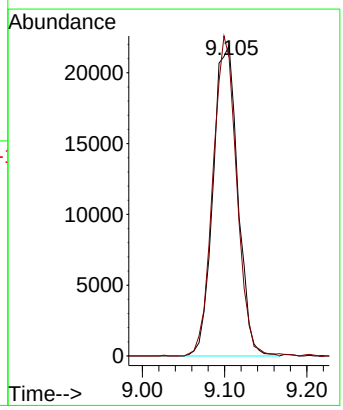
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

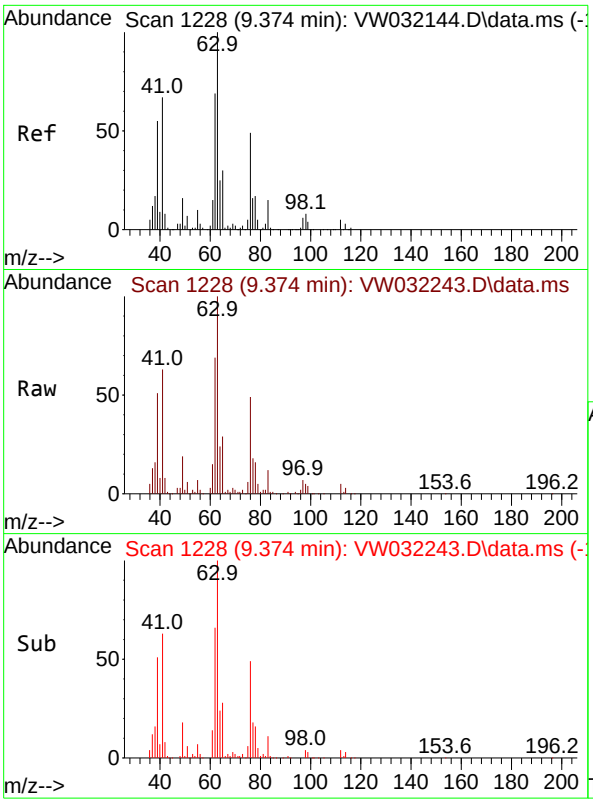


#44
Trichloroethene
Concen: 19.971 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:130 Resp: 45897

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	220.0

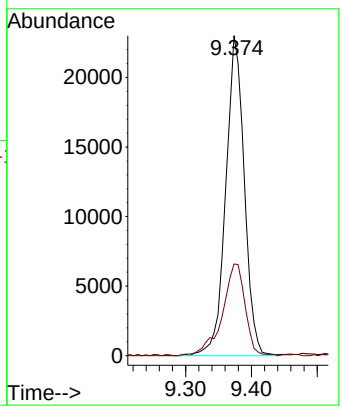




#45
1,2-Dichloropropane
Concen: 20.541 ug/l
RT: 9.374 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 63 Resp: 4525

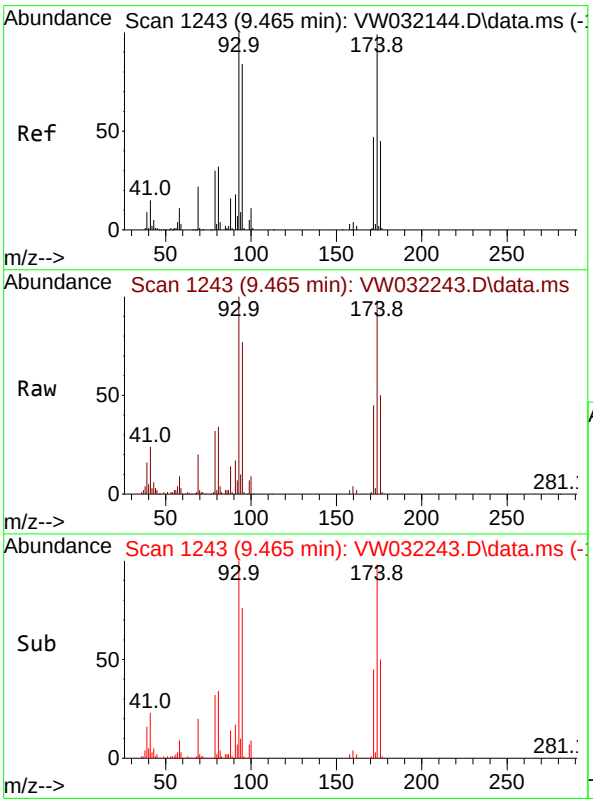
Ion	Ratio	Lower	Upper
63	100		
65	28.6	24.3	36.5



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

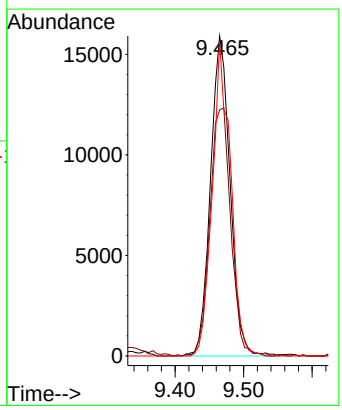
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

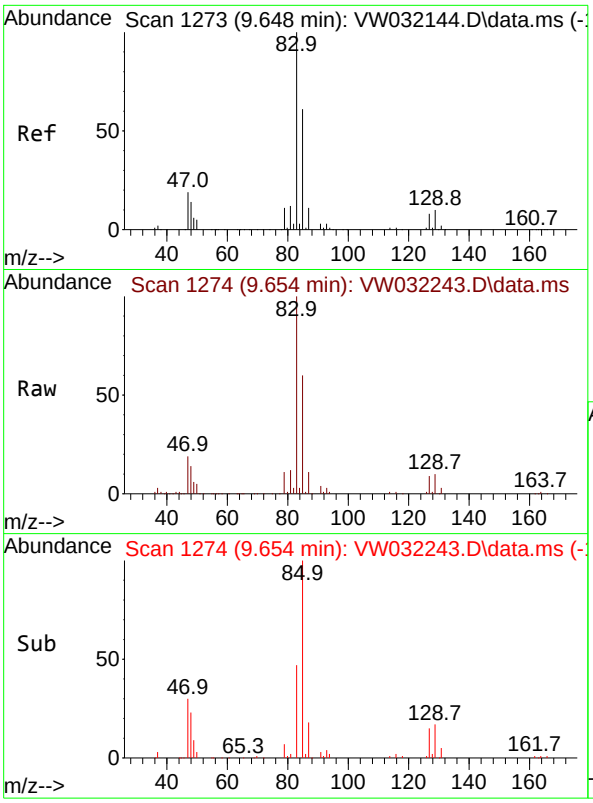


#46
Dibromomethane
Concen: 20.412 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 93 Resp: 31539

Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.4	101.2
174	91.9	75.7	113.5

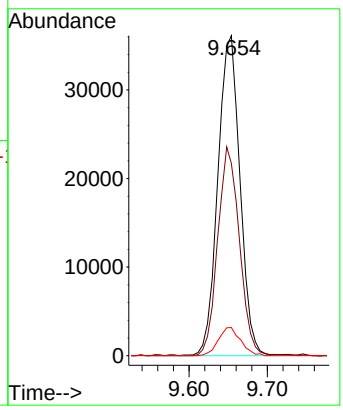




#47
Bromodichloromethane
Concen: 20.208 ug/l
RT: 9.654 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 83 Resp: 7095

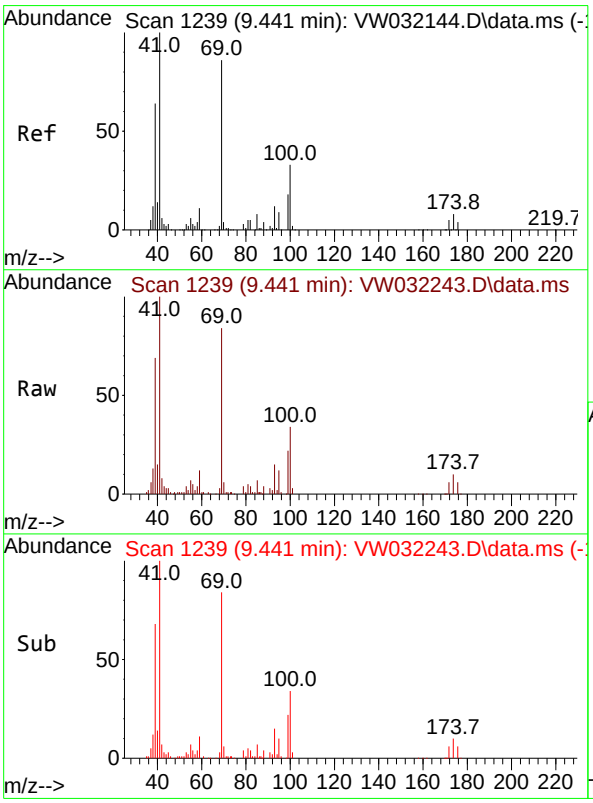
Ion	Ratio	Lower	Upper
83	100		
85	60.1	48.7	73.1
127	8.8	6.4	9.6



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

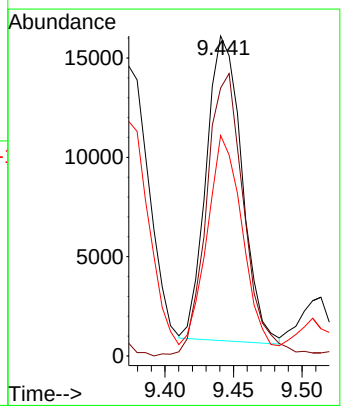
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

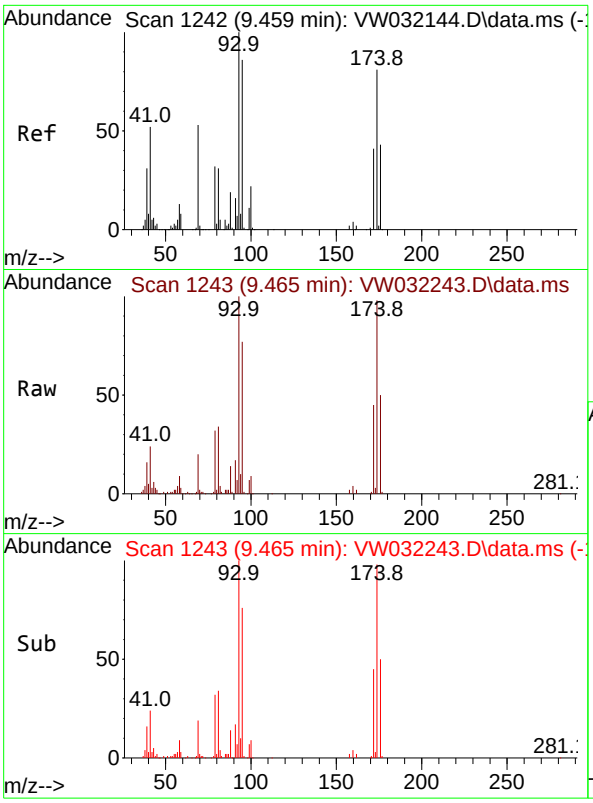


#48
Methyl methacrylate
Concen: 18.044 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 41 Resp: 27666

Ion	Ratio	Lower	Upper
41	100		
69	98.6	71.5	107.3
39	73.0	55.9	83.9

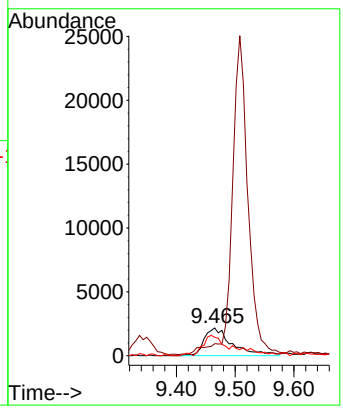




#49
1,4-Dioxane
Concen: 384.439 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 88 Resp: 717

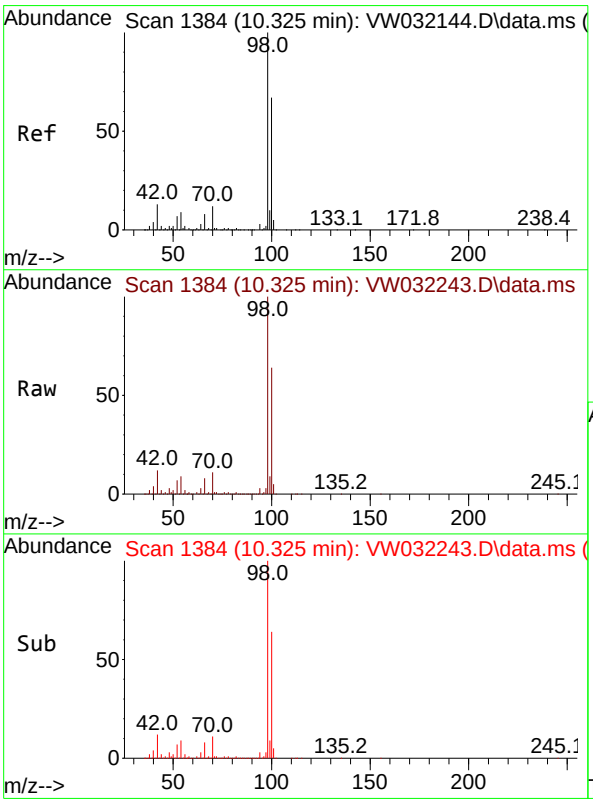
Ion	Ratio	Lower	Upper
88	100		
43	0.0	18.0	27.0#
58	49.9	55.4	83.0#



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

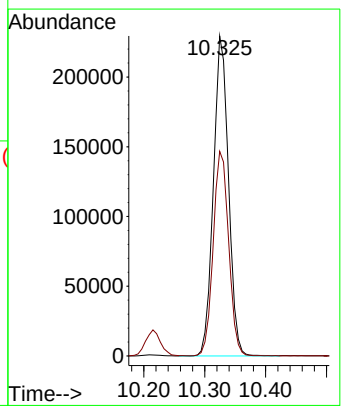
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

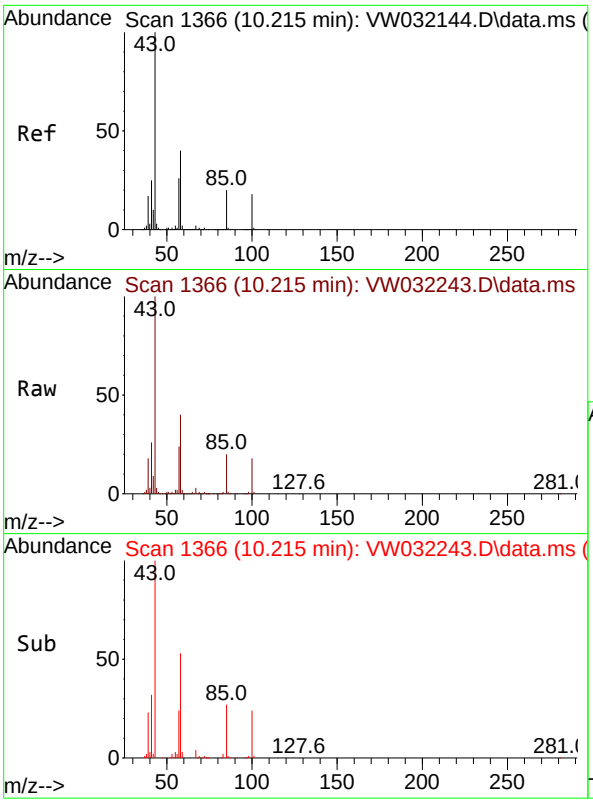


#50
Toluene-d8
Concen: 49.168 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 98 Resp: 393556

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.2

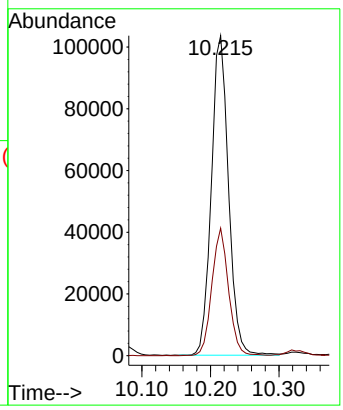




#51
4-Methyl-2-Pentanone
Concen: 95.902 ug/l
RT: 10.215 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 18016

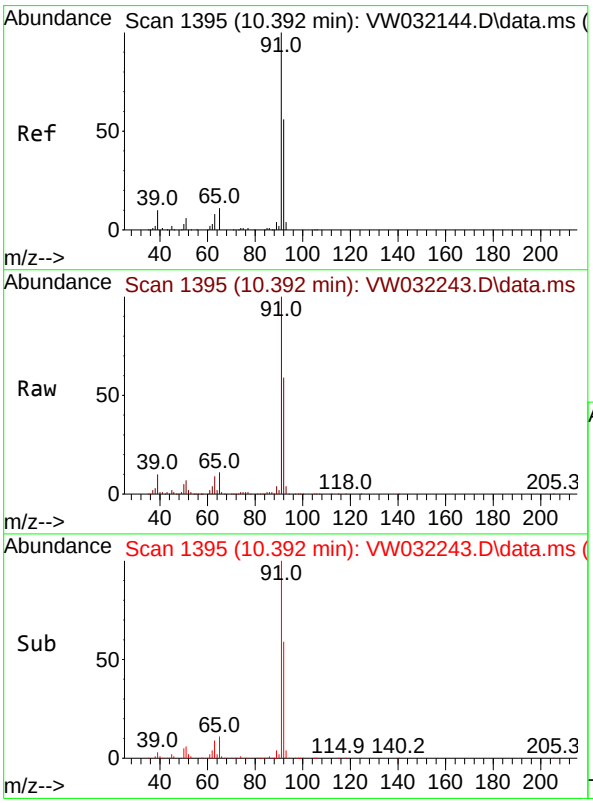
Ion	Ratio	Lower	Upper
43	100		
58	38.9	32.0	48.0



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

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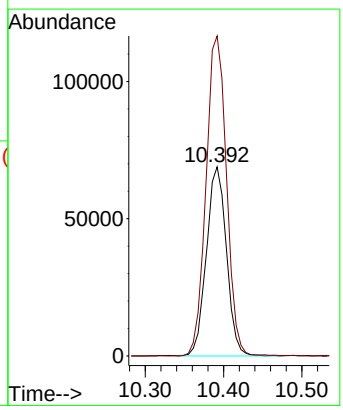
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

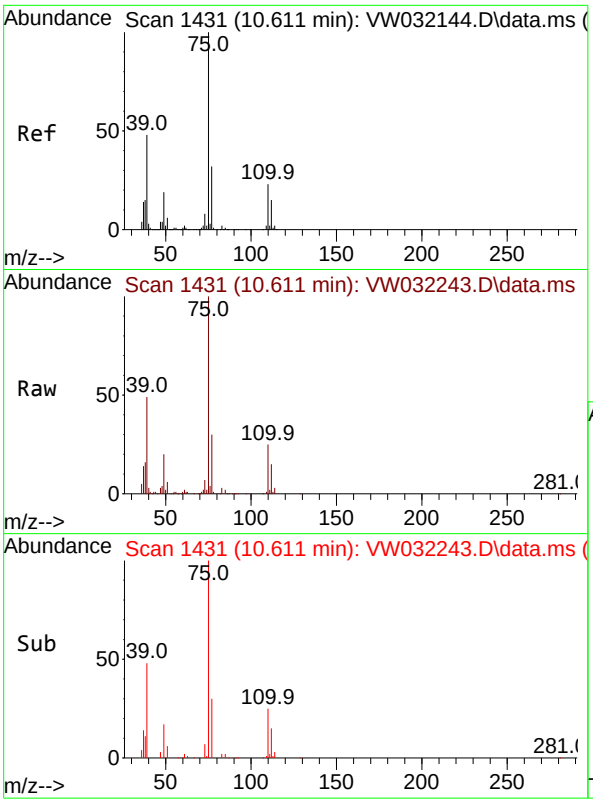


#52
Toluene
Concen: 20.494 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 92 Resp: 122386

Ion	Ratio	Lower	Upper
92	100		
91	172.9	137.5	206.3





#53
t-1,3-Dichloropropene
Concen: 19.239 ug/l
RT: 10.611 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

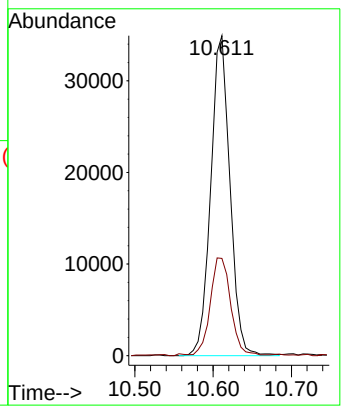
Tgt Ion: 75 Resp: 5959

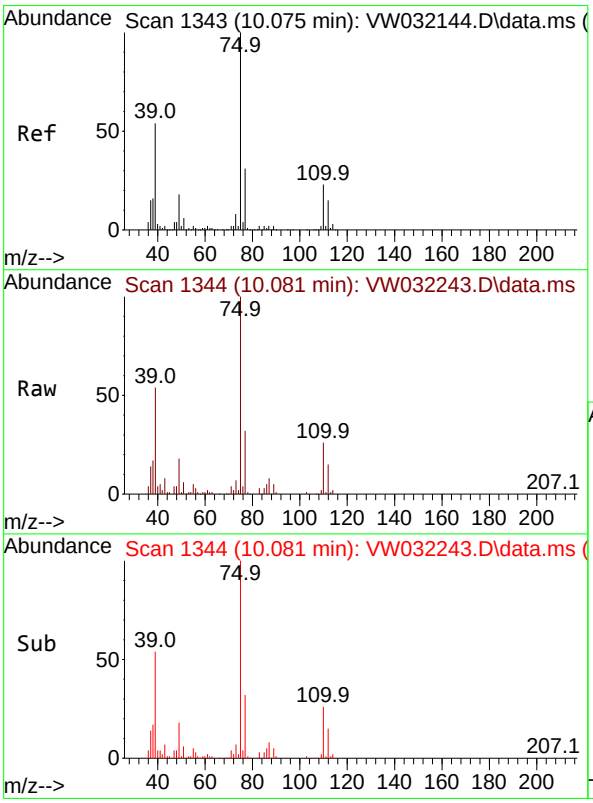
Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.6	38.4

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

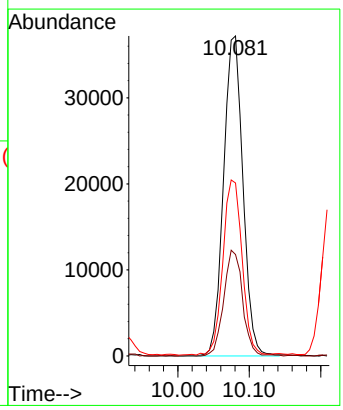


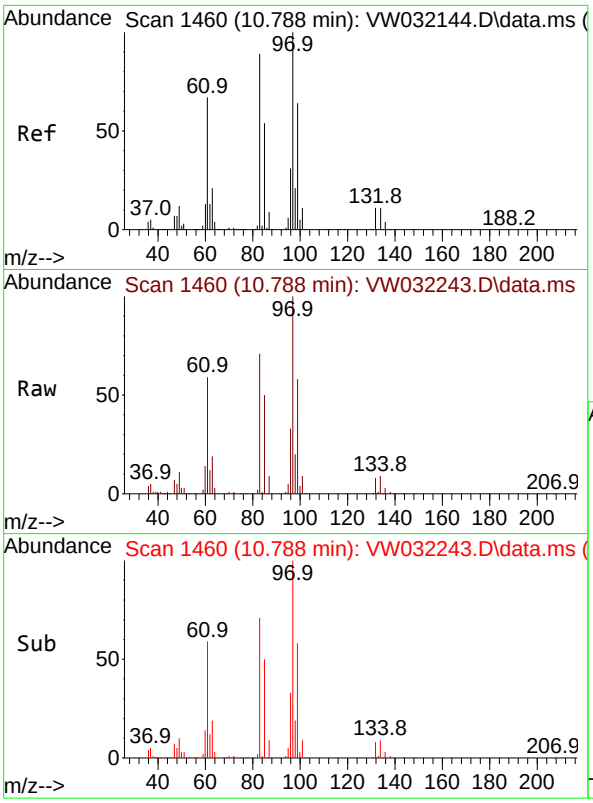


#54
cis-1,3-Dichloropropene
Concen: 19.798 ug/l
RT: 10.081 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 75 Resp: 69975

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7
39	53.8	43.2	64.8

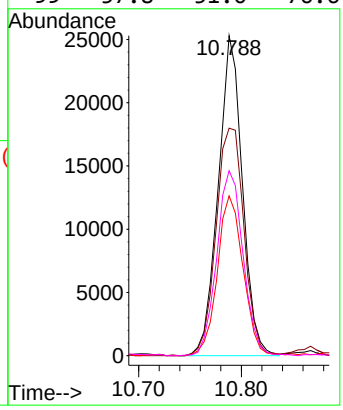




#55
1,1,2-Trichloroethane
Concen: 20.529 ug/l
RT: 10.788 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 97 Resp: 4124

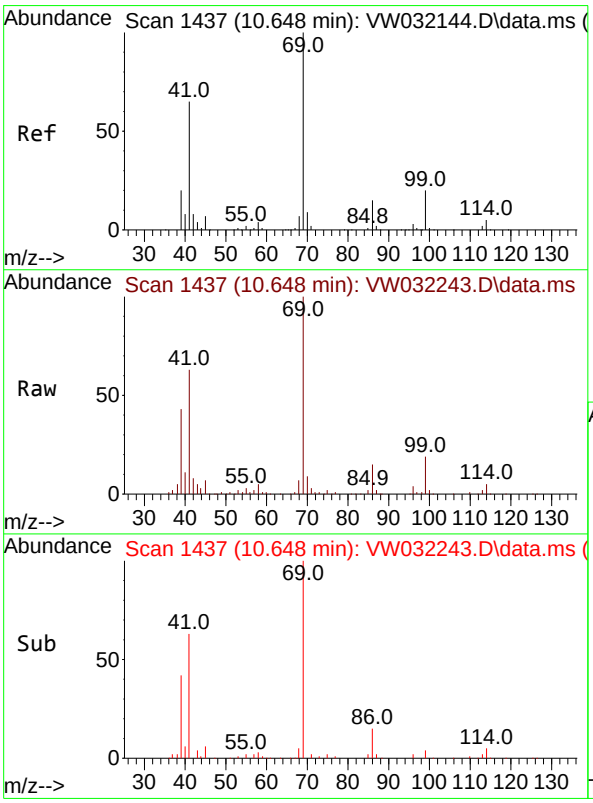
Ion	Ratio	Lower	Upper
97	100		
83	71.1	71.0	106.6
85	50.0	42.8	64.2
99	57.8	51.0	76.6



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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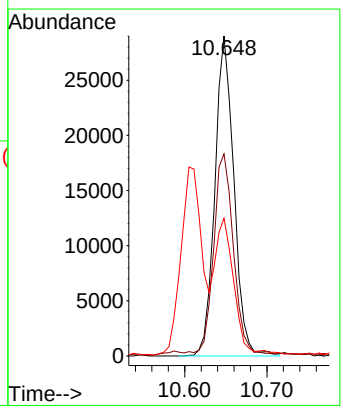
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

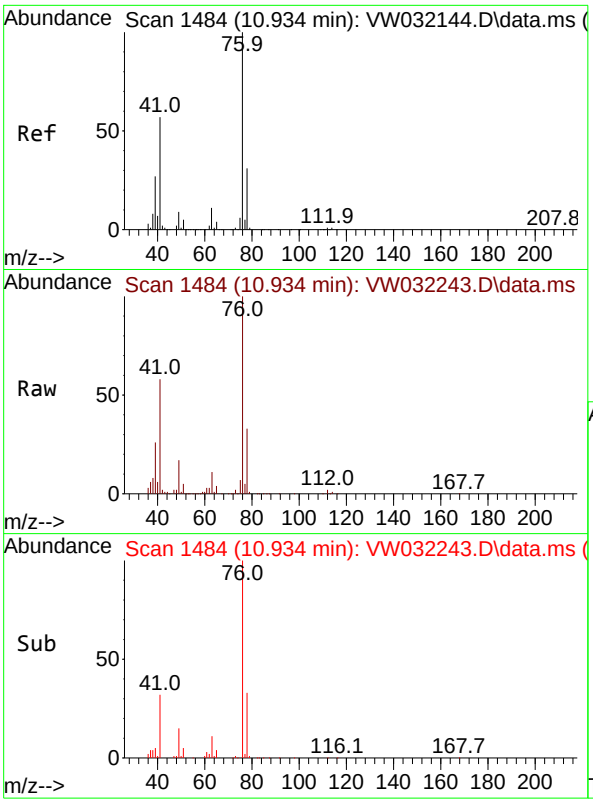


#56
Ethyl methacrylate
Concen: 18.185 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 69 Resp: 46712

Ion	Ratio	Lower	Upper
69	100		
41	64.2	53.2	79.8
39	41.9	32.9	49.3

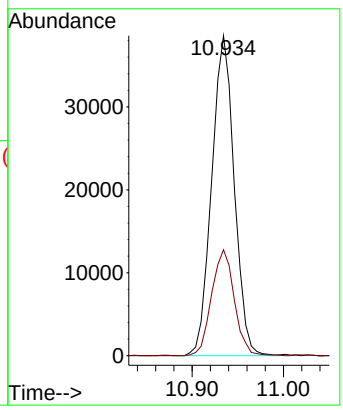




#57
1,3-Dichloropropane
Concen: 19.639 ug/l
RT: 10.934 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 76 Resp: 6607

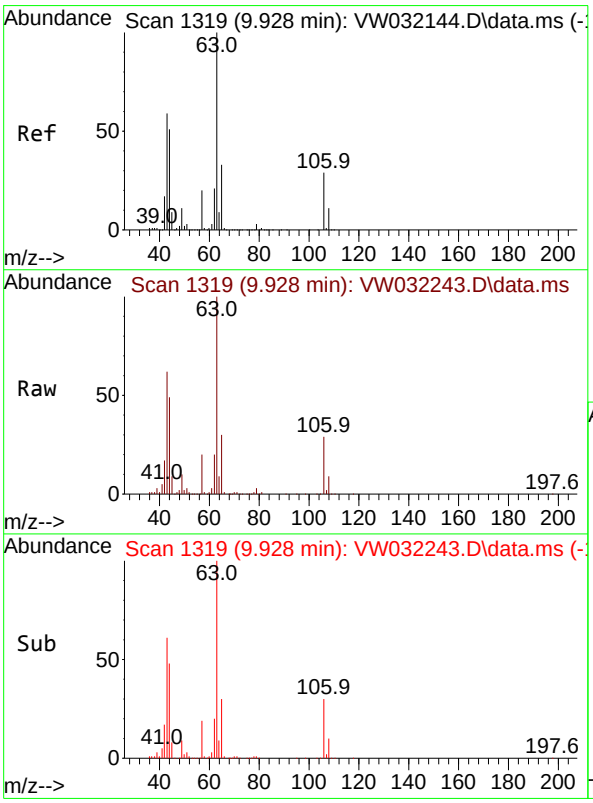
Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.2	39.4



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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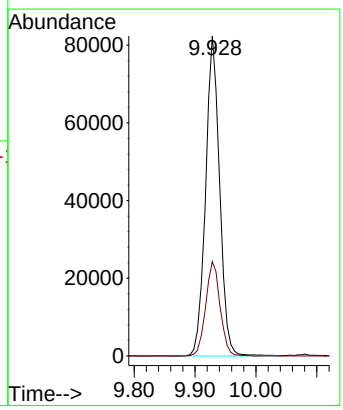
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

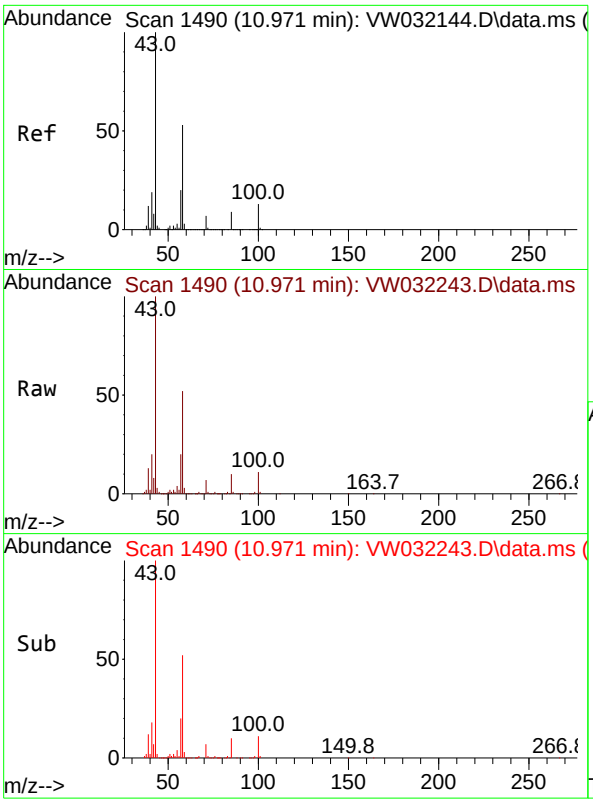


#58
2-Chloroethyl Vinyl ether
Concen: 96.303 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 63 Resp: 132038

Ion	Ratio	Lower	Upper
63	100		
106	30.2	24.3	36.5





#59
2-Hexanone
Concen: 95.652 ug/l
RT: 10.971 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

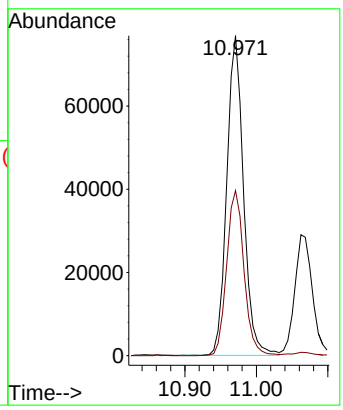
Tgt Ion: 43 Resp: 12497

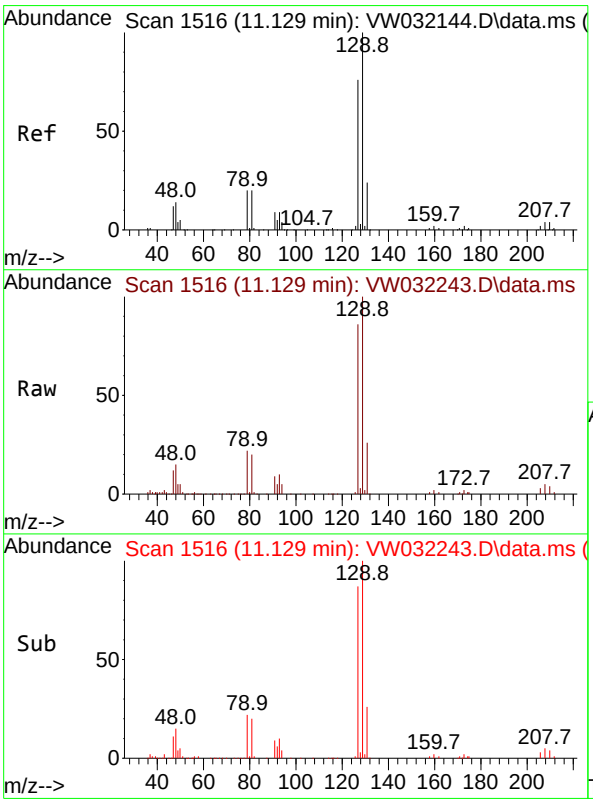
Ion	Ratio	Lower	Upper
43	100		
58	53.6	27.5	82.4

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

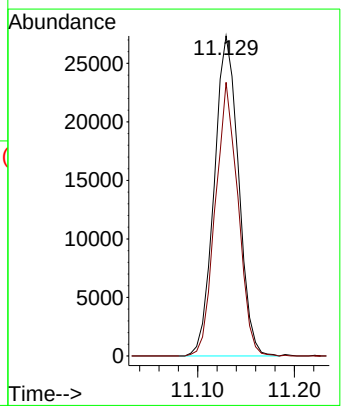


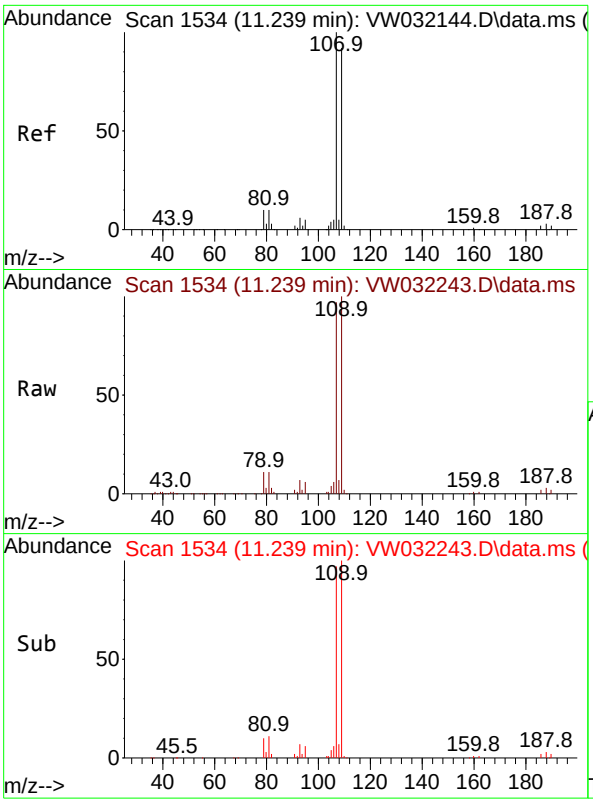


#60
Dibromochloromethane
Concen: 19.648 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:129 Resp: 47769

Ion	Ratio	Lower	Upper
129	100		
127	79.5	38.1	114.5

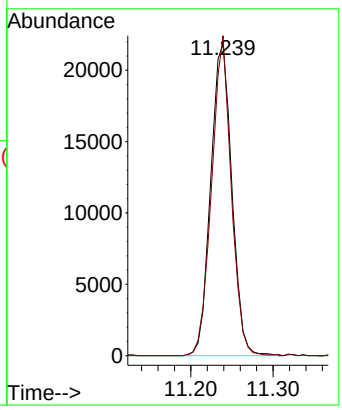




#61
1,2-Dibromoethane
Concen: 19.759 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:107 Resp: 3904

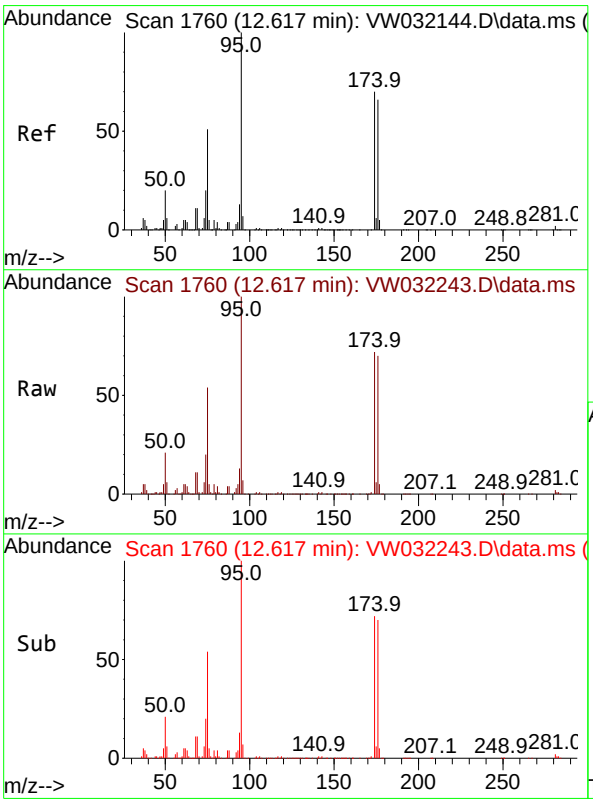
Ion	Ratio	Lower	Upper
107	100		
109	95.1	74.5	111.7



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations APPROVED

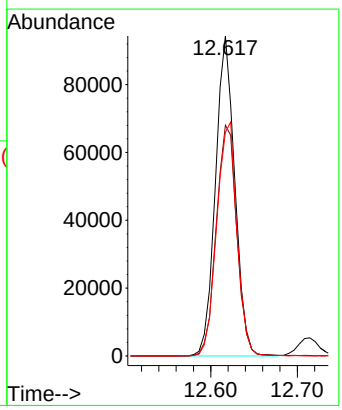
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

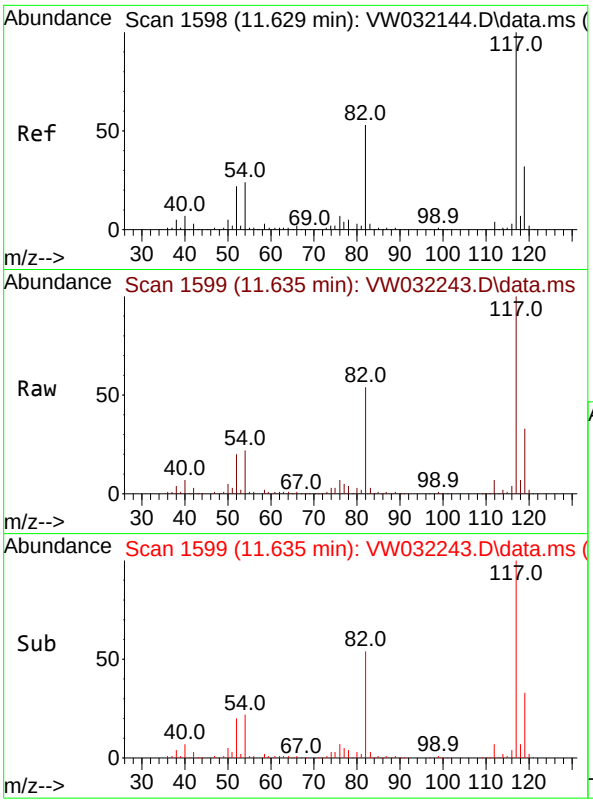


#62
4-Bromofluorobenzene
Concen: 49.290 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 95 Resp: 145892

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	145.6
176	76.4	0.0	140.8

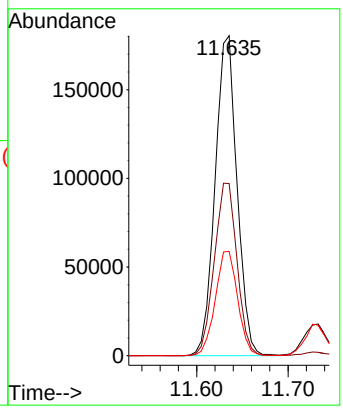




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:117 Resp: 30122

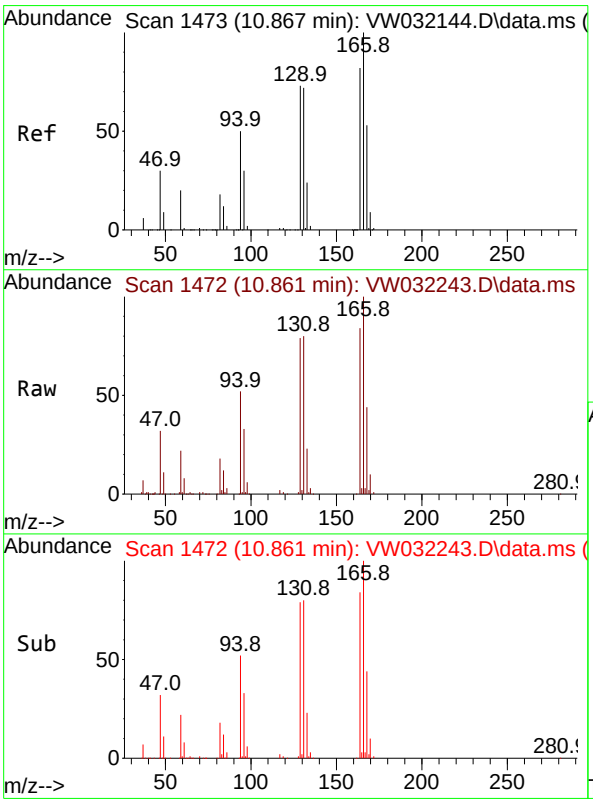
Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.7	64.1
119	32.6	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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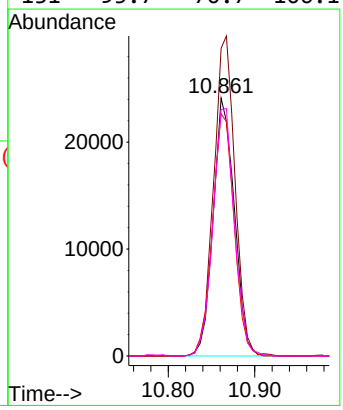
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

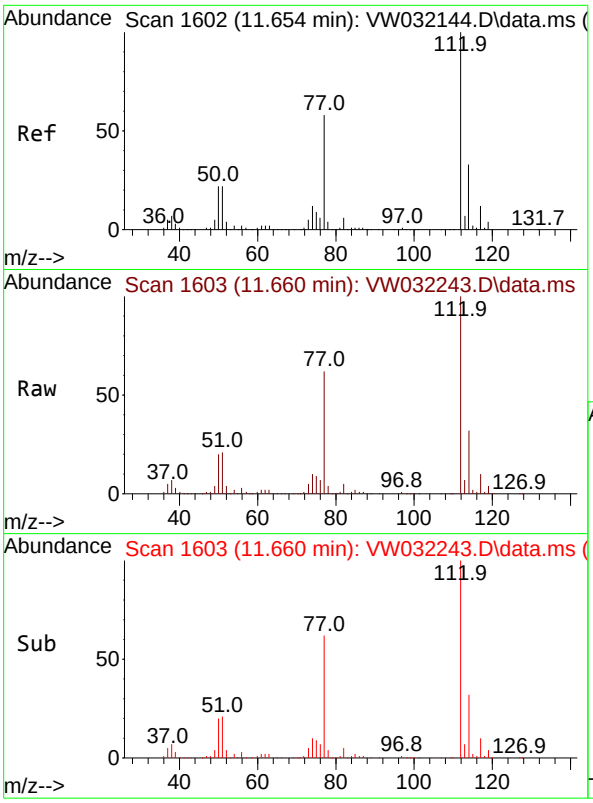


#64
Tetrachloroethene
Concen: 20.668 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:164 Resp: 40975

Ion	Ratio	Lower	Upper
164	100		
166	119.4	97.5	146.3
129	94.0	71.2	106.8
131	95.7	70.7	106.1

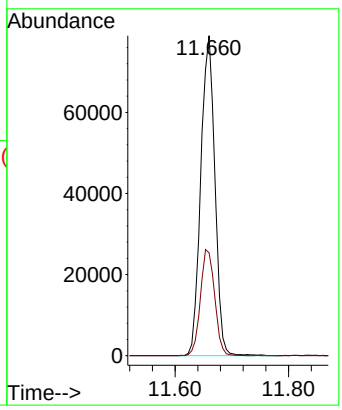




#65
Chlorobenzene
Concen: 19.847 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:112 Resp: 13607

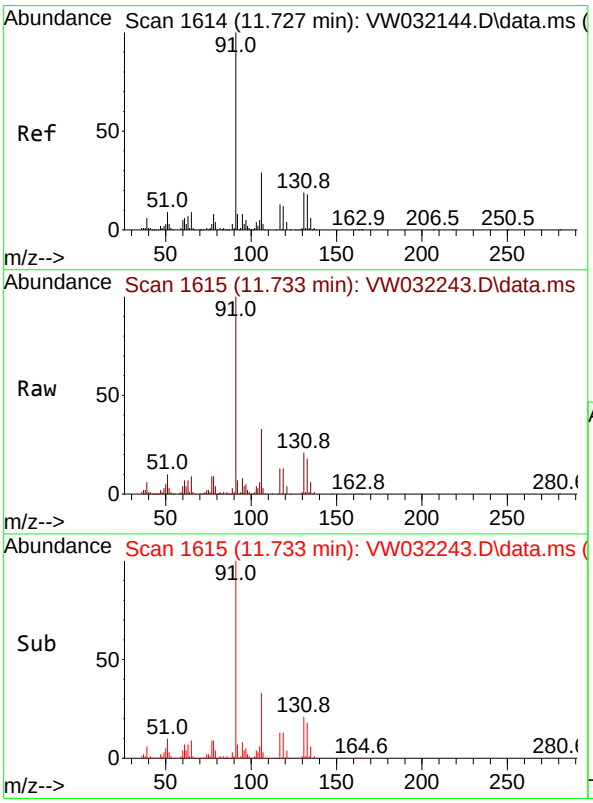
Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.0	39.0



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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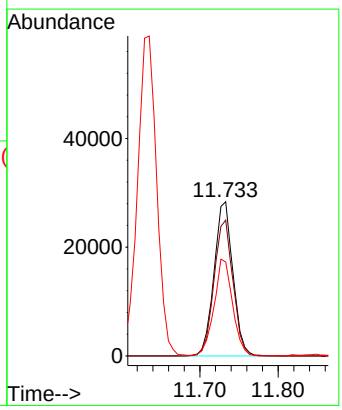
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

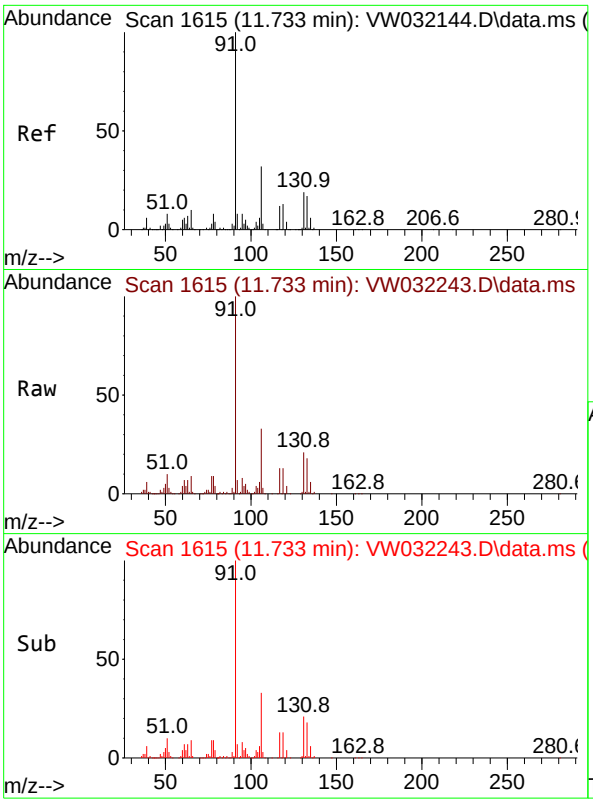


#66
1,1,1,2-Tetrachloroethane
Concen: 21.043 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:131 Resp: 47500

Ion	Ratio	Lower	Upper
131	100		
133	88.8	47.7	143.1
119	61.8	32.8	98.3

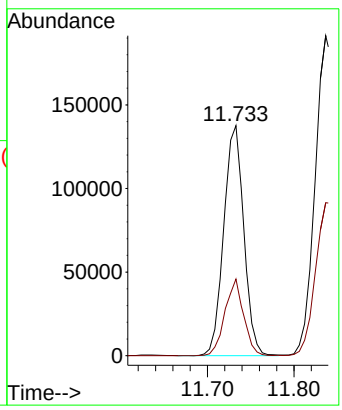




#67
Ethyl Benzene
Concen: 19.722 ug/l
RT: 11.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 91 Resp: 22155

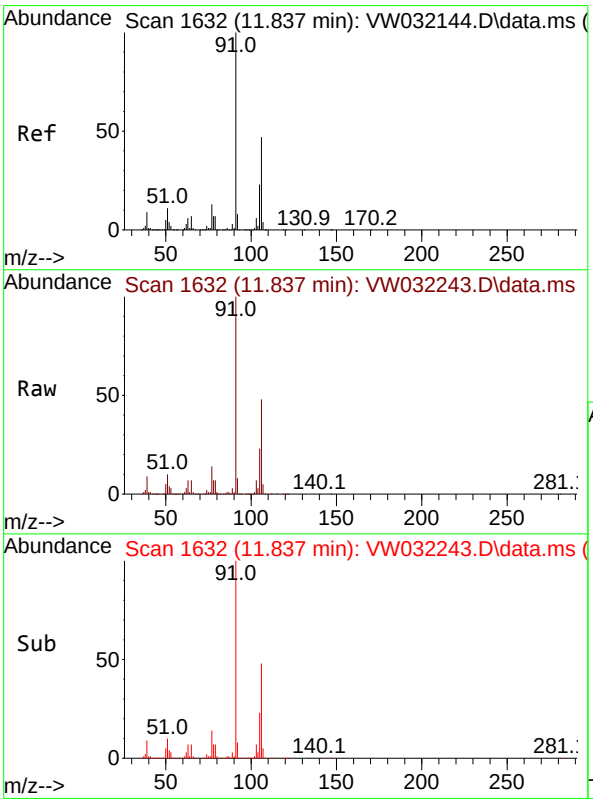
Ion	Ratio	Lower	Upper
91	100		
106	33.3	25.3	37.9



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

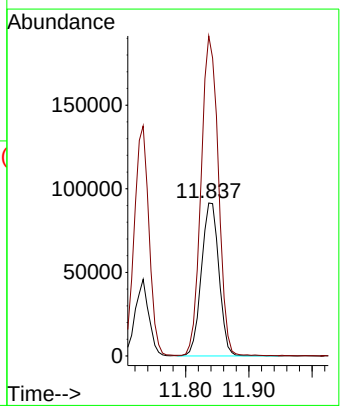
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

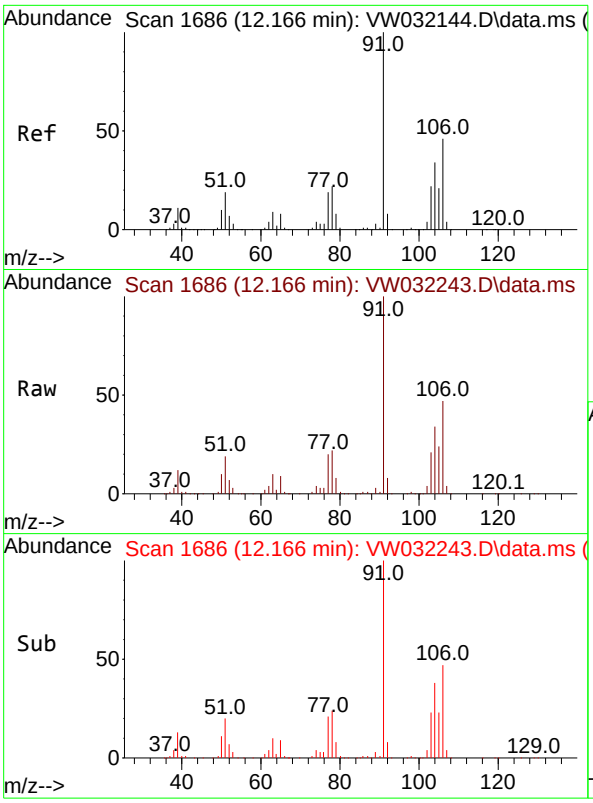


#68
m/p-Xylenes
Concen: 40.874 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:106 Resp: 176714

Ion	Ratio	Lower	Upper
106	100		
91	206.0	164.2	246.2

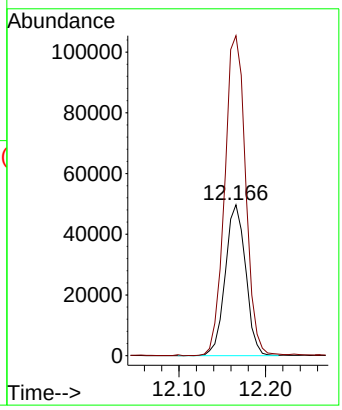




#69
o-Xylene
Concen: 19.870 ug/l
RT: 12.166 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:106 Resp: 8125

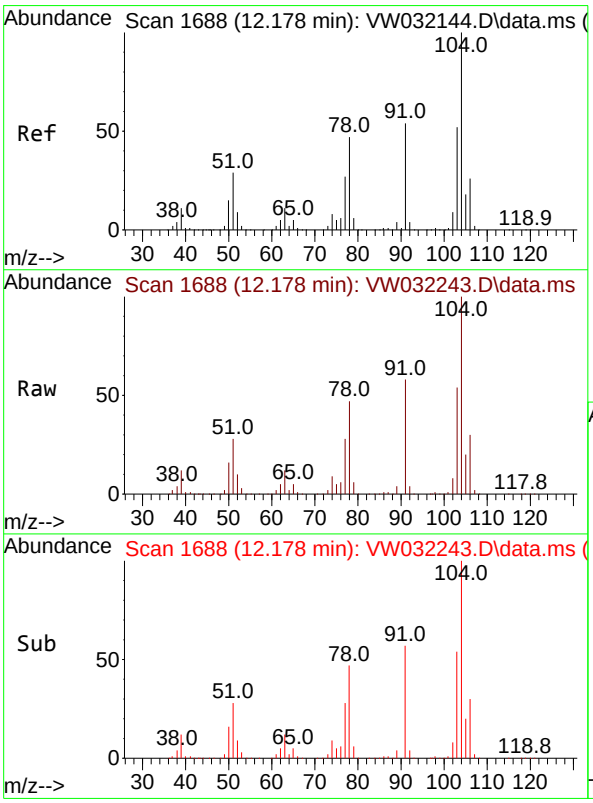
Ion	Ratio	Lower	Upper
106	100		
91	217.7	108.7	326.3



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

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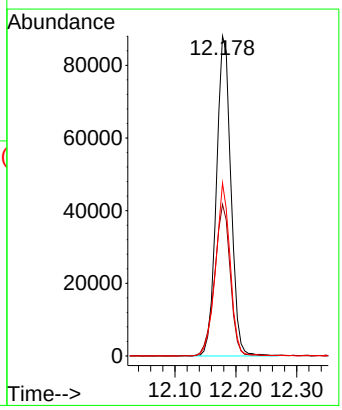
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

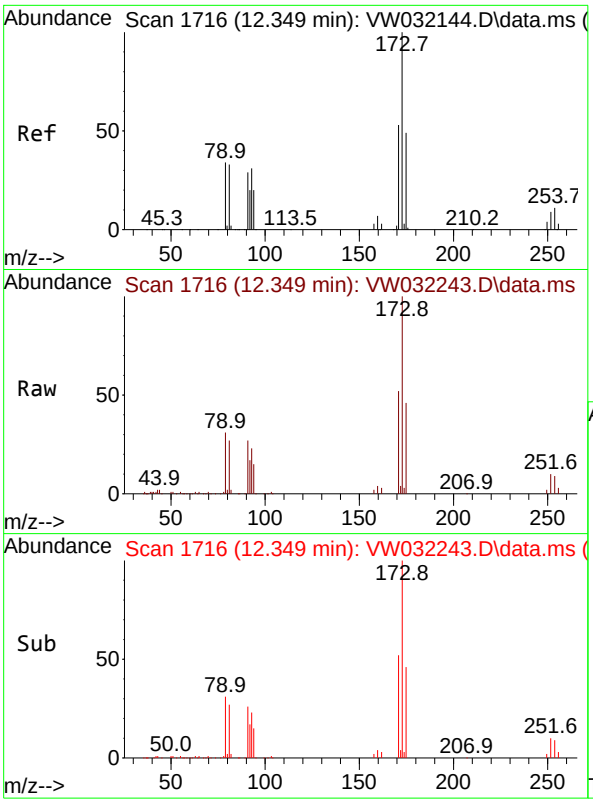


#70
Styrene
Concen: 20.271 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:104 Resp: 146130

Ion	Ratio	Lower	Upper
104	100		
78	50.8	41.6	62.4
103	54.1	44.8	67.2

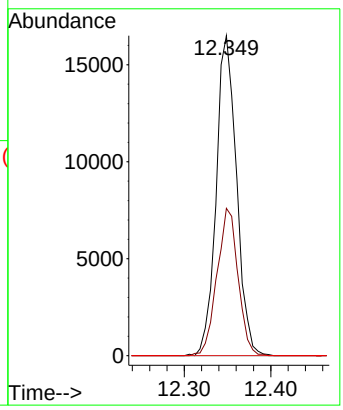




#71
Bromoform
Concen: 20.070 ug/l
RT: 12.349 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:173 Resp: 2690

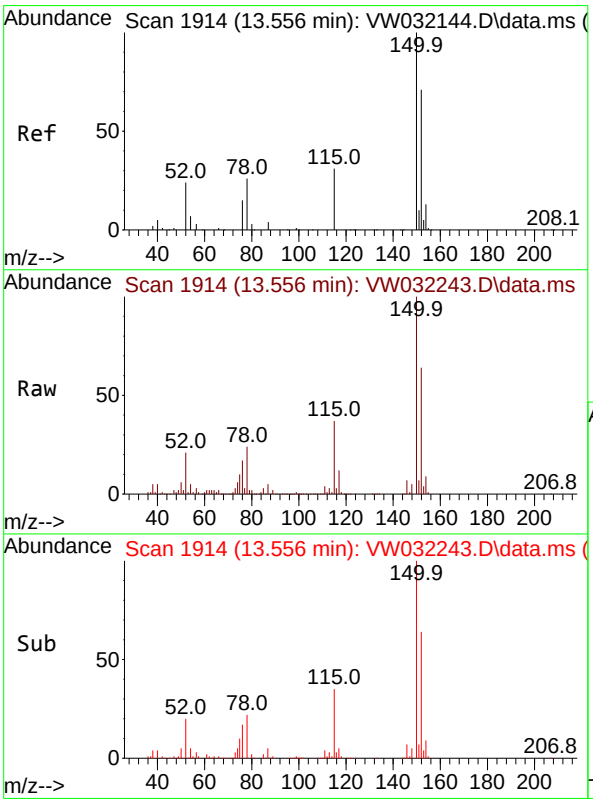
Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.9	74.7
254	0.0	0.2	0.2



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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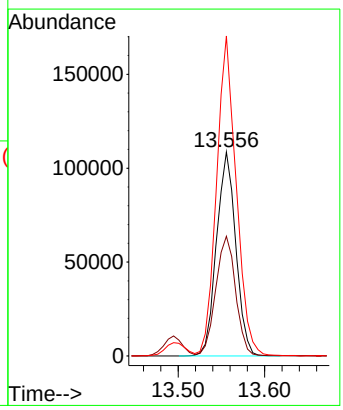
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

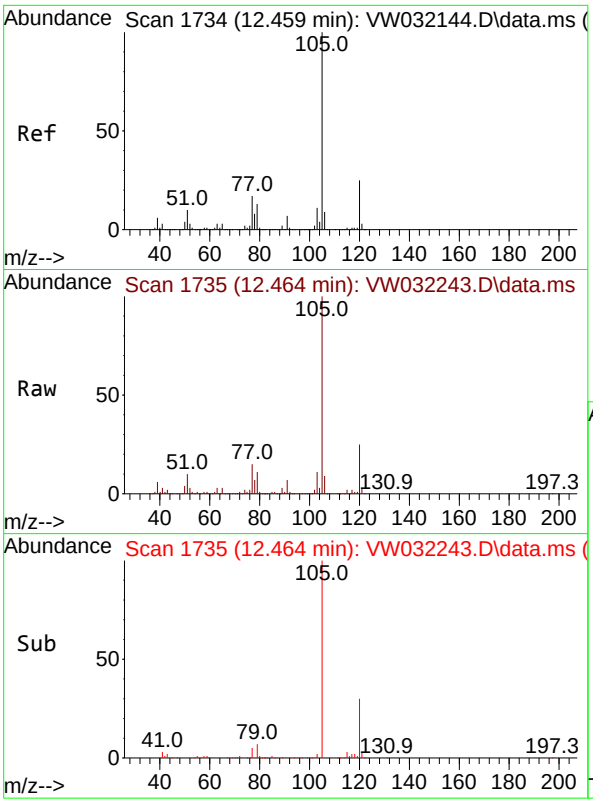


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:152 Resp: 167865

Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.8	95.4
150	160.6	0.0	343.0

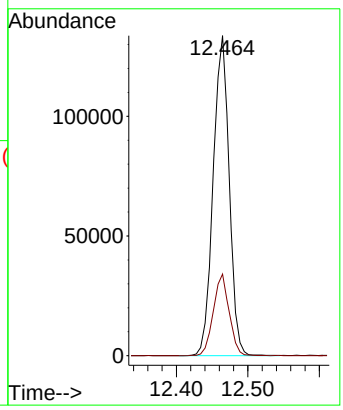




#73
Isopropylbenzene
Concen: 18.211 ug/l
RT: 12.464 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:105 Resp: 20768

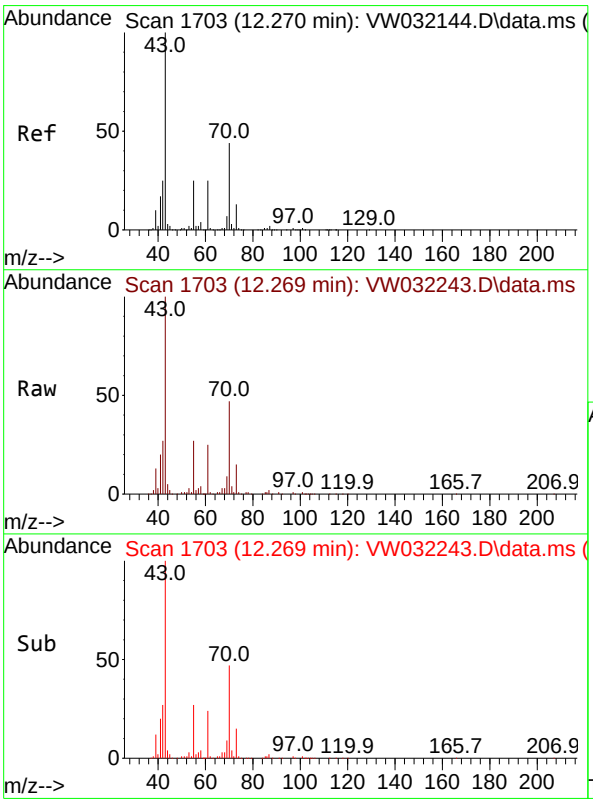
Ion	Ratio	Lower	Upper
105	100		
120	25.2	13.0	38.9



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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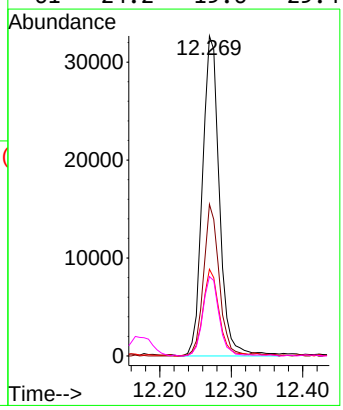
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

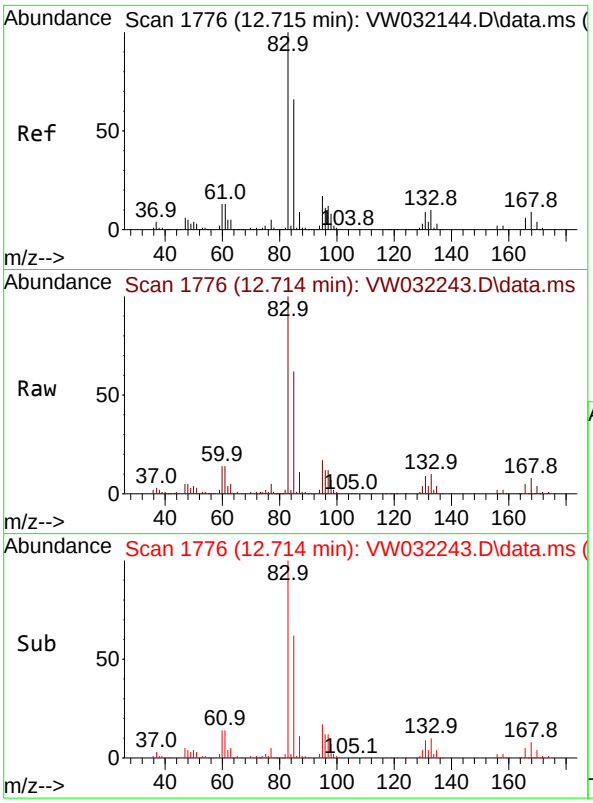


#74
N-amyl acetate
Concen: 16.295 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 43 Resp: 53951

Ion	Ratio	Lower	Upper
43	100		
70	43.5	35.3	52.9
55	26.0	19.9	29.9
61	24.2	19.6	29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 19.159 ug/l
RT: 12.714 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

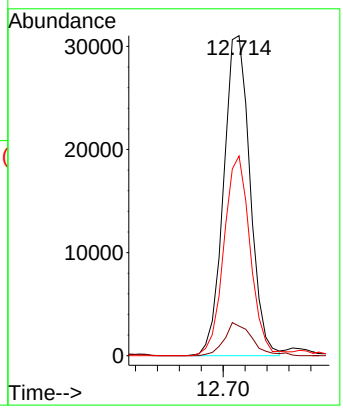
Tgt Ion: 83 Resp: 5192

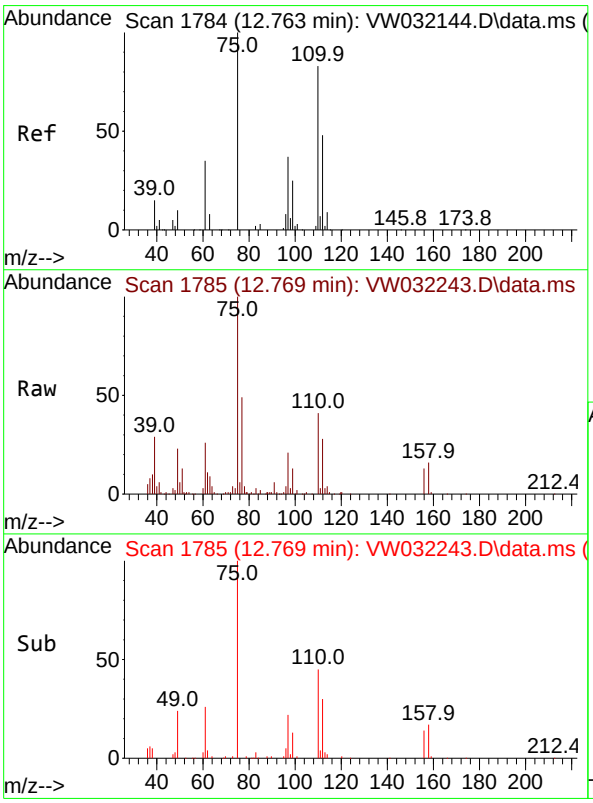
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.4
85	62.6	32.2	96.6

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

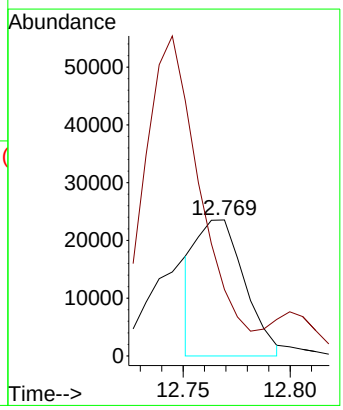


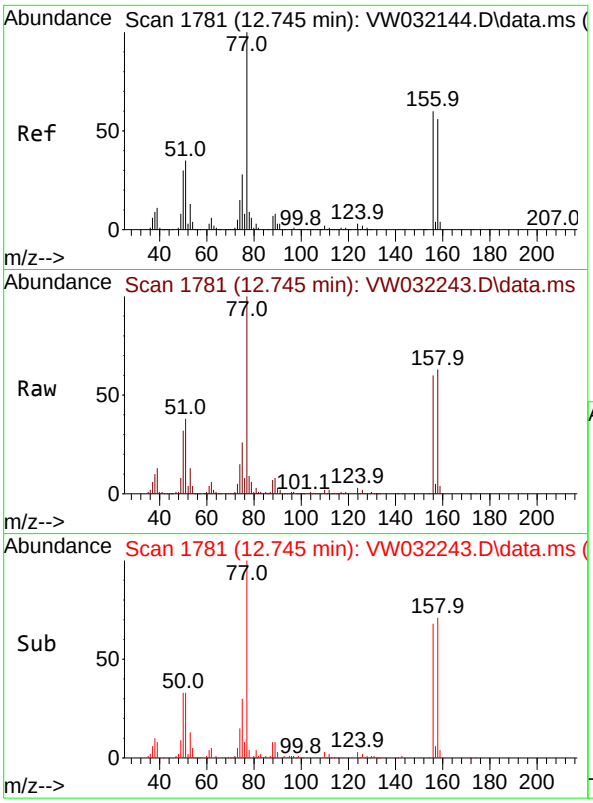


#76
1,2,3-Trichloropropane
Concen: 17.540 ug/l m
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 75 Resp: 36887

Ion	Ratio	Lower	Upper
75	100		
77	0.0	141.7	425.1#

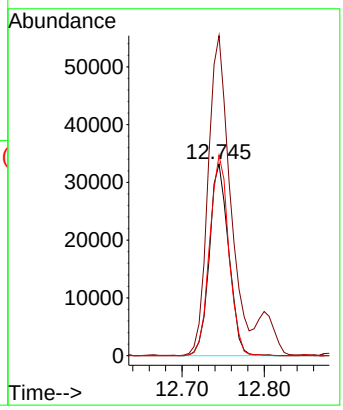




#77
Bromobenzene
Concen: 18.597 ug/l
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:156 Resp: 5408

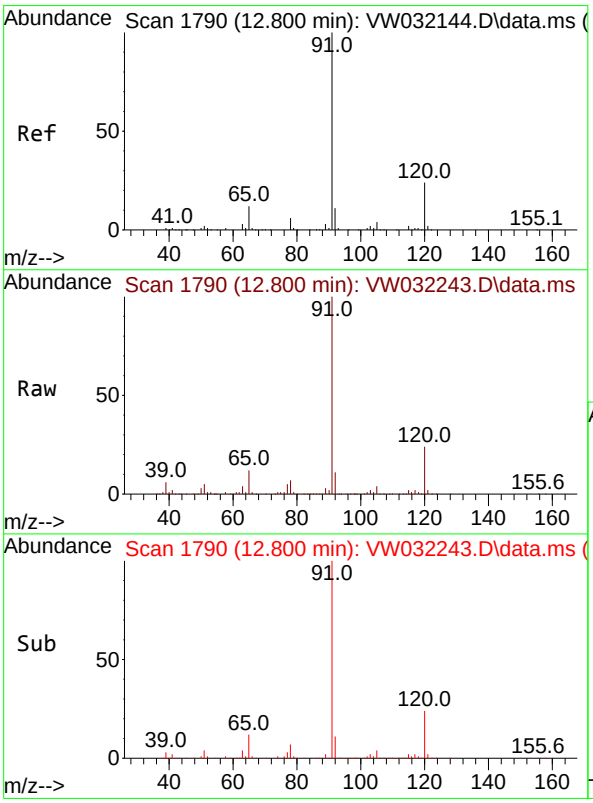
Ion	Ratio	Lower	Upper
156	100		
77	189.6	98.6	295.7
158	104.1	48.4	145.0



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

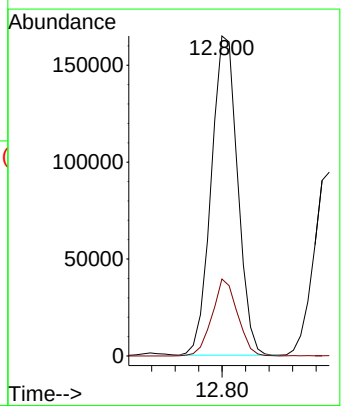
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

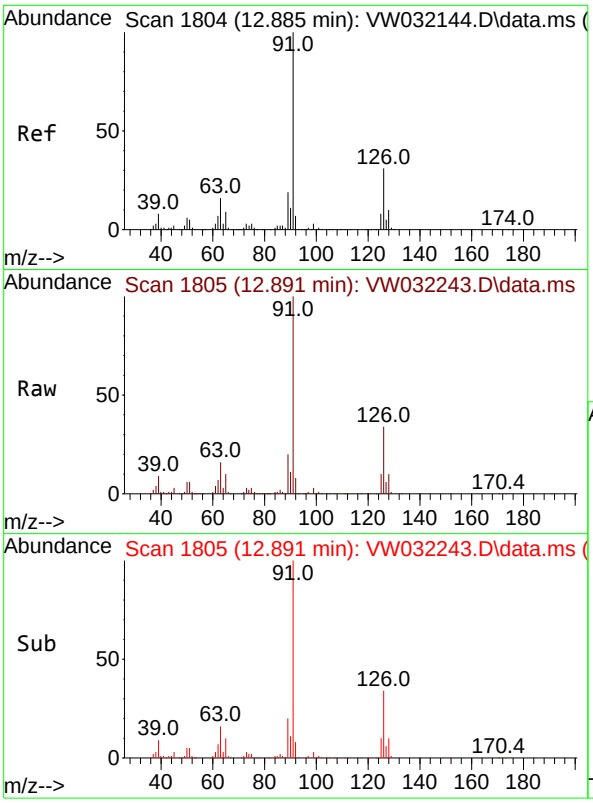


#78
n-propylbenzene
Concen: 18.557 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 91 Resp: 256934

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.4

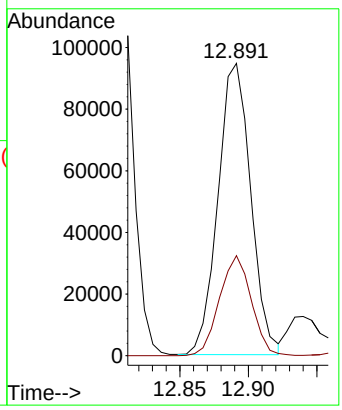




#79
2-Chlorotoluene
Concen: 18.597 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 91 Resp: 15745

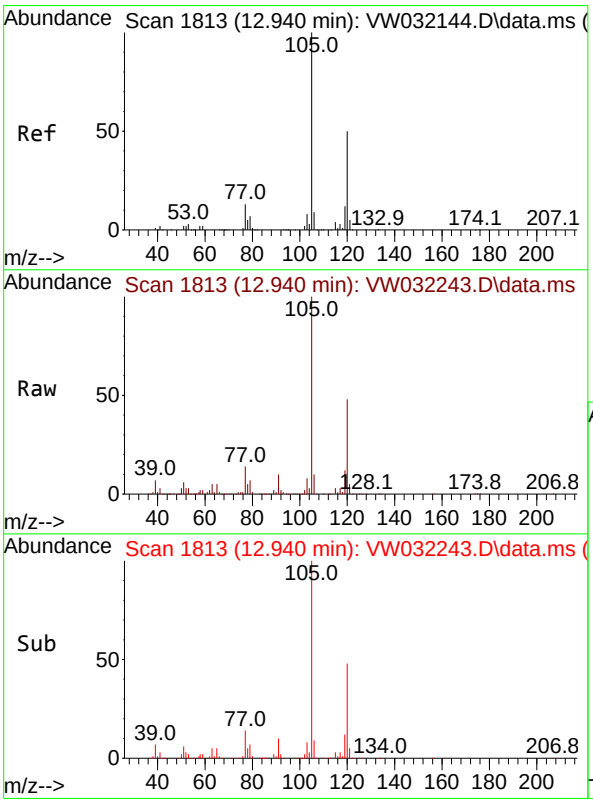
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.6	49.7



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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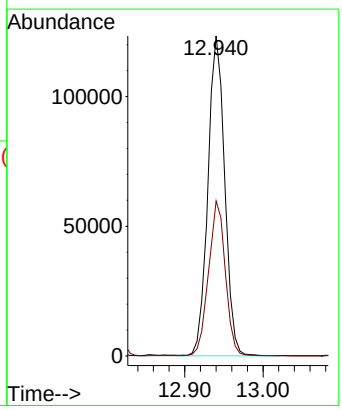
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

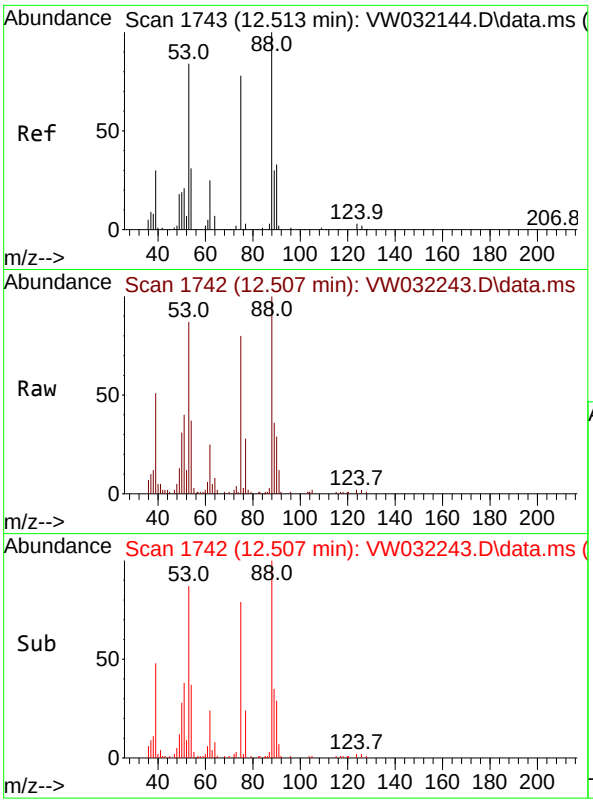


#80
1,3,5-Trimethylbenzene
Concen: 18.993 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:105 Resp: 183385

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.8	74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 17.037 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

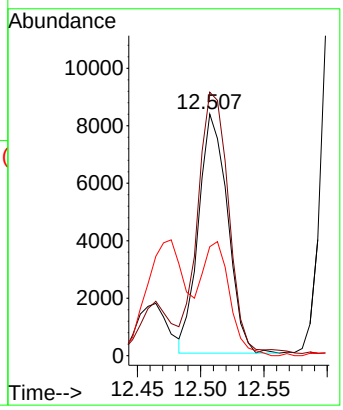
Tgt Ion: 75 Resp: 1330

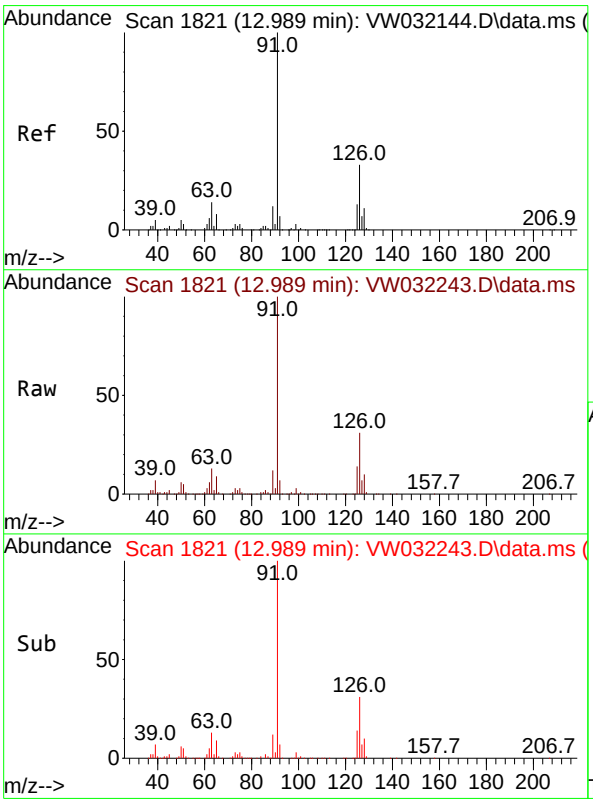
Ion	Ratio	Lower	Upper
75	100		
53	116.3	91.0	136.6
89	44.9	39.4	59.2

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

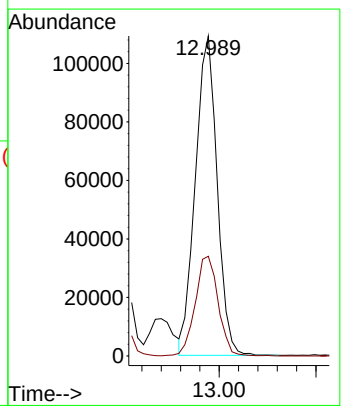


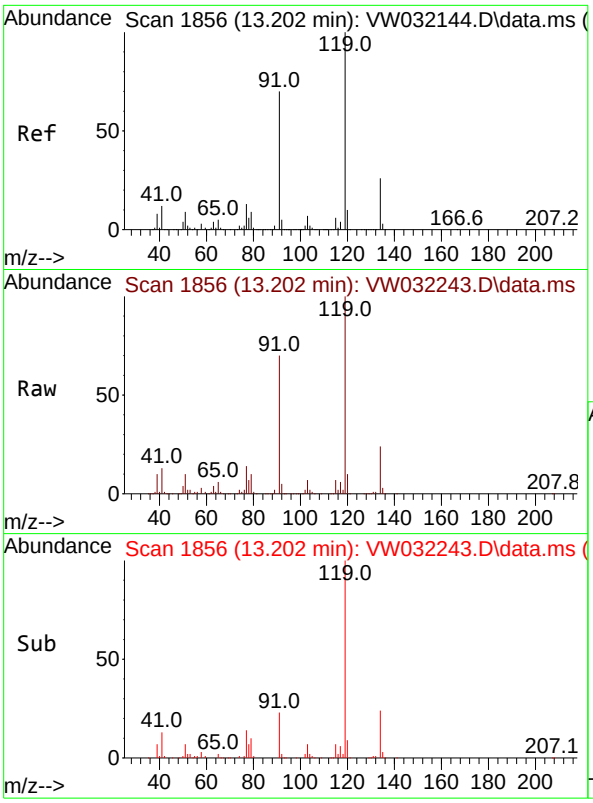


#82
4-Chlorotoluene
Concen: 18.851 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 91 Resp: 170841

Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.1	48.2





#83
tert-Butylbenzene
Concen: 18.022 ug/l
RT: 13.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

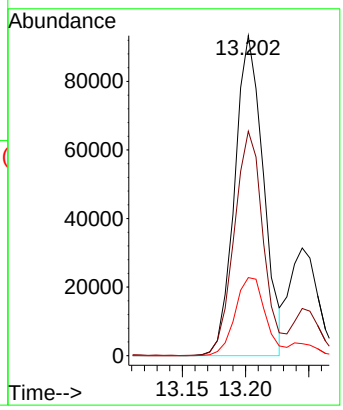
Tgt Ion:119 Resp: 14754

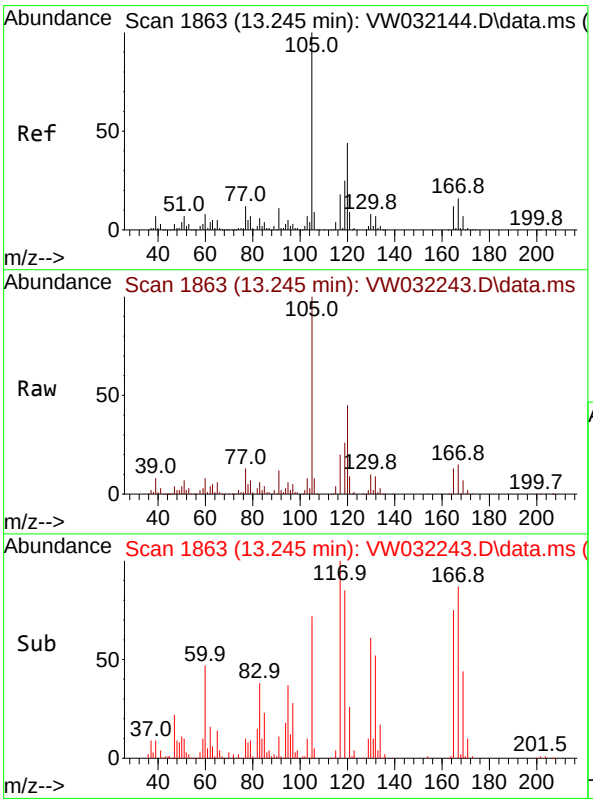
Ion	Ratio	Lower	Upper
119	100		
91	71.6	33.8	101.3
134	26.0	12.5	37.5

Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

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Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

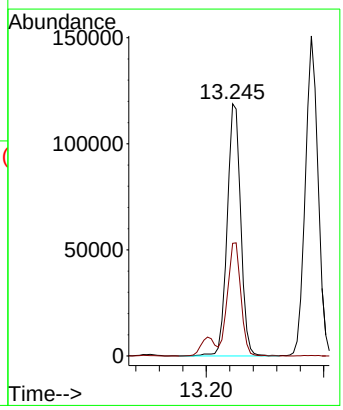


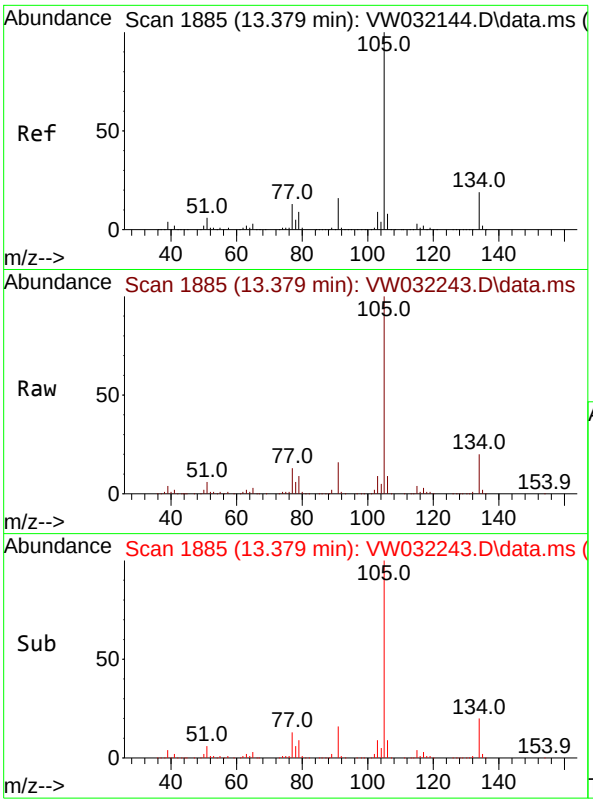


#84
1,2,4-Trimethylbenzene
Concen: 19.004 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:105 Resp: 189842

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.3

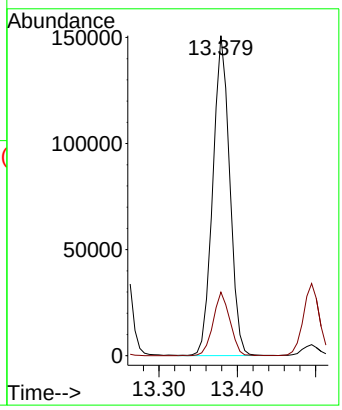




#85
sec-Butylbenzene
Concen: 18.508 ug/l
RT: 13.379 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:105 Resp: 22623

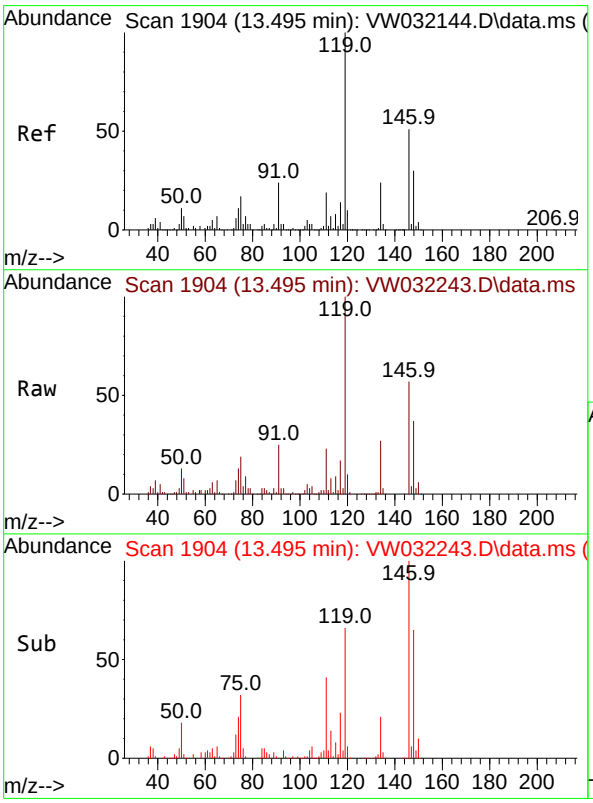
Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.1



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
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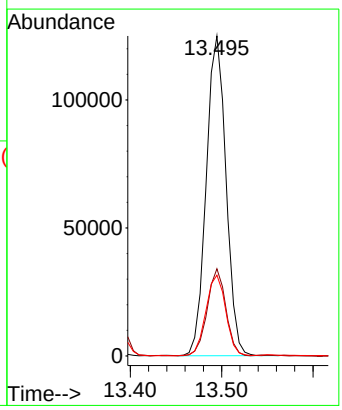
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

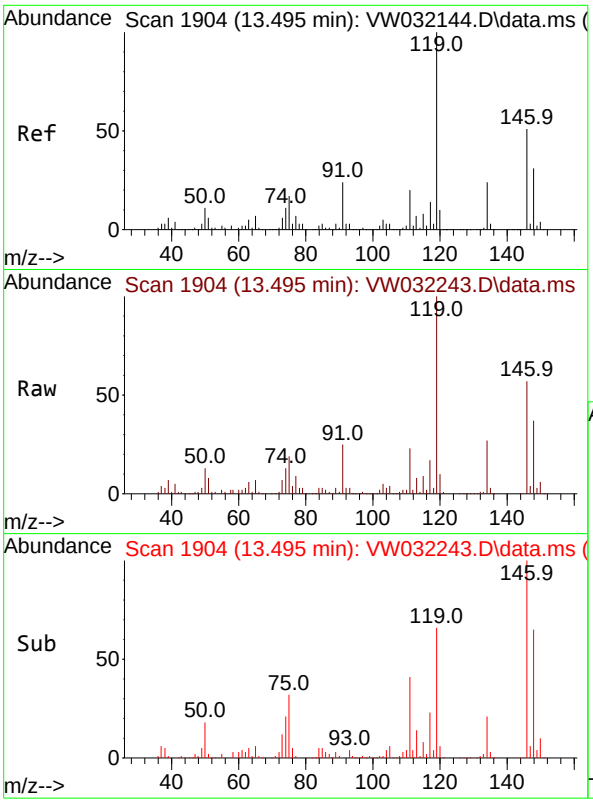


#86
p-Isopropyltoluene
Concen: 18.067 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:119 Resp: 187801

Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.6	37.6
91	25.3	12.4	37.0

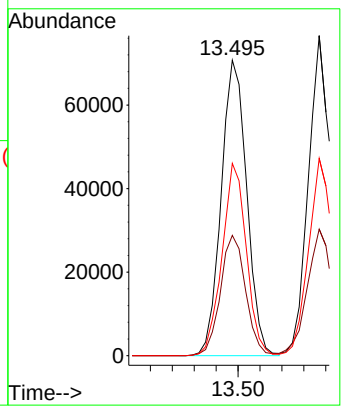




#87
1,3-Dichlorobenzene
Concen: 19.558 ug/l
RT: 13.495 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:146 Resp: 11452

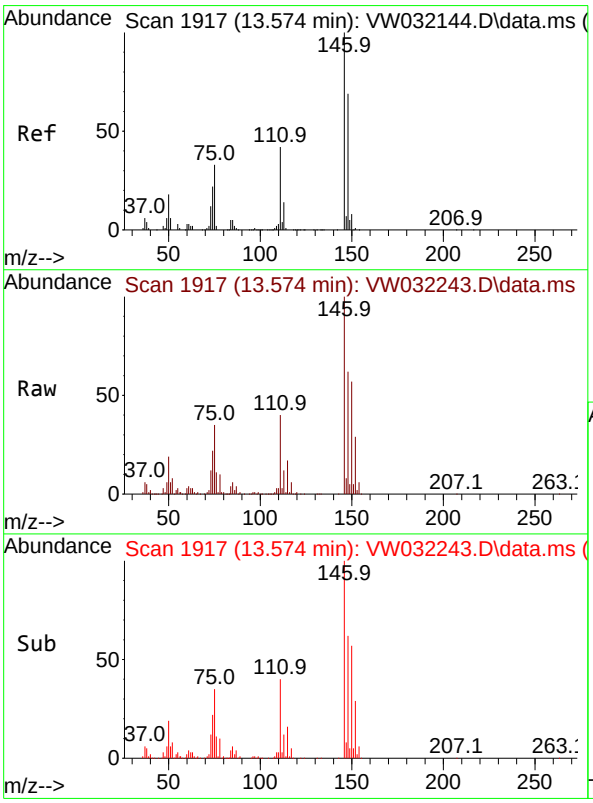
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	62.0	30.6	92.0



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

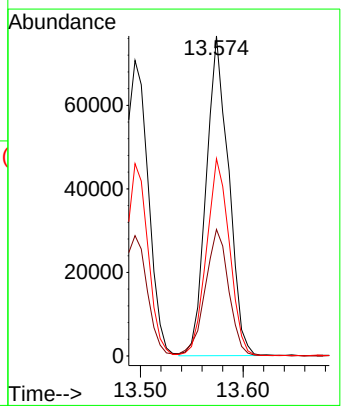
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

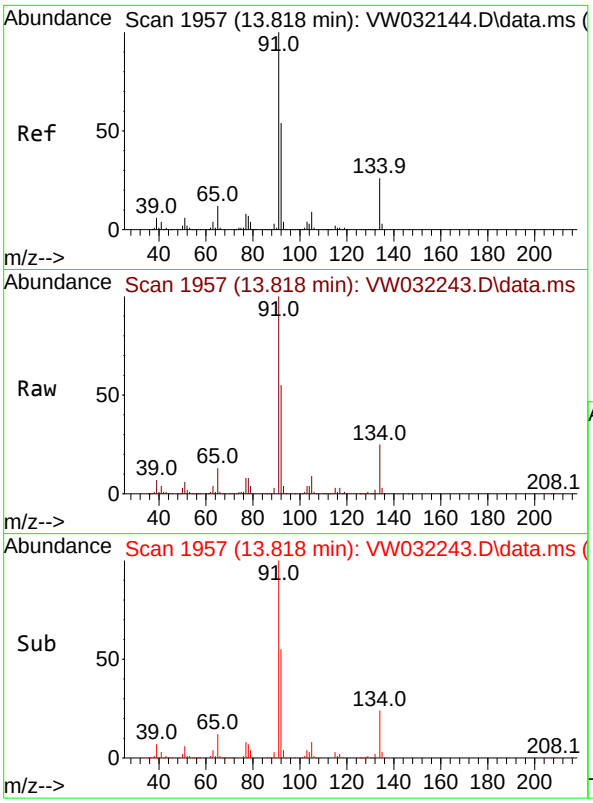


#88
1,4-Dichlorobenzene
Concen: 19.721 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:146 Resp: 115750

Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	63.2	33.4	100.1

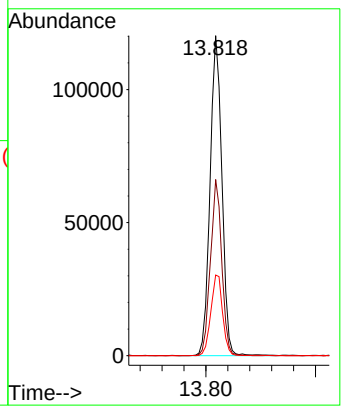




#89
n-Butylbenzene
Concen: 18.110 ug/l
RT: 13.818 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 91 Resp: 17947

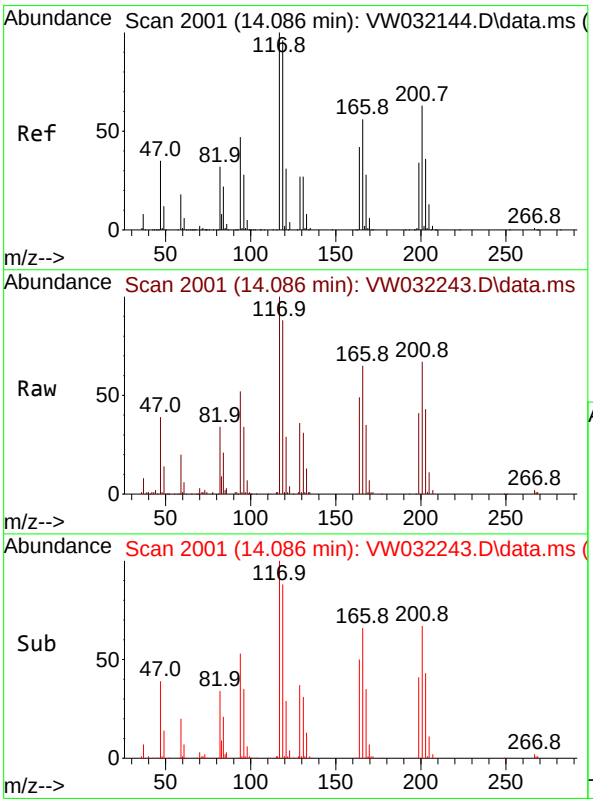
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.0	81.0
134	25.1	13.1	39.3



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

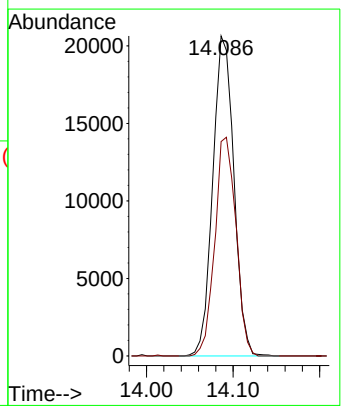
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

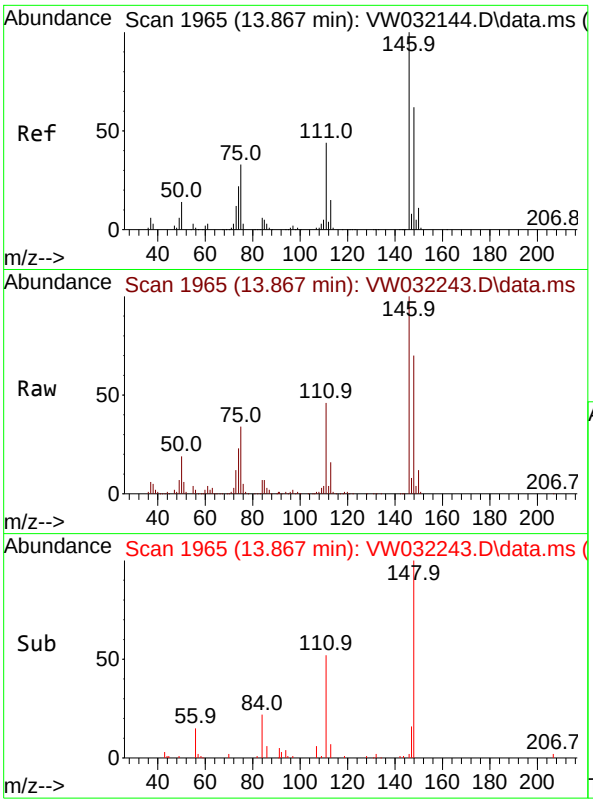


#90
Hexachloroethane
Concen: 18.385 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:117 Resp: 34957

Ion	Ratio	Lower	Upper
117	100		
201	68.5	32.8	98.4

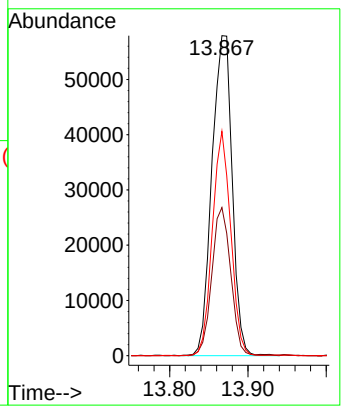




#91
1,2-Dichlorobenzene
Concen: 20.089 ug/l
RT: 13.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:146 Resp: 10414

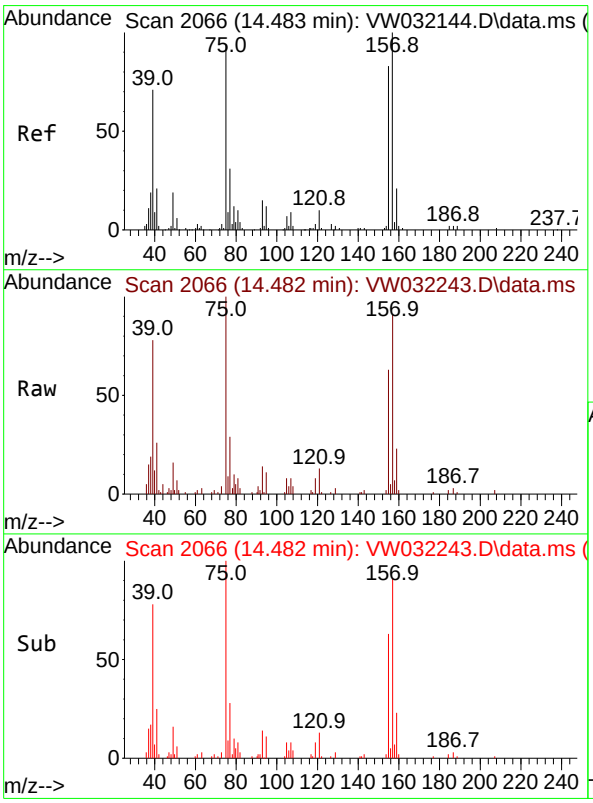
Ion	Ratio	Lower	Upper
146	100		
111	43.2	23.4	70.0
148	63.4	34.1	102.3



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

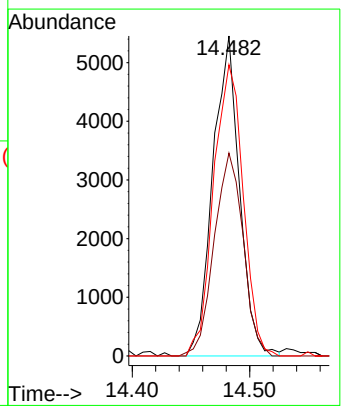
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

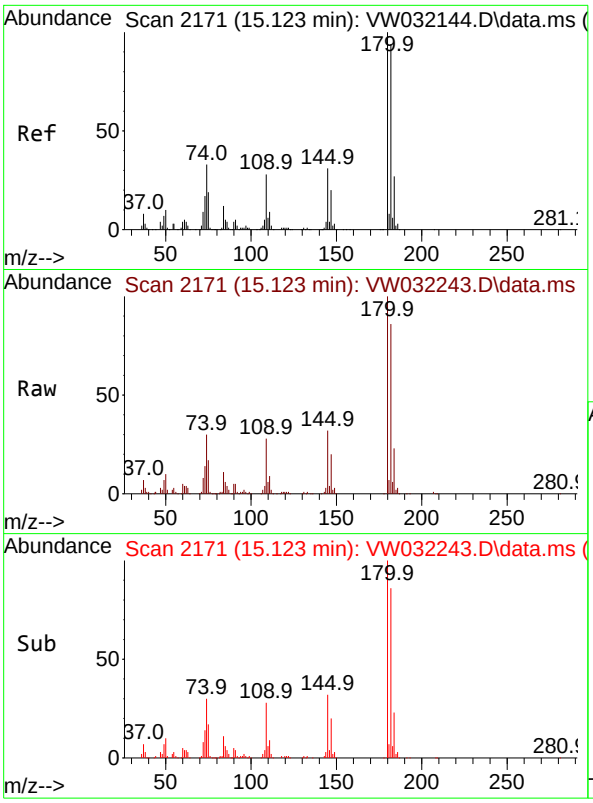


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.941 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion: 75 Resp: 8590

Ion	Ratio	Lower	Upper
75	100		
155	68.8	40.8	122.5
157	101.1	51.8	155.4

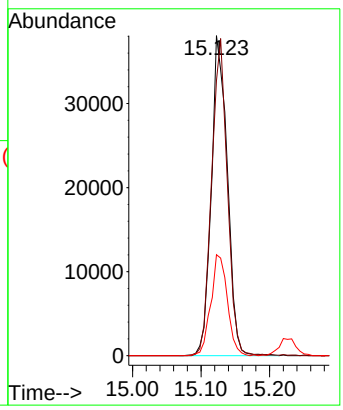




#93
1,2,4-Trichlorobenzene
Concen: 18.663 ug/l
RT: 15.123 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:180 Resp: 6181

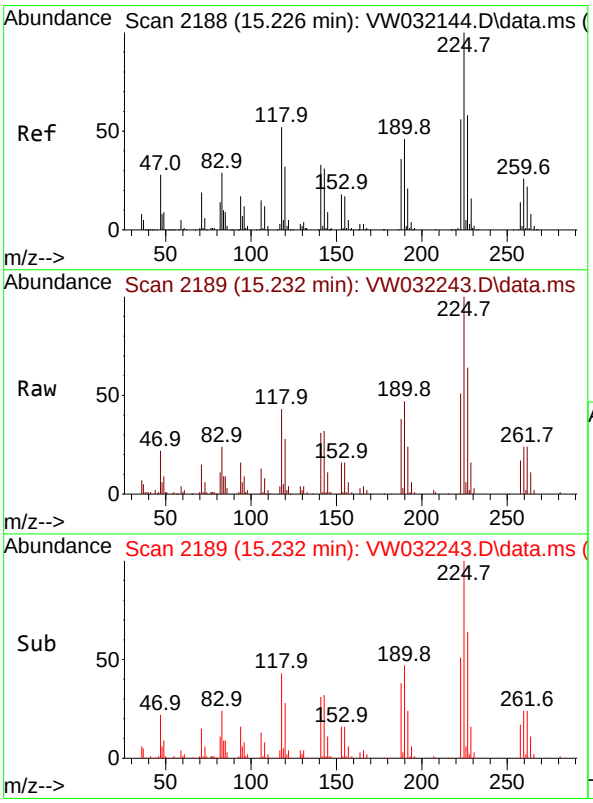
Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.4	142.2
145	32.7	16.4	49.1



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

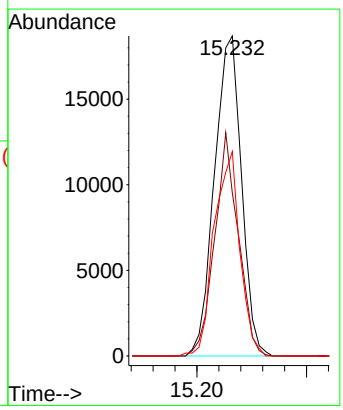
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025

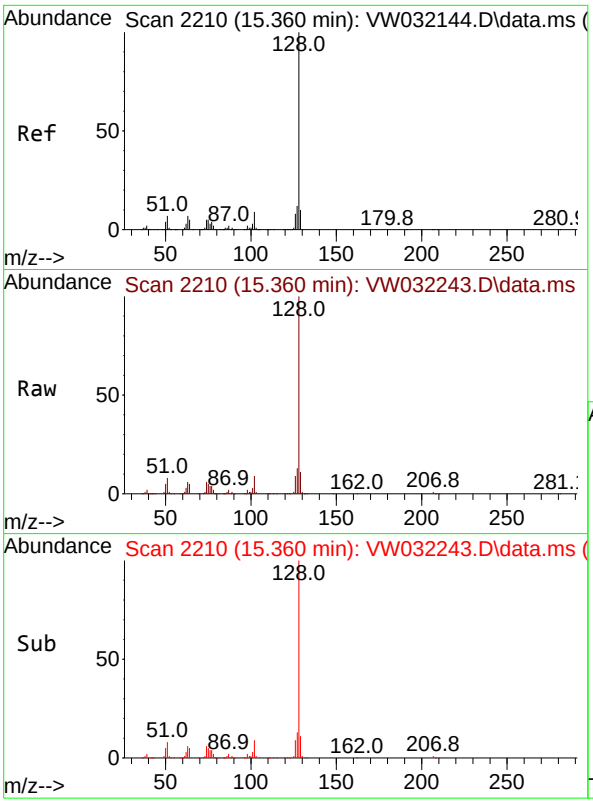


#94
Hexachlorobutadiene
Concen: 19.489 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:225 Resp: 32015

Ion	Ratio	Lower	Upper
225	100		
223	60.7	29.8	89.3
227	61.0	30.5	91.5

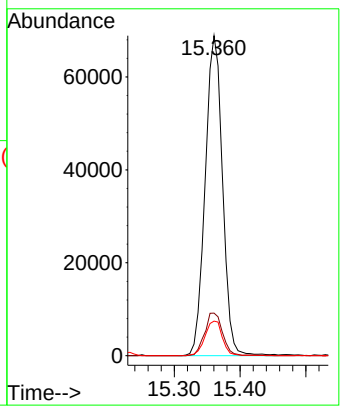




#95
Naphthalene
Concen: 16.864 ug/l
RT: 15.360 min Scan# 2
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:128 Resp: 12641

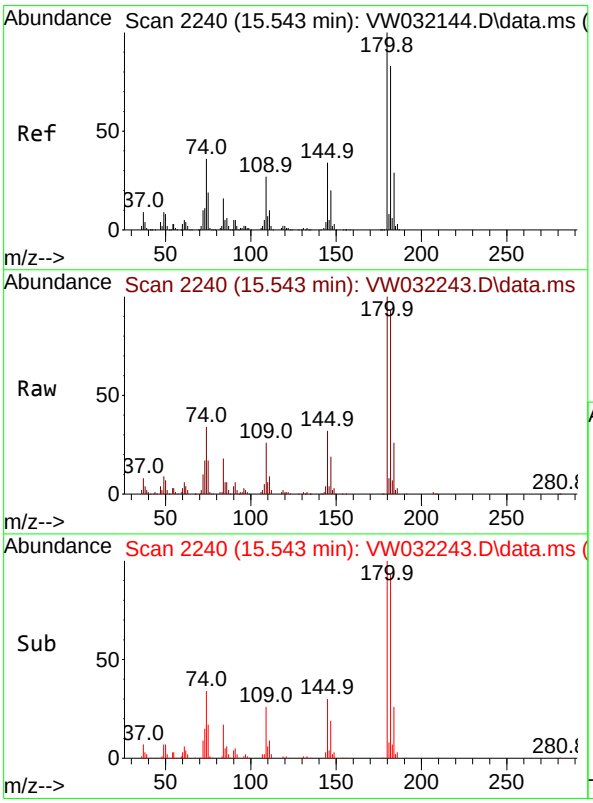
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.6	16.0
129	10.9	8.4	12.6



Instrument :
MSVOA_W
ClientSampleId :
VW0924SBS01

Manual Integrations
APPROVED

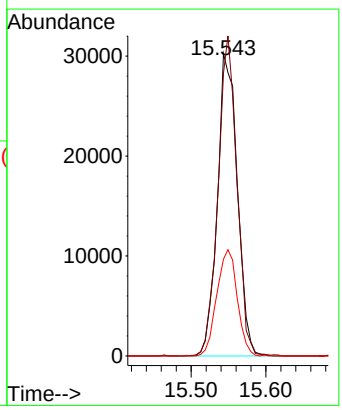
Reviewed By :Mahesh Dadoda 09/26/2025
Supervised By :Semsettin Yesilyurt 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.298 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW032243.D
Acq: 24 Sep 2025 15:03

Tgt Ion:180 Resp: 56366

Ion	Ratio	Lower	Upper
180	100		
182	100.0	47.7	143.1
145	35.9	17.2	51.6



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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0926SBS01	SDG No.:	Q3178
Lab Sample ID:	VW0926SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032269.D	1	09/26/25 10:08	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	21.2		1.10	5.00	ug/Kg
74-87-3	Chloromethane	20.2		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.8		0.79	5.00	ug/Kg
74-83-9	Bromomethane	23.1		1.10	5.00	ug/Kg
75-00-3	Chloroethane	21.5		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	18.7		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	21.7		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.1		1.00	5.00	ug/Kg
67-64-1	Acetone	120		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	16.1		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	21.3		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.9		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.3		0.79	5.00	ug/Kg
78-93-3	2-Butanone	100		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.2		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.8		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.1		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.3		0.91	5.00	ug/Kg
71-43-2	Benzene	21.0		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.1		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	91.9		3.60	25.0	ug/Kg
108-88-3	Toluene	20.8		0.78	5.00	ug/Kg

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0926SBS01	SDG No.:	Q3178
Lab Sample ID:	VW0926SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032269.D	1	09/26/25 10:08	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.1		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	96.1		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.7		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	21.4		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	44.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.6		0.82	5.00	ug/Kg
100-42-5	Styrene	22.2		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.7		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.6		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.9		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	18.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.1		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.1		63 - 155	94%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		70 - 134	93%	SPK: 50
2037-26-5	Toluene-d8	46.9		74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		17 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	258000	7.959			
540-36-3	1,4-Difluorobenzene	477000	8.849			
3114-55-4	Chlorobenzene-d5	427000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	223000	13.556			

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 916	Date Received:	
Client Sample ID:	VW0926SBS01	SDG No.:	Q3178
Lab Sample ID:	VW0926SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032269.D	1	09/26/25 10:08	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_W\Data\VW092625\
Data File : VW032269.D
Acq On : 26 Sep 2025 10:08
Operator : SY/MD
Sample : VW0926SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 27 04:31:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED
Reviewed By :Mahesh Dadoda
09/29/2025
Supervised By :Semsettin Yesilyurt
09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	258288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	477257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	426681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	223480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	192065	47.094	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 94.180%			
35) Dibromofluoromethane	7.904	113	158775	46.259	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 92.520%			
50) Toluene-d8	10.325	98	579559	46.852	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 93.700%			
62) 4-Bromofluorobenzene	12.617	95	225595	48.349	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 96.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	37842	21.206	ug/l	98
3) Chloromethane	2.253	50	51625	20.215	ug/l	96
4) Vinyl Chloride	2.405	62	67947	22.772	ug/l	96
5) Bromomethane	2.820	94	47148	23.140	ug/l	88
6) Chloroethane	2.966	64	43409	21.469	ug/l	96
7) Trichlorofluoromethane	3.301	101	41970	18.668	ug/l	98
8) Diethyl Ether	3.716	74	42168	19.836	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	62237	21.687	ug/l	100
10) Methyl Iodide	4.307	142	83781	21.585	ug/l	99
11) Tert butyl alcohol	5.222	59	30277	106.950	ug/l	96
12) 1,1-Dichloroethene	4.082	96	67892	22.132	ug/l	87
13) Acrolein	3.929	56	48232	95.724	ug/l	96
14) Allyl chloride	4.698	41	101529	21.326	ug/l	99
15) Acrylonitrile	5.399	53	99331	90.724	ug/l	98
16) Acetone	4.161	43	124429	118.802	ug/l	100
17) Carbon Disulfide	4.417	76	156951	22.253	ug/l	99
18) Methyl Acetate	4.704	43	58117	16.134	ug/l	97
19) Methyl tert-butyl Ether	5.466	73	116547	20.496	ug/l	98
20) Methylene Chloride	4.954	84	97152	21.347	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	69980	21.155	ug/l	96
22) Diisopropyl ether	6.338	45	224780	21.248	ug/l	93
23) Vinyl Acetate	6.283	43	702126	103.170	ug/l	99
24) 1,1-Dichloroethane	6.240	63	139846	20.941	ug/l	99
25) 2-Butanone	7.197	43	147498	101.035	ug/l	93
26) 2,2-Dichloropropane	7.185	77	69568	21.140	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	83416	20.275	ug/l	97
28) Bromochloromethane	7.532	49	64260	20.166	ug/l #	99
29) Tetrahydrofuran	7.551	42	85741	90.468	ug/l	99
30) Chloroform	7.691	83	144668	20.763	ug/l	98
31) Cyclohexane	7.971	56	112115	21.291	ug/l	95
32) 1,1,1-Trichloroethane	7.886	97	99064	21.104	ug/l	98
36) 1,1-Dichloropropene	8.093	75	94168	20.350	ug/l	98
37) Ethyl Acetate	7.270	43	59573	19.411	ug/l	99
38) Carbon Tetrachloride	8.081	117	90875	20.874	ug/l	99
39) Methylcyclohexane	9.343	83	108509	20.265	ug/l	97
40) Benzene	8.337	78	305208	20.954	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032269.D
Acq On : 26 Sep 2025 10:08
Operator : SY/MD
Sample : VW0926SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 27 04:31:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

Supervised By :Semsettin Yesilyurt
09/29/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.496	41	31816	18.101 ug/l	96
42) 1,2-Dichloroethane	8.410	62	97519	20.142 ug/l	99
43) Isopropyl Acetate	8.435	43	103104	18.768 ug/l	99
44) Trichloroethene	9.099	130	71206	20.915 ug/l	94
45) 1,2-Dichloropropane	9.374	63	77145	20.449 ug/l	98
46) Dibromomethane	9.465	93	46372	19.993 ug/l	98
47) Bromodichloromethane	9.648	83	106292	20.093 ug/l	100
48) Methyl methacrylate	9.441	41	48310	18.692 ug/l	98
49) 1,4-Dioxane	9.459	88	11583	372.877 ug/l #	94
51) 4-Methyl-2-Pentanone	10.215	43	299407	91.920 ug/l	98
52) Toluene	10.392	92	187424	20.760 ug/l	99
53) t-1,3-Dichloropropene	10.611	75	97505	20.117 ug/l	95
54) cis-1,3-Dichloropropene	10.075	75	114169	20.403 ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	61241	19.344 ug/l	94
56) Ethyl methacrylate	10.648	69	79427	19.046 ug/l	99
57) 1,3-Dichloropropane	10.934	76	108013	19.749 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	200248	87.473 ug/l	100
59) 2-Hexanone	10.971	43	213695	96.071 ug/l	97
60) Dibromochloromethane	11.129	129	69693	20.044 ug/l	98
61) 1,2-Dibromoethane	11.239	107	59022	19.678 ug/l	97
64) Tetrachloroethene	10.861	164	55720	21.429 ug/l	86
65) Chlorobenzene	11.660	112	213331	21.706 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	64799	20.847 ug/l	97
67) Ethyl Benzene	11.727	91	349768	21.742 ug/l	100
68) m/p-Xylenes	11.837	106	272503	44.189 ug/l	97
69) o-Xylene	12.166	106	124923	21.555 ug/l	96
70) Styrene	12.178	104	225931	22.230 ug/l	100
71) Bromoform	12.349	173	35746	19.735 ug/l	97
73) Isopropylbenzene	12.464	105	320847	20.627 ug/l	100
74) N-amyl acetate	12.269	43	93561	19.100 ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	76820	18.837 ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	56341m	18.325 ug/l	
77) Bromobenzene	12.745	156	77712	20.312 ug/l	93
78) n-propylbenzene	12.800	91	415955	21.290 ug/l	100
79) 2-Chlorotoluene	12.891	91	250287	21.147 ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	275113	20.687 ug/l	100
81) trans-1,4-Dichloro-2-b...	12.513	75	21754	18.378 ug/l	93
82) 4-Chlorotoluene	12.989	91	260792	20.849 ug/l	100
83) tert-Butylbenzene	13.202	119	224202	20.159 ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	278390	20.618 ug/l	99
85) sec-Butylbenzene	13.379	105	347938	20.833 ug/l	99
86) p-Isopropyltoluene	13.495	119	290111	20.974 ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	163503	21.606 ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	159112	20.581 ug/l	98
89) n-Butylbenzene	13.818	91	289490	20.855 ug/l	99
90) Hexachloroethane	14.092	117	53545	20.770 ug/l	97
91) 1,2-Dichlorobenzene	13.867	146	147974	20.903 ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	12549	17.990 ug/l	94
93) 1,2,4-Trichlorobenzene	15.123	180	83072	19.780 ug/l	100
94) Hexachlorobutadiene	15.232	225	41545	21.539 ug/l	87
95) Naphthalene	15.360	128	188745	18.725 ug/l	99
96) 1,2,3-Trichlorobenzene	15.543	180	74748	19.141 ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032269.D
Acq On : 26 Sep 2025 10:08
Operator : SY/MD
Sample : VW0926SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 27 04:31:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

Supervised By :Semsettin Yesilyurt
09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032269.D
Acq On : 26 Sep 2025 10:08
Operator : SY/MD
Sample : VW0926SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

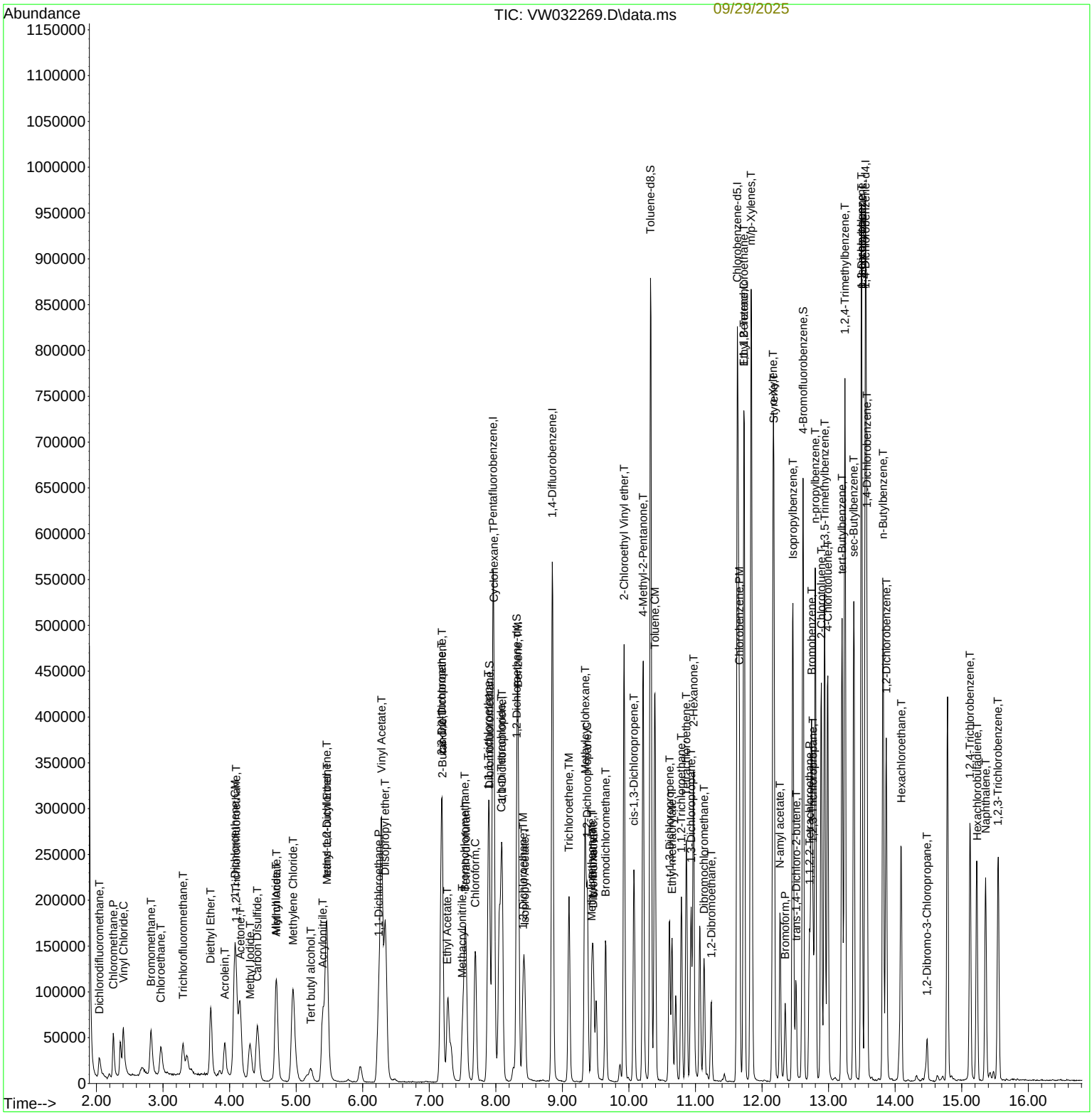
Quant Time: Sep 27 04:31:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
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Response via : Initial Calibration

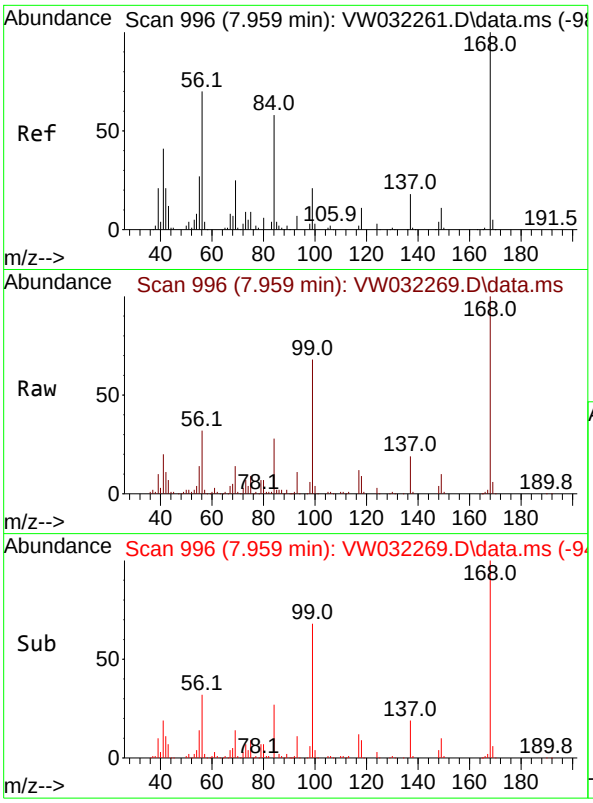
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

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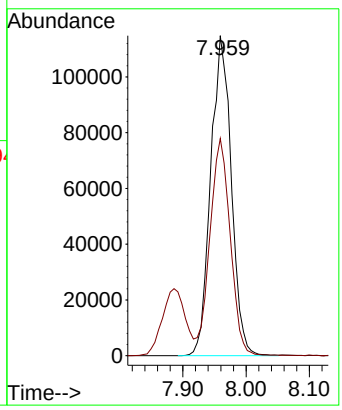




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:168 Resp: 25828

Ion	Ratio	Lower	Upper
168	100		
99	67.7	55.0	82.4

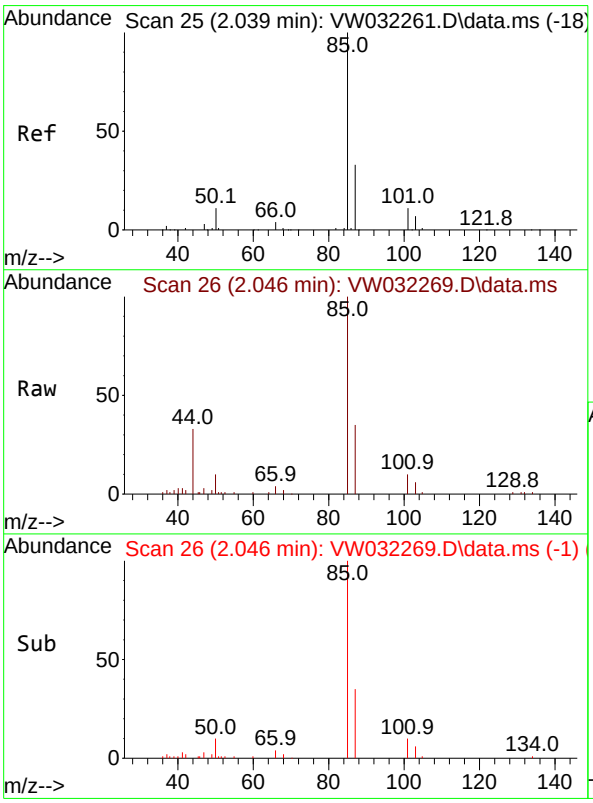


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

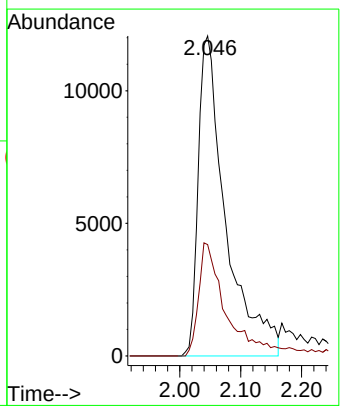
Supervised By :Semsettin Yesilyurt
09/29/2025

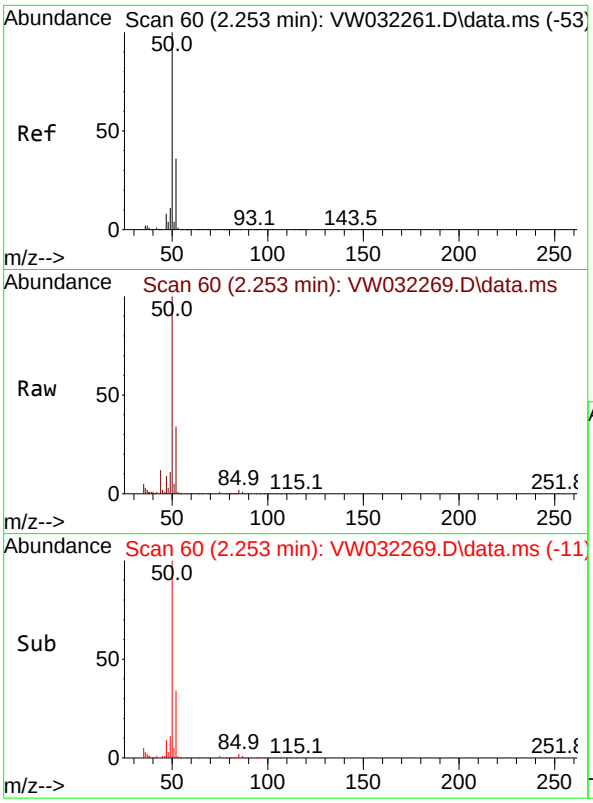


#2
Dichlorodifluoromethane
Concen: 21.206 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 85 Resp: 37842

Ion	Ratio	Lower	Upper
85	100		
87	34.8	16.7	50.1

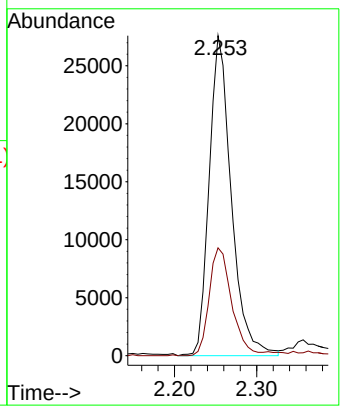




#3
Chloromethane
Concen: 20.215 ug/l
RT: 2.253 min Scan# 6
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 50 Resp: 5162

Ion	Ratio	Lower	Upper
50	100		
52	33.7	28.9	43.3

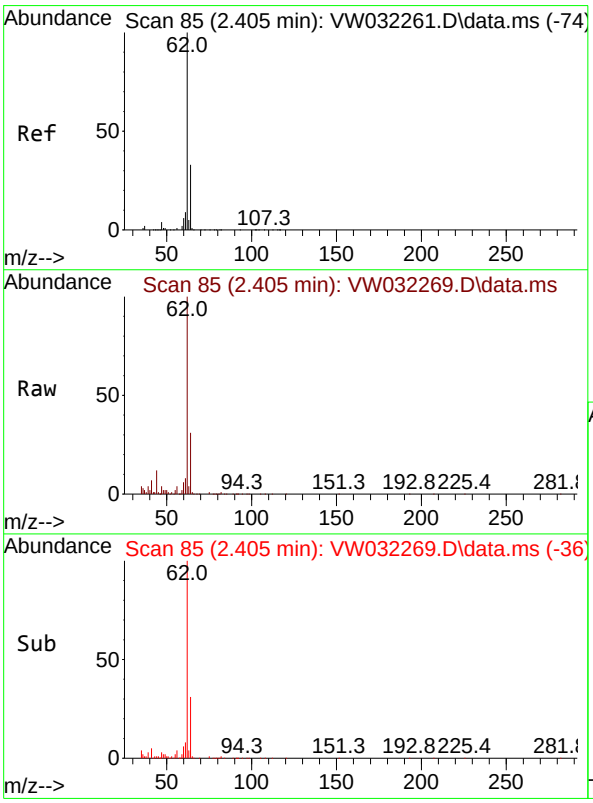


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

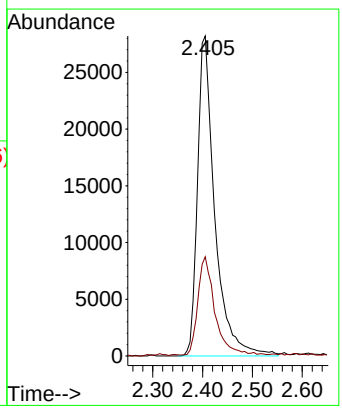
Supervised By :Semsettin Yesilyurt
09/29/2025

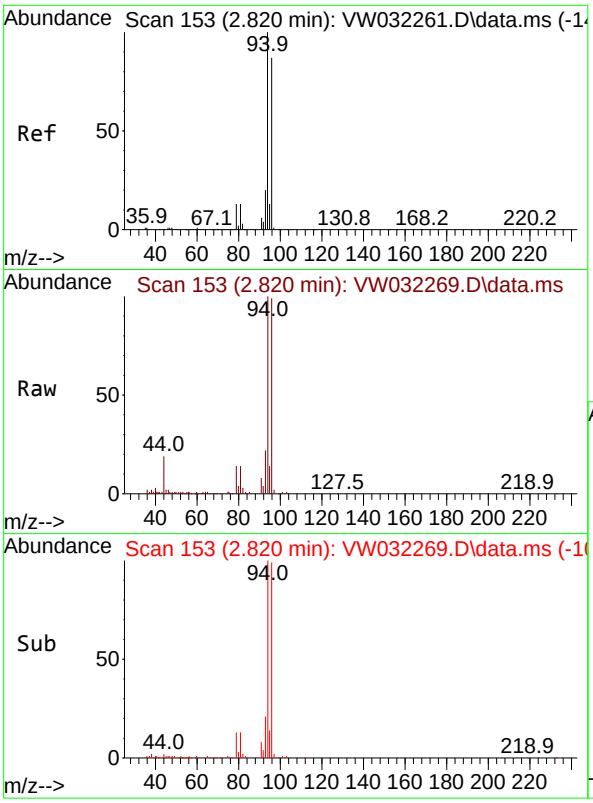


#4
Vinyl Chloride
Concen: 22.772 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 62 Resp: 67947

Ion	Ratio	Lower	Upper
62	100		
64	30.7	26.2	39.4

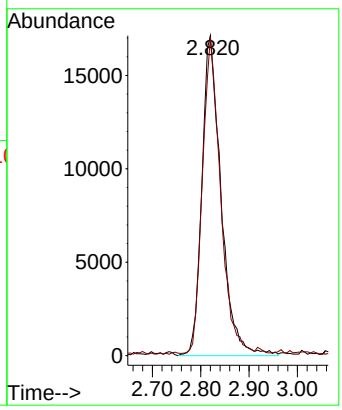




#5
Bromomethane
Concen: 23.140 ug/l
RT: 2.820 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 94 Resp: 4714

Ion	Ratio	Lower	Upper
94	100		
96	98.7	70.0	105.0

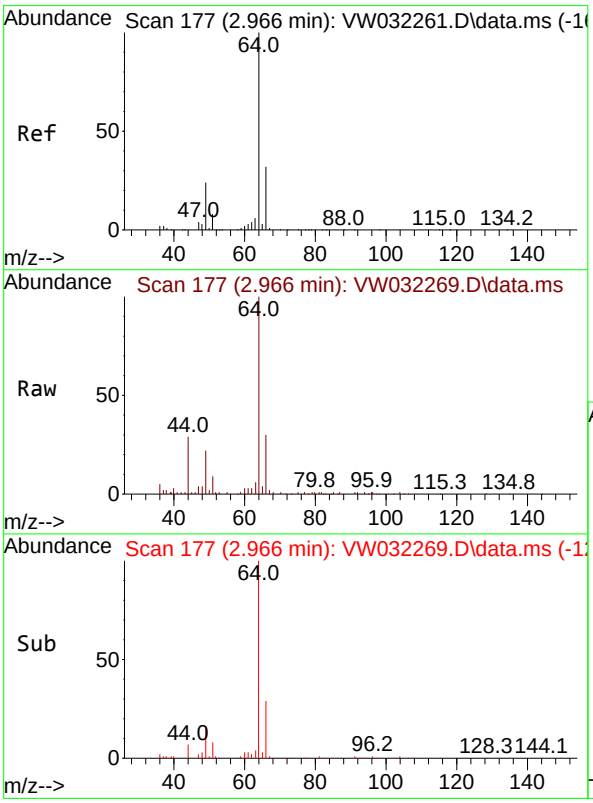


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

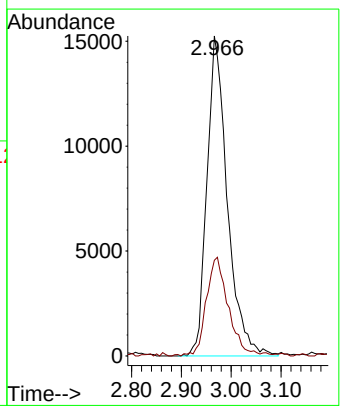
Supervised By :Semsettin Yesilyurt
09/29/2025

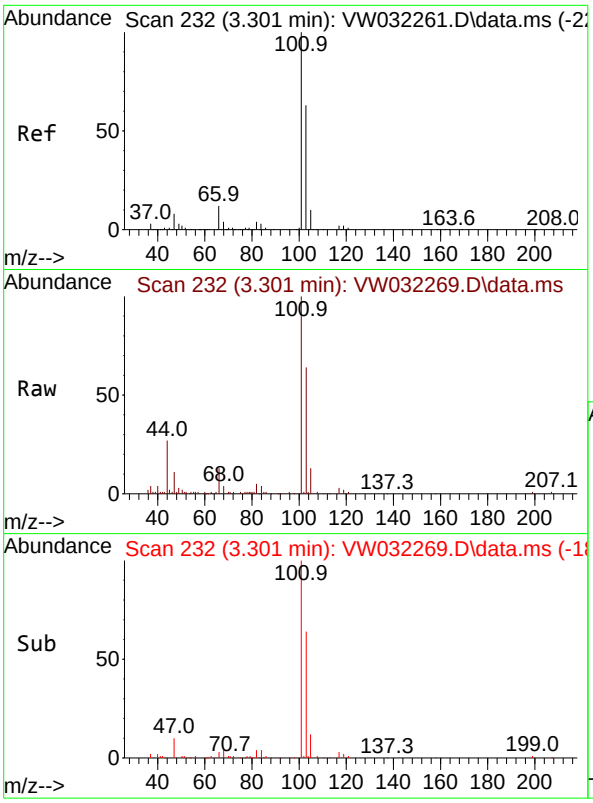


#6
Chloroethane
Concen: 21.469 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 64 Resp: 43409

Ion	Ratio	Lower	Upper
64	100		
66	29.4	25.5	38.3

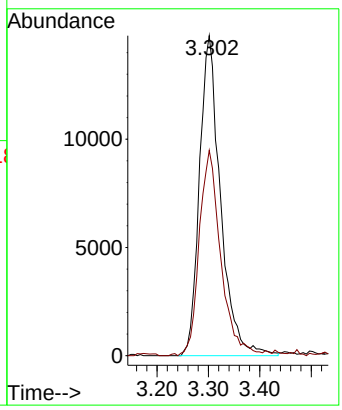




#7
Trichlorofluoromethane
Concen: 18.668 ug/l
RT: 3.301 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:101 Resp: 4197

Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.3	75.5

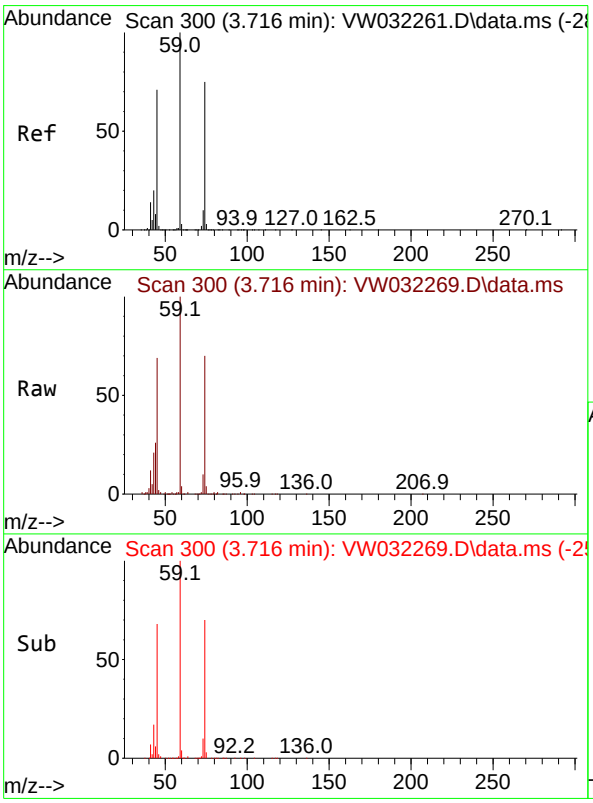


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

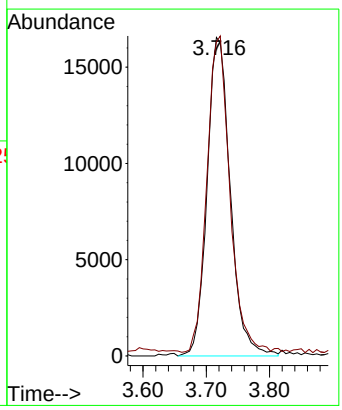
Supervised By :Semsettin Yesilyurt
09/29/2025

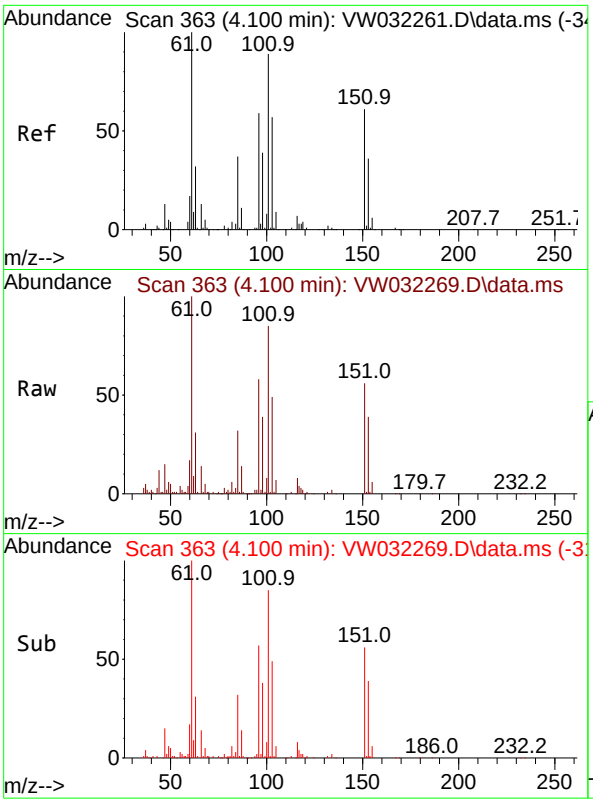


#8
Diethyl Ether
Concen: 19.836 ug/l
RT: 3.716 min Scan# 300
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 74 Resp: 42168

Ion	Ratio	Lower	Upper
74	100		
45	98.0	49.0	147.2

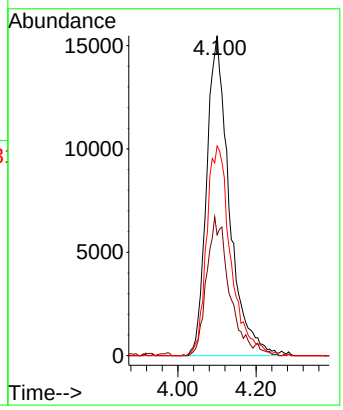




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.687 ug/l
RT: 4.100 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:101 Resp: 6223

Ion	Ratio	Lower	Upper
101	100		
85	42.7	33.7	50.5
151	69.5	55.7	83.5

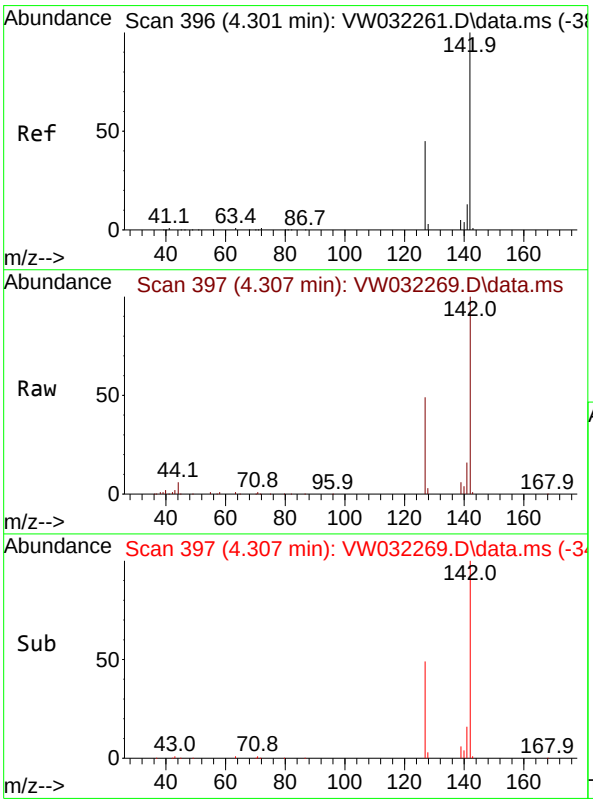


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

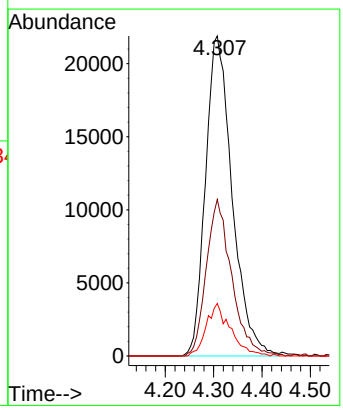
Supervised By :Semsettin Yesilyurt
09/29/2025

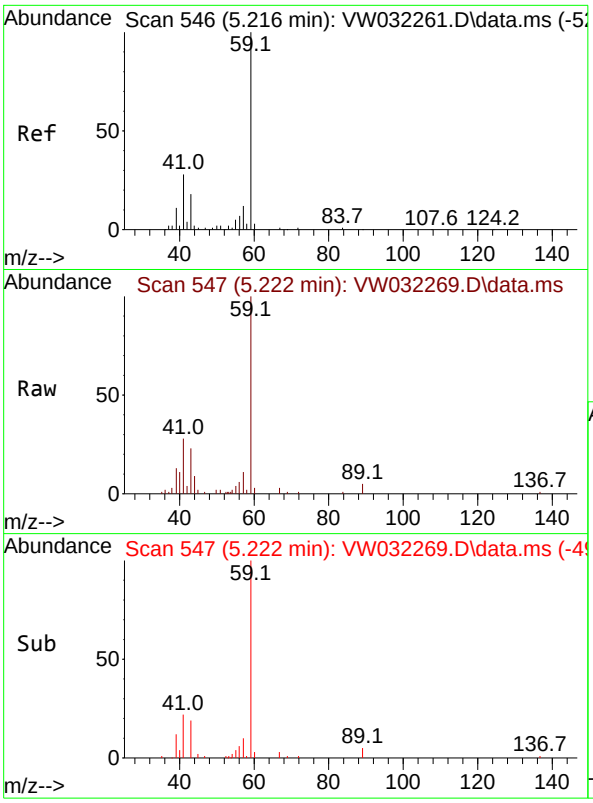


#10
Methyl Iodide
Concen: 21.585 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:142 Resp: 83781

Ion	Ratio	Lower	Upper
142	100		
127	46.6	36.9	55.3
141	14.9	12.0	18.0

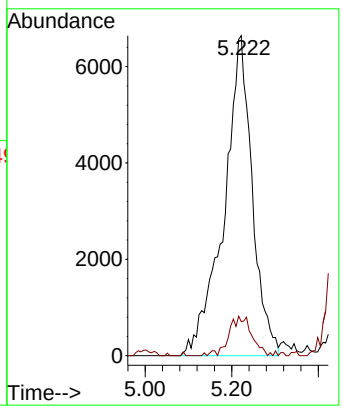




#11
Tert butyl alcohol
Concen: 106.950 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 59 Resp: 3027

Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.9	13.3

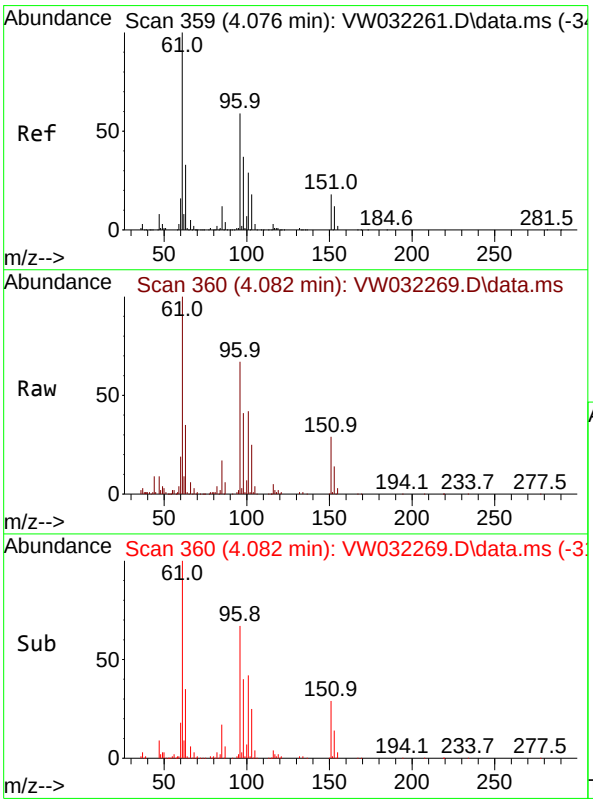


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

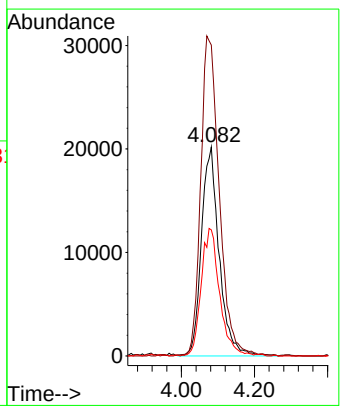
Supervised By :Semsettin Yesilyurt
09/29/2025

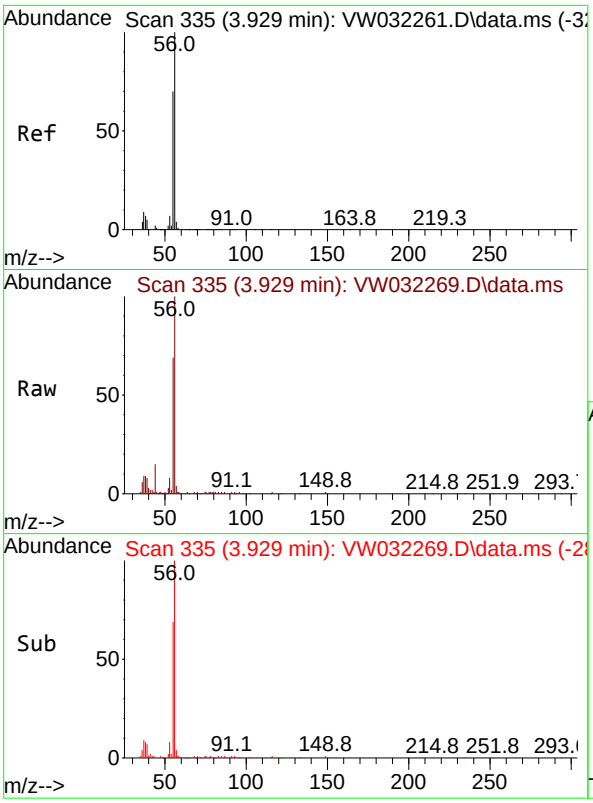


#12
1,1-Dichloroethene
Concen: 22.132 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 96 Resp: 67892

Ion	Ratio	Lower	Upper
96	100		
61	148.8	136.3	204.5
98	60.3	50.7	76.1

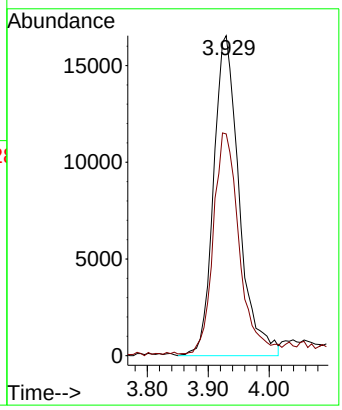




#13
Acrolein
Concen: 95.724 ug/l
RT: 3.929 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 56 Resp: 4823

Ion	Ratio	Lower	Upper
56	100		
55	69.8	53.2	79.8

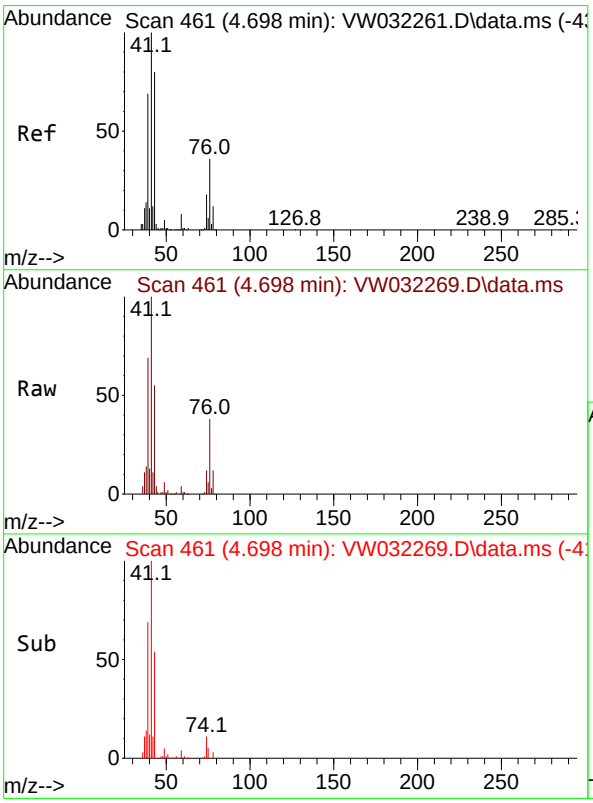


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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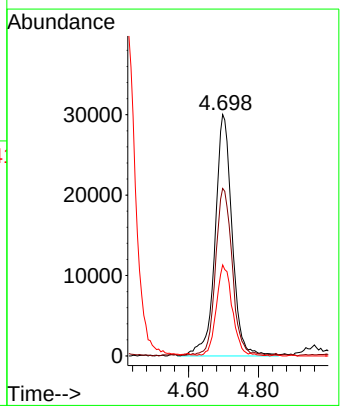
Supervised By :Semsettin Yesilyurt
09/29/2025

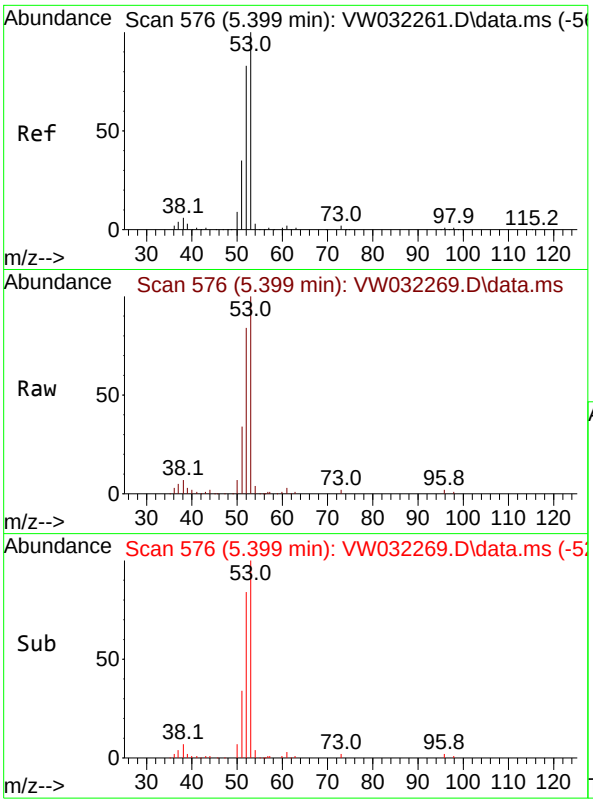


#14
Allyl chloride
Concen: 21.326 ug/l
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 41 Resp: 101529

Ion	Ratio	Lower	Upper
41	100		
39	68.7	54.3	81.5
76	35.7	28.7	43.1

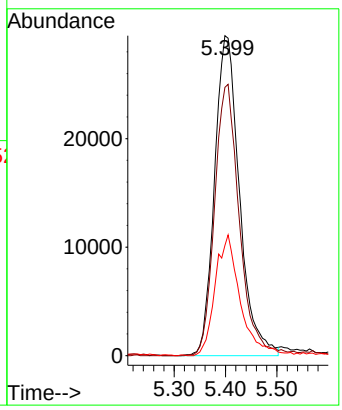




#15
Acrylonitrile
Concen: 90.724 ug/l
RT: 5.399 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 53 Resp: 9933

Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.3	99.5
51	38.2	29.6	44.4

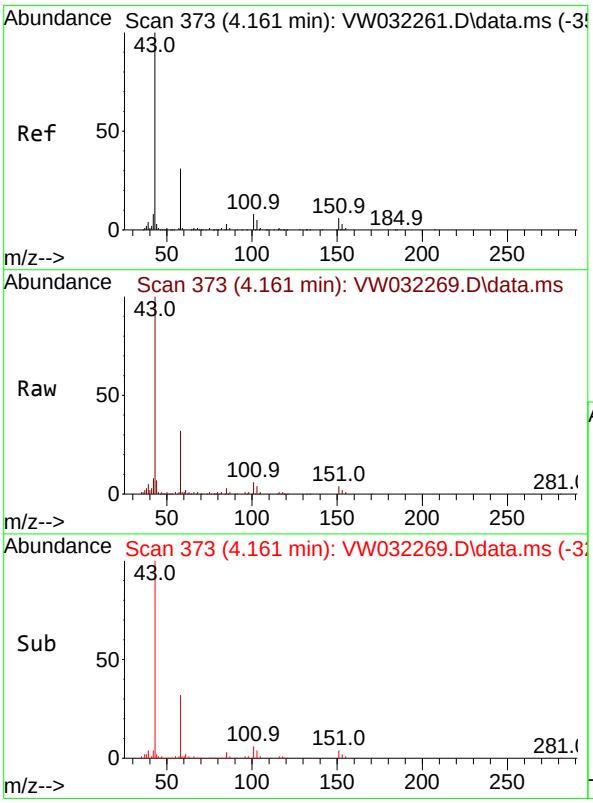


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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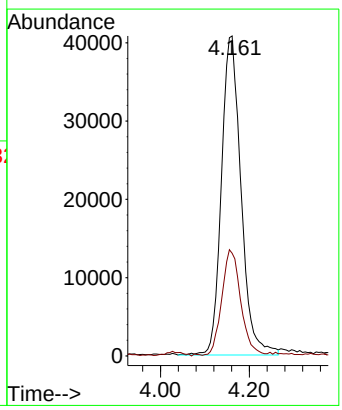
Supervised By :Semsettin Yesilyurt
09/29/2025

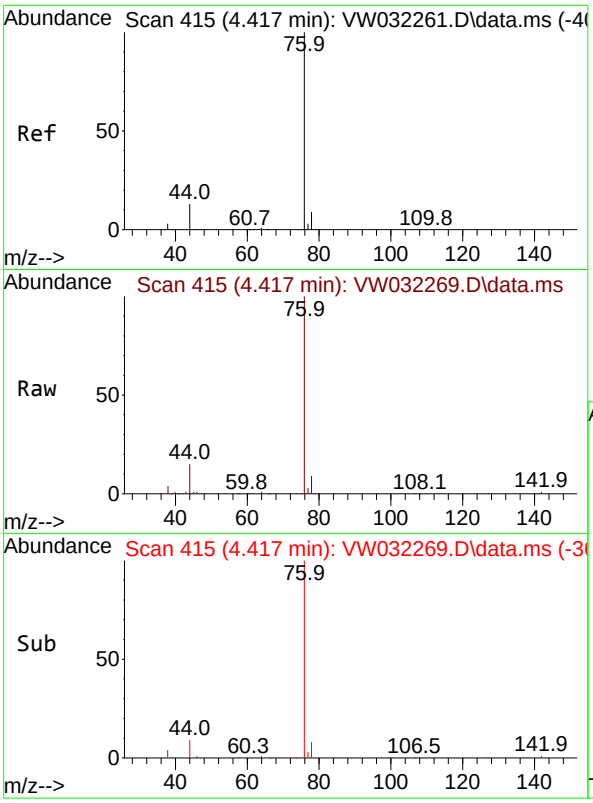


#16
Acetone
Concen: 118.802 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 124429

Ion	Ratio	Lower	Upper
43	100		
58	31.5	25.4	38.0

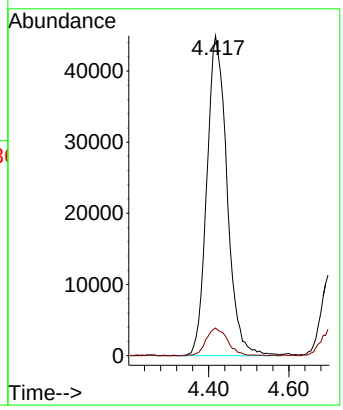




#17
Carbon Disulfide
Concen: 22.253 ug/l
RT: 4.417 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 76 Resp: 15695

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

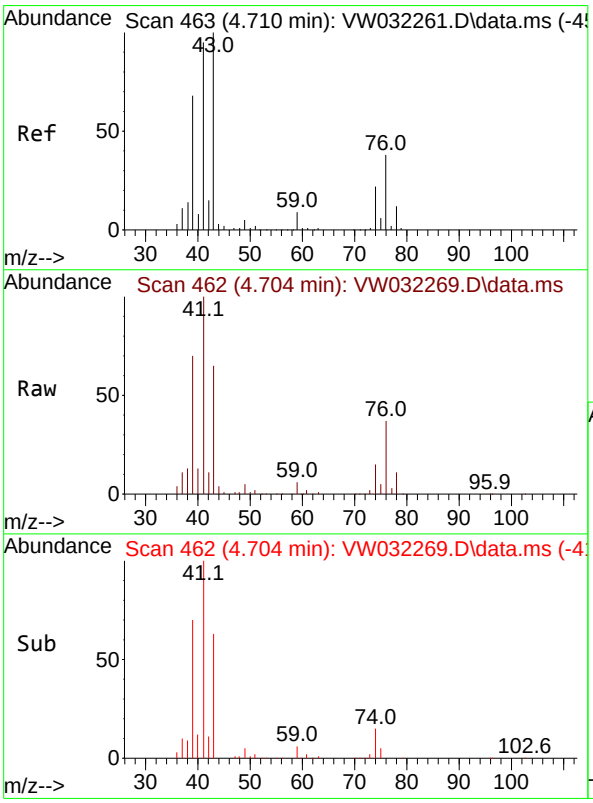


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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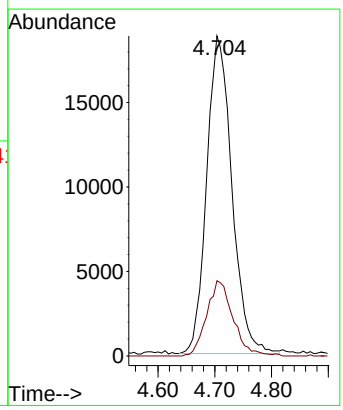
Supervised By :Semsettin Yesilyurt
09/29/2025

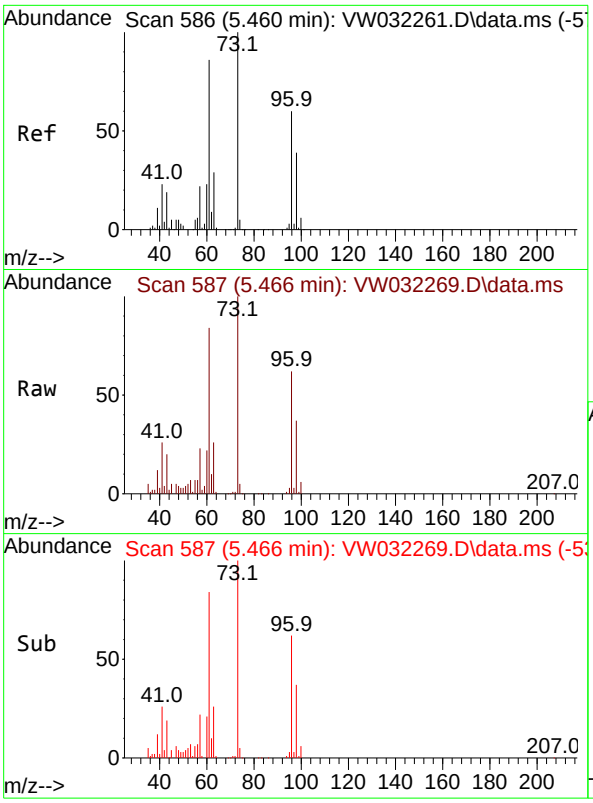


#18
Methyl Acetate
Concen: 16.134 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 58117

Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.8	28.2

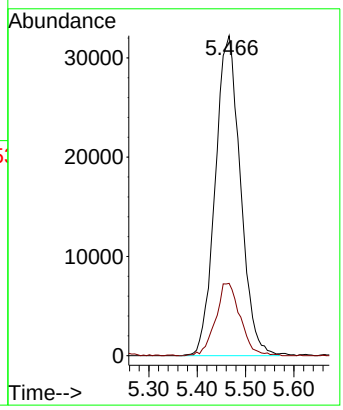




#19
Methyl tert-butyl Ether
Concen: 20.496 ug/l
RT: 5.466 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 73 Resp: 11654

Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.3	25.9

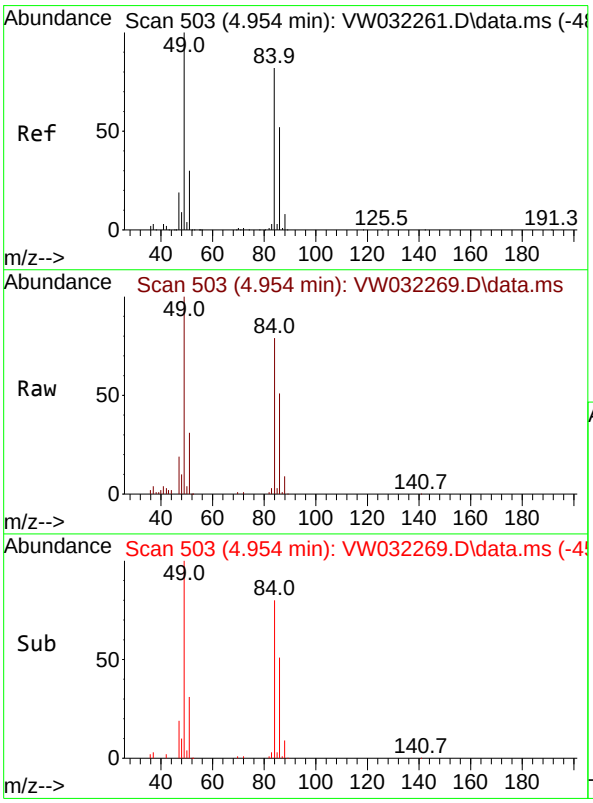


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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Reviewed By :Mahesh Dadoda
09/29/2025

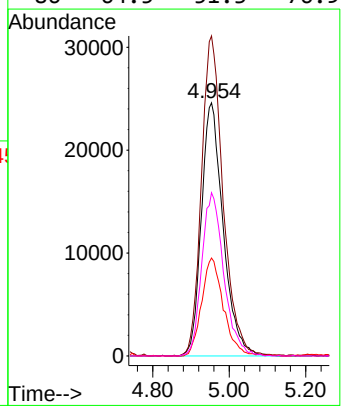
Supervised By :Semsettin Yesilyurt
09/29/2025

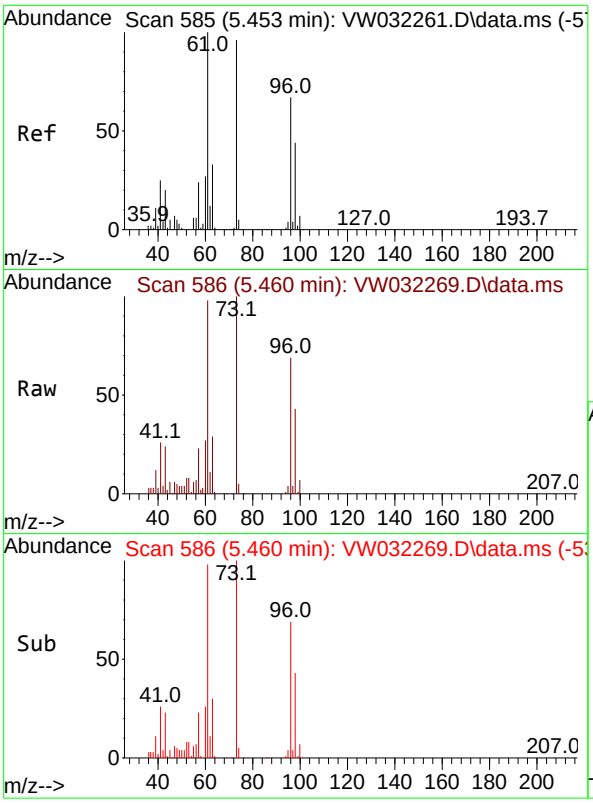


#20
Methylene Chloride
Concen: 21.347 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 84 Resp: 97152

Ion	Ratio	Lower	Upper
84	100		
49	126.4	97.8	146.6
51	38.7	29.9	44.9
86	64.5	51.3	76.9

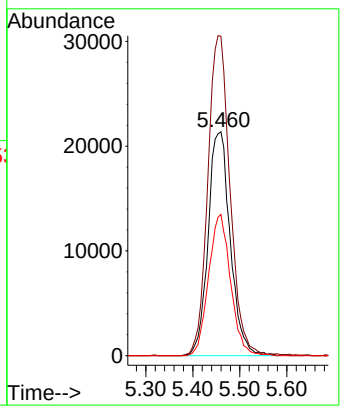




#21
trans-1,2-Dichloroethene
Concen: 21.155 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 96 Resp: 6998

Ion	Ratio	Lower	Upper
96	100		
61	142.6	119.2	178.8
98	63.1	52.5	78.7

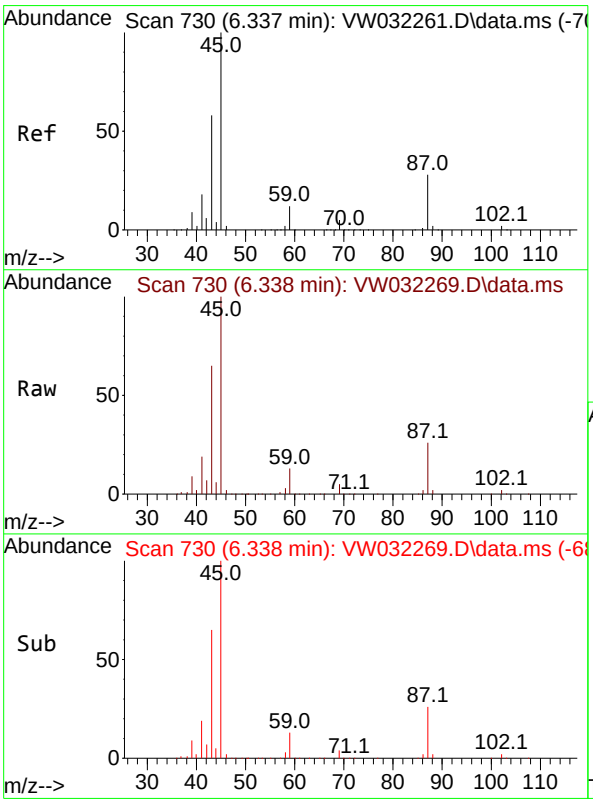


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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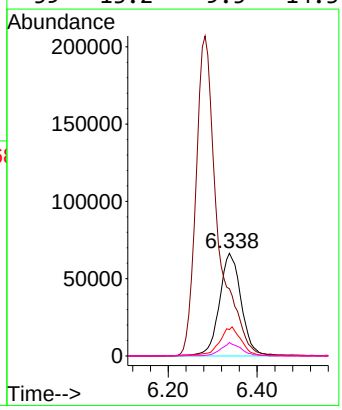
Supervised By :Semsettin Yesilyurt
09/29/2025

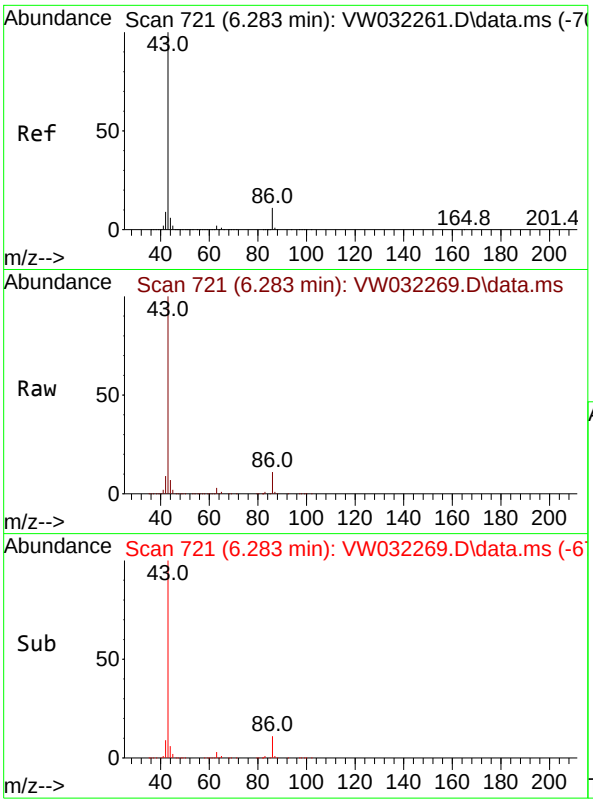


#22
Diisopropyl ether
Concen: 21.248 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 45 Resp: 224780

Ion	Ratio	Lower	Upper
45	100		
43	64.7	46.2	69.4
87	25.3	22.2	33.2
59	13.2	9.5	14.3

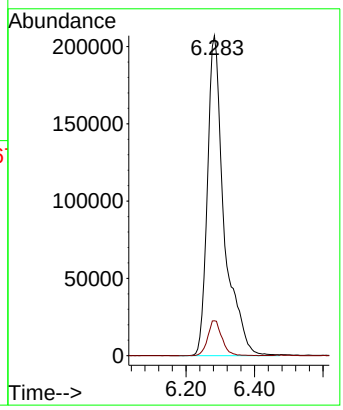




#23
Vinyl Acetate
Concen: 103.170 ug/l
RT: 6.283 min Scan# 7
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 70212

Ion	Ratio	Lower	Upper
43	100		
86	10.9	9.0	13.6

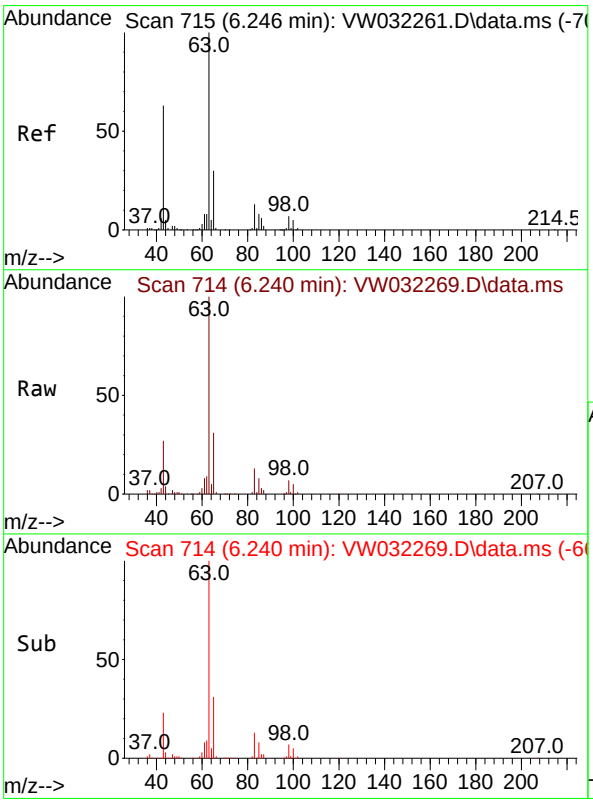


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

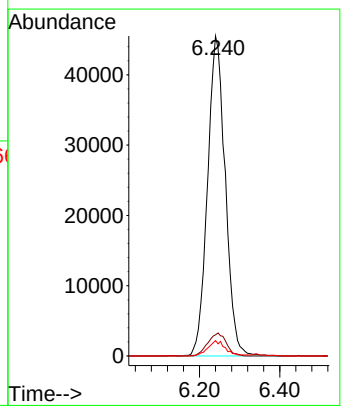
Supervised By :Semsettin Yesilyurt
09/29/2025

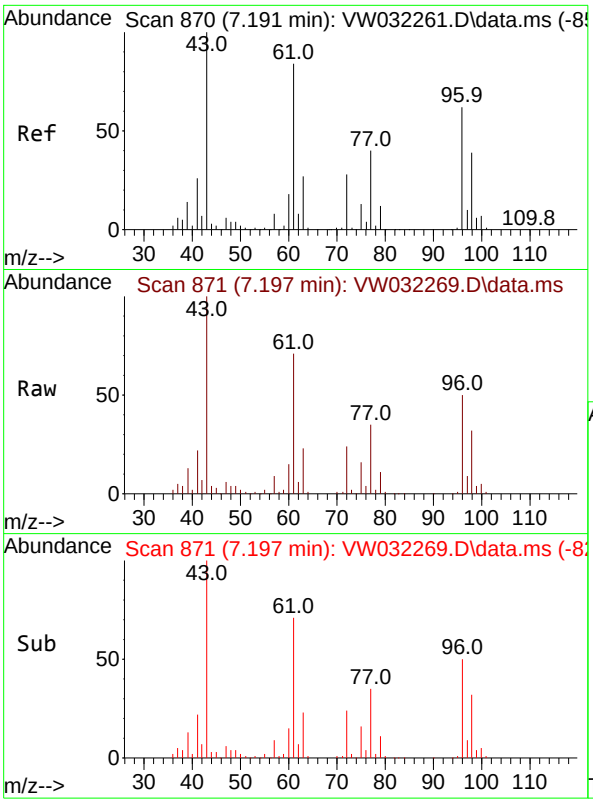


#24
1,1-Dichloroethane
Concen: 20.941 ug/l
RT: 6.240 min Scan# 714
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 63 Resp: 139846

Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.6	10.9
100	4.8	2.4	7.1

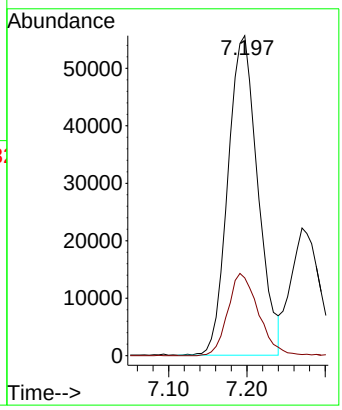




#25
2-Butanone
Concen: 101.035 ug/l
RT: 7.197 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 14749

Ion	Ratio	Lower	Upper
43	100		
72	24.3	22.3	33.5

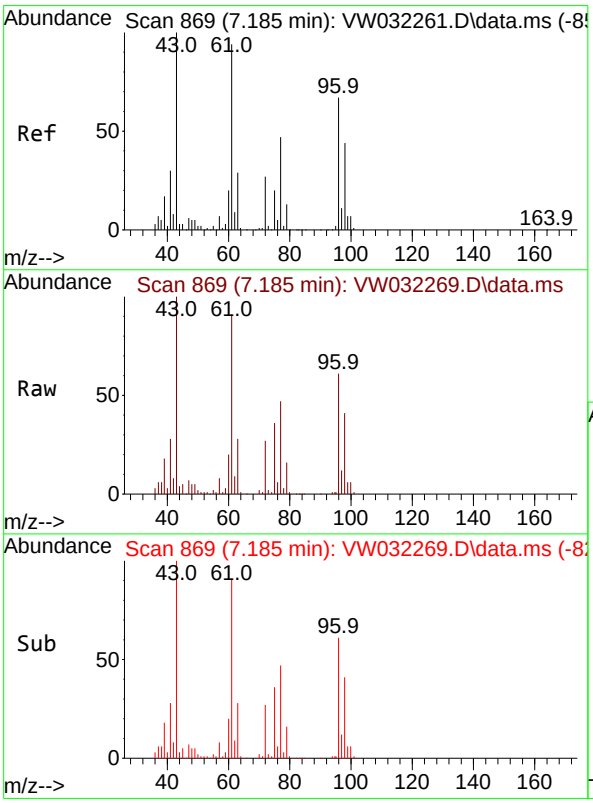


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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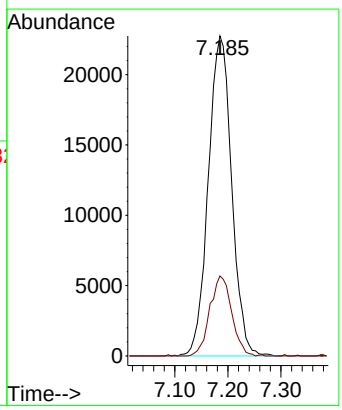
Supervised By :Semsettin Yesilyurt
09/29/2025

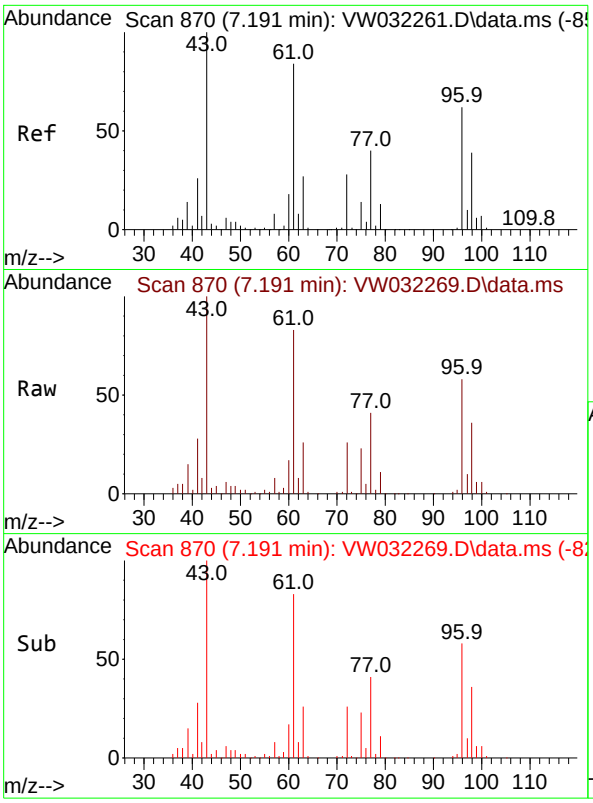


#26
2,2-Dichloropropane
Concen: 21.140 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 77 Resp: 69568

Ion	Ratio	Lower	Upper
77	100		
97	23.4	11.7	35.0

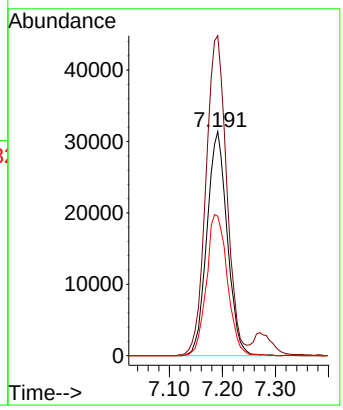




#27
cis-1,2-Dichloroethene
Concen: 20.275 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 96 Resp: 8341

Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	281.8
98	65.0	0.0	130.8

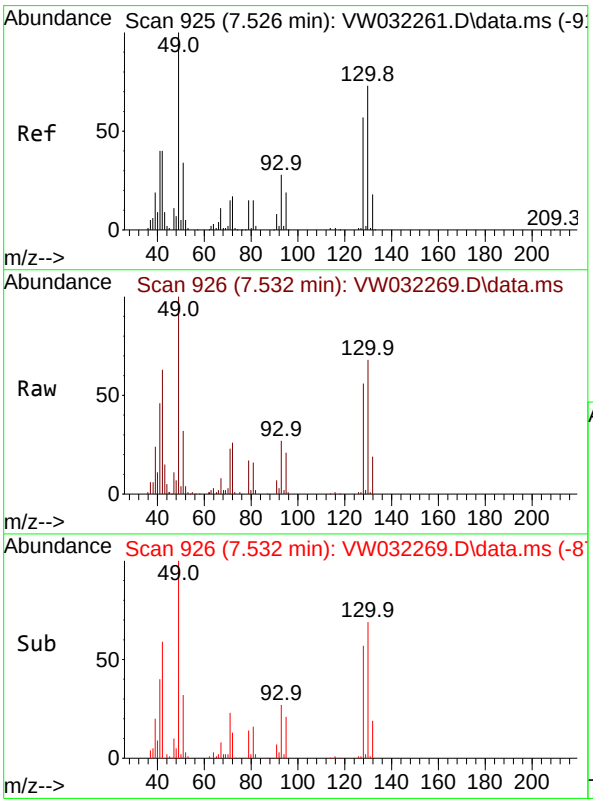


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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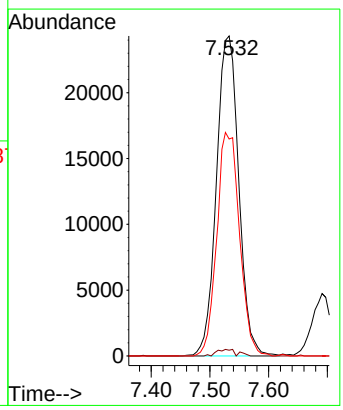
Supervised By :Semsettin Yesilyurt
09/29/2025

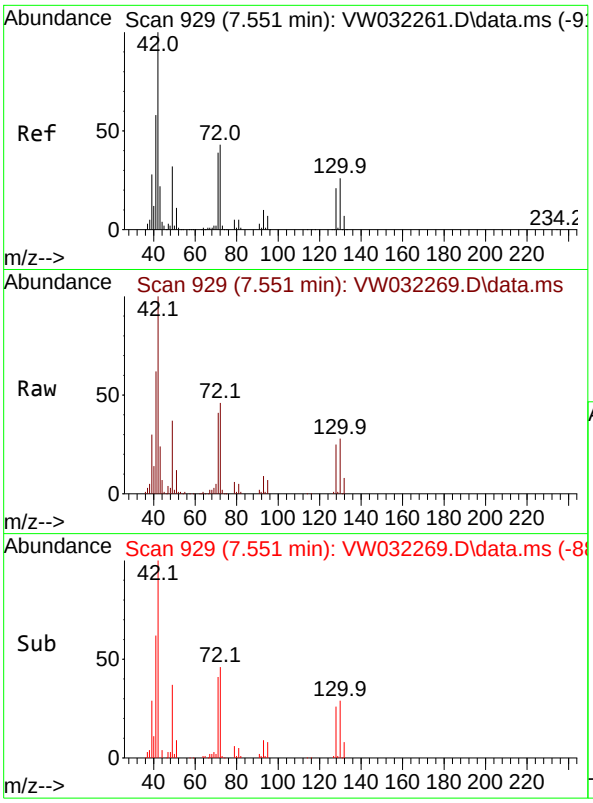


#28
Bromochloromethane
Concen: 20.166 ug/l
RT: 7.532 min Scan# 926
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 49 Resp: 64260

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.2
130	71.0	0.0	0.0#

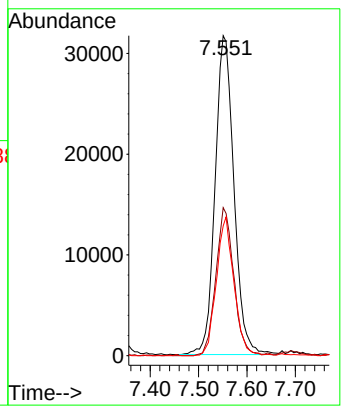




#29
Tetrahydrofuran
Concen: 90.468 ug/l
RT: 7.551 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 42 Resp: 8574

Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.1	52.7
71	40.5	33.3	49.9

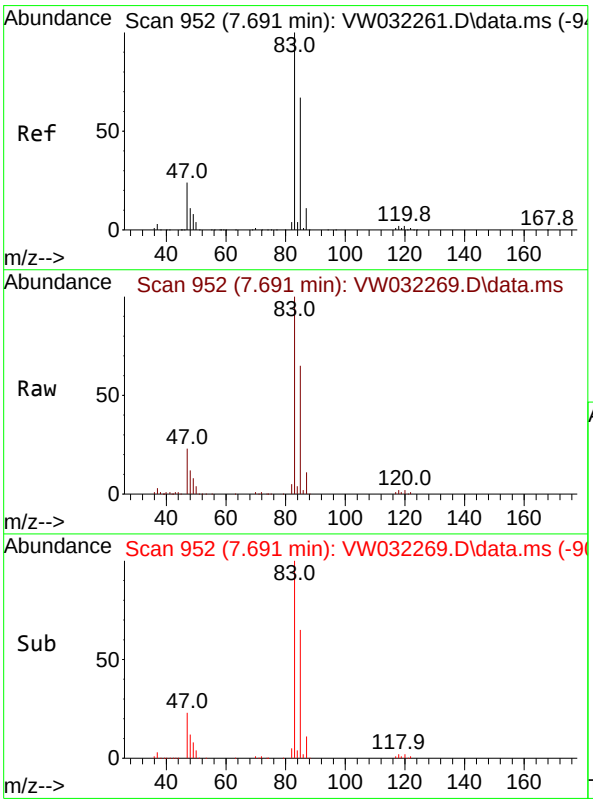


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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Reviewed By :Mahesh Dadoda
09/29/2025

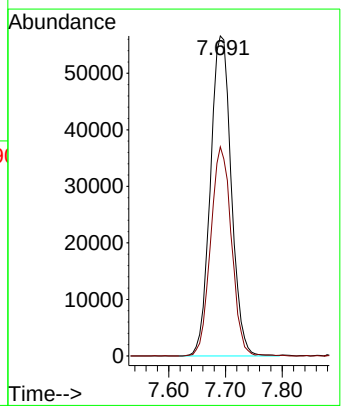
Supervised By :Semsettin Yesilyurt
09/29/2025

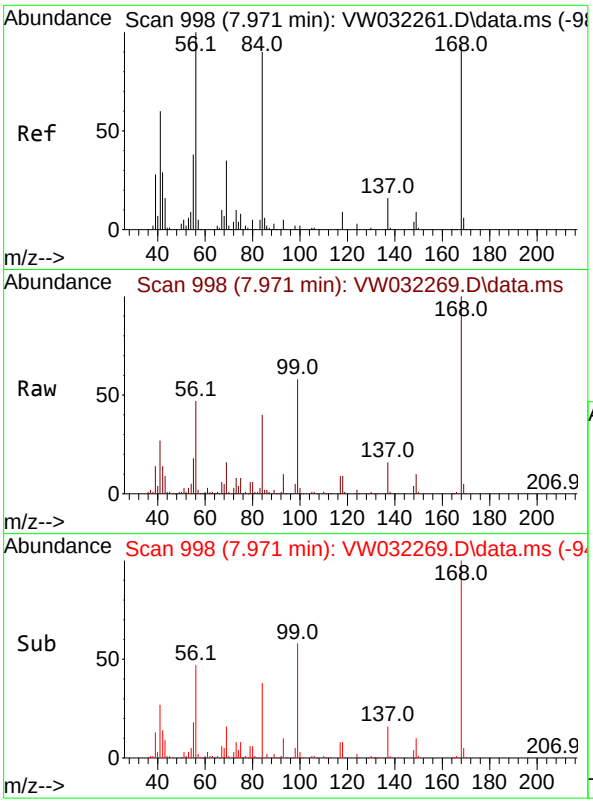


#30
Chloroform
Concen: 20.763 ug/l
RT: 7.691 min Scan# 952
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 83 Resp: 144668

Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.3	79.9

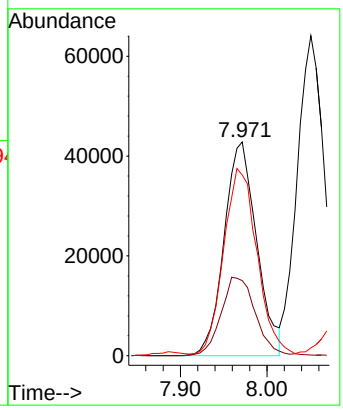




#31
Cyclohexane
Concen: 21.291 ug/l
RT: 7.971 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 56 Resp: 11211

Ion	Ratio	Lower	Upper
56	100		
69	35.1	28.2	42.2
84	83.2	71.8	107.6

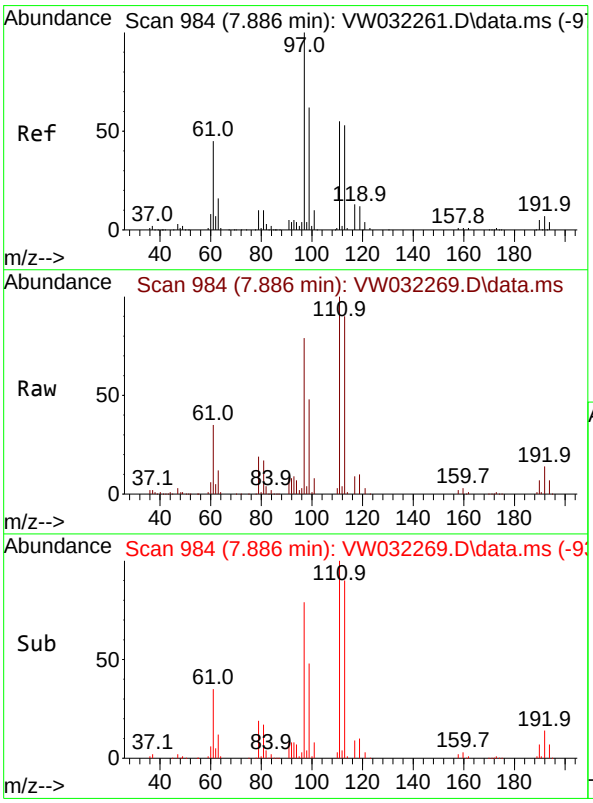


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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Reviewed By :Mahesh Dadoda
09/29/2025

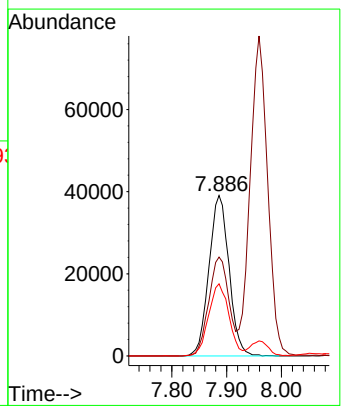
Supervised By :Semsettin Yesilyurt
09/29/2025

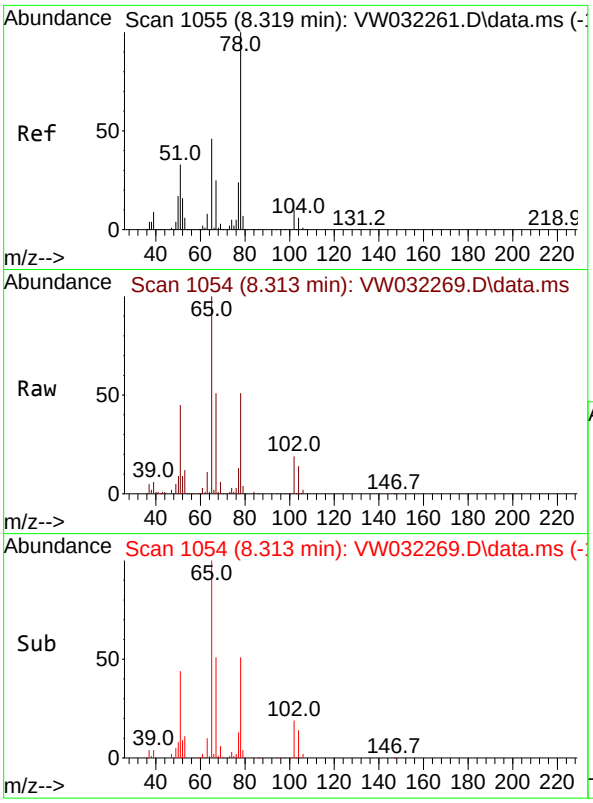


#32
1,1,1-Trichloroethane
Concen: 21.104 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 97 Resp: 99064

Ion	Ratio	Lower	Upper
97	100		
99	61.4	50.6	76.0
61	45.7	36.2	54.4

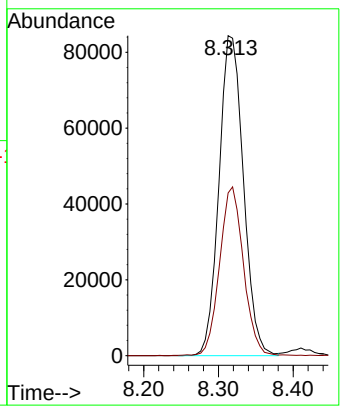




#33
1,2-Dichloroethane-d4
Concen: 47.094 ug/l
RT: 8.313 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 65 Resp: 19206

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.8

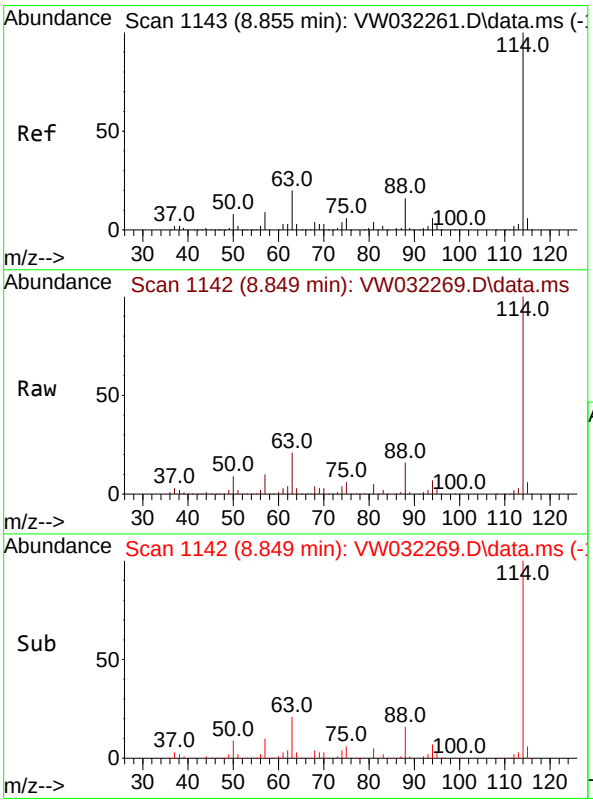


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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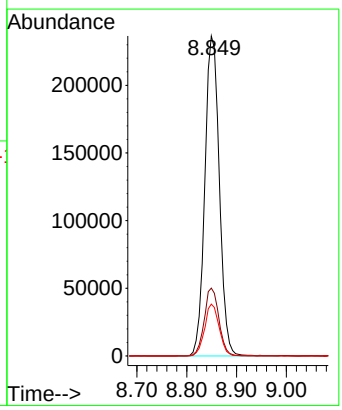
Supervised By :Semsettin Yesilyurt
09/29/2025

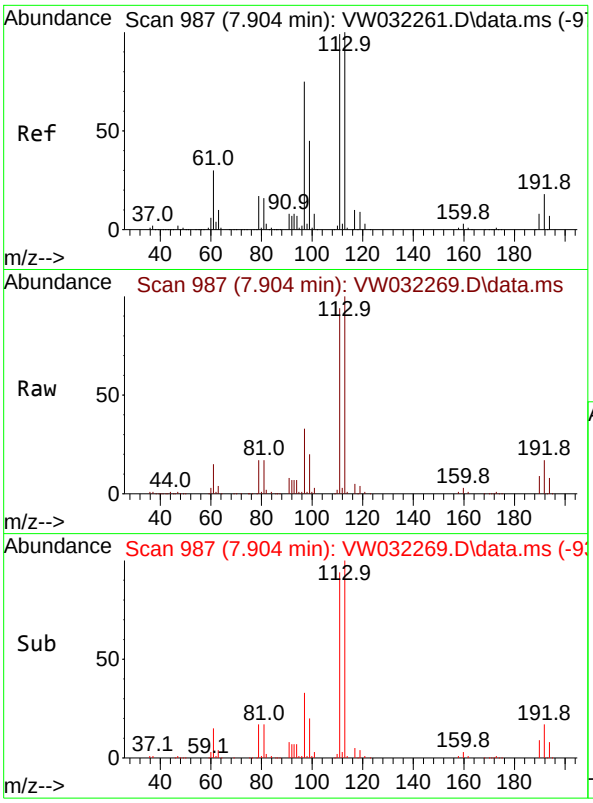


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:114 Resp: 477257

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.2
88	16.2	0.0	32.0

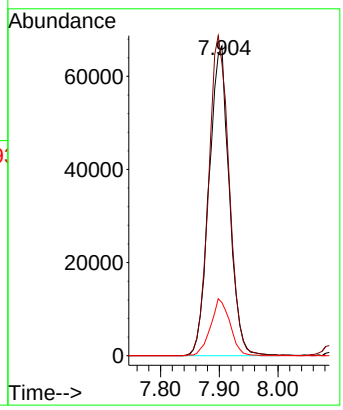




#35
Dibromofluoromethane
Concen: 46.259 ug/l
RT: 7.904 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:113 Resp: 15877

Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.8	122.8
192	17.6	13.0	19.4

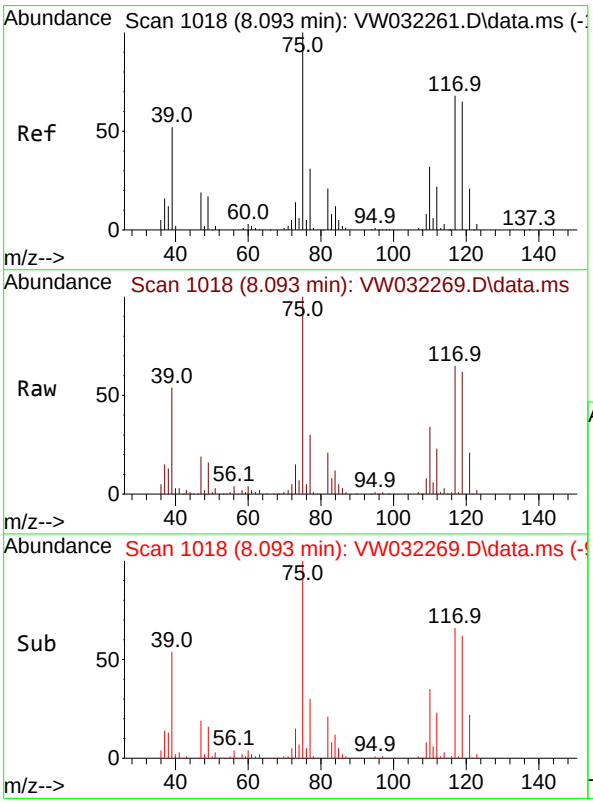


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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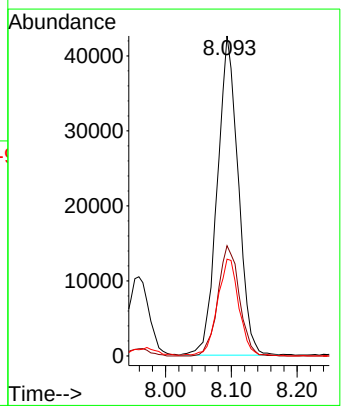
Supervised By :Semsettin Yesilyurt
09/29/2025

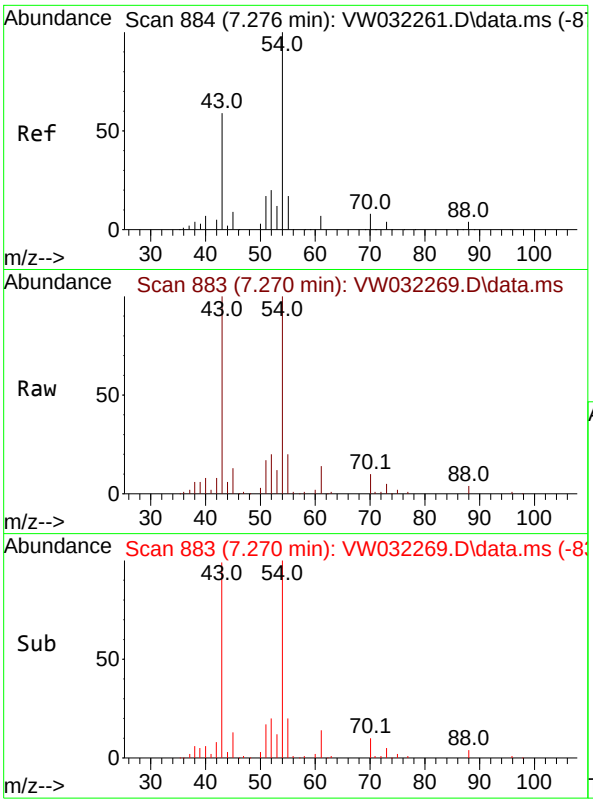


#36
1,1-Dichloropropene
Concen: 20.350 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 94168

Ion	Ratio	Lower	Upper
75	100		
110	35.5	16.7	50.1
77	31.4	25.2	37.8

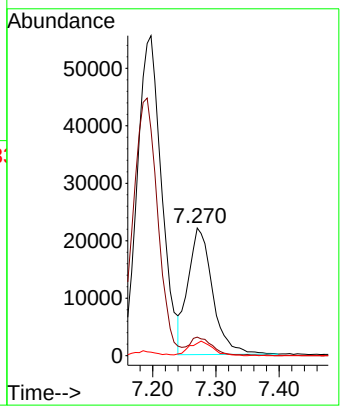




#37
Ethyl Acetate
Concen: 19.411 ug/l
RT: 7.270 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 5957

Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.5	15.7
70	10.8	8.5	12.7

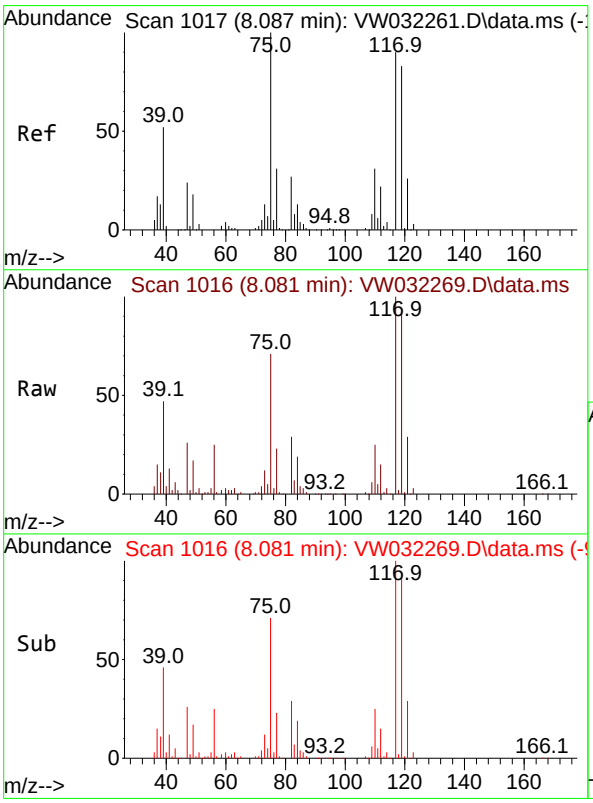


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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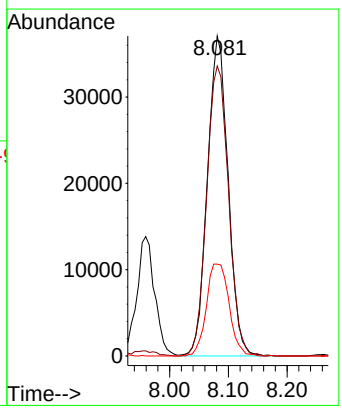
Supervised By :Semsettin Yesilyurt
09/29/2025

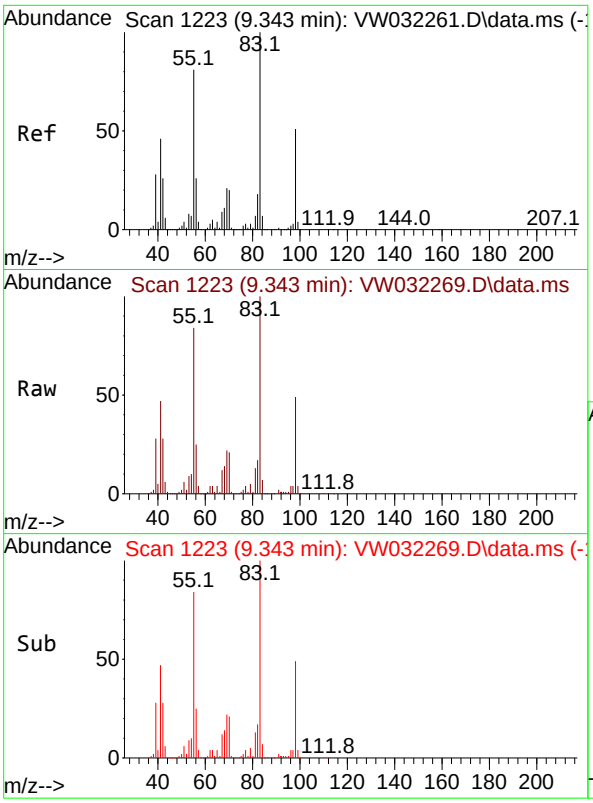


#38
Carbon Tetrachloride
Concen: 20.874 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:117 Resp: 90875

Ion	Ratio	Lower	Upper
117	100		
119	90.6	73.9	110.9
121	28.7	23.0	34.6

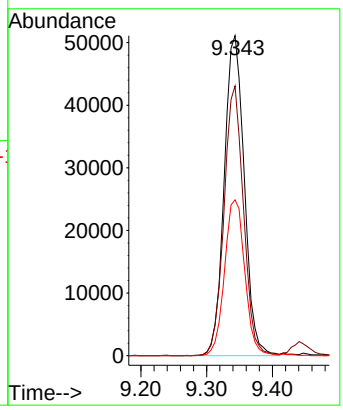




#39
Methylcyclohexane
Concen: 20.265 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 83 Resp: 10850

Ion	Ratio	Lower	Upper
83	100		
55	84.3	65.0	97.6
98	48.7	40.8	61.2

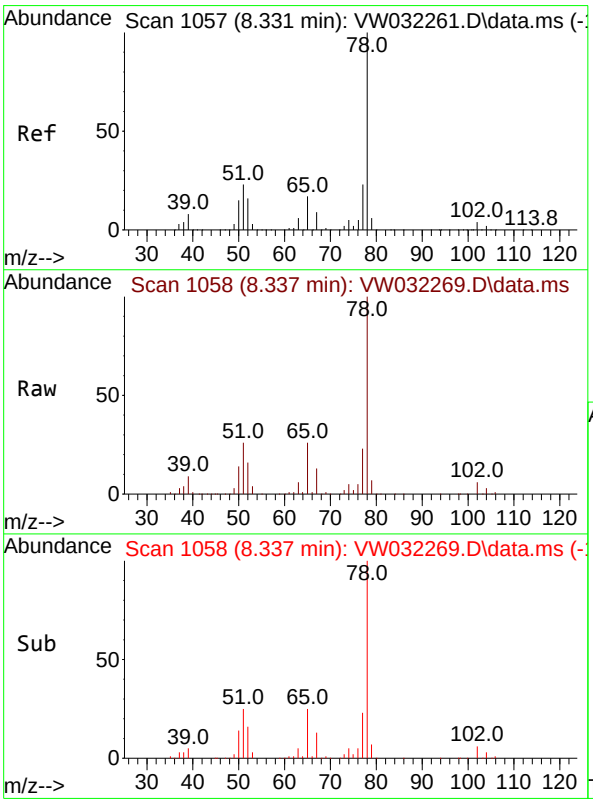


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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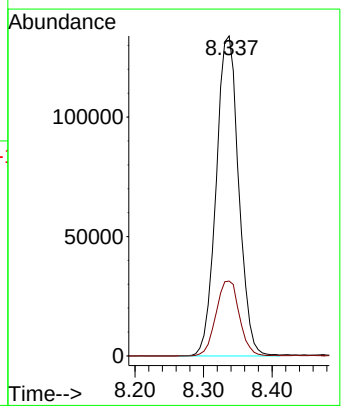
Supervised By :Semsettin Yesilyurt
09/29/2025

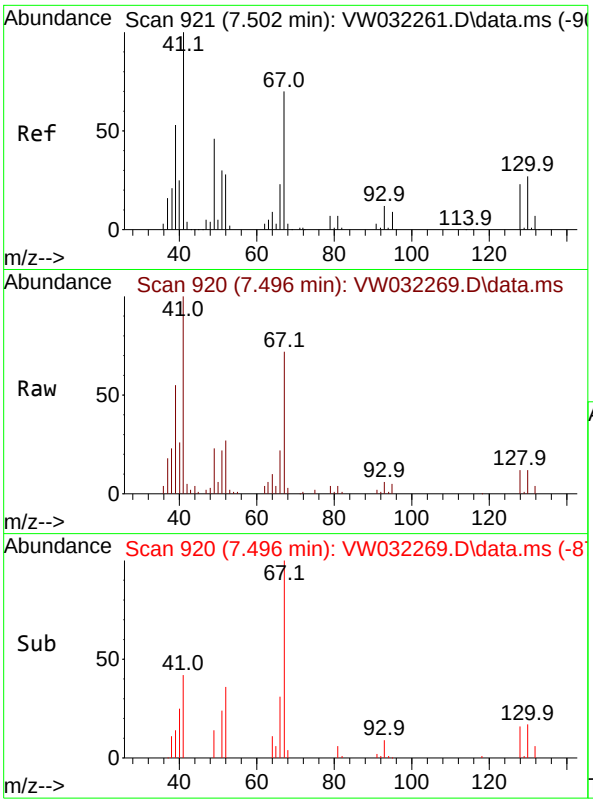


#40
Benzene
Concen: 20.954 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 78 Resp: 305208

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1

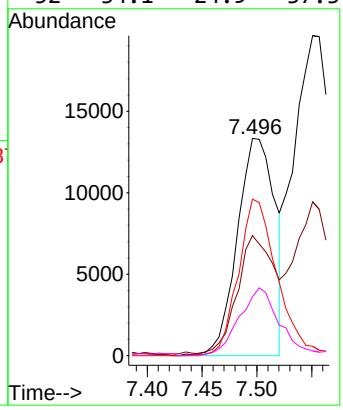




#41
Methacrylonitrile
Concen: 18.101 ug/l
RT: 7.496 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 41 Resp: 3181

Ion	Ratio	Lower	Upper
41	100		
39	53.0	46.9	70.3
67	75.0	59.0	88.4
52	34.1	24.9	37.3

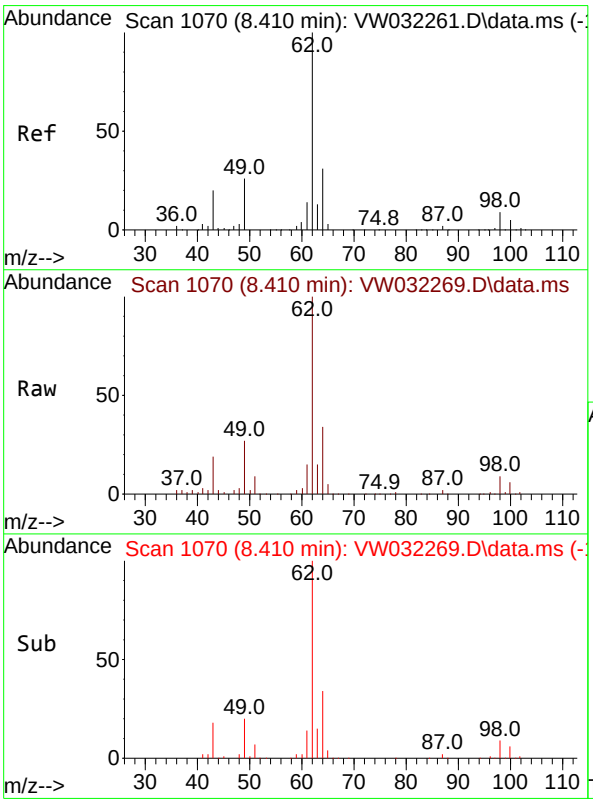


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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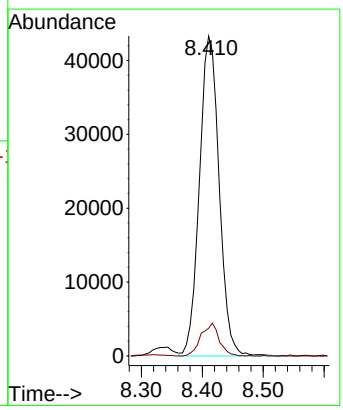
Supervised By :Semsettin Yesilyurt
09/29/2025

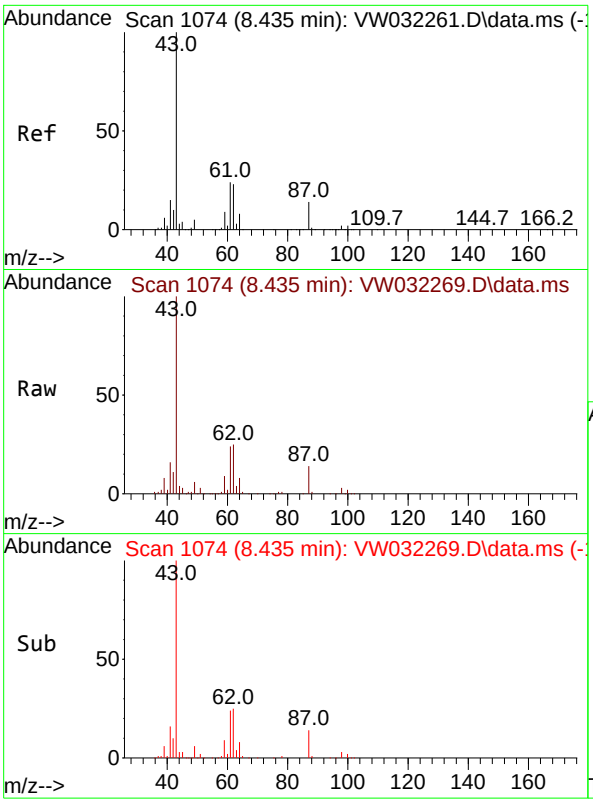


#42
1,2-Dichloroethane
Concen: 20.142 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 62 Resp: 97519

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4

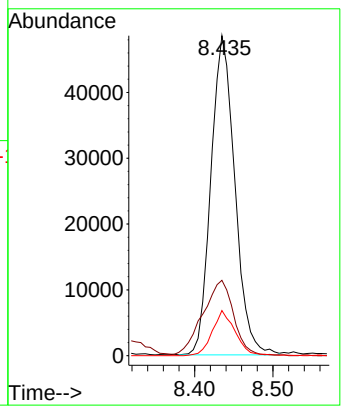




#43
Isopropyl Acetate
Concen: 18.768 ug/l
RT: 8.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 10310

Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.2	36.2
87	13.6	10.6	16.0

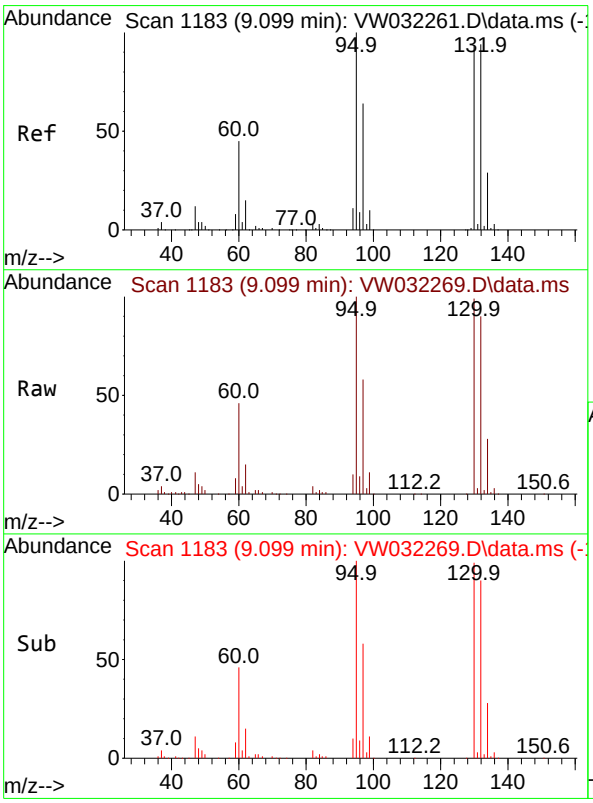


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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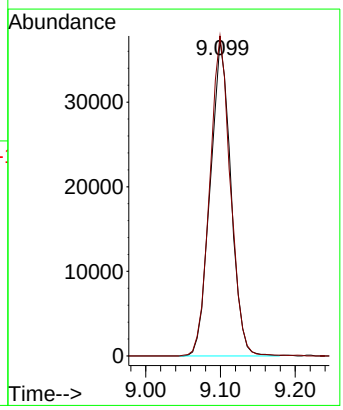
Supervised By :Semsettin Yesilyurt
09/29/2025

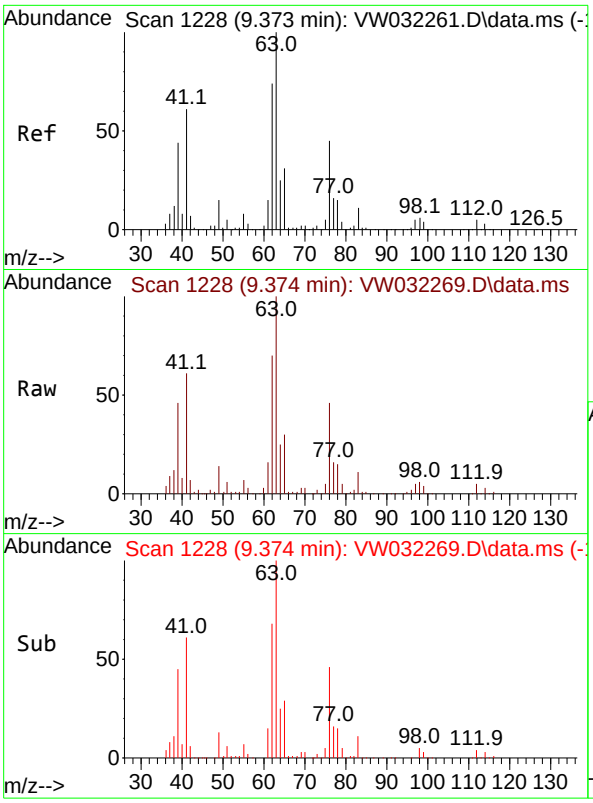


#44
Trichloroethene
Concen: 20.915 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:130 Resp: 71206

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	215.2

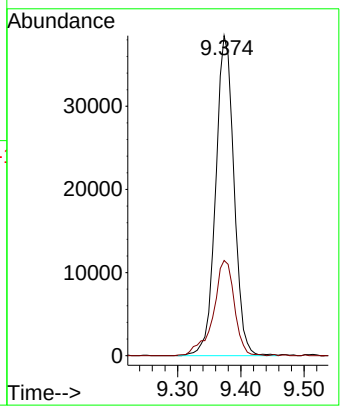




#45
1,2-Dichloropropane
Concen: 20.449 ug/l
RT: 9.374 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 63 Resp: 7714

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.9	37.3

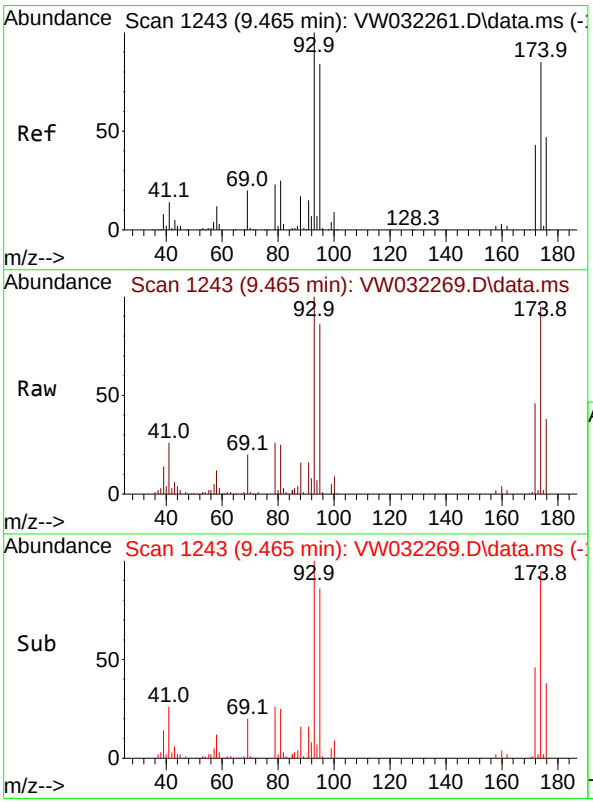


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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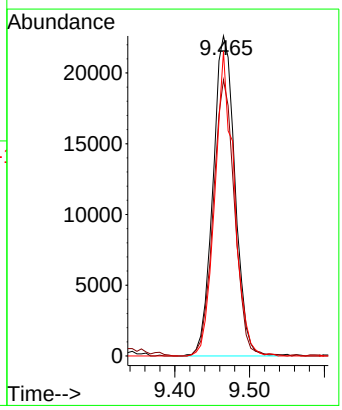
Supervised By :Semsettin Yesilyurt
09/29/2025

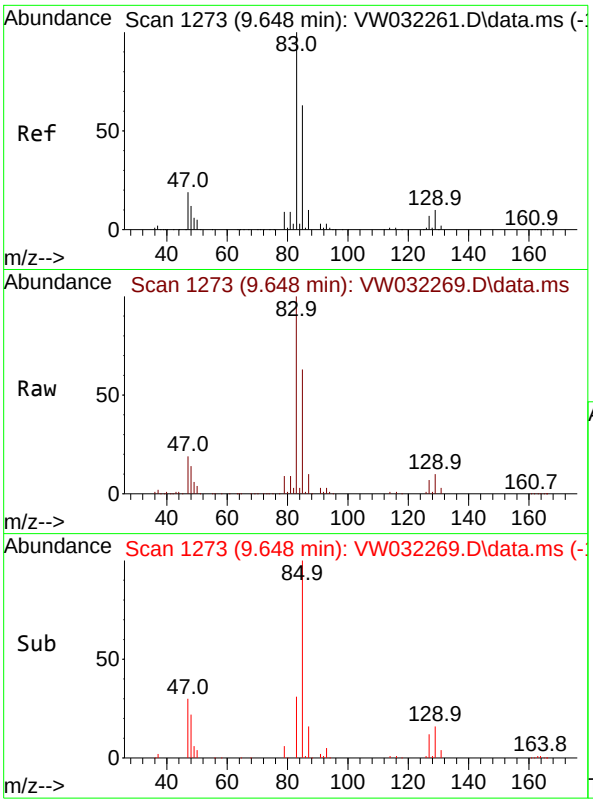


#46
Dibromomethane
Concen: 19.993 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 93 Resp: 46372

Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.6	99.8
174	83.5	69.0	103.6

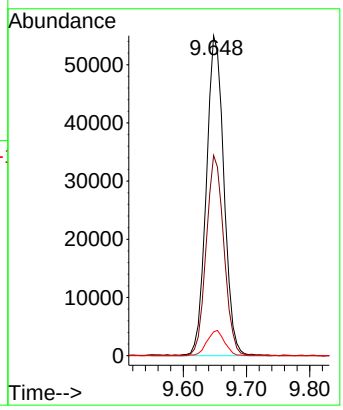




#47
Bromodichloromethane
Concen: 20.093 ug/l
RT: 9.648 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 83 Resp: 10629

Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.3	75.5
127	7.5	5.6	8.4

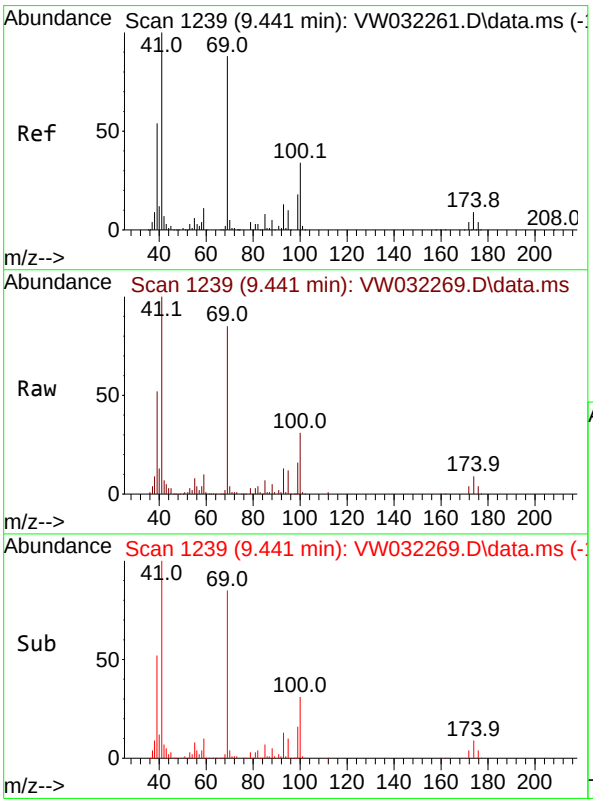


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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09/29/2025

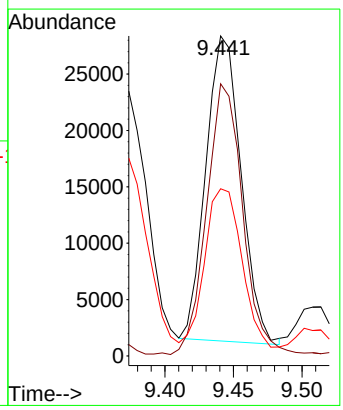
Supervised By :Semsettin Yesilyurt
09/29/2025

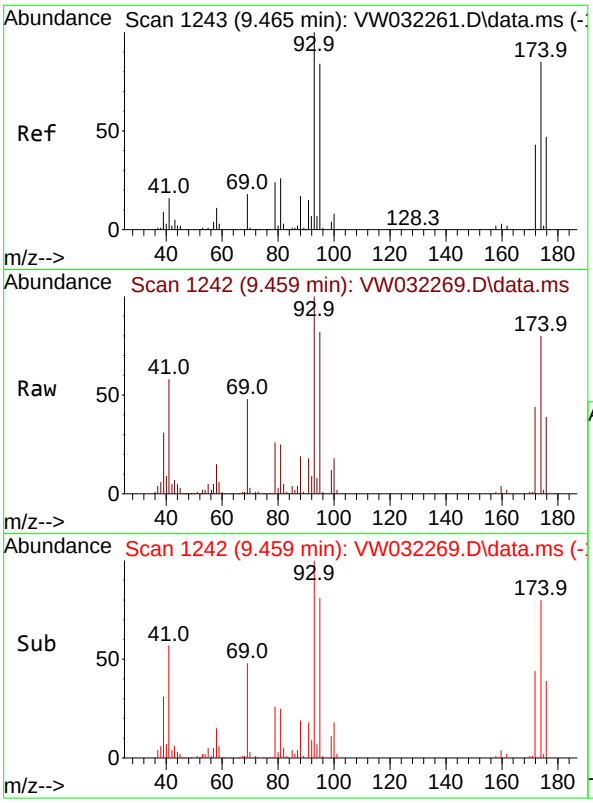


#48
Methyl methacrylate
Concen: 18.692 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 41 Resp: 48310

Ion	Ratio	Lower	Upper
41	100		
69	91.1	71.4	107.0
39	59.8	46.9	70.3

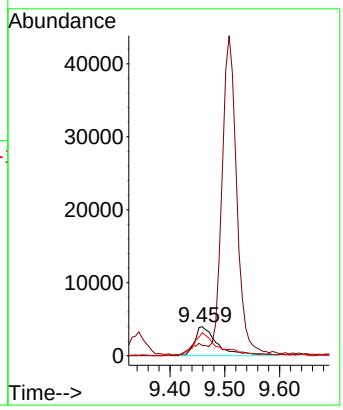




#49
1,4-Dioxane
Concen: 372.877 ug/l
RT: 9.459 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 88 Resp: 1158

Ion	Ratio	Lower	Upper
88	100		
43	29.6	0.0	0.0
58	84.1	62.9	94.3

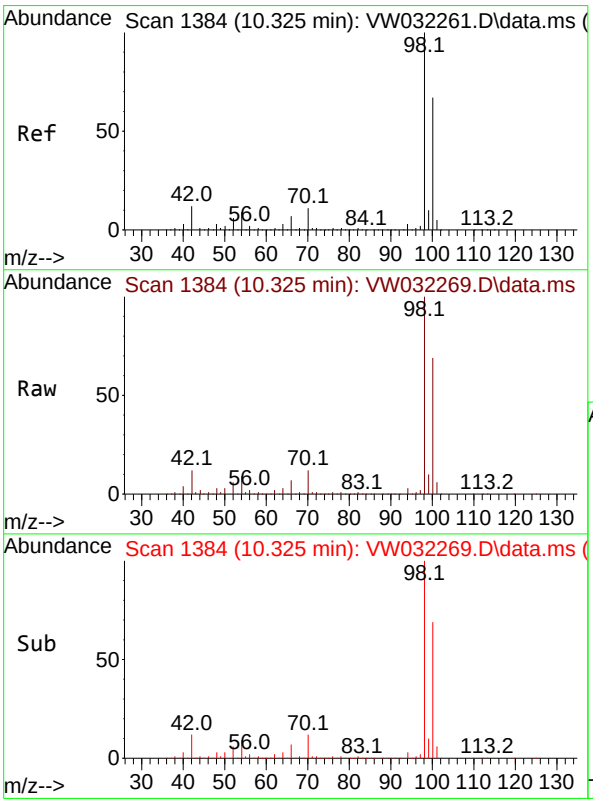


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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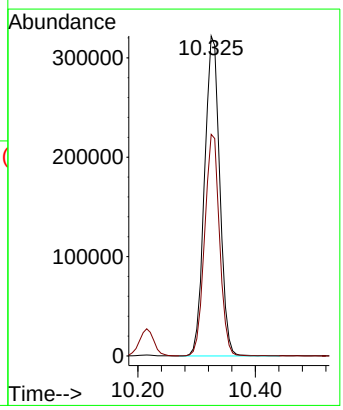
Supervised By :Semsettin Yesilyurt
09/29/2025

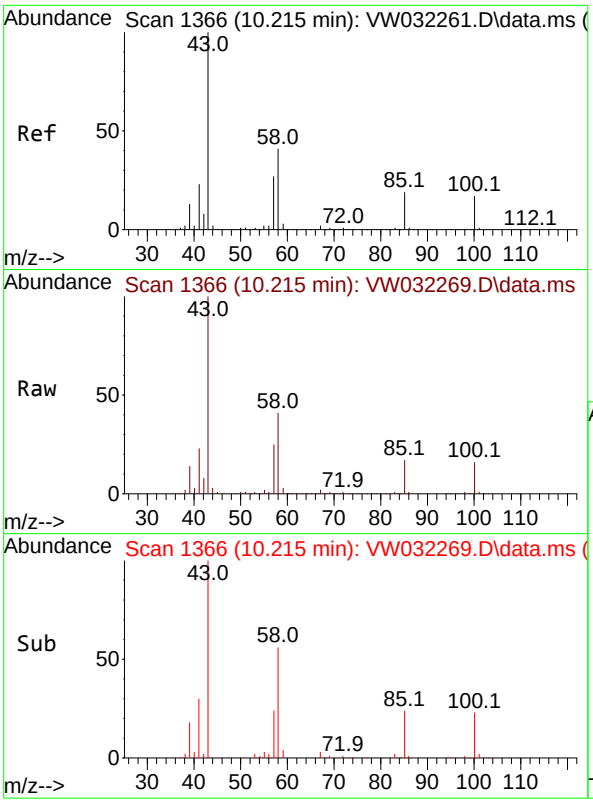


#50
Toluene-d8
Concen: 46.852 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 98 Resp: 579559

Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.0	79.4

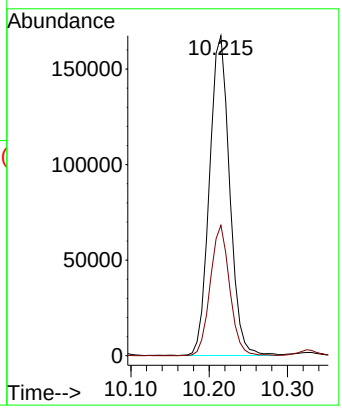




#51
4-Methyl-2-Pentanone
Concen: 91.920 ug/l
RT: 10.215 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 29940

Ion	Ratio	Lower	Upper
43	100		
58	39.3	32.3	48.5

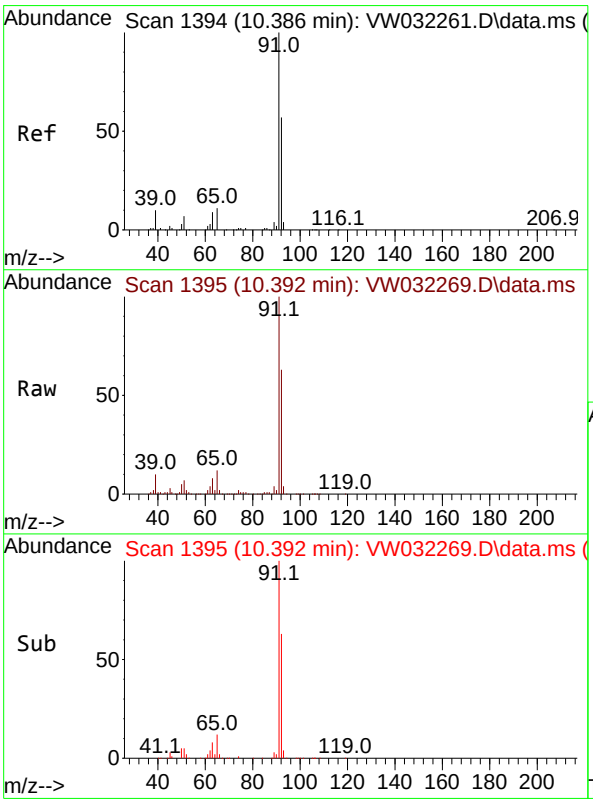


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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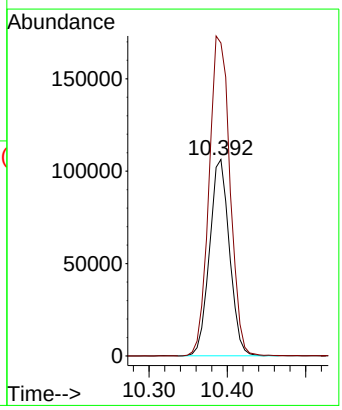
Supervised By :Semsettin Yesilyurt
09/29/2025

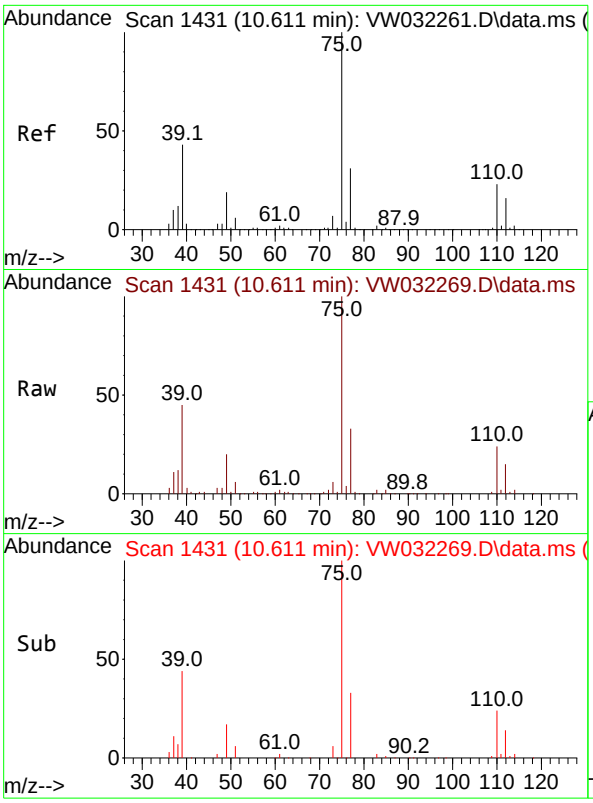


#52
Toluene
Concen: 20.760 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 92 Resp: 187424

Ion	Ratio	Lower	Upper
92	100		
91	172.1	139.2	208.8

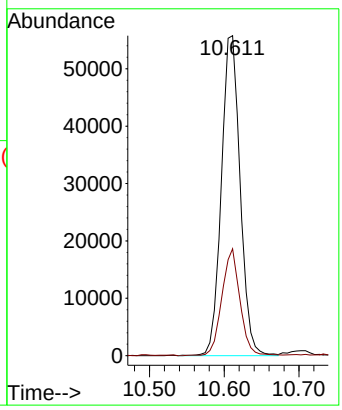




#53
t-1,3-Dichloropropene
Concen: 20.117 ug/l
RT: 10.611 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 9750

Ion	Ratio	Lower	Upper
75	100		
77	33.4	24.6	37.0

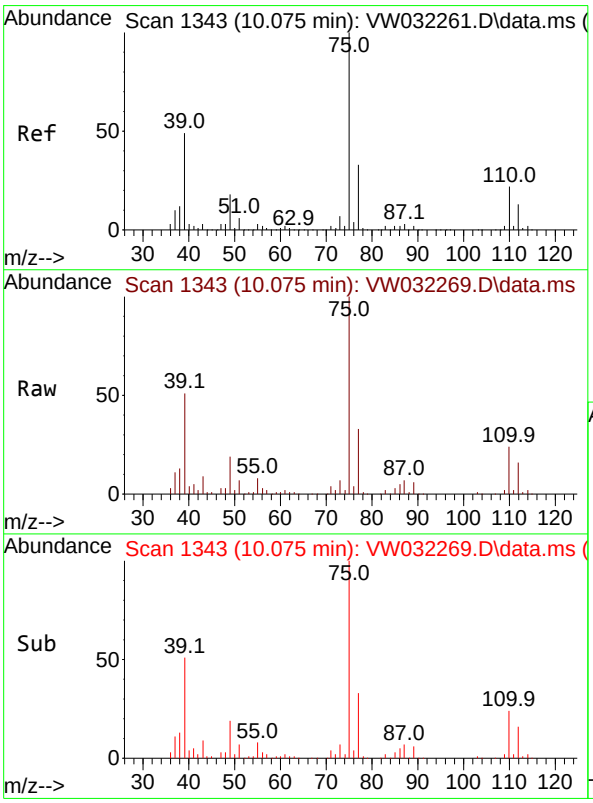


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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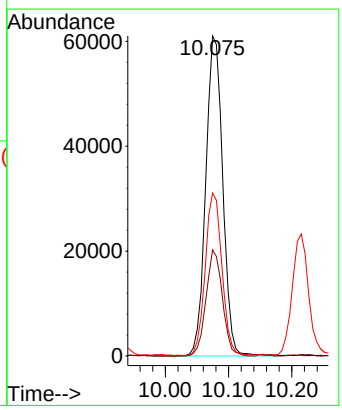
Supervised By :Semsettin Yesilyurt
09/29/2025

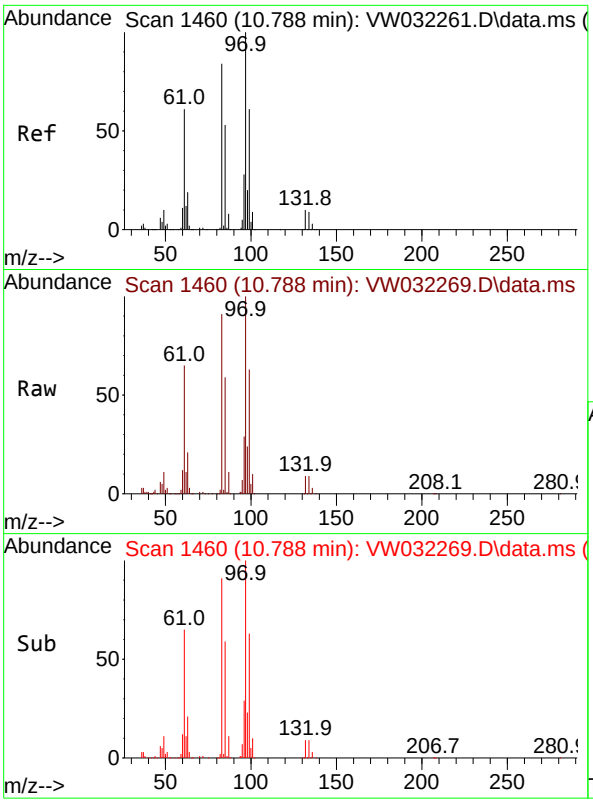


#54
cis-1,3-Dichloropropene
Concen: 20.403 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 114169

Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.2	39.4
39	50.7	39.0	58.6

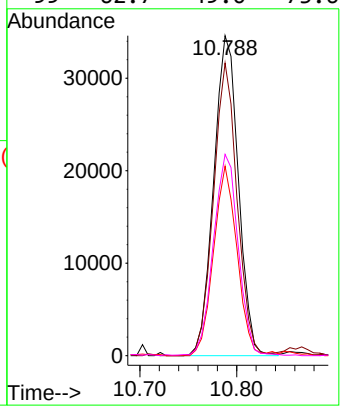




#55
1,1,2-Trichloroethane
Concen: 19.344 ug/l
RT: 10.788 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 97 Resp: 6124

Ion	Ratio	Lower	Upper
97	100		
83	91.5	67.4	101.2
85	59.2	42.0	63.0
99	62.7	49.0	73.6

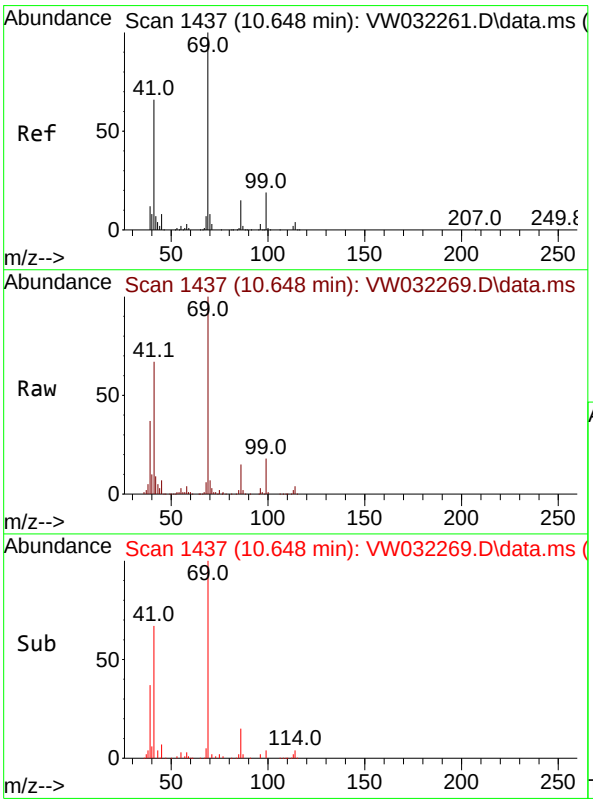


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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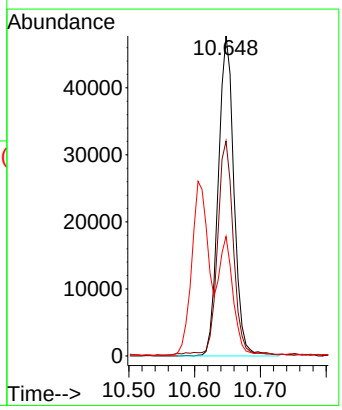
Supervised By :Semsettin Yesilyurt
09/29/2025

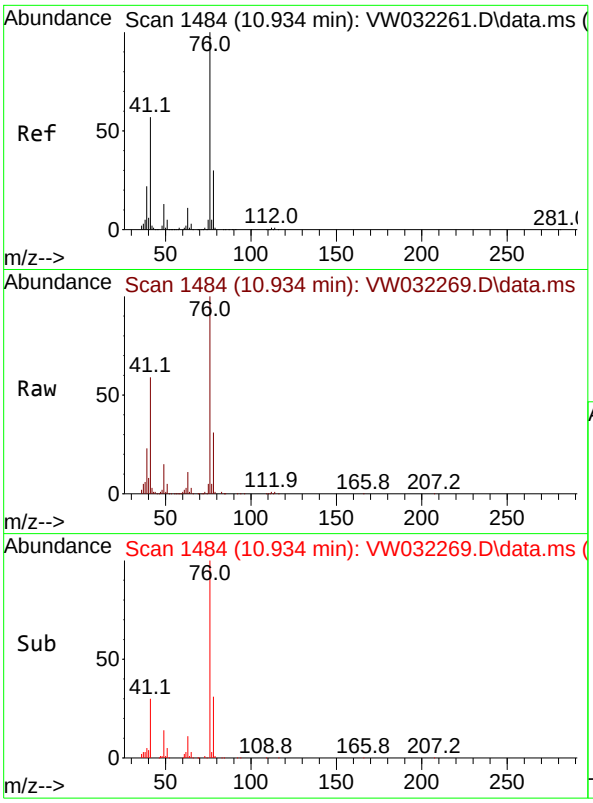


#56
Ethyl methacrylate
Concen: 19.046 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 69 Resp: 79427

Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.7	82.1
39	33.3	26.3	39.5

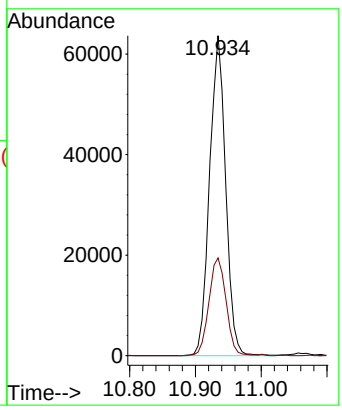




#57
1,3-Dichloropropane
Concen: 19.749 ug/l
RT: 10.934 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 76 Resp: 10801

Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.3	37.9

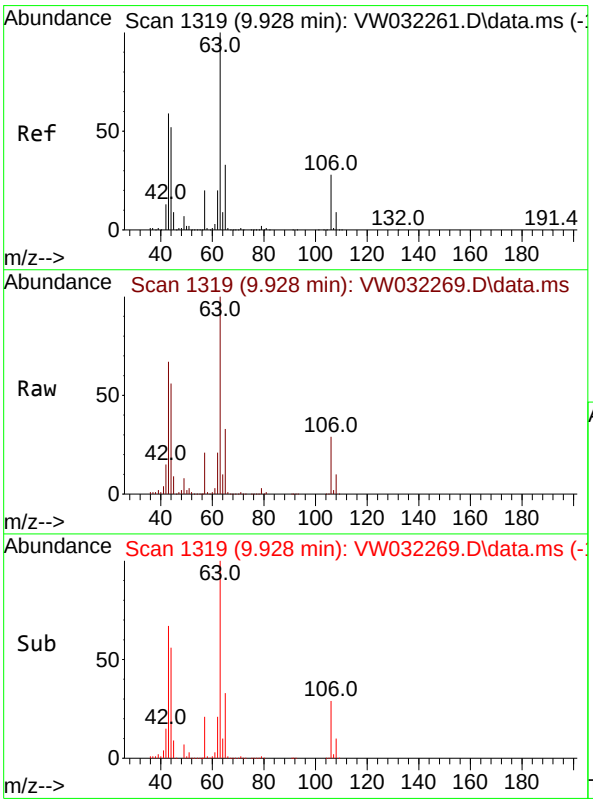


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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09/29/2025

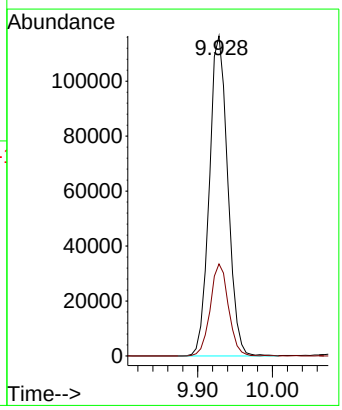
Supervised By :Semsettin Yesilyurt
09/29/2025

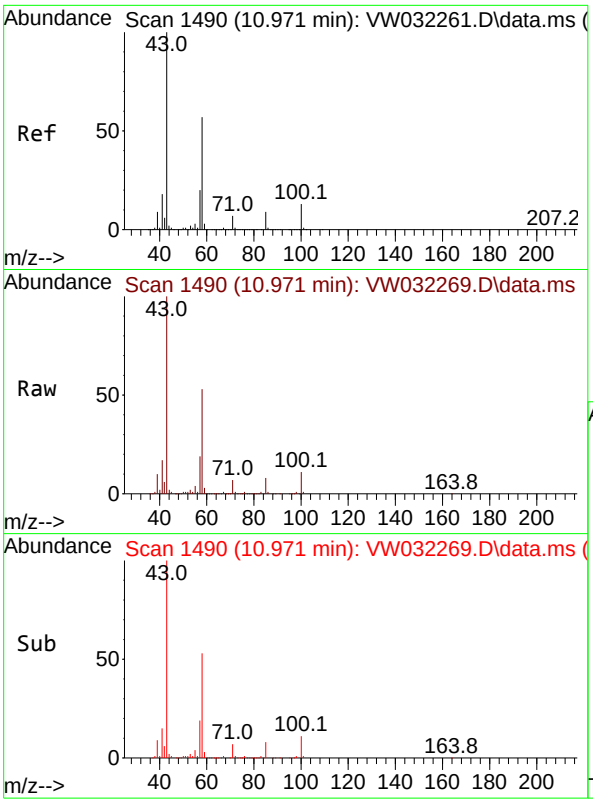


#58
2-Chloroethyl Vinyl ether
Concen: 87.473 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 63 Resp: 200248

Ion	Ratio	Lower	Upper
63	100		
106	28.3	22.5	33.7

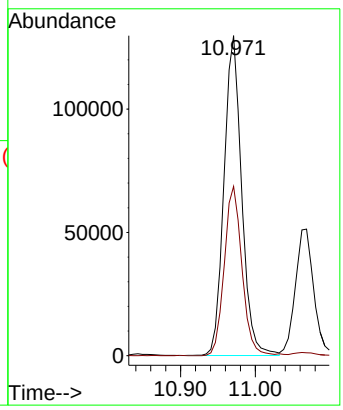




#59
2-Hexanone
Concen: 96.071 ug/l
RT: 10.971 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 21369

Ion	Ratio	Lower	Upper
43	100		
58	53.2	27.9	83.6

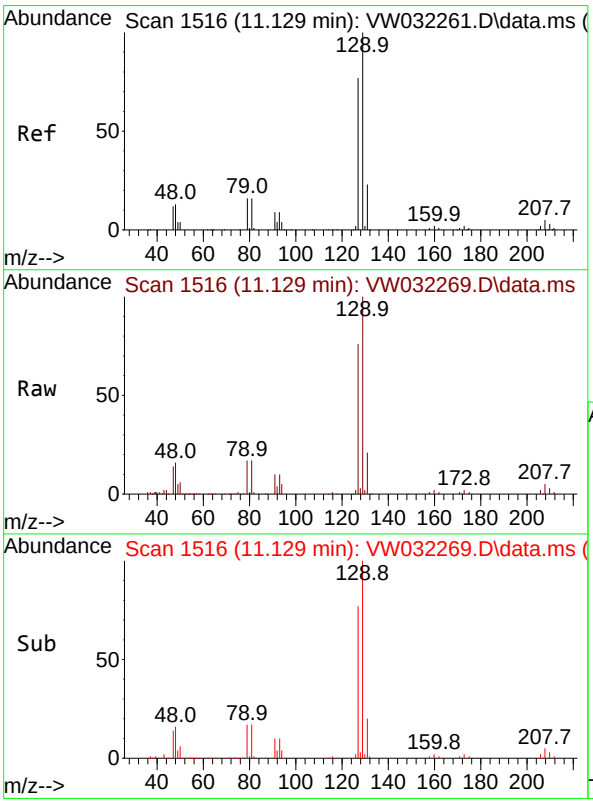


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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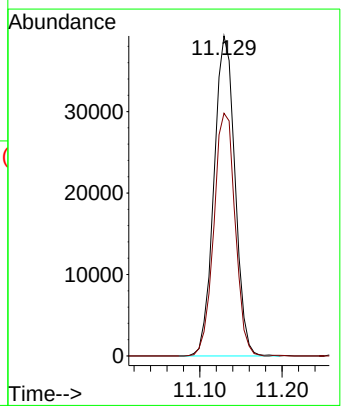
Supervised By :Semsettin Yesilyurt
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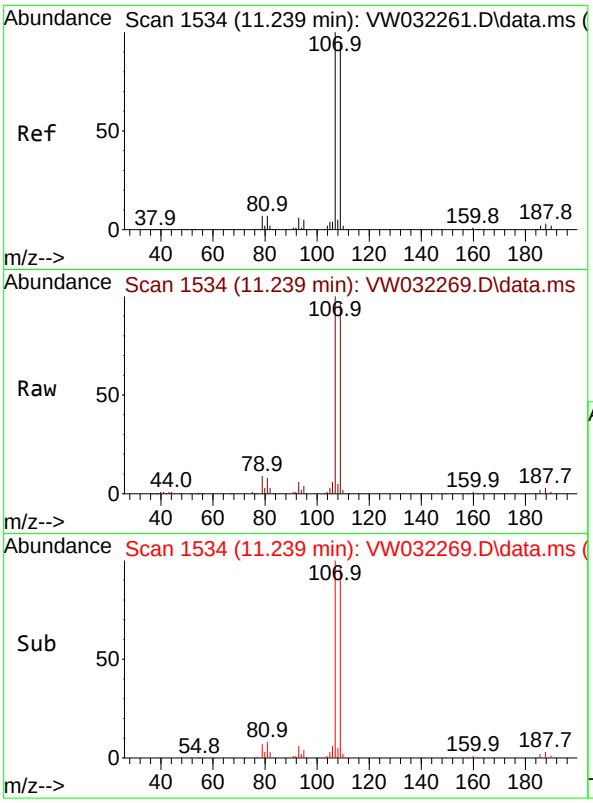


#60
Dibromochloromethane
Concen: 20.044 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:129 Resp: 69693

Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.3	117.8

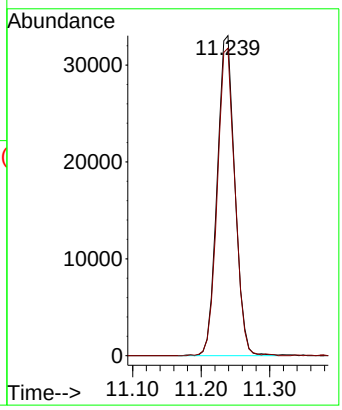




#61
1,2-Dibromoethane
Concen: 19.678 ug/l
RT: 11.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:107 Resp: 5902

Ion	Ratio	Lower	Upper
107	100		
109	95.8	74.1	111.1

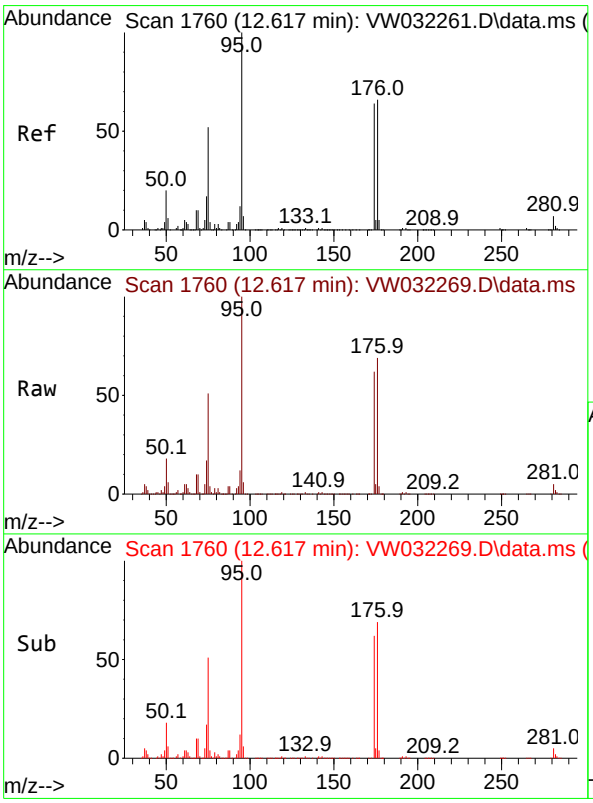


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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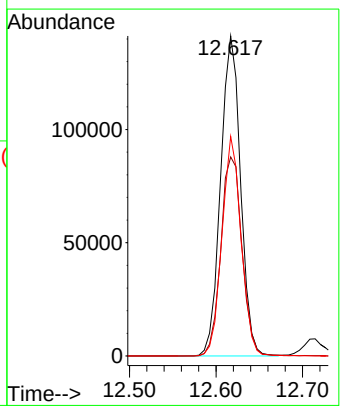
Supervised By :Semsettin Yesilyurt
09/29/2025

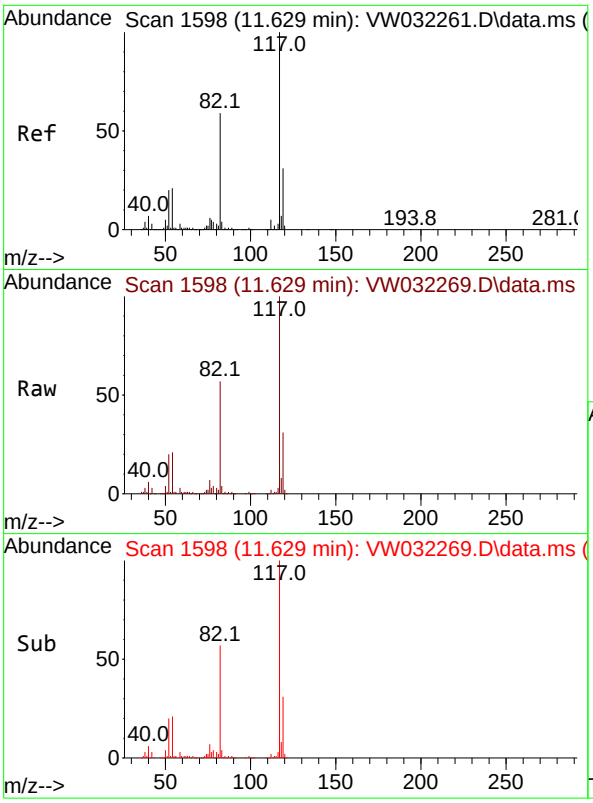


#62
4-Bromofluorobenzene
Concen: 48.349 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 95 Resp: 225595

Ion	Ratio	Lower	Upper
95	100		
174	66.1	0.0	130.6
176	65.9	0.0	127.0

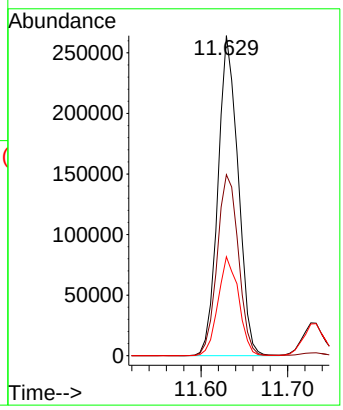




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:117 Resp: 42668

Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.9	70.3
119	30.9	24.9	37.3

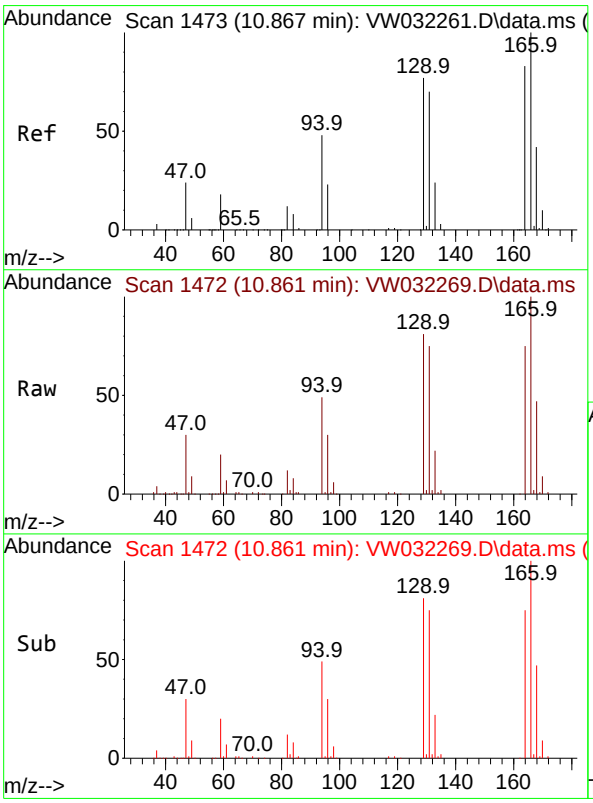


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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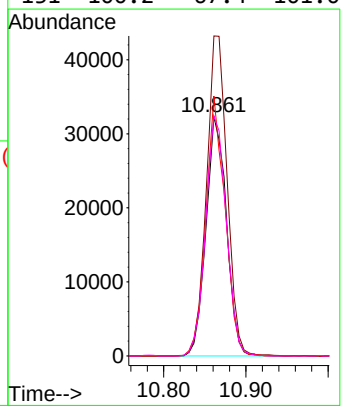
Supervised By :Semsettin Yesilyurt
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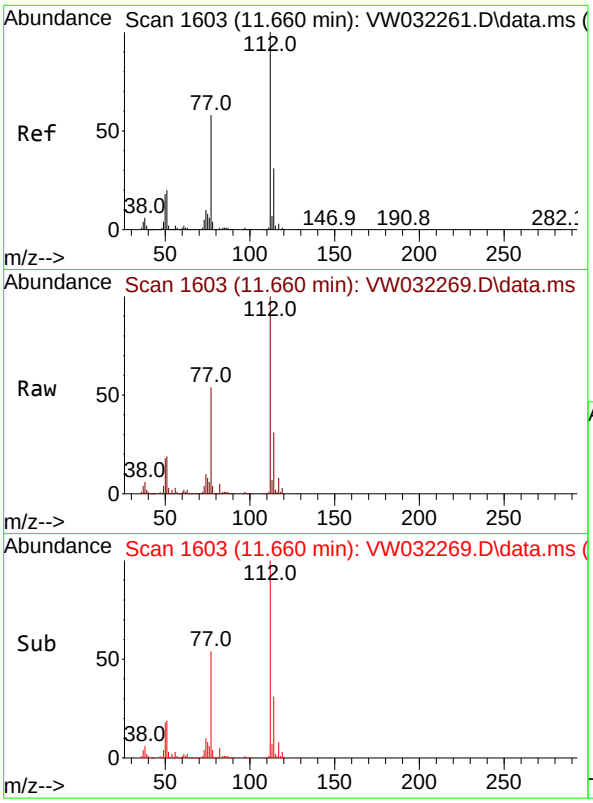


#64
Tetrachloroethene
Concen: 21.429 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:164 Resp: 55720

Ion	Ratio	Lower	Upper
164	100		
166	133.6	96.9	145.3
129	108.6	75.0	112.4
131	100.2	67.4	101.0

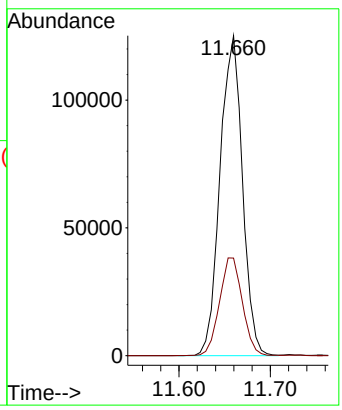




#65
Chlorobenzene
Concen: 21.706 ug/l
RT: 11.660 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:112 Resp: 21333

Ion	Ratio	Lower	Upper
112	100		
114	30.5	24.8	37.2

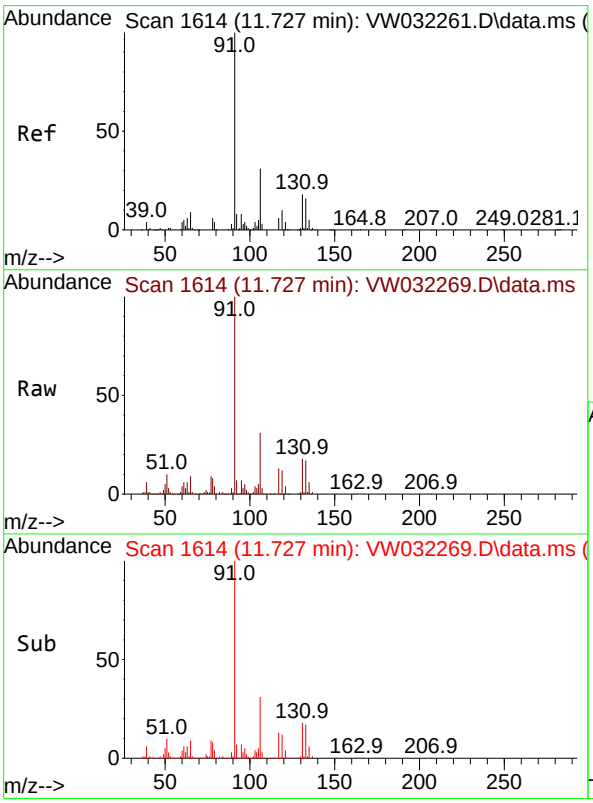


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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09/29/2025

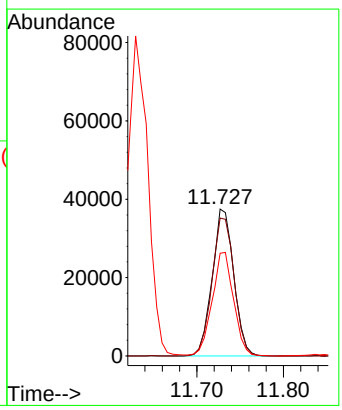
Supervised By :Semsettin Yesilyurt
09/29/2025

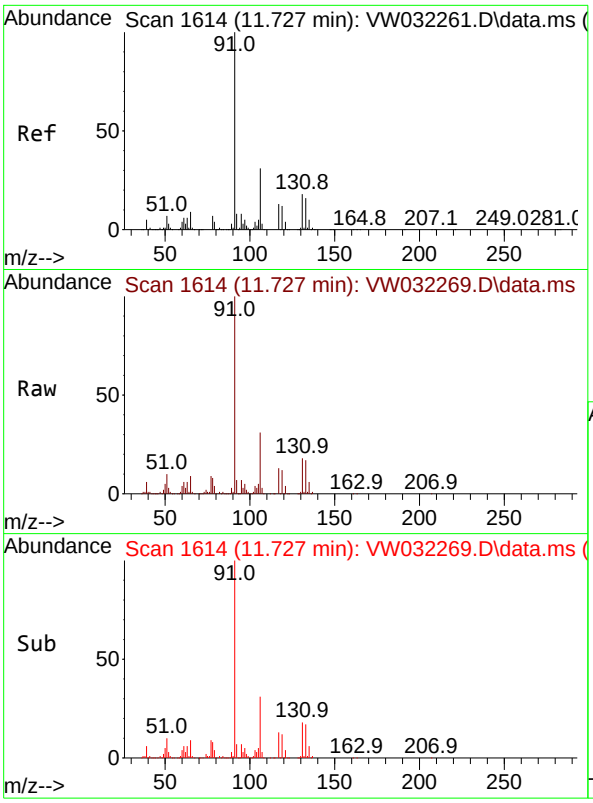


#66
1,1,1,2-Tetrachloroethane
Concen: 20.847 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:131 Resp: 64799

Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.1	141.3
119	70.2	33.9	101.7

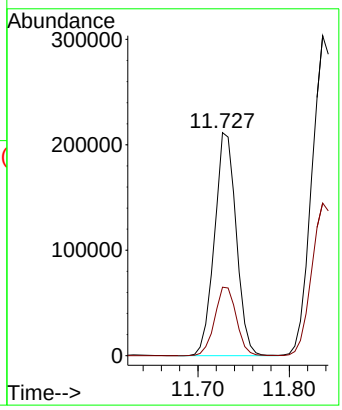




#67
Ethyl Benzene
Concen: 21.742 ug/l
RT: 11.727 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 91 Resp: 34976

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.7	37.1

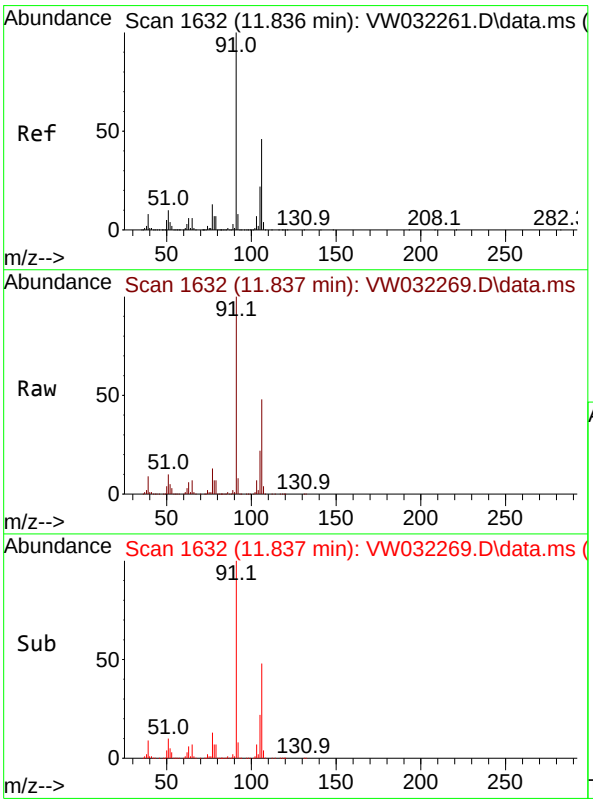


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

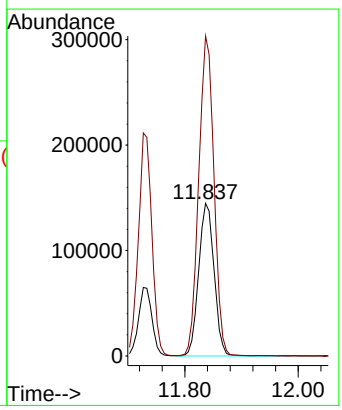
Supervised By :Semsettin Yesilyurt
09/29/2025

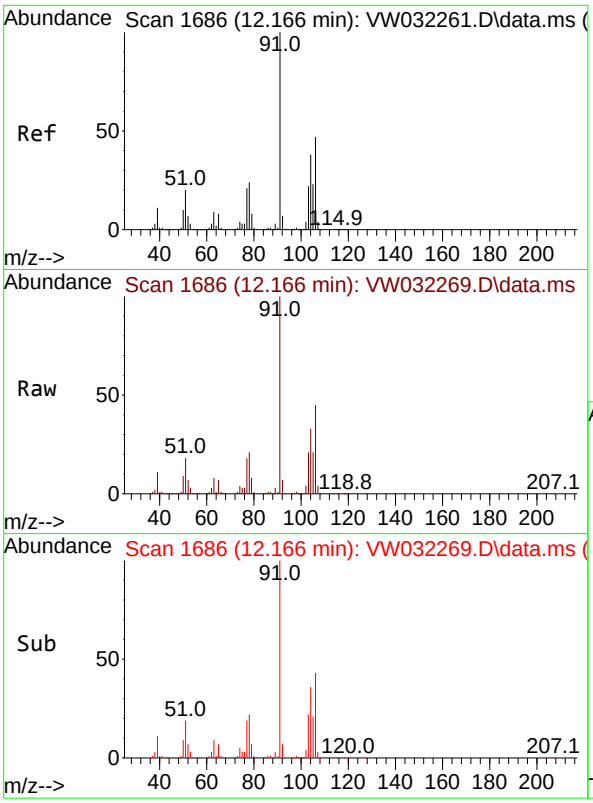


#68
m/p-Xylenes
Concen: 44.189 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:106 Resp: 272503

Ion	Ratio	Lower	Upper
106	100		
91	207.0	169.0	253.4

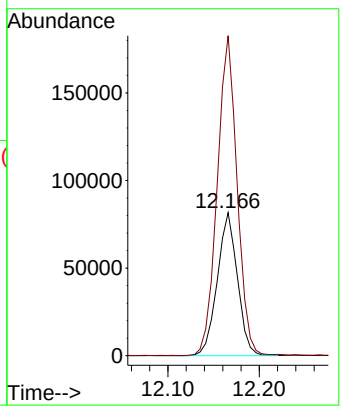




#69
o-Xylene
Concen: 21.555 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:106 Resp: 12492

Ion	Ratio	Lower	Upper
106	100		
91	221.5	107.8	323.6

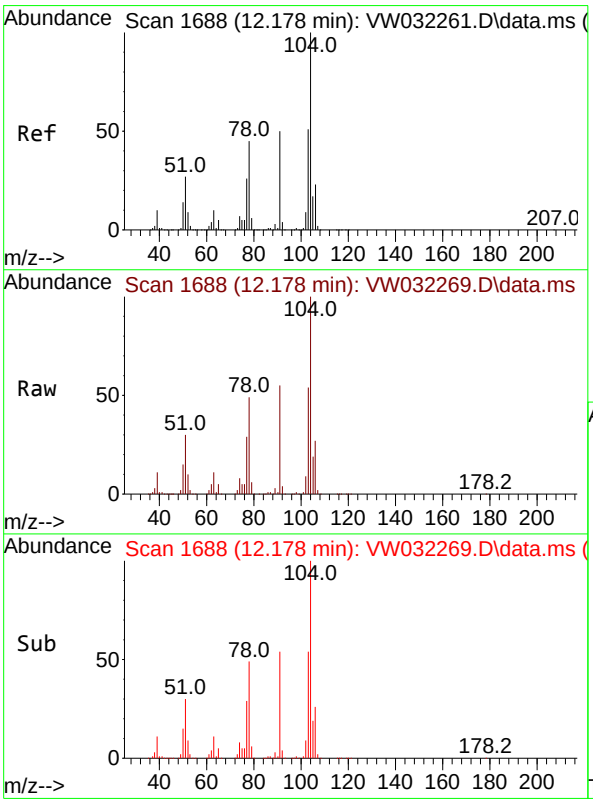


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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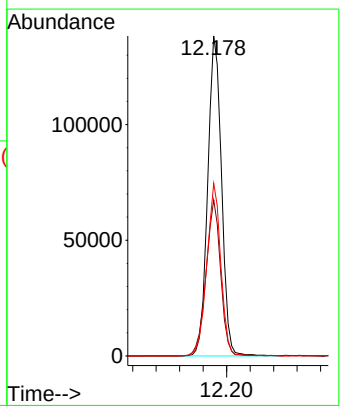
Supervised By :Semsettin Yesilyurt
09/29/2025

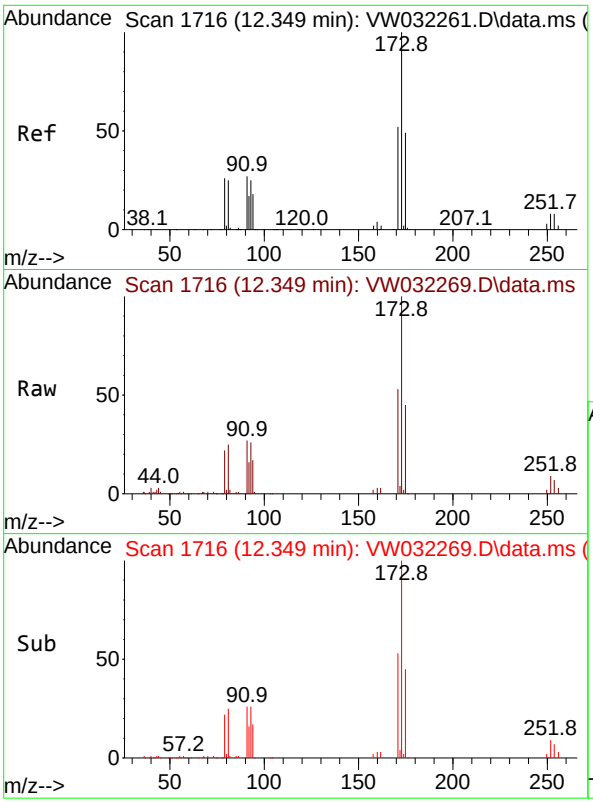


#70
Styrene
Concen: 22.230 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:104 Resp: 225931

Ion	Ratio	Lower	Upper
104	100		
78	51.3	40.8	61.2
103	54.6	43.4	65.2

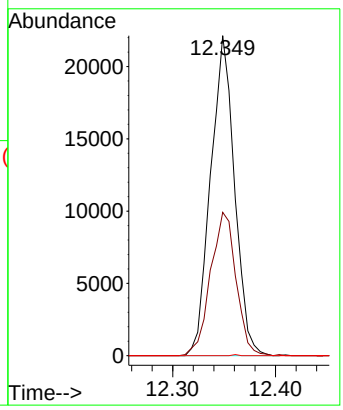




#71
Bromoform
Concen: 19.735 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:173 Resp: 3574

Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.1	69.2
254	0.1	0.1	0.1

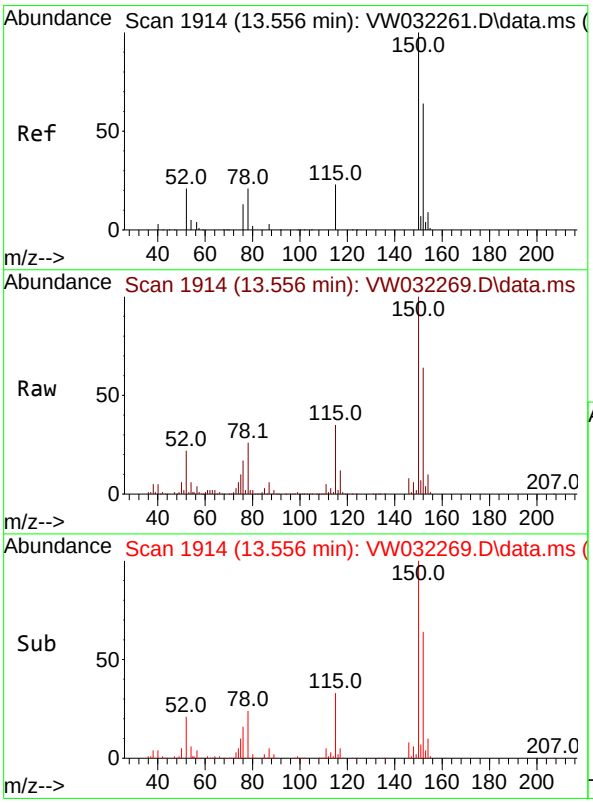


Instrument :
MSVOA_W
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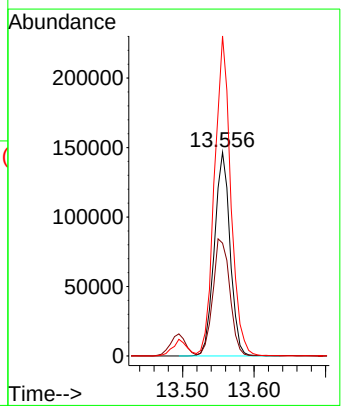
Supervised By :Semsettin Yesilyurt
09/29/2025

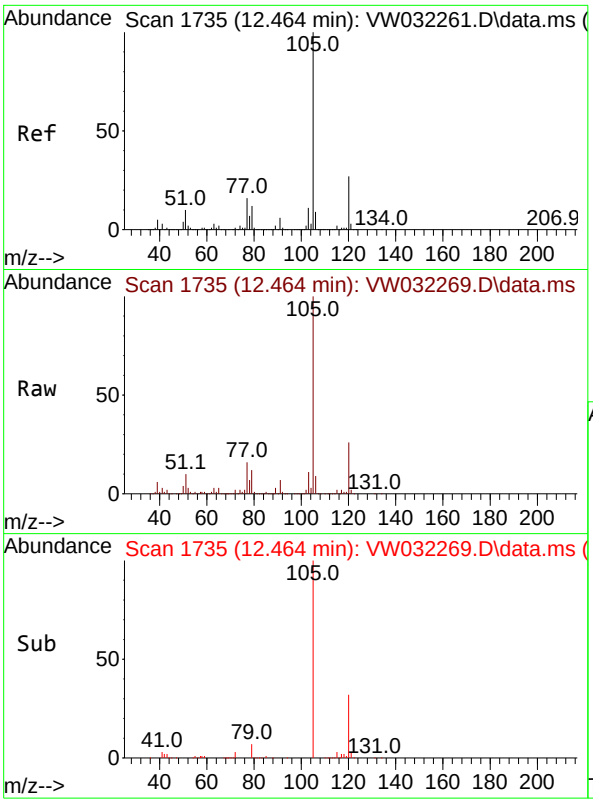


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:152 Resp: 223480

Ion	Ratio	Lower	Upper
152	100		
115	61.6	32.5	97.5
150	162.3	0.0	370.2

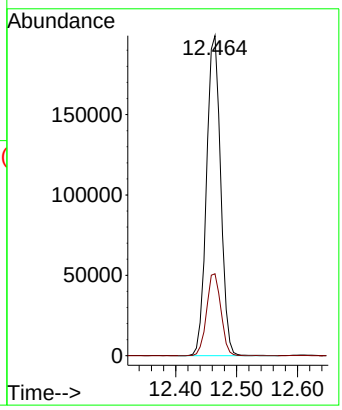




#73
Isopropylbenzene
Concen: 20.627 ug/l
RT: 12.464 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:105 Resp: 32084

Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.1	39.3

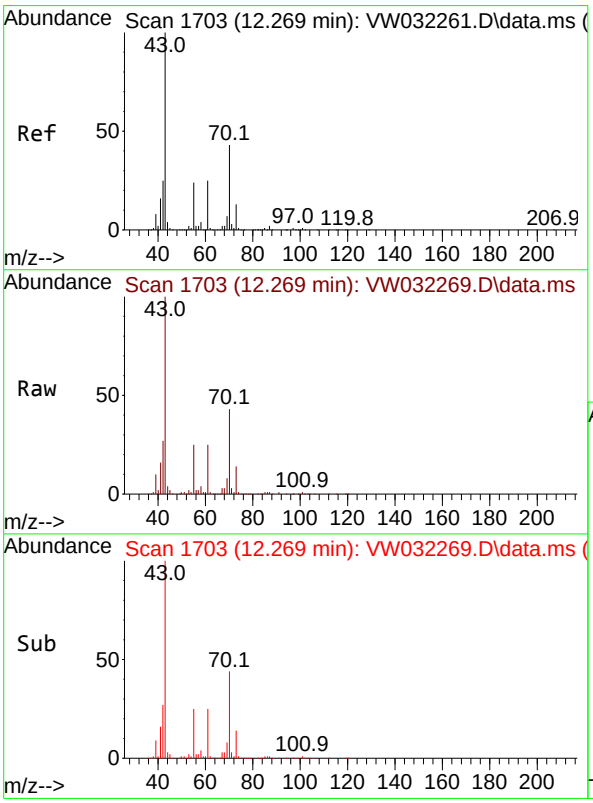


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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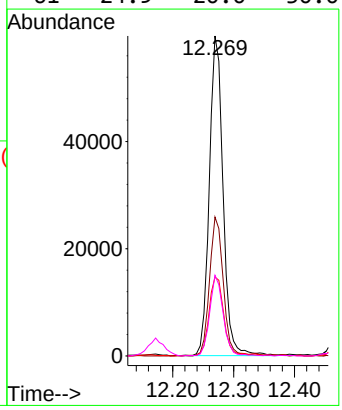
Supervised By :Semsettin Yesilyurt
09/29/2025

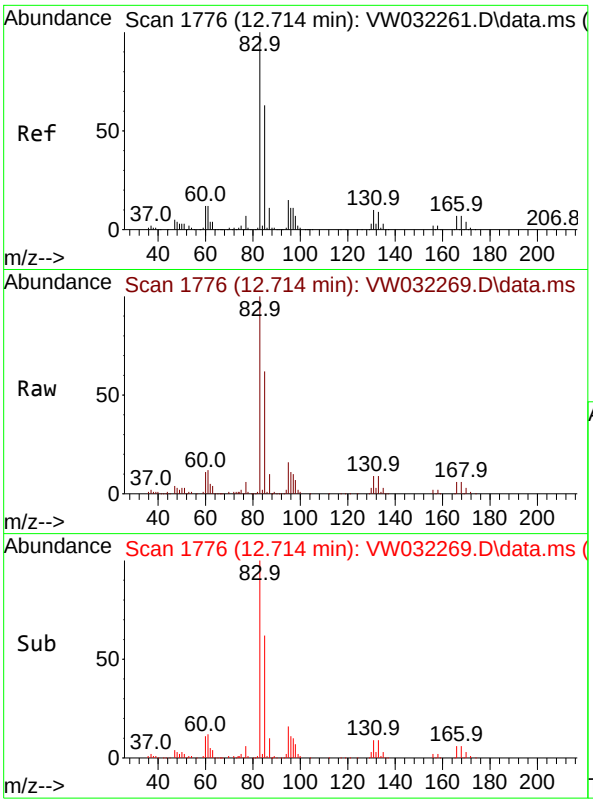


#74
N-amyl acetate
Concen: 19.100 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 43 Resp: 93561

Ion	Ratio	Lower	Upper
43	100		
70	43.3	35.0	52.4
55	27.2	20.6	31.0
61	24.9	20.0	30.0

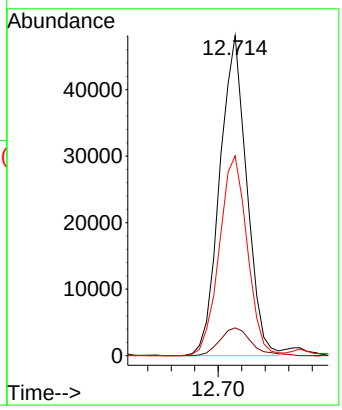




#75
1,1,2,2-Tetrachloroethane
Concen: 18.837 ug/l
RT: 12.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 83 Resp: 7682

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.7	31.9	95.7

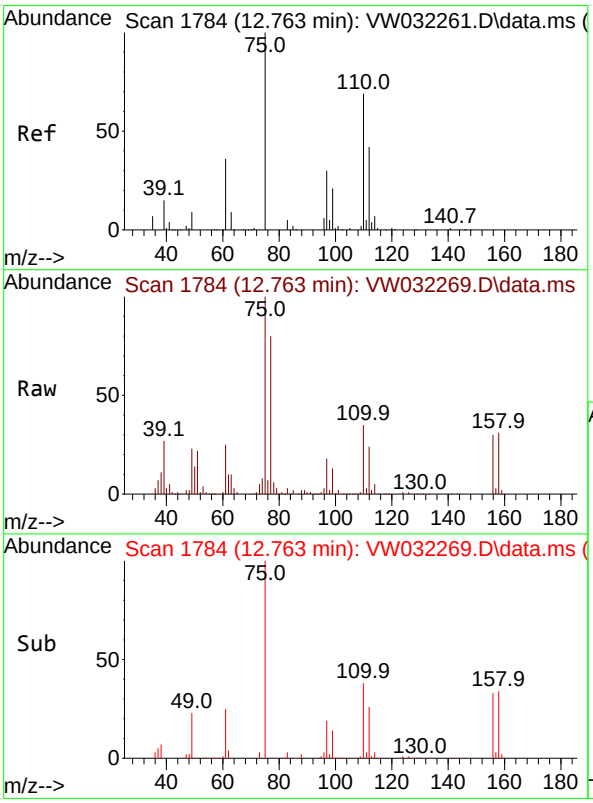


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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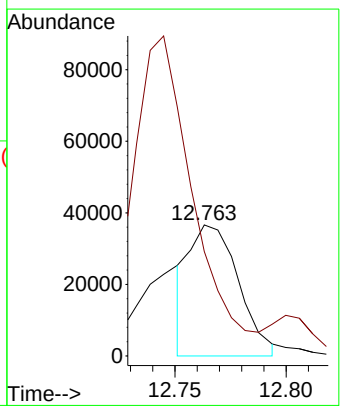
Supervised By :Semsettin Yesilyurt
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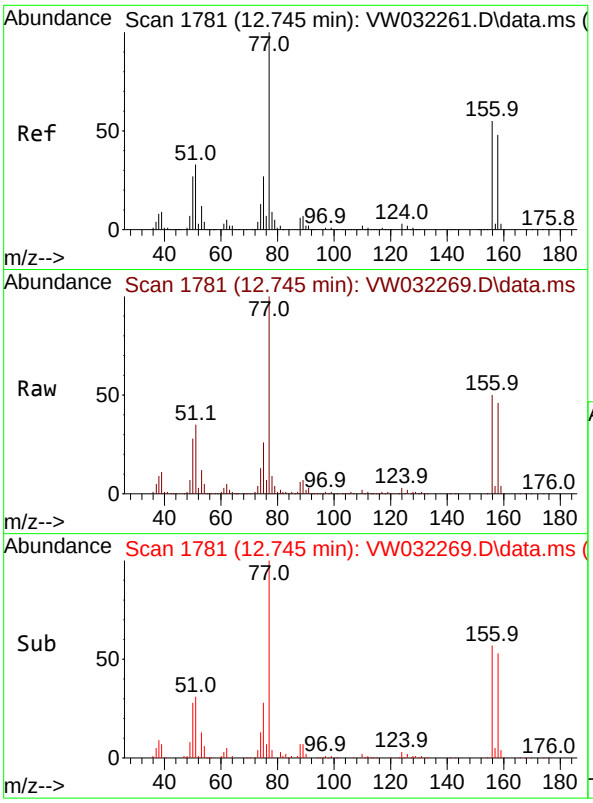


#76
1,2,3-Trichloropropane
Concen: 18.325 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 56341

Ion	Ratio	Lower	Upper
75	100		
77	301.6	140.9	422.7

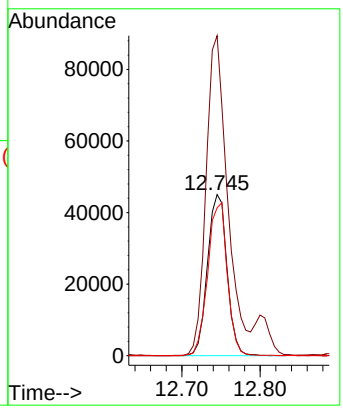




#77
Bromobenzene
Concen: 20.312 ug/l
RT: 12.745 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:156 Resp: 7771

Ion	Ratio	Lower	Upper
156	100		
77	218.6	103.3	309.8
158	95.1	45.4	136.2

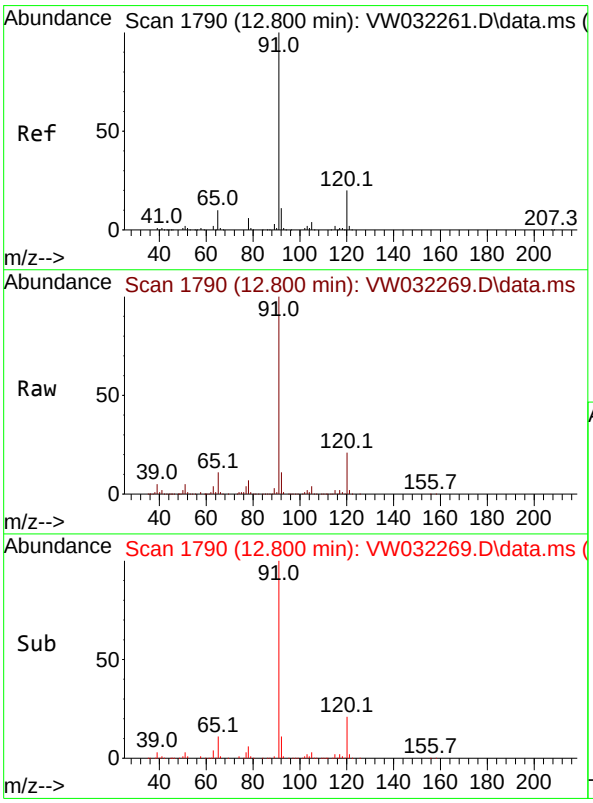


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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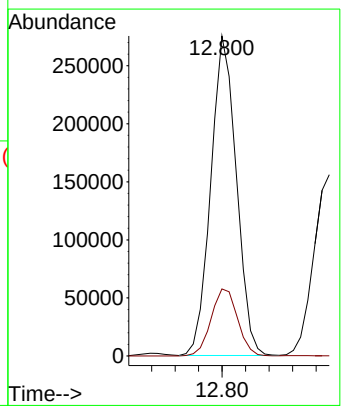
Supervised By :Semsettin Yesilyurt
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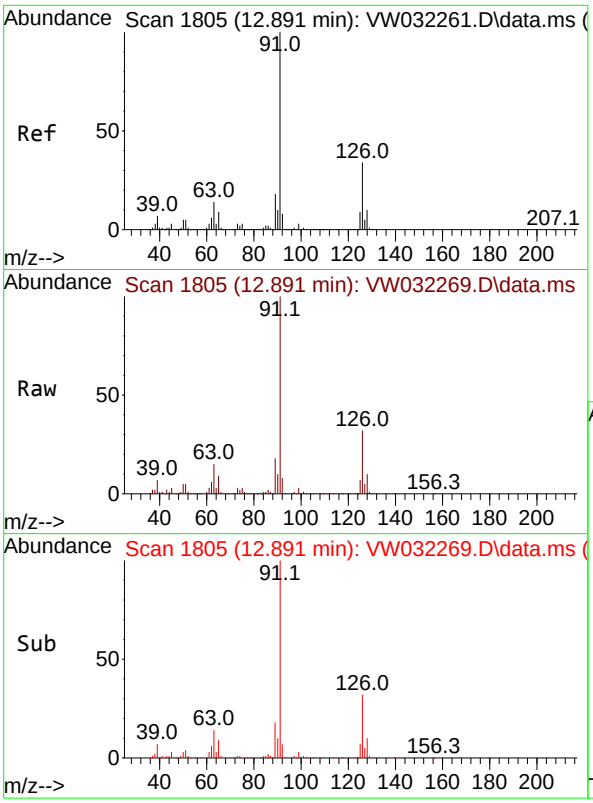


#78
n-propylbenzene
Concen: 21.290 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 91 Resp: 415955

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.9	32.9

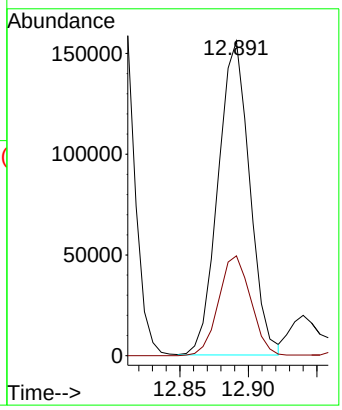




#79
2-Chlorotoluene
Concen: 21.147 ug/l
RT: 12.891 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 91 Resp: 25028

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.8

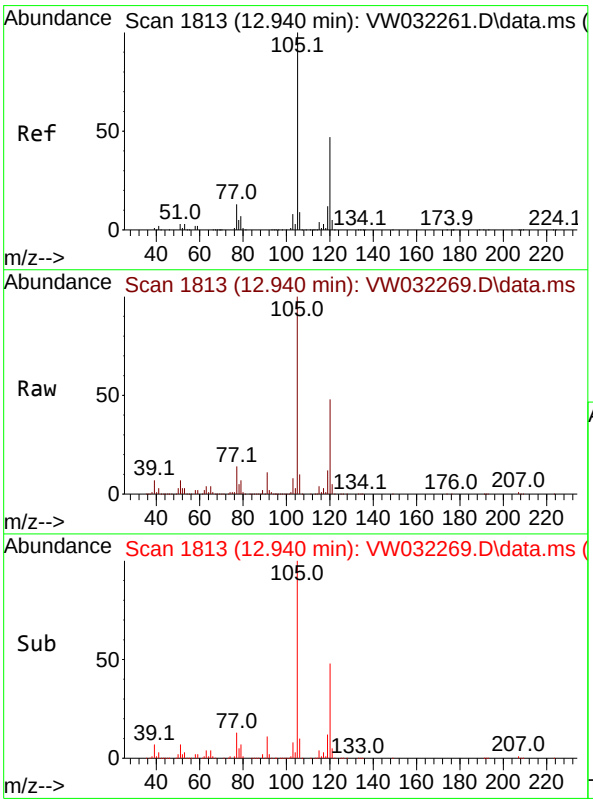


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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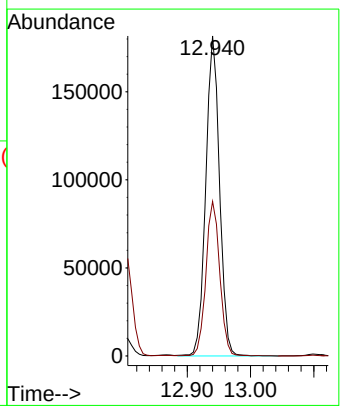
Supervised By :Semsettin Yesilyurt
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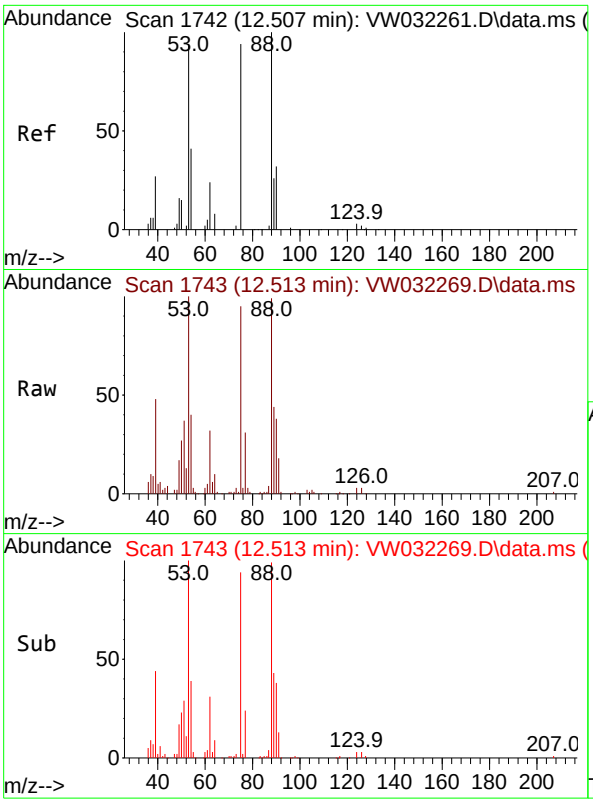


#80
1,3,5-Trimethylbenzene
Concen: 20.687 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:105 Resp: 275113

Ion	Ratio	Lower	Upper
105	100		
120	48.3	24.1	72.2

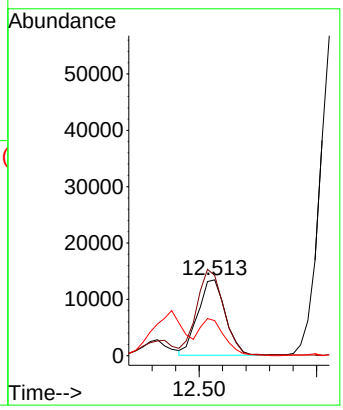




#81
trans-1,4-Dichloro-2-butene
Concen: 18.378 ug/l
RT: 12.513 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 2175

Ion	Ratio	Lower	Upper
75	100		
53	112.1	81.4	122.2
89	43.9	35.4	53.2

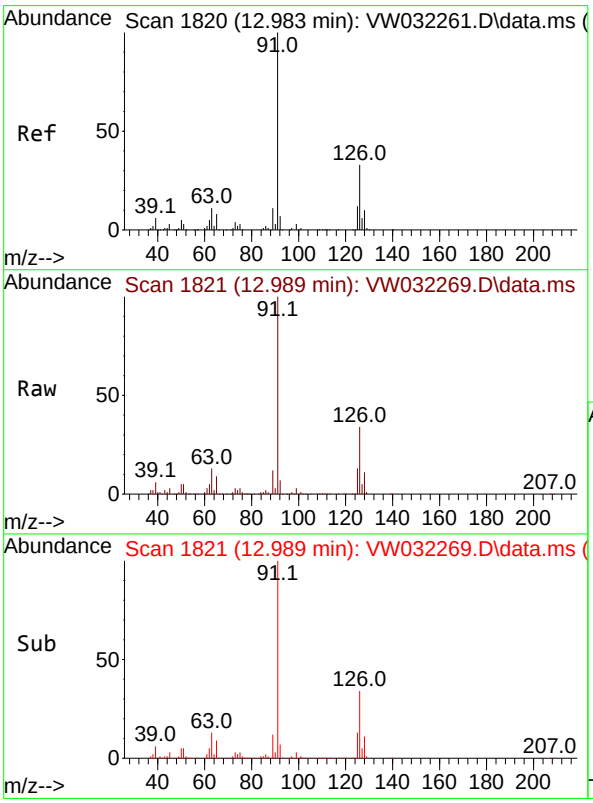


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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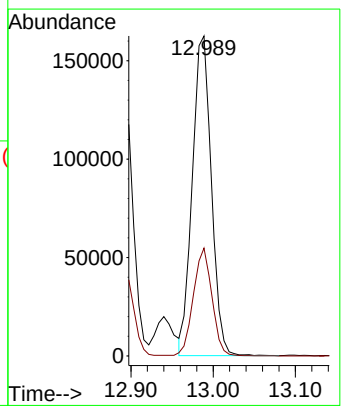
Supervised By :Semsettin Yesilyurt
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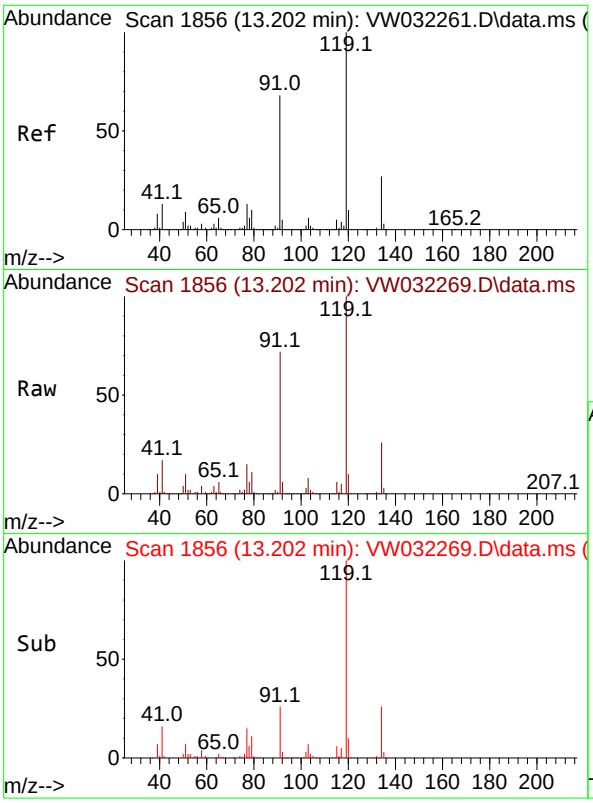


#82
4-Chlorotoluene
Concen: 20.849 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 91 Resp: 260792

Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5

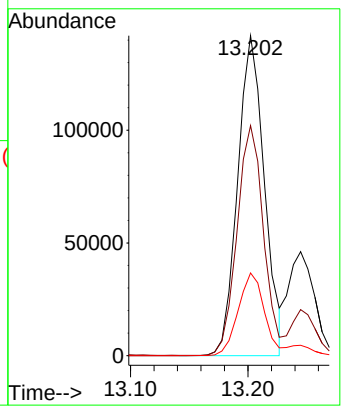




#83
tert-Butylbenzene
Concen: 20.159 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:119 Resp: 22420

Ion	Ratio	Lower	Upper
119	100		
91	72.1	35.5	106.5
134	25.7	13.5	40.4

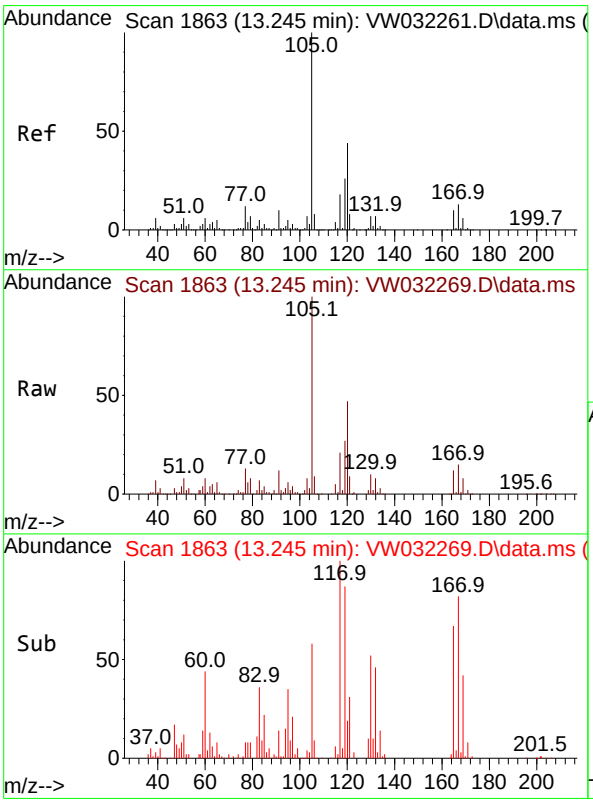


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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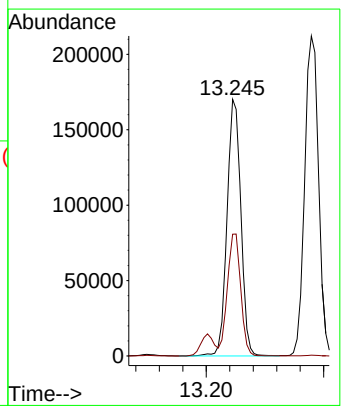
Supervised By :Semsettin Yesilyurt
09/29/2025

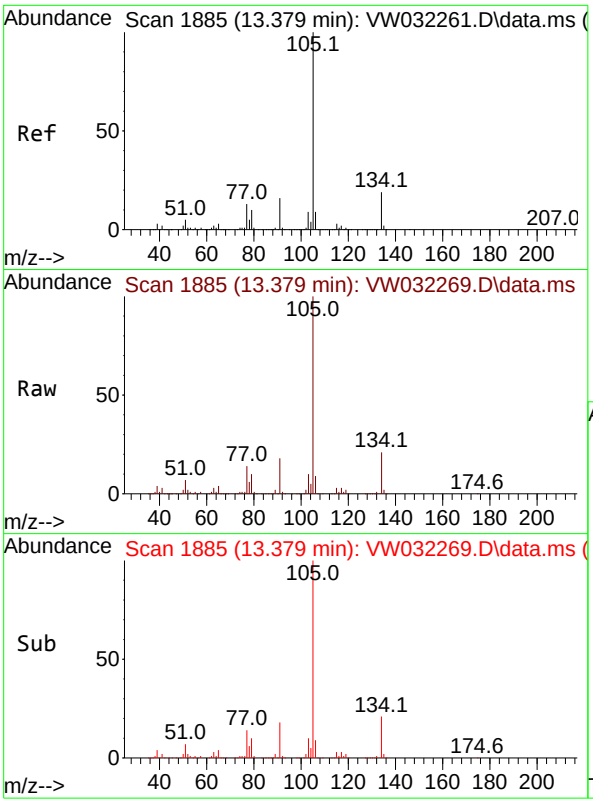


#84
1,2,4-Trimethylbenzene
Concen: 20.618 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:105 Resp: 278390

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.3

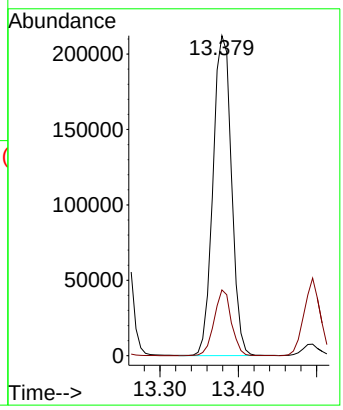




#85
sec-Butylbenzene
Concen: 20.833 ug/l
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:105 Resp: 34793

Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.5

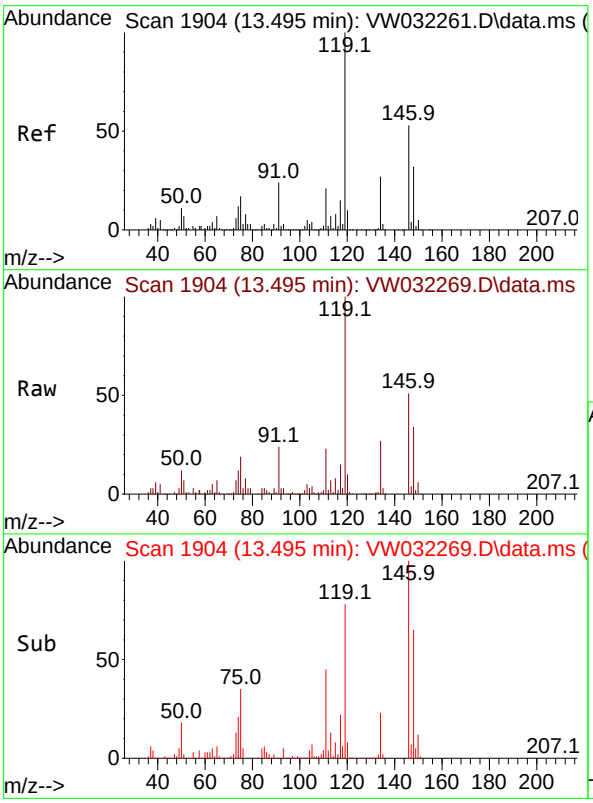


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

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Reviewed By :Mahesh Dadoda
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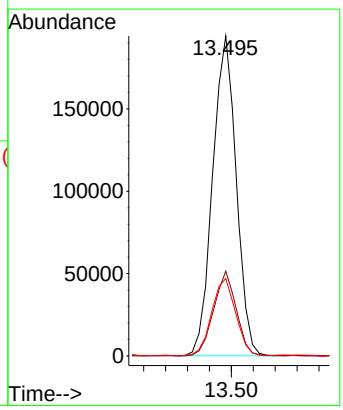
Supervised By :Semsettin Yesilyurt
09/29/2025

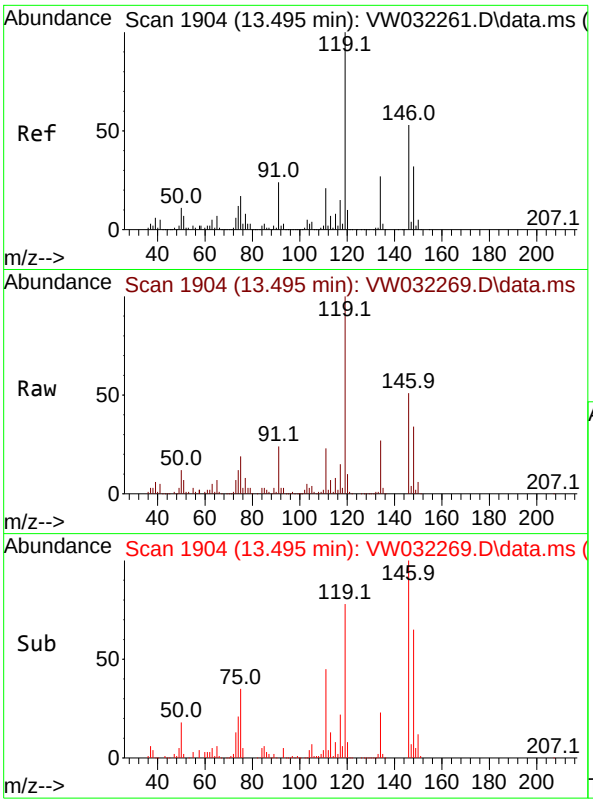


#86
p-Isopropyltoluene
Concen: 20.974 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:119 Resp: 290111

Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.5	37.5
91	24.4	12.1	36.3

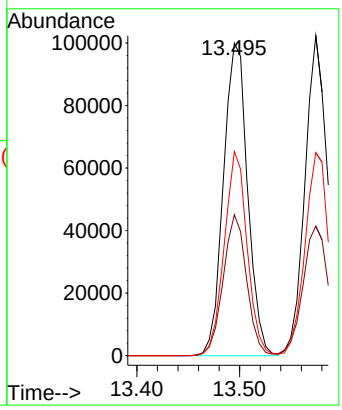




#87
1,3-Dichlorobenzene
Concen: 21.606 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:146 Resp: 16350

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.9	65.5
148	61.8	31.9	95.9

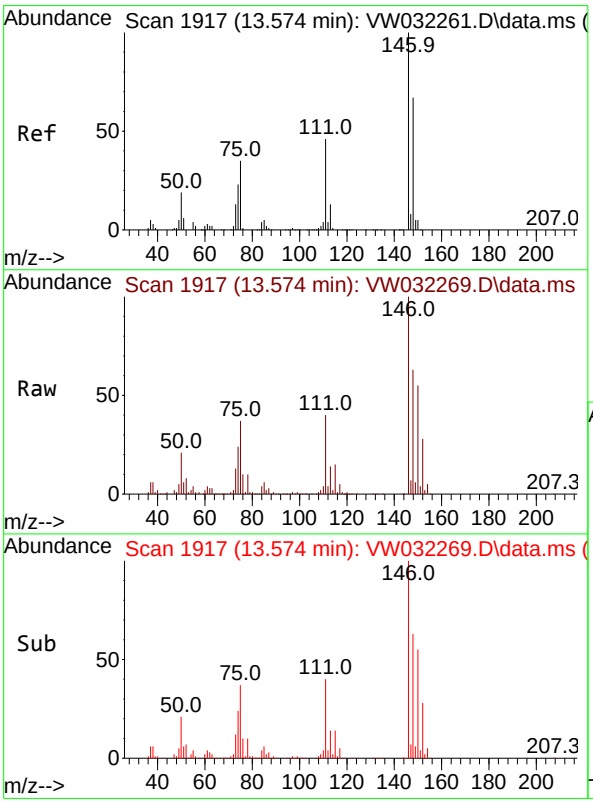


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

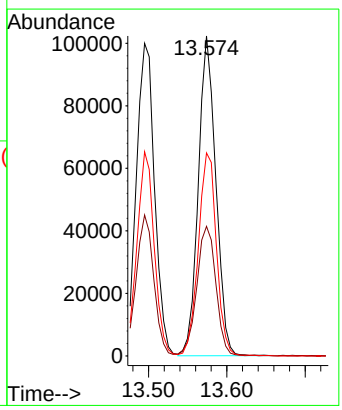
Supervised By :Semsettin Yesilyurt
09/29/2025

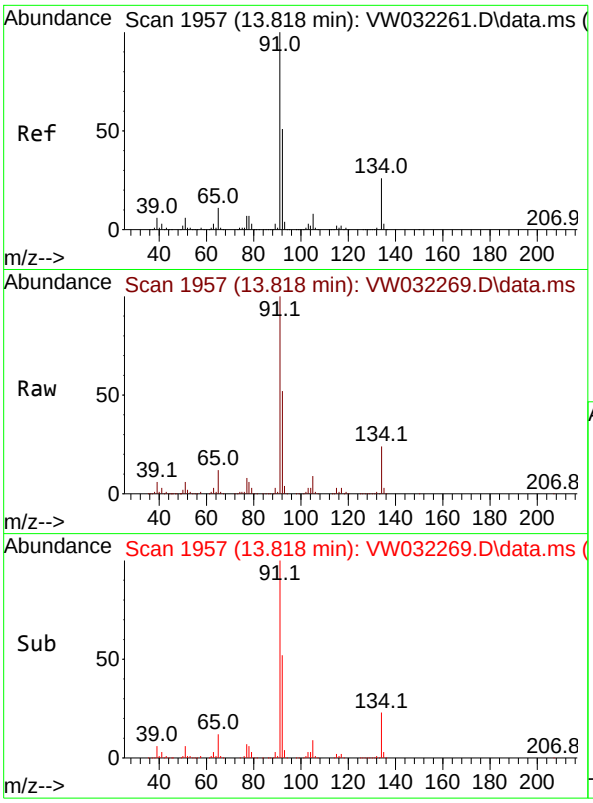


#88
1,4-Dichlorobenzene
Concen: 20.581 ug/l
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:146 Resp: 159112

Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.4	67.2
148	65.8	34.4	103.1

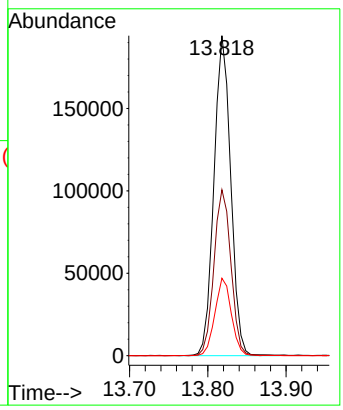




#89
n-Butylbenzene
Concen: 20.855 ug/l
RT: 13.818 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 91 Resp: 28949

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.7	80.1
134	23.8	12.3	36.8

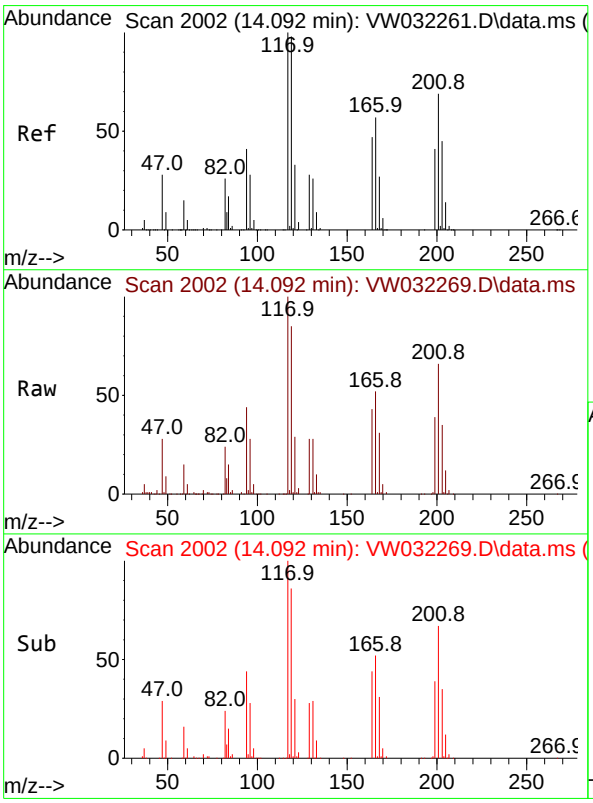


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

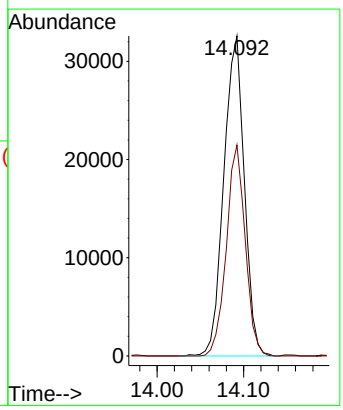
Supervised By :Semsettin Yesilyurt
09/29/2025

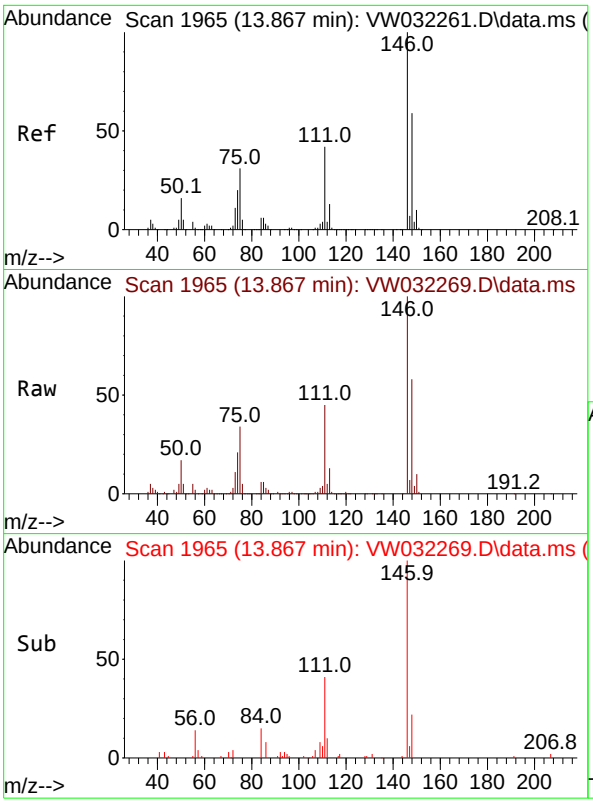


#90
Hexachloroethane
Concen: 20.770 ug/l
RT: 14.092 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:117 Resp: 53545

Ion	Ratio	Lower	Upper
117	100		
201	60.8	31.4	94.0

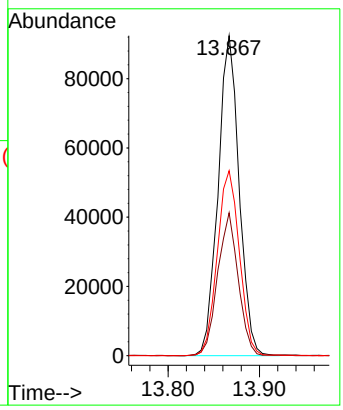




#91
1,2-Dichlorobenzene
Concen: 20.903 ug/l
RT: 13.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:146 Resp: 14797

Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.8
148	60.9	31.9	95.5

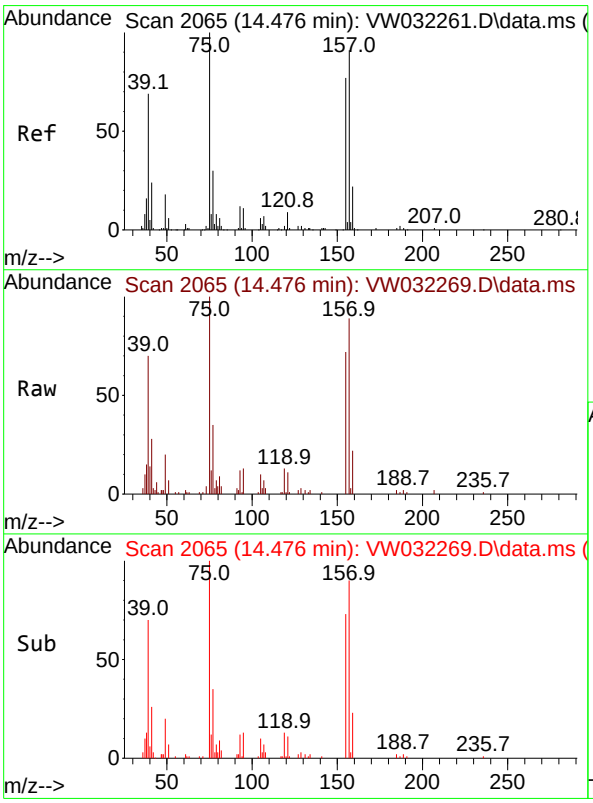


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

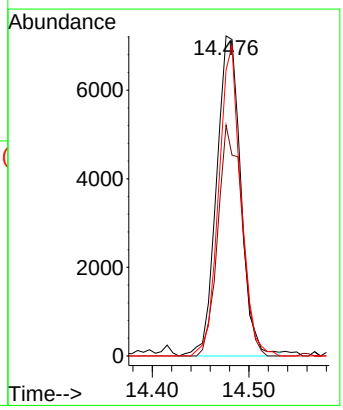
Supervised By :Semsettin Yesilyurt
09/29/2025

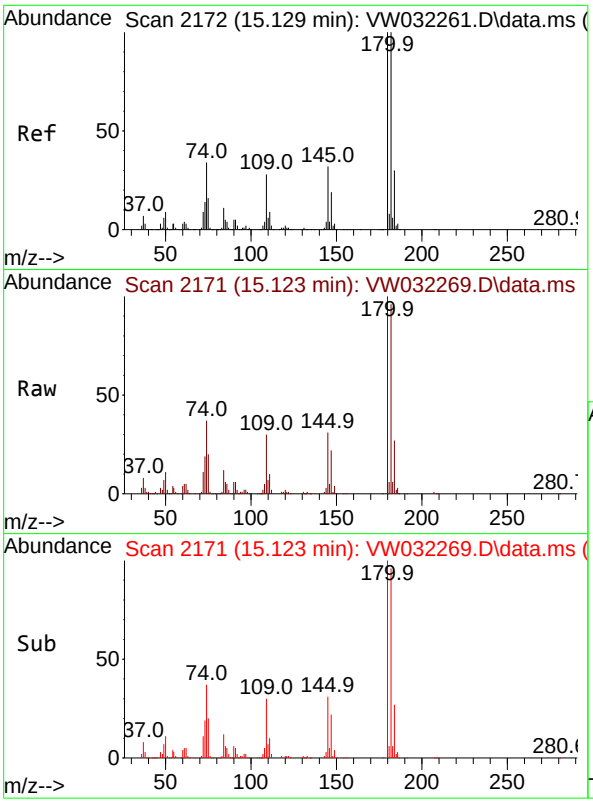


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.990 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion: 75 Resp: 12549

Ion	Ratio	Lower	Upper
75	100		
155	71.5	38.2	114.6
157	88.5	47.0	141.0

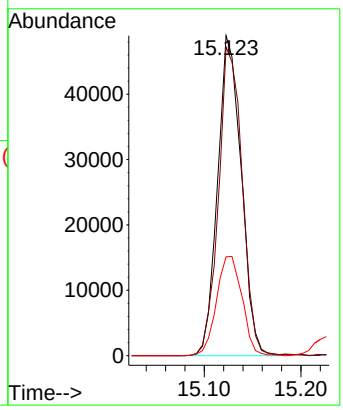




#93
1,2,4-Trichlorobenzene
Concen: 19.780 ug/l
RT: 15.123 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:180 Resp: 8307

Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.3
145	33.6	16.9	50.7

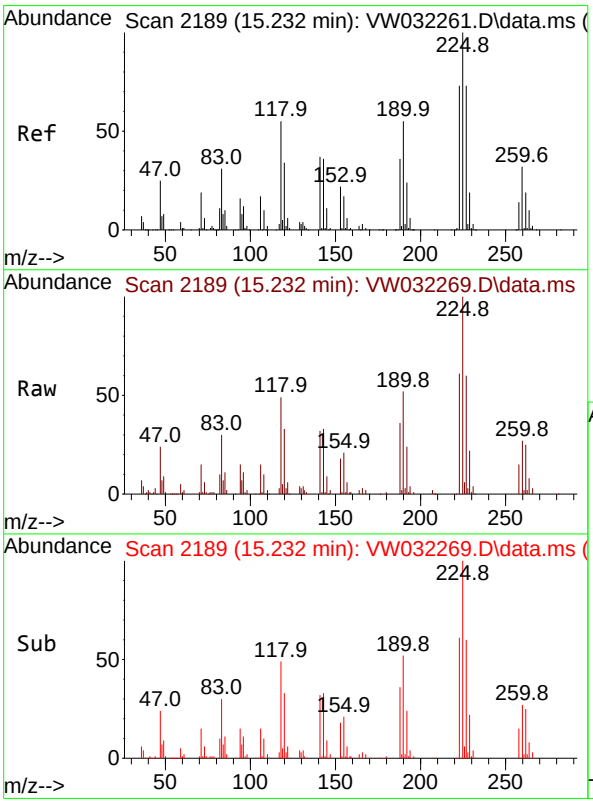


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

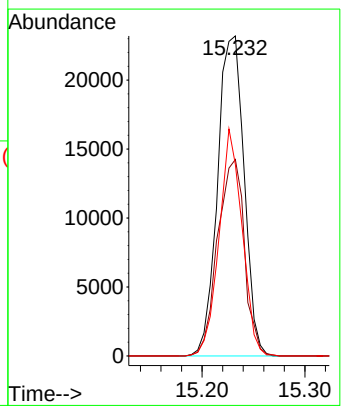
Supervised By :Semsettin Yesilyurt
09/29/2025

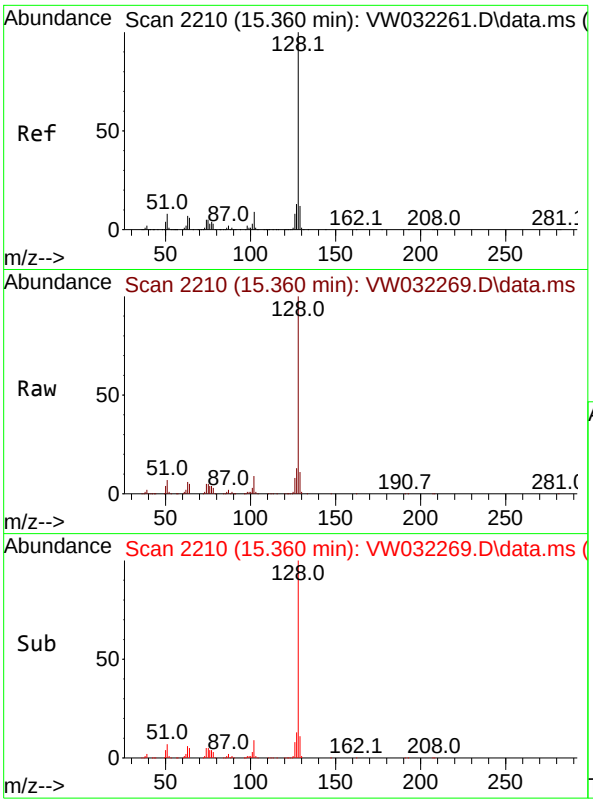


#94
Hexachlorobutadiene
Concen: 21.539 ug/l
RT: 15.232 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:225 Resp: 41545

Ion	Ratio	Lower	Upper
225	100		
223	62.1	36.4	109.2
227	61.6	36.4	109.2

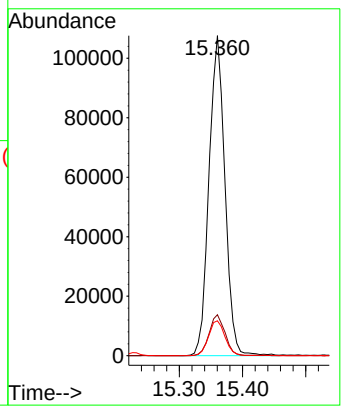




#95
Naphthalene
Concen: 18.725 ug/l
RT: 15.360 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:128 Resp: 18874

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	11.3	9.0	13.4

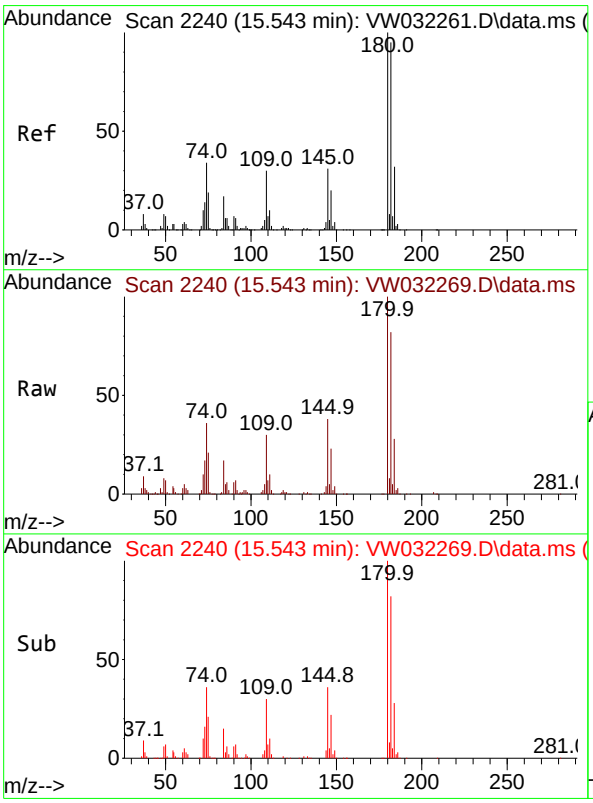


Instrument :
MSVOA_W
ClientSampleId :
VW0926SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda
09/29/2025

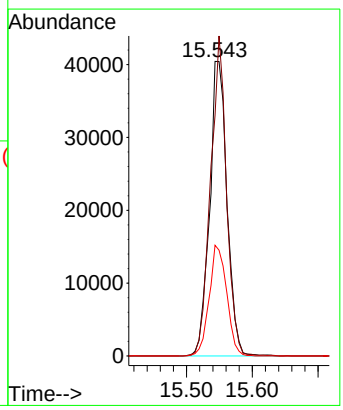
Supervised By :Semsettin Yesilyurt
09/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.141 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VW032269.D
Acq: 26 Sep 2025 10:08

Tgt Ion:180 Resp: 74748

Ion	Ratio	Lower	Upper
180	100		
182	99.6	45.5	136.4
145	37.7	18.1	54.1



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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS	SDG No.:	Q3178
Lab Sample ID:	Q3178-02MS	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.66 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032271.D	1	09/26/25 11:49	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	80.2		1.70	7.50	ug/Kg
74-87-3	Chloromethane	78.1		1.70	7.50	ug/Kg
75-01-4	Vinyl Chloride	90.1		1.20	7.50	ug/Kg
74-83-9	Bromomethane	78.2		1.60	7.50	ug/Kg
75-00-3	Chloroethane	94.4		1.90	7.50	ug/Kg
75-69-4	Trichlorofluoromethane	78.9		1.80	7.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	78.9		1.60	7.50	ug/Kg
75-35-4	1,1-Dichloroethene	89.7		1.50	7.50	ug/Kg
67-64-1	Acetone	550		7.10	37.6	ug/Kg
75-15-0	Carbon Disulfide	63.4		1.60	7.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	110		1.10	7.50	ug/Kg
79-20-9	Methyl Acetate	220		2.30	7.50	ug/Kg
75-09-2	Methylene Chloride	100		5.30	15.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	80.3		1.30	7.50	ug/Kg
75-34-3	1,1-Dichloroethane	89.1		1.20	7.50	ug/Kg
110-82-7	Cyclohexane	63.4		1.20	7.50	ug/Kg
78-93-3	2-Butanone	560		9.80	37.6	ug/Kg
56-23-5	Carbon Tetrachloride	73.8		1.50	7.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	82.2		1.10	7.50	ug/Kg
74-97-5	Bromochloromethane	91.5		1.70	7.50	ug/Kg
67-66-3	Chloroform	85.2		1.30	7.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	82.0		1.40	7.50	ug/Kg
108-87-2	Methylcyclohexane	50.2		1.40	7.50	ug/Kg
71-43-2	Benzene	78.4		1.20	7.50	ug/Kg
107-06-2	1,2-Dichloroethane	90.1		1.20	7.50	ug/Kg
79-01-6	Trichloroethene	68.9		1.20	7.50	ug/Kg
78-87-5	1,2-Dichloropropane	80.4		1.40	7.50	ug/Kg
75-27-4	Bromodichloromethane	77.3		1.20	7.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	540		5.40	37.6	ug/Kg
108-88-3	Toluene	63.9		1.20	7.50	ug/Kg

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS	SDG No.:	Q3178
Lab Sample ID:	Q3178-02MS	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.66 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032271.D	1	09/26/25 11:49	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	71.1		0.98	7.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	69.1		0.93	7.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	81.3		1.40	7.50	ug/Kg
591-78-6	2-Hexanone	510		5.50	37.6	ug/Kg
124-48-1	Dibromochloromethane	67.8		1.30	7.50	ug/Kg
106-93-4	1,2-Dibromoethane	78.0		1.30	7.50	ug/Kg
127-18-4	Tetrachloroethene	86.1		1.60	7.50	ug/Kg
108-90-7	Chlorobenzene	76.4		1.40	7.50	ug/Kg
100-41-4	Ethyl Benzene	79.6		1.00	7.50	ug/Kg
179601-23-1	m/p-Xylenes	150		1.90	15.0	ug/Kg
95-47-6	o-Xylene	74.7		1.20	7.50	ug/Kg
100-42-5	Styrene	66.5		1.10	7.50	ug/Kg
75-25-2	Bromoform	99.0		1.30	7.50	ug/Kg
98-82-8	Isopropylbenzene	130		1.20	7.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	210		1.80	7.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	80.3		2.60	7.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	76.1		2.30	7.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	76.1		2.20	7.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	180		2.80	7.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	32.2		4.50	7.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	31.0		4.80	7.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.0		63 - 155	118%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 - 134	101%	SPK: 50
2037-26-5	Toluene-d8	39.4		74 - 123	79%	SPK: 50
460-00-4	4-Bromofluorobenzene	23.0		17 - 146	46%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	141000	7.959			
540-36-3	1,4-Difluorobenzene	266000	8.849			
3114-55-4	Chlorobenzene-d5	156000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	38800	13.556			

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS	SDG No.:	Q3178
Lab Sample ID:	Q3178-02MS	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.66 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032271.D	1	09/26/25 11:49	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_W\Data\VW092625\
Data File : VW032271.D
Acq On : 26 Sep 2025 11:49
Operator : SY/MD
Sample : Q3178-02MS
Misc : 4.66g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 27 04:33:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	141001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	266280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	156298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	38842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131342	58.994	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 117.980%			
35) Dibromofluoromethane	7.898	113	97051	50.679	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 101.360%			
50) Toluene-d8	10.325	98	272086	39.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 78.840%			
62) 4-Bromofluorobenzene	12.617	95	59860	22.994	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 45.980%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	51958	53.336	ug/l	96
3) Chloromethane	2.253	50	72490	51.996	ug/l	97
4) Vinyl Chloride	2.405	62	97624	59.932	ug/l	97
5) Bromomethane	2.820	94	57849	52.008	ug/l	94
6) Chloroethane	2.966	64	69360	62.838	ug/l	99
7) Trichlorofluoromethane	3.302	101	64423	52.490	ug/l	97
8) Diethyl Ether	3.716	74	75653	65.189	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.100	101	82267	52.513	ug/l	98
10) Methyl Iodide	4.314	142	89718	42.341	ug/l	99
11) Tert butyl alcohol	5.216	59	61413	397.386	ug/l	98
12) 1,1-Dichloroethene	4.076	96	99981	59.703	ug/l	88
13) Acrolein	3.923	56	10857	39.471	ug/l	98
14) Allyl chloride	4.698	41	154458	59.431	ug/l	97
15) Acrylonitrile	5.399	53	214410	358.726	ug/l	98
16) Acetone	4.155	43	208051	363.876	ug/l	97
17) Carbon Disulfide	4.417	76	162388	42.175	ug/l	97
18) Methyl Acetate	4.704	43	291668	148.323	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	235646	75.913	ug/l	96
20) Methylene Chloride	4.960	84	137903	69.711	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	96439	53.405	ug/l	95
22) Diisopropyl ether	6.338	45	351904	60.936	ug/l	94
24) 1,1-Dichloroethane	6.240	63	216270	59.324	ug/l	99
25) 2-Butanone	7.191	43	297231	372.960	ug/l	98
26) 2,2-Dichloropropane	7.179	77	100665	56.035	ug/l	99
27) cis-1,2-Dichloroethene	7.185	96	122869	54.707	ug/l	99
28) Bromochloromethane	7.526	49	105965	60.914	ug/l #	98
29) Tetrahydrofuran	7.551	42	211385	408.566	ug/l	99
30) Chloroform	7.691	83	215651	56.695	ug/l	98
31) Cyclohexane	7.972	56	121292	42.193	ug/l	96
32) 1,1,1-Trichloroethane	7.880	97	139910	54.599	ug/l	99
36) 1,1-Dichloropropene	8.093	75	126371	48.946	ug/l	99
37) Ethyl Acetate	7.270	43	48182	28.139	ug/l	99
38) Carbon Tetrachloride	8.081	117	119212	49.078	ug/l #	94
39) Methylcyclohexane	9.337	83	99881	33.434	ug/l	99
40) Benzene	8.331	78	423776	52.146	ug/l	100
41) Methacrylonitrile	7.502	41	55784	56.883	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032271.D
Acq On : 26 Sep 2025 11:49
Operator : SY/MD
Sample : Q3178-02MS
Misc : 4.66g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 27 04:33:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 1,2-Dichloroethane	8.410	62	162045	59.988	ug/l		100
43) Isopropyl Acetate	8.435	43	116448	37.991	ug/l		93
44) Trichloroethene	9.099	130	87125	45.866	ug/l		97
45) 1,2-Dichloropropane	9.374	63	112658	53.524	ug/l		98
46) Dibromomethane	9.465	93	74475	57.550	ug/l		98
47) Bromodichloromethane	9.648	83	151865	51.452	ug/l		98
48) Methyl methacrylate	9.441	41	124110	86.067	ug/l		94
49) 1,4-Dioxane	9.465	88	28605	1650.441	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.215	43	656336	361.151	ug/l		98
52) Toluene	10.392	92	214169	42.519	ug/l		100
53) t-1,3-Dichloropropene	10.611	75	127989	47.329	ug/l		100
54) cis-1,3-Dichloropropene	10.075	75	143573	45.987	ug/l		97
55) 1,1,2-Trichloroethane	10.788	97	95597	54.119	ug/l		98
56) Ethyl methacrylate	10.648	69	45933	19.741	ug/l		96
57) 1,3-Dichloropropane	10.928	76	170464	55.861	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.928	63	412400	322.877	ug/l		99
59) 2-Hexanone	10.971	43	420700	338.987	ug/l		98
60) Dibromochloromethane	11.129	129	87500	45.105	ug/l		97
61) 1,2-Dibromoethane	11.233	107	86844	51.894	ug/l		97
64) Tetrachloroethene	10.867	164	54561	57.282	ug/l		97
65) Chlorobenzene	11.660	112	182983	50.825	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.727	131	73843	64.855	ug/l		98
67) Ethyl Benzene	11.733	91	312051	52.954	ug/l		95
68) m/p-Xylenes	11.837	106	227693	100.795	ug/l		99
69) o-Xylene	12.166	106	105483	49.686	ug/l		96
70) Styrene	12.178	104	164859	44.281	ug/l		98
71) Bromoform	12.355	173	43701	65.863	ug/l	#	97
73) Isopropylbenzene	12.465	105	232950	86.167	ug/l		100
74) N-amyl acetate	12.270	43	15662	18.396	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.715	83	98287	138.663	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	84194m	157.556	ug/l		
77) Bromobenzene	12.745	156	54865	82.510	ug/l		71
78) n-propylbenzene	12.800	91	250777	73.849	ug/l		99
79) 2-Chlorotoluene	12.891	91	142798	69.418	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	155362	67.217	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.507	75	26235	127.521	ug/l		93
82) 4-Chlorotoluene	12.989	91	143050	65.799	ug/l		97
83) tert-Butylbenzene	13.202	119	135834	70.270	ug/l		97
84) 1,2,4-Trimethylbenzene	13.245	105	149146	63.554	ug/l		99
85) sec-Butylbenzene	13.379	105	181058	62.374	ug/l		99
86) p-Isopropyltoluene	13.495	119	137665	57.265	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	70307	53.454	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	68009	50.614	ug/l		97
89) n-Butylbenzene	13.818	91	109435	45.360	ug/l		100
90) Hexachloroethane	14.086	117	22057	49.228	ug/l		99
91) 1,2-Dichlorobenzene	13.867	146	62337	50.664	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	14621	120.596	ug/l		97
93) 1,2,4-Trichlorobenzene	15.129	180	15617	21.395	ug/l		96
94) Hexachlorobutadiene	15.226	225	10247	30.566	ug/l		89
95) Naphthalene	15.360	128	64534	36.835	ug/l		98
96) 1,2,3-Trichlorobenzene	15.549	180	14020	20.656	ug/l		93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032271.D
Acq On : 26 Sep 2025 11:49
Operator : SY/MD
Sample : Q3178-02MS
Misc : 4.66g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 27 04:33:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

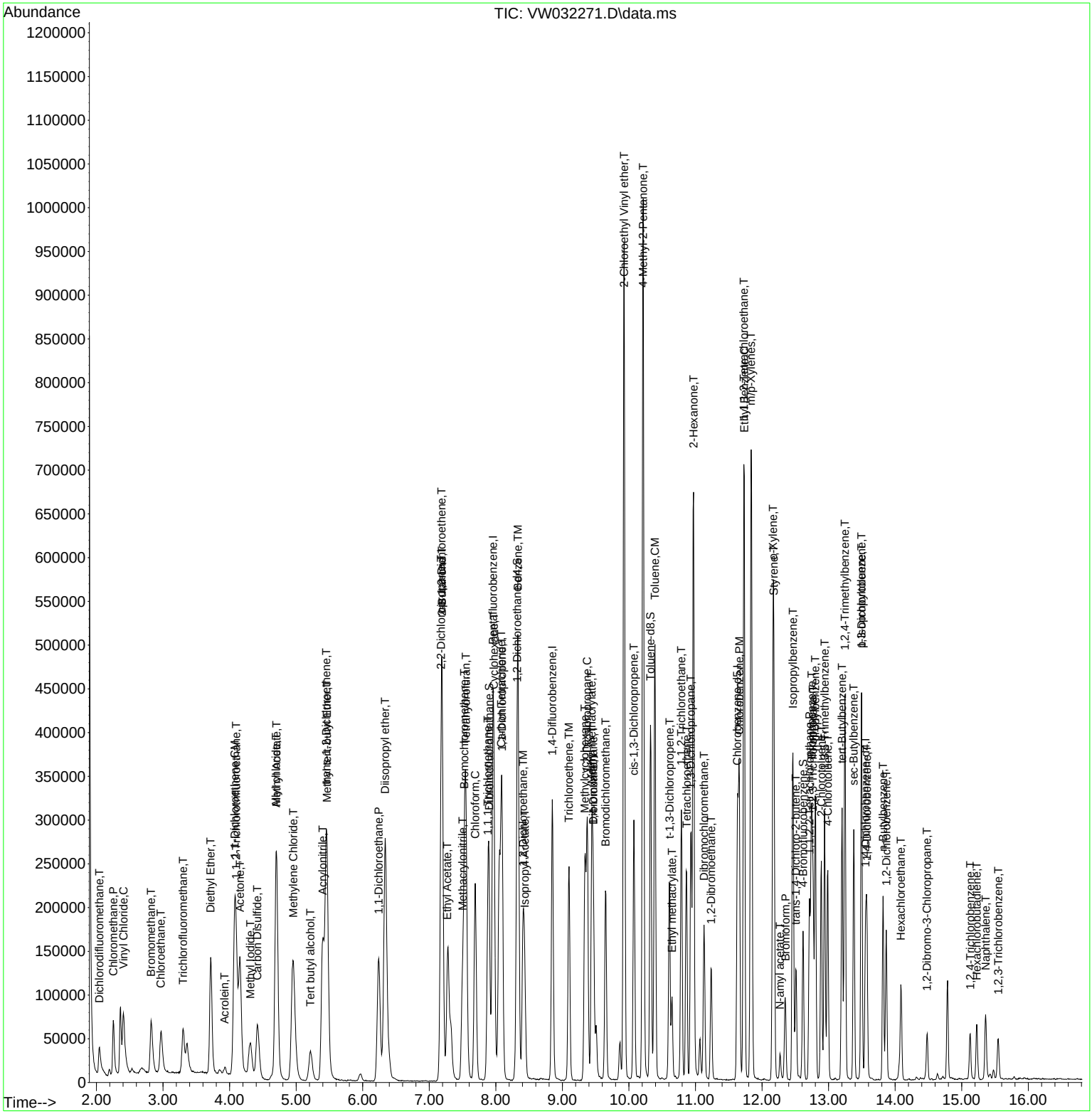
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Acq On : 26 Sep 2025 11:49
Operator : SY/MD
Sample : Q3178-02MS
Misc : 4.66g/5mL/MSVOA_W/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

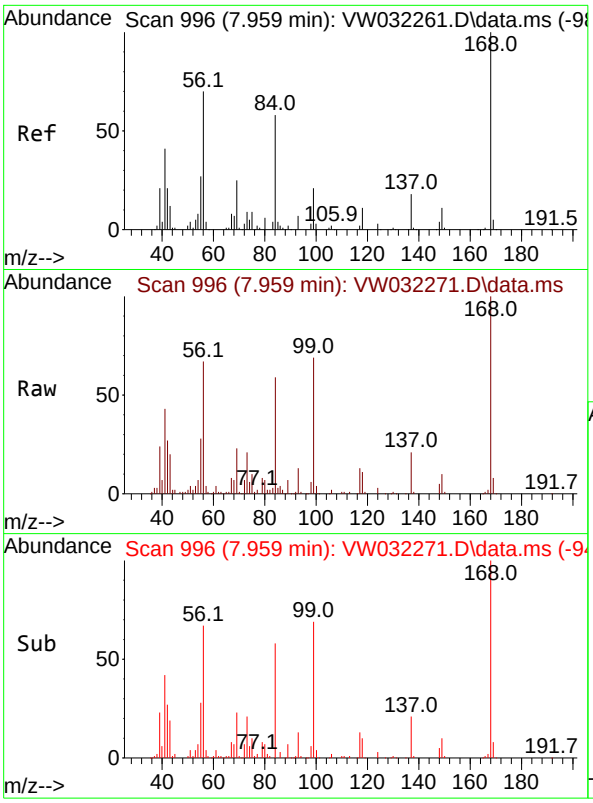
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QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
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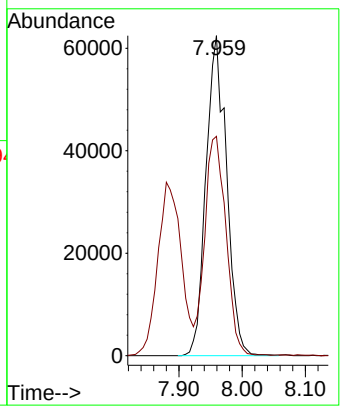




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:168 Resp: 14100

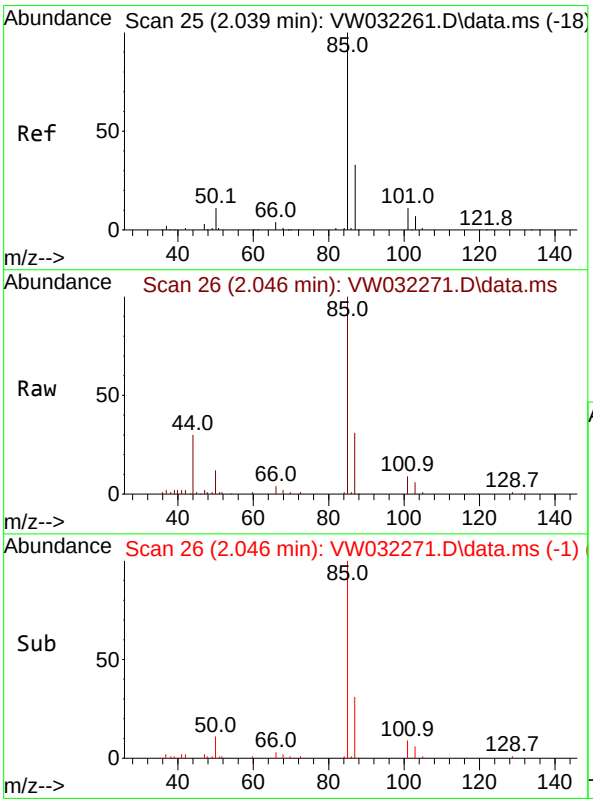
Ion	Ratio	Lower	Upper
168	100		
99	68.3	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

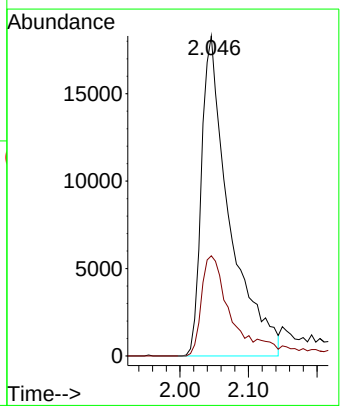
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

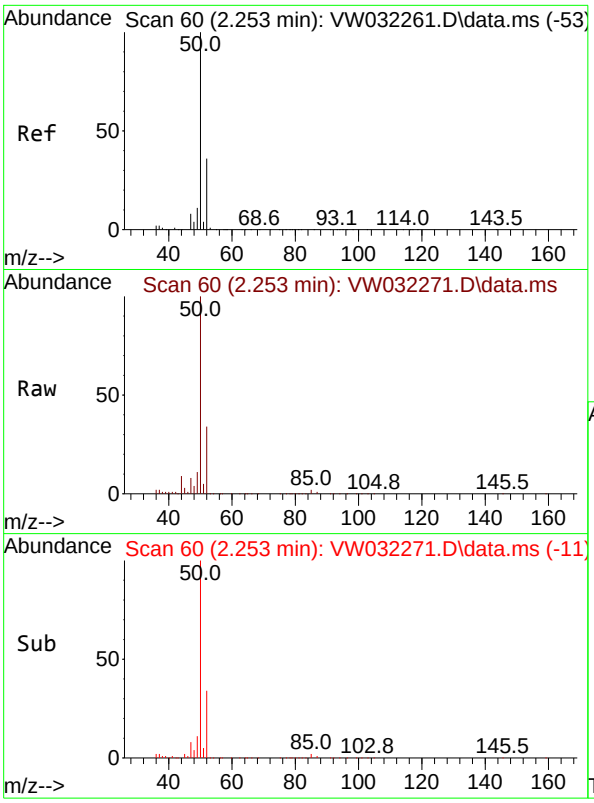


#2
Dichlorodifluoromethane
Concen: 53.336 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 85 Resp: 51958

Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.7	50.1

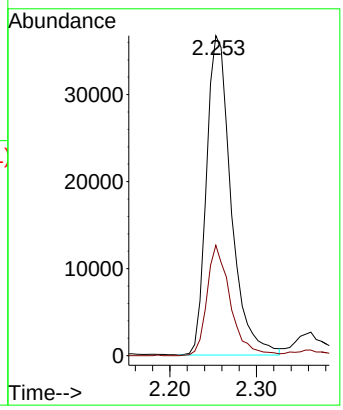




#3
Chloromethane
Concen: 51.996 ug/l
RT: 2.253 min Scan# 6
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 50 Resp: 7249

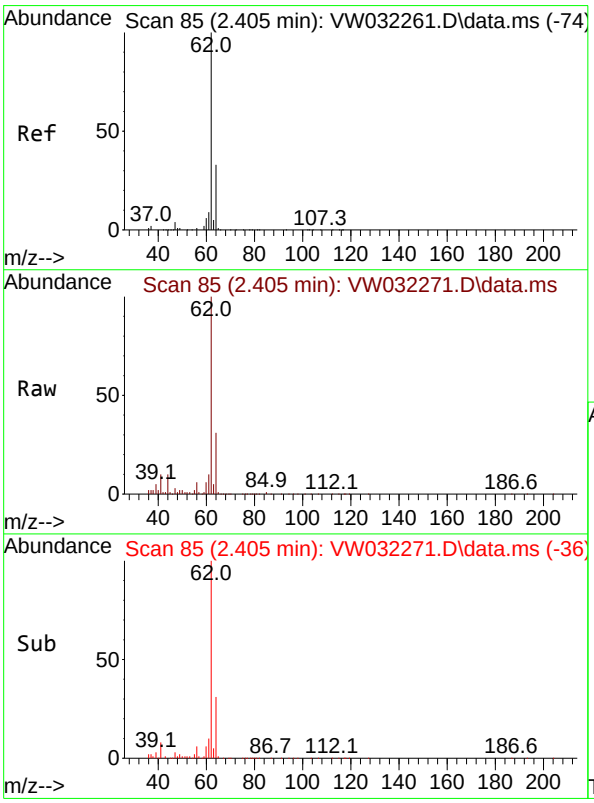
Ion	Ratio	Lower	Upper
50	100		
52	34.6	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

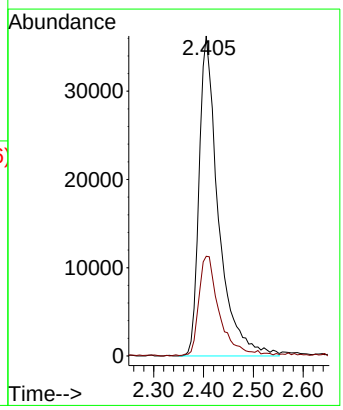
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

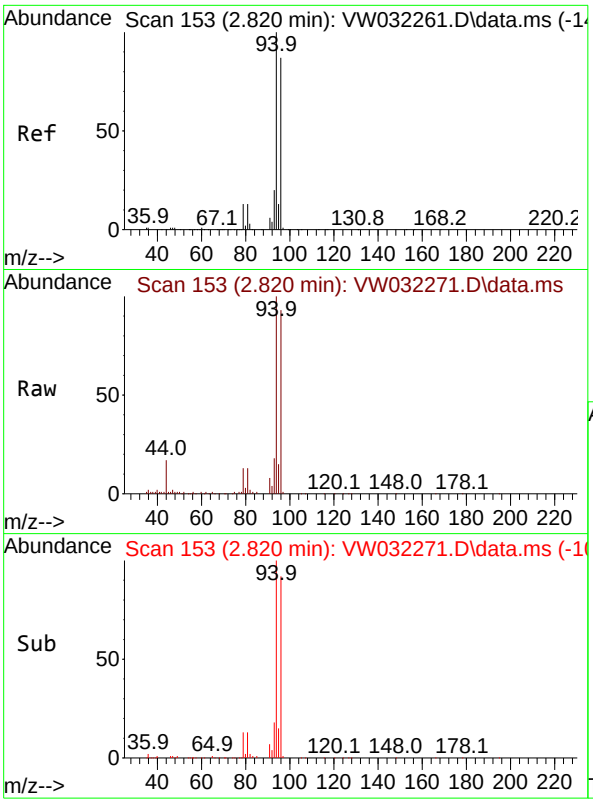


#4
Vinyl Chloride
Concen: 59.932 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 62 Resp: 97624

Ion	Ratio	Lower	Upper
62	100		
64	31.0	26.2	39.4

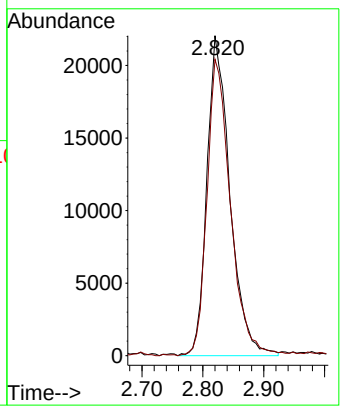




#5
Bromomethane
Concen: 52.008 ug/l
RT: 2.820 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 94 Resp: 5784

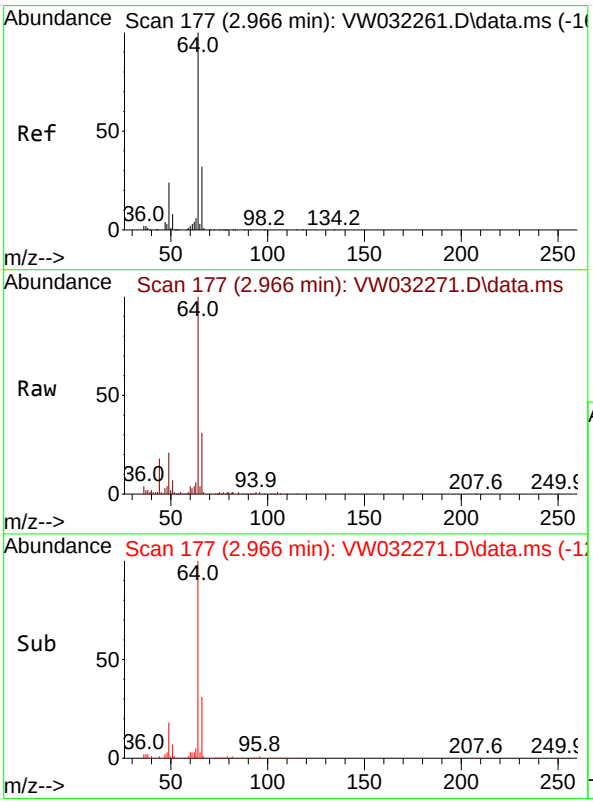
Ion	Ratio	Lower	Upper
94	100		
96	92.6	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

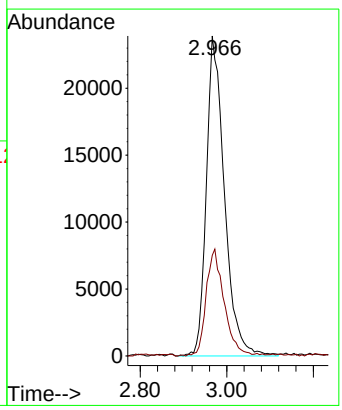
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

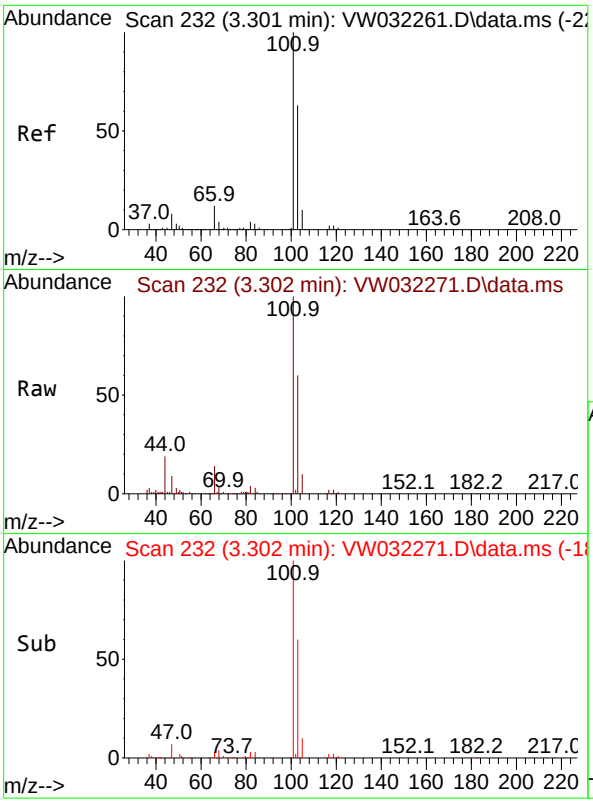


#6
Chloroethane
Concen: 62.838 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 64 Resp: 69360

Ion	Ratio	Lower	Upper
64	100		
66	31.5	25.5	38.3

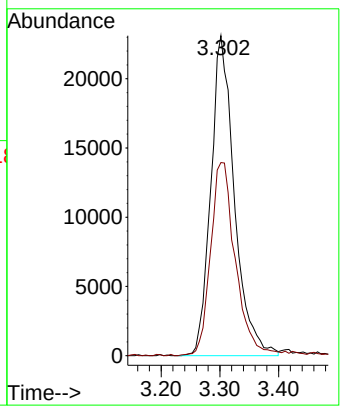




#7
Trichlorofluoromethane
Concen: 52.490 ug/l
RT: 3.302 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:101 Resp: 6442

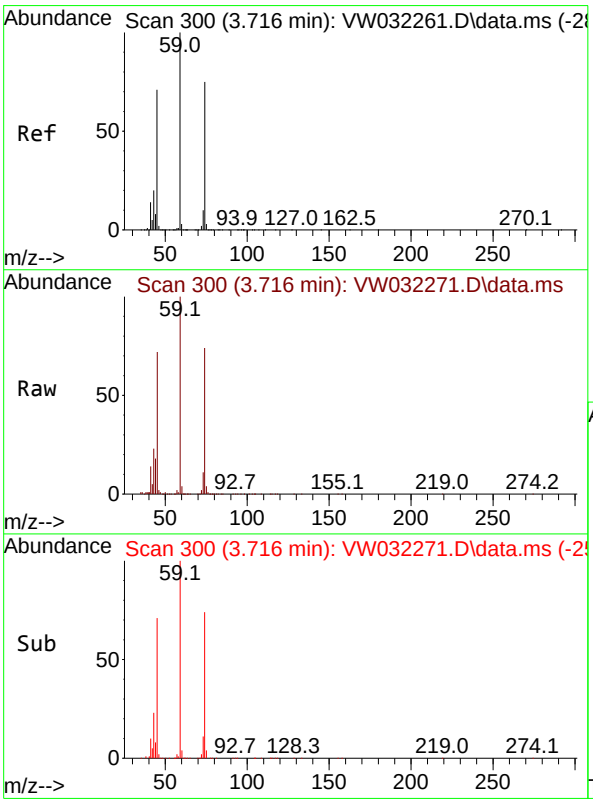
Ion	Ratio	Lower	Upper
101	100		
103	60.3	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

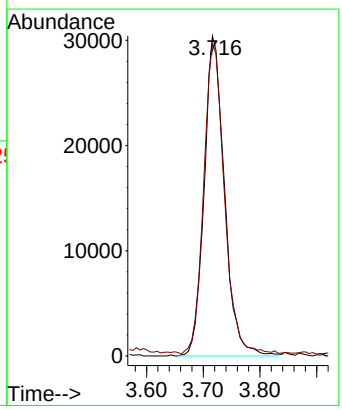
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

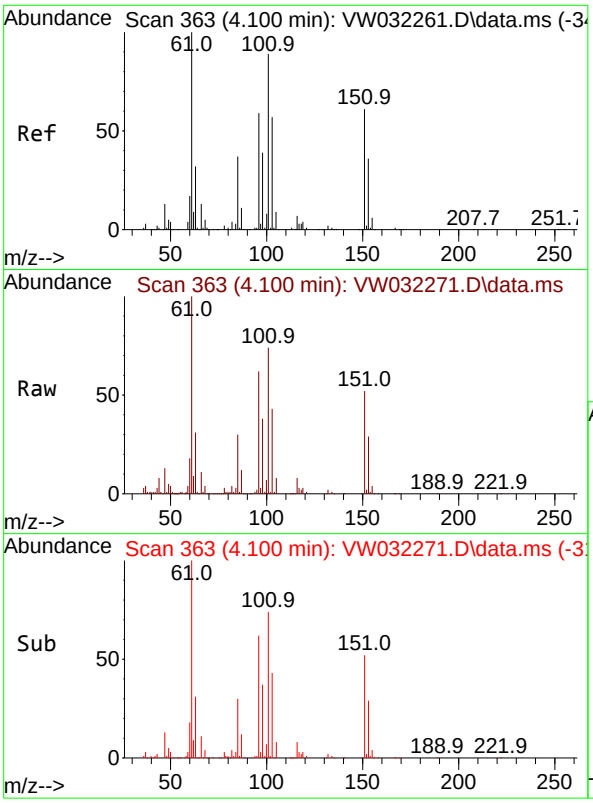


#8
Diethyl Ether
Concen: 65.189 ug/l
RT: 3.716 min Scan# 300
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 74 Resp: 75653

Ion	Ratio	Lower	Upper
74	100		
45	99.0	49.0	147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.513 ug/l
RT: 4.100 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

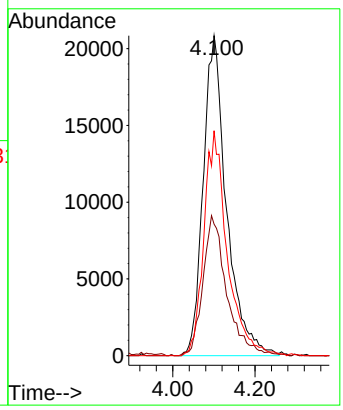
Tgt Ion:101 Resp: 8226

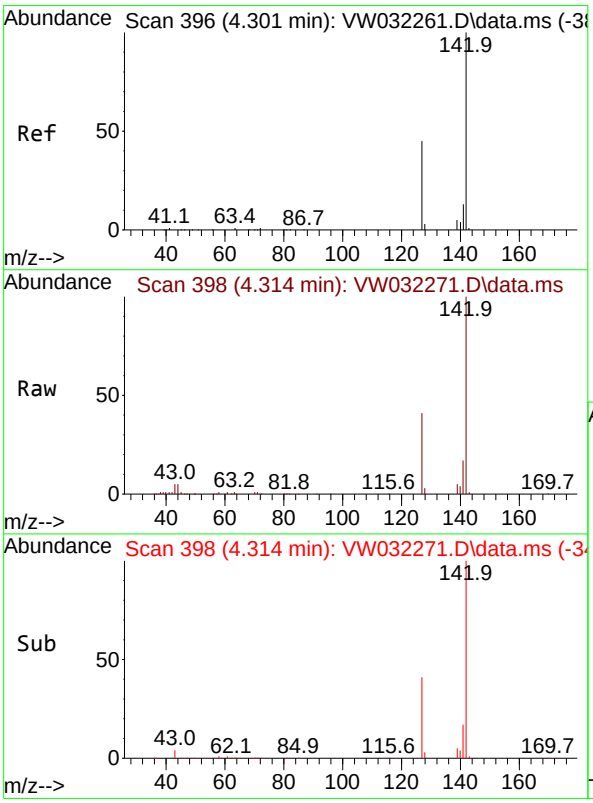
Ion	Ratio	Lower	Upper
101	100		
85	44.6	33.7	50.5
151	70.2	55.7	83.5

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

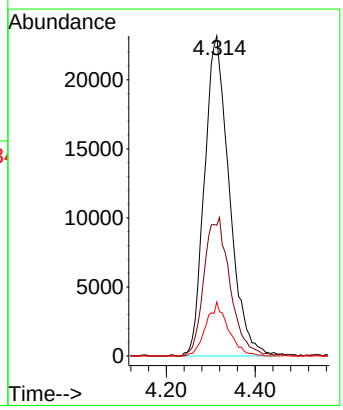


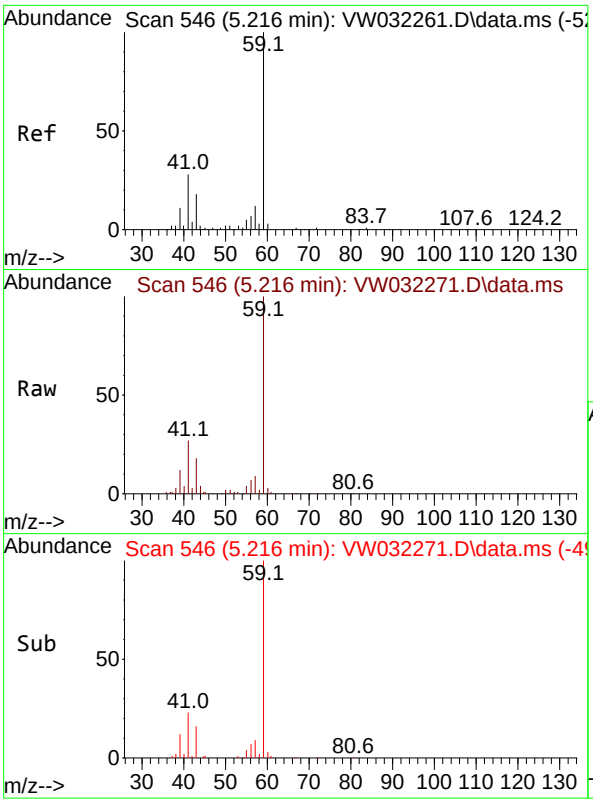


#10
Methyl Iodide
Concen: 42.341 ug/l
RT: 4.314 min Scan# 398
Delta R.T. 0.012 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:142 Resp: 89718

Ion	Ratio	Lower	Upper
142	100		
127	45.6	36.9	55.3
141	15.2	12.0	18.0

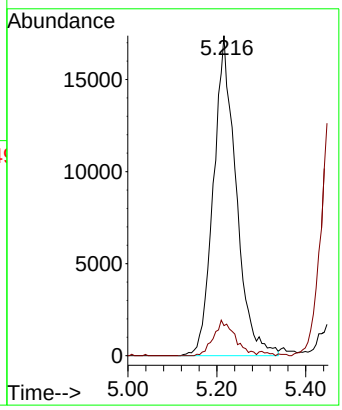




#11
Tert butyl alcohol
Concen: 397.386 ug/l
RT: 5.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 59 Resp: 6141

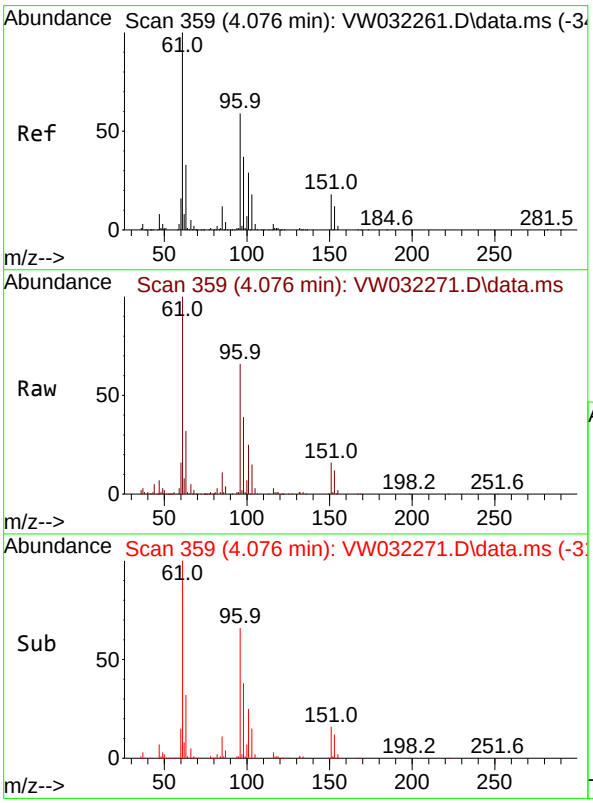
Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.9	13.3



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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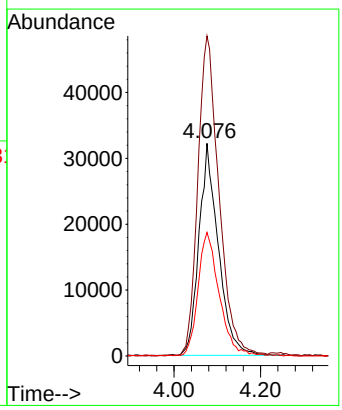
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

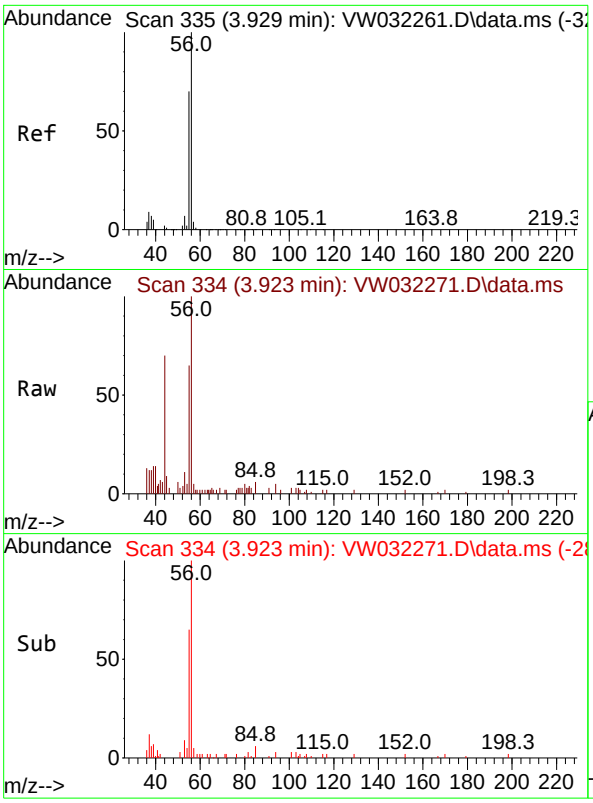


#12
1,1-Dichloroethene
Concen: 59.703 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 96 Resp: 99981

Ion	Ratio	Lower	Upper
96	100		
61	150.5	136.3	204.5
98	58.0	50.7	76.1

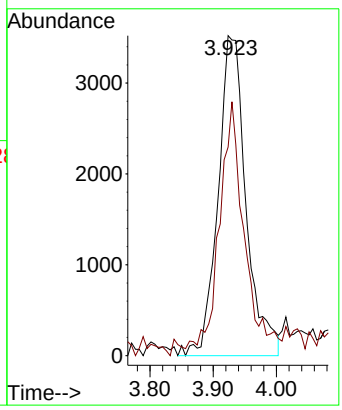




#13
Acrolein
Concen: 39.471 ug/l
RT: 3.923 min Scan# 3
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 56 Resp: 1085

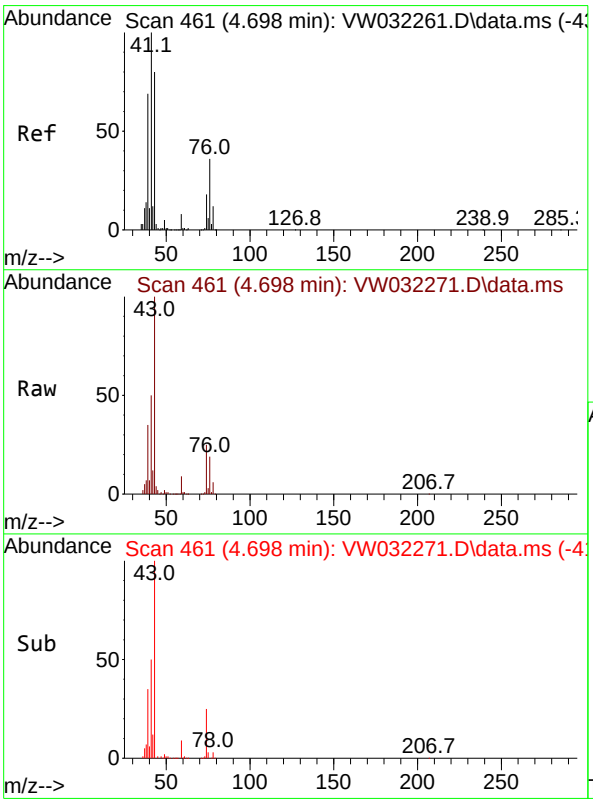
Ion	Ratio	Lower	Upper
56	100		
55	65.2	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

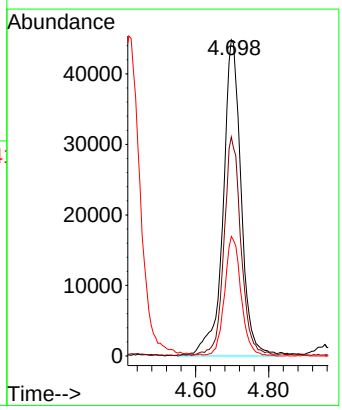
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

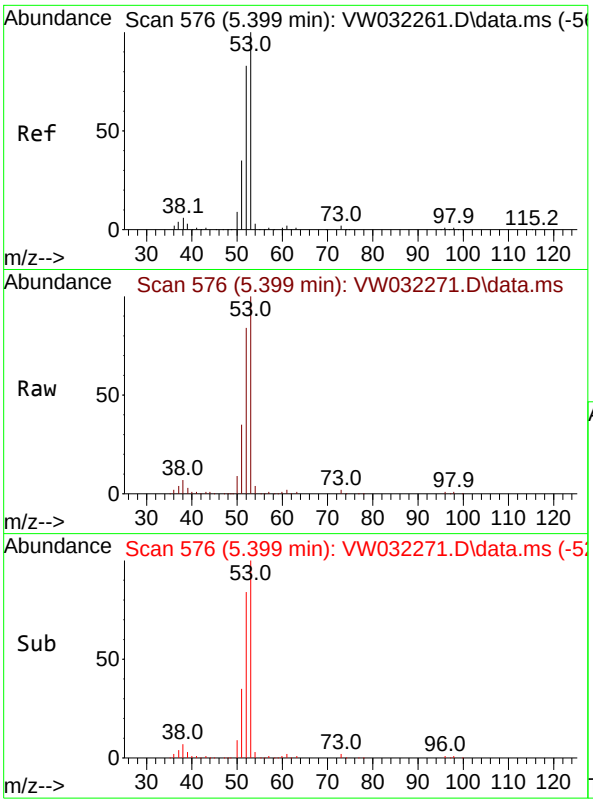


#14
Allyl chloride
Concen: 59.431 ug/l
RT: 4.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 41 Resp: 154458

Ion	Ratio	Lower	Upper
41	100		
39	64.9	54.3	81.5
76	34.6	28.7	43.1

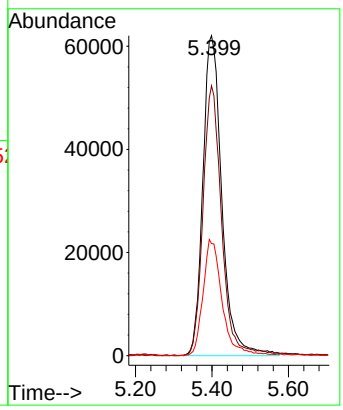




#15
Acrylonitrile
Concen: 358.726 ug/l
RT: 5.399 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 53 Resp: 21441

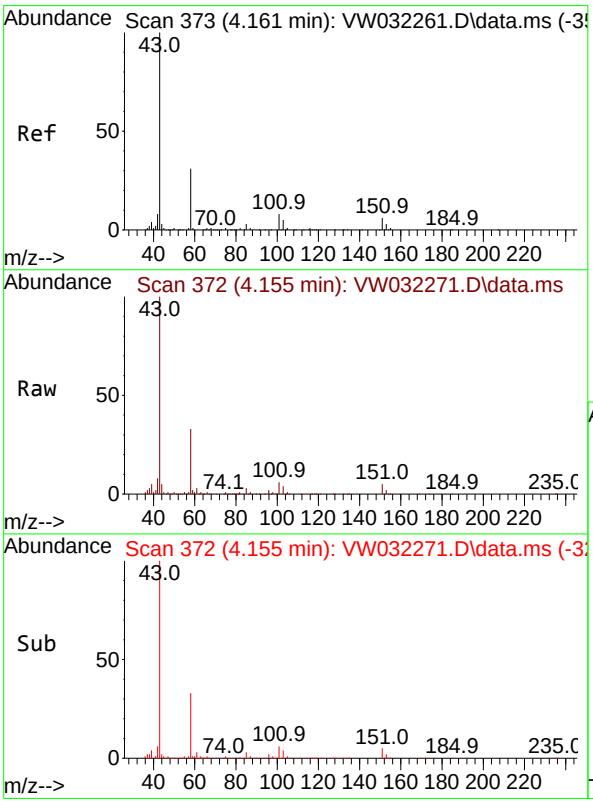
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.3	99.5
51	36.4	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

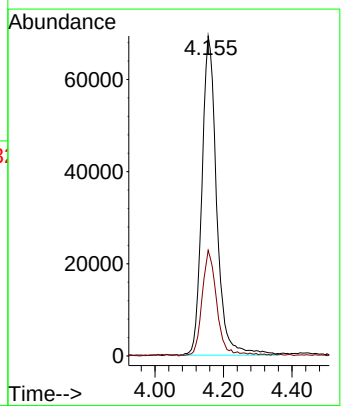
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

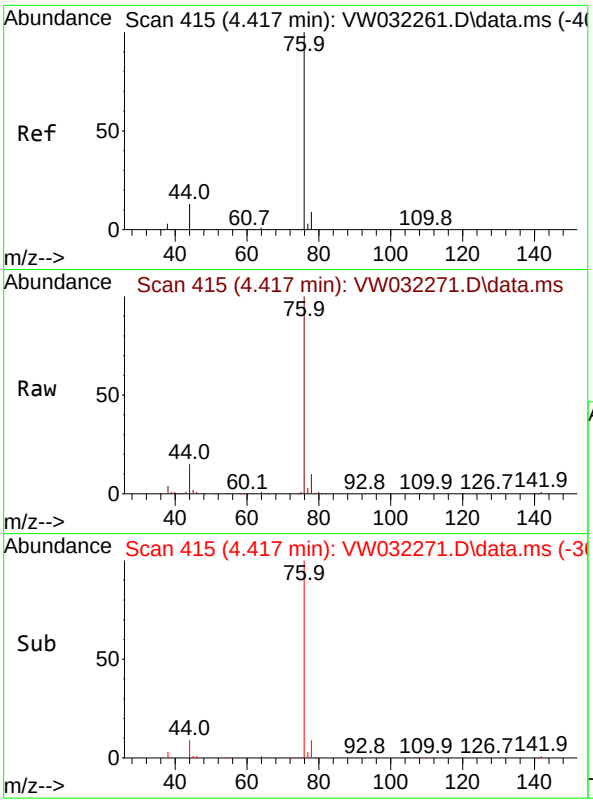


#16
Acetone
Concen: 363.876 ug/l
RT: 4.155 min Scan# 372
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 208051

Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.4	38.0

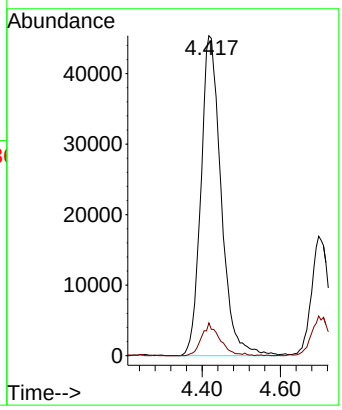




#17
Carbon Disulfide
Concen: 42.175 ug/l
RT: 4.417 min Scan# 4
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 76 Resp: 16238

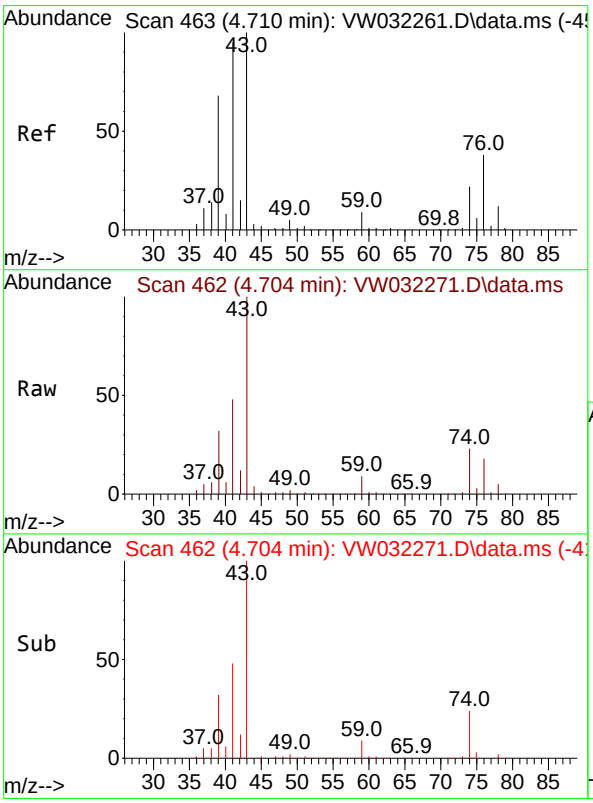
Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

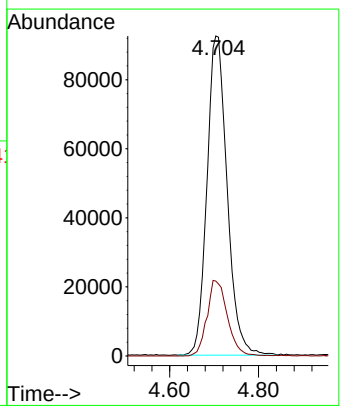
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

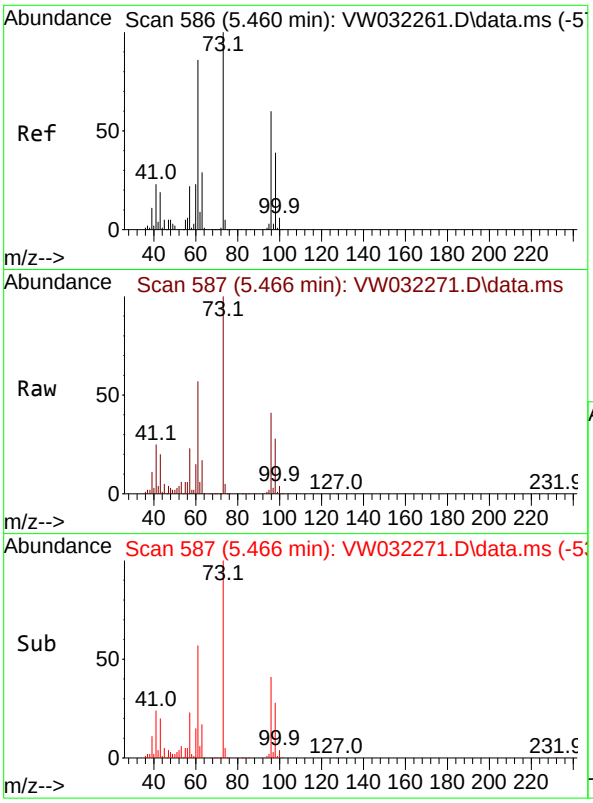


#18
Methyl Acetate
Concen: 148.323 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 291668

Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.8	28.2

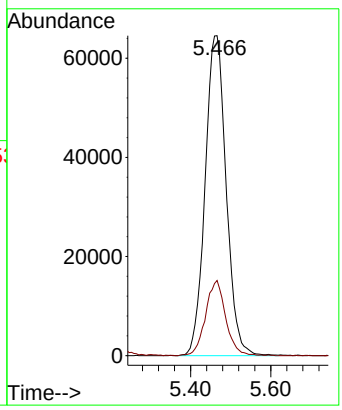




#19
Methyl tert-butyl Ether
Concen: 75.913 ug/l
RT: 5.466 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 73 Resp: 23564

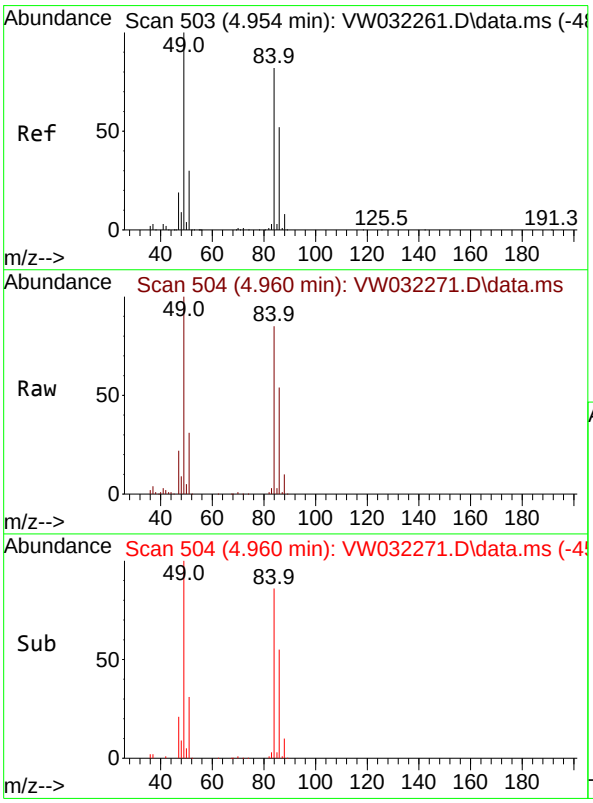
Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.3	25.9



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

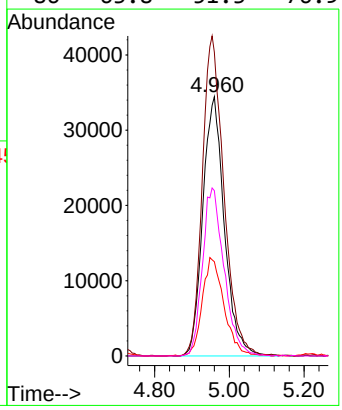
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

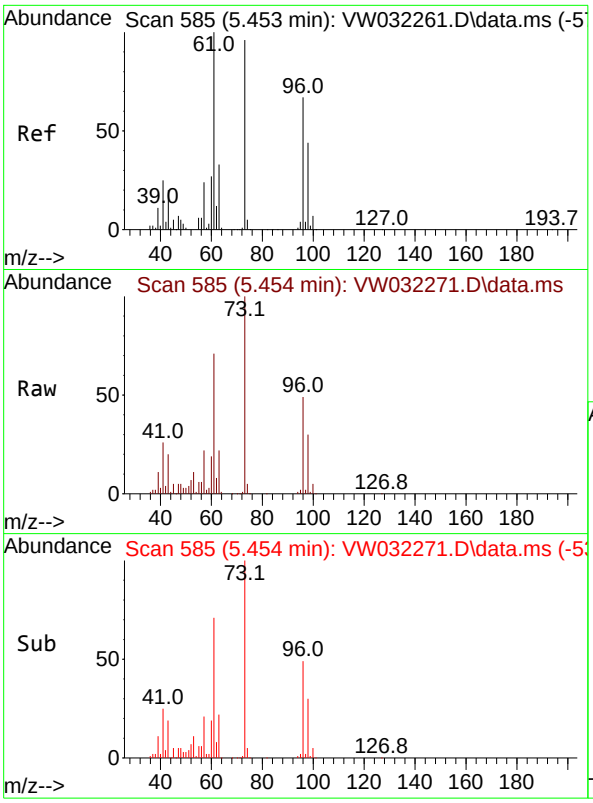


#20
Methylene Chloride
Concen: 69.711 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 84 Resp: 137903

Ion	Ratio	Lower	Upper
84	100		
49	117.2	97.8	146.6
51	36.3	29.9	44.9
86	63.8	51.3	76.9

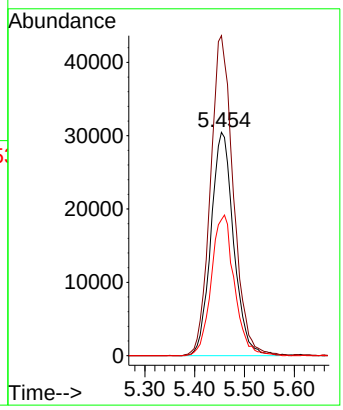




#21
trans-1,2-Dichloroethene
Concen: 53.405 ug/l
RT: 5.454 min Scan# 5
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 96 Resp: 9643

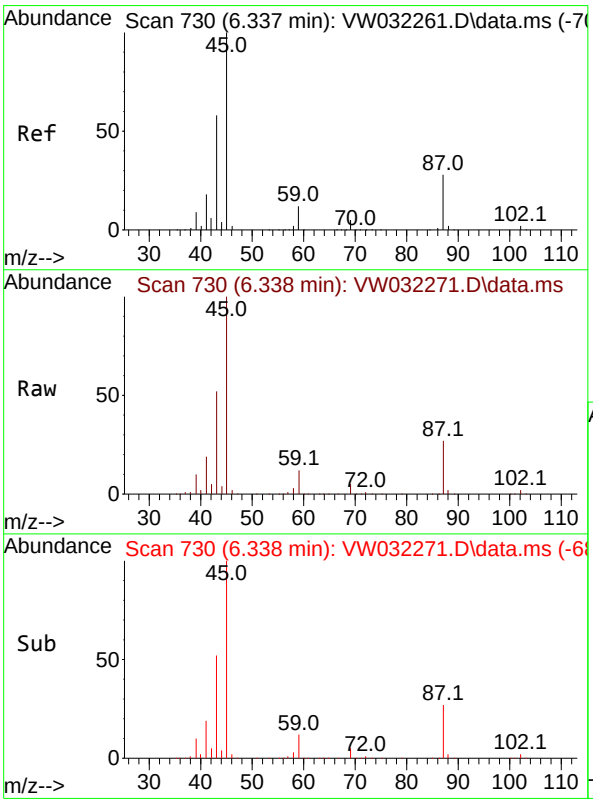
Ion	Ratio	Lower	Upper
96	100		
61	143.3	119.2	178.8
98	60.9	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

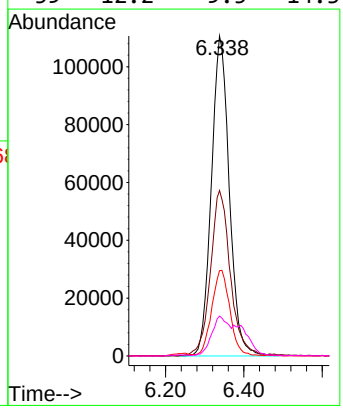
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

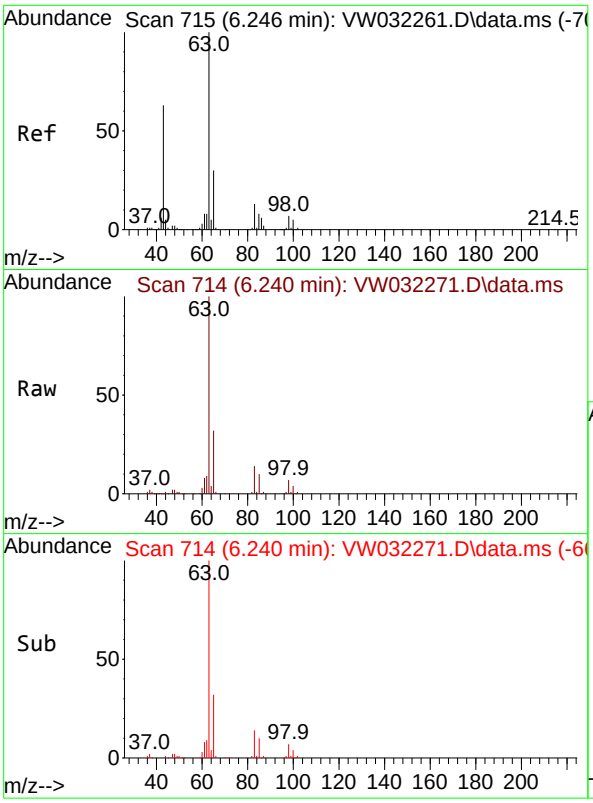


#22
Diisopropyl ether
Concen: 60.936 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 45 Resp: 351904

Ion	Ratio	Lower	Upper
45	100		
43	51.6	46.2	69.4
87	26.6	22.2	33.2
59	12.2	9.5	14.3

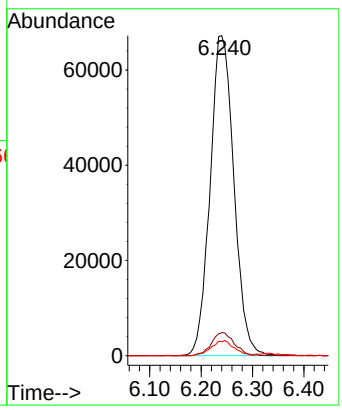




#24
1,1-Dichloroethane
Concen: 59.324 ug/l
RT: 6.240 min Scan# 7
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 63 Resp: 21627

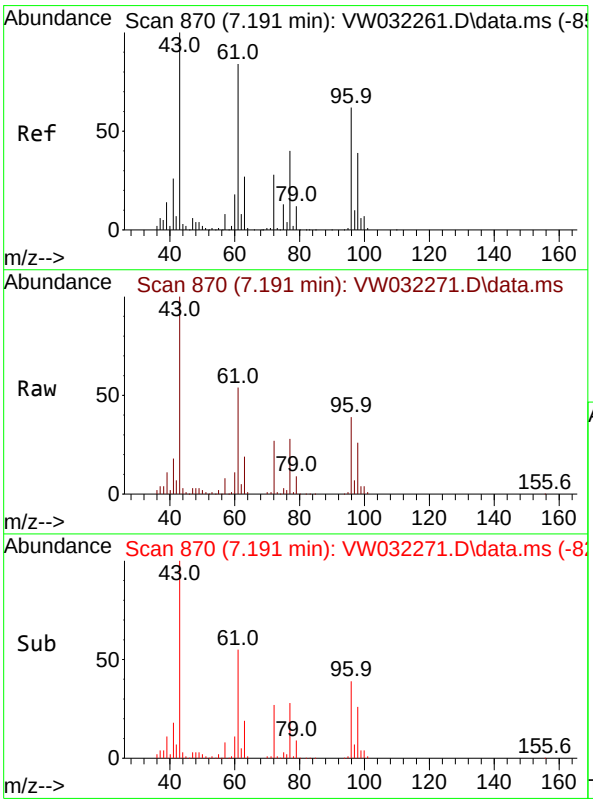
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.9
100	4.4	2.4	7.1



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

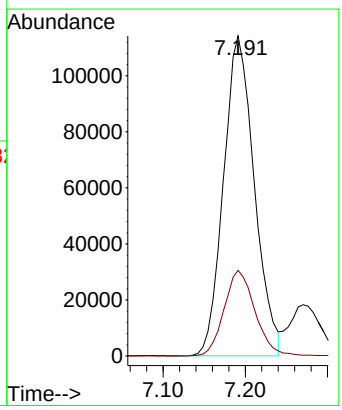
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

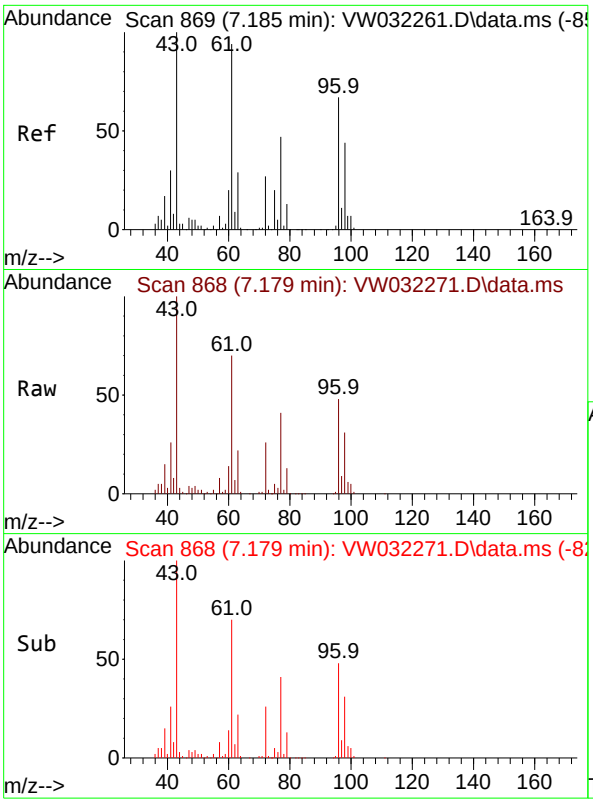


#25
2-Butanone
Concen: 372.960 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 297231

Ion	Ratio	Lower	Upper
43	100		
72	26.8	22.3	33.5

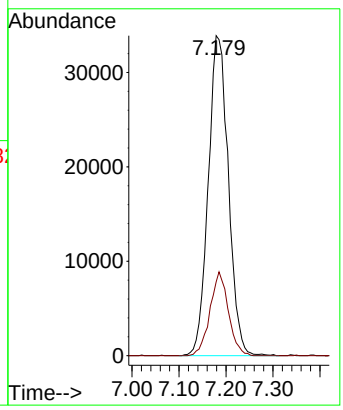




#26
2,2-Dichloropropane
Concen: 56.035 ug/l
RT: 7.179 min Scan# 8
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 77 Resp: 10066

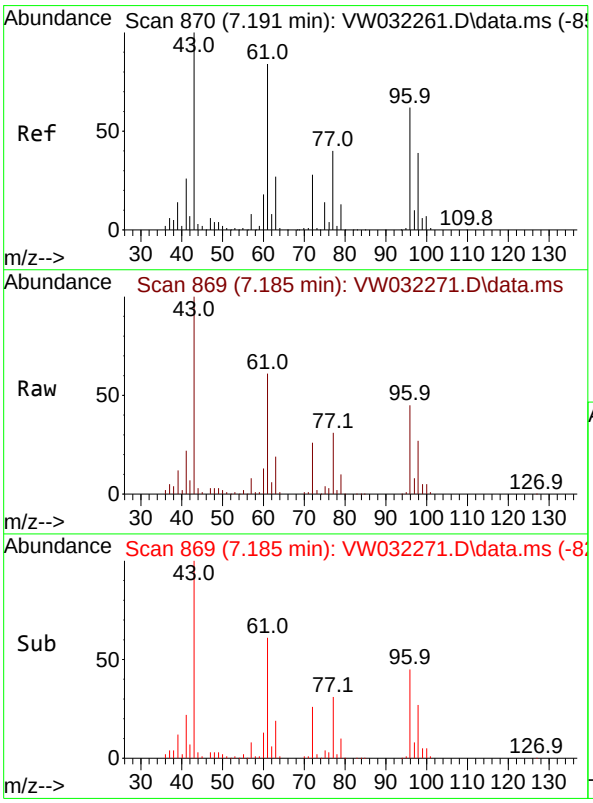
Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.7	35.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

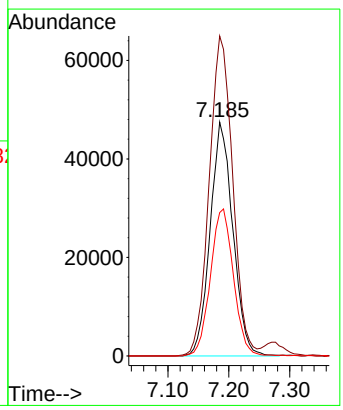
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

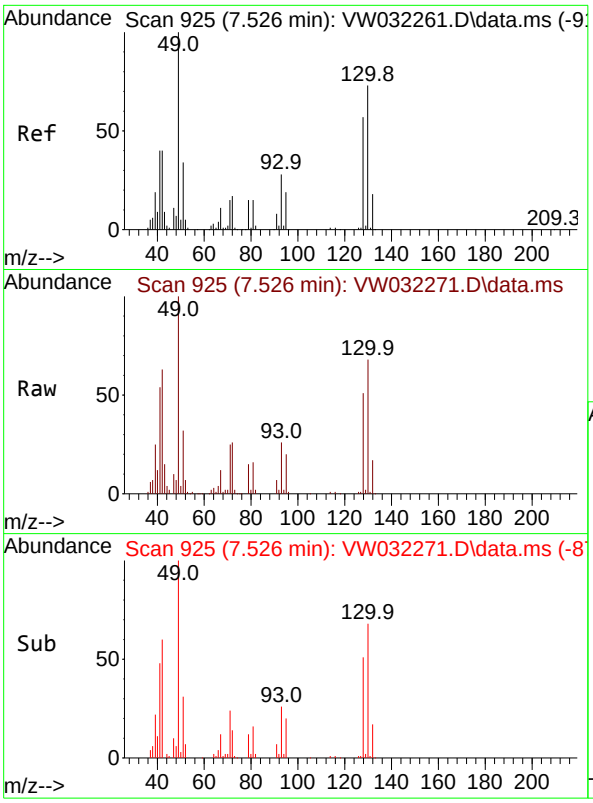


#27
cis-1,2-Dichloroethene
Concen: 54.707 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 96 Resp: 122869

Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	281.8
98	63.9	0.0	130.8

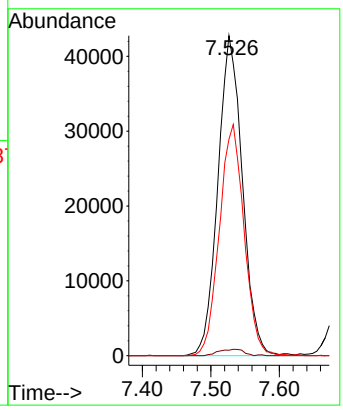




#28
Bromochloromethane
Concen: 60.914 ug/l
RT: 7.526 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 49 Resp: 10596

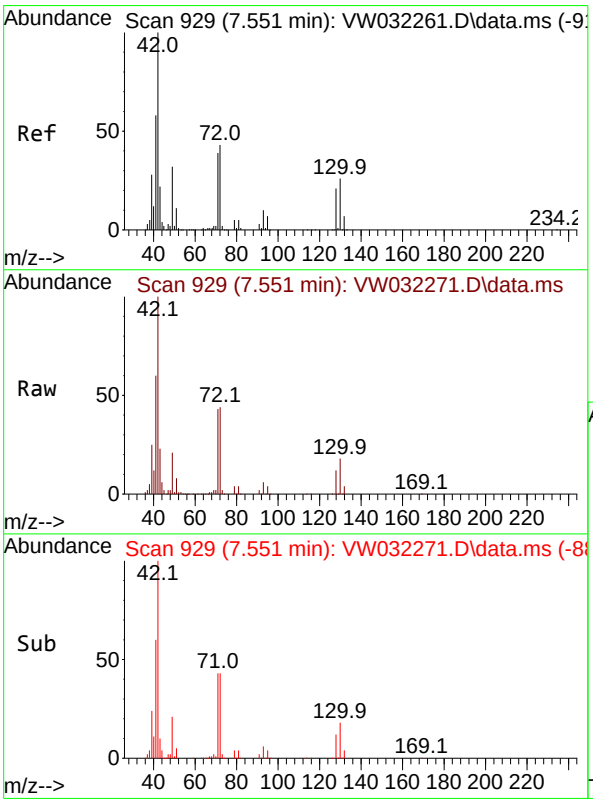
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.2
130	72.8	0.0	0.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

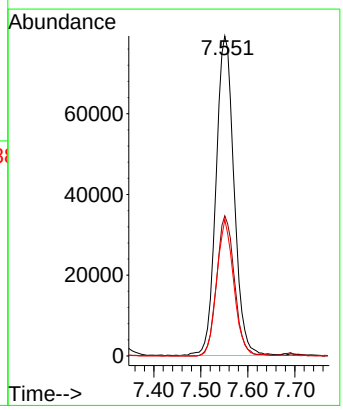
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

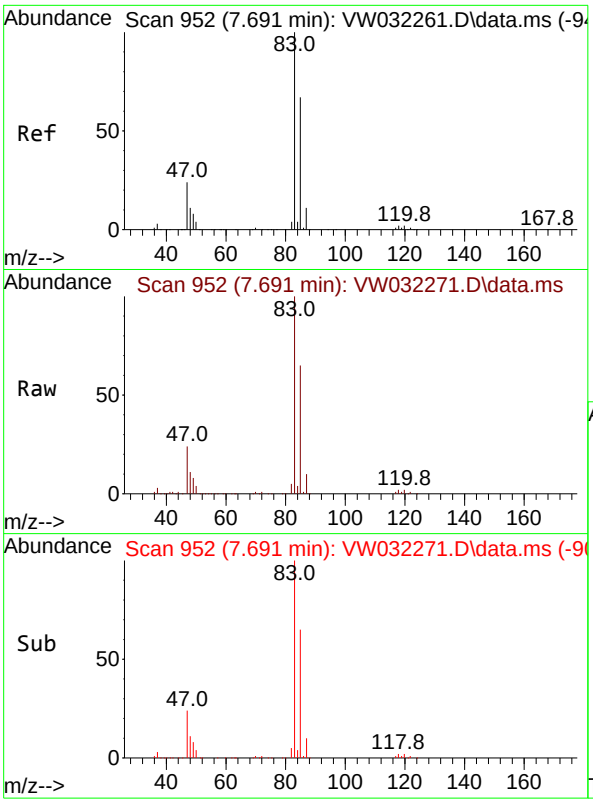


#29
Tetrahydrofuran
Concen: 408.566 ug/l
RT: 7.551 min Scan# 929
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 42 Resp: 211385

Ion	Ratio	Lower	Upper
42	100		
72	43.4	35.1	52.7
71	40.6	33.3	49.9

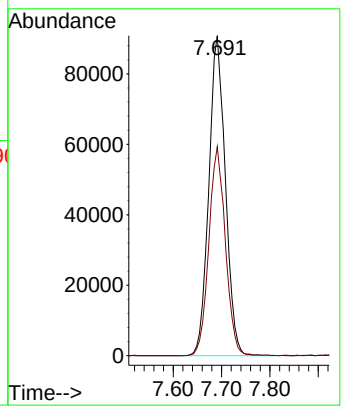




#30
Chloroform
Concen: 56.695 ug/l
RT: 7.691 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 83 Resp: 21565

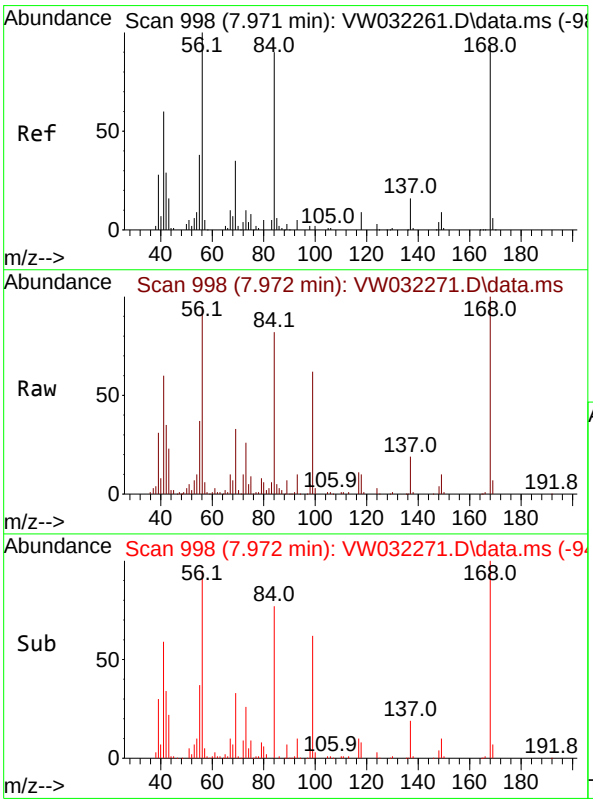
Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.3	79.9



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

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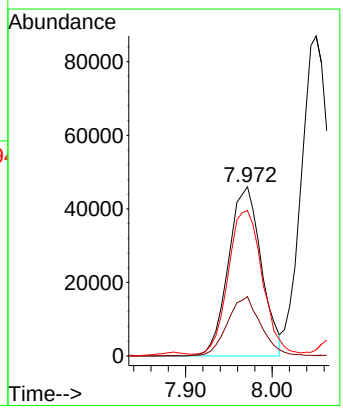
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

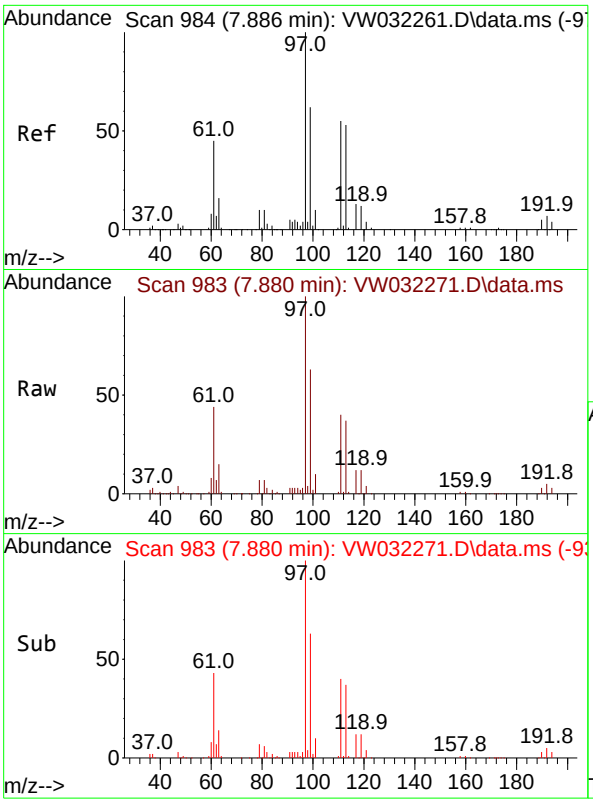


#31
Cyclohexane
Concen: 42.193 ug/l
RT: 7.972 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 56 Resp: 121292

Ion	Ratio	Lower	Upper
56	100		
69	34.9	28.2	42.2
84	84.1	71.8	107.6





#32
1,1,1-Trichloroethane
Concen: 54.599 ug/l
RT: 7.880 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

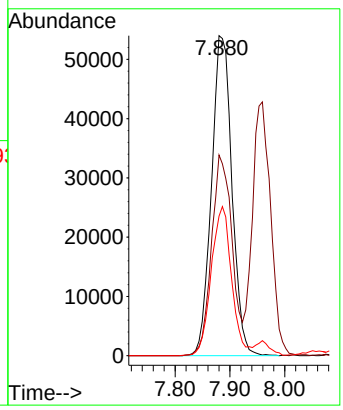
Tgt Ion: 97 Resp: 13991

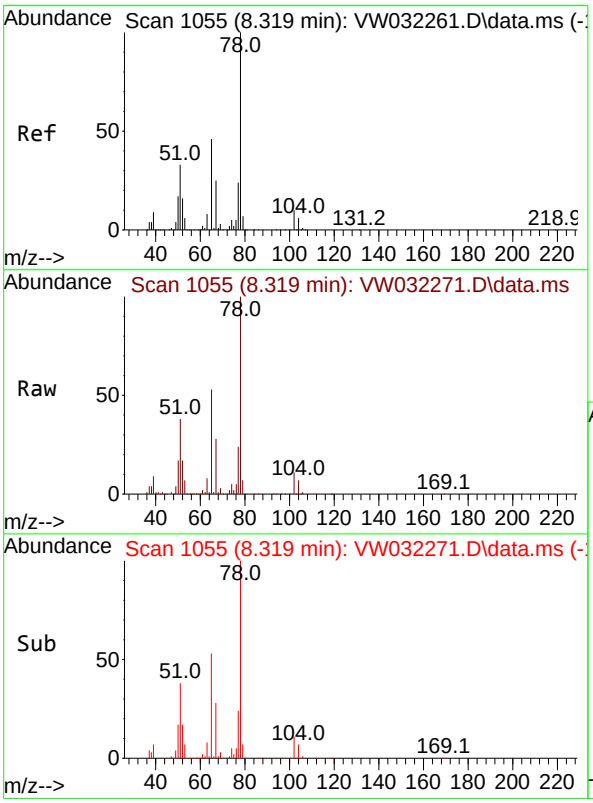
Ion	Ratio	Lower	Upper
97	100		
99	62.8	50.6	76.0
61	46.6	36.2	54.4

Instrument :
MSVOA_W
ClientSampleId :
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

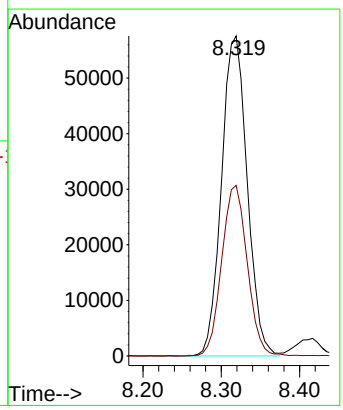


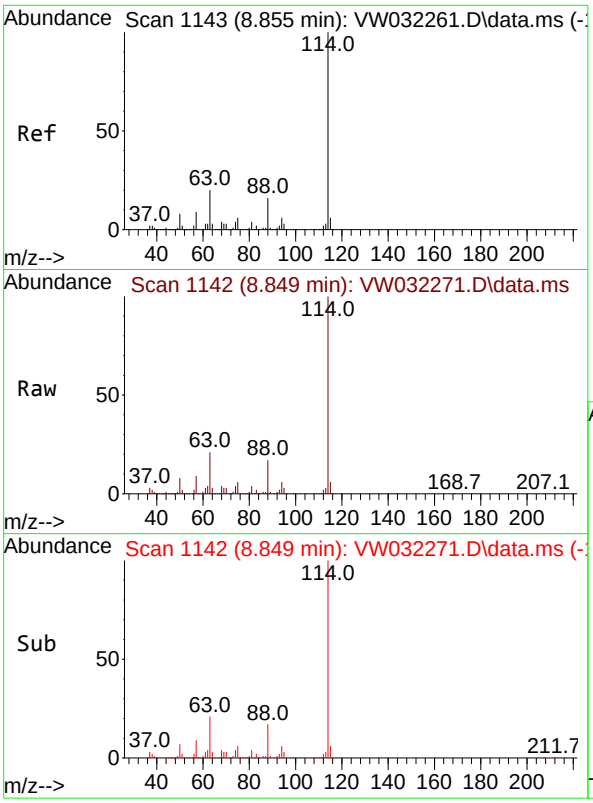


#33
1,2-Dichloroethane-d4
Concen: 58.994 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 65 Resp: 131342

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.8

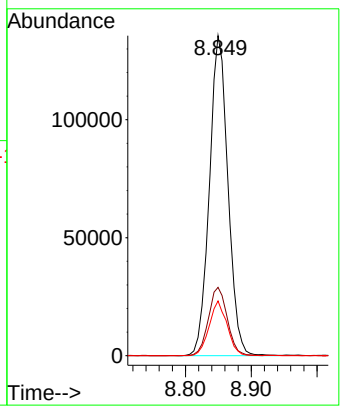




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:114 Resp: 26628

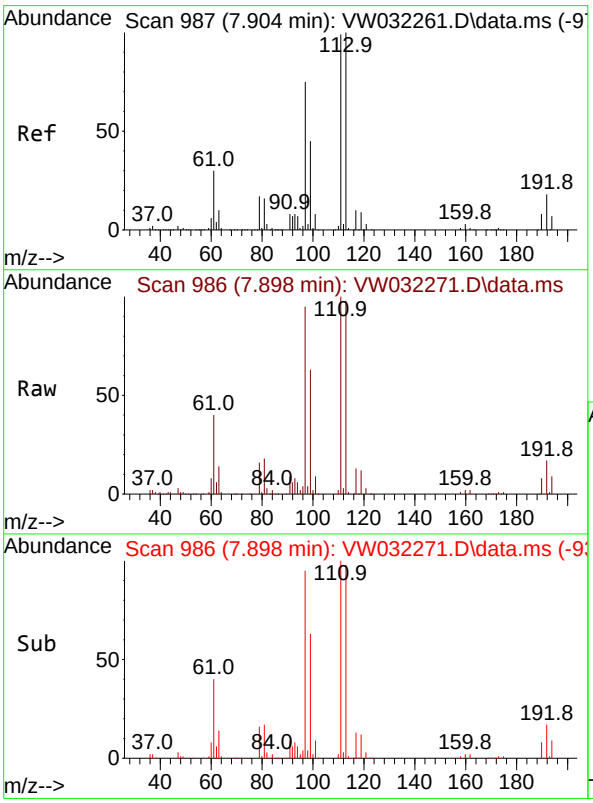
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	40.2
88	17.1	0.0	32.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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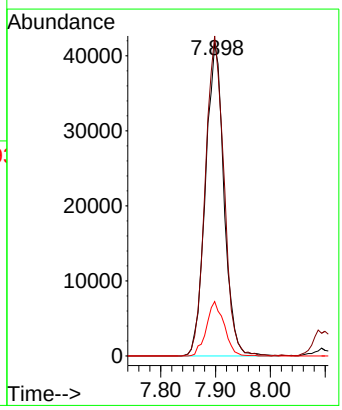
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

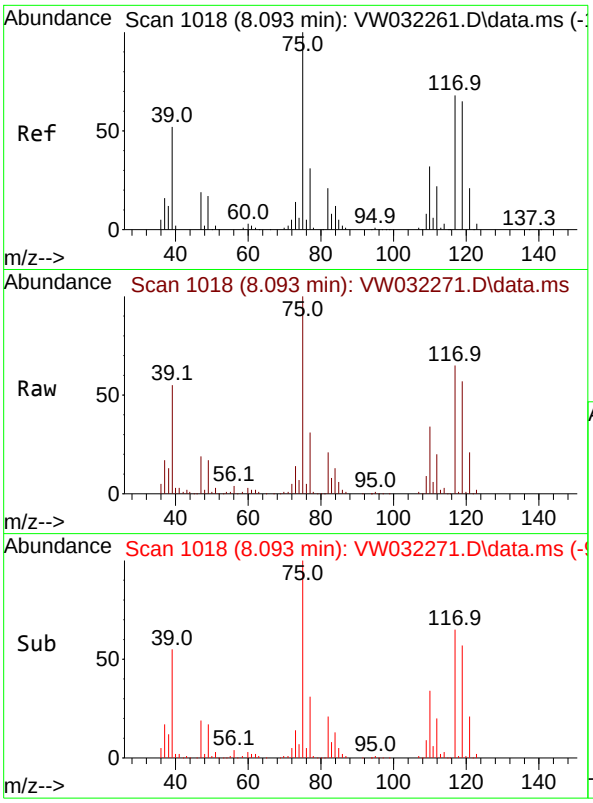


#35
Dibromofluoromethane
Concen: 50.679 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:113 Resp: 97051

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	16.8	13.0	19.4

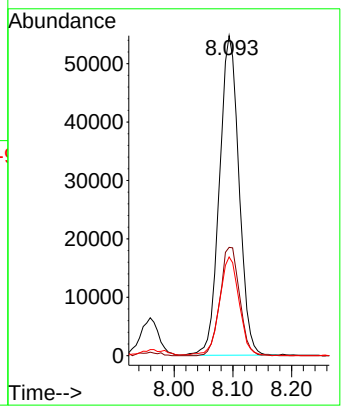




#36
1,1-Dichloropropene
Concen: 48.946 ug/l
RT: 8.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 75 Resp: 12637

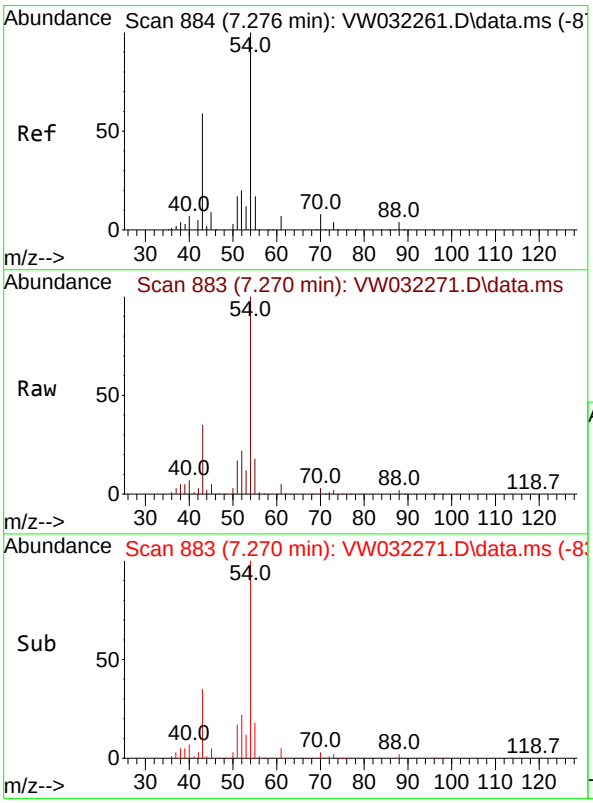
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.1
77	31.0	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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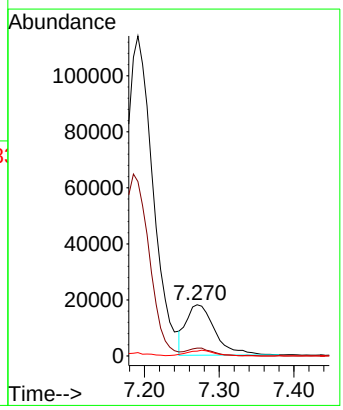
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

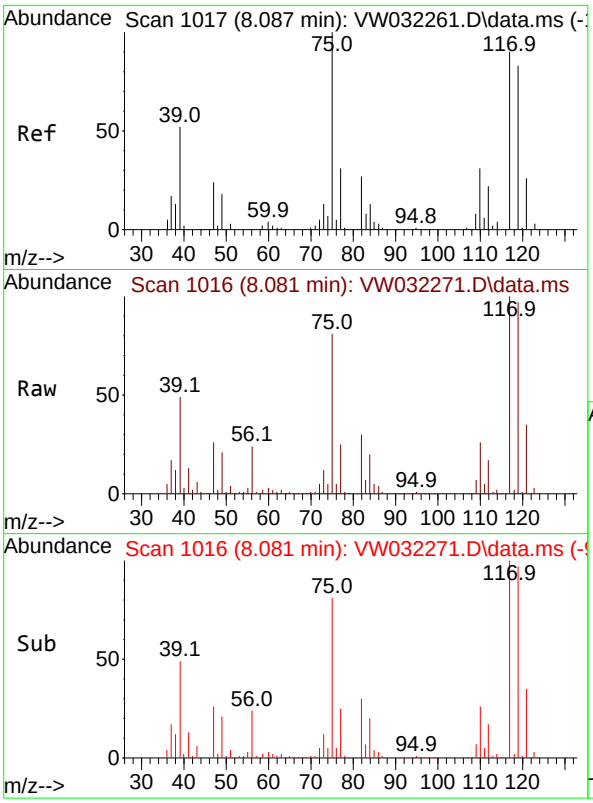


#37
Ethyl Acetate
Concen: 28.139 ug/l
RT: 7.270 min Scan# 883
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 48182

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.5	15.7
70	11.1	8.5	12.7

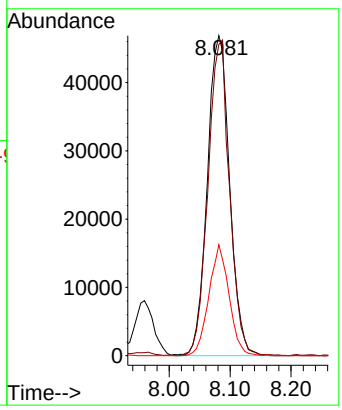




#38
Carbon Tetrachloride
Concen: 49.078 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:117 Resp: 11921

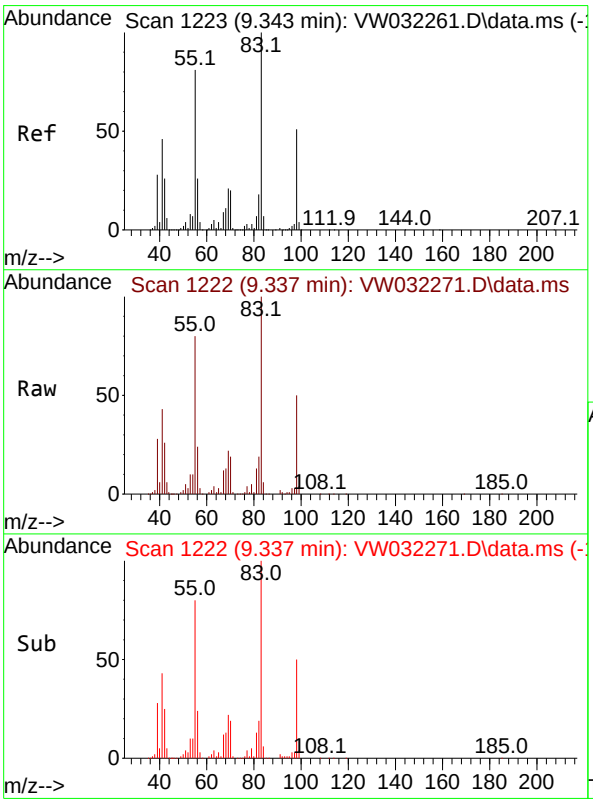
Ion	Ratio	Lower	Upper
117	100		
119	97.3	73.9	110.9
121	34.7	23.0	34.6#



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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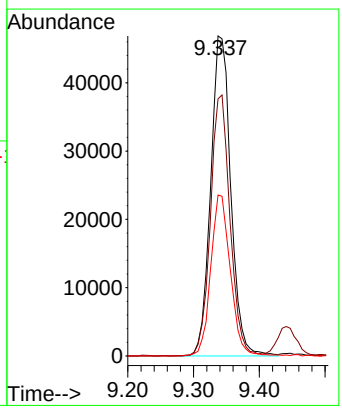
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

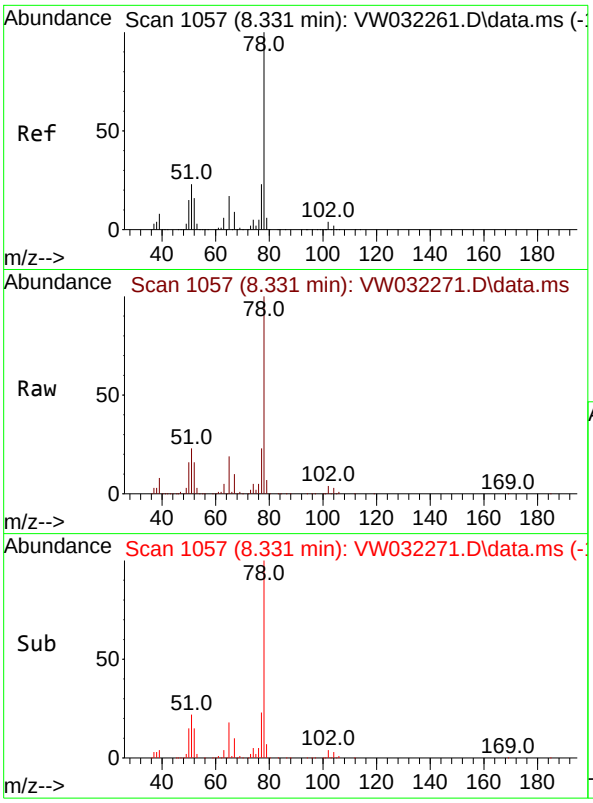


#39
Methylcyclohexane
Concen: 33.434 ug/l
RT: 9.337 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 83 Resp: 99881

Ion	Ratio	Lower	Upper
83	100		
55	80.2	65.0	97.6
98	50.3	40.8	61.2





#40
Benzene
Concen: 52.146 ug/l
RT: 8.331 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

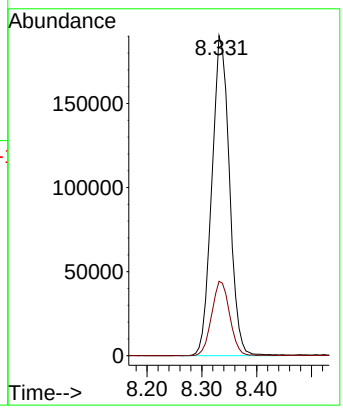
Tgt Ion: 78 Resp: 42377(

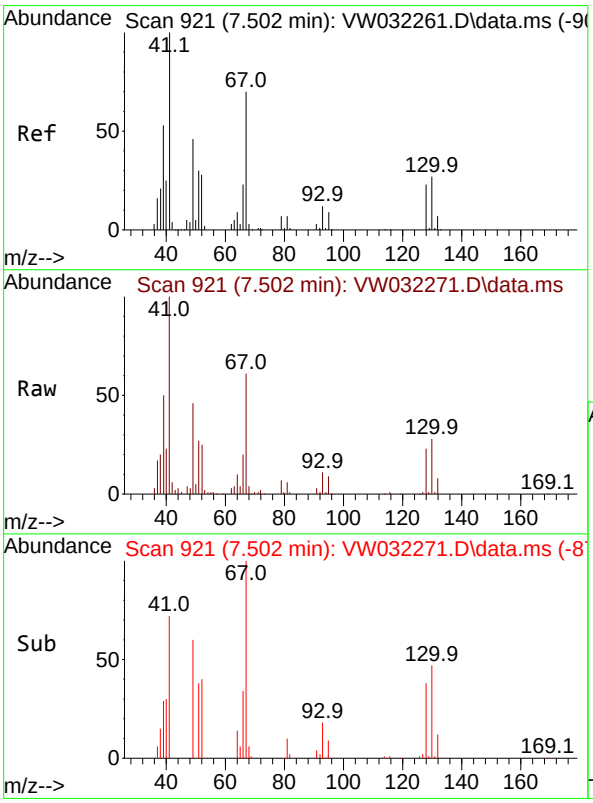
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.7	28.1

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

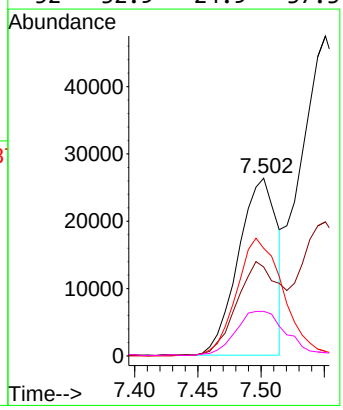


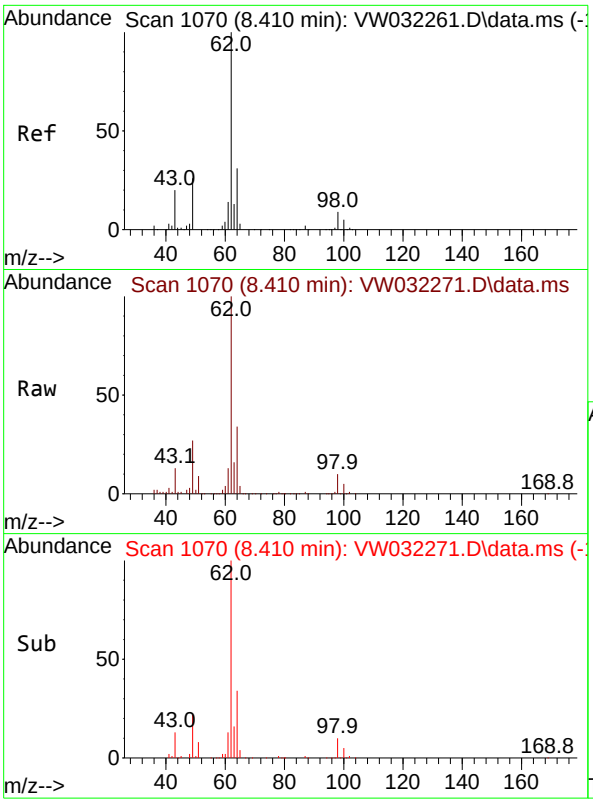


#41
Methacrylonitrile
Concen: 56.883 ug/l
RT: 7.502 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 41 Resp: 55784

Ion	Ratio	Lower	Upper
41	100		
39	61.6	46.9	70.3
67	81.5	59.0	88.4
52	32.9	24.9	37.3

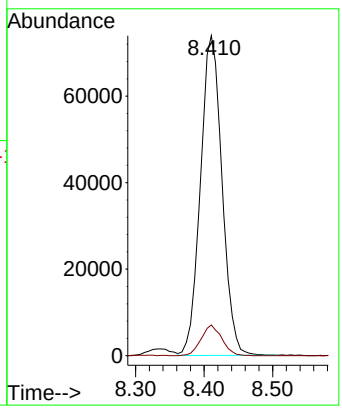




#42
1,2-Dichloroethane
Concen: 59.988 ug/l
RT: 8.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 62 Resp: 16204

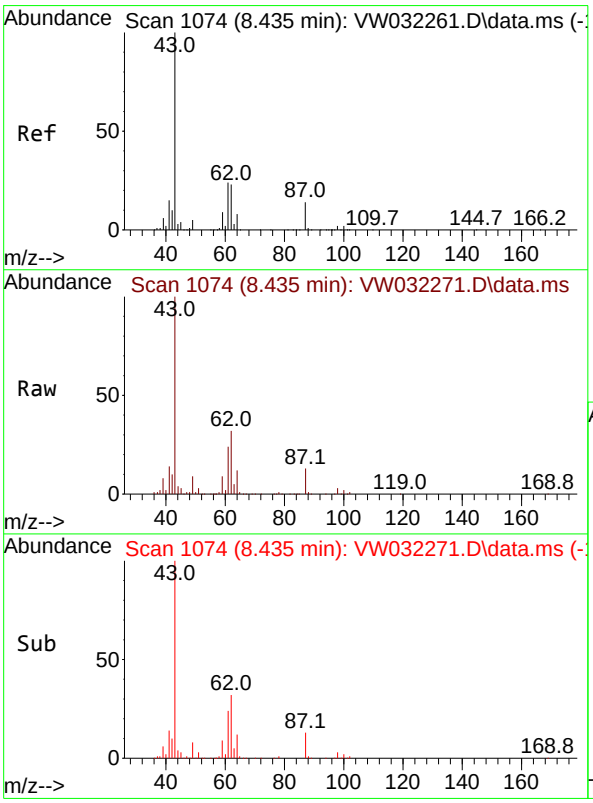
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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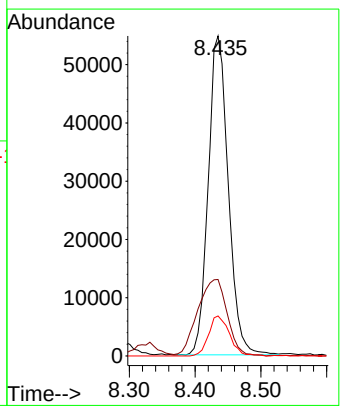
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

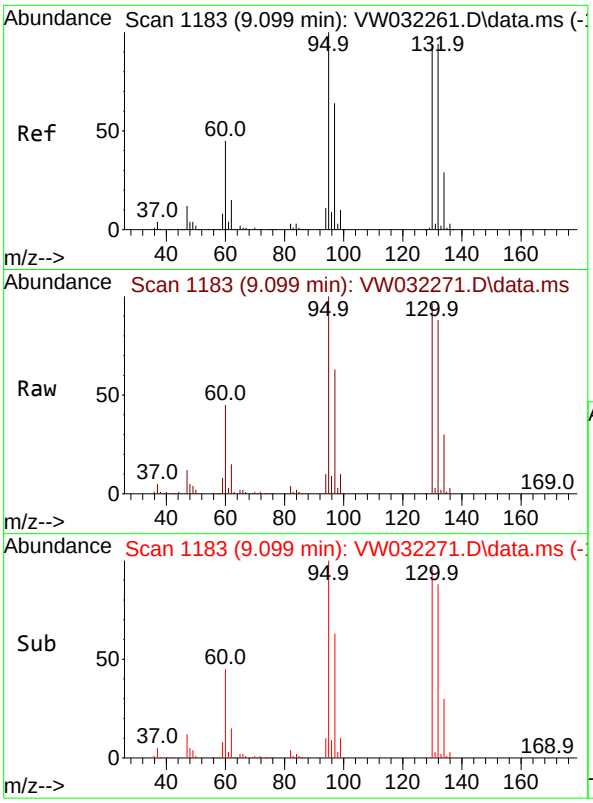


#43
Isopropyl Acetate
Concen: 37.991 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 116448

Ion	Ratio	Lower	Upper
43	100		
61	35.2	24.2	36.2
87	13.0	10.6	16.0

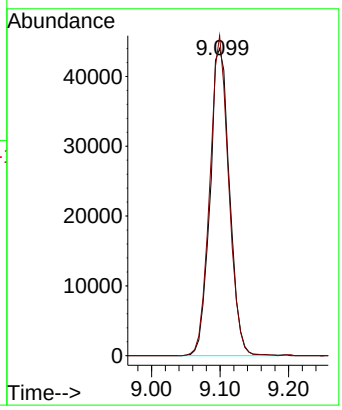




#44
Trichloroethene
Concen: 45.866 ug/l
RT: 9.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:130 Resp: 8712

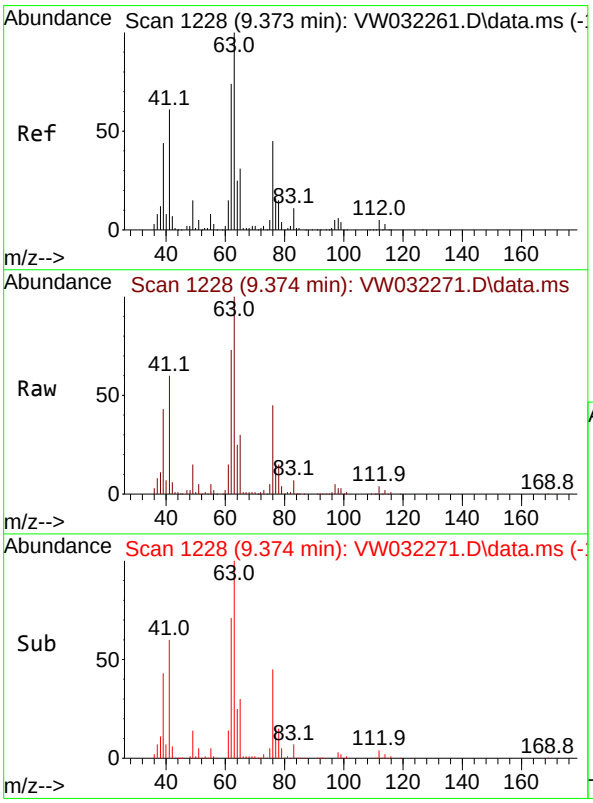
Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	215.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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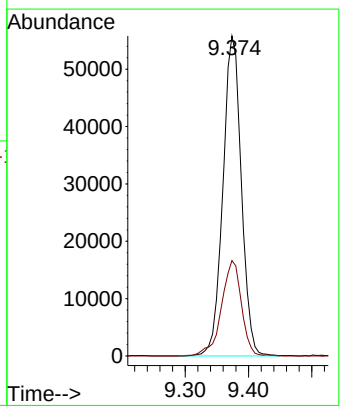
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

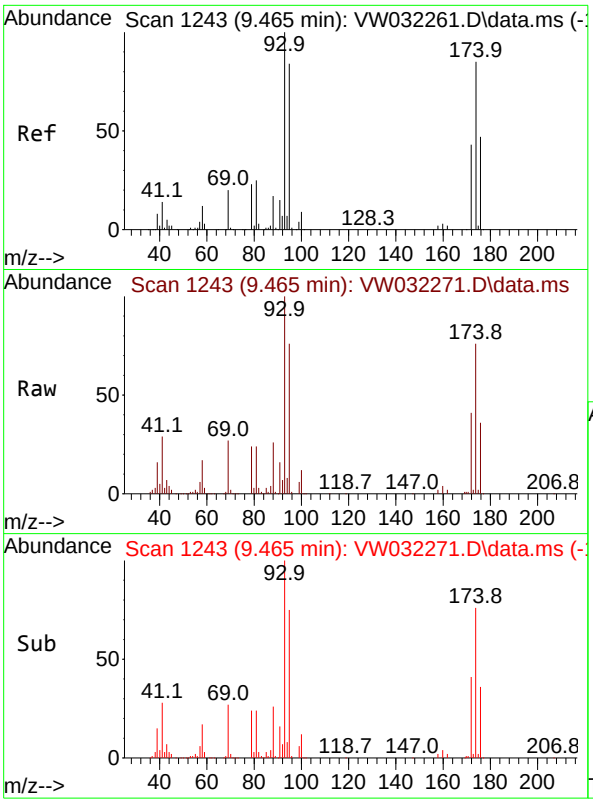


#45
1,2-Dichloropropane
Concen: 53.524 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 63 Resp: 112658

Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.9	37.3

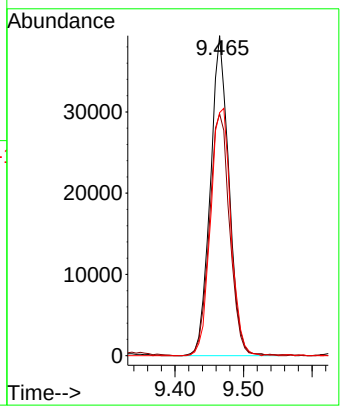




#46
Dibromomethane
Concen: 57.550 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 93 Resp: 7447

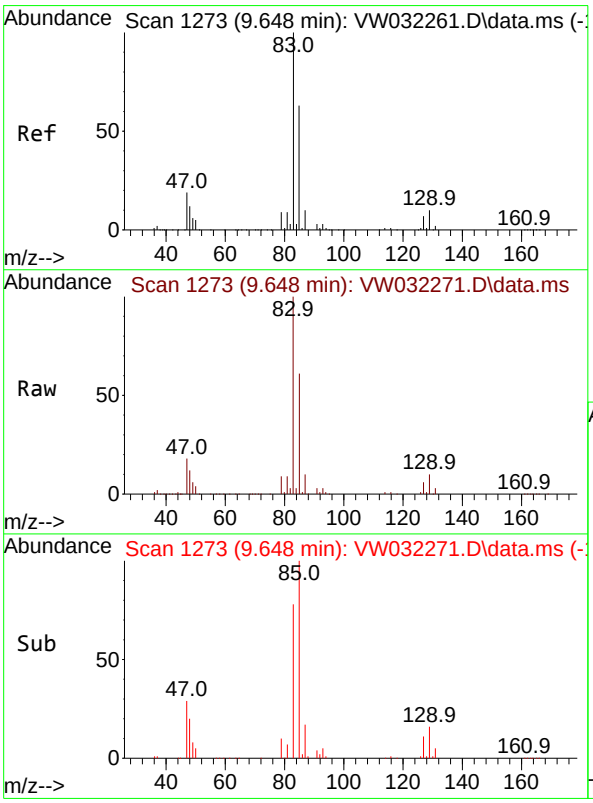
Ion	Ratio	Lower	Upper
93	100		
95	81.9	66.6	99.8
174	84.1	69.0	103.6



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

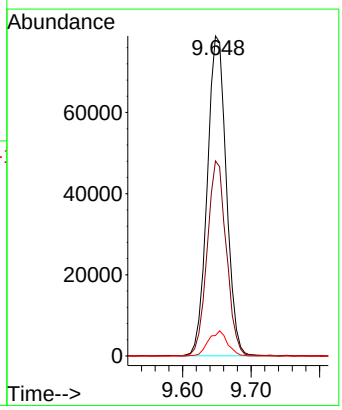
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

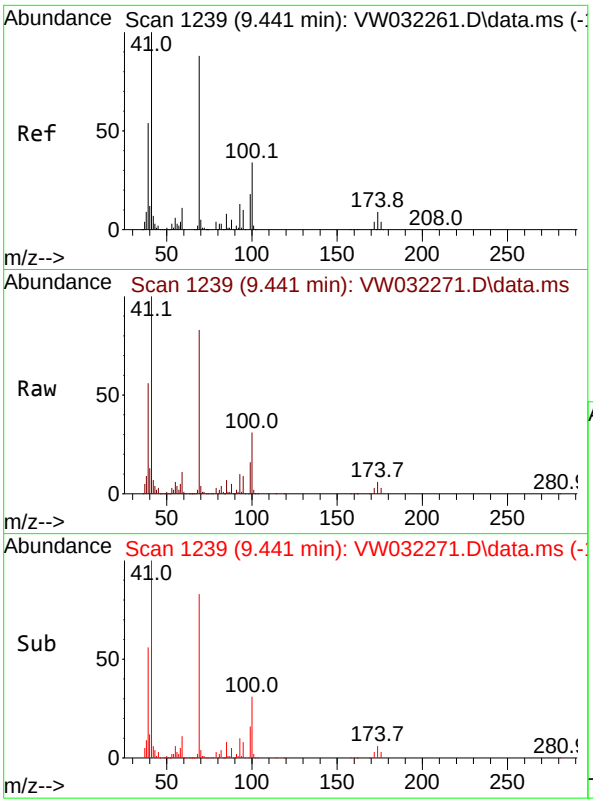


#47
Bromodichloromethane
Concen: 51.452 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 83 Resp: 151865

Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.3	75.5
127	6.4	5.6	8.4





#48
Methyl methacrylate
Concen: 86.067 ug/l
RT: 9.441 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

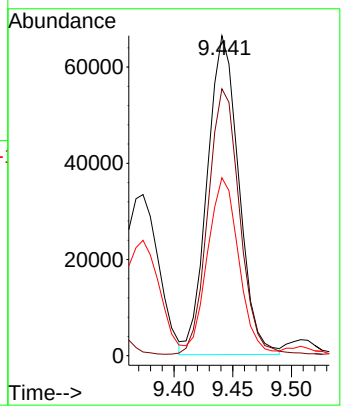
Tgt Ion: 41 Resp: 12411

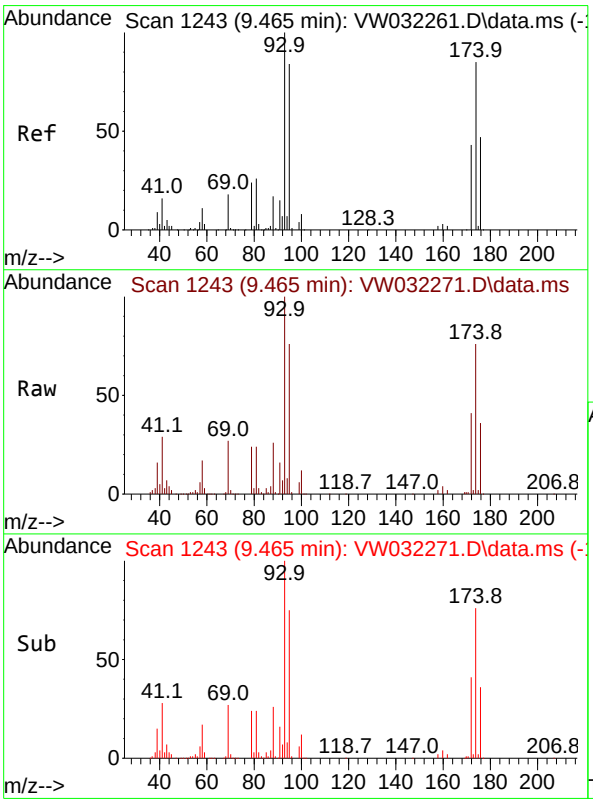
Ion	Ratio	Lower	Upper
41	100		
69	83.2	71.4	107.0
39	54.8	46.9	70.3

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

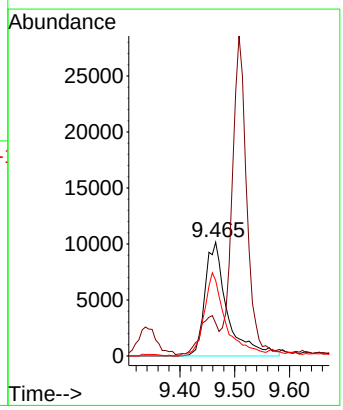


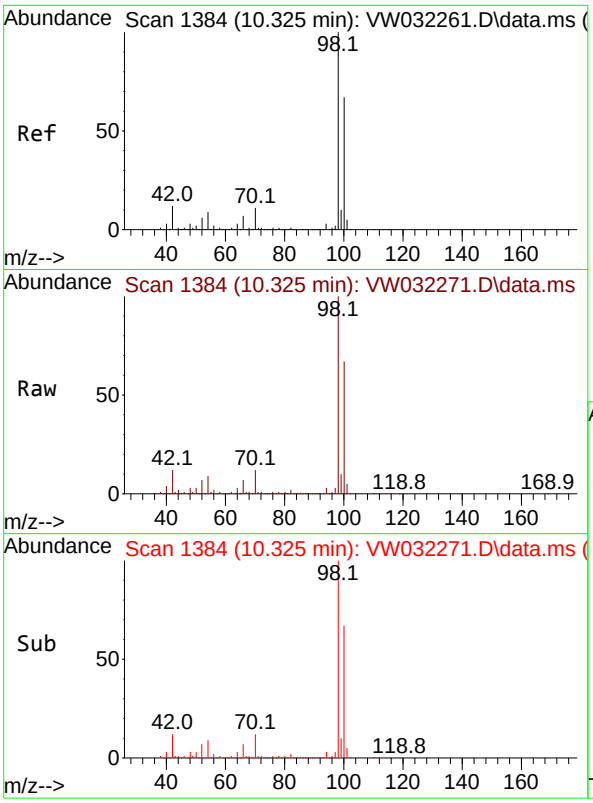


#49
1,4-Dioxane
Concen: 1650.441 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 88 Resp: 28605

Ion	Ratio	Lower	Upper
88	100		
43	25.9	0.0	0.0#
58	70.7	62.9	94.3





#50
Toluene-d8
Concen: 39.423 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

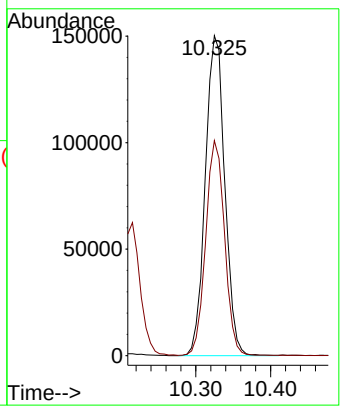
Tgt Ion: 98 Resp: 27208

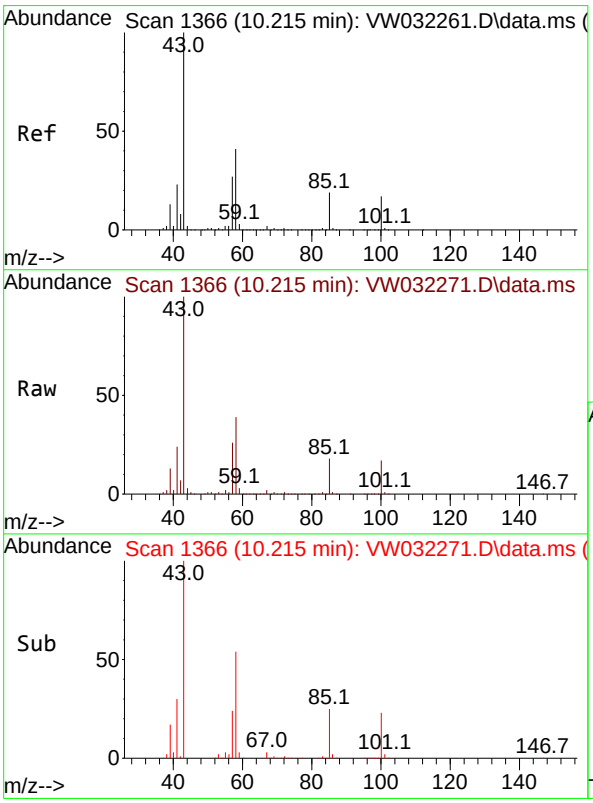
Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.0	79.4

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

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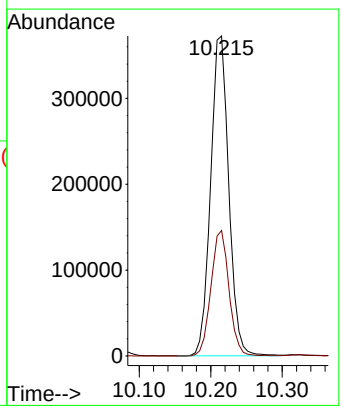


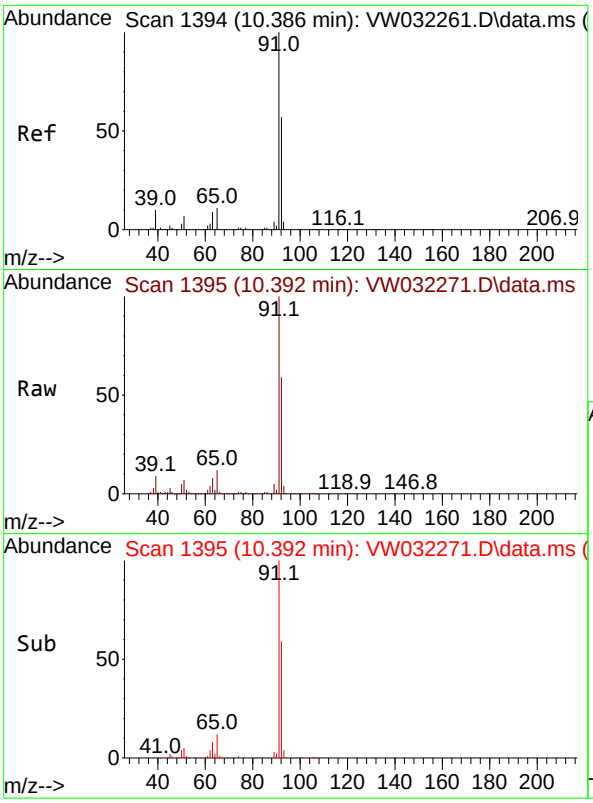


#51
4-Methyl-2-Pentanone
Concen: 361.151 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 656336

Ion	Ratio	Lower	Upper
43	100		
58	39.1	32.3	48.5

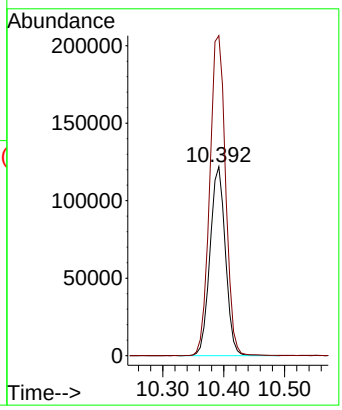




#52
Toluene
Concen: 42.519 ug/l
RT: 10.392 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 92 Resp: 21416

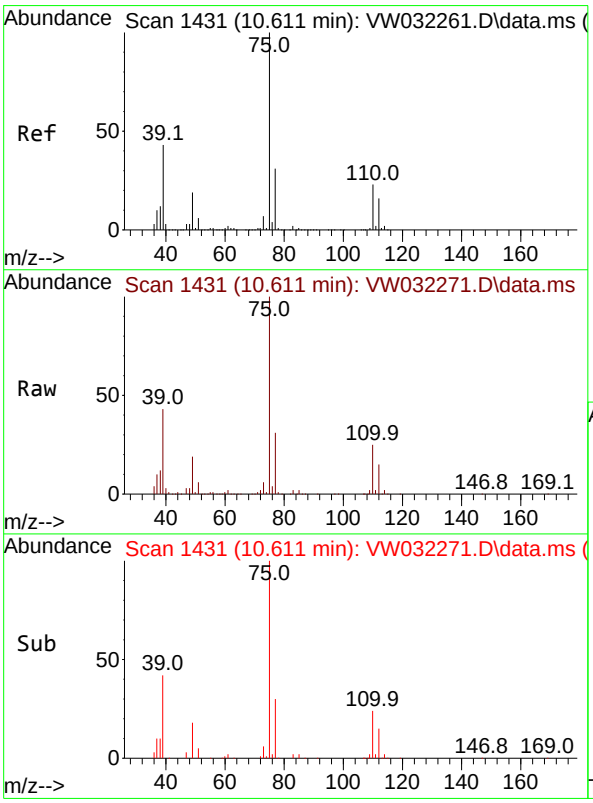
Ion	Ratio	Lower	Upper
92	100		
91	174.1	139.2	208.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

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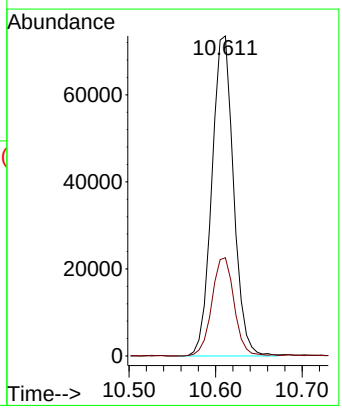
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

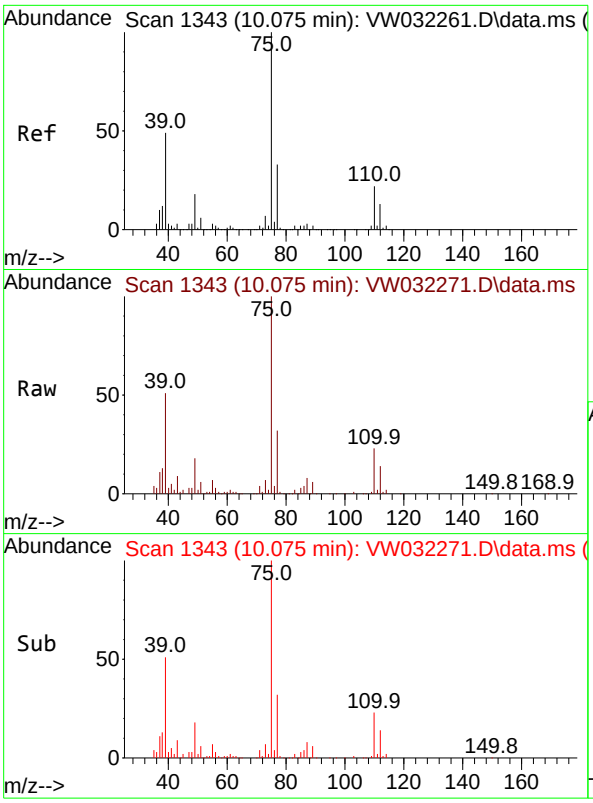


#53
t-1,3-Dichloropropene
Concen: 47.329 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 75 Resp: 127989

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	37.0





#54
cis-1,3-Dichloropropene
Concen: 45.987 ug/l
RT: 10.075 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

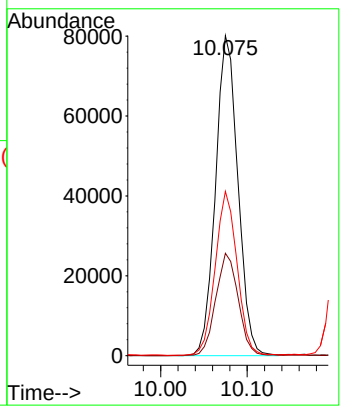
Tgt Ion: 75 Resp: 14357

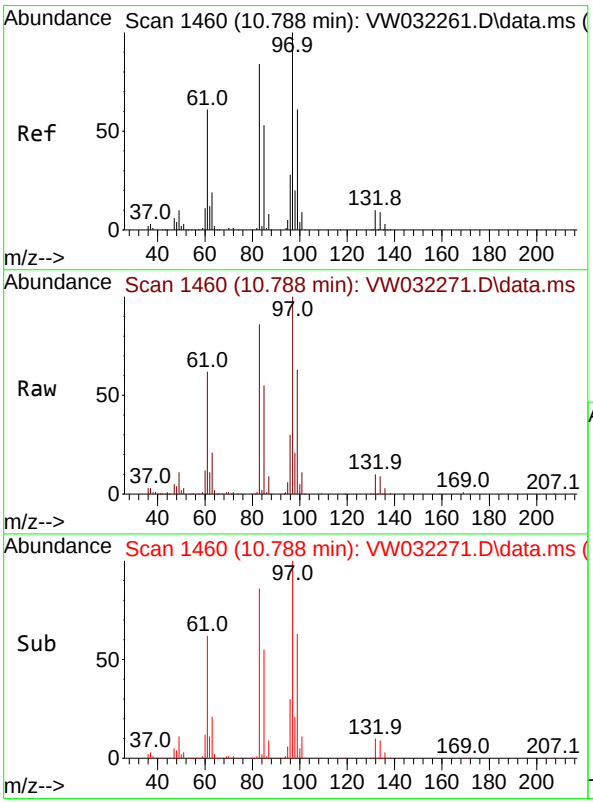
Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.2	39.4
39	51.2	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
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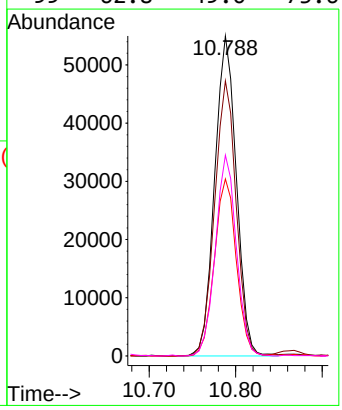


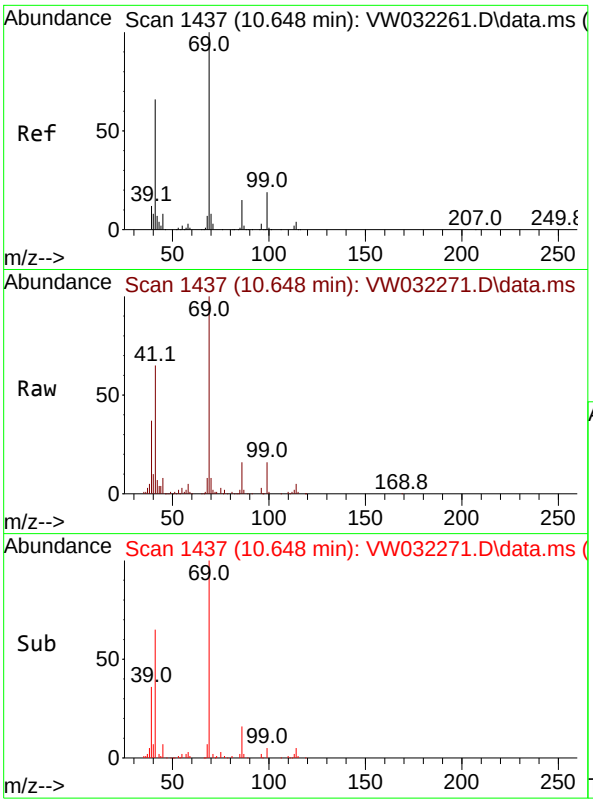


#55
1,1,2-Trichloroethane
Concen: 54.119 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 97 Resp: 95597

Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.4	101.2
85	55.3	42.0	63.0
99	62.8	49.0	73.6

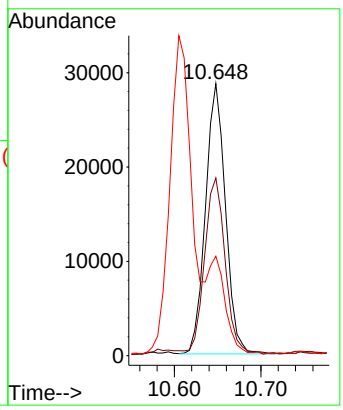




#56
Ethyl methacrylate
Concen: 19.741 ug/l
RT: 10.648 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 69 Resp: 4593

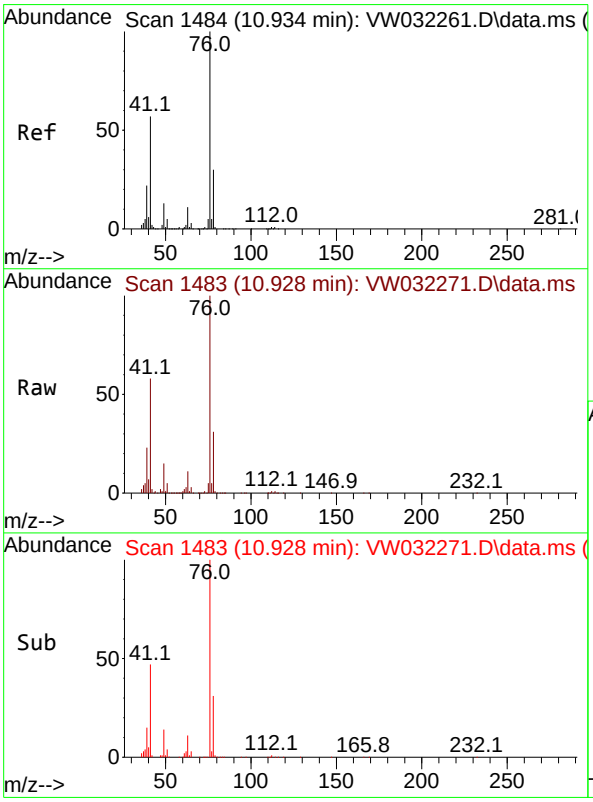
Ion	Ratio	Lower	Upper
69	100		
41	66.1	54.7	82.1
39	29.5	26.3	39.5



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

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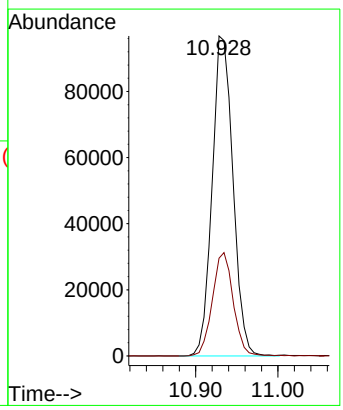
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

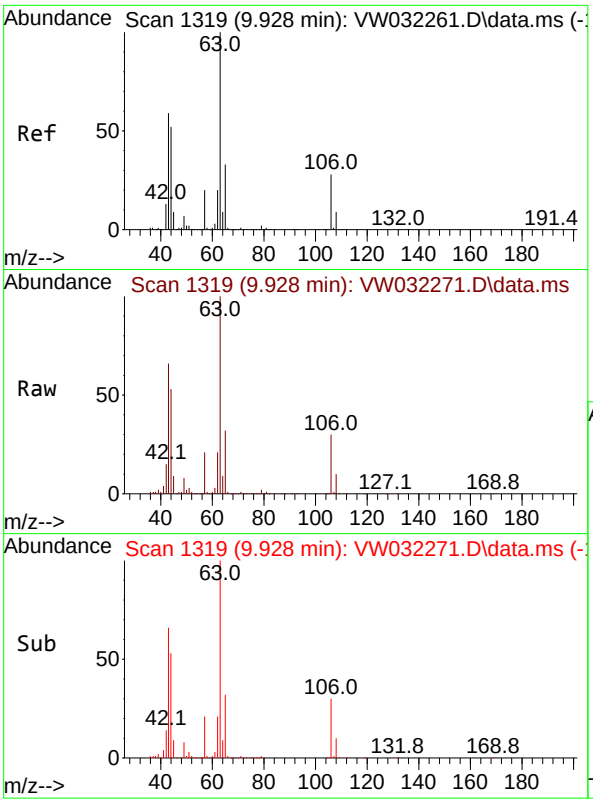


#57
1,3-Dichloropropane
Concen: 55.861 ug/l
RT: 10.928 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 76 Resp: 170464

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.3	37.9

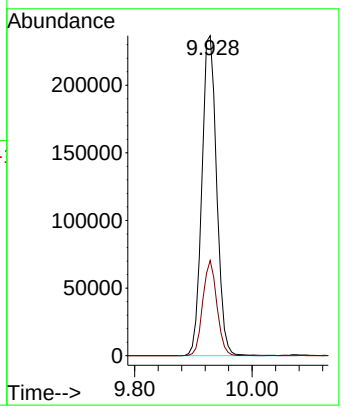




#58
2-Chloroethyl Vinyl ether
Concen: 322.877 ug/l
RT: 9.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 63 Resp: 41240

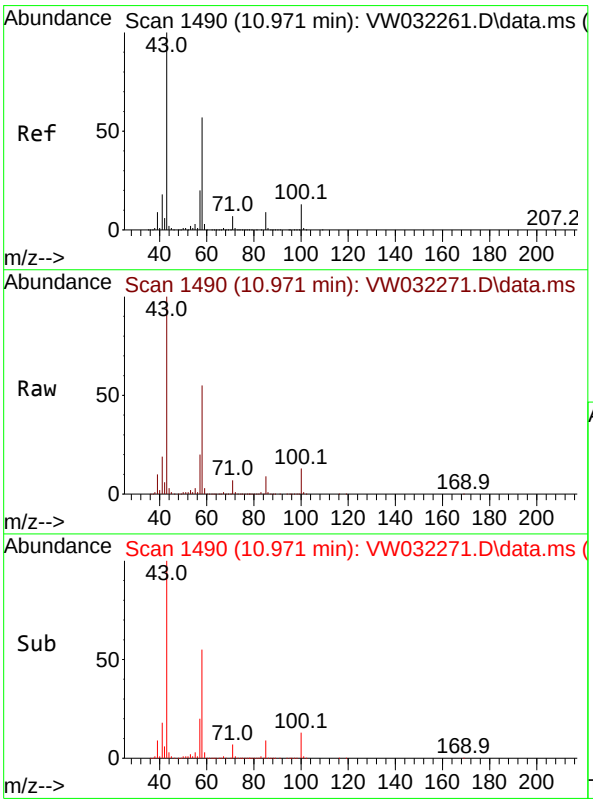
Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.5	33.7



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

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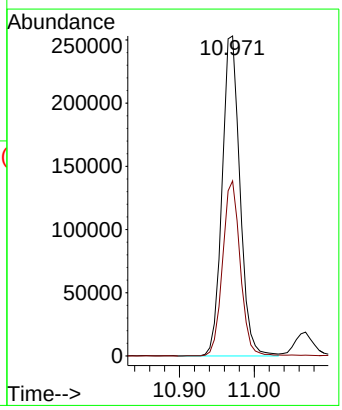
Reviewed By :Mahesh Dadoda 09/29/2025
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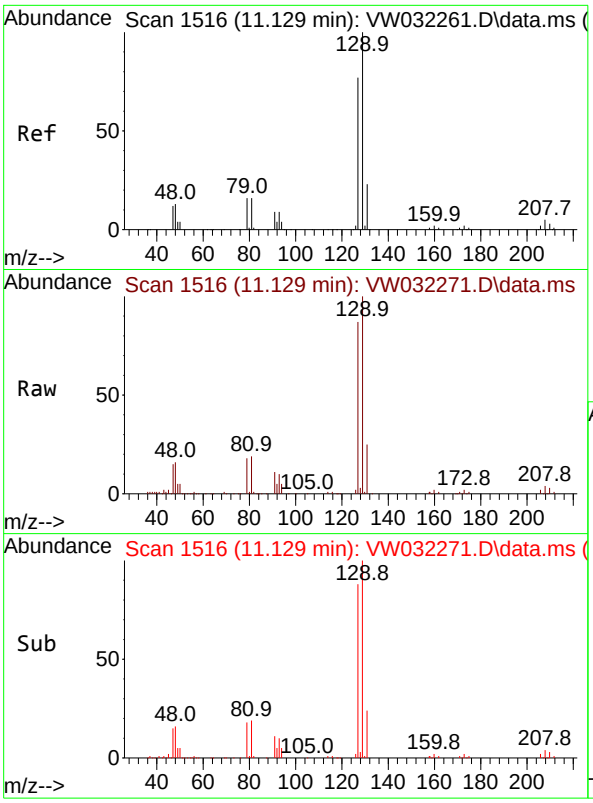


#59
2-Hexanone
Concen: 338.987 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 420700

Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.9	83.6





#60
Dibromochloromethane
Concen: 45.105 ug/l
RT: 11.129 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

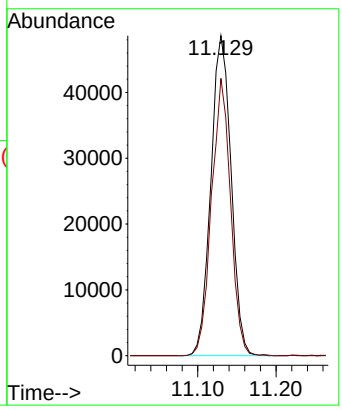
Tgt Ion:129 Resp: 8750

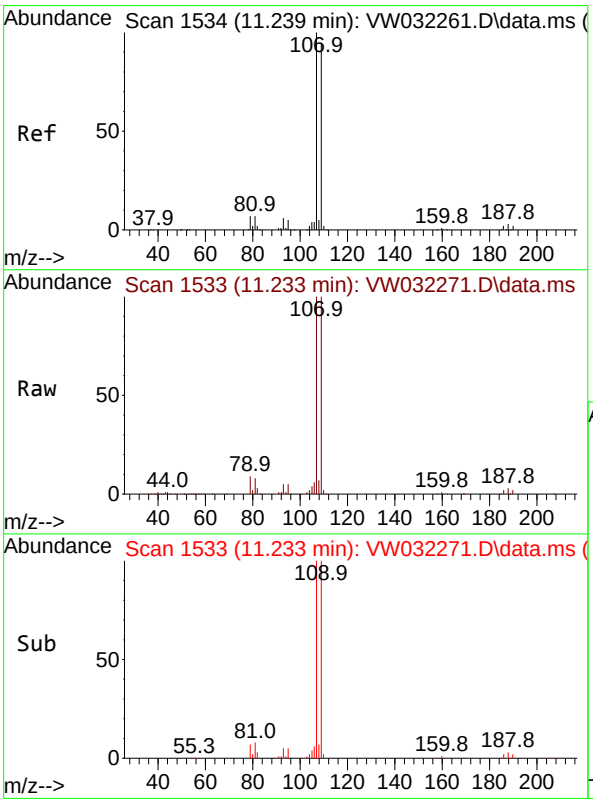
Ion	Ratio	Lower	Upper
129	100		
127	81.2	39.3	117.8

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

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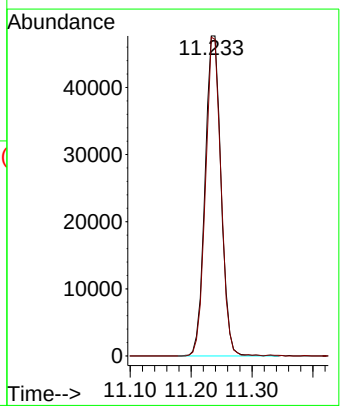


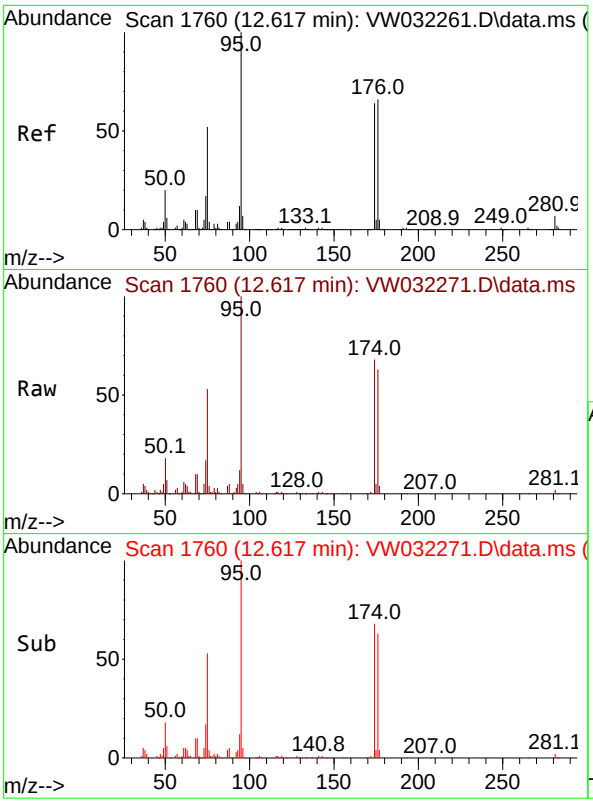


#61
1,2-Dibromoethane
Concen: 51.894 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:107 Resp: 86844

Ion	Ratio	Lower	Upper
107	100		
109	95.9	74.1	111.1





#62
4-Bromofluorobenzene
Concen: 22.994 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

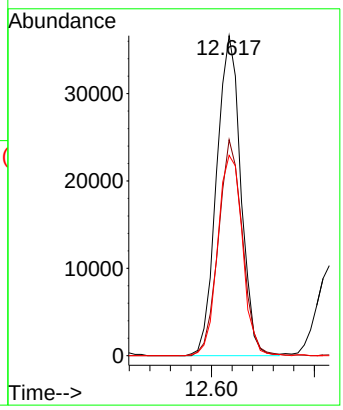
Tgt Ion: 95 Resp: 5986

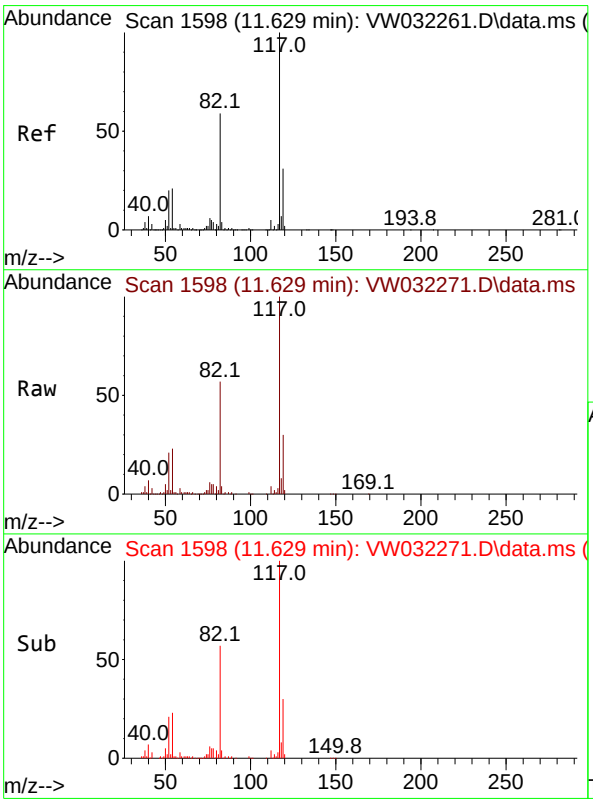
Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	130.6
176	64.1	0.0	127.0

Instrument :
MSVOA_W
ClientSampleId :
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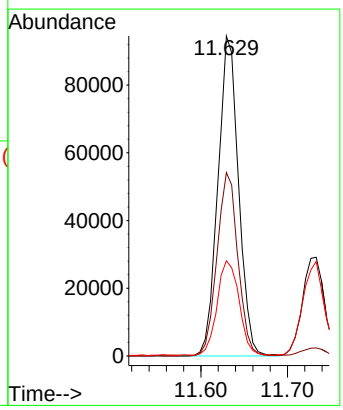


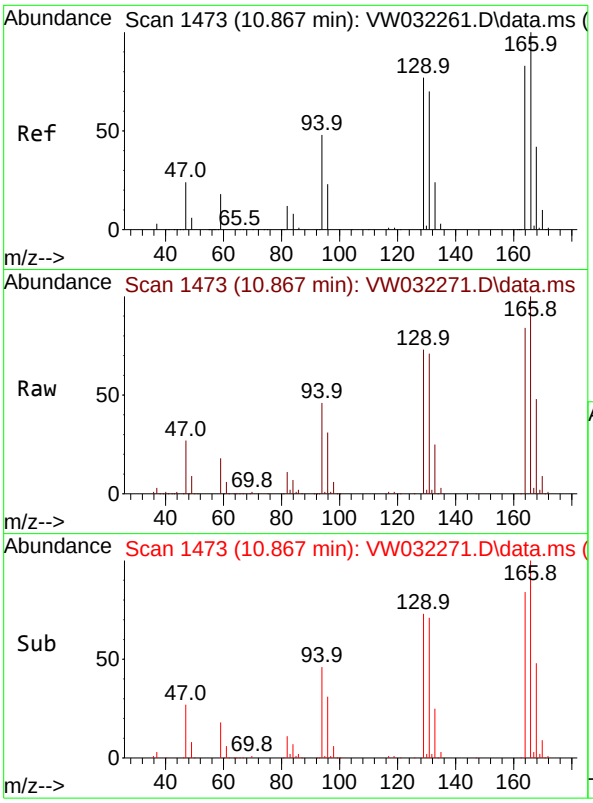


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:117 Resp: 156298

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.9	70.3
119	29.5	24.9	37.3

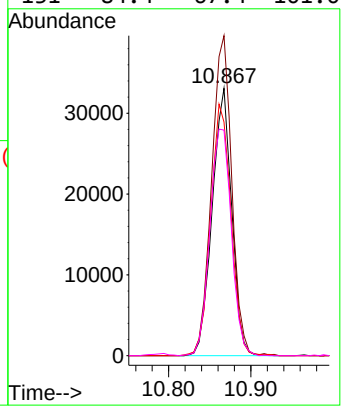




#64
Tetrachloroethene
Concen: 57.282 ug/l
RT: 10.867 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:164 Resp: 5456

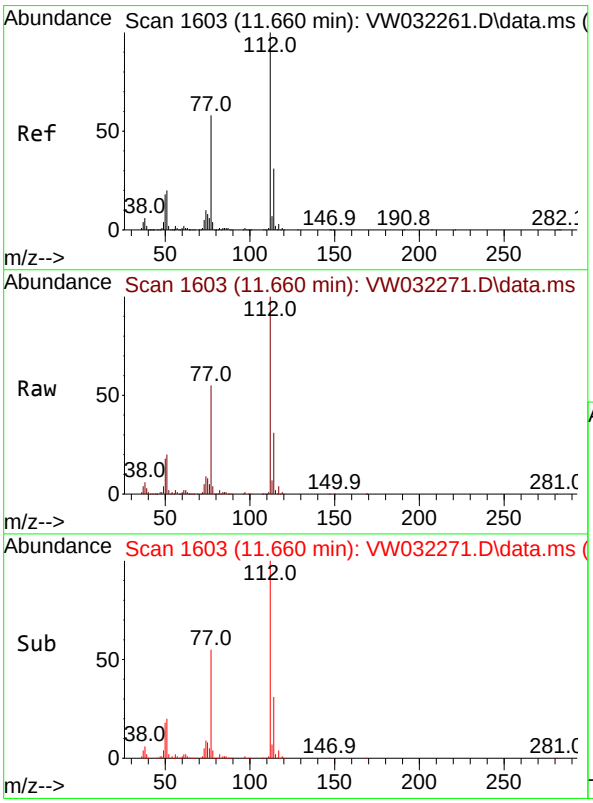
Ion	Ratio	Lower	Upper
164	100		
166	119.7	96.9	145.3
129	87.4	75.0	112.4
131	84.4	67.4	101.0



Instrument :
MSVOA_W
ClientSampleId :
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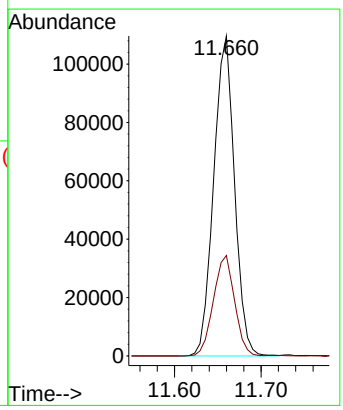
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

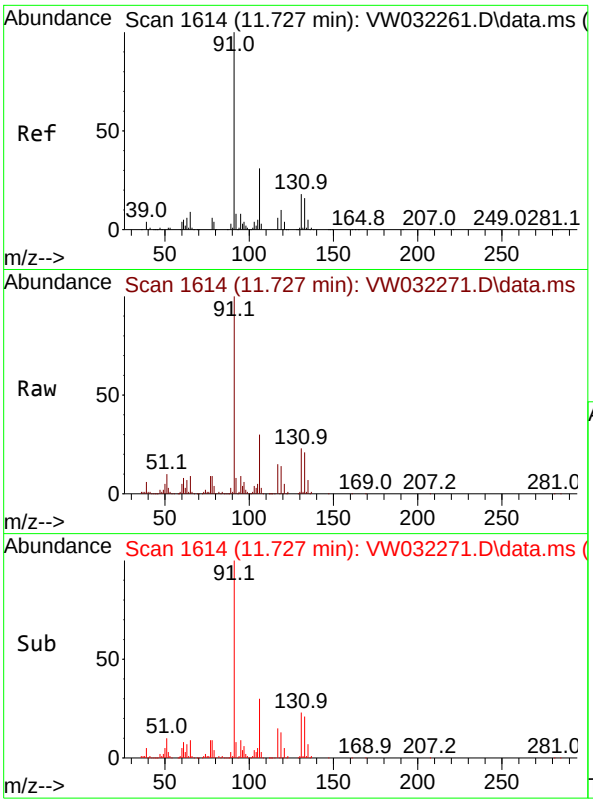


#65
Chlorobenzene
Concen: 50.825 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:112 Resp: 182983

Ion	Ratio	Lower	Upper
112	100		
114	31.4	24.8	37.2

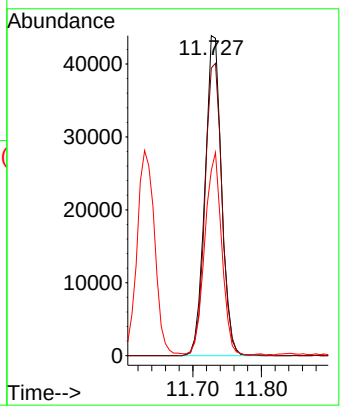




#66
1,1,1,2-Tetrachloroethane
Concen: 64.855 ug/l
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:131 Resp: 7384

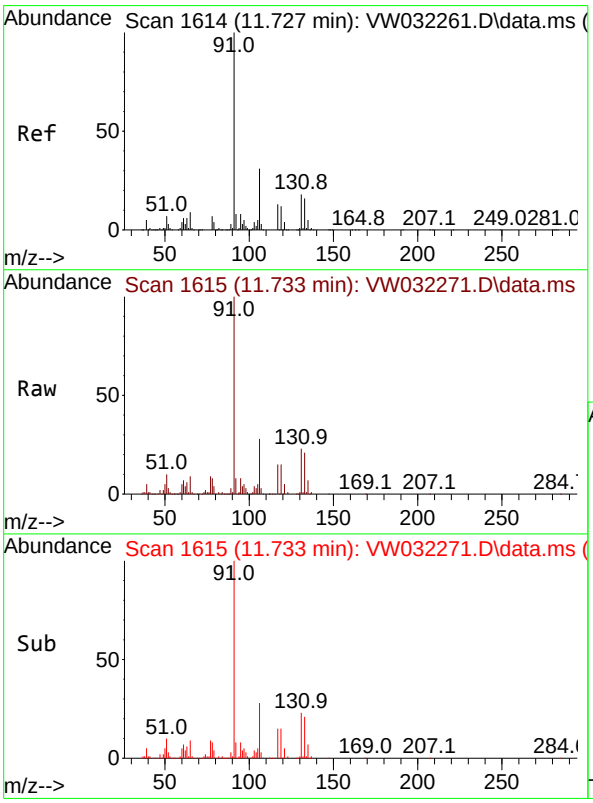
Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.1	141.3
119	64.2	33.9	101.7



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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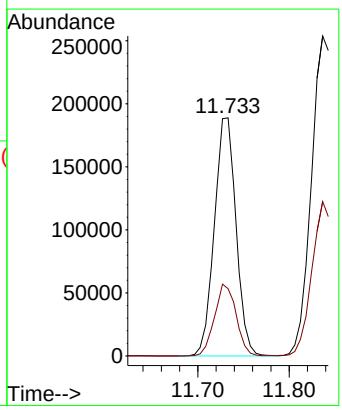
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

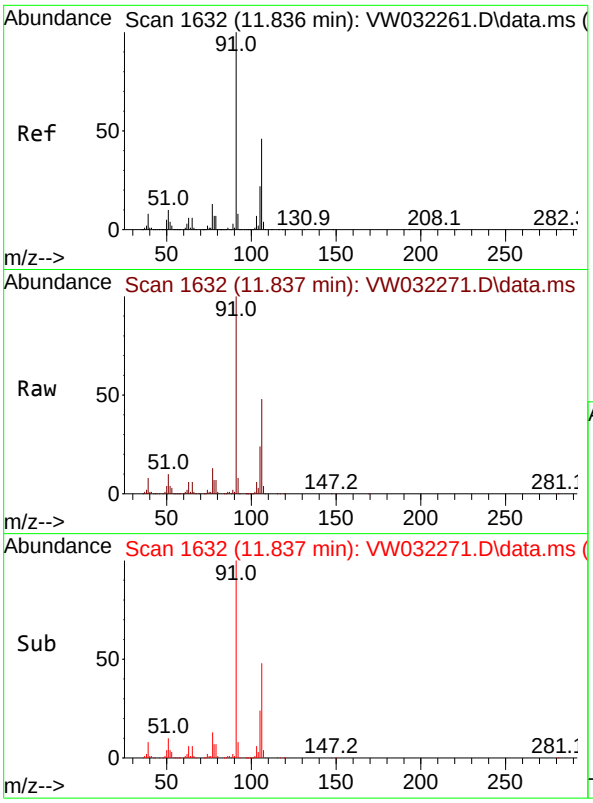


#67
Ethyl Benzene
Concen: 52.954 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 91 Resp: 312051

Ion	Ratio	Lower	Upper
91	100		
106	28.2	24.7	37.1





#68
m/p-Xylenes
Concen: 100.795 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

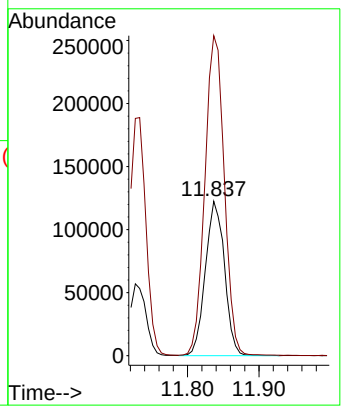
Tgt Ion:106 Resp: 22769

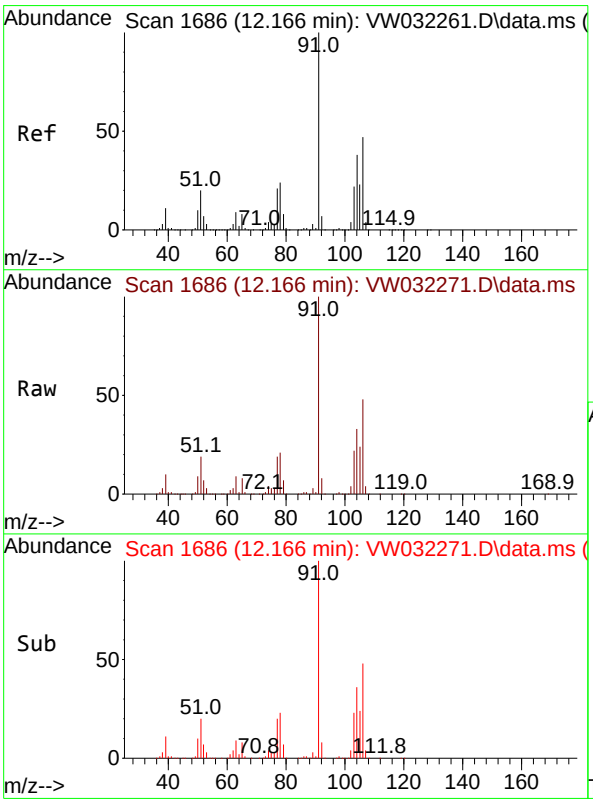
Ion	Ratio	Lower	Upper
106	100		
91	210.1	169.0	253.4

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

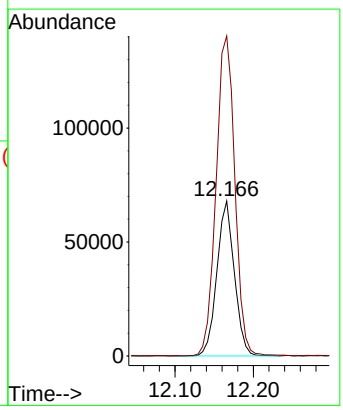


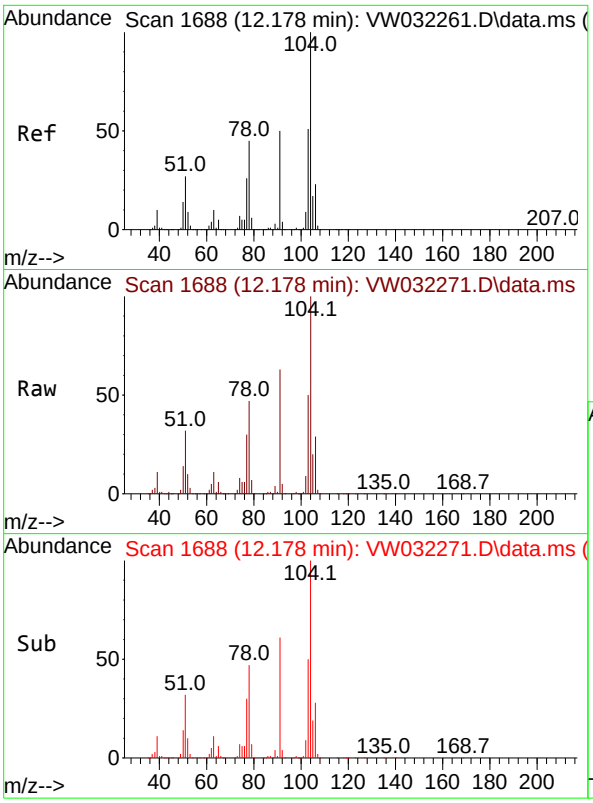


#69
o-Xylene
Concen: 49.686 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:106 Resp: 105483

Ion	Ratio	Lower	Upper
106	100		
91	221.4	107.8	323.6

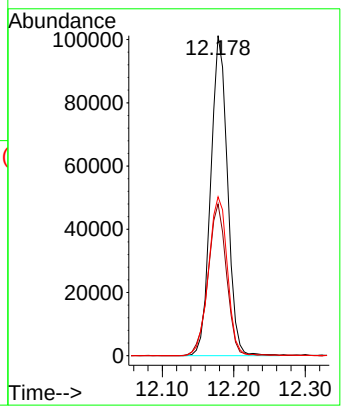




#70
Styrene
Concen: 44.281 ug/l
RT: 12.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:104 Resp: 16485

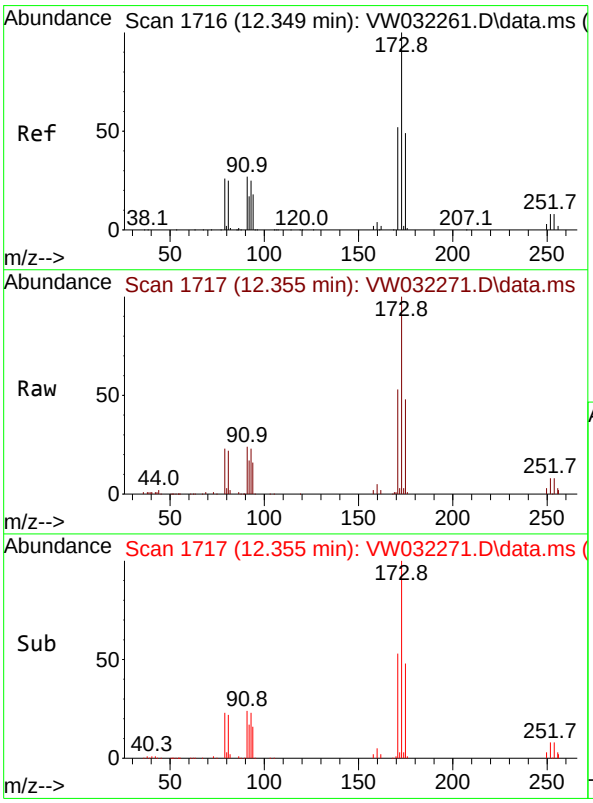
Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.8	61.2
103	56.0	43.4	65.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

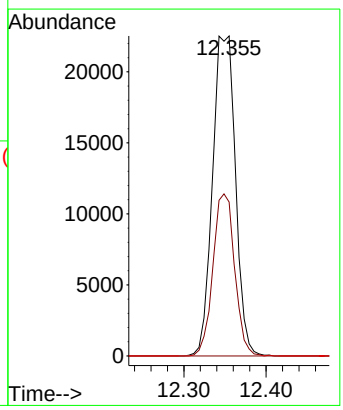
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

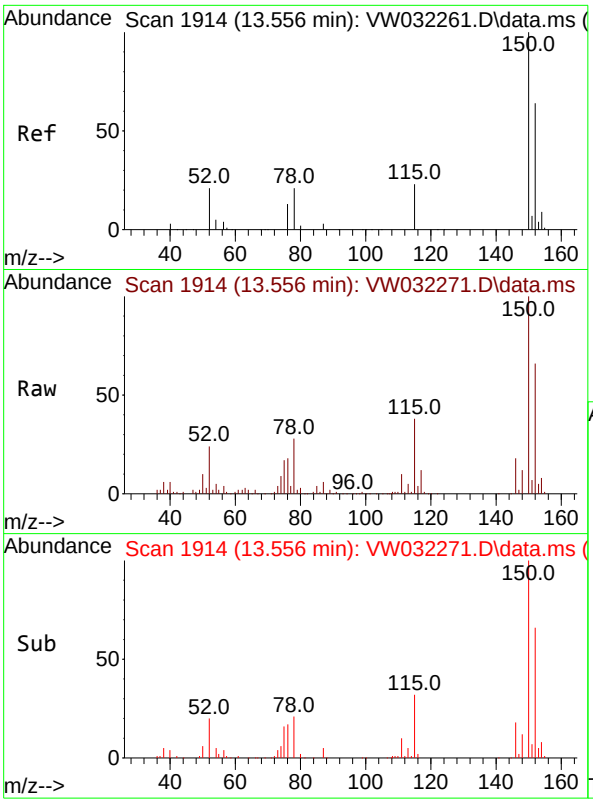


#71
Bromoform
Concen: 65.863 ug/l
RT: 12.355 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:173 Resp: 43701

Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.1	69.2
254	0.0	0.1	0.1#

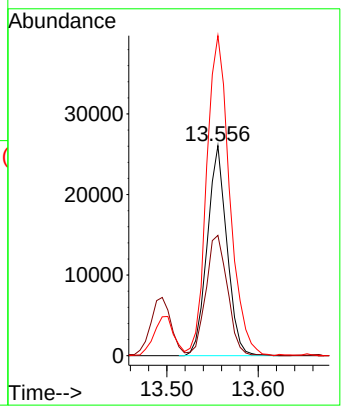




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:152 Resp: 3884

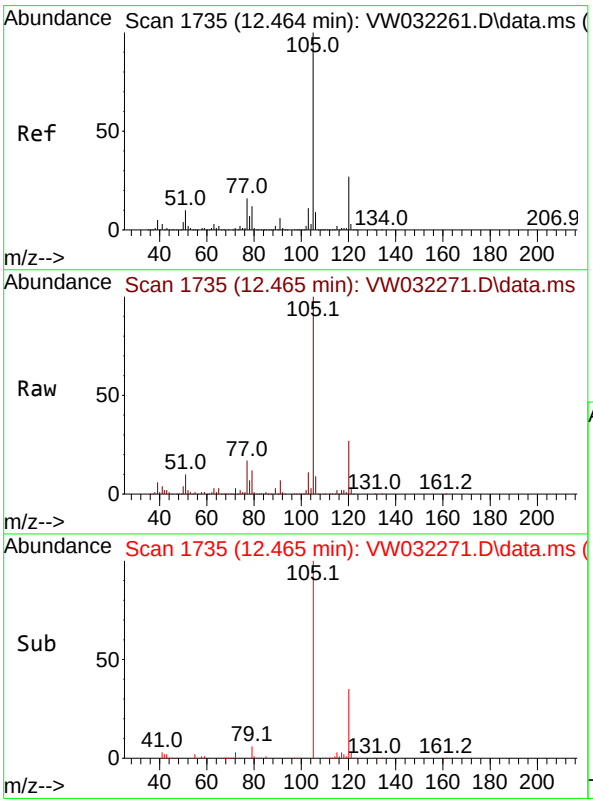
Ion	Ratio	Lower	Upper
152	100		
115	63.3	32.5	97.5
150	178.5	0.0	370.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

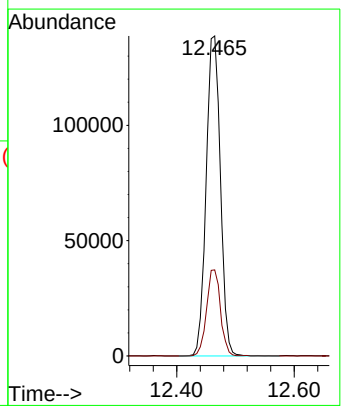
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

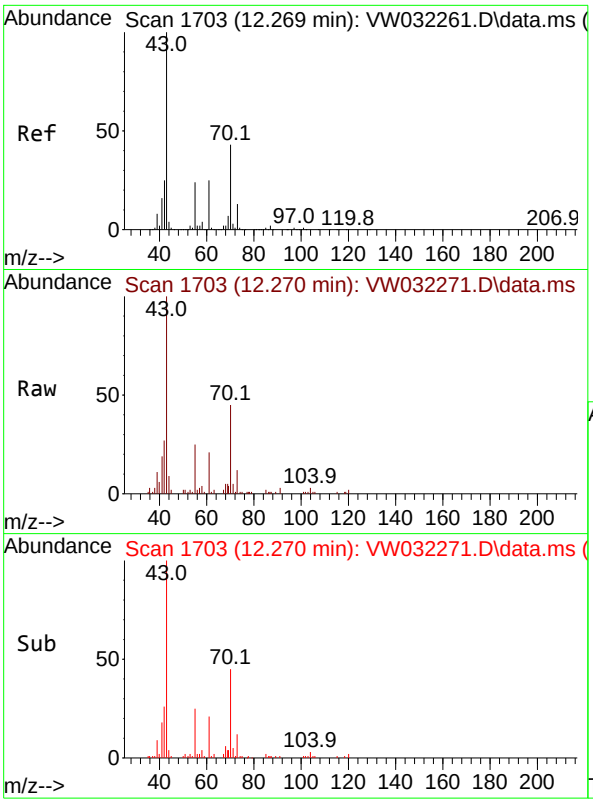


#73
Isopropylbenzene
Concen: 86.167 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:105 Resp: 232950

Ion	Ratio	Lower	Upper
105	100		
120	26.4	13.1	39.3

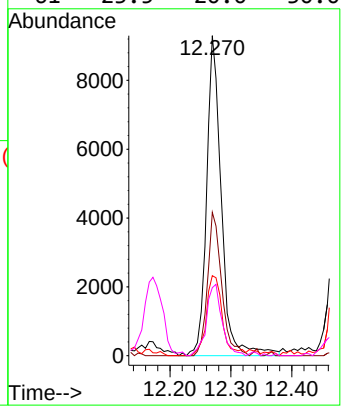




#74
N-amyl acetate
Concen: 18.396 ug/l
RT: 12.270 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 43 Resp: 1566

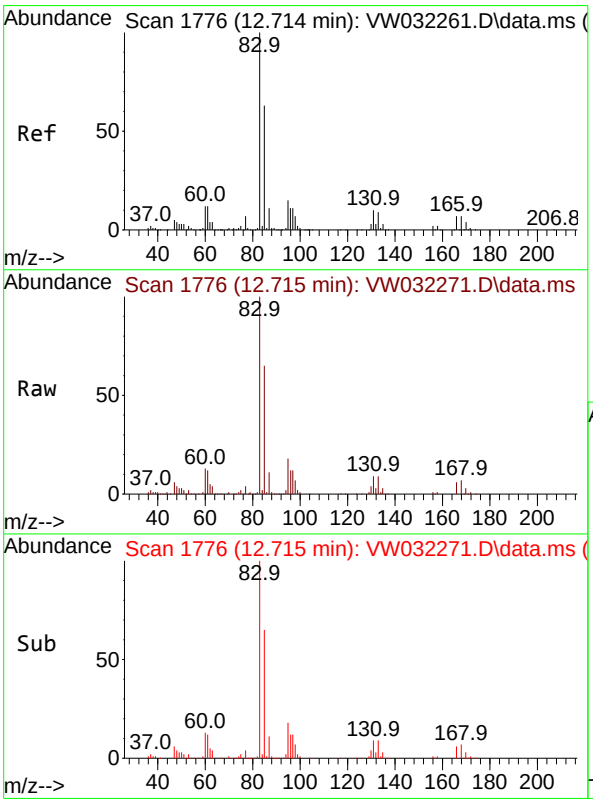
Ion	Ratio	Lower	Upper
43	100		
70	42.8	35.0	52.4
55	27.1	20.6	31.0
61	23.5	20.0	30.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

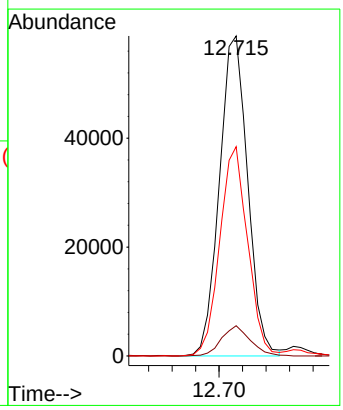
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

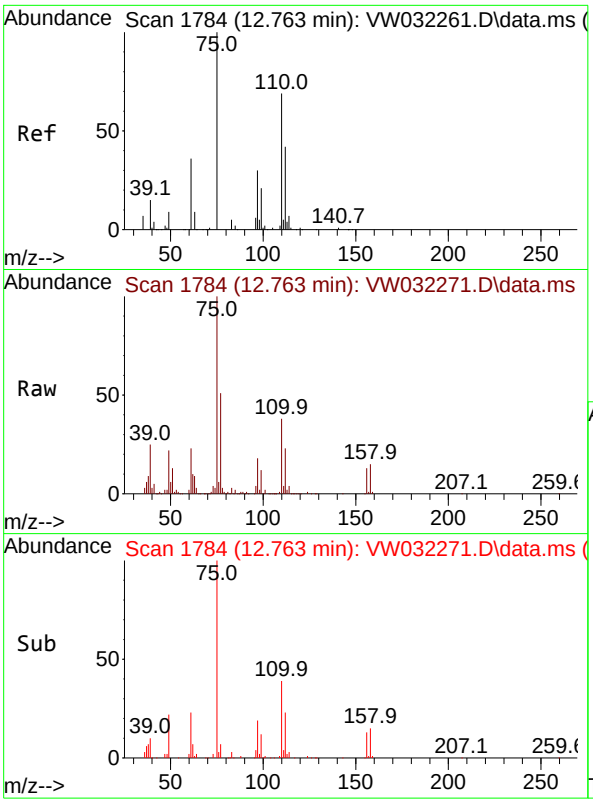


#75
1,1,2,2-Tetrachloroethane
Concen: 138.663 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 83 Resp: 98287

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	64.5	31.9	95.7





#76
1,2,3-Trichloropropane
Concen: 157.556 ug/l m
RT: 12.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

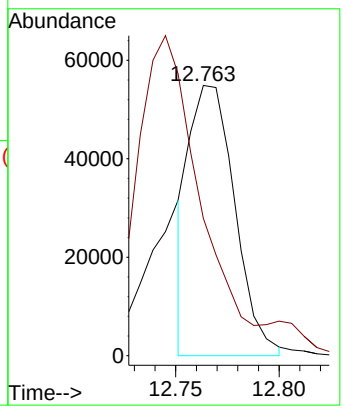
Tgt Ion: 75 Resp: 8419

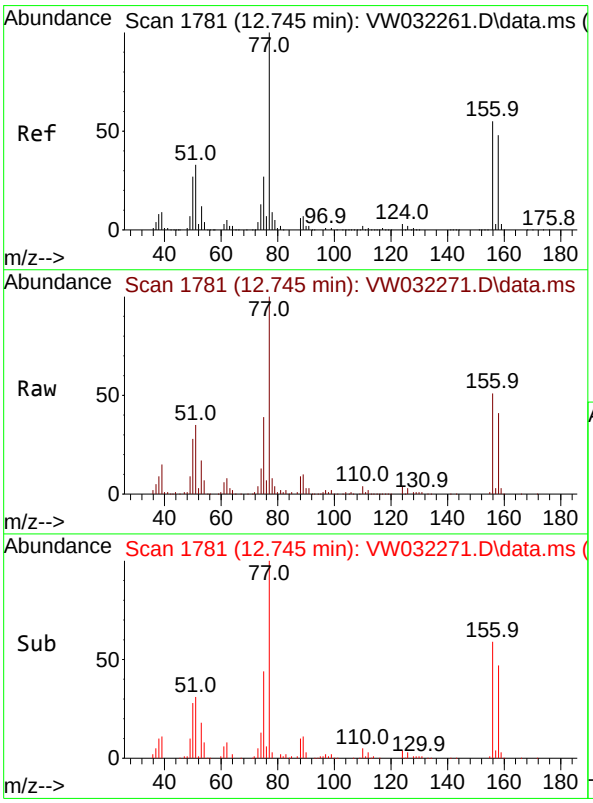
Ion	Ratio	Lower	Upper
75	100		
77	175.6	140.9	422.7

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

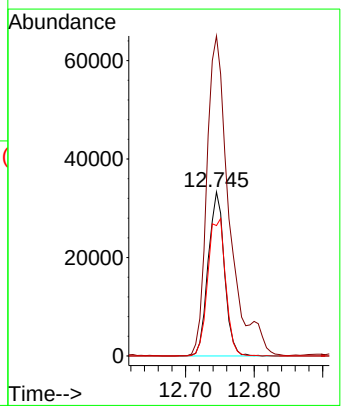


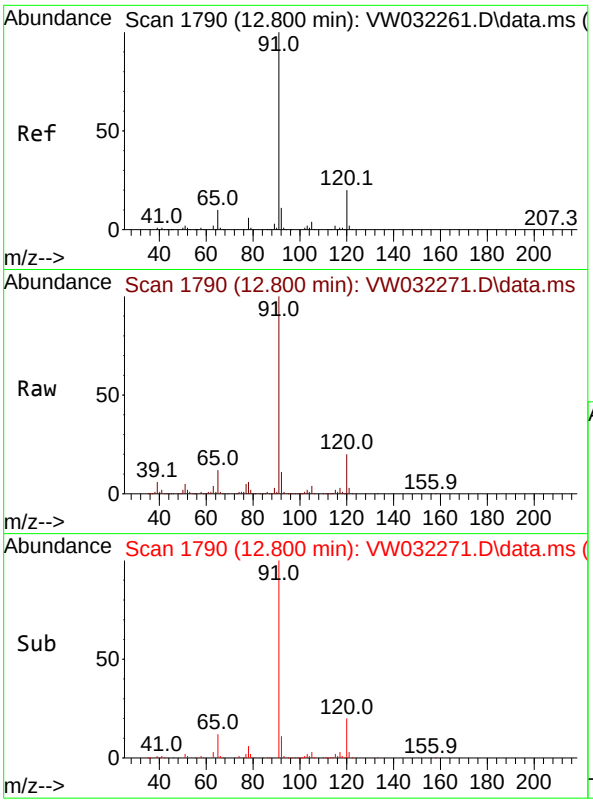


#77
Bromobenzene
Concen: 82.510 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:156 Resp: 54865

Ion	Ratio	Lower	Upper
156	100		
77	269.4	103.3	309.8
158	92.3	45.4	136.2

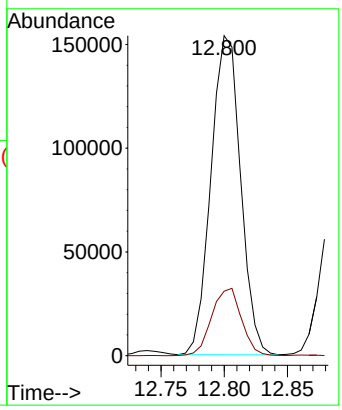




#78
n-propylbenzene
Concen: 73.849 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 91 Resp: 25077

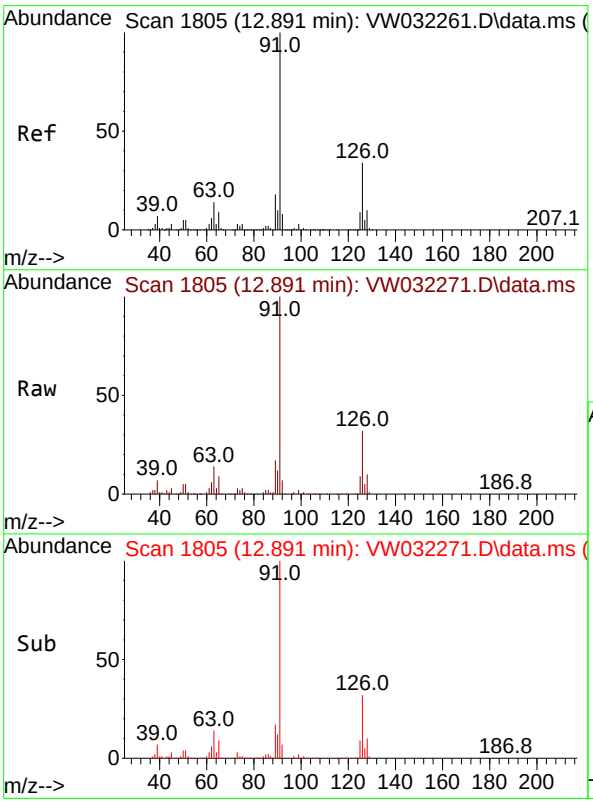
Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.9	32.9



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

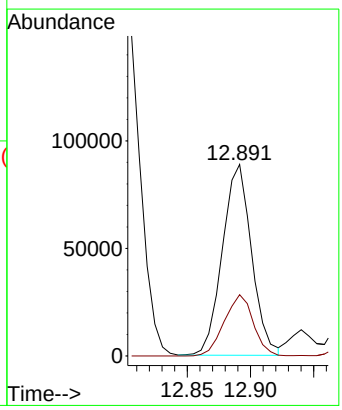
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

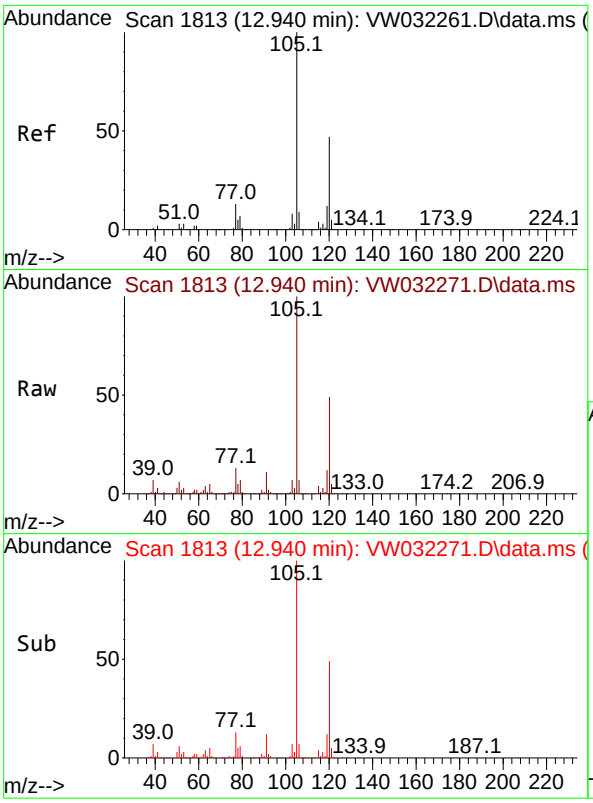


#79
2-Chlorotoluene
Concen: 69.418 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 91 Resp: 142798

Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.3	48.8





#80
1,3,5-Trimethylbenzene
Concen: 67.217 ug/l
RT: 12.940 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

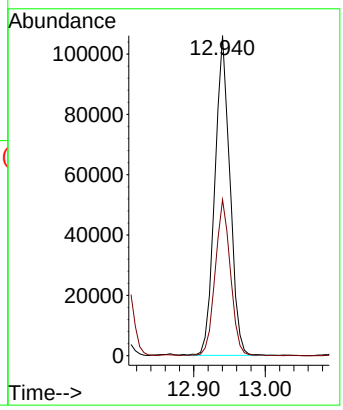
Tgt Ion:105 Resp: 15536

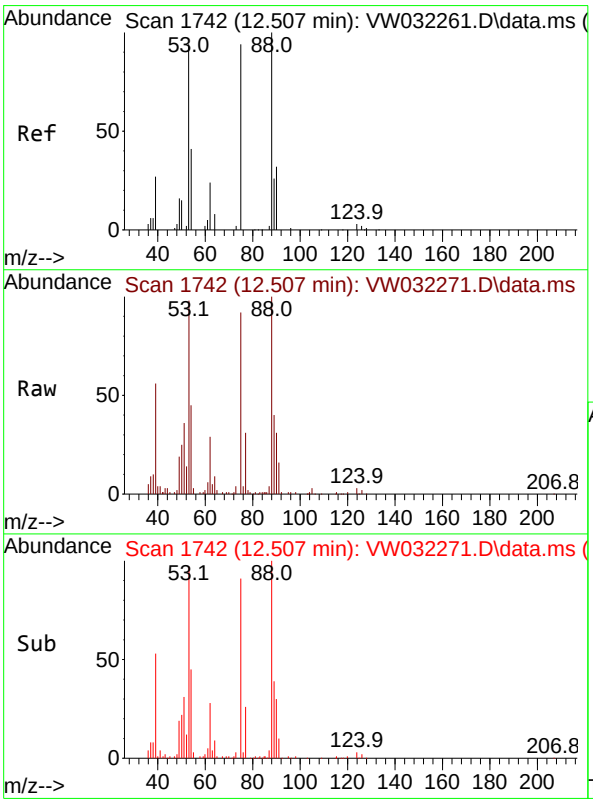
Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.1	72.2

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

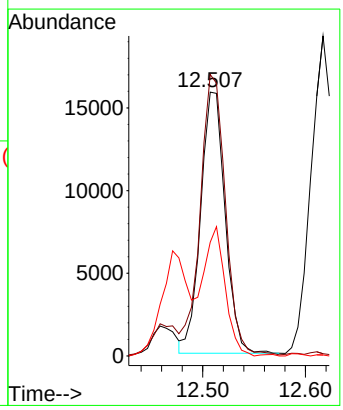


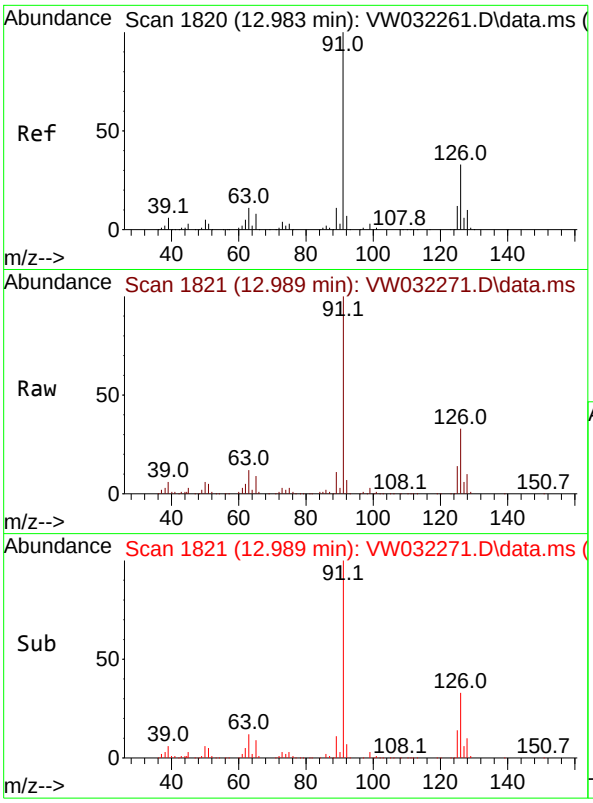


#81
trans-1,4-Dichloro-2-butene
Concen: 127.521 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 75 Resp: 26235

Ion	Ratio	Lower	Upper
75	100		
53	110.7	81.4	122.2
89	45.3	35.4	53.2

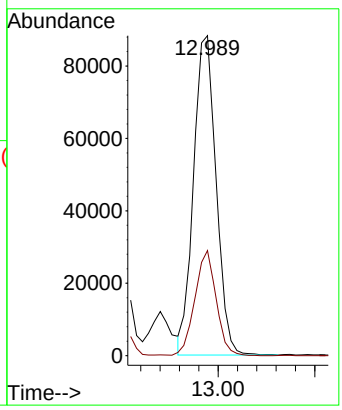




#82
4-Chlorotoluene
Concen: 65.799 ug/l
RT: 12.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 91 Resp: 14305

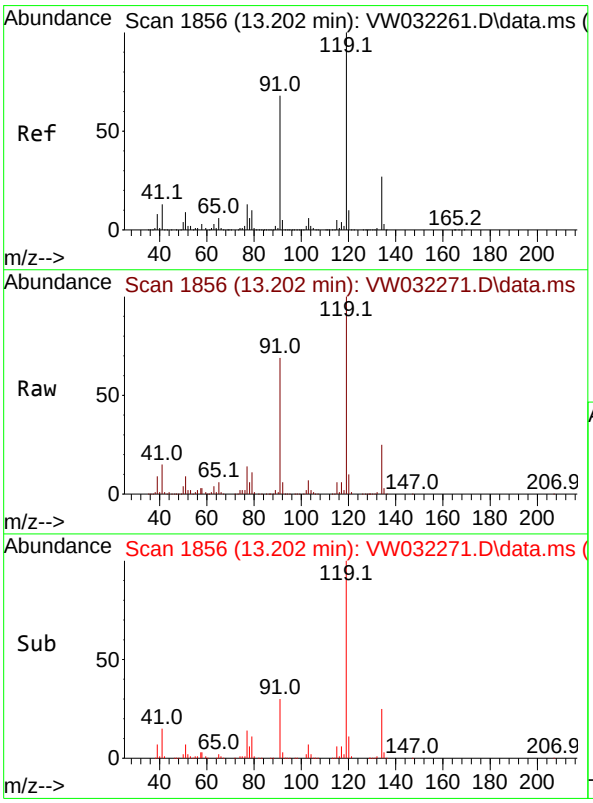
Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.5	49.5



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

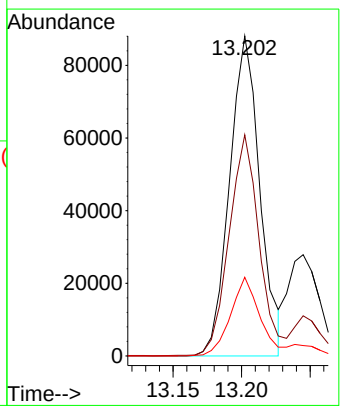
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

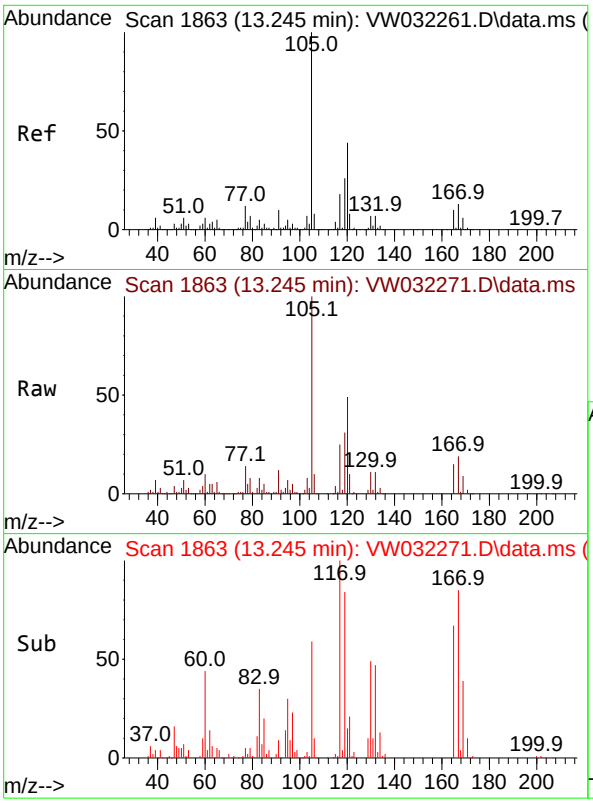


#83
tert-Butylbenzene
Concen: 70.270 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:119 Resp: 135834

Ion	Ratio	Lower	Upper
119	100		
91	69.0	35.5	106.5
134	24.0	13.5	40.4

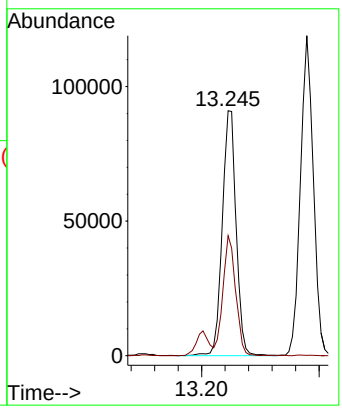




#84
1,2,4-Trimethylbenzene
Concen: 63.554 ug/l
RT: 13.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:105 Resp: 14914

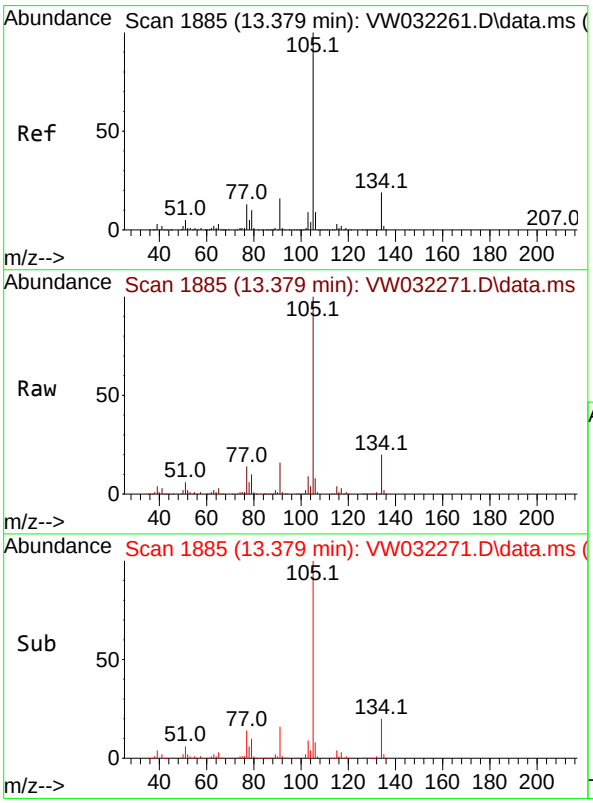
Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.8	68.3



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

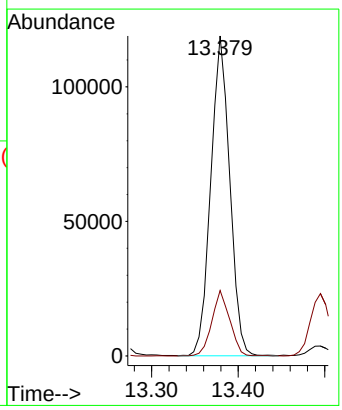
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

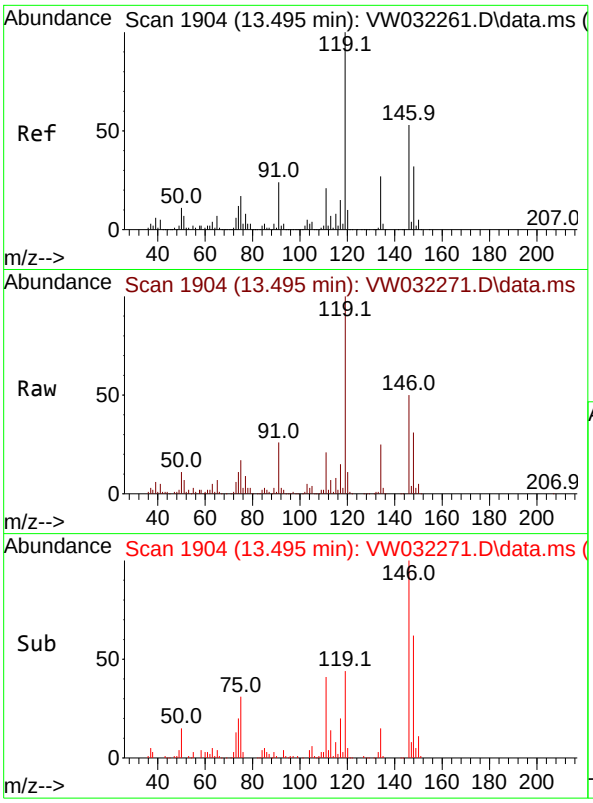


#85
sec-Butylbenzene
Concen: 62.374 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:105 Resp: 181058

Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.8	29.5

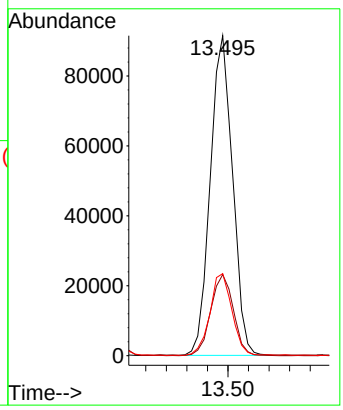




#86
p-Isopropyltoluene
Concen: 57.265 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:119 Resp: 13766

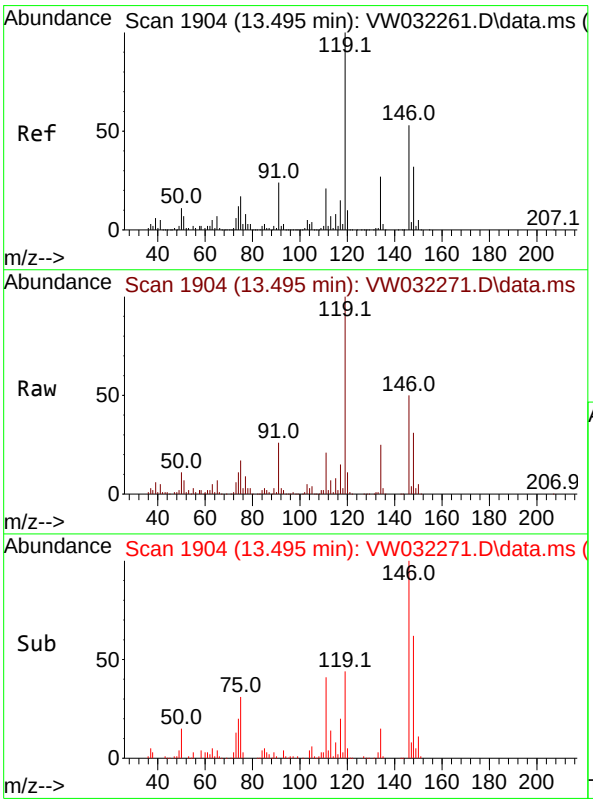
Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.5	37.5
91	25.1	12.1	36.3



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
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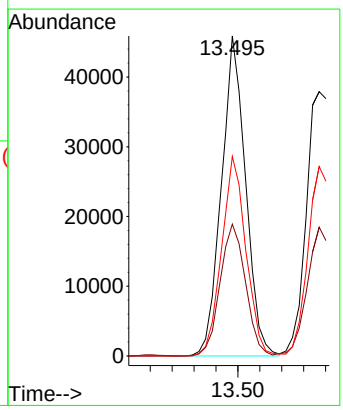
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

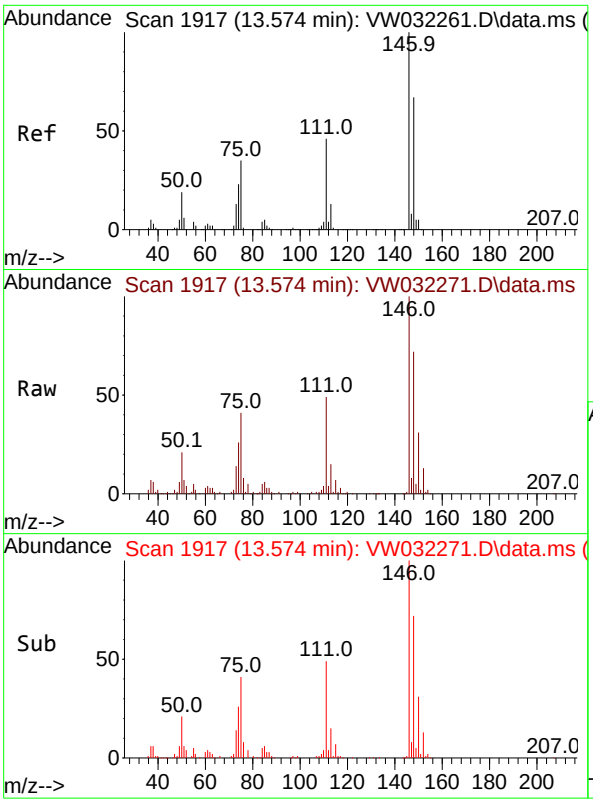


#87
1,3-Dichlorobenzene
Concen: 53.454 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:146 Resp: 70307

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.9	65.5
148	63.0	31.9	95.9

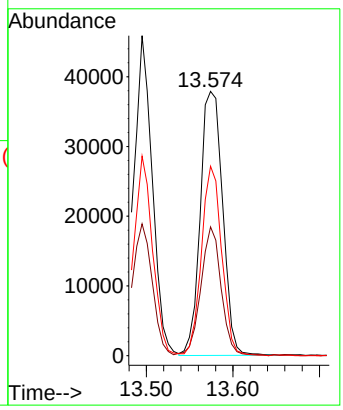




#88
1,4-Dichlorobenzene
Concen: 50.614 ug/l
RT: 13.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:146 Resp: 6800

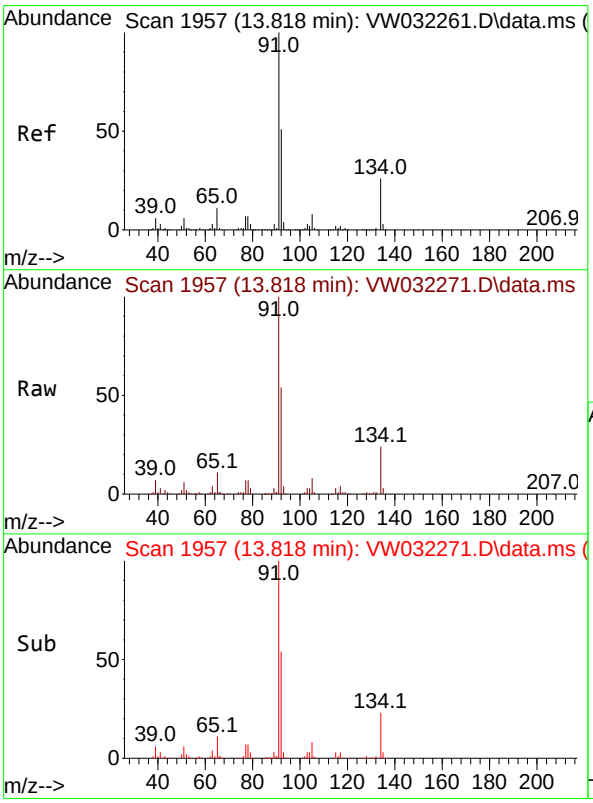
Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.4	67.2
148	64.9	34.4	103.1



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

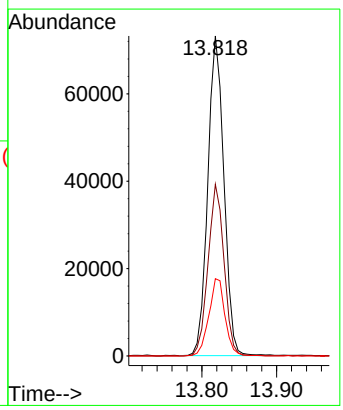
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

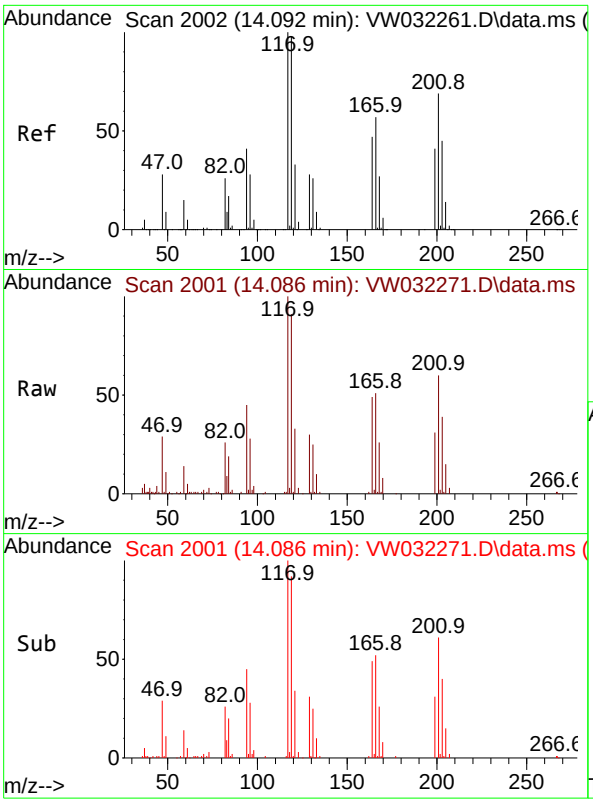


#89
n-Butylbenzene
Concen: 45.360 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion: 91 Resp: 109435

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.1
134	24.4	12.3	36.8

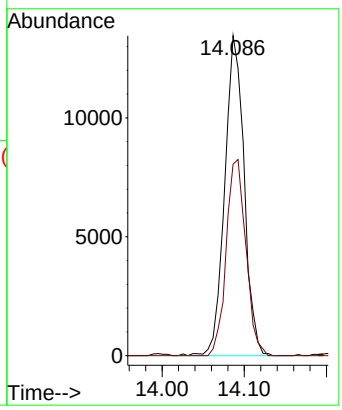




#90
Hexachloroethane
Concen: 49.228 ug/l
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:117 Resp: 2205

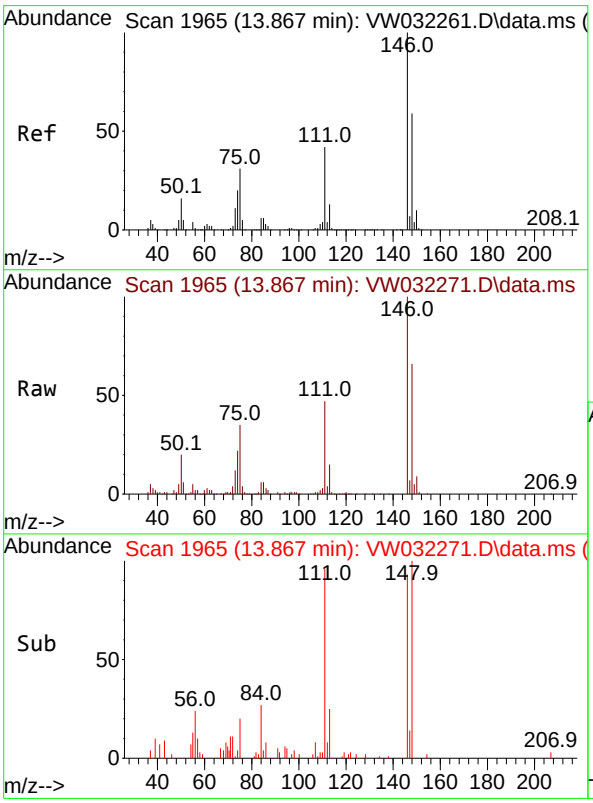
Ion	Ratio	Lower	Upper
117	100		
201	62.2	31.4	94.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

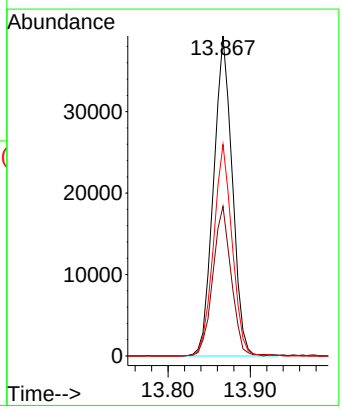
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

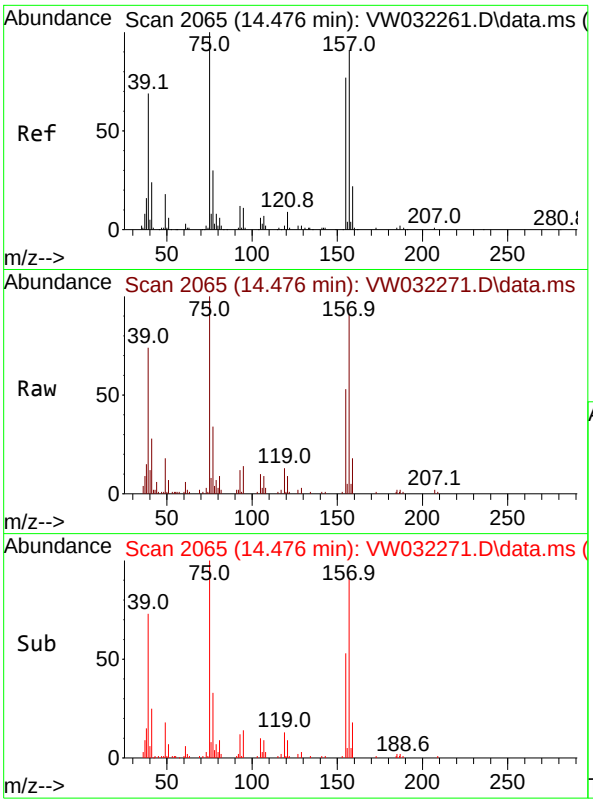


#91
1,2-Dichlorobenzene
Concen: 50.664 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:146 Resp: 62337

Ion	Ratio	Lower	Upper
146	100		
111	45.7	21.9	65.8
148	65.9	31.9	95.5





#92
1,2-Dibromo-3-Chloropropane
Concen: 120.596 ug/l
RT: 14.476 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

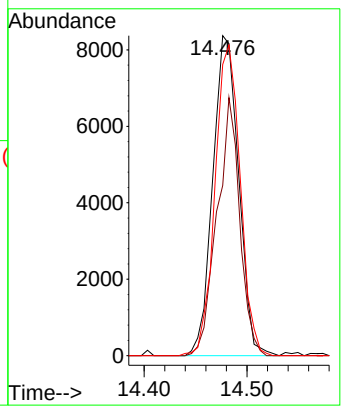
Tgt Ion: 75 Resp: 1462

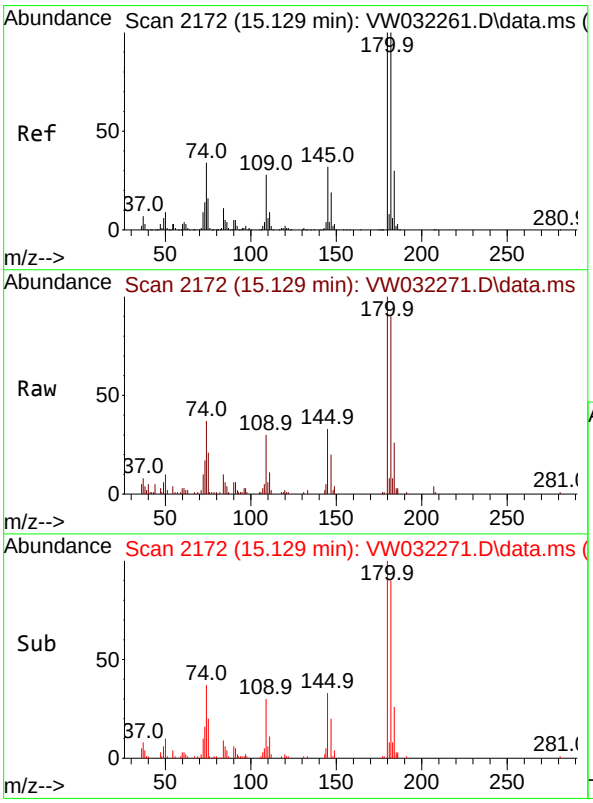
Ion	Ratio	Lower	Upper
75	100		
155	70.8	38.2	114.6
157	94.6	47.0	141.0

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

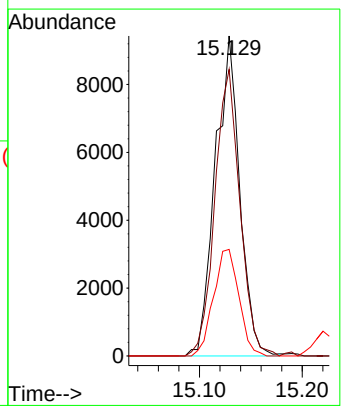


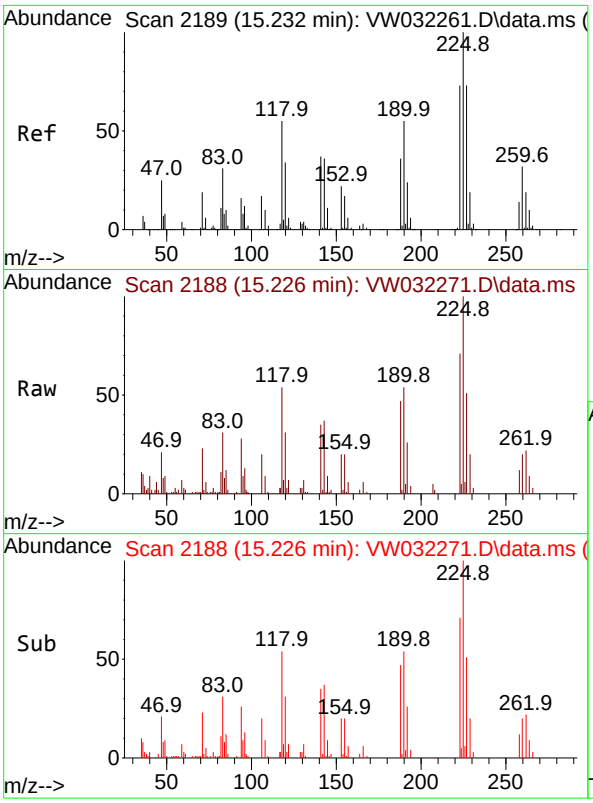


#93
1,2,4-Trichlorobenzene
Concen: 21.395 ug/l
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:180 Resp: 15617

Ion	Ratio	Lower	Upper
180	100		
182	91.3	48.4	145.3
145	34.4	16.9	50.7

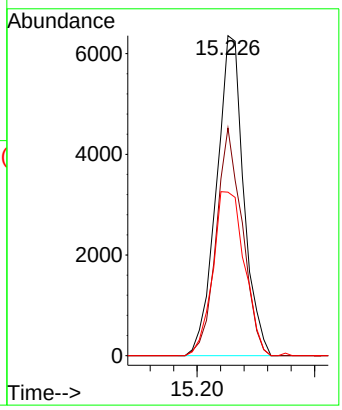




#94
Hexachlorobutadiene
Concen: 30.566 ug/l
RT: 15.226 min Scan# 2
Delta R.T. -0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:225 Resp: 1024

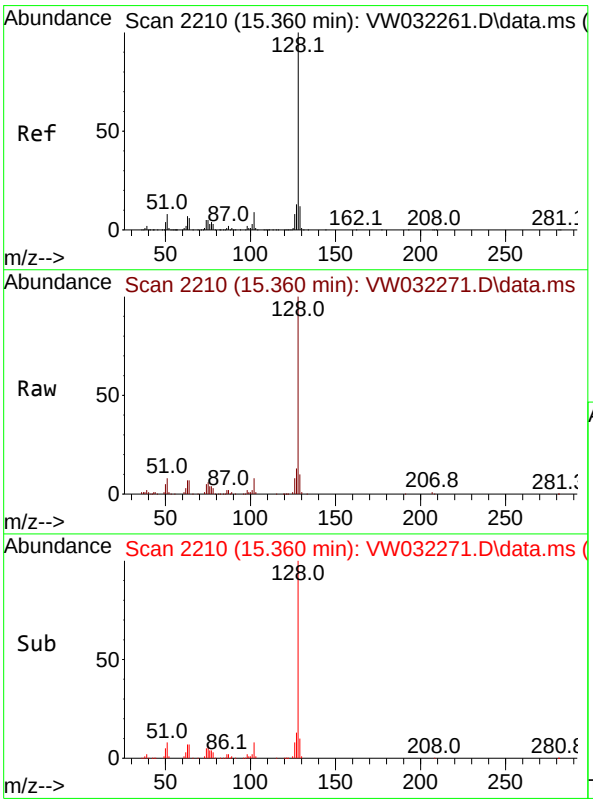
Ion	Ratio	Lower	Upper
225	100		
223	67.9	36.4	109.2
227	59.5	36.4	109.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

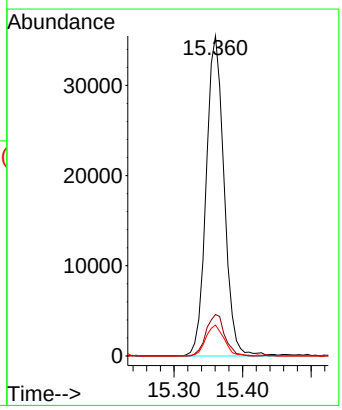
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

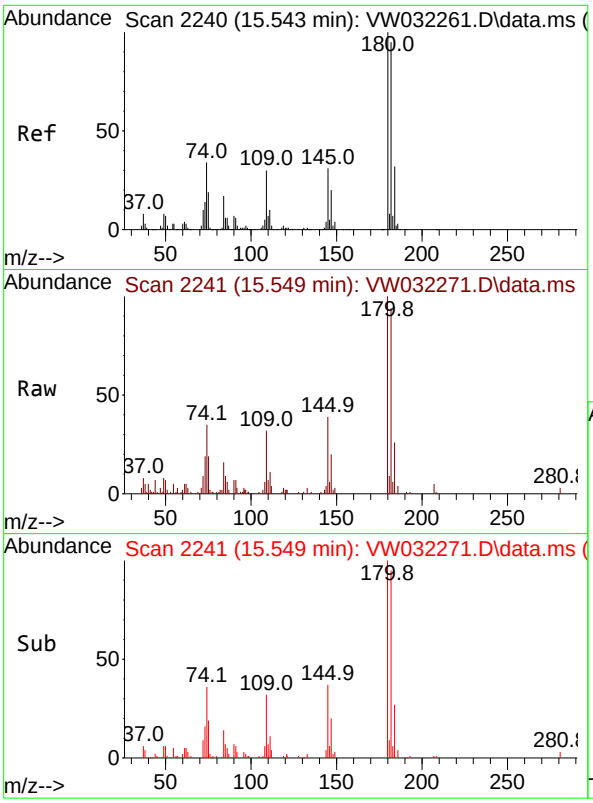


#95
Naphthalene
Concen: 36.835 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:128 Resp: 64534

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	9.9	9.0	13.4

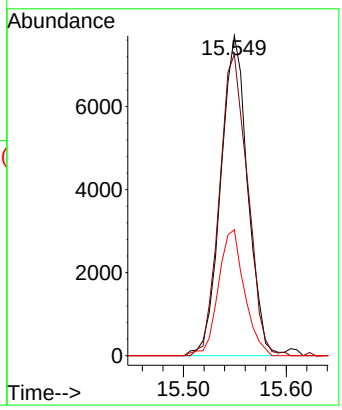




#96
1,2,3-Trichlorobenzene
Concen: 20.656 ug/l
RT: 15.549 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW032271.D
Acq: 26 Sep 2025 11:49

Tgt Ion:180 Resp: 1402

Ion	Ratio	Lower	Upper
180	100		
182	98.4	45.5	136.4
145	38.2	18.1	54.1



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3178
Lab Sample ID:	Q3178-03MSD	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032272.D	1	09/26/25 12:11	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	91.8		1.60	7.10	ug/Kg
74-87-3	Chloromethane	88.6		1.60	7.10	ug/Kg
75-01-4	Vinyl Chloride	94.8		1.10	7.10	ug/Kg
74-83-9	Bromomethane	87.5		1.50	7.10	ug/Kg
75-00-3	Chloroethane	97.7		1.80	7.10	ug/Kg
75-69-4	Trichlorofluoromethane	95.0		1.70	7.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	88.6		1.50	7.10	ug/Kg
75-35-4	1,1-Dichloroethene	94.7		1.40	7.10	ug/Kg
67-64-1	Acetone	470		6.80	35.7	ug/Kg
75-15-0	Carbon Disulfide	79.3		1.50	7.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	110		1.00	7.10	ug/Kg
79-20-9	Methyl Acetate	200		2.20	7.10	ug/Kg
75-09-2	Methylene Chloride	110		5.00	14.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	92.9		1.20	7.10	ug/Kg
75-34-3	1,1-Dichloroethane	98.2		1.10	7.10	ug/Kg
110-82-7	Cyclohexane	73.5		1.10	7.10	ug/Kg
78-93-3	2-Butanone	510		9.30	35.7	ug/Kg
56-23-5	Carbon Tetrachloride	86.9		1.40	7.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	96.1		1.10	7.10	ug/Kg
74-97-5	Bromochloromethane	99.0		1.60	7.10	ug/Kg
67-66-3	Chloroform	96.6		1.20	7.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	95.4		1.30	7.10	ug/Kg
108-87-2	Methylcyclohexane	59.2		1.30	7.10	ug/Kg
71-43-2	Benzene	90.5		1.10	7.10	ug/Kg
107-06-2	1,2-Dichloroethane	97.1		1.10	7.10	ug/Kg
79-01-6	Trichloroethene	84.7		1.20	7.10	ug/Kg
78-87-5	1,2-Dichloropropane	92.5		1.30	7.10	ug/Kg
75-27-4	Bromodichloromethane	91.7		1.10	7.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	510		5.10	35.7	ug/Kg
108-88-3	Toluene	84.5		1.10	7.10	ug/Kg

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3178
Lab Sample ID:	Q3178-03MSD	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032272.D	1	09/26/25 12:11	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	87.8		0.93	7.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	87.6		0.88	7.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	92.4		1.30	7.10	ug/Kg
591-78-6	2-Hexanone	490		5.30	35.7	ug/Kg
124-48-1	Dibromochloromethane	87.6		1.20	7.10	ug/Kg
106-93-4	1,2-Dibromoethane	89.2		1.30	7.10	ug/Kg
127-18-4	Tetrachloroethene	88.0		1.50	7.10	ug/Kg
108-90-7	Chlorobenzene	83.7		1.30	7.10	ug/Kg
100-41-4	Ethyl Benzene	88.6		0.96	7.10	ug/Kg
179601-23-1	m/p-Xylenes	170		1.80	14.3	ug/Kg
95-47-6	o-Xylene	88.1		1.20	7.10	ug/Kg
100-42-5	Styrene	82.6		1.00	7.10	ug/Kg
75-25-2	Bromoform	91.9		1.20	7.10	ug/Kg
98-82-8	Isopropylbenzene	120		1.10	7.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	160		1.70	7.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	86.3		2.40	7.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	84.8		2.20	7.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	86.1		2.10	7.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	140		2.60	7.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	38.7		4.20	7.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	35.8		4.50	7.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.3		63 - 155	131%	SPK: 50
1868-53-7	Dibromofluoromethane	60.0		70 - 134	120%	SPK: 50
2037-26-5	Toluene-d8	51.0		74 - 123	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.1		17 - 146	74%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	143000	7.959			
540-36-3	1,4-Difluorobenzene	268000	8.849			
3114-55-4	Chlorobenzene-d5	204000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	62800	13.556			

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3178
Lab Sample ID:	Q3178-03MSD	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.4
Sample Wt/Vol:	4.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032272.D	1	09/26/25 12:11	vw092625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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_W\Data\VW092625\
Data File : VW032272.D
Acq On : 26 Sep 2025 12:11
Operator : SY/MD
Sample : Q3178-03MSD
Misc : 4.91g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 27 04:34:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	143487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	267581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	203835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	62768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	147964	65.308	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 130.620%			
35) Dibromofluoromethane	7.898	113	115501	60.020	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 120.040%			
50) Toluene-d8	10.325	98	353787	51.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.617	95	97053	37.099	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 74.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	63819	64.377	ug/l	99
3) Chloromethane	2.259	50	88156	62.138	ug/l	96
4) Vinyl Chloride	2.411	62	110175	66.465	ug/l	98
5) Bromomethane	2.826	94	69458	61.363	ug/l	88
6) Chloroethane	2.972	64	76968	68.523	ug/l	98
7) Trichlorofluoromethane	3.308	101	83222	66.632	ug/l	93
8) Diethyl Ether	3.722	74	83361	70.586	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	99090	62.156	ug/l	98
10) Methyl Iodide	4.307	142	110704	51.340	ug/l	100
11) Tert butyl alcohol	5.228	59	54796	348.426	ug/l	99
12) 1,1-Dichloroethene	4.082	96	113160	66.402	ug/l	97
13) Acrolein	3.936	56	35089	125.357	ug/l	99
14) Allyl chloride	4.710	41	182159	68.876	ug/l	99
15) Acrylonitrile	5.405	53	214021	351.872	ug/l	100
16) Acetone	4.161	43	193229	332.097	ug/l	99
17) Carbon Disulfide	4.423	76	217965	55.628	ug/l	98
18) Methyl Acetate	4.710	43	279617	139.731	ug/l	99
19) Methyl tert-butyl Ether	5.472	73	248774	78.753	ug/l	99
20) Methylene Chloride	4.954	84	155338	78.113	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	119681	65.128	ug/l	94
22) Diisopropyl ether	6.344	45	414157	70.473	ug/l	95
24) 1,1-Dichloroethane	6.246	63	255416	68.848	ug/l	99
25) 2-Butanone	7.197	43	287945	355.048	ug/l	97
26) 2,2-Dichloropropane	7.191	77	124915	68.329	ug/l	98
27) cis-1,2-Dichloroethene	7.191	96	153943	67.355	ug/l	99
28) Bromochloromethane	7.533	49	122819	69.380	ug/l #	99
29) Tetrahydrofuran	7.557	42	194234	368.912	ug/l	100
30) Chloroform	7.697	83	262252	67.752	ug/l	96
31) Cyclohexane	7.971	56	150727	51.524	ug/l	98
32) 1,1,1-Trichloroethane	7.892	97	174334	66.855	ug/l	98
36) 1,1-Dichloropropene	8.093	75	159042	61.301	ug/l	99
37) Ethyl Acetate	7.276	43	72687	42.243	ug/l	99
38) Carbon Tetrachloride	8.087	117	148671	60.908	ug/l	89
39) Methylcyclohexane	9.343	83	124647	41.521	ug/l	98
40) Benzene	8.337	78	518333	63.471	ug/l	100
41) Methacrylonitrile	7.502	41	70899	71.944	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032272.D
Acq On : 26 Sep 2025 12:11
Operator : SY/MD
Sample : Q3178-03MSD
Misc : 4.91g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 27 04:34:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 1,2-Dichloroethane	8.416	62	184798	68.078	ug/l		100
43) Isopropyl Acetate	8.441	43	153520	49.842	ug/l		97
44) Trichloroethene	9.105	130	113335	59.374	ug/l		90
45) 1,2-Dichloropropane	9.374	63	137183	64.859	ug/l		99
46) Dibromomethane	9.465	93	86380	66.425	ug/l		98
47) Bromodichloromethane	9.654	83	190738	64.308	ug/l		98
48) Methyl methacrylate	9.441	41	134634	92.911	ug/l		94
49) 1,4-Dioxane	9.465	88	27228	1563.353	ug/l	#	95
51) 4-Methyl-2-Pentanone	10.215	43	651518	356.757	ug/l		98
52) Toluene	10.392	92	300006	59.271	ug/l		96
53) t-1,3-Dichloropropene	10.611	75	167271	61.554	ug/l		98
54) cis-1,3-Dichloropropene	10.081	75	192622	61.398	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	114941	64.754	ug/l		98
56) Ethyl methacrylate	10.648	69	83299	35.626	ug/l		96
57) 1,3-Dichloropropane	10.934	76	201378	65.671	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	480249	374.170	ug/l		99
59) 2-Hexanone	10.971	43	424958	340.753	ug/l		97
60) Dibromochloromethane	11.136	129	119713	61.410	ug/l		97
61) 1,2-Dibromoethane	11.239	107	105181	62.546	ug/l		98
64) Tetrachloroethene	10.867	164	76637	61.695	ug/l		90
65) Chlorobenzene	11.660	112	275468	58.670	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.733	131	102985	69.355	ug/l		99
67) Ethyl Benzene	11.733	91	477683	62.156	ug/l		99
68) m/p-Xylenes	11.843	106	349176	118.525	ug/l		99
69) o-Xylene	12.166	106	171044	61.778	ug/l		97
70) Styrene	12.178	104	281268	57.930	ug/l		100
71) Bromoform	12.349	173	55763	64.442	ug/l	#	94
73) Isopropylbenzene	12.465	105	362799	83.044	ug/l		98
74) N-amyl acetate	12.269	43	46950	34.126	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.714	83	125487	109.553	ug/l		98
76) 1,2,3-Trichloropropane	12.769	75	103291m	119.613	ug/l		
77) Bromobenzene	12.745	156	91967	85.587	ug/l		87
78) n-propylbenzene	12.800	91	403415	73.514	ug/l		99
79) 2-Chlorotoluene	12.891	91	248824	74.852	ug/l		98
80) 1,3,5-Trimethylbenzene	12.940	105	268846	71.978	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	36851	110.844	ug/l		95
82) 4-Chlorotoluene	12.989	91	254787	72.523	ug/l		97
83) tert-Butylbenzene	13.202	119	214473	68.659	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	268079	70.690	ug/l		96
85) sec-Butylbenzene	13.379	105	283714	60.483	ug/l		100
86) p-Isopropyltoluene	13.495	119	227849	58.651	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	128671	60.537	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	129096	59.454	ug/l		91
89) n-Butylbenzene	13.818	91	174413	44.736	ug/l		99
90) Hexachloroethane	14.092	117	37396	51.648	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	120044	60.375	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.482	75	19630	100.194	ug/l		96
93) 1,2,4-Trichlorobenzene	15.123	180	32039	27.161	ug/l		93
94) Hexachlorobutadiene	15.232	225	14262	26.326	ug/l		91
95) Naphthalene	15.360	128	121884	43.051	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	27514	25.085	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
Data File : VW032272.D
Acq On : 26 Sep 2025 12:11
Operator : SY/MD
Sample : Q3178-03MSD
Misc : 4.91g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 27 04:34:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

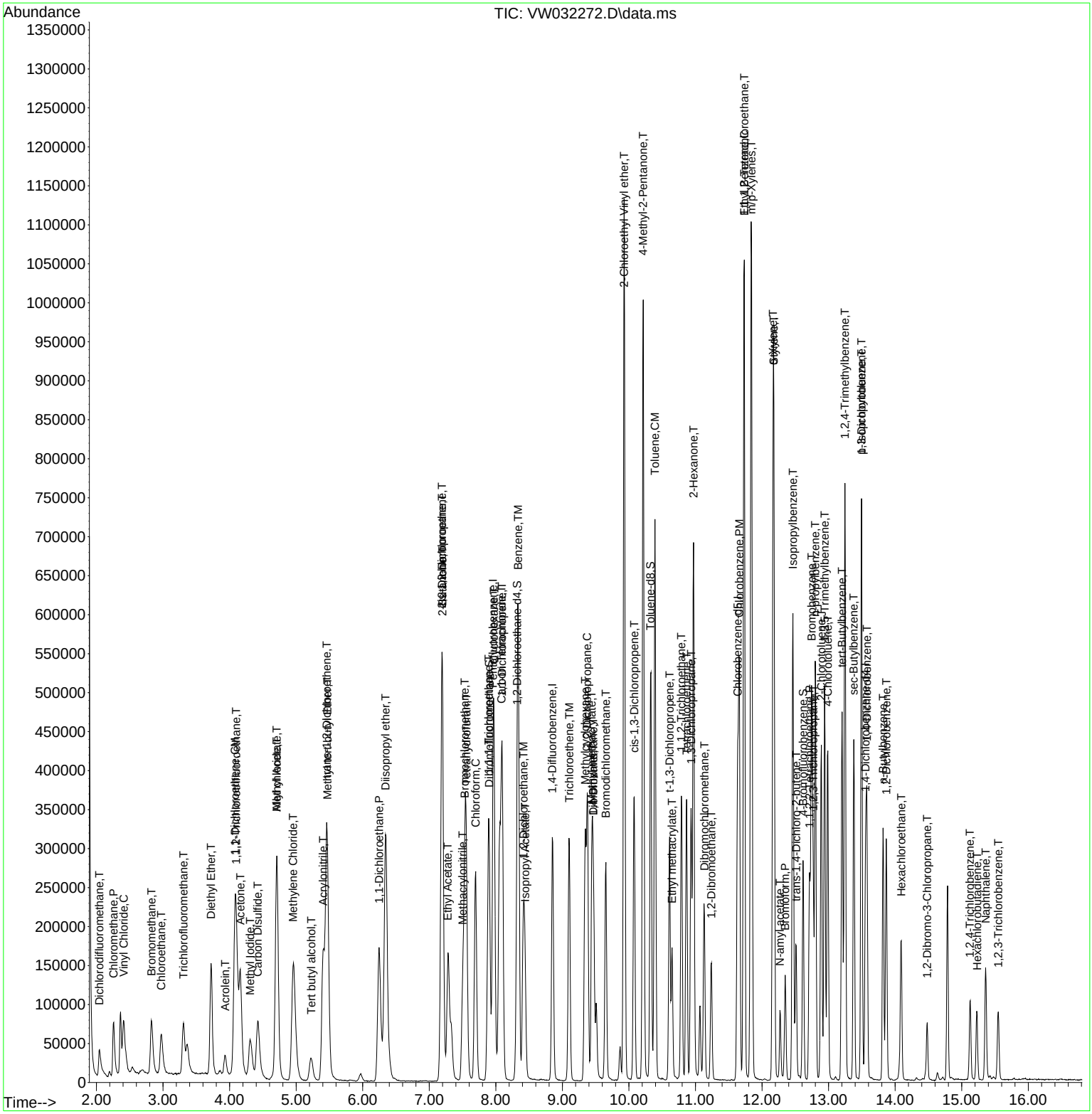
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Data File : VW032272.D
Acq On : 26 Sep 2025 12:11
Operator : SY/MD
Sample : Q3178-03MSD
Misc : 4.91g/5mL/MSVOA_W/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

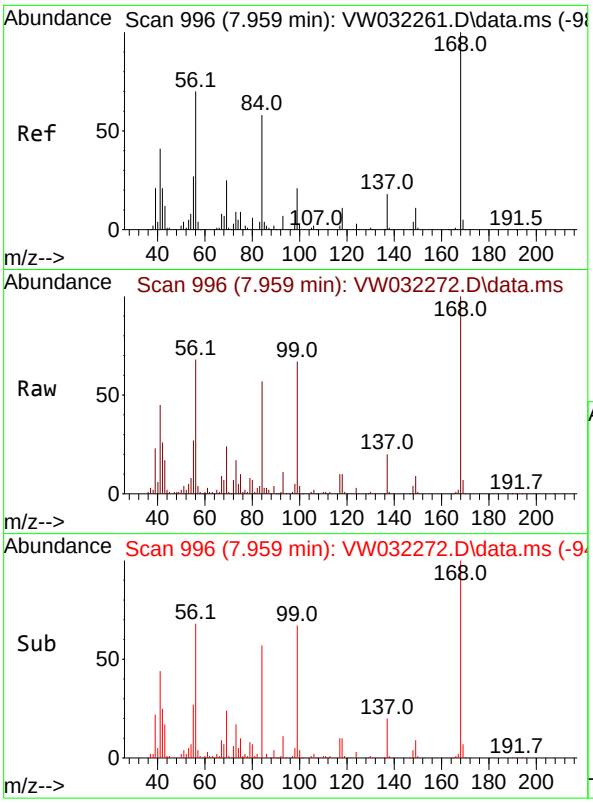
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Quant Title : SW846 8260
QLast Update : Fri Sep 26 07:11:42 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations APPROVED

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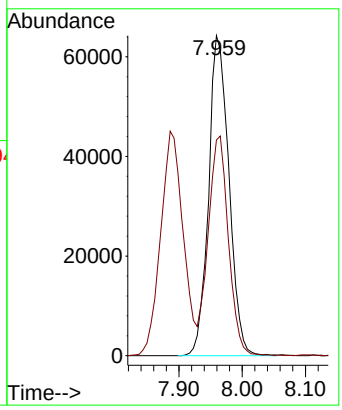




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:168 Resp: 14348

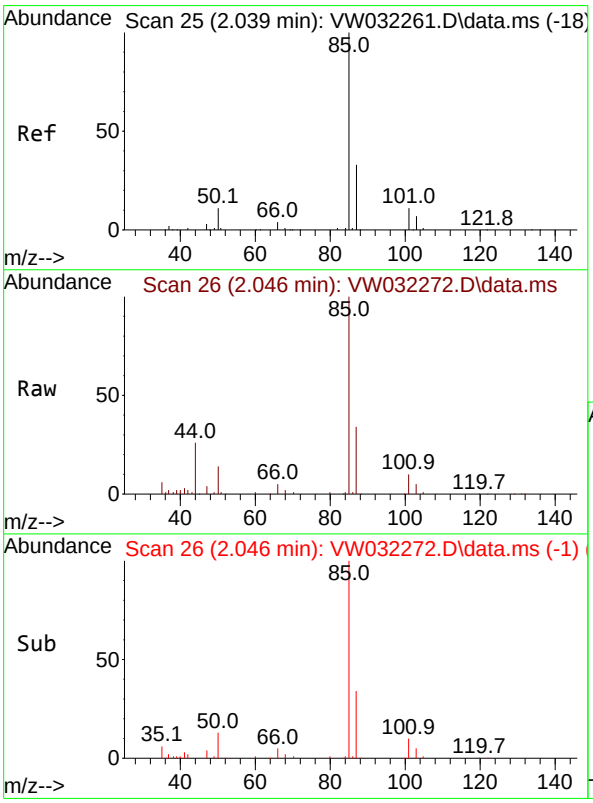
Ion	Ratio	Lower	Upper
168	100		
99	67.2	55.0	82.4



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

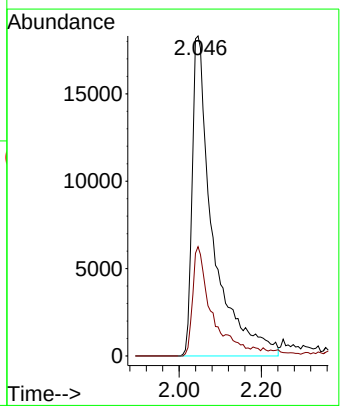
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

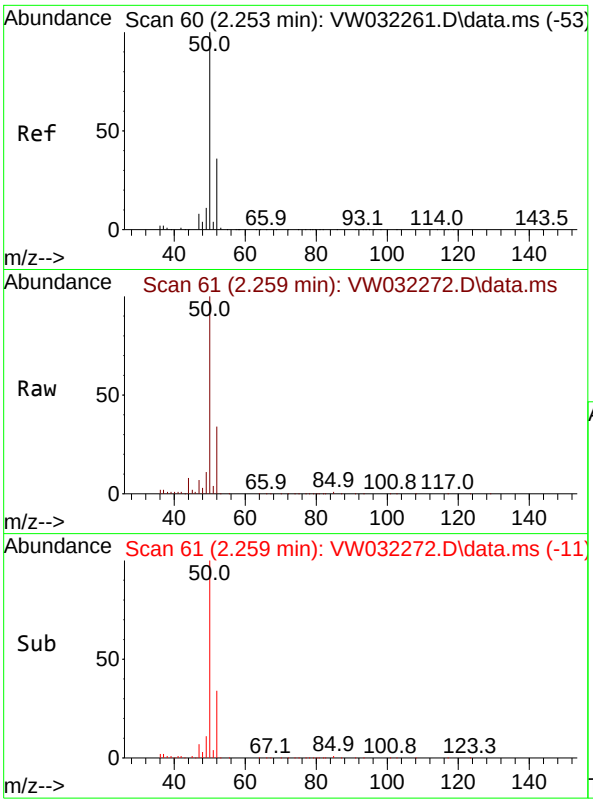


#2
Dichlorodifluoromethane
Concen: 64.377 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 85 Resp: 63819

Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.7	50.1

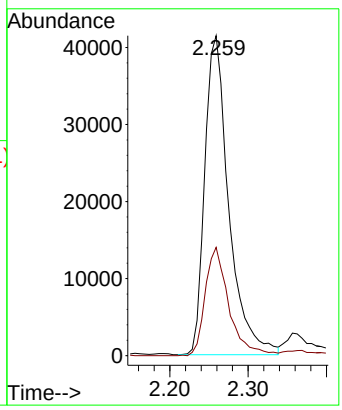




#3
Chloromethane
Concen: 62.138 ug/l
RT: 2.259 min Scan# 6
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 50 Resp: 8815

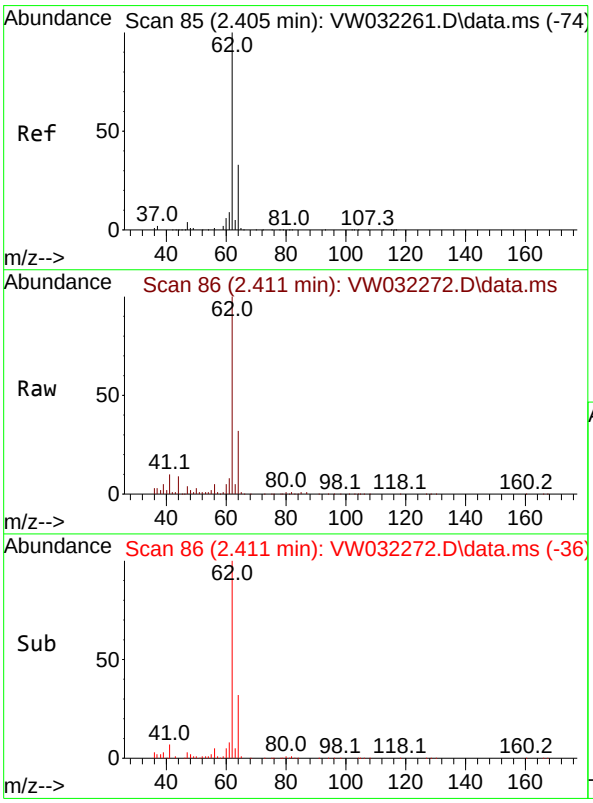
Ion	Ratio	Lower	Upper
50	100		
52	34.0	28.9	43.3



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

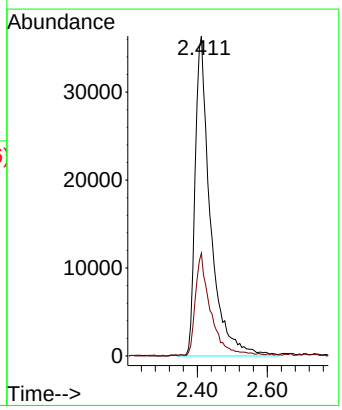
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

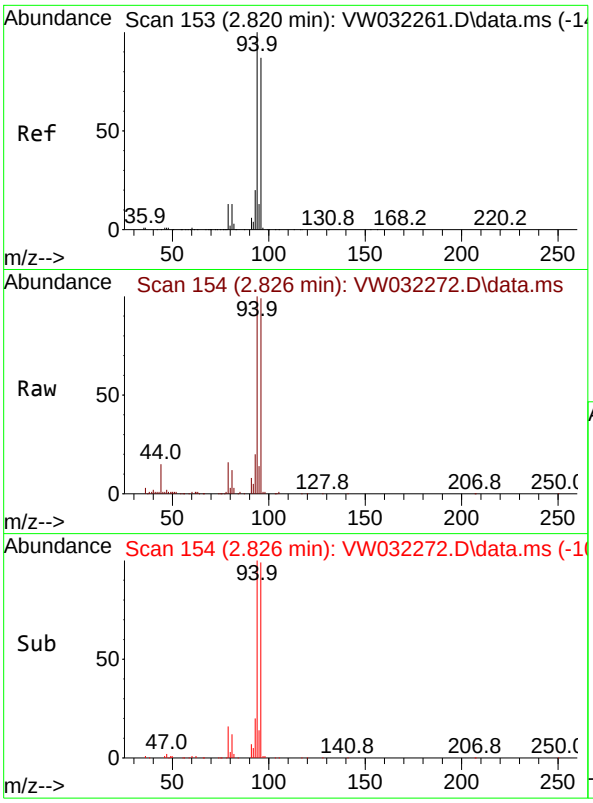


#4
Vinyl Chloride
Concen: 66.465 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 62 Resp: 110175

Ion	Ratio	Lower	Upper
62	100		
64	31.9	26.2	39.4

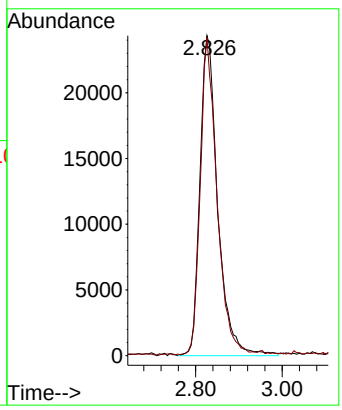




#5
Bromomethane
Concen: 61.363 ug/l
RT: 2.826 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 94 Resp: 6945

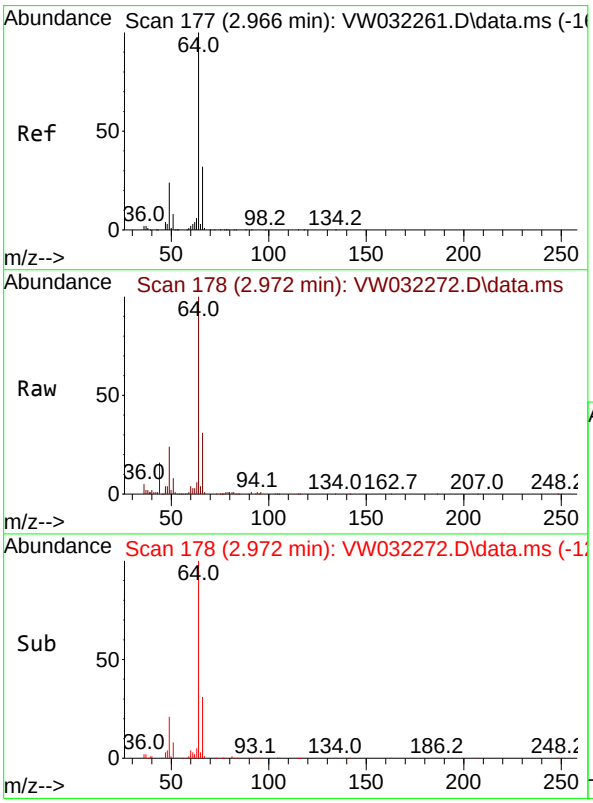
Ion	Ratio	Lower	Upper
94	100		
96	98.9	70.0	105.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

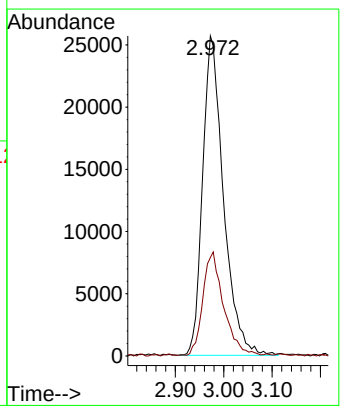
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

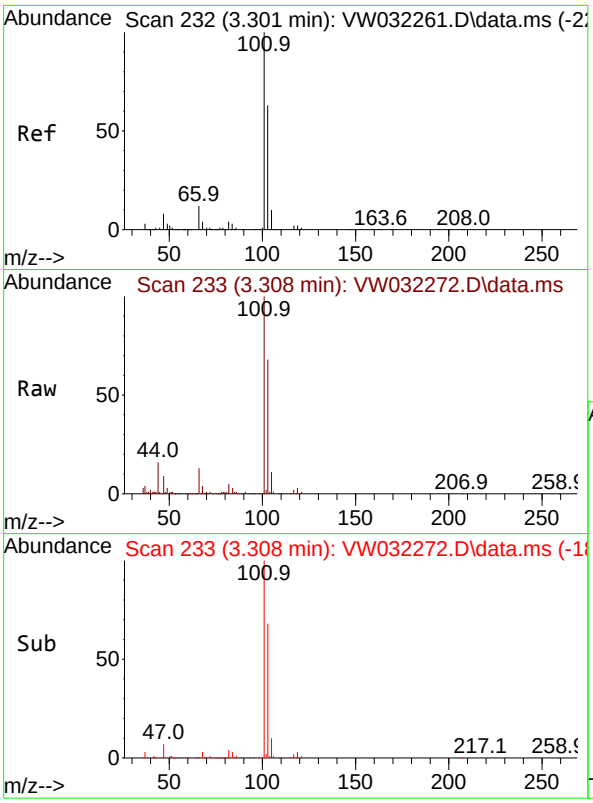


#6
Chloroethane
Concen: 68.523 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 64 Resp: 76968

Ion	Ratio	Lower	Upper
64	100		
66	30.6	25.5	38.3

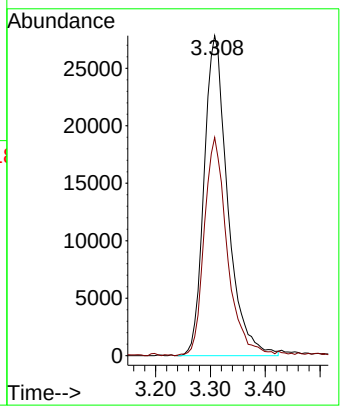




#7
Trichlorofluoromethane
Concen: 66.632 ug/l
RT: 3.308 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:101 Resp: 8322

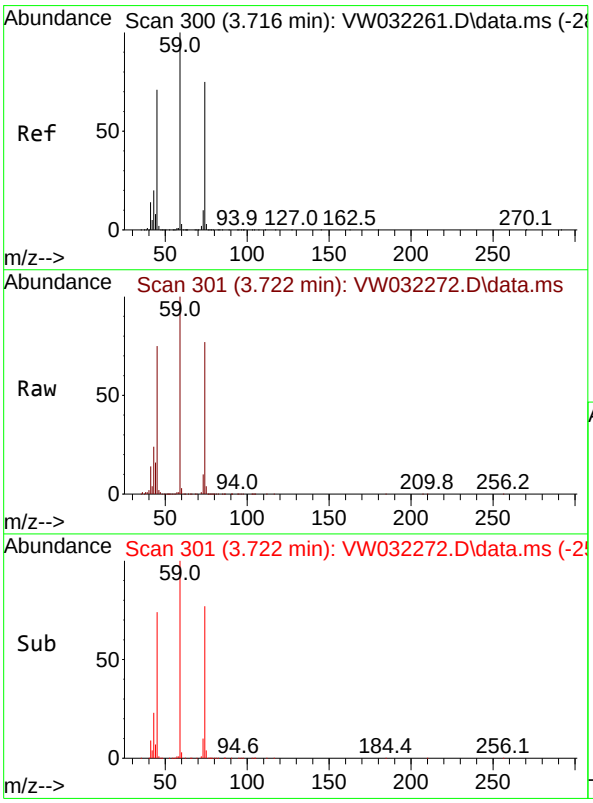
Ion	Ratio	Lower	Upper
101	100		
103	68.0	50.3	75.5



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

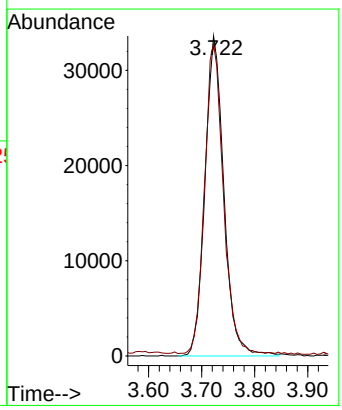
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

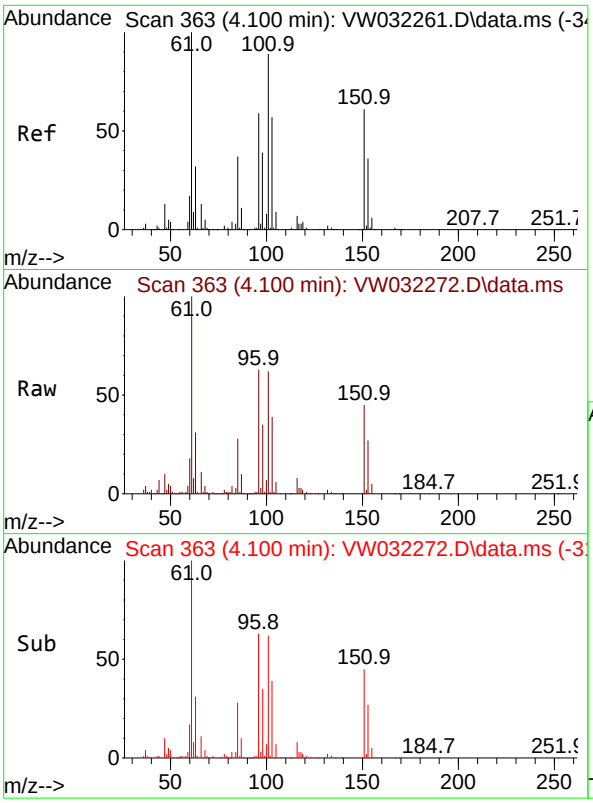


#8
Diethyl Ether
Concen: 70.586 ug/l
RT: 3.722 min Scan# 301
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 74 Resp: 83361

Ion	Ratio	Lower	Upper
74	100		
45	95.7	49.0	147.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.156 ug/l
RT: 4.100 min Scan# 3
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

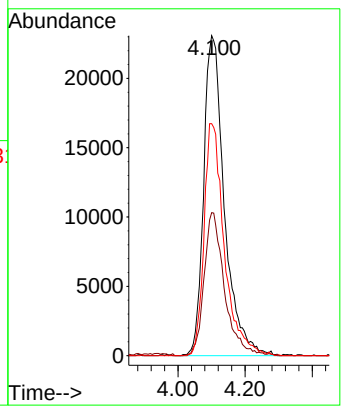
Tgt Ion:101 Resp: 9909

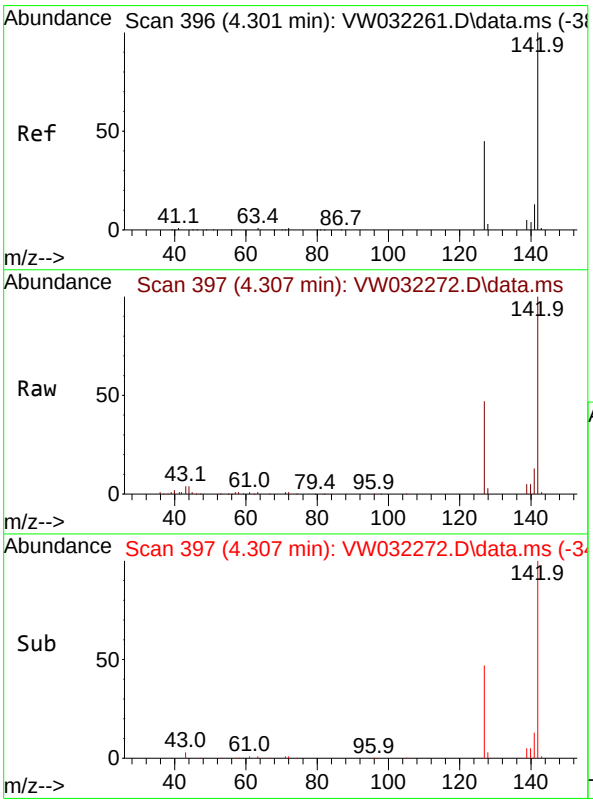
Ion	Ratio	Lower	Upper
101	100		
85	43.9	33.7	50.5
151	70.9	55.7	83.5

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

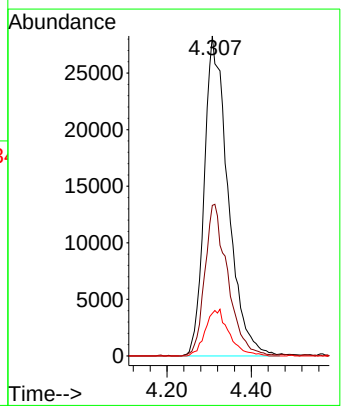


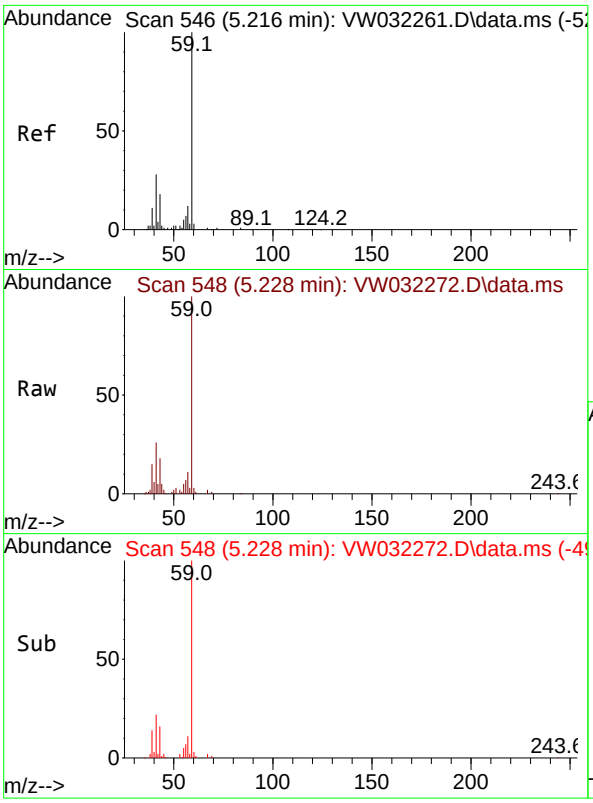


#10
Methyl Iodide
Concen: 51.340 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:142 Resp: 110704

Ion	Ratio	Lower	Upper
142	100		
127	46.0	36.9	55.3
141	14.5	12.0	18.0





#11
Tert butyl alcohol
Concen: 348.426 ug/l
RT: 5.228 min Scan# 5
Delta R.T. 0.012 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

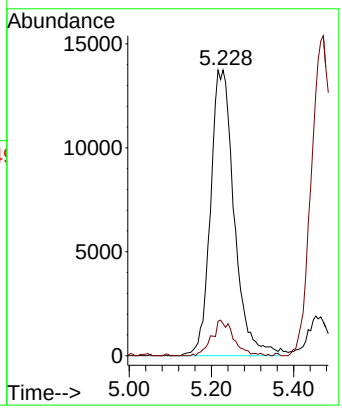
Tgt Ion: 59 Resp: 5479

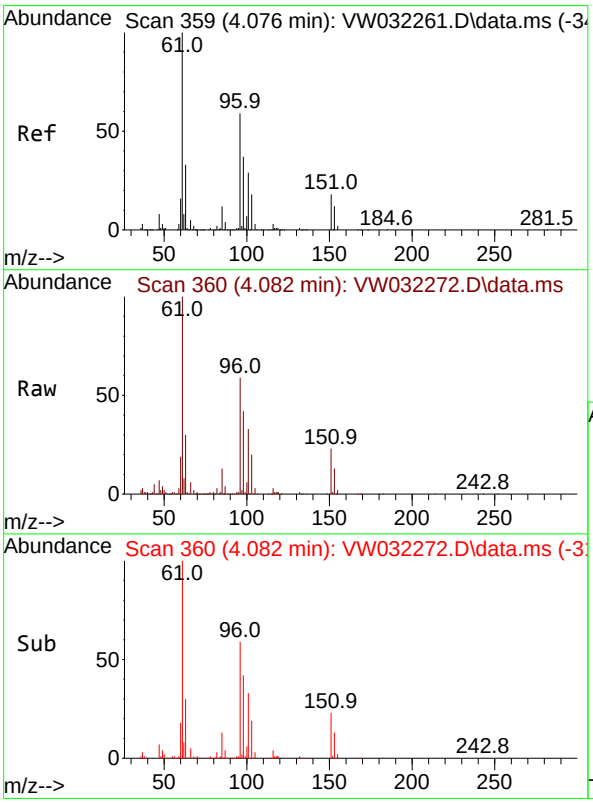
Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.9	13.3

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

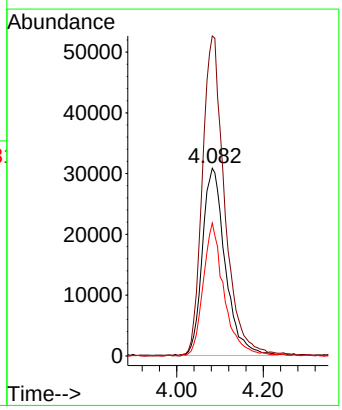


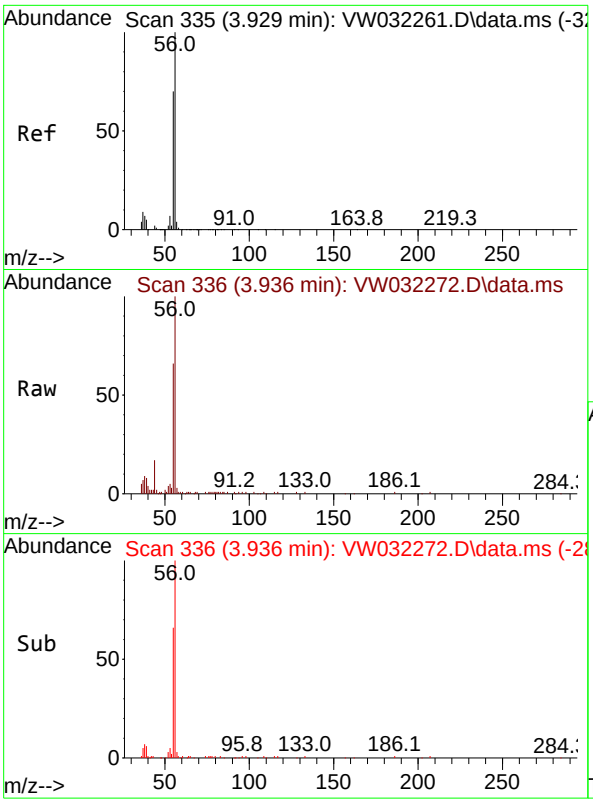


#12
1,1-Dichloroethene
Concen: 66.402 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 96 Resp: 113160

Ion	Ratio	Lower	Upper
96	100		
61	170.9	136.3	204.5
98	70.6	50.7	76.1

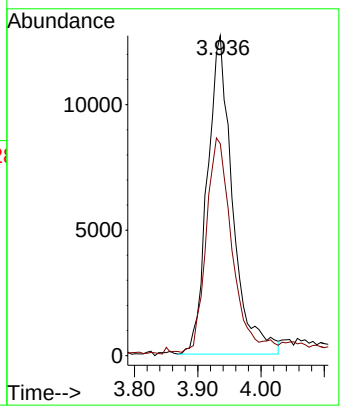




#13
Acrolein
Concen: 125.357 ug/l
RT: 3.936 min Scan# 3
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 56 Resp: 3508

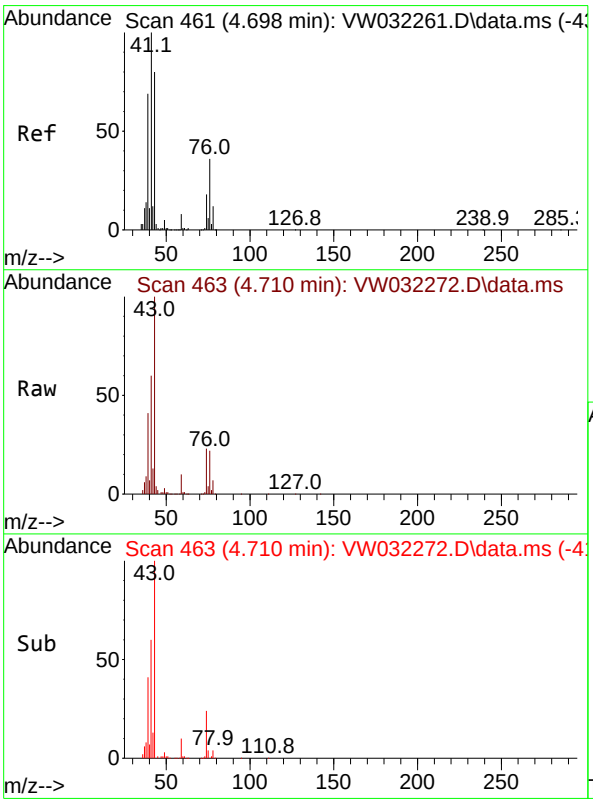
Ion	Ratio	Lower	Upper
56	100		
55	67.3	53.2	79.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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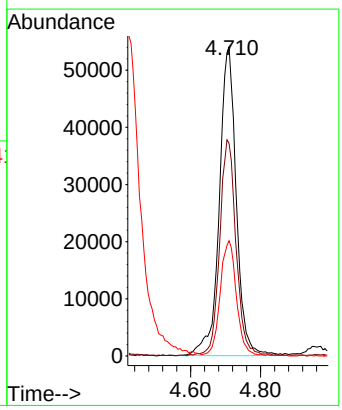
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

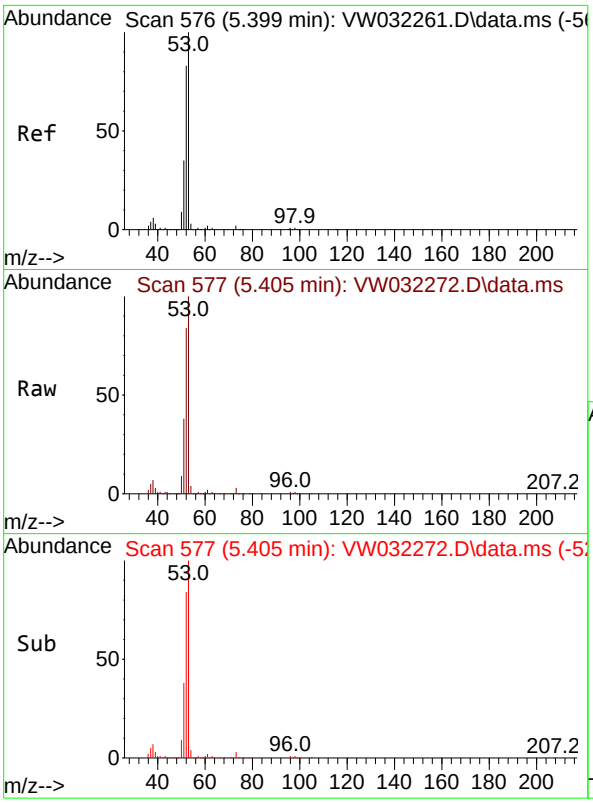


#14
Allyl chloride
Concen: 68.876 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.012 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 41 Resp: 182159

Ion	Ratio	Lower	Upper
41	100		
39	67.1	54.3	81.5
76	35.1	28.7	43.1

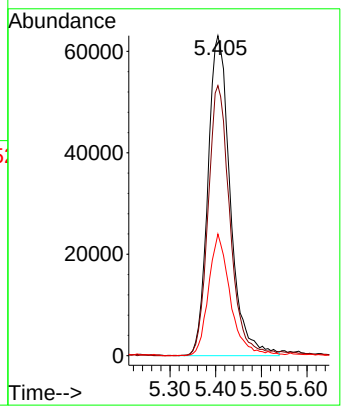




#15
Acrylonitrile
Concen: 351.872 ug/l
RT: 5.405 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 53 Resp: 21402

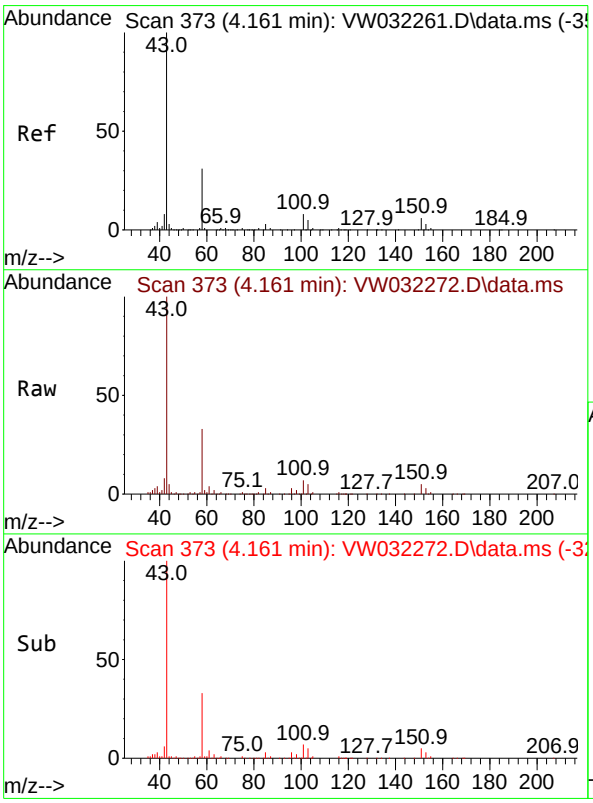
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.3	99.5
51	37.3	29.6	44.4



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

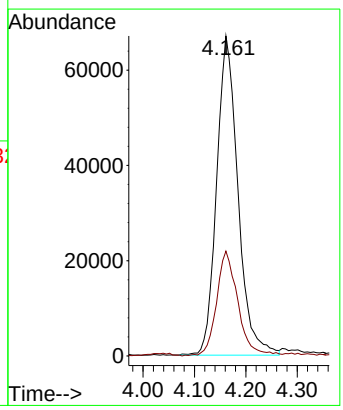
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

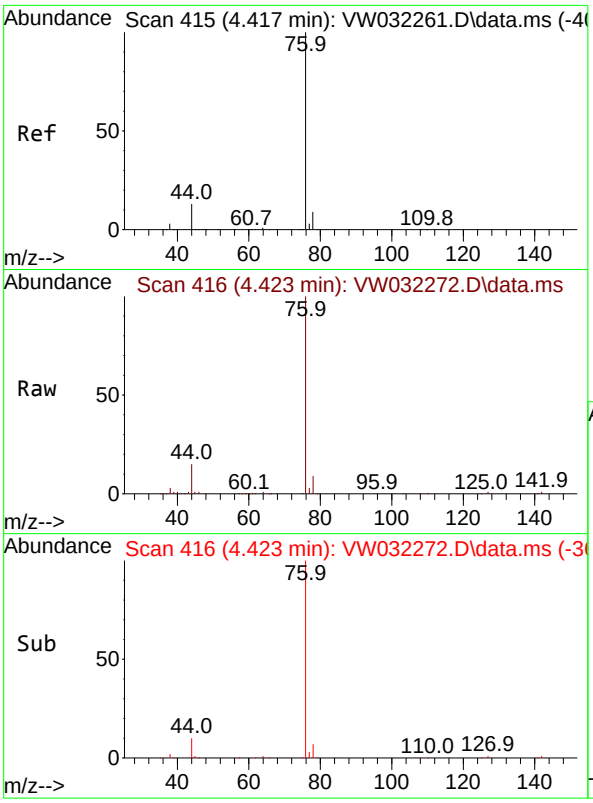


#16
Acetone
Concen: 332.097 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 193229

Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.4	38.0

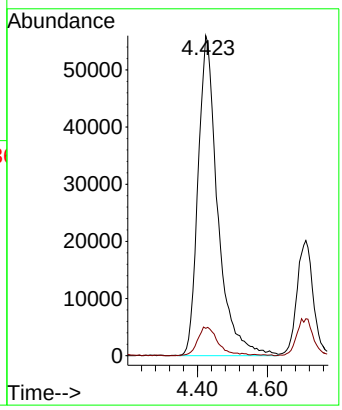




#17
Carbon Disulfide
Concen: 55.628 ug/l
RT: 4.423 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 76 Resp: 21796

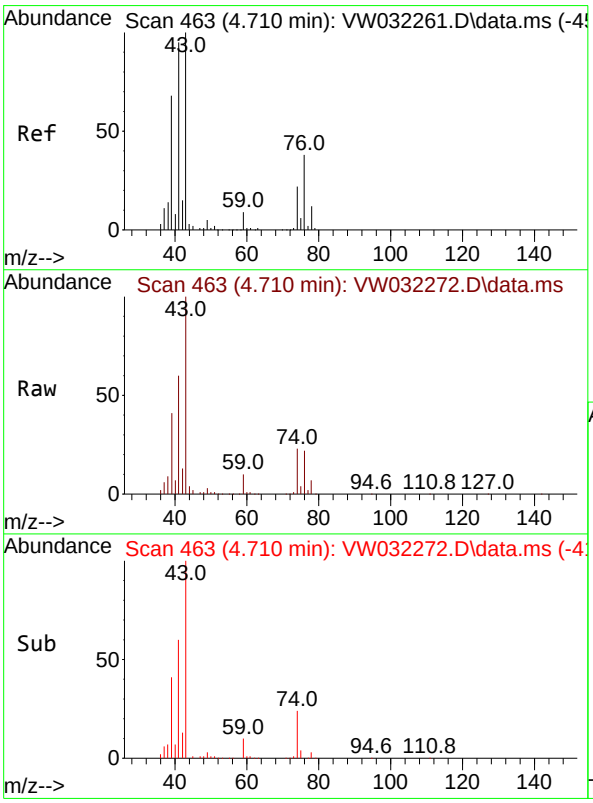
Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.2	10.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

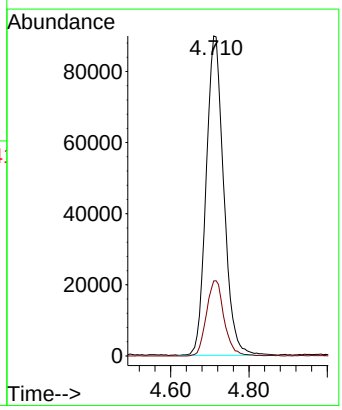
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

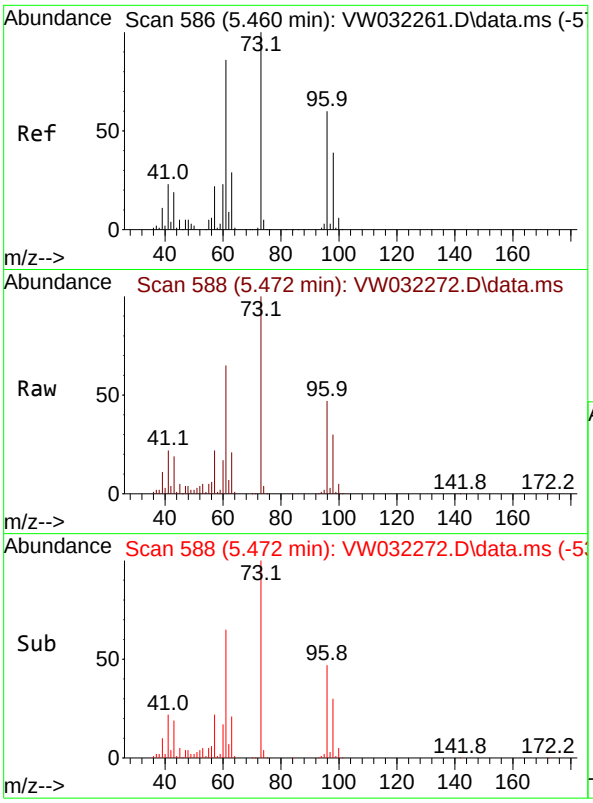


#18
Methyl Acetate
Concen: 139.731 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 279617

Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.8	28.2

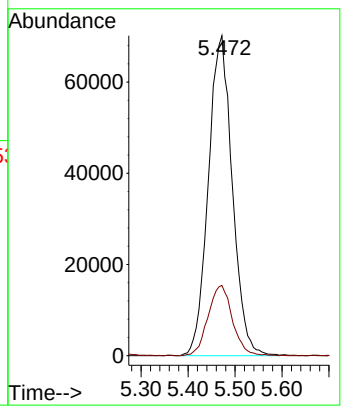




#19
Methyl tert-butyl Ether
Concen: 78.753 ug/l
RT: 5.472 min Scan# 5
Delta R.T. 0.012 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 73 Resp: 24877

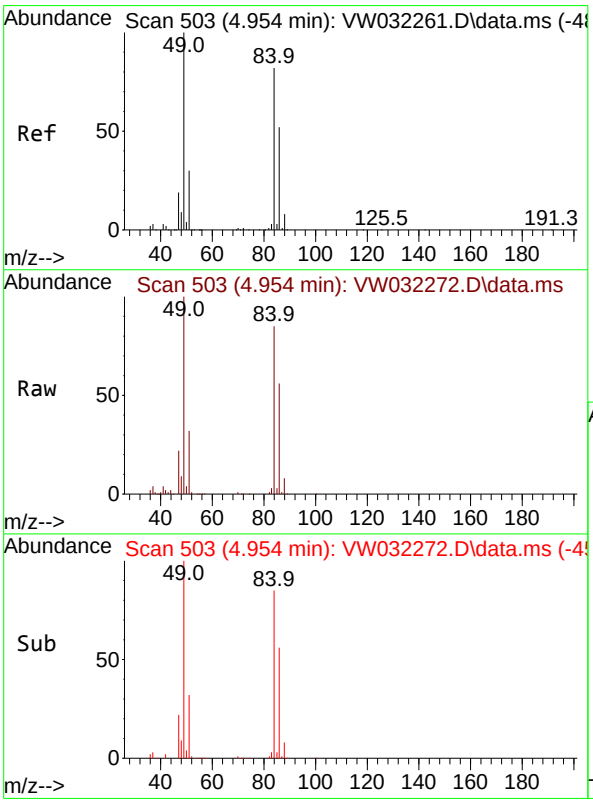
Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.3	25.9



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

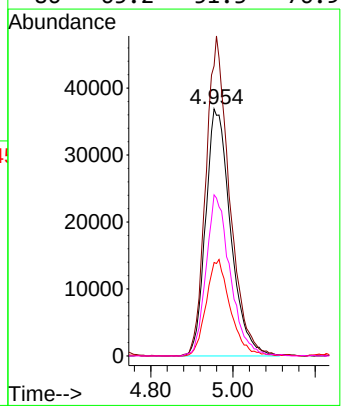
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

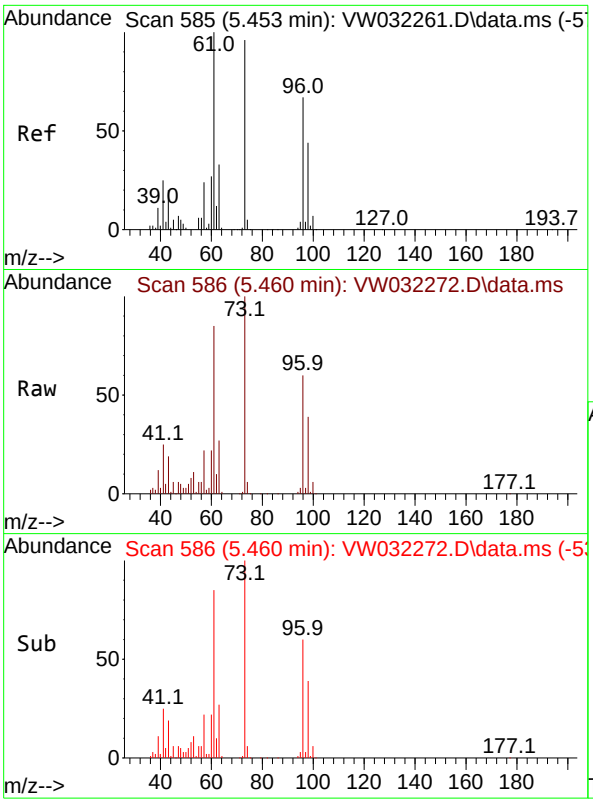


#20
Methylene Chloride
Concen: 78.113 ug/l
RT: 4.954 min Scan# 503
Delta R.T. -0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 84 Resp: 155338

Ion	Ratio	Lower	Upper
84	100		
49	117.5	97.8	146.6
51	37.9	29.9	44.9
86	65.2	51.3	76.9

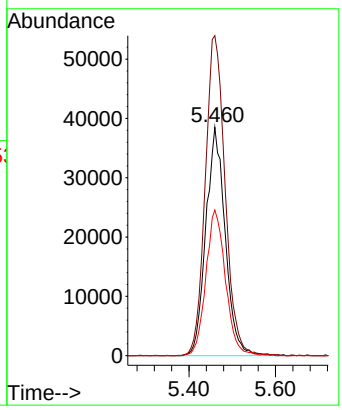




#21
trans-1,2-Dichloroethene
Concen: 65.128 ug/l
RT: 5.460 min Scan# 5
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 96 Resp: 11968

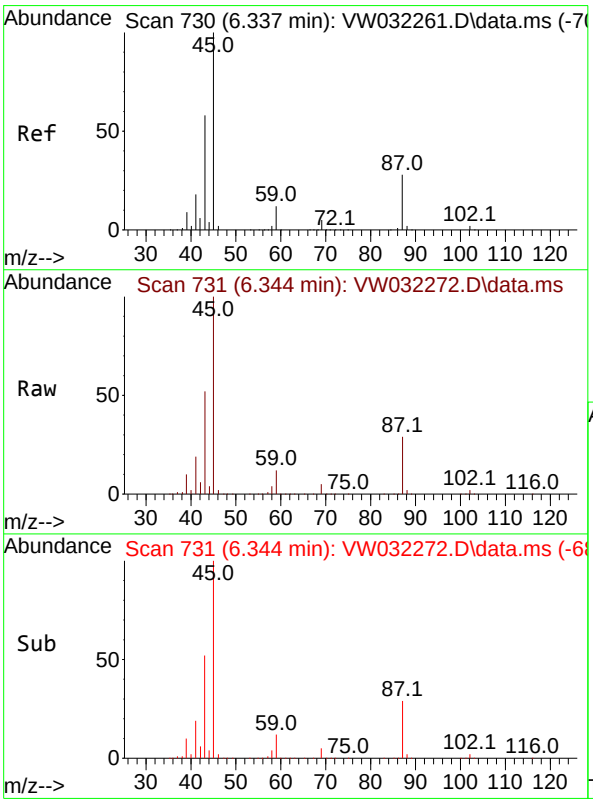
Ion	Ratio	Lower	Upper
96	100		
61	140.0	119.2	178.8
98	63.7	52.5	78.7



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

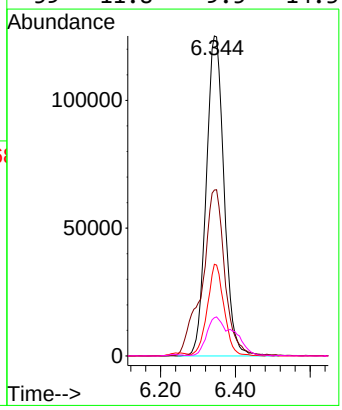
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

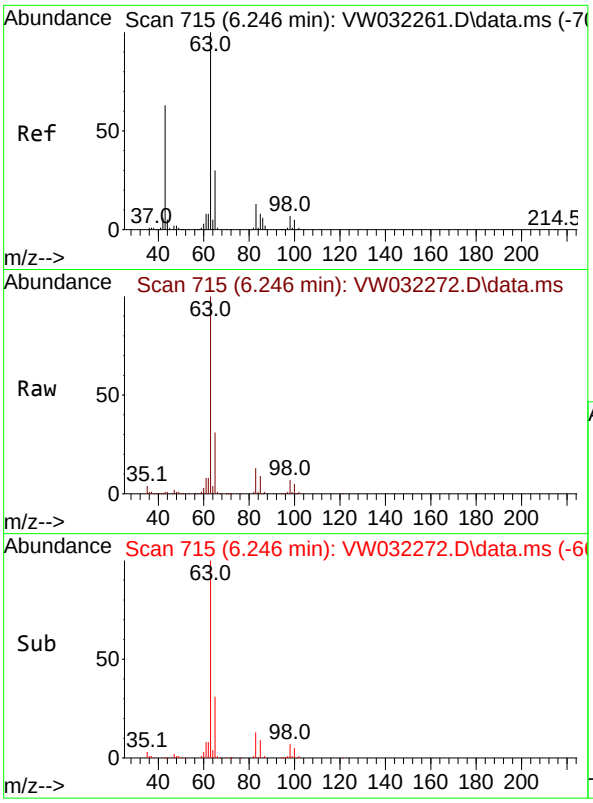


#22
Diisopropyl ether
Concen: 70.473 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 45 Resp: 414157

Ion	Ratio	Lower	Upper
45	100		
43	51.6	46.2	69.4
87	28.6	22.2	33.2
59	11.8	9.5	14.3

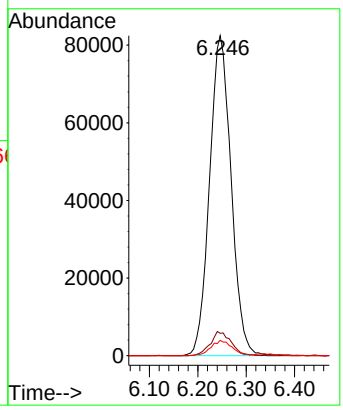




#24
1,1-Dichloroethane
Concen: 68.848 ug/l
RT: 6.246 min Scan# 7
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 63 Resp: 25541

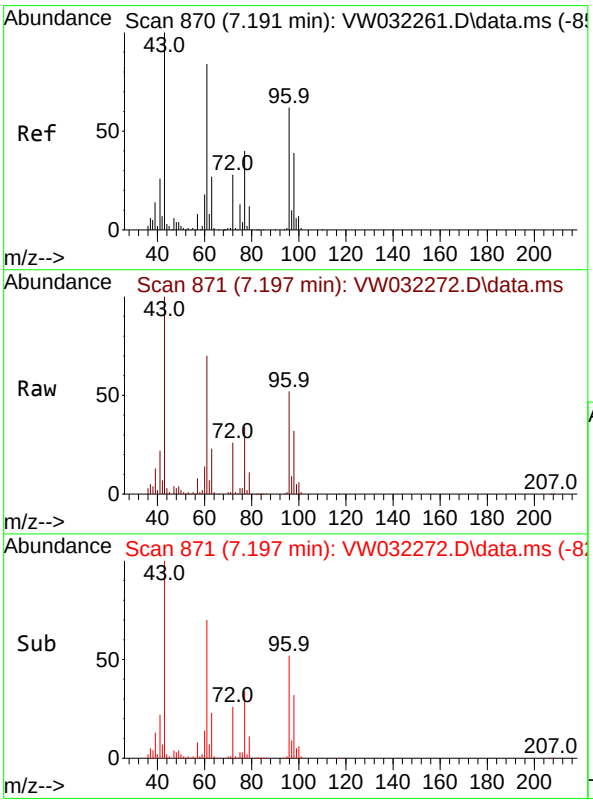
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.9
100	4.8	2.4	7.1



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

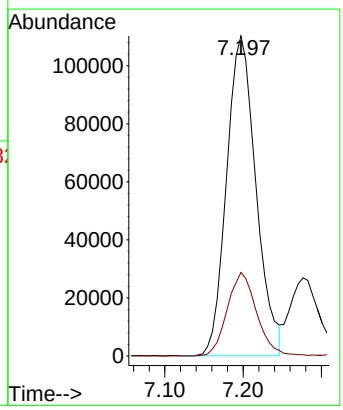
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

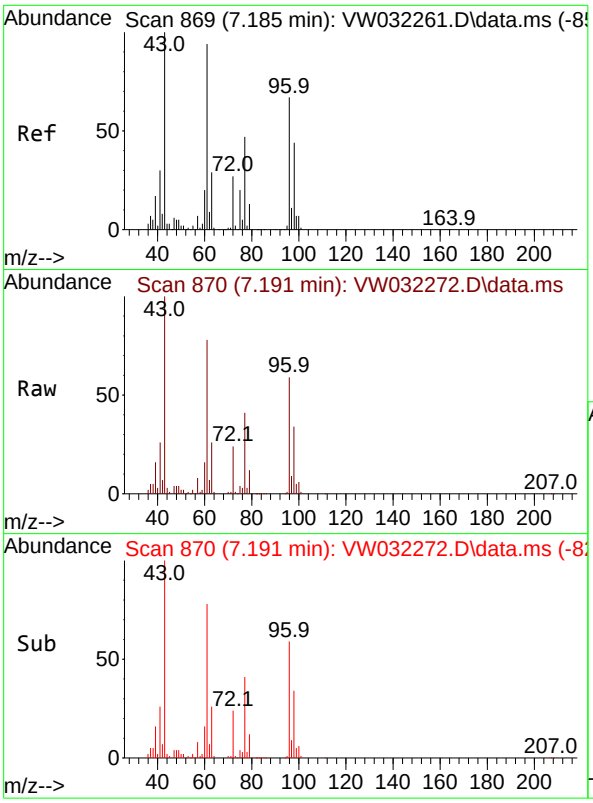


#25
2-Butanone
Concen: 355.048 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 287945

Ion	Ratio	Lower	Upper
43	100		
72	26.1	22.3	33.5

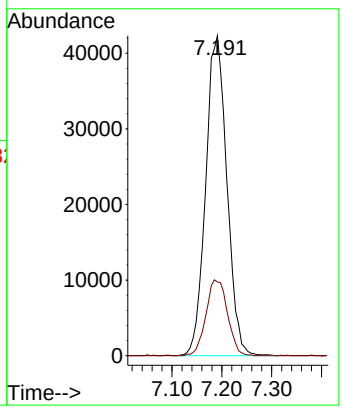




#26
2,2-Dichloropropane
Concen: 68.329 ug/l
RT: 7.191 min Scan# 8
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 77 Resp: 12491

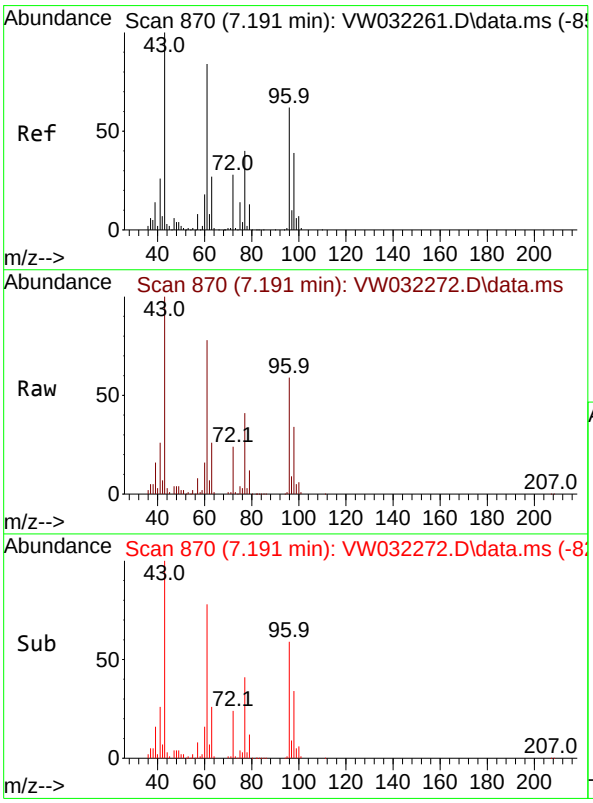
Ion	Ratio	Lower	Upper
77	100		
97	24.1	11.7	35.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

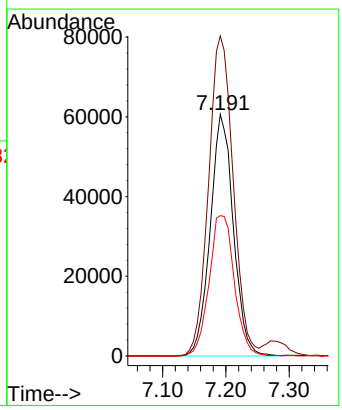
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

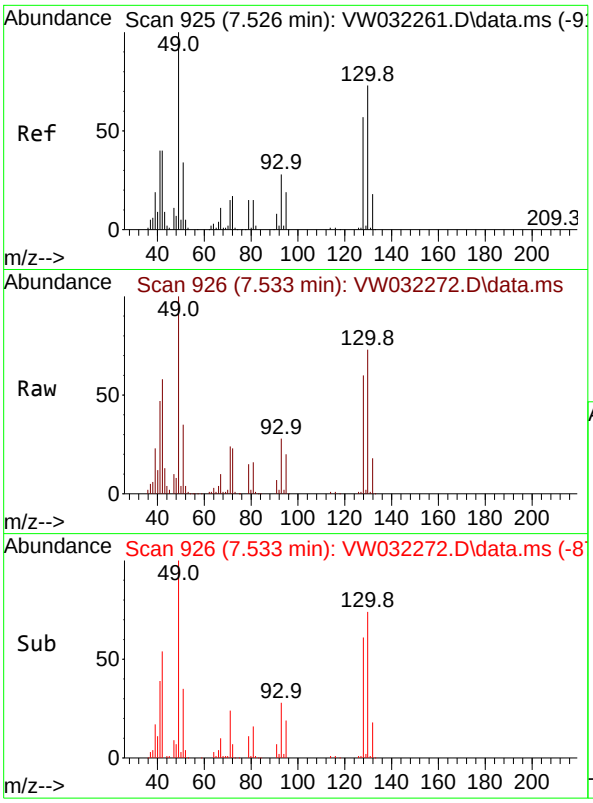


#27
cis-1,2-Dichloroethene
Concen: 67.355 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 96 Resp: 153943

Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	281.8
98	63.2	0.0	130.8

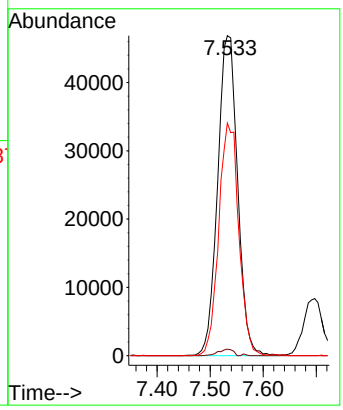




#28
Bromochloromethane
Concen: 69.380 ug/l
RT: 7.533 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 49 Resp: 12281

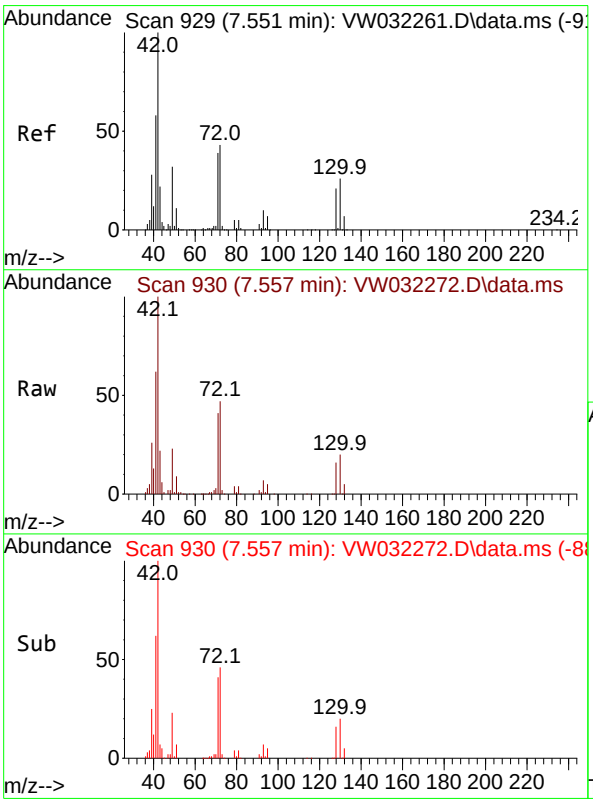
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.2
130	72.7	0.0	0.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

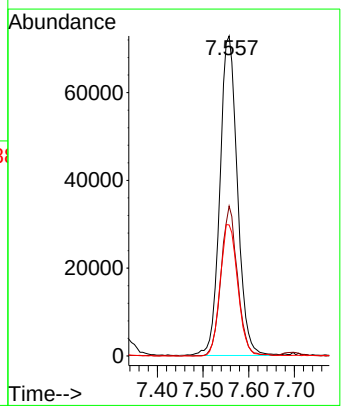
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

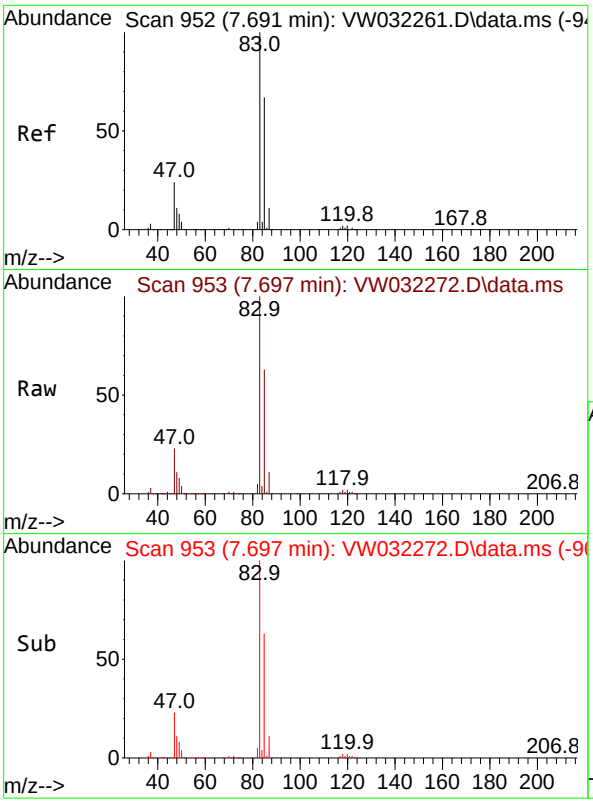


#29
Tetrahydrofuran
Concen: 368.912 ug/l
RT: 7.557 min Scan# 930
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 42 Resp: 194234

Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.1	52.7
71	41.6	33.3	49.9





#30
Chloroform
Concen: 67.752 ug/l
RT: 7.697 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

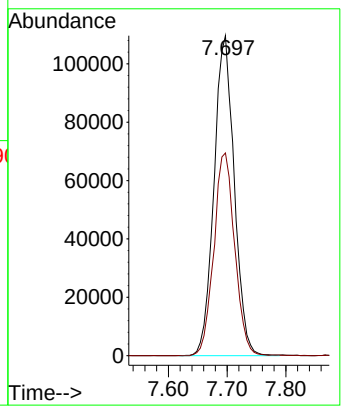
Tgt Ion: 83 Resp: 26225

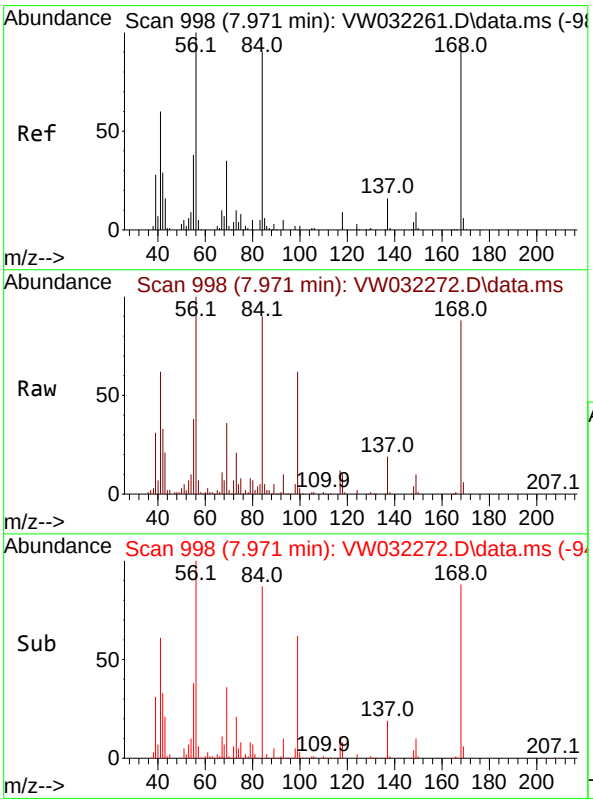
Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.3	79.9

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

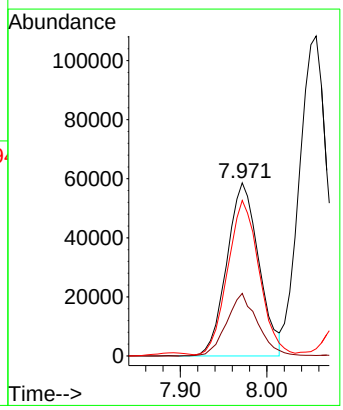


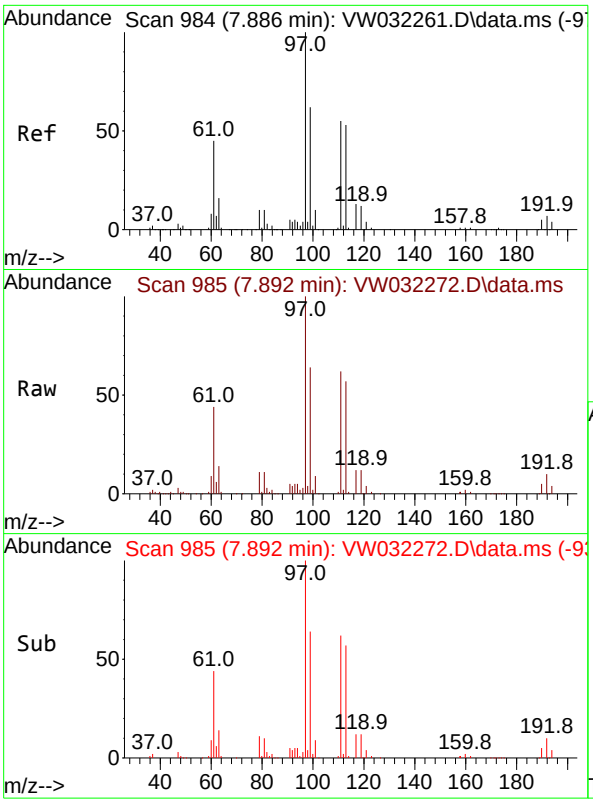


#31
Cyclohexane
Concen: 51.524 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 56 Resp: 150727

Ion	Ratio	Lower	Upper
56	100		
69	36.2	28.2	42.2
84	88.1	71.8	107.6

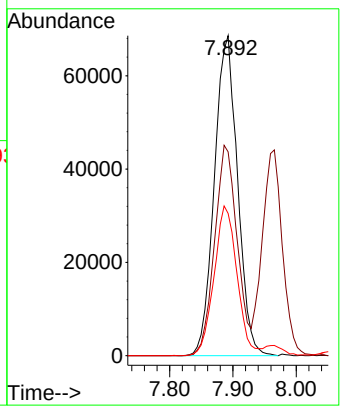




#32
1,1,1-Trichloroethane
Concen: 66.855 ug/l
RT: 7.892 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 97 Resp: 17433

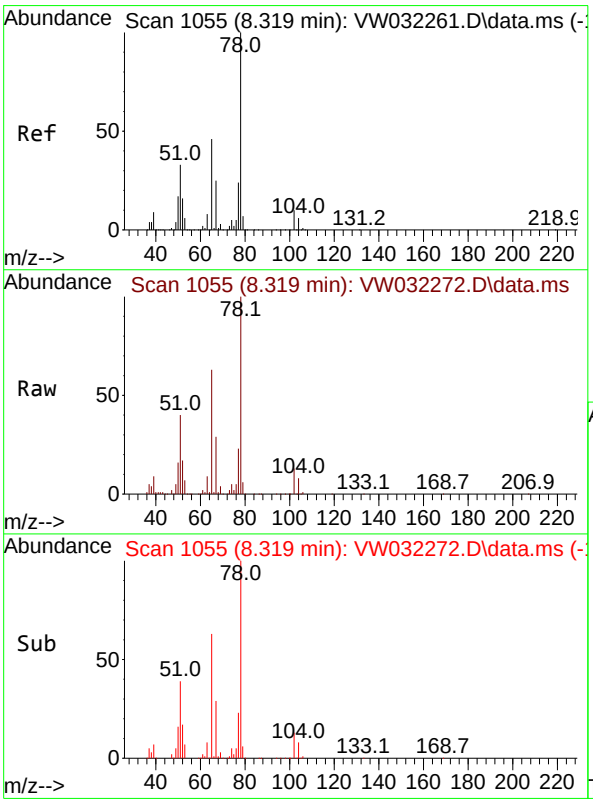
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	76.0
61	46.7	36.2	54.4



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

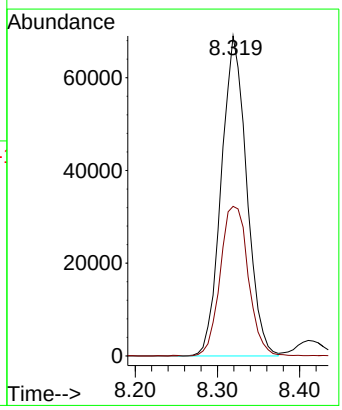
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

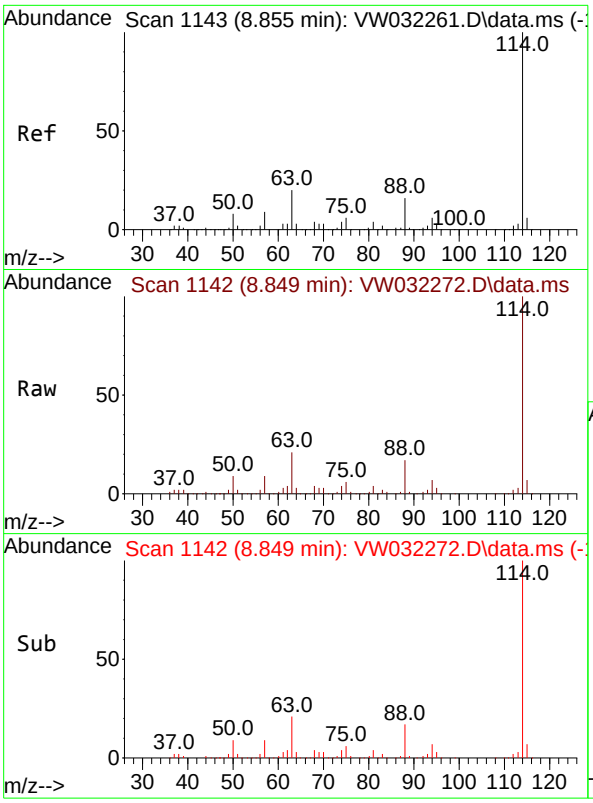


#33
1,2-Dichloroethane-d4
Concen: 65.308 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 65 Resp: 147964

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.8

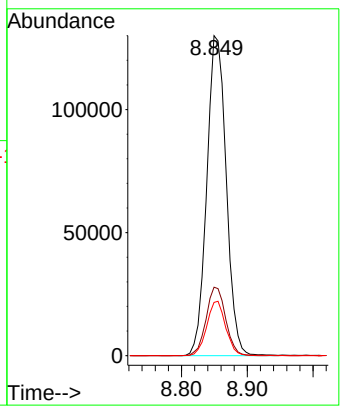




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:114 Resp: 26758

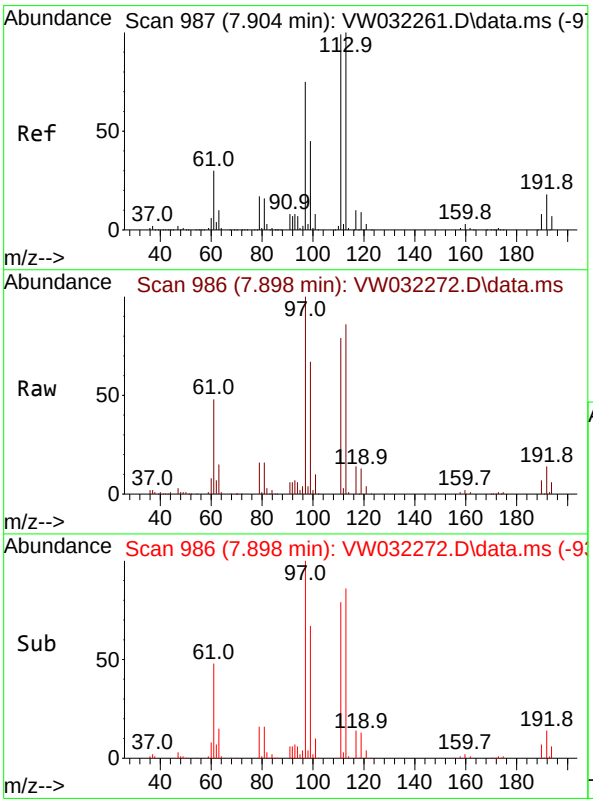
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.2
88	16.6	0.0	32.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

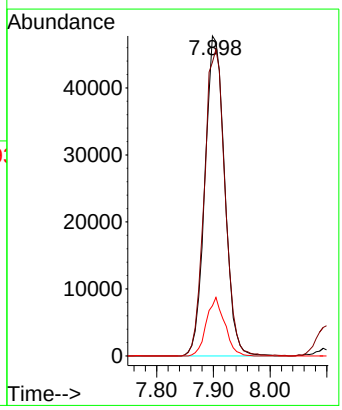
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

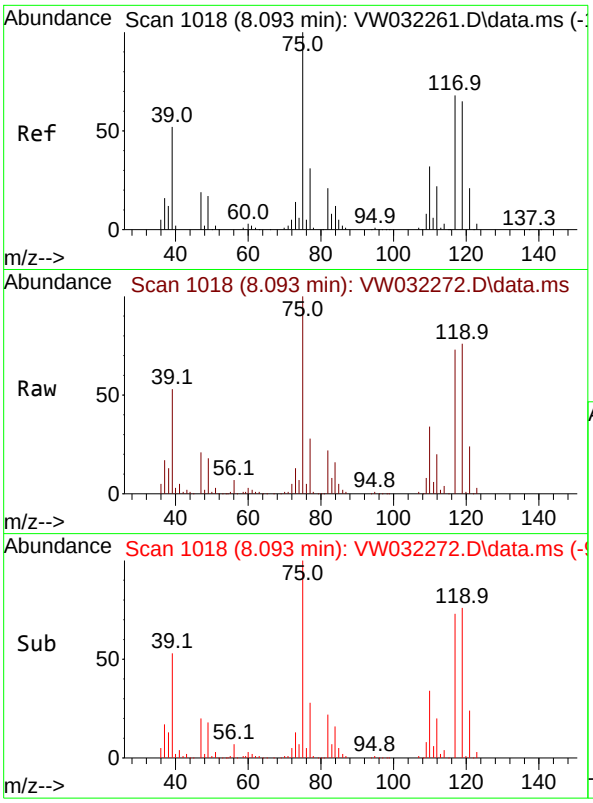


#35
Dibromofluoromethane
Concen: 60.020 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:113 Resp: 115501

Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.8	122.8
192	17.0	13.0	19.4

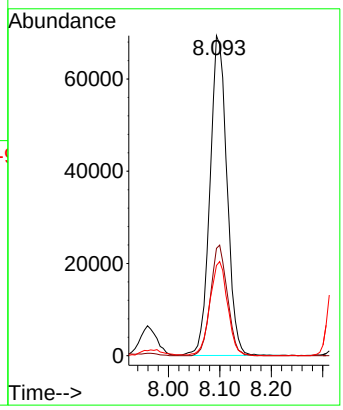




#36
1,1-Dichloropropene
Concen: 61.301 ug/l
RT: 8.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 75 Resp: 15904

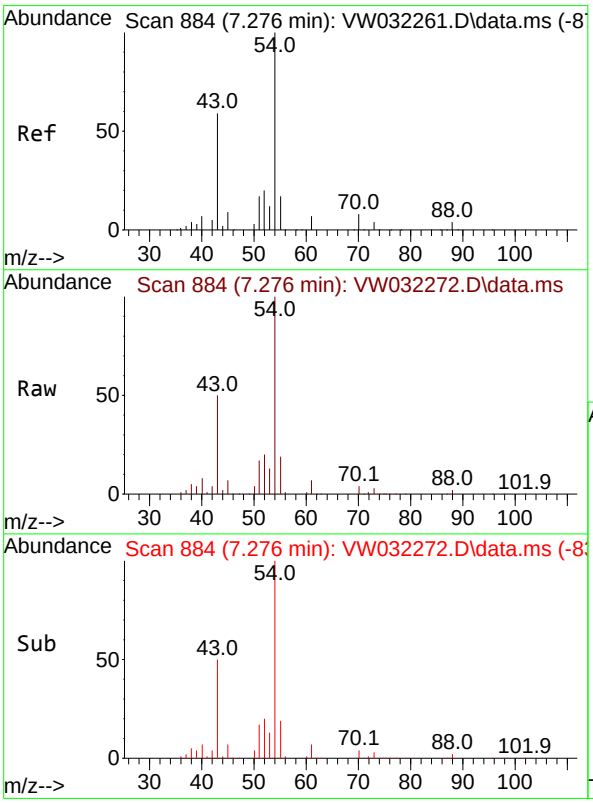
Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.7	50.1
77	30.8	25.2	37.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

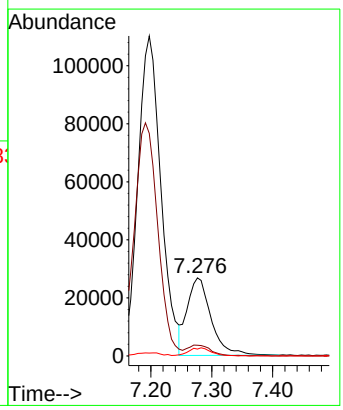
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

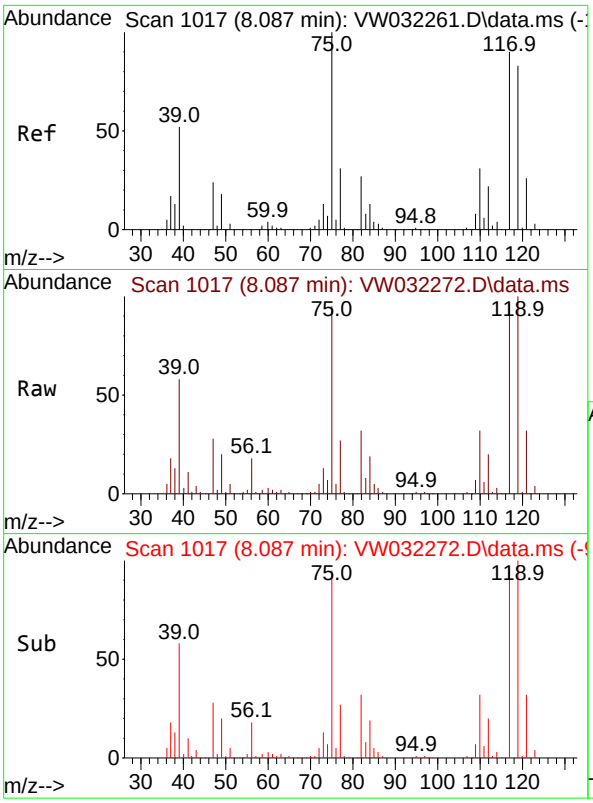


#37
Ethyl Acetate
Concen: 42.243 ug/l
RT: 7.276 min Scan# 884
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 72687

Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.5	15.7
70	9.9	8.5	12.7

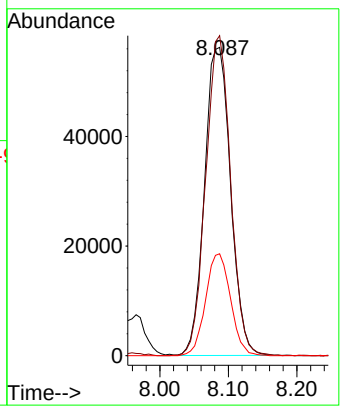




#38
Carbon Tetrachloride
Concen: 60.908 ug/l
RT: 8.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:117 Resp: 14867

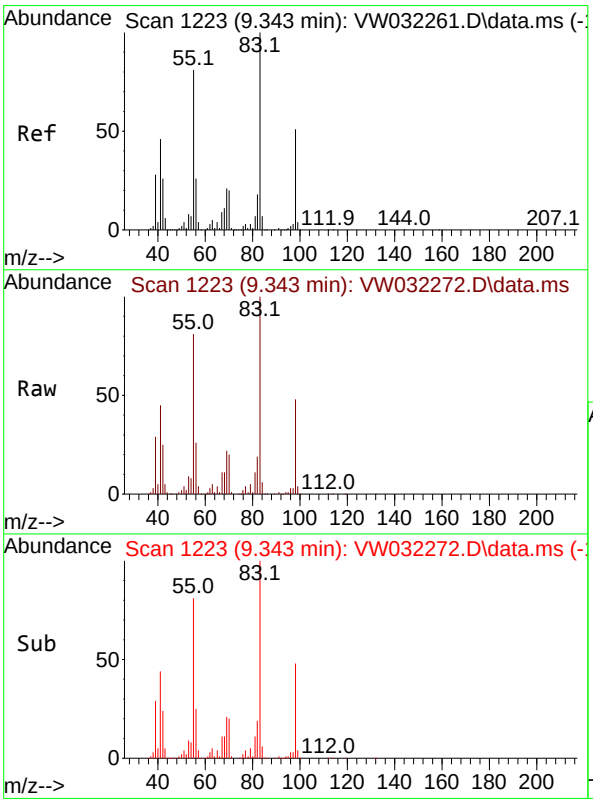
Ion	Ratio	Lower	Upper
117	100		
119	103.7	73.9	110.9
121	33.1	23.0	34.6



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

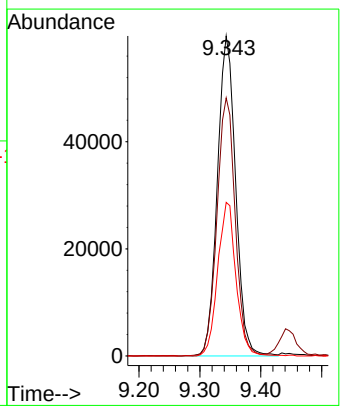
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

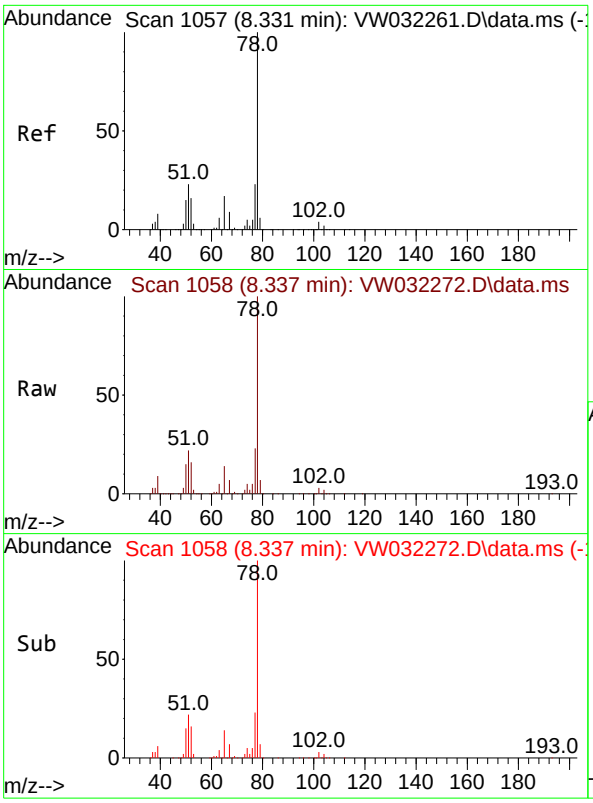


#39
Methylcyclohexane
Concen: 41.521 ug/l
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 83 Resp: 124647

Ion	Ratio	Lower	Upper
83	100		
55	80.6	65.0	97.6
98	48.0	40.8	61.2

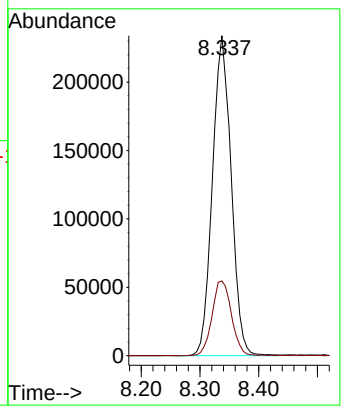




#40
Benzene
Concen: 63.471 ug/l
RT: 8.337 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 78 Resp: 51833

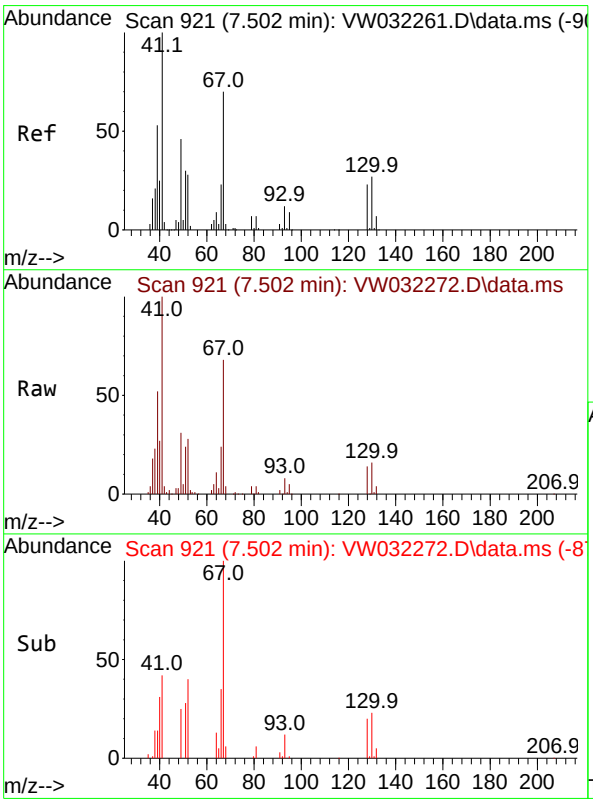
Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

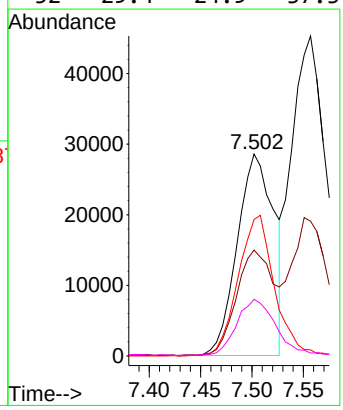
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

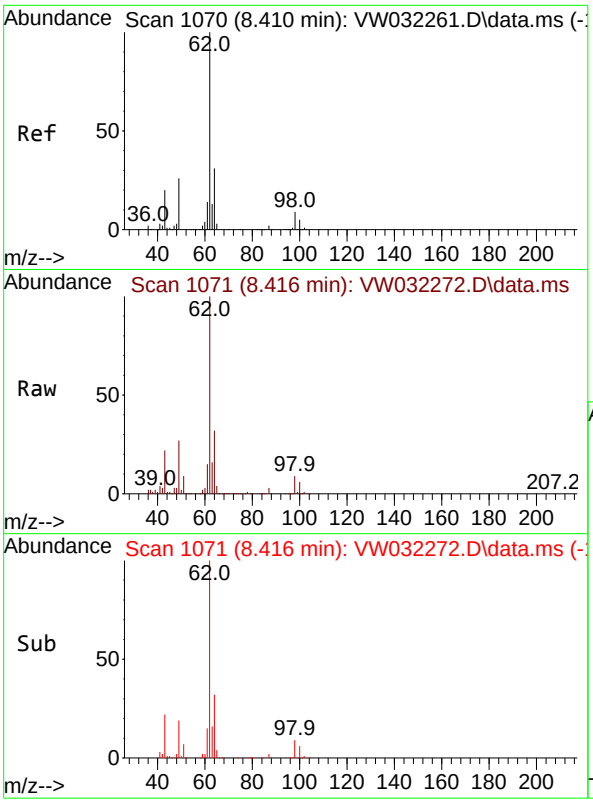


#41
Methacrylonitrile
Concen: 71.944 ug/l
RT: 7.502 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 41 Resp: 70899

Ion	Ratio	Lower	Upper
41	100		
39	53.8	46.9	70.3
67	69.6	59.0	88.4
52	29.4	24.9	37.3

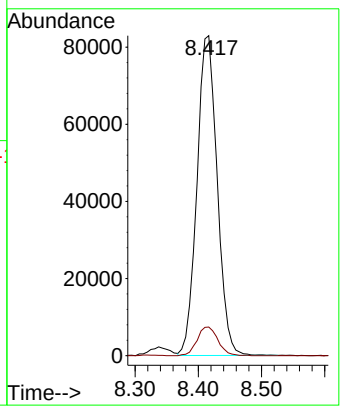




#42
1,2-Dichloroethane
Concen: 68.078 ug/l
RT: 8.416 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 62 Resp: 18479

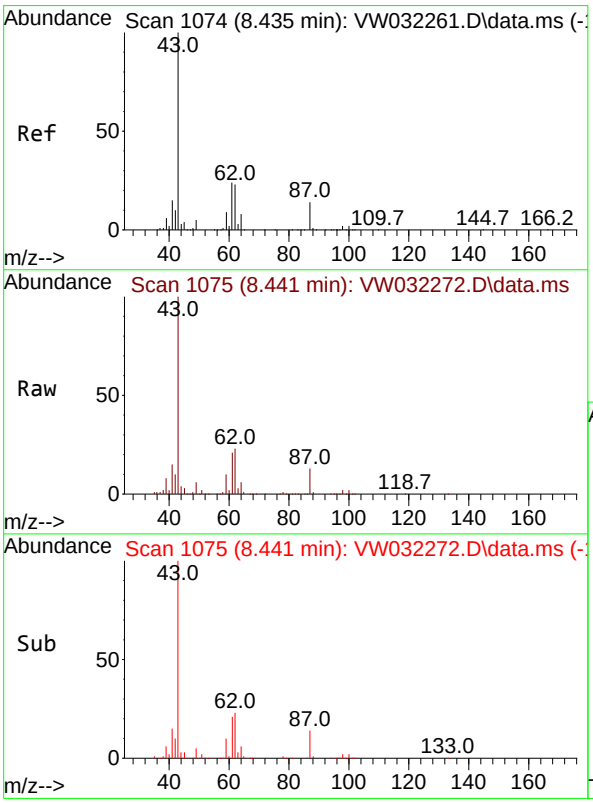
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

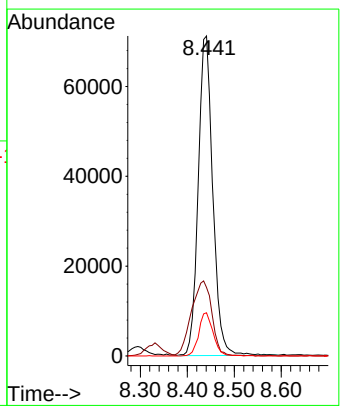
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

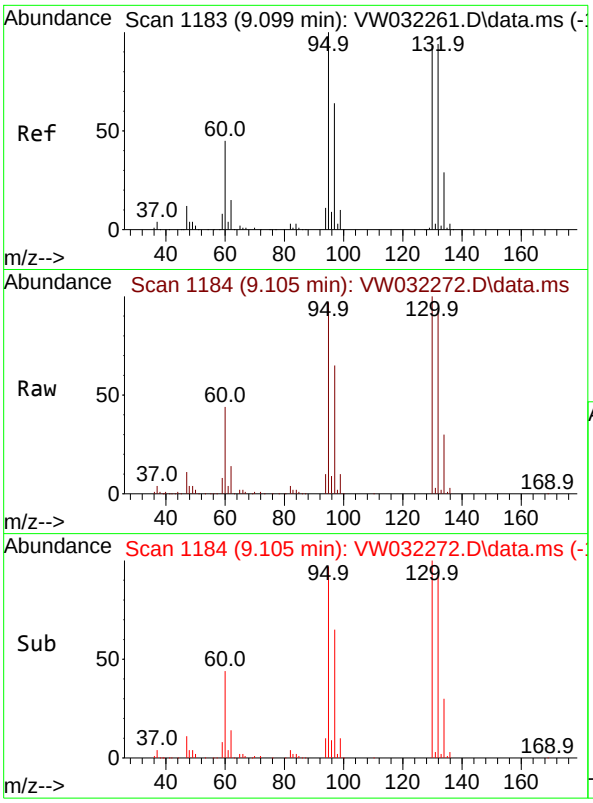


#43
Isopropyl Acetate
Concen: 49.842 ug/l
RT: 8.441 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 153520

Ion	Ratio	Lower	Upper
43	100		
61	32.6	24.2	36.2
87	13.3	10.6	16.0

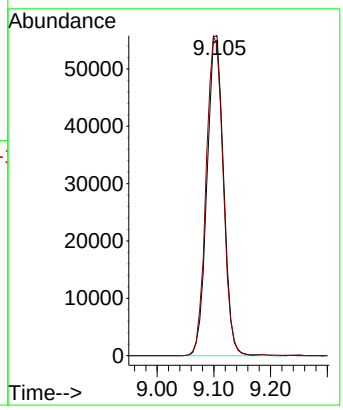




#44
Trichloroethene
Concen: 59.374 ug/l
RT: 9.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:130 Resp: 11333

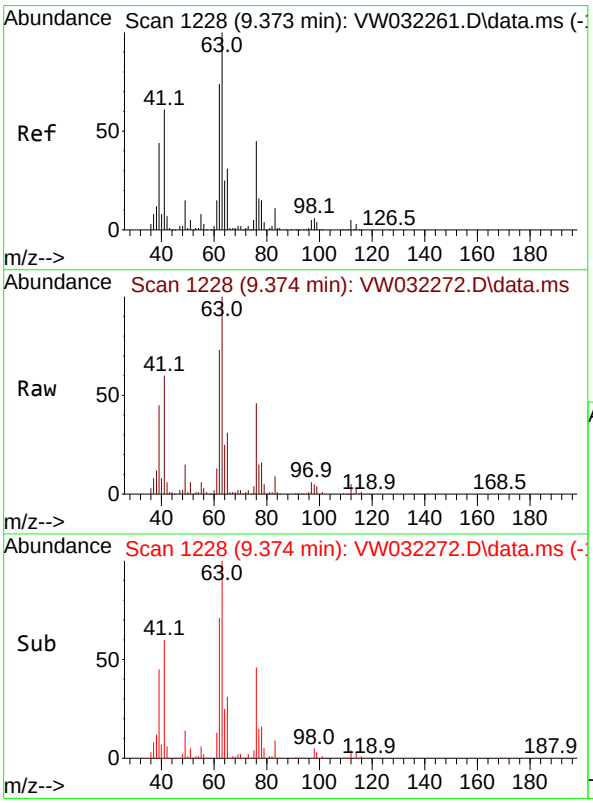
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	215.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

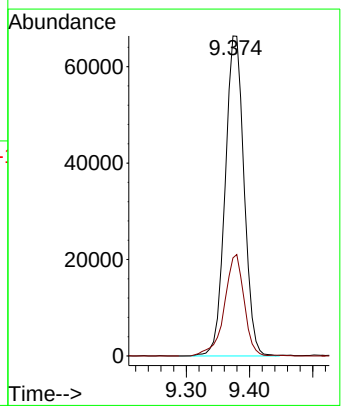
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

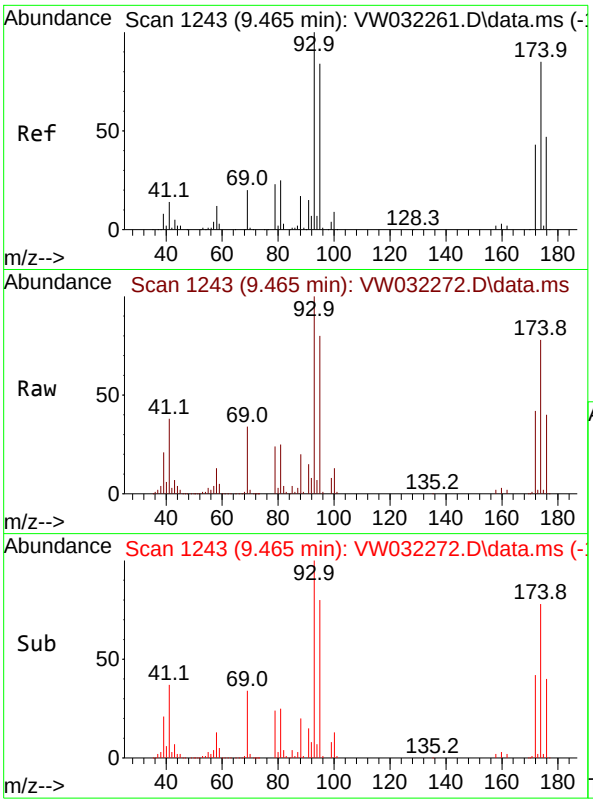


#45
1,2-Dichloropropane
Concen: 64.859 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 63 Resp: 137183

Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.9	37.3

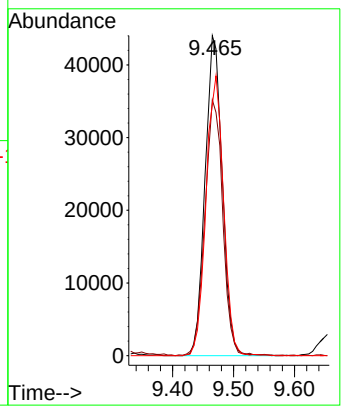




#46
Dibromomethane
Concen: 66.425 ug/l
RT: 9.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 93 Resp: 8638

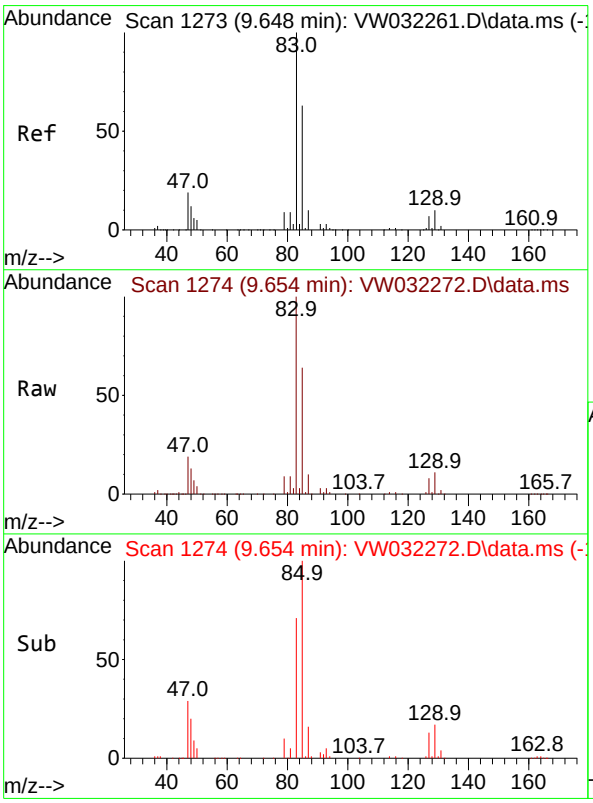
Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.6	99.8
174	89.3	69.0	103.6



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

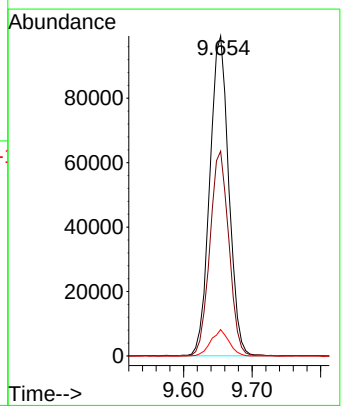
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

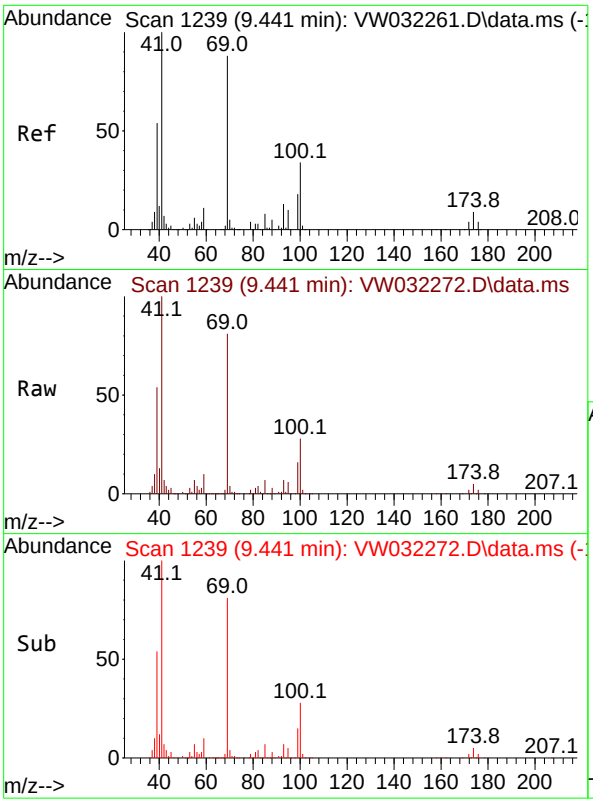


#47
Bromodichloromethane
Concen: 64.308 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 83 Resp: 190738

Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.3	75.5
127	8.3	5.6	8.4





#48
Methyl methacrylate
Concen: 92.911 ug/l
RT: 9.441 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

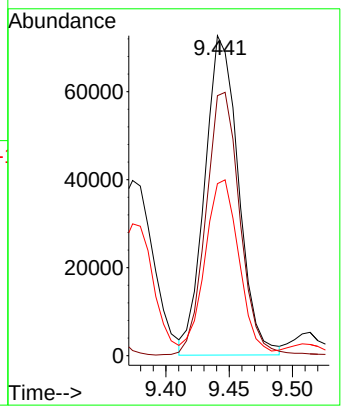
Tgt Ion: 41 Resp: 13463

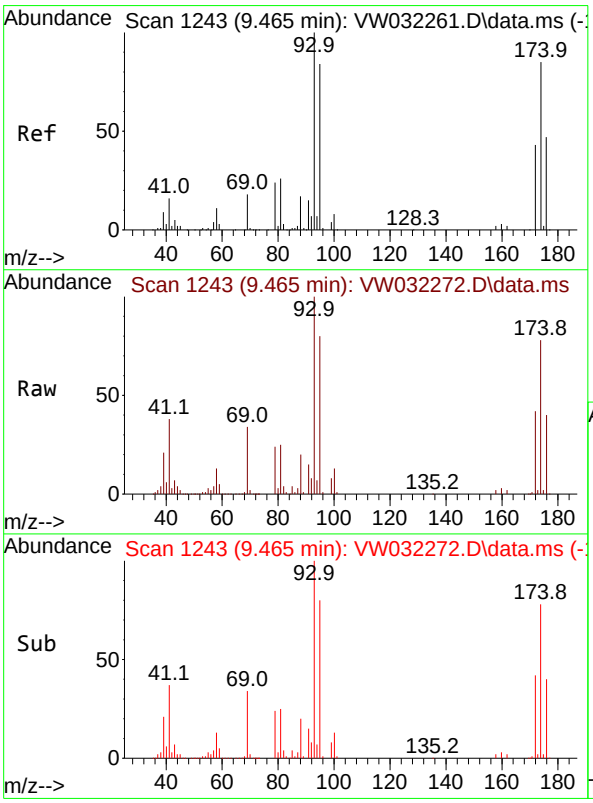
Ion	Ratio	Lower	Upper
41	100		
69	82.7	71.4	107.0
39	55.7	46.9	70.3

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

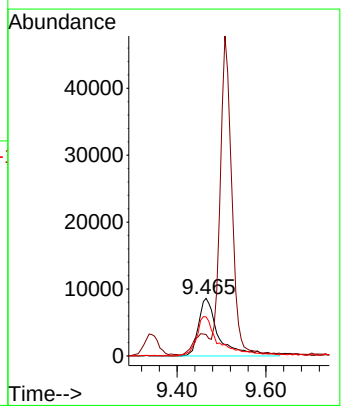


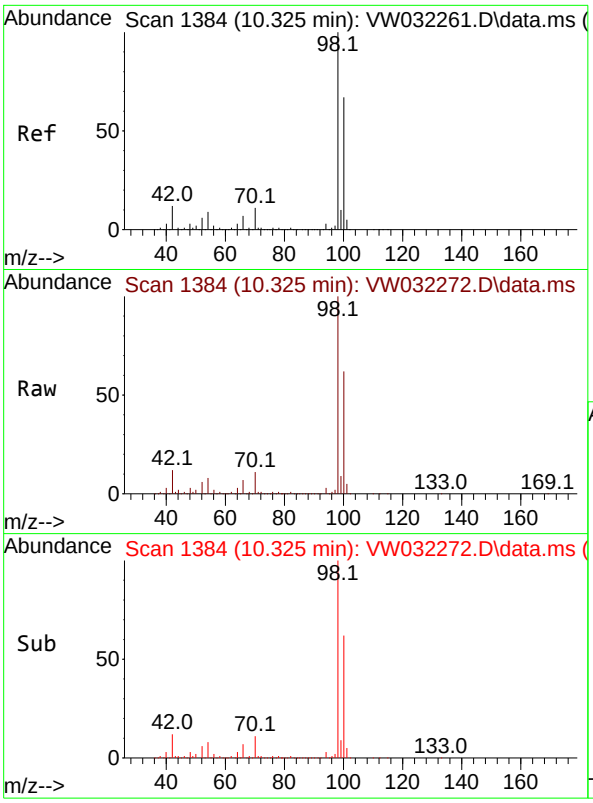


#49
1,4-Dioxane
Concen: 1563.353 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 88 Resp: 27228

Ion	Ratio	Lower	Upper
88	100		
43	30.3	0.0	0.0#
58	74.5	62.9	94.3





#50
Toluene-d8
Concen: 51.012 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

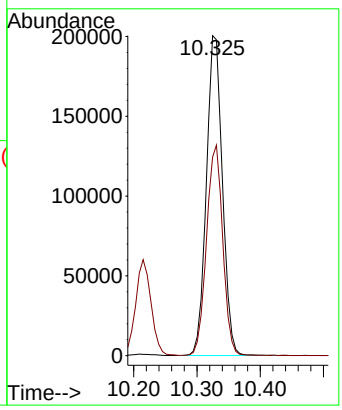
Tgt Ion: 98 Resp: 35378

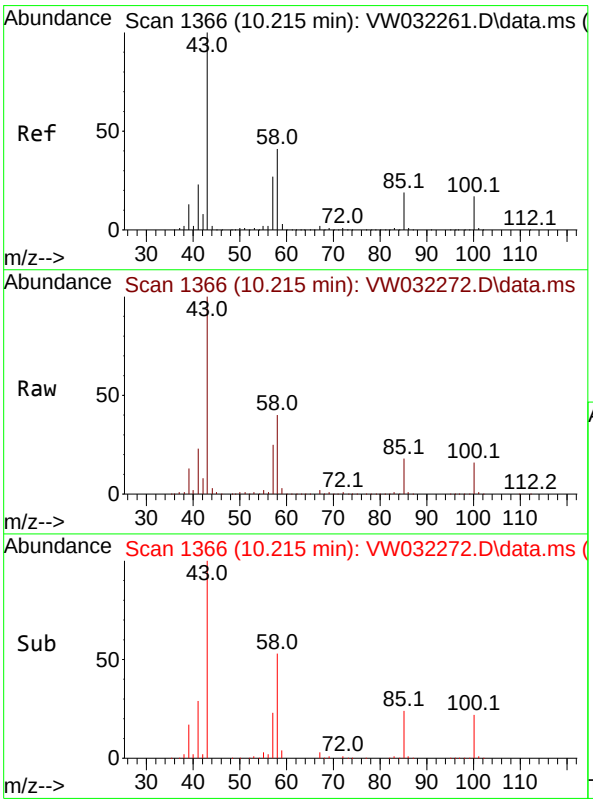
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

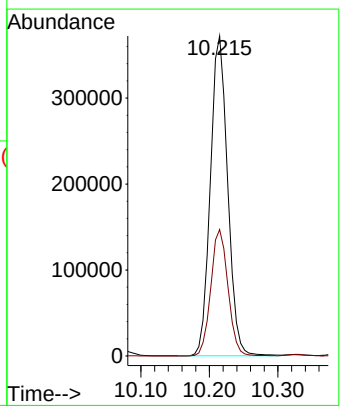


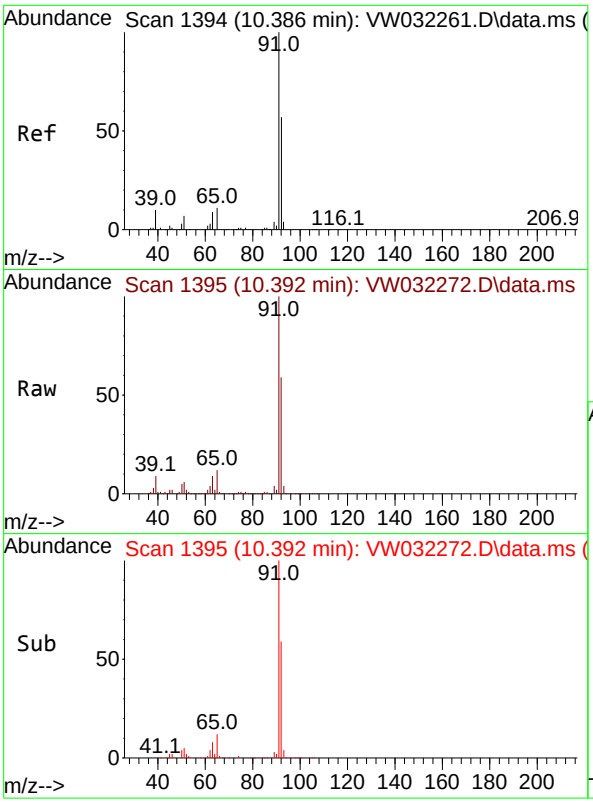


#51
4-Methyl-2-Pentanone
Concen: 356.757 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 651518

Ion	Ratio	Lower	Upper
43	100		
58	39.3	32.3	48.5

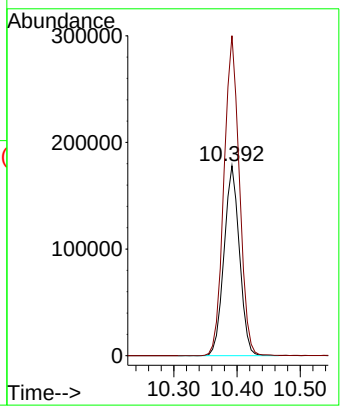




#52
Toluene
Concen: 59.271 ug/l
RT: 10.392 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 92 Resp: 30000

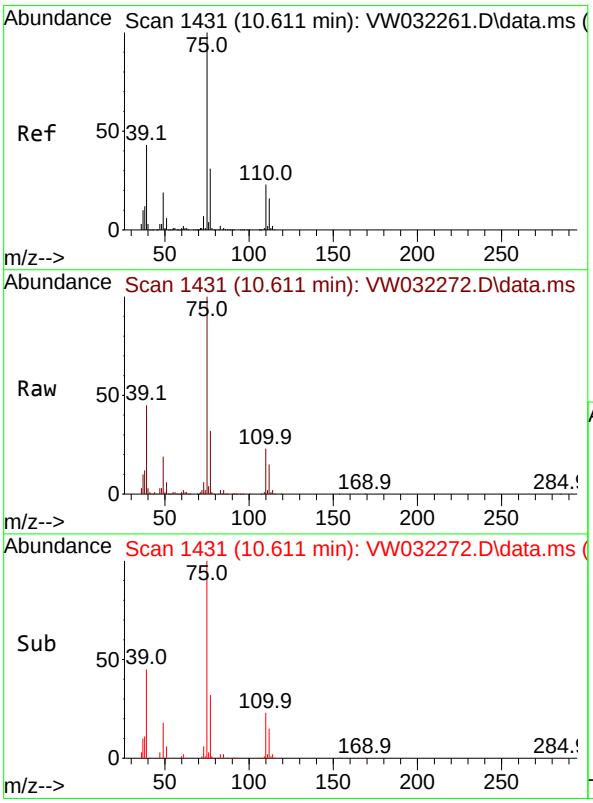
Ion	Ratio	Lower	Upper
92	100		
91	169.1	139.2	208.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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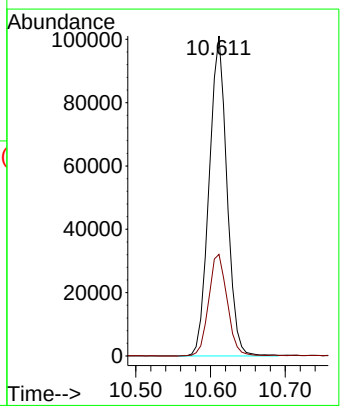
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

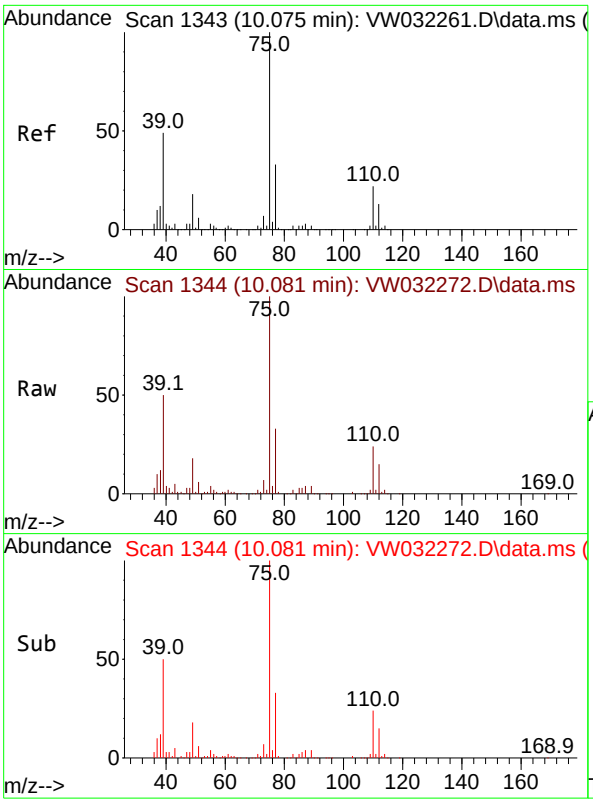


#53
t-1,3-Dichloropropene
Concen: 61.554 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 75 Resp: 167271

Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	37.0

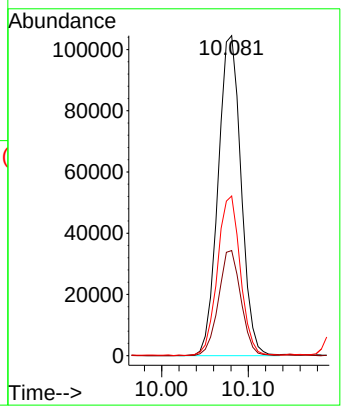




#54
cis-1,3-Dichloropropene
Concen: 61.398 ug/l
RT: 10.081 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 75 Resp: 19262

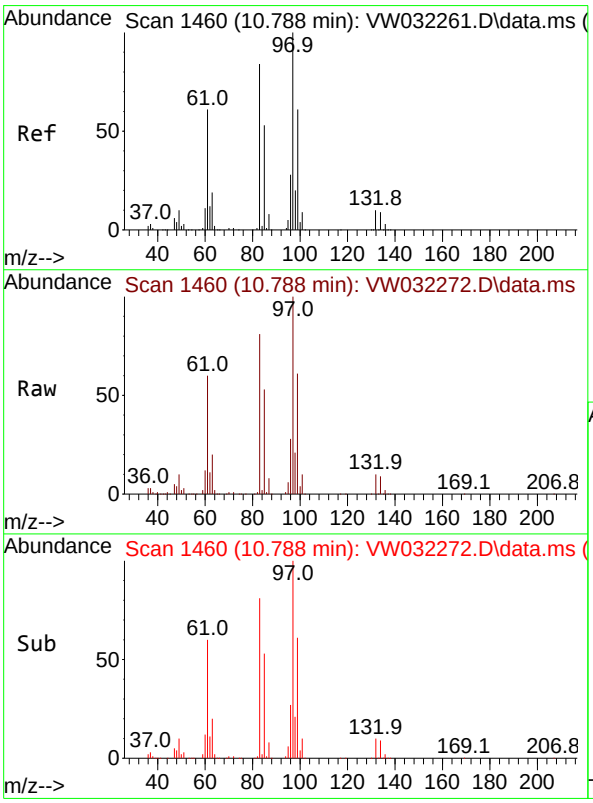
Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.2	39.4
39	49.7	39.0	58.6



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

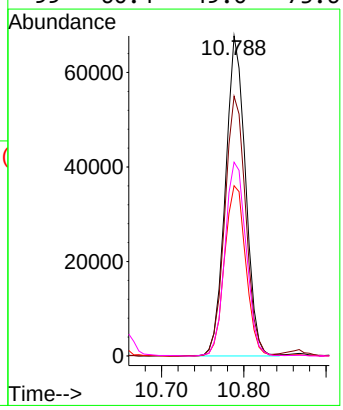
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

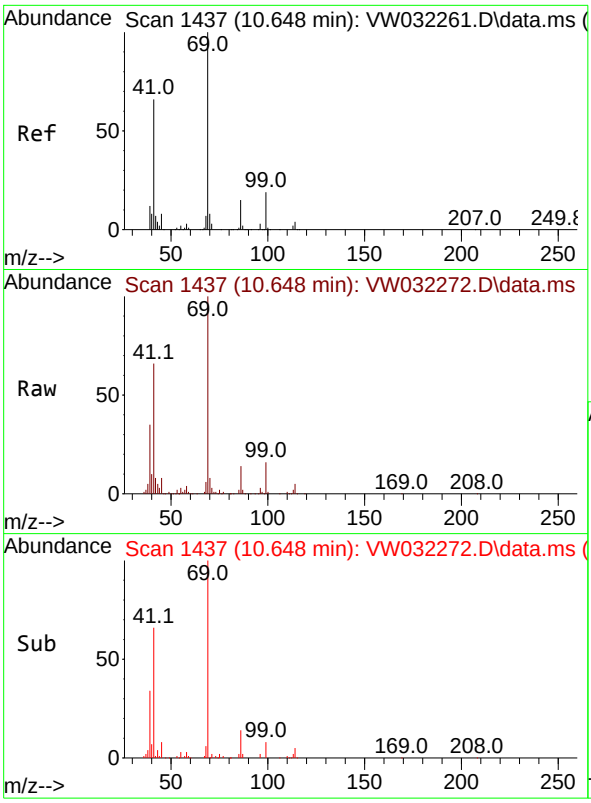


#55
1,1,2-Trichloroethane
Concen: 64.754 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 97 Resp: 114941

Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.4	101.2
85	53.2	42.0	63.0
99	60.4	49.0	73.6

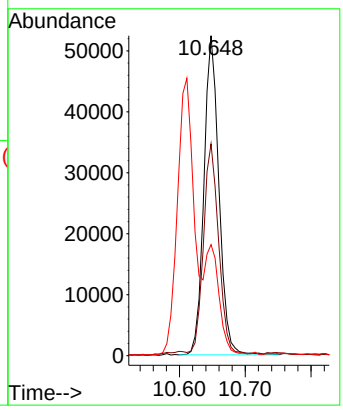




#56
Ethyl methacrylate
Concen: 35.626 ug/l
RT: 10.648 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 69 Resp: 8329

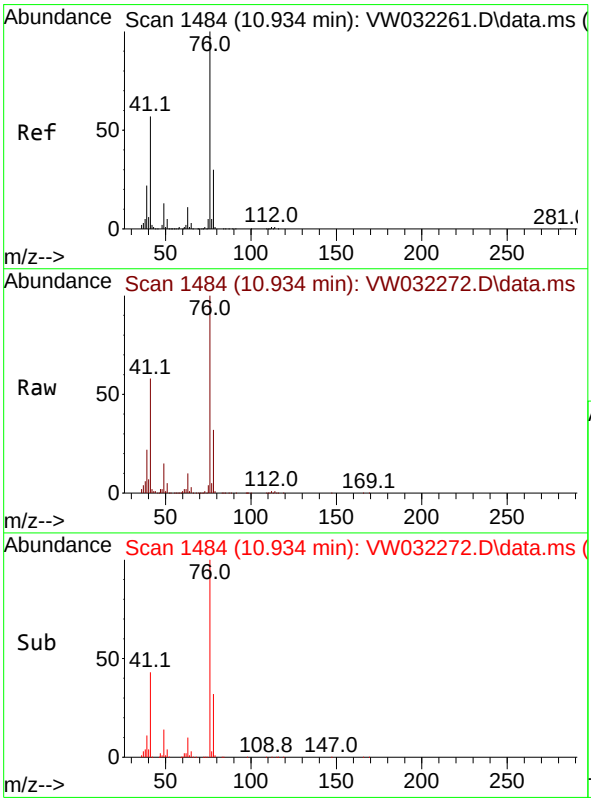
Ion	Ratio	Lower	Upper
69	100		
41	66.4	54.7	82.1
39	29.7	26.3	39.5



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

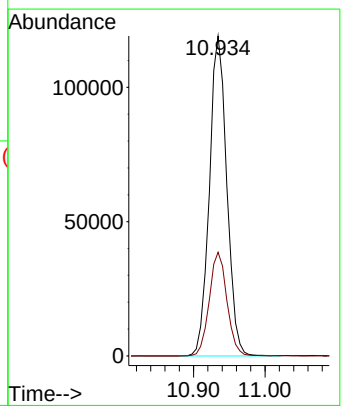
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

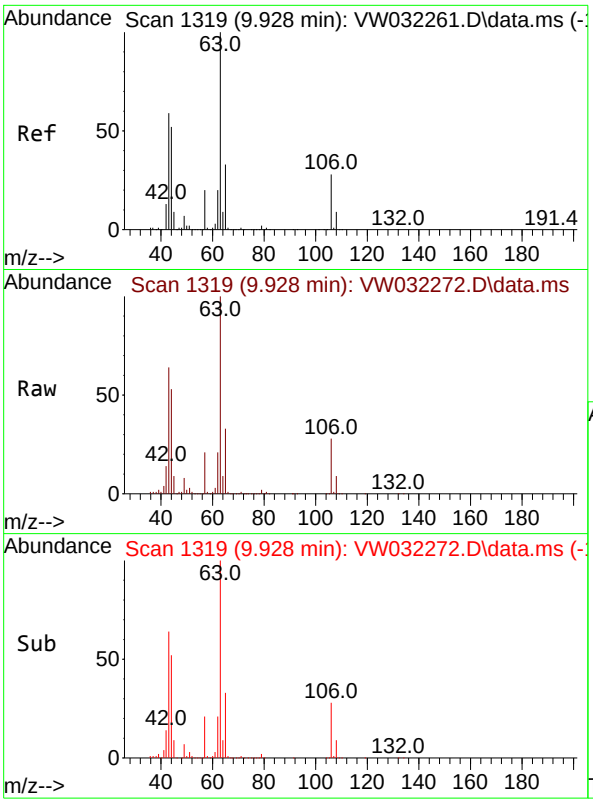


#57
1,3-Dichloropropane
Concen: 65.671 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 76 Resp: 201378

Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.3	37.9

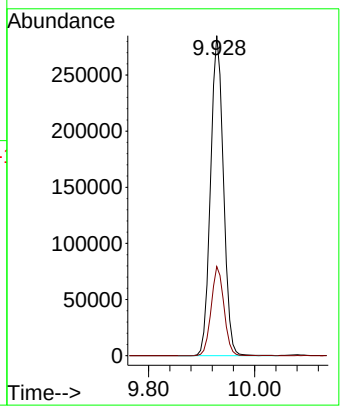




#58
2-Chloroethyl Vinyl ether
Concen: 374.170 ug/l
RT: 9.928 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 63 Resp: 48024

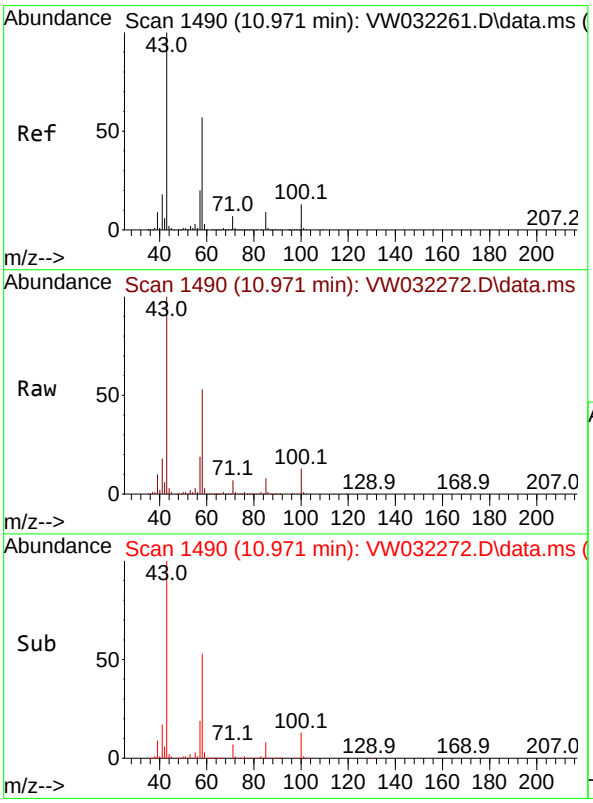
Ion	Ratio	Lower	Upper
63	100		
106	27.7	22.5	33.7



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

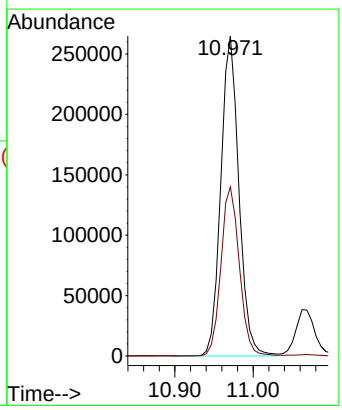
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

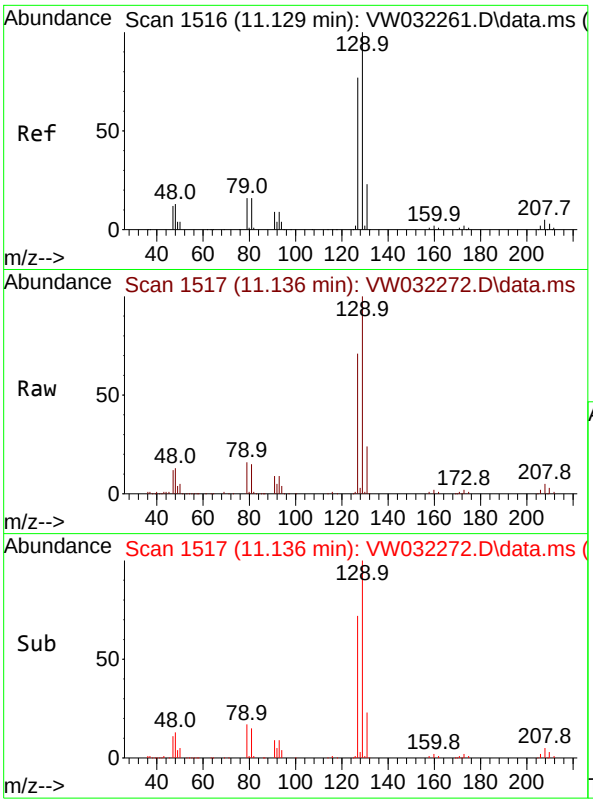


#59
2-Hexanone
Concen: 340.753 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 424958

Ion	Ratio	Lower	Upper
43	100		
58	53.8	27.9	83.6

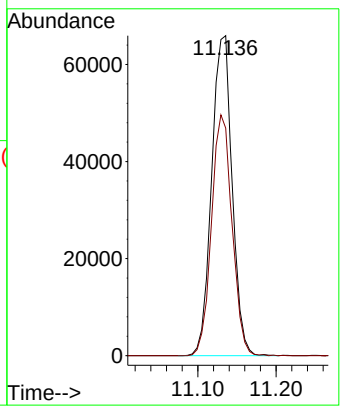




#60
Dibromochloromethane
Concen: 61.410 ug/l
RT: 11.136 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:129 Resp: 11971

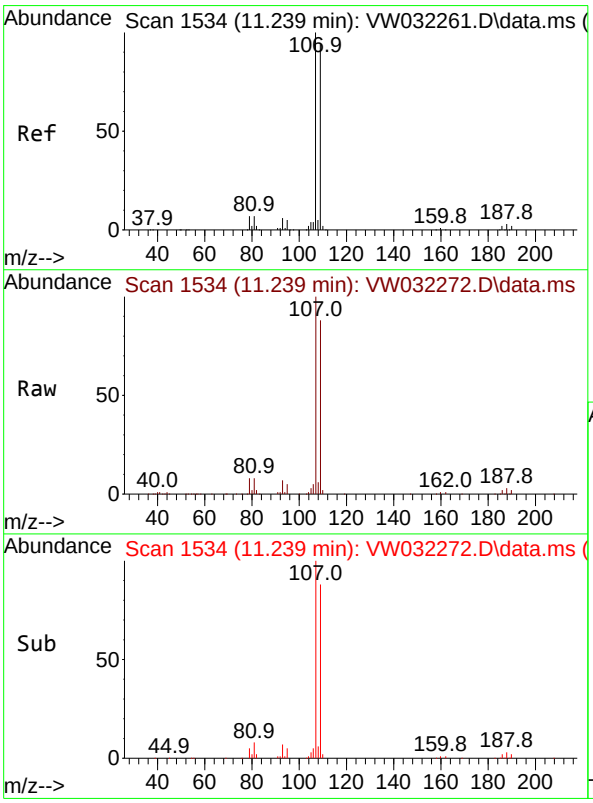
Ion	Ratio	Lower	Upper
129	100		
127	75.5	39.3	117.8



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

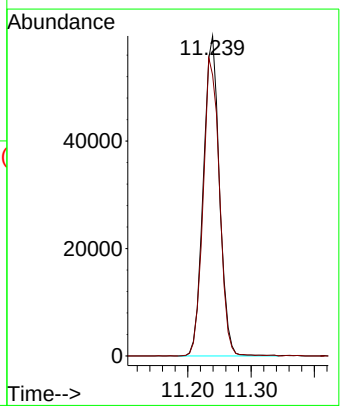
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

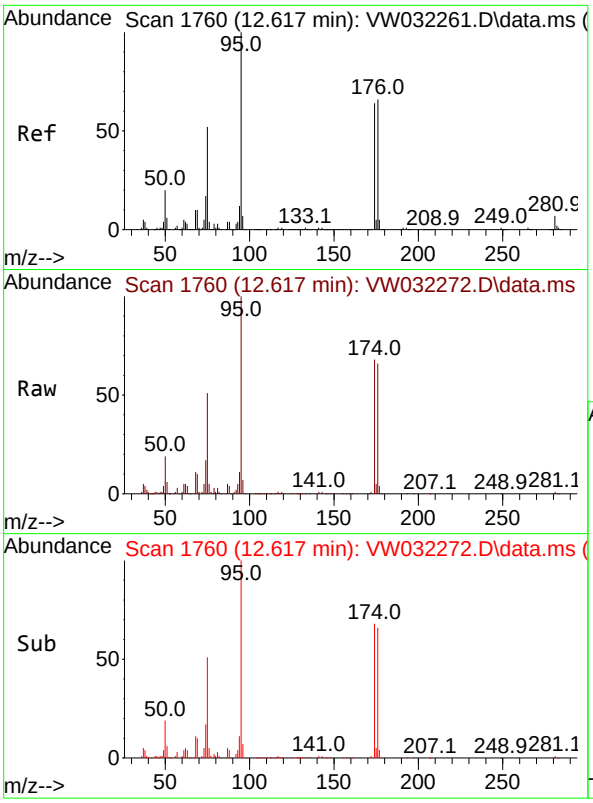


#61
1,2-Dibromoethane
Concen: 62.546 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:107 Resp: 105181

Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.1	111.1





#62
4-Bromofluorobenzene
Concen: 37.099 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

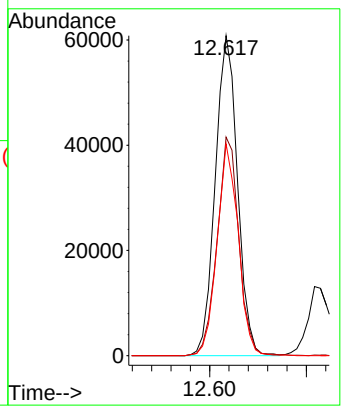
Tgt Ion: 95 Resp: 9705

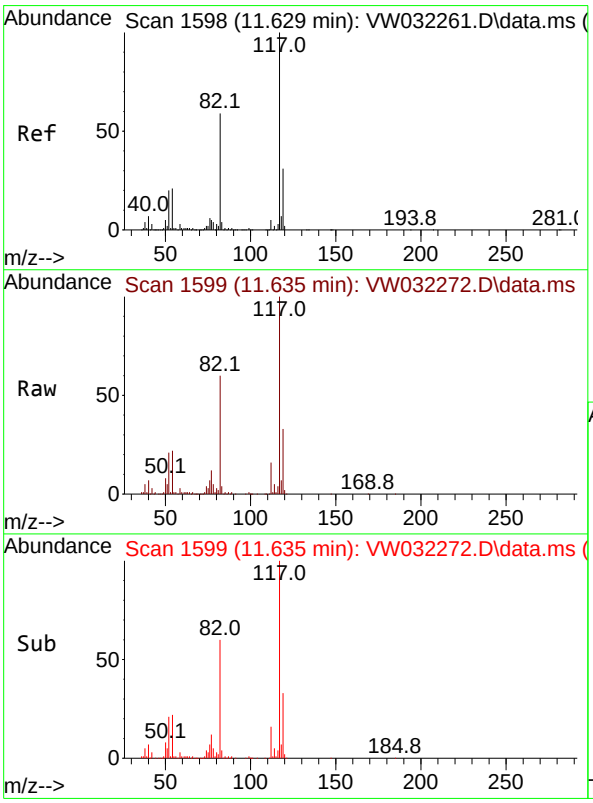
Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	130.6
176	63.0	0.0	127.0

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

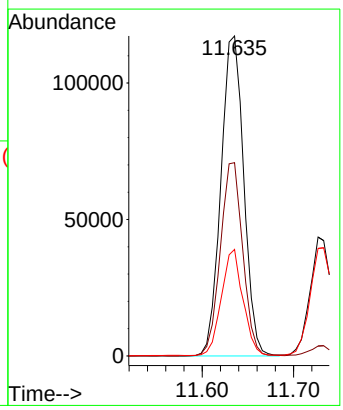


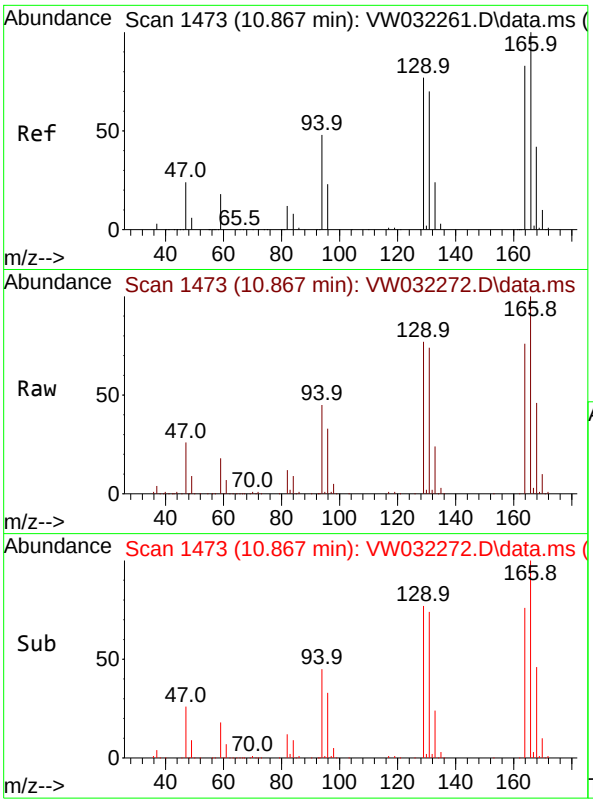


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:117 Resp: 203835

Ion	Ratio	Lower	Upper
117	100		
82	60.4	46.9	70.3
119	33.1	24.9	37.3

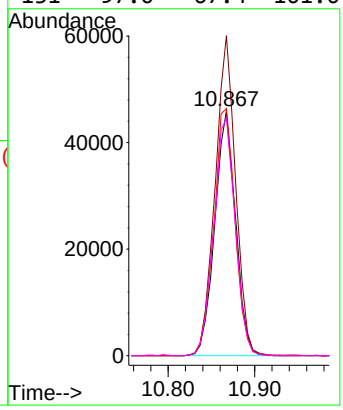




#64
Tetrachloroethene
Concen: 61.695 ug/l
RT: 10.867 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:164 Resp: 7663

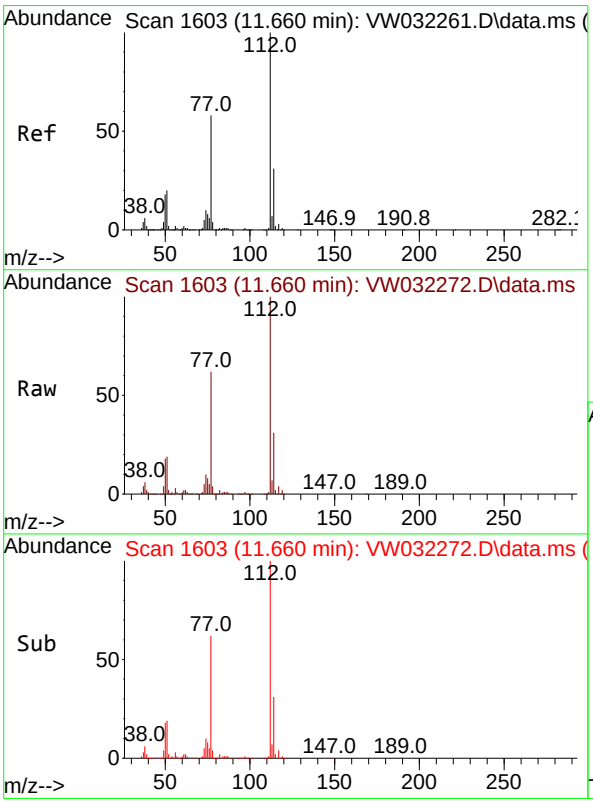
Ion	Ratio	Lower	Upper
164	100		
166	130.8	96.9	145.3
129	101.0	75.0	112.4
131	97.0	67.4	101.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

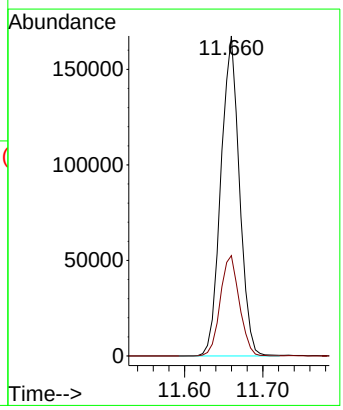
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

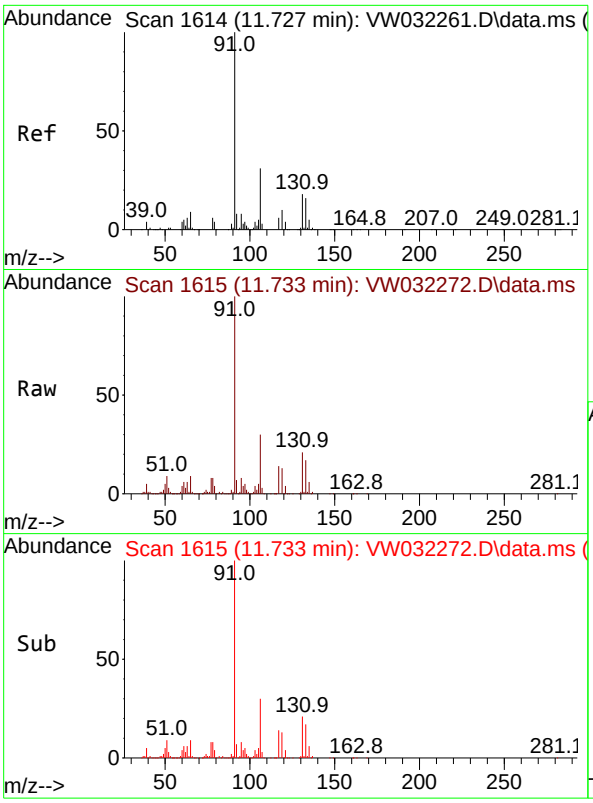


#65
Chlorobenzene
Concen: 58.670 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:112 Resp: 275468

Ion	Ratio	Lower	Upper
112	100		
114	31.3	24.8	37.2

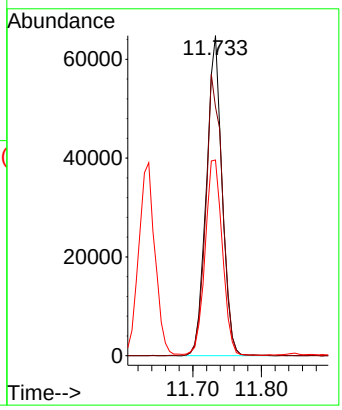




#66
1,1,1,2-Tetrachloroethane
Concen: 69.355 ug/l
RT: 11.733 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:131 Resp: 10298

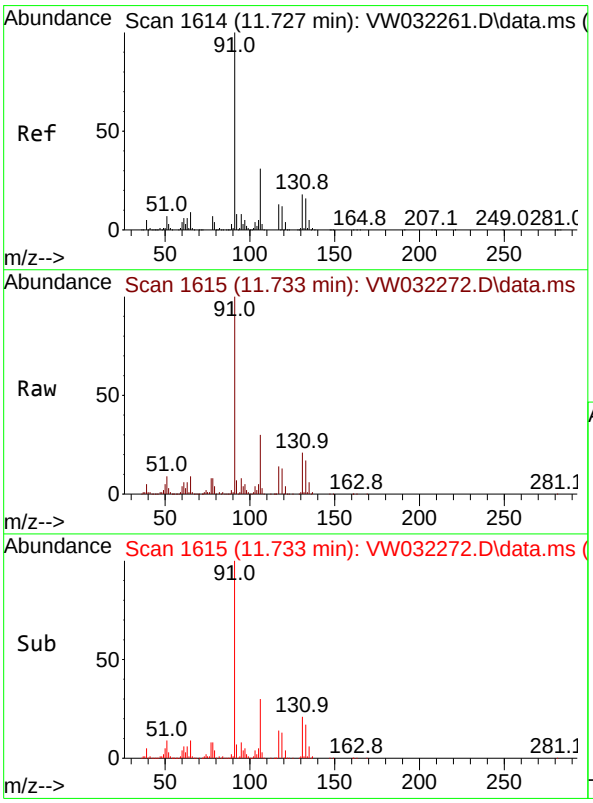
Ion	Ratio	Lower	Upper
131	100		
133	93.4	47.1	141.3
119	67.0	33.9	101.7



Instrument :
MSVOA_W
ClientSampleId :
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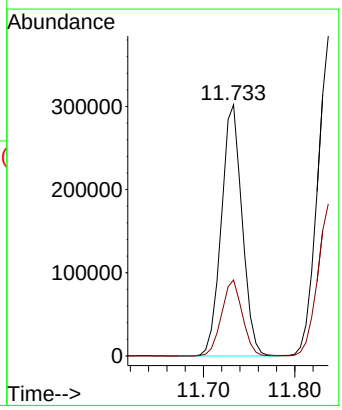
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

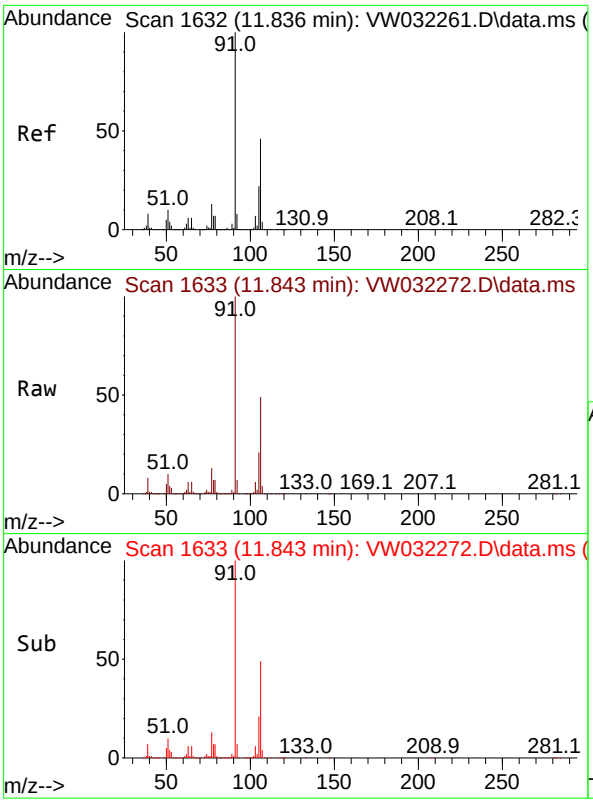


#67
Ethyl Benzene
Concen: 62.156 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 91 Resp: 477683

Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.7	37.1





#68
m/p-Xylenes
Concen: 118.525 ug/l
RT: 11.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

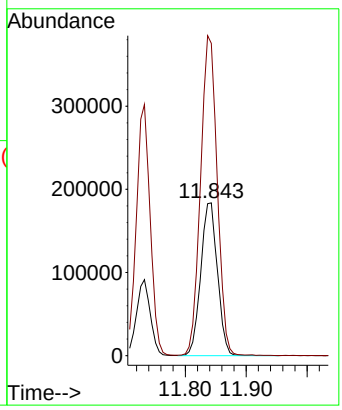
Tgt Ion:106 Resp: 34917

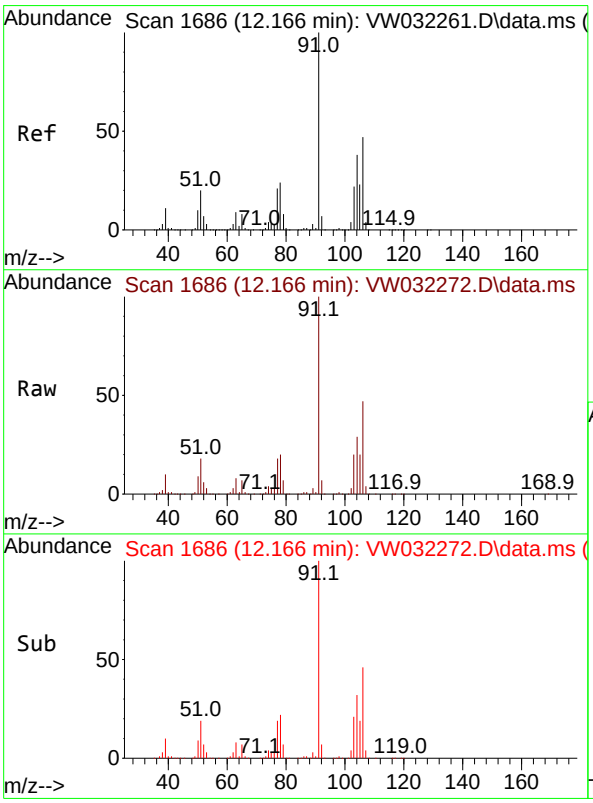
Ion	Ratio	Lower	Upper
106	100		
91	209.2	169.0	253.4

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

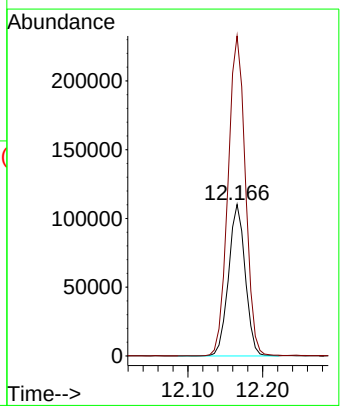


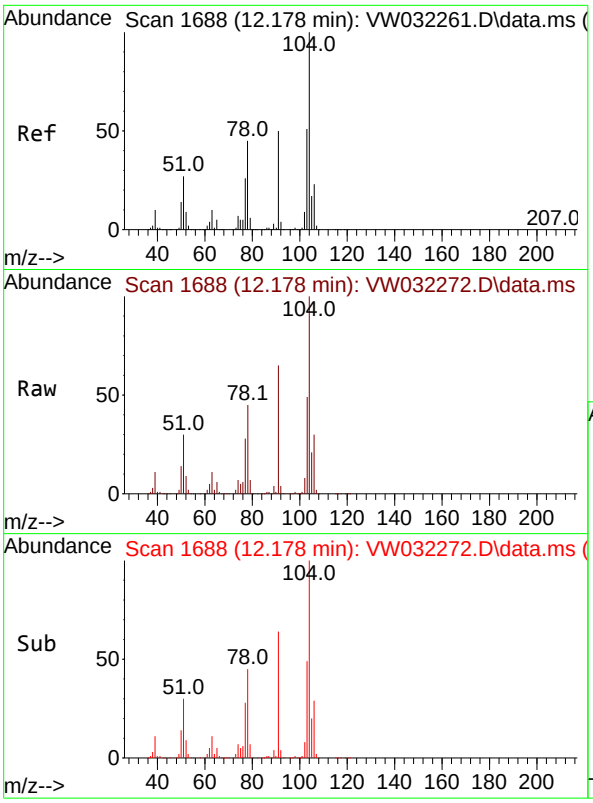


#69
o-Xylene
Concen: 61.778 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:106 Resp: 171044

Ion	Ratio	Lower	Upper
106	100		
91	219.8	107.8	323.6

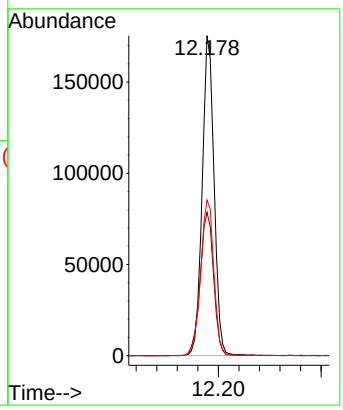




#70
Styrene
Concen: 57.930 ug/l
RT: 12.178 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:104 Resp: 28126

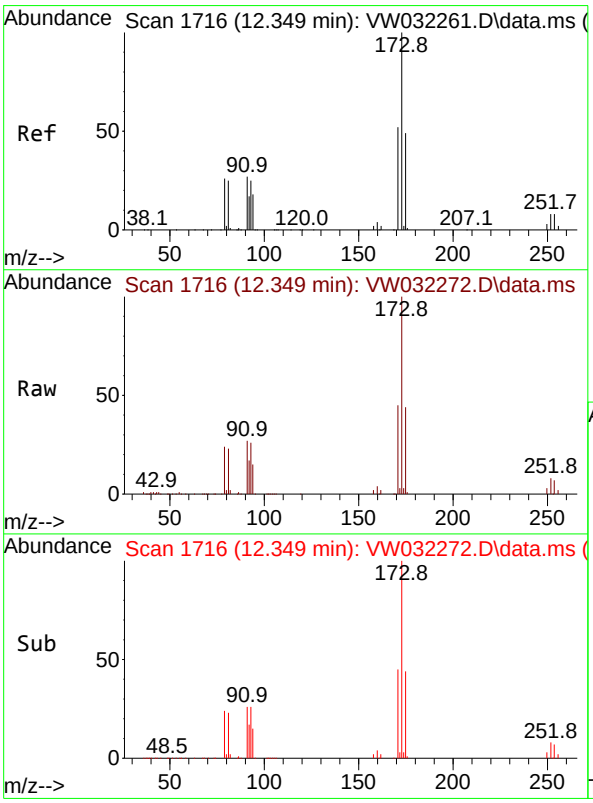
Ion	Ratio	Lower	Upper
104	100		
78	50.7	40.8	61.2
103	54.2	43.4	65.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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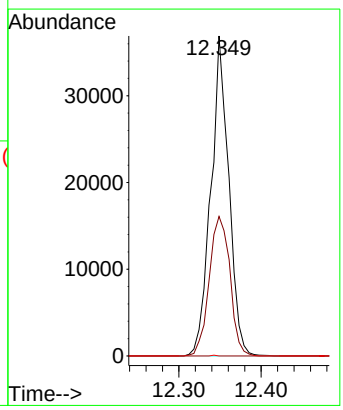
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

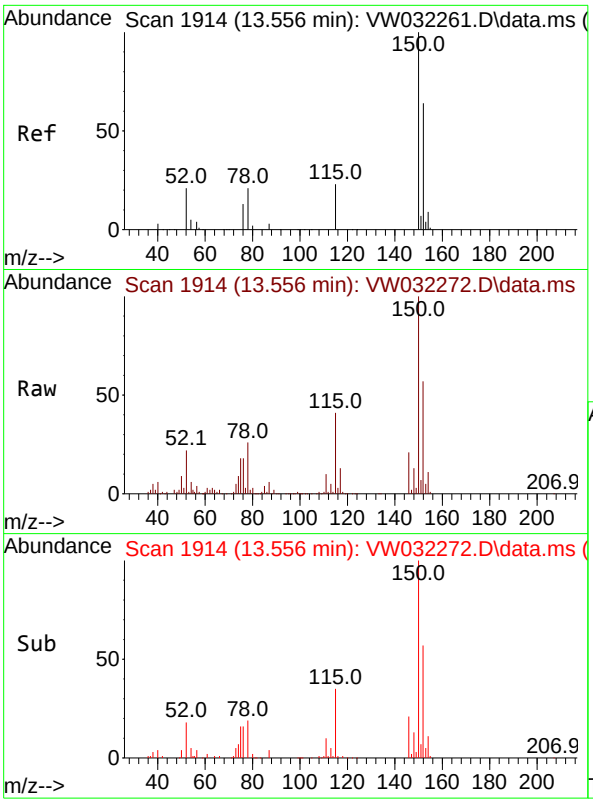


#71
Bromoform
Concen: 64.442 ug/l
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:173 Resp: 55763

Ion	Ratio	Lower	Upper
173	100		
175	50.4	23.1	69.2
254	0.1	0.1	0.1#

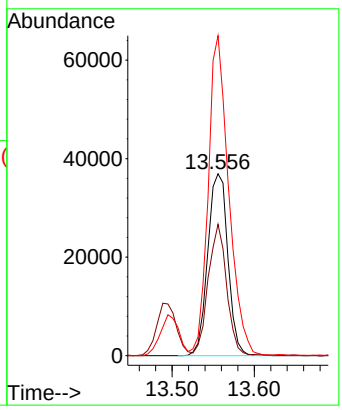




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:152 Resp: 6276

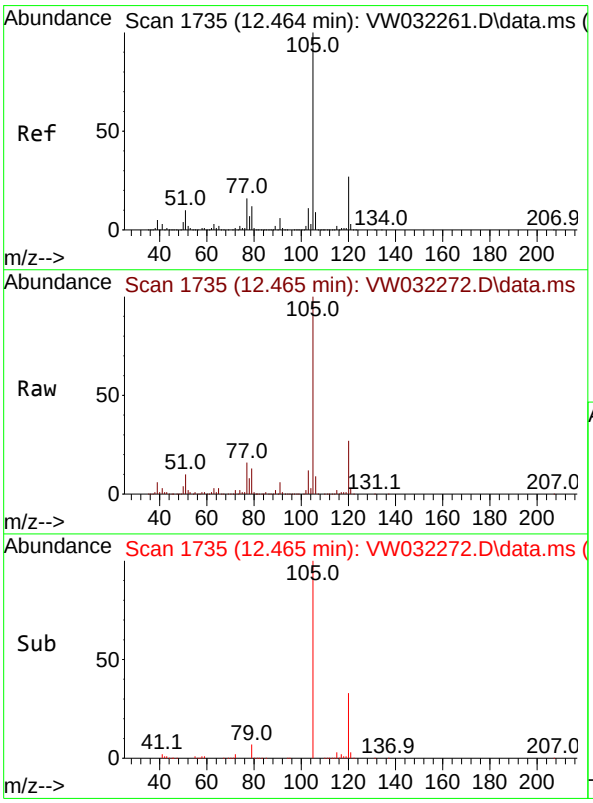
Ion	Ratio	Lower	Upper
152	100		
115	65.9	32.5	97.5
150	178.7	0.0	370.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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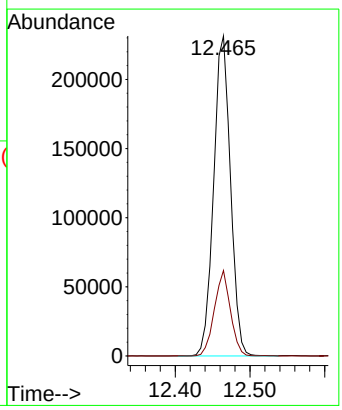
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

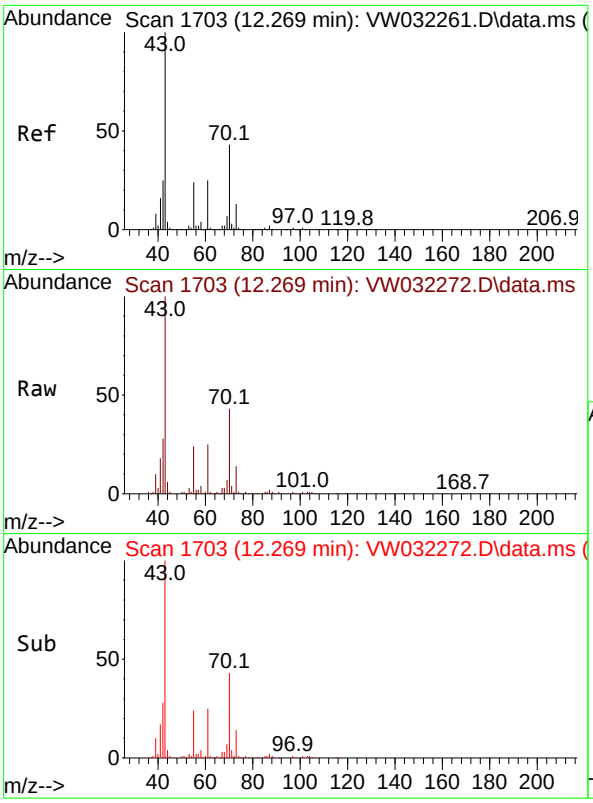


#73
Isopropylbenzene
Concen: 83.044 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:105 Resp: 362799

Ion	Ratio	Lower	Upper
105	100		
120	25.4	13.1	39.3

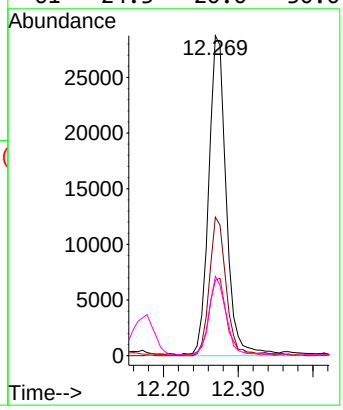




#74
N-amyl acetate
Concen: 34.126 ug/l
RT: 12.269 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 43 Resp: 4695

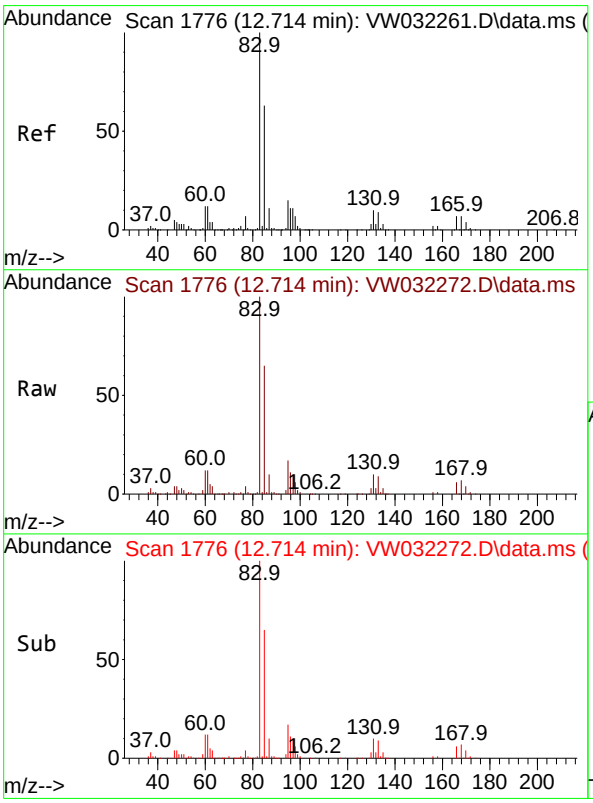
Ion	Ratio	Lower	Upper
43	100		
70	41.6	35.0	52.4
55	24.5	20.6	31.0
61	24.3	20.0	30.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

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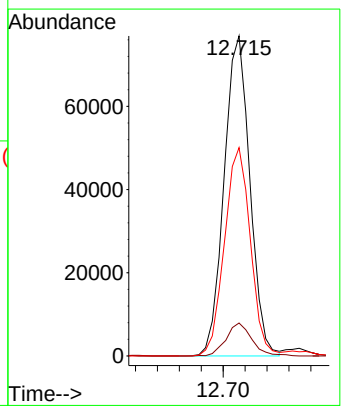
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

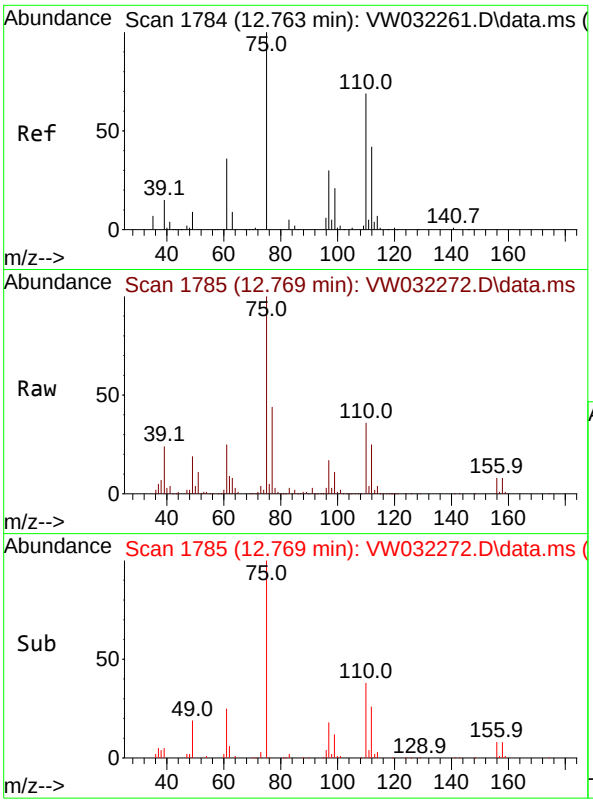


#75
1,1,2,2-Tetrachloroethane
Concen: 109.553 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 83 Resp: 125487

Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	65.3	31.9	95.7





#76
1,2,3-Trichloropropane
Concen: 119.613 ug/l m
RT: 12.769 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

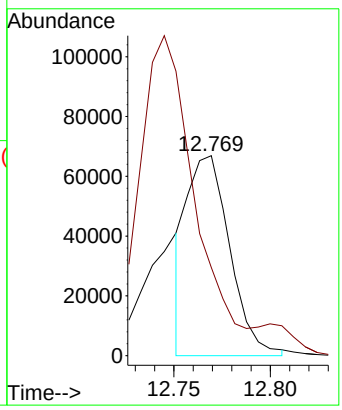
Tgt Ion: 75 Resp: 10329

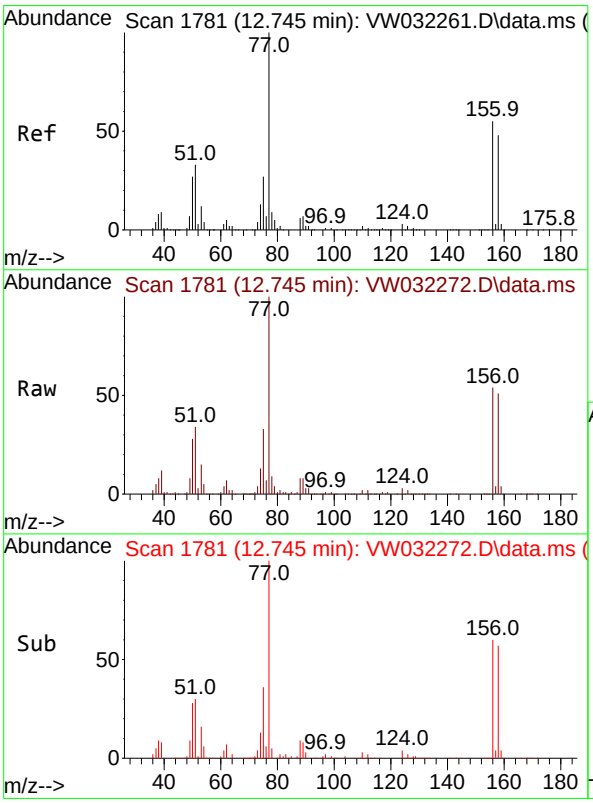
Ion	Ratio	Lower	Upper
75	100		
77	0.0	140.9	422.7#

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

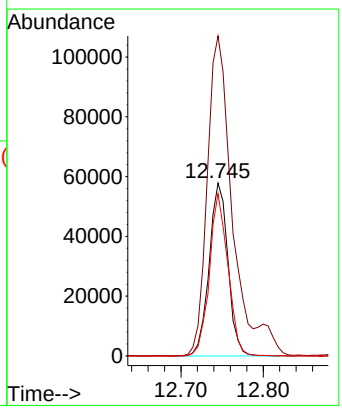


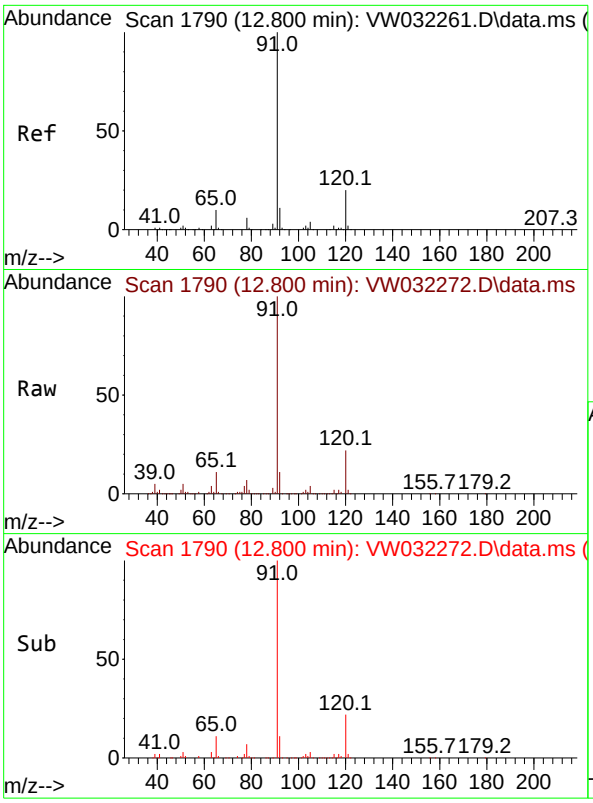


#77
Bromobenzene
Concen: 85.587 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:156 Resp: 91967

Ion	Ratio	Lower	Upper
156	100		
77	233.1	103.3	309.8
158	92.5	45.4	136.2





#78
n-propylbenzene
Concen: 73.514 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

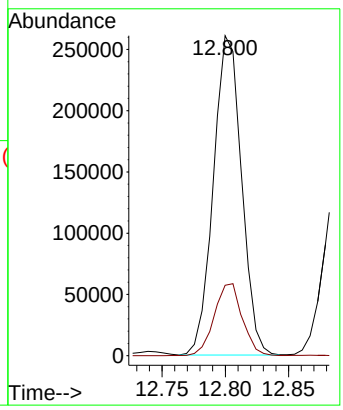
Tgt Ion: 91 Resp: 40341

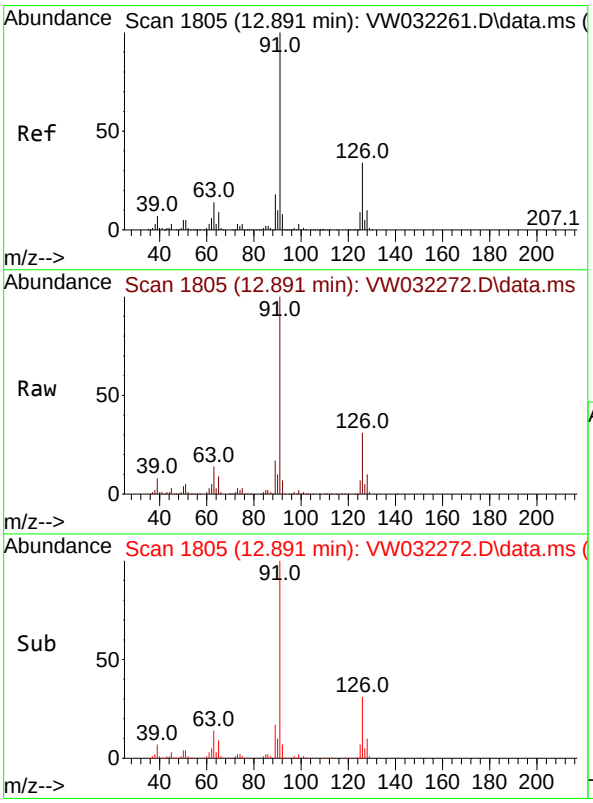
Ion	Ratio	Lower	Upper
91	100		
120	22.5	10.9	32.9

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

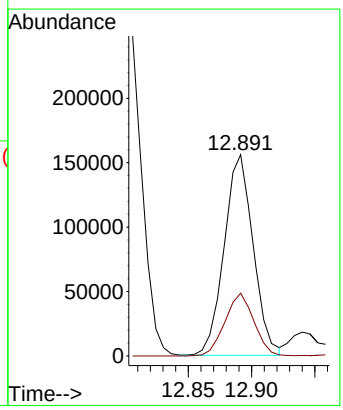


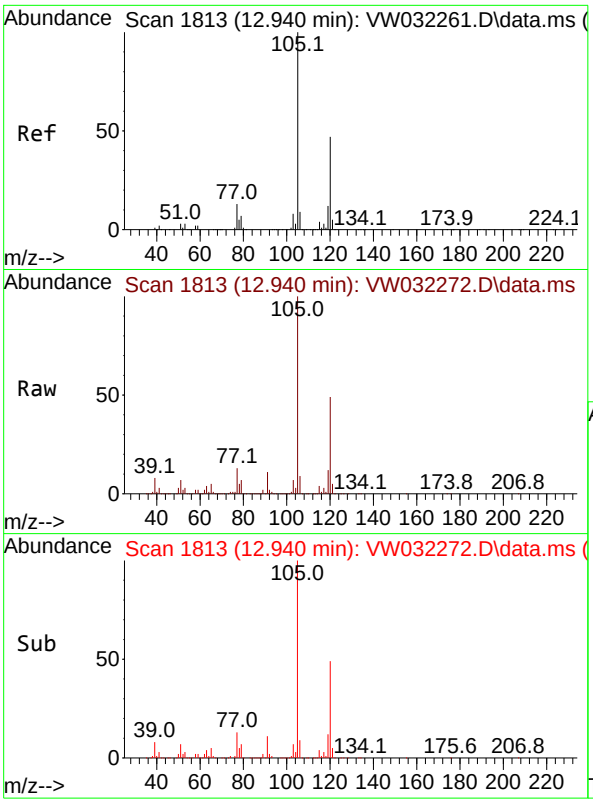


#79
2-Chlorotoluene
Concen: 74.852 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 91 Resp: 248824

Ion	Ratio	Lower	Upper
91	100		
126	31.1	16.3	48.8

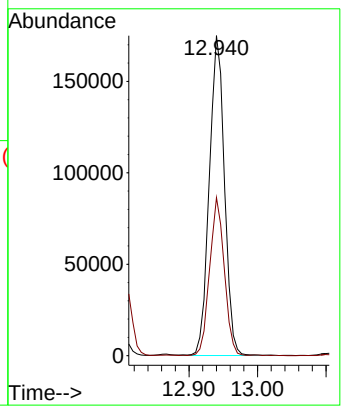




#80
1,3,5-Trimethylbenzene
Concen: 71.978 ug/l
RT: 12.940 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:105 Resp: 26884

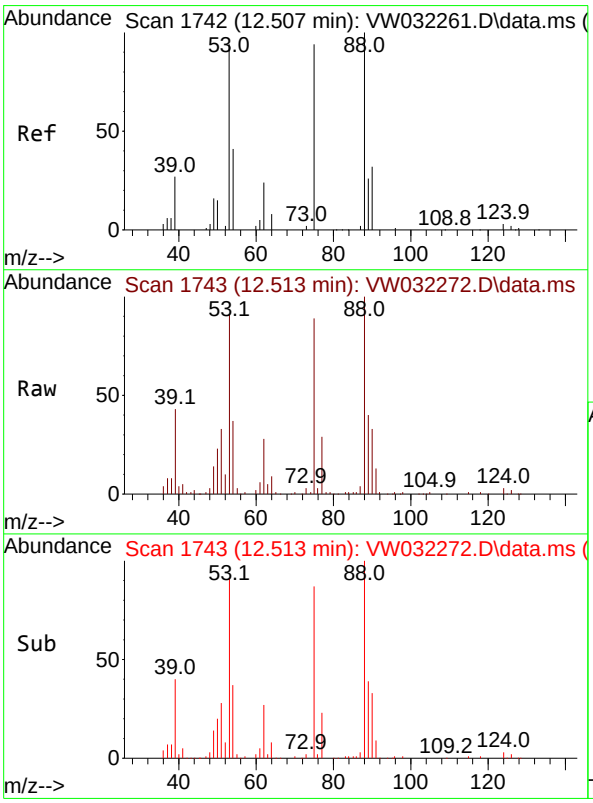
Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.1	72.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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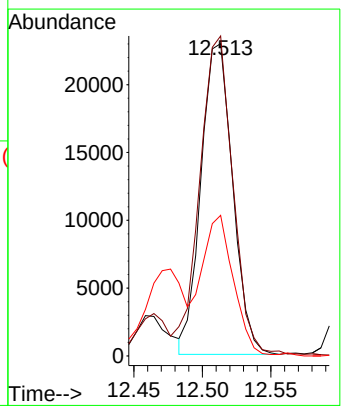
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

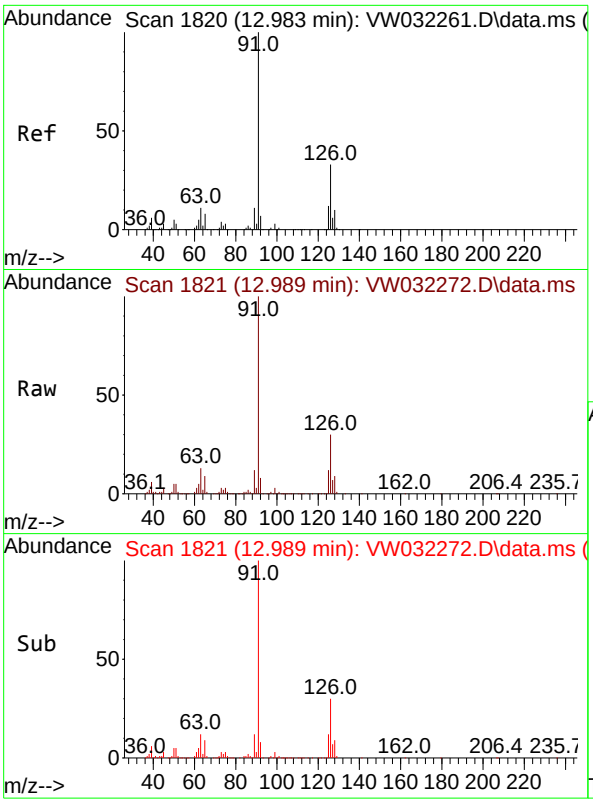


#81
trans-1,4-Dichloro-2-butene
Concen: 110.844 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 75 Resp: 36851

Ion	Ratio	Lower	Upper
75	100		
53	108.0	81.4	122.2
89	44.9	35.4	53.2

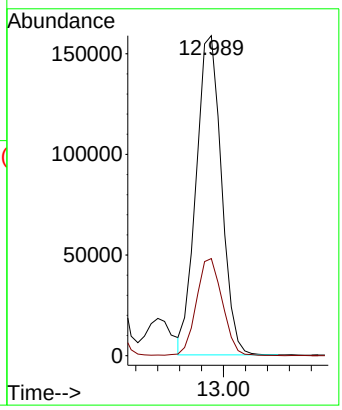




#82
4-Chlorotoluene
Concen: 72.523 ug/l
RT: 12.989 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 91 Resp: 25478

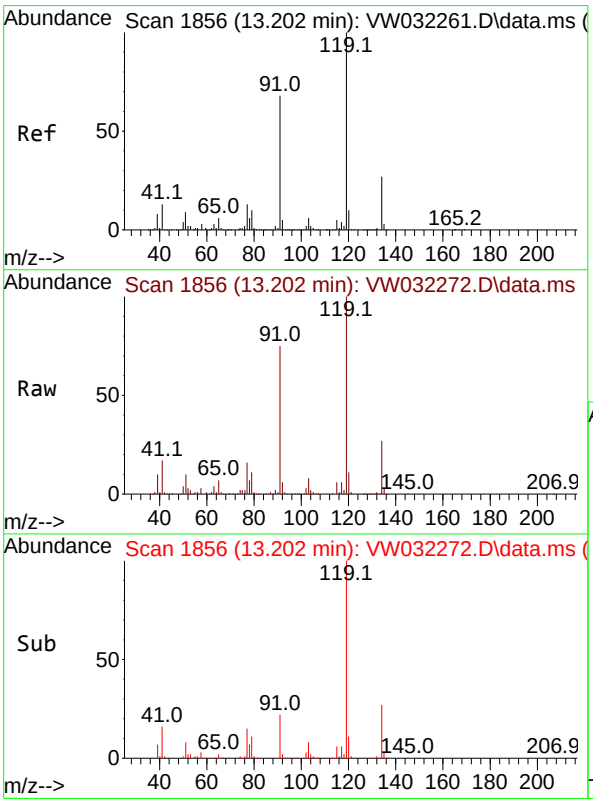
Ion	Ratio	Lower	Upper
91	100		
126	31.2	16.5	49.5



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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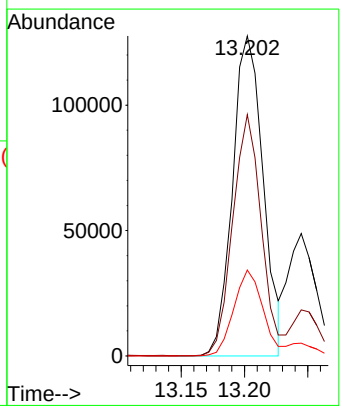
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

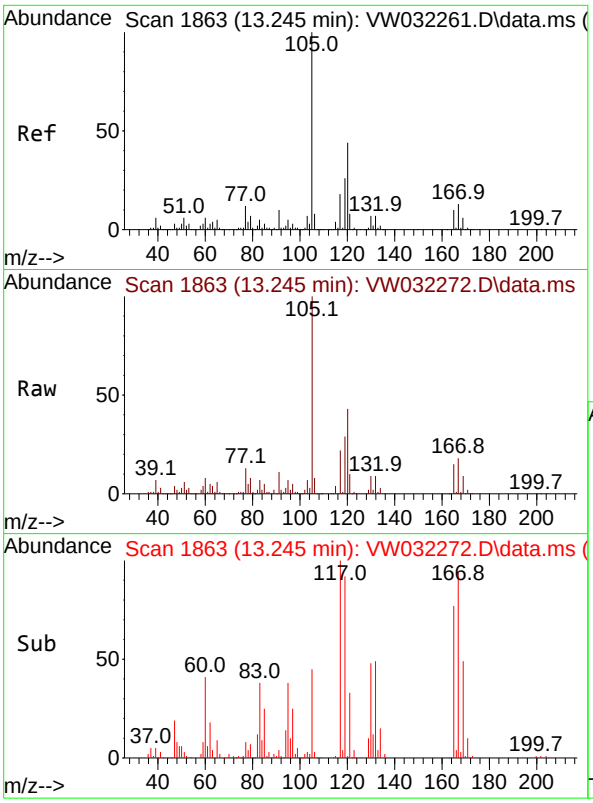


#83
tert-Butylbenzene
Concen: 68.659 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:119 Resp: 214473

Ion	Ratio	Lower	Upper
119	100		
91	71.1	35.5	106.5
134	25.9	13.5	40.4

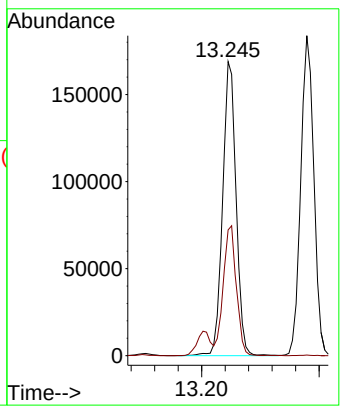




#84
1,2,4-Trimethylbenzene
Concen: 70.690 ug/l
RT: 13.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:105 Resp: 26807

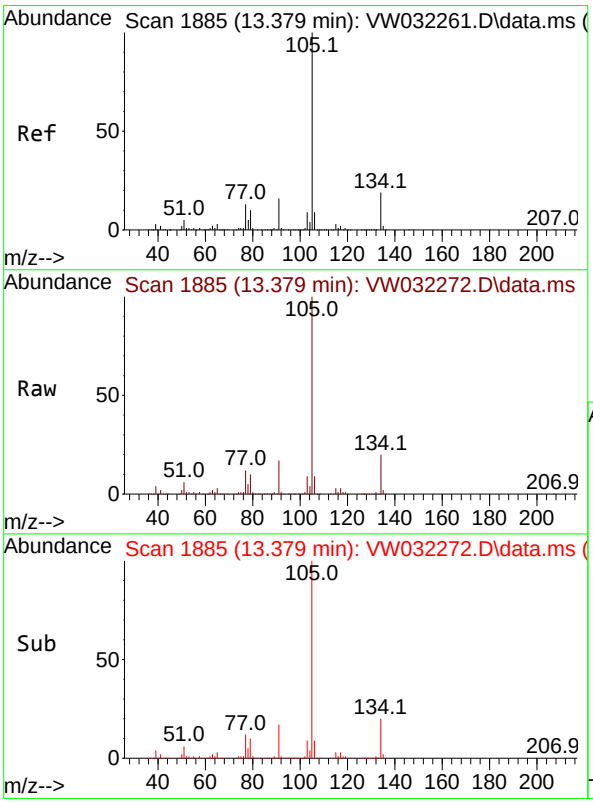
Ion	Ratio	Lower	Upper
105	100		
120	43.1	22.8	68.3



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

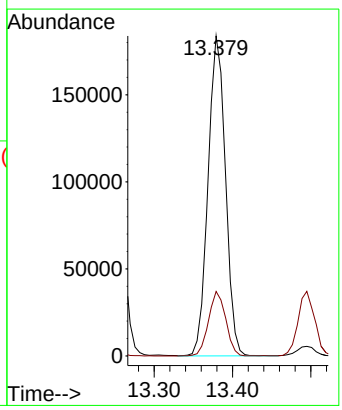
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

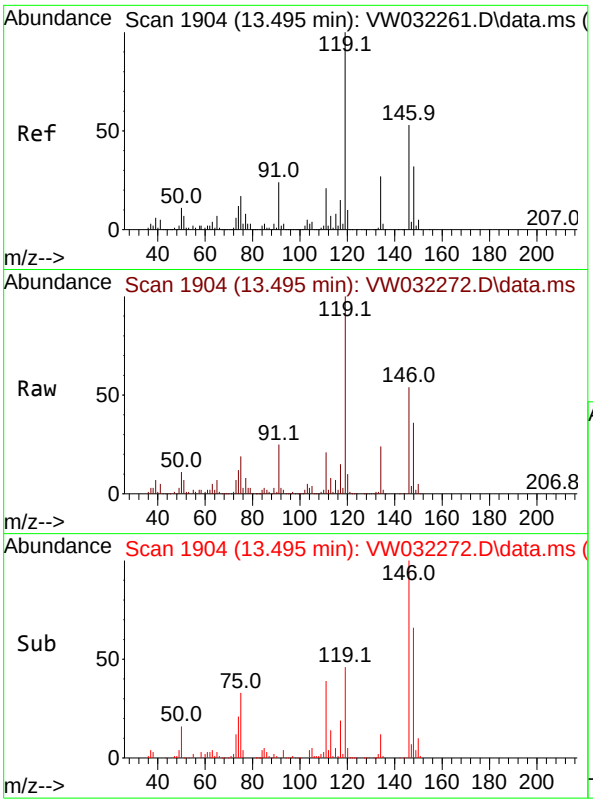


#85
sec-Butylbenzene
Concen: 60.483 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:105 Resp: 283714

Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.8	29.5

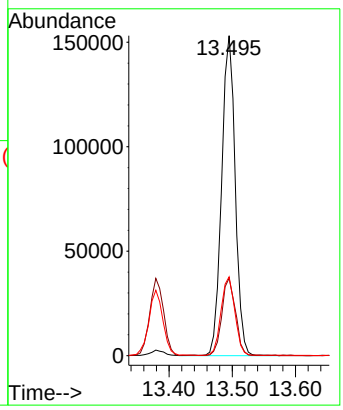




#86
p-Isopropyltoluene
Concen: 58.651 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:119 Resp: 22784

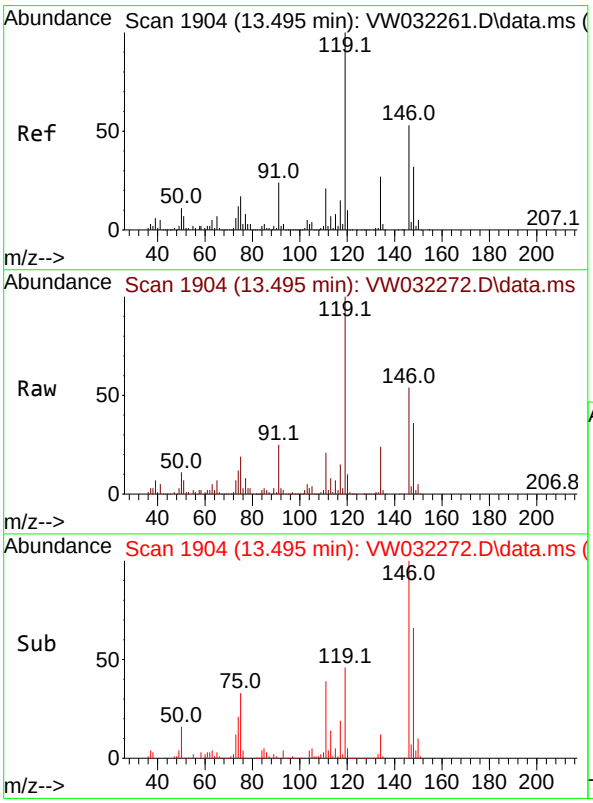
Ion	Ratio	Lower	Upper
119	100		
134	24.1	12.5	37.5
91	25.0	12.1	36.3



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

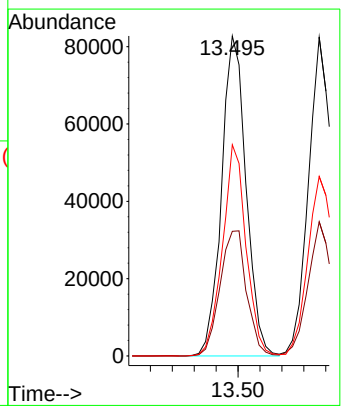
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

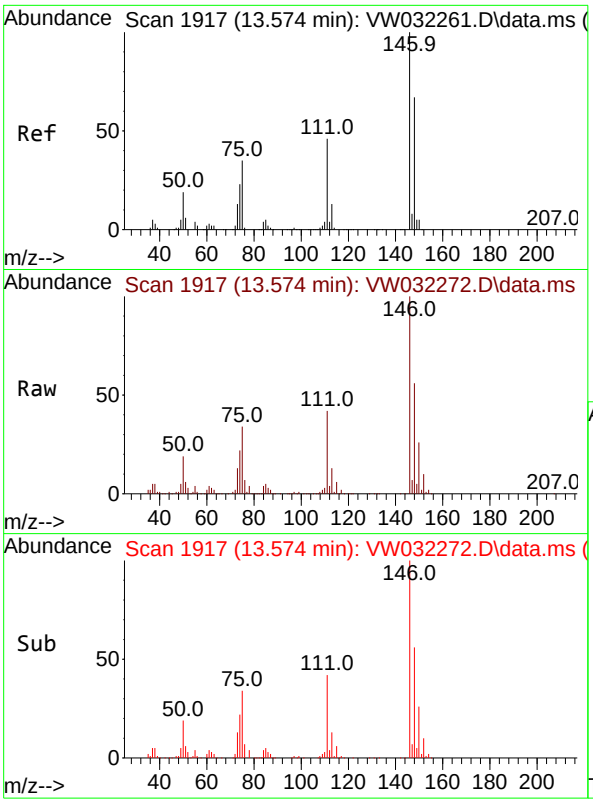


#87
1,3-Dichlorobenzene
Concen: 60.537 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:146 Resp: 128671

Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.9	65.5
148	63.6	31.9	95.9

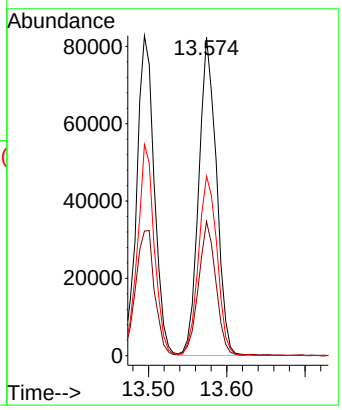




#88
1,4-Dichlorobenzene
Concen: 59.454 ug/l
RT: 13.574 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:146 Resp: 12909

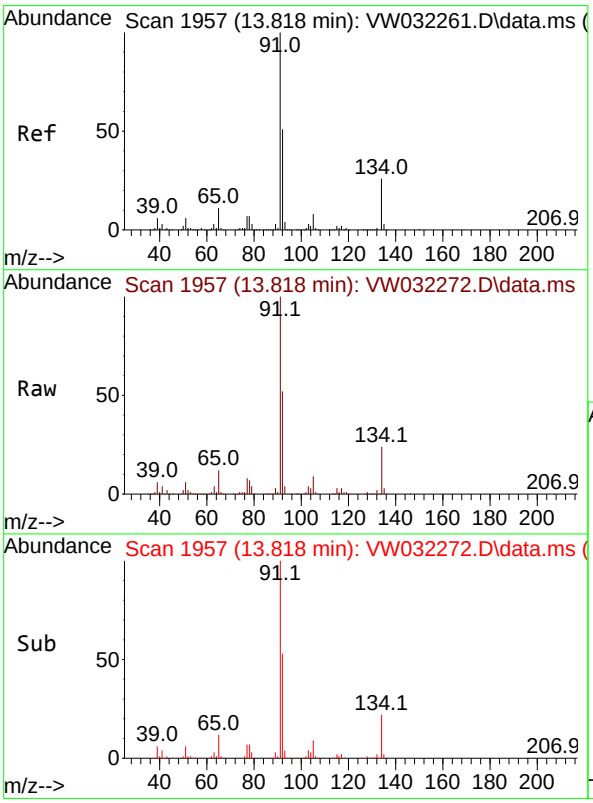
Ion	Ratio	Lower	Upper
146	100		
111	40.9	22.4	67.2
148	59.4	34.4	103.1



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

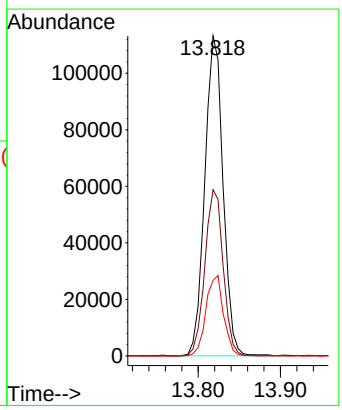
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

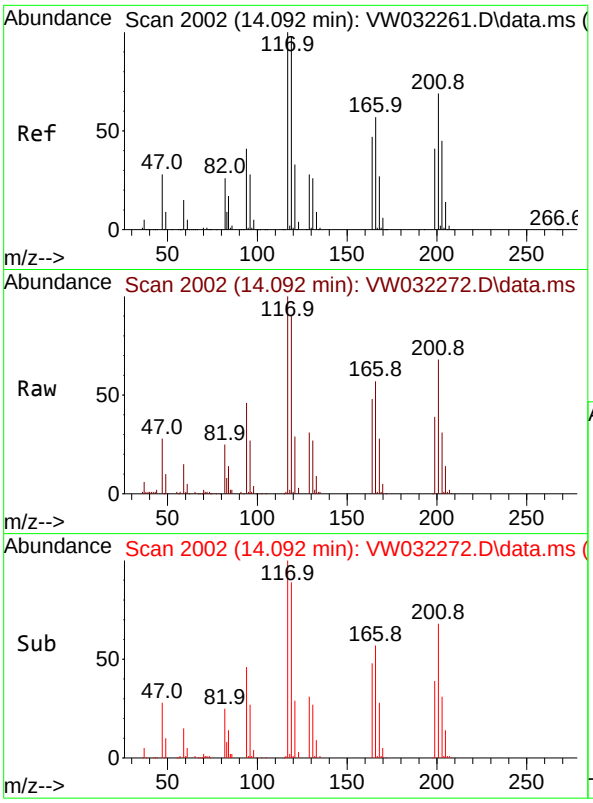


#89
n-Butylbenzene
Concen: 44.736 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 91 Resp: 174413

Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.7	80.1
134	24.3	12.3	36.8





#90
Hexachloroethane
Concen: 51.648 ug/l
RT: 14.092 min Scan# 2
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

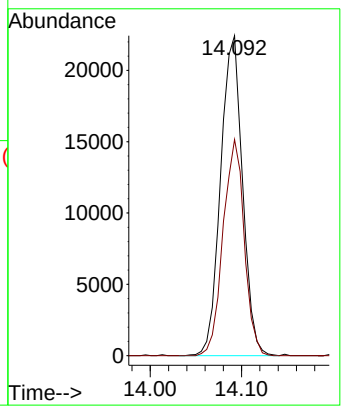
Tgt Ion:117 Resp: 3739

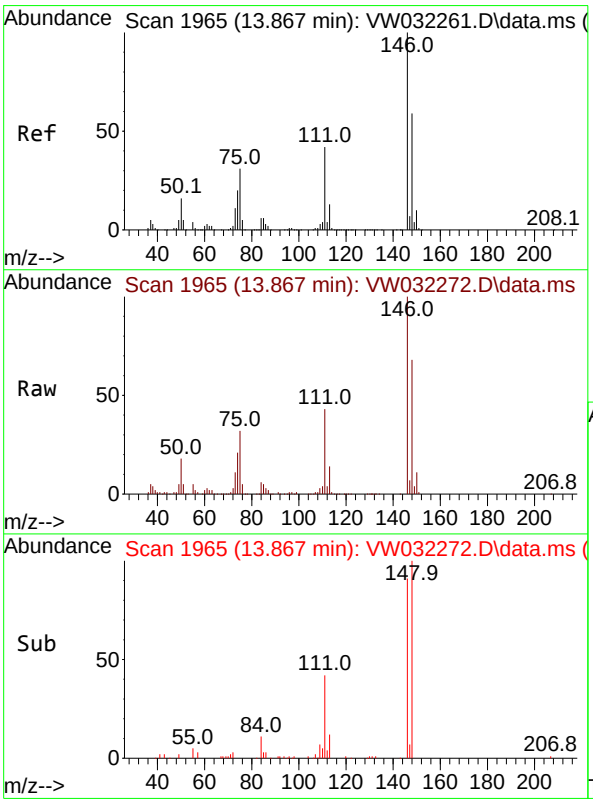
Ion	Ratio	Lower	Upper
117	100		
201	65.2	31.4	94.0

Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

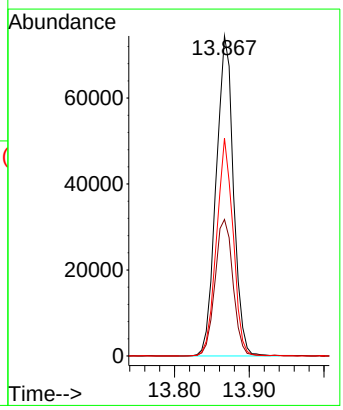


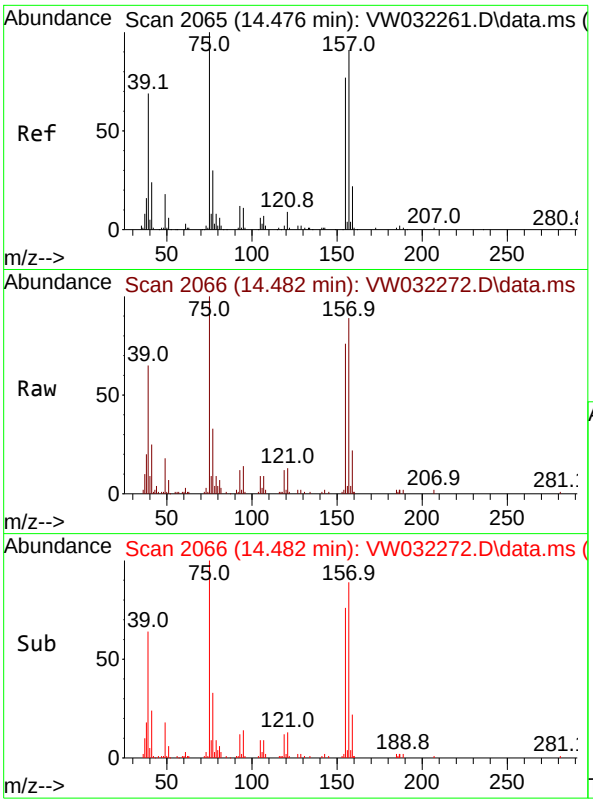


#91
1,2-Dichlorobenzene
Concen: 60.375 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:146 Resp: 120044

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.8
148	64.7	31.9	95.5

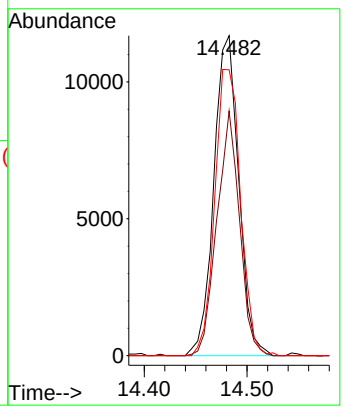




#92
1,2-Dibromo-3-Chloropropane
Concen: 100.194 ug/l
RT: 14.482 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion: 75 Resp: 1963

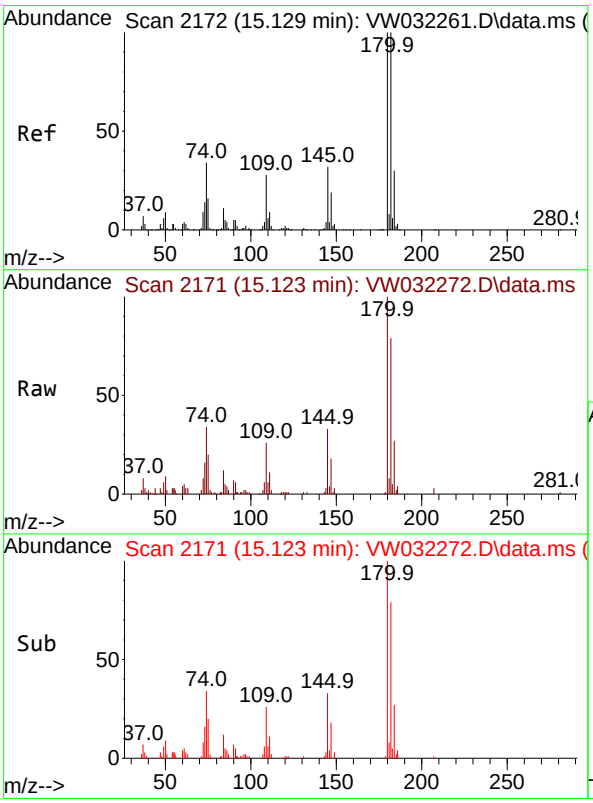
Ion	Ratio	Lower	Upper
75	100		
155	69.6	38.2	114.6
157	92.6	47.0	141.0



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
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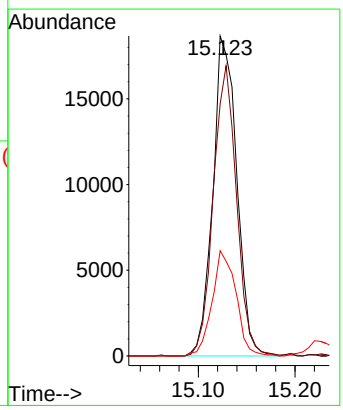
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

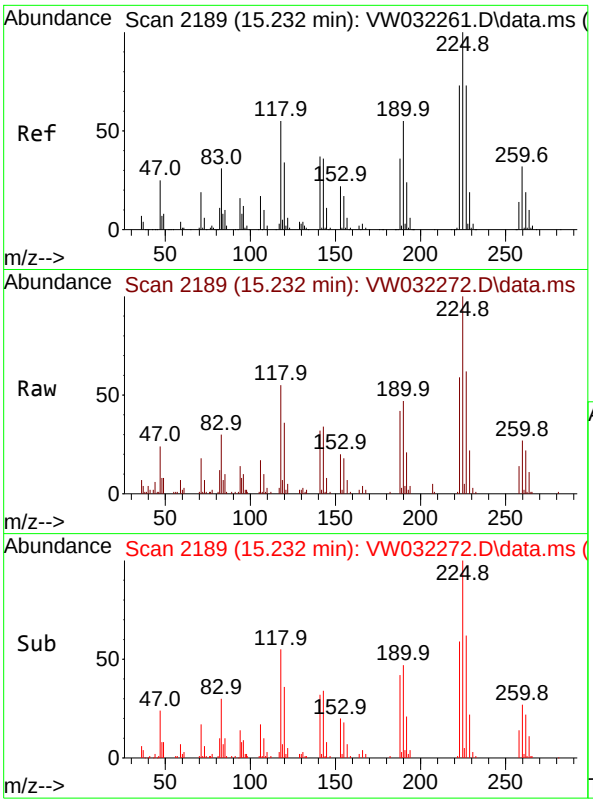


#93
1,2,4-Trichlorobenzene
Concen: 27.161 ug/l
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:180 Resp: 32039

Ion	Ratio	Lower	Upper
180	100		
182	88.5	48.4	145.3
145	32.9	16.9	50.7

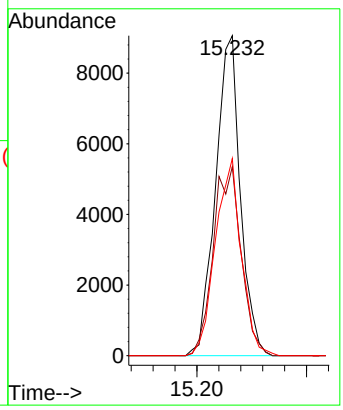




#94
Hexachlorobutadiene
Concen: 26.326 ug/l
RT: 15.232 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:225 Resp: 1426

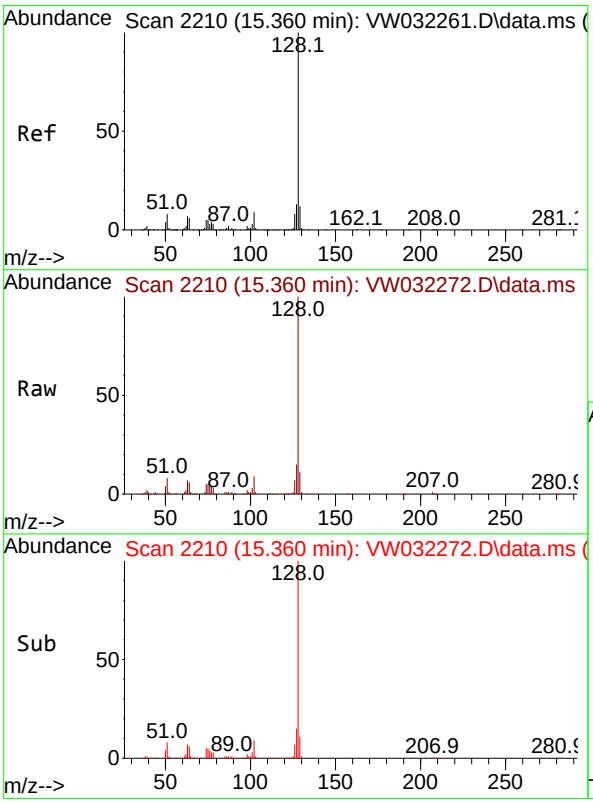
Ion	Ratio	Lower	Upper
225	100		
223	66.3	36.4	109.2
227	64.1	36.4	109.2



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

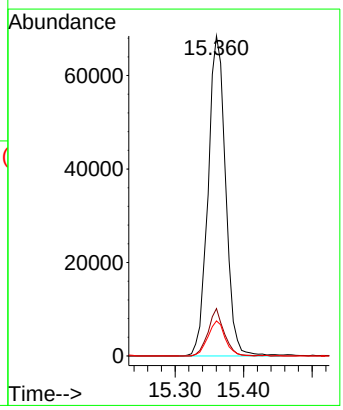
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

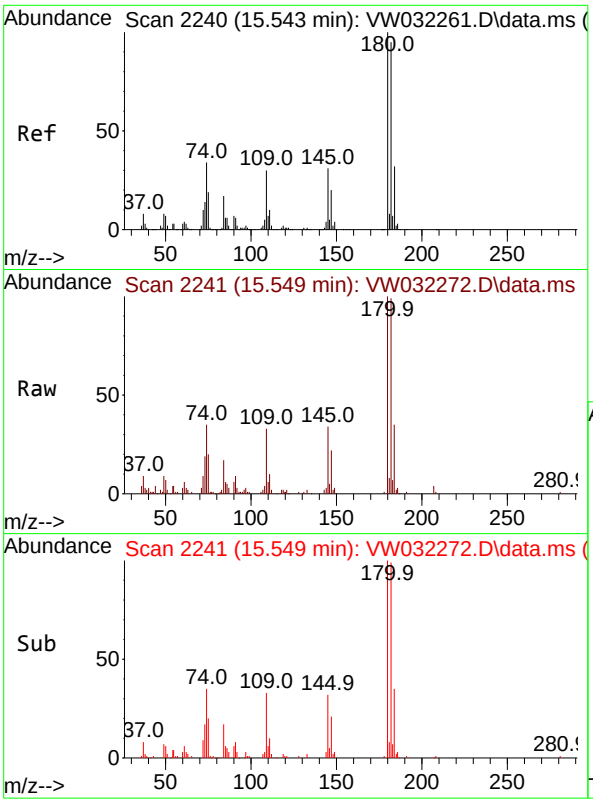


#95
Naphthalene
Concen: 43.051 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:128 Resp: 121884

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.8	9.0	13.4

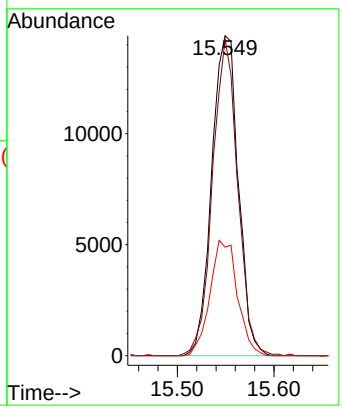




#96
1,2,3-Trichlorobenzene
Concen: 25.085 ug/l
RT: 15.549 min Scan# 2
Delta R.T. 0.006 min
Lab File: VW032272.D
Acq: 26 Sep 2025 12:11

Tgt Ion:180 Resp: 2751

Ion	Ratio	Lower	Upper
180	100		
182	93.6	45.5	136.4
145	37.2	18.1	54.1



Instrument :
MSVOA_W
ClientSampleId :
EME-TS14-01MSD

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

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

Manual Integration Report

Sequence:	VW082625	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032137.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:27 PM	Sam	8/27/2025 3:13:45 PM	Peak Integrated by Software
VSTDICC010	VW032138.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:28 PM	Sam	8/27/2025 3:13:47 PM	Peak Integrated by Software
VSTDICC020	VW032139.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:30 PM	Sam	8/27/2025 3:15:39 PM	Peak Integrated by Software
VSTDICC100	VW032141.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:34 PM	Sam	8/27/2025 3:15:43 PM	Peak Integrated by Software
VSTDICC150	VW032142.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:36 PM	Sam	8/27/2025 3:15:44 PM	Peak Integrated by Software
VSTDICCC050	VW032144.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:38 PM	Sam	8/27/2025 3:15:46 PM	Peak Integrated by Software
VSTDICV050	VW032146.D	1,2,3-Trichloropropane	MMDadoda	8/27/2025 3:10:39 PM	Sam	8/27/2025 3:15:47 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW092425	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032241.D	1,2,3-Trichloropropane	MMDadoda	9/26/2025 1:46:22 AM	SAM	9/26/2025 2:03:56 AM	Peak Integrated by Software
VW0924SBS01	VW032243.D	1,2,3-Trichloropropane	MMDadoda	9/26/2025 1:46:24 AM	SAM	9/26/2025 2:03:57 AM	Peak Integrated by Software
VSTDCCC050	VW032256.D	1,2,3-Trichloropropane	MMDadoda	9/26/2025 1:46:26 AM	SAM	9/26/2025 2:04:01 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW092525	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW032258.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:23 AM	sam	9/29/2025 1:04:57 AM	Peak Integrated by Software
VSTDICC010	VW032259.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:28 AM	sam	9/29/2025 1:05:07 AM	Peak Integrated by Software
VSTDICC020	VW032260.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:34 AM	sam	9/29/2025 1:05:14 AM	Peak Integrated by Software
VSTDICCC050	VW032261.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:41 AM	sam	9/29/2025 1:05:24 AM	Peak Integrated by Software
VSTDICC100	VW032262.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:48 AM	sam	9/29/2025 1:05:28 AM	Peak Integrated by Software
VSTDICC150	VW032263.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:53 AM	sam	9/29/2025 1:05:38 AM	Peak Integrated by Software
VSTDICV050	VW032265.D	1,2,3-Trichloropropane	MMdadoda	9/29/2025 12:53:58 AM	sam	9/29/2025 1:05:42 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW092625	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW032267.D	1,2,3-Trichloropropane	MMDadoda	9/29/2025 7:35:19 AM	SAM	9/29/2025 7:40:21 AM	Peak Integrated by Software
VW0926SBS01	VW032269.D	1,2,3-Trichloropropane	MMDadoda	9/29/2025 7:35:21 AM	SAM	9/29/2025 7:40:27 AM	Peak Integrated by Software
Q3178-02MS	VW032271.D	1,2,3-Trichloropropane	MMDadoda	9/29/2025 7:35:25 AM	SAM	9/29/2025 7:40:43 AM	Peak Integrated by Software
Q3178-03MSD	VW032272.D	1,2,3-Trichloropropane	MMDadoda	9/29/2025 7:35:27 AM	SAM	9/29/2025 7:40:46 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW082625

Review By	Semsettin Yesilyurt	Review On	8/27/2025 3:17:38 PM				
Supervise By	Mahesh Dadoda	Supervise On	8/27/2025 3:19:36 PM				
SubDirectory	VW082625	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135292
Initial Calibration Stds	VP135293,VP135294,VP135295,VP135296,VP135297,VP135298
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032136.D	26 Aug 2025 08:38	SY/MD	Ok
2	VSTDICC005	VW032137.D	26 Aug 2025 09:39	SY/MD	Ok,M
3	VSTDICC010	VW032138.D	26 Aug 2025 10:23	SY/MD	Ok,M
4	VSTDICC020	VW032139.D	26 Aug 2025 10:45	SY/MD	Ok,M
5	VSTDICCC050	VW032140.D	26 Aug 2025 11:07	SY/MD	Not Ok
6	VSTDICC100	VW032141.D	26 Aug 2025 11:29	SY/MD	Ok,M
7	VSTDICC150	VW032142.D	26 Aug 2025 11:51	SY/MD	Ok,M
8	VIBLK	VW032143.D	26 Aug 2025 12:12	SY/MD	Ok
9	VSTDICCC050	VW032144.D	26 Aug 2025 12:34	SY/MD	Ok,M
10	VIBLK	VW032145.D	26 Aug 2025 13:02	SY/MD	Ok
11	VSTDICV050	VW032146.D	26 Aug 2025 13:55	SY/MD	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:46:35 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:04:10 AM				
SubDirectory	VW092425	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135625
Initial Calibration Stds	
CCC	VP135626,VP135627
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032240.D	24 Sep 2025 12:29	SY/MD	Ok
2	VSTDCCC050	VW032241.D	24 Sep 2025 12:59	SY/MD	Ok,M
3	VW0924SBL01	VW032242.D	24 Sep 2025 14:37	SY/MD	Ok
4	VW0924SBS01	VW032243.D	24 Sep 2025 15:03	SY/MD	Ok,M
5	VW0924SBSD01	VW032244.D	24 Sep 2025 15:25	SY/MD	Ok,M
6	Q3176-01	VW032245.D	24 Sep 2025 15:46	SY/MD	Ok
7	Q3176-02	VW032246.D	24 Sep 2025 16:08	SY/MD	Ok
8	Q3176-03	VW032247.D	24 Sep 2025 16:30	SY/MD	Ok
9	Q3178-01	VW032248.D	24 Sep 2025 16:52	SY/MD	Ok
10	Q3178-02	VW032249.D	24 Sep 2025 17:14	SY/MD	Not Ok
11	Q3178-03	VW032250.D	24 Sep 2025 17:35	SY/MD	Not Ok
12	Q3183-03	VW032251.D	24 Sep 2025 17:57	SY/MD	Ok
13	Q3183-06	VW032252.D	24 Sep 2025 18:19	SY/MD	Ok
14	Q3183-09	VW032253.D	24 Sep 2025 18:41	SY/MD	Ok
15	Q3168-03	VW032254.D	24 Sep 2025 19:02	SY/MD	ReRun
16	VIBLK	VW032255.D	24 Sep 2025 19:24	SY/MD	Ok
17	VSTDCCC050	VW032256.D	24 Sep 2025 19:46	SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW092525

Review By	Mahesh Dadoda	Review On	9/29/2025 1:07:01 AM				
Supervise By	Semsettin Yesilyurt	Supervise On	9/29/2025 1:07:30 AM				
SubDirectory	VW092525	HP Acquire Method	MSVOA_W	HP Processing Method	82w092525s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135637
Initial Calibration Stds	VP135638,VP135639,VP135641,VP135642,VP135643,VP135644
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135645
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032257.D	25 Sep 2025 10:01	SY/MD	Ok
2	VSTDICC005	VW032258.D	25 Sep 2025 10:45	SY/MD	Ok,M
3	VSTDICC010	VW032259.D	25 Sep 2025 11:30	SY/MD	Ok,M
4	VSTDICC020	VW032260.D	25 Sep 2025 11:52	SY/MD	Ok,M
5	VSTDICCC050	VW032261.D	25 Sep 2025 12:24	SY/MD	Ok,M
6	VSTDICC100	VW032262.D	25 Sep 2025 12:46	SY/MD	Ok,M
7	VSTDICC150	VW032263.D	25 Sep 2025 13:08	SY/MD	Ok,M
8	VIBLK	VW032264.D	25 Sep 2025 13:46	SY/MD	Ok
9	VSTDICV050	VW032265.D	25 Sep 2025 14:41	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW092625

Review By	Semsettin Yesilyurt	Review On	9/29/2025 7:41:11 AM				
Supervise By	Mahesh Dadoda	Supervise On	9/30/2025 2:21:17 AM				
SubDirectory	VW092625	HP Acquire Method	MSVOA_W	HP Processing Method	82w092525s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP135670
Initial Calibration Stds	
CCC	VP135671,VP135672
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW032266.D	26 Sep 2025 08:13	SY/MD	Ok
2	VSTDCCC050	VW032267.D	26 Sep 2025 08:43	SY/MD	Ok,M
3	VW0926SBL01	VW032268.D	26 Sep 2025 09:41	SY/MD	Ok
4	VW0926SBS01	VW032269.D	26 Sep 2025 10:08	SY/MD	Ok,M
5	VW0926SBSD01	VW032270.D	26 Sep 2025 11:09	SY/MD	Ok,M
6	Q3178-02MS	VW032271.D	26 Sep 2025 11:49	SY/MD	Ok,M
7	Q3178-03MSD	VW032272.D	26 Sep 2025 12:11	SY/MD	Ok,M
8	Q3168-03RE	VW032273.D	26 Sep 2025 12:33	SY/MD	Confirms
9	Q3200-01	VW032274.D	26 Sep 2025 12:56	SY/MD	Ok
10	Q3209-01RE	VW032275.D	26 Sep 2025 13:18	SY/MD	Confirms
11	Q3206-01RE	VW032276.D	26 Sep 2025 13:39	SY/MD	Confirms
12	Q3221-01	VW032277.D	26 Sep 2025 14:01	SY/MD	ReRun
13	Q3220-01	VW032278.D	26 Sep 2025 14:23	SY/MD	ReRun
14	Q3216-02	VW032279.D	26 Sep 2025 14:45	SY/MD	Ok
15	Q3215-01	VW032280.D	26 Sep 2025 15:09	SY/MD	Ok
16	Q3222-01	VW032281.D	26 Sep 2025 15:31	SY/MD	Ok
17	Q3231-03	VW032282.D	26 Sep 2025 15:53	SY/MD	Ok
18	Q3231-07	VW032283.D	26 Sep 2025 16:15	SY/MD	Ok
19	Q3231-11	VW032284.D	26 Sep 2025 16:37	SY/MD	Ok
20	Q3231-15	VW032285.D	26 Sep 2025 16:59	SY/MD	Ok
21	VIBLK	VW032286.D	26 Sep 2025 17:20	SY/MD	Ok

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW082625

Review By	Semsettin Yesilyurt	Review On	8/27/2025 3:17:38 PM		
Supervise By	Mahesh Dadoda	Supervise On	8/27/2025 3:19:36 PM		
SubDirectory	VW082625	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135292
Initial Calibration Stds	VP135293,VP135294,VP135295,VP135296,VP135297,VP135298
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135299
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032136.D	26 Aug 2025 08:38		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW032137.D	26 Aug 2025 09:39		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW032138.D	26 Aug 2025 10:23	QR-20	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW032139.D	26 Aug 2025 10:45		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW032140.D	26 Aug 2025 11:07	Not used	SY/MD	Not Ok
6	VSTDICC100	VSTDICC100	VW032141.D	26 Aug 2025 11:29		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW032142.D	26 Aug 2025 11:51		SY/MD	Ok,M
8	VIBLK	VIBLK	VW032143.D	26 Aug 2025 12:12		SY/MD	Ok
9	VSTDICCC050	VSTDICCC050	VW032144.D	26 Aug 2025 12:34		SY/MD	Ok,M
10	VIBLK	VIBLK	VW032145.D	26 Aug 2025 13:02		SY/MD	Ok
11	VSTDICV050	ICVVW082625	VW032146.D	26 Aug 2025 13:55		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW092425

Review By	Mahesh Dadoda	Review On	9/26/2025 1:46:35 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/26/2025 2:04:10 AM		
SubDirectory	VW092425	HP Acquire Method	MSVOA_W	HP Processing Method	82w082625s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135625
Initial Calibration Stds	
CCC	VP135626,VP135627
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032240.D	24 Sep 2025 12:29		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032241.D	24 Sep 2025 12:59		SY/MD	Ok,M
3	VW0924SBL01	VW0924SBL01	VW032242.D	24 Sep 2025 14:37		SY/MD	Ok
4	VW0924SBS01	VW0924SBS01	VW032243.D	24 Sep 2025 15:03		SY/MD	Ok,M
5	VW0924SBSD01	VW0924SBSD01	VW032244.D	24 Sep 2025 15:25		SY/MD	Ok,M
6	Q3176-01	EME-TS12-01	VW032245.D	24 Sep 2025 15:46	vial-A	SY/MD	Ok
7	Q3176-02	EME-TS13-01	VW032246.D	24 Sep 2025 16:08	vial-A	SY/MD	Ok
8	Q3176-03	EME-TS14-02	VW032247.D	24 Sep 2025 16:30	vial-A	SY/MD	Ok
9	Q3178-01	EME-TS14-01	VW032248.D	24 Sep 2025 16:52	vial-A	SY/MD	Ok
10	Q3178-02	EME-TS14-01MS	VW032249.D	24 Sep 2025 17:14	vial-A Matrix not spiked	SY/MD	Not Ok
11	Q3178-03	EME-TS14-01MSD	VW032250.D	24 Sep 2025 17:35	vial-A Matrix not spiked	SY/MD	Not Ok
12	Q3183-03	WC-1-VOC	VW032251.D	24 Sep 2025 17:57	vial-A	SY/MD	Ok
13	Q3183-06	WC-4-VOC	VW032252.D	24 Sep 2025 18:19	vial-A	SY/MD	Ok
14	Q3183-09	WC-3-VOC	VW032253.D	24 Sep 2025 18:41	vial-A	SY/MD	Ok
15	Q3168-03	ARS20-0010-Oily Soil-S	VW032254.D	24 Sep 2025 19:02	vial-A Internal Standard Fail	SY/MD	ReRun
16	VIBLK	VIBLK	VW032255.D	24 Sep 2025 19:24		SY/MD	Ok
17	VSTDCCC050	VSTDCCC050EC	VW032256.D	24 Sep 2025 19:46		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW092525

Review By	Mahesh Dadoda	Review On	9/29/2025 1:07:01 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	9/29/2025 1:07:30 AM		
SubDirectory	VW092525	HP Acquire Method	MSVOA_W	HP Processing Method	82w092525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135637
Initial Calibration Stds	VP135638,VP135639,VP135641,VP135642,VP135643,VP135644
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP135645
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032257.D	25 Sep 2025 10:01		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW032258.D	25 Sep 2025 10:45	LR-20	SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW032259.D	25 Sep 2025 11:30		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW032260.D	25 Sep 2025 11:52		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW032261.D	25 Sep 2025 12:24		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW032262.D	25 Sep 2025 12:46		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW032263.D	25 Sep 2025 13:08		SY/MD	Ok,M
8	VIBLK	VIBLK	VW032264.D	25 Sep 2025 13:46		SY/MD	Ok
9	VSTDICV050	ICVVW092525	VW032265.D	25 Sep 2025 14:41		SY/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW092625

Review By	Semsettin Yesilyurt	Review On	9/29/2025 7:41:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/30/2025 2:21:17 AM		
SubDirectory	VW092625	HP Acquire Method	MSVOA_W	HP Processing Method	82w092525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135670
Initial Calibration Stds	
CCC	VP135671,VP135672
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW032266.D	26 Sep 2025 08:13		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW032267.D	26 Sep 2025 08:43		SY/MD	Ok,M
3	VW0926SBL01	VW0926SBL01	VW032268.D	26 Sep 2025 09:41		SY/MD	Ok
4	VW0926SBS01	VW0926SBS01	VW032269.D	26 Sep 2025 10:08		SY/MD	Ok,M
5	VW0926SBSD01	VW0926SBSD01	VW032270.D	26 Sep 2025 11:09		SY/MD	Ok,M
6	Q3178-02MS	EME-TS14-01MS	VW032271.D	26 Sep 2025 11:49	vial-B Internal Standard fail	SY/MD	Ok,M
7	Q3178-03MSD	EME-TS14-01MSD	VW032272.D	26 Sep 2025 12:11	vial-B Internal Standard fail	SY/MD	Ok,M
8	Q3168-03RE	ARS20-0010-Oily Soil-S	VW032273.D	26 Sep 2025 12:33	vial-B Internal Standard Fail	SY/MD	Confirms
9	Q3200-01	ETGI-367	VW032274.D	26 Sep 2025 12:56	vial-B	SY/MD	Ok
10	Q3209-01RE	PL-02-092525RE	VW032275.D	26 Sep 2025 13:18	vial-B Internal Standard fail	SY/MD	Confirms
11	Q3206-01RE	TR-06-092525RE	VW032276.D	26 Sep 2025 13:39	vial-B Internal Standard fail	SY/MD	Confirms
12	Q3221-01	HD-01-092625	VW032277.D	26 Sep 2025 14:01	vial-A Internal Standard fail	SY/MD	ReRun
13	Q3220-01	OR-03-092625	VW032278.D	26 Sep 2025 14:23	vial-A Internal Standard fail	SY/MD	ReRun
14	Q3216-02	VOC	VW032279.D	26 Sep 2025 14:45	vial-A	SY/MD	Ok
15	Q3215-01	WASTE	VW032280.D	26 Sep 2025 15:09	vial-A	SY/MD	Ok
16	Q3222-01	SU-03-092625	VW032281.D	26 Sep 2025 15:31	vial-A	SY/MD	Ok
17	Q3231-03	WC-1-VOC	VW032282.D	26 Sep 2025 15:53	vial-A	SY/MD	Ok
18	Q3231-07	WC-2-VOC	VW032283.D	26 Sep 2025 16:15	vial-A	SY/MD	Ok

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW092625

Review By	Semsettin Yesilyurt	Review On	9/29/2025 7:41:11 AM		
Supervise By	Mahesh Dadoda	Supervise On	9/30/2025 2:21:17 AM		
SubDirectory	VW092625	HP Acquire Method	MSVOA_W	HP Processing Method	82w092525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP135670
Initial Calibration Stds	
CCC	VP135671,VP135672
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q3231-11	WC-3-VOC	VW032284.D	26 Sep 2025 16:37	vial-A	SY/MD	Ok
20	Q3231-15	WC-4-VOC	VW032285.D	26 Sep 2025 16:59	vial-A	SY/MD	Ok
21	VIBLK	VIBLK	VW032286.D	26 Sep 2025 17:20		SY/MD	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/25/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137296

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
Q3170-01	MOD-25-0271	1	1.00	1.00	2.00	2.00	100.0	oil sample
Q3170-02	MOD-25-0271	2	1.00	1.00	2.00	2.00	100.0	oil sample
Q3176-01	EME-TS12-01	3	1.15	10.61	11.76	8.16	66.1	
Q3176-02	EME-TS13-01	4	1.18	10.37	11.55	8.27	68.4	
Q3176-03	EME-TS14-02	5	1.13	10.35	11.48	8.37	70.0	
Q3178-01	EME-TS14-01	6	1.13	10.74	11.87	8.8	71.4	
Q3178-02	EME-TS14-01MS	7	1.13	10.74	11.87	8.8	71.4	
Q3178-03	EME-TS14-01MSD	8	1.13	10.74	11.87	8.8	71.4	
Q3183-01	WC-1	9	1.18	10.41	11.59	10.09	85.6	
Q3183-02	WC-1-EPH	10	1.19	10.43	11.62	10.19	86.3	
Q3183-03	WC-1-VOC	11	1.13	10.60	11.73	10.55	88.9	
Q3183-04	WC-4	12	1.19	10.56	11.75	10.6	89.1	
Q3183-05	WC-4-EPH	13	1.19	10.49	11.68	9.77	81.8	
Q3183-06	WC-4-VOC	14	1.18	10.63	11.81	10.42	86.9	
Q3183-07	WC-3	15	1.13	10.42	11.55	9.8	83.2	
Q3183-08	WC-3-EPH	16	1.13	10.49	11.62	9.79	82.6	
Q3183-09	WC-3-VOC	17	1.19	10.55	11.74	10.96	92.6	
Q3185-01	Y2404-0048-1-1	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-02	Y2404-0048-1-2	19	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-03	KMH392P-1-1	20	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-04	KMH392P-1-2	21	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-05	EFB430R-1-1	22	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-06	EFB430R-1-2	23	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-07	4125-A	24	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-08	4125-B	25	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-09	4125-C	26	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-10	4125-D	27	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-11	4125-E	28	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/25/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 09/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:37
Out Date: 09/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137296

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
Q3185-12	4126-A	29	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-13	4126-B	30	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-14	4126-C	31	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-15	4126-D	32	1.00	1.00	2.00	2.00	100.0	PILC
Q3185-16	4126-E	33	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-01	Y2404-0043-1-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-02	Y2404-0043-1-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-03	KMA695Y-1-1	36	1.00	1.00	2.00	2.00	100.0	PILC
Q3186-04	KMA695Y-1-2	37	1.00	1.00	2.00	2.00	100.0	PILC
Q3187-01	228	38	1.19	10.67	11.86	10.96	91.6	
Q3187-02	228-E2	39	1.14	10.49	11.63	10.32	87.5	
Q3188-01	4135	40	1.00	1.00	2.00	2.00	100.0	debris
Q3188-02	RB22120	41	1.18	10.32	11.5	10.88	94.0	
Q3188-03	RB22120	42	1.16	10.60	11.76	10.92	92.1	
Q3189-01	72-11989	43	1.15	10.84	11.99	11.33	93.9	
Q3189-02	72-11989-E2	44	1.11	10.67	11.78	11.44	96.8	
Q3191-01	459	45	1.00	1.00	2.00	2.00	100.0	oil sample
Q3192-01	RB104	46	1.15	10.91	12.06	11.49	94.8	
Q3192-02	RB105	47	1.13	10.80	11.93	11.26	93.8	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3170-01	MOD-25-0271	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/23/2025	Chemtech -SO
Q3170-02	MOD-25-0271	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/23/2025	Chemtech -SO
Q3176-01	EME-TS12-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3176-02	EME-TS13-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3176-03	EME-TS14-02	Solid	Percent Solids	Cool 4 deg C	ROYF02	J43	09/23/2025	Chemtech -SO
Q3178-01	EME-TS14-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3178-02	EME-TS14-01MS	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3178-03	EME-TS14-01MSD	Solid	Percent Solids	Cool 4 deg C	ROYF02	J33	09/23/2025	Chemtech -SO
Q3183-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-04	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-05	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-06	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-07	WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-08	WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3183-09	WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	J32	09/24/2025	Chemtech -SO
Q3185-01	Y2404-0048-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-02	Y2404-0048-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-03	KMH392P-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-04	KMH392P-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO

Date/Time 09/24/25 15:25

Raw Sample Received by: PP CWC

Raw Sample Relinquished by: CR

Date/Time 09/24/25 17:35

Raw Sample Received by: CR

Raw Sample Relinquished by: PP CWC

WORKLIST(Hardcopy Internal Chain)

VB137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3185-05	EFB430R-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-06	EFB430R-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-07	4125-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-08	4125-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-09	4125-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-10	4125-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-11	4125-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-12	4126-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-13	4126-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-14	4126-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-15	4126-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3185-16	4126-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3186-01	Y2404-0043-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/24/2025	Chemtech -SO
Q3186-02	Y2404-0043-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3186-03	KMA695Y-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3186-04	KMA695Y-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J42	09/24/2025	Chemtech -SO
Q3187-01	228	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/24/2025	Chemtech -SO
Q3187-02	228-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	J11	09/24/2025	Chemtech -SO
Q3188-01	4135	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/24/2025	Chemtech -SO
Q3188-02	RB22120	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/24/2025	Chemtech -SO
Q3188-03	RB22120	Solid	Percent Solids	Cool 4 deg C	PSEG03	J12	09/24/2025	Chemtech -SO

Date/Time 09/24/25 1525

Raw Sample Received by: TP CW C

Raw Sample Relinquished by:

Date/Time 09/24/25 1735

Raw Sample Received by:

Raw Sample Relinquished by: TP CW C

WORKLIST(Hardcopy Internal Chain)

VB 137296

WorkList Name : %1-092425 **WorkList ID :** 192050 **Department :** Wet-Chemistry **Date :** 09-24-2025 13:11:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3189-01	72-11989	Solid	Percent Solids	Cool 4 deg C	PSEG03		09/24/2025	Chemtech -SO
Q3189-02	72-11989-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	I63	09/24/2025	Chemtech -SO
Q3191-01	459	Solid	Percent Solids	Cool 4 deg C	PSEG03	J41	09/25/2025	Chemtech -SO
Q3192-01	RB104	Solid	Percent Solids	Cool 4 deg C	GENV01	J13	09/24/2025	Chemtech -SO
Q3192-02	RB105	Solid	Percent Solids	Cool 4 deg C	GENV01	J13	09/24/2025	Chemtech -SO

Date/Time 09/24/25 1512

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 09/24/25 1735

Raw Sample Received by:

Raw Sample Relinquished by:

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

Prep Standard - Chemical Standard Summary

Order ID : Q3178

Test : VOC-TCLVOA-10

Prepbatch ID :

Sequence ID/Qc Batch ID: VW092425,VW092625,

Standard ID :
VP133934,VP134147,VP134149,VP134150,VP134934,VP134957,VP135480,VP135481,VP135552,VP135553,VP135625,VP135626,VP135627,VP135670,VP135671,VP135672,

Chemical ID :
V13391,V14200,V14204,V14205,V14290,V14509,V14510,V14531,V14532,V14625,V14636,V14637,V14638,V14639,V14673,V14727,V14728,V14803,V14815,V14844,V14906,V14921,V14928,V14929,V14951,V14952,V15066,V15067,V15068,W3112,

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1917	8260 Internal standard 50 ppm	VP133934	05/16/2025	11/12/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 05/21/2025

FROM 0.10000ml of V14290 + 49.90000ml of V14921 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
252	8260 Working STD (BCM)-First source, 100PPM	VP134147	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14673 + 19.00000ml of V14929 = Final Quantity: 20.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1810	8260 Working Std(2-CVE)-800ppm	VP134149	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 1.00000ml of V14636 + 1.00000ml of V14637 + 1.00000ml of V14638 + 1.00000ml of V14639 + 46.00000ml of V14929 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1811	8260 Working Std(2-CVE)-500ppm	VP134150	06/06/2025	12/06/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 06/10/2025

FROM 7.50000ml of V14929 + 12.50000ml of VP134149 = Final Quantity: 20.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
249	8260 Surrogate, 100PPM	VP134934	07/29/2025	01/29/2026	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.10000ml of V14906 + 24.90000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
218	BFB, 25PPM	VP134957	08/01/2025	11/22/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 08/06/2025

FROM 0.50000ml of V13391 + 49.50000ml of V14625 = Final Quantity: 50.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
51	8260 Working STD (Acrolein) -first source, 800PPM	VP135480	09/16/2025	10/15/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/19/2025

FROM 1.00000ml of V15066 + 1.50000ml of V15067 + 1.50000ml of V15068 + 21.00000ml of V14625 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
56	8260 Working STD (Acrolein) -first source, 500PPM	VP135481	09/16/2025	10/15/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/19/2025

FROM 5.62500ml of V14625 + 9.37500ml of VP135480 = Final Quantity: 15.000 ml

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VOC STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
257	8260 Calibration Working STD Mix-First source, 160PPM	VP135552	09/22/2025	11/03/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2025

FROM 0.40000ml of V14844 + 1.00000ml of V14200 + 1.00000ml of V14509 + 1.00000ml of V14510 + 1.00000ml of V14531 + 1.00000ml of V14532 + 1.00000ml of V14727 + 1.00000ml of V14728 + 1.00000ml of V14803 + 1.00000ml of V14815 + 1.00000ml of V14951 + 1.00000ml of V14952 + 1.50000ml of V14204 + 1.50000ml of V14205 + 10.60000ml of V14928 = Final Quantity: 25.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
244	8260 Calibration Working STD Mix-First source, 100PPM	VP135553	09/22/2025	11/03/2025	Semsettin Yesilyurt	None	None	Mahesh Dadoda 09/26/2025

FROM 5.62500ml of V14928 + 9.37500ml of VP135552 = Final Quantity: 15.000 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	VP135625	09/24/2025	09/25/2025	Amit Patel	None	None	Mahesh Dadoda 09/29/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP134957 = 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	VP135626	09/24/2025	09/25/2025	Amit Patel	None	None	Mahesh Dadoda 09/29/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00250ml of VP134934 + 0.00250ml of VP135481 + 0.00250ml of VP135553 + 0.00500ml of VP133934 = 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	VP135627	09/24/2025	09/25/2025	Amit Patel	None	None	Mahesh Dadoda 09/29/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00250ml of VP134934 + 0.00250ml of VP135481 + 0.00250ml of VP135553 + 0.00500ml of VP133934 = Final Quantity: 5.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
732	BFB TUNE CHECK - SOIL	VP135670	09/26/2025	09/27/2025	Amit Patel	None	None	Mahesh Dadoda 10/02/2025

FROM 4.99800ml of W3112 + 0.00200ml of VP134957 = 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	VP135671	09/26/2025	09/27/2025	Amit Patel	None	None	Mahesh Dadoda 10/02/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00250ml of VP134934 + 0.00250ml of VP135481 + 0.00250ml of VP135553 + 0.00500ml of VP133934 = 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	VP135672	09/26/2025	09/27/2025	Amit Patel	None	None	Mahesh Dadoda 10/02/2025

FROM 4.98000ml of W3112 + 0.00250ml of VP134147 + 0.00250ml of VP134150 + 0.00250ml of VP134934 + 0.00250ml of VP135481 + 0.00250ml of VP135553 + 0.00500ml of VP133934 = Final Quantity: 5.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30067 / BFB tuneing solution	A0191805	11/22/2025	11/22/2024 / SAM	01/13/2023 / SAM	V13391

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14204

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30006 / VOA Mix, CLP method Calibration Std #1 ketones 5000uq/ml, PTM, 1ml	A0200785	03/22/2026	09/22/2025 / sam	02/28/2024 / SAM	V14205

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555581 / Custom Standard, 8260 Internal Std [CS 5179-1]	A0210184	12/12/2025	12/12/2024 / SAM	04/15/2024 / SAM	V14290

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14509

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95317 / Universal VOA Mega Mix (Min order = 5)	021624	03/22/2026	09/22/2025 / sam	09/17/2024 / SAM	V14510

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14531

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	95319 / Revised Additions Mix (Min = 5)	091724	03/22/2026	09/22/2025 / sam	09/18/2024 / SAM	V14532

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	23I0762004	01/29/2026	07/29/2025 / SAM	11/26/2024 / SAM	V14625

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14636

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14637

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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	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14638

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ 2-Chloroethyl vinyl ether	120524	12/06/2025	06/06/2025 / SAM	12/06/2024 / SAM	V14639

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30225 / VOA Mix, bromochloromethane, 2000ug/mL, P&TM, 1mL/ampul	A0214960	12/06/2025	06/06/2025 / SAM	12/09/2024 / SAM	V14673

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14727

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30042 / VOA Mix,500 series method 502.2 Calibration Std #1 gases, 2000uq/ml, PTM, 1ml	A0216826	03/22/2026	09/22/2025 / sam	12/17/2024 / SAM	V14728

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14803

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555408 / Custom Standard, Vinyl Acetate Standard w/ Grav [CS 5066-6] TWO SEPARATE LOTS	A0220471	03/22/2026	09/22/2025 / sam	01/08/2025 / SAM	V14815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30470 / VOA Stock Solution, tert-butanol std, 1mL, P&TM	A0217535	03/22/2026	09/22/2025 / sam	01/21/2025 / SAM	V14844

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	555582 / Custom Mixture, 8260 A/B Surrogate Mix [CS 5179-2]	A0223904	07/29/2026	07/29/2025 / SAM	03/24/2025 / SAM	V14906

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	11/12/2025	05/12/2025 / SAM	05/09/2025 / SAM	V14921

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	03/22/2026	09/22/2025 / sam	05/09/2025 / SAM	V14928

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA9077-02 / Methanol, Purge/Trap (cs=6x1L)	24G0262002	12/06/2025	06/06/2025 / SAM	05/09/2025 / SAM	V14929

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	30489 / VOA Mix, 8260B Acetates Mix, P&TM, 1mL	A0222076	03/22/2026	09/22/2025 / sam	05/19/2025 / SAM	V14952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15066

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15067

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	91980 / Acrolin Std (Min = 5)	091525	10/15/2025	09/16/2025 / sam	09/16/2025 / sam	V15068

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

avantor™ | J.T.Baker®

Material No.: 9077-02
Batch No.: 2310762004
Manufactured Date: 2023-08-11
Expiration Date: 2026-08-10
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.2
Titrable Base (µeq/g)	≤ 0.10	0.01
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis – Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

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

5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 100.0 0.021 Flask Uncertainty

Formulated By: Prashant Chauhan 021624 DATE
Reviewed By: Pedro L. Rentas 021624 DATE

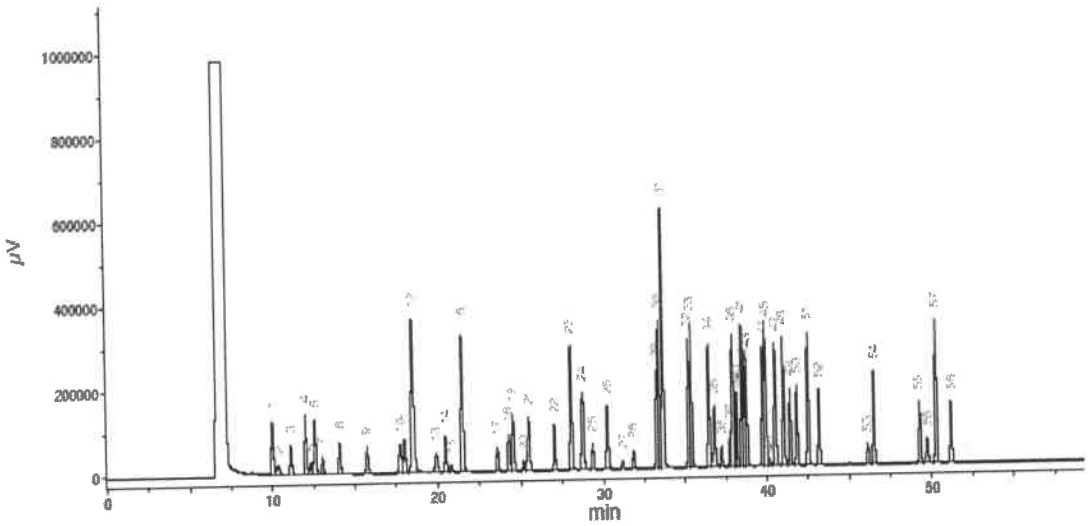
	Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1.	Acetonitrile	(0324)	021644	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20020	2001.3	8.1	75-05-8	40 ppm (70mg/m3/8H)	orl-rat 2460mg/kg
2.	Allyl chloride (3-Chloropropene)	(0325)	102396	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	107-05-1	1 ppm (3mg/m3/8H)	orl-rat 700mg/kg
3.	Carbon disulphide	(0060)	MKCR8561	NA	NA	NA	2000	99.99	0.2	NA	0.20007	0.20023	2001.6	8.1	75-15-0	4 ppm (12mg/m3) (skin)	orl-rat 1200mg/kg
4.	cis-1,4-Dichloro-2-butene	(1196)	14718EF	NA	NA	NA	2000	95	0.2	NA	0.21058	0.21069	2001.1	8.5	1476-11-5	N/A	N/A
5.	trans-1,4-Dichloro-2-butene	(0466)	MKBP6041V	NA	NA	NA	2000	96.5	0.2	NA	0.20731	0.20748	2001.7	8.4	110-57-6	N/A	N/A
6.	Diethyl ether	(0153)	IK18CAS0000	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	60-29-7	N/A	N/A
7.	Ethyl methacrylate	(0381)	06128PX	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20230	2002.3	8.2	97-63-2	N/A	orl-rat 14800mg/kg
8.	Iodomethane	(0489)	SHBF8718V	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20121	2001.5	8.2	74-88-4	5 ppm(28mg/m3/8H)(skin)	orl-rat 76mg/kg
9.	2-Methyl-1-propanol	(0445)	15241EB	NA	NA	NA	2000	99.5	0.2	NA	0.20106	0.20120	2001.4	8.1	78-83-1	50 ppm (150mg/m3/8H)	orl-rat 2460mg/kg
10.	Methacrylonitrile	(0442)	00427ET	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20221	2001.4	8.2	126-98-7	1 ppm (3mg/m3/8H)(skin)	orl-rat 120mg/kg
11.	Methyl acrylate	(1075)	SHBK0679	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20040	2001.5	8.1	96-33-3	10 ppm(35mg/m3/8H)(skin)	orl-rat 277mg/kg
12.	Methyl methacrylate	(0404)	MKBW5137V	NA	NA	NA	2000	99.9	0.2	NA	0.20025	0.20041	2001.6	8.1	80-62-6	100 ppm (410mg/m3/8H)	orl-rat 7872mg/kg
13.	Nitrobenzene	(0228)	01213TV	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20220	2001.3	8.2	98-95-3	1 ppm (5mg/m3/8H)(skin)	orl-rat 780mg/kg
14.	2-Nitropropane	(0461)	14002JX	NA	NA	NA	2000	97.3	0.2	NA	0.20560	0.20577	2001.6	8.3	79-46-9	10 ppm (35mg/m3/8H)	orl-rat 720mg/kg
15.	Pentachloroethane	(0450)	HGA01	NA	NA	NA	2000	98	0.2	NA	0.20413	0.20430	2001.6	8.3	76-01-7	N/A	N/A
16.	1,1,2-Trichlorotrifluoroethane	(0474)	18930	NA	NA	NA	2000	99	0.2	NA	0.20207	0.20225	2001.8	8.2	76-13-1	1000 ppm (7600mg/m3/8H)	orl-rat 43g/kg
17.	Bromodichloromethane	35171	101623	0.05	5.00	40001.7	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-27-4	N/A	orl-rat 916mg/kg
18.	Dibromochloromethane	35171	101623	0.05	5.00	40002.1	2000	NA	NA	0.017	NA	NA	1999.6	23.0	124-48-1	N/A	orl-rat 848mg/kg
19.	cis-1,2-Dichloroethene	35171	101623	0.05	5.00	40003.1	2000	NA	NA	0.017	NA	NA	1999.7	22.9	156-59-2	N/A	N/A
20.	trans-1,2-Dichloroethene	35171	101623	0.05	5.00	40002.4	2000	NA	NA	0.017	NA	NA	1999.6	23.0	156-60-5	N/A	orl-rat 1235mg/kg
21.	Methylene chloride	35171	101623	0.05	5.00	40002.8	2000	NA	NA	0.017	NA	NA	1999.6	22.9	75-09-2	500 ppm	orl-rat 820mg/kg
22.	1,1-Dichloroethene	32251	102023	0.10	10.00	20001.6	2000	NA	NA	0.042	NA	NA	1999.7	20.4	75-35-4	1 ppm (4mg/m3/8H)	orl-rat 200mg/kg
23.	Bromoform	95321	020724	0.10	10.00	20003.2	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-25-2	0.5 ppm (5mg/m3) (skin)	orl-rat 933mg/kg
24.	Carbon tetrachloride	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	56-23-5	2 ppm (12.6mg/m3/8H)	orl-rat 2350mg/kg
25.	Chloroform	95321	020724	0.10	10.00	20024.0	2000	NA	NA	0.042	NA	NA	2001.9	20.5	67-66-3	50 ppm (240mg/m3) (CL)	orl-rat 908mg/kg
26.	Dibromomethane	95321	020724	0.10	10.00	20002.9	2000	NA	NA	0.042	NA	NA	1999.8	20.5	74-95-3	N/A	orl-rat 108mg/kg
27.	1,1-Dichloroethane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.5	75-34-3	100 ppm	orl-rat 725mg/kg
28.	2,2-Dichloropropane	95321	020724	0.10	10.00	20003.4	2000	NA	NA	0.042	NA	NA	1999.8	20.4	594-20-7	N/A	N/A
29.	Tetrachloroethene	95321	020724	0.10	10.00	20201.1	2000	NA	NA	0.042	NA	NA	2019.6	20.6	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	6.97
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	Tetrachloroethane/1,3-Dichloropropane	30.34
27	Dibromochloromethane	31.16
28	1,2-Dibromoethane	31.84
29	Chlorobenzene	33.26
30	Ethylbenzene/1,1,1,2-Tetrachloroethane	33.40
31	m-Xylene/p-Xylene	33.85
32	o-Xylene	35.33
33	Styrene	35.50
34	Isopropylbenzene/Bromoform	35.48
35	cis-1,4-Dichloro-2-butene	36.80
36	1,1,2,2-Tetrachloroethane	37.23
37	1,2,3-Trichloropropane	37.77
38	n-Propylbenzene	37.92
39	trans-1,4-Dichloro-2-butene	38.05
40	Bromobenzene	38.14
41	1,3,5-Trimethylbenzene	38.50
42	2-Chlorotoluene	38.62
43	4-Chlorotoluene	38.77
44	tert-Butylbenzene	39.76
45	1,2,4-Trimethylbenzene	39.91
46	Pentachloroethane	40.17
47	sec-Butylbenzene	40.52
48	p-Isopropyltoluene	41.02
49	1,3-Dichlorobenzene	41.42
50	1,4-Dichlorobenzene	41.63
51	n-Butylbenzene	42.82
52	1,2-Dichlorobenzene	43.18
53	1,2-Dibromo-3-chloropropane	46.12
54	Nitrobenzene	46.58
55	1,2,4-Trichlorobenzene	49.26
56	Hexachlorobutadiene	49.72
57	Naphthalene	50.26
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))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 03/17/24

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

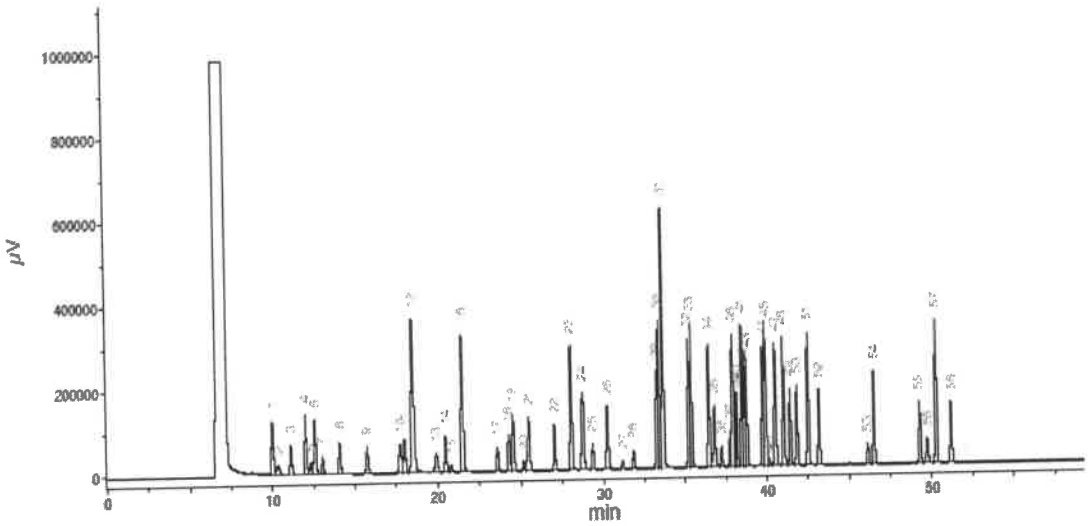
Compound	(RM#) Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Initial Conc.(ug/mL)	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Uncertainty Pipette (mL)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached 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)	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	6.97
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. Hamden CT, 06514	Emergency Telephone International	**1-352-323-3500**
		Date Prepared/Revised	January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	% (optional) > 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage Conditions	Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability Stable under recommended storage conditions.
Possibility of hazardous reactions Vapours may form explosive mixture with air.
Conditions to avoid Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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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

Solvent(s): Water **Lot#** 072324Q

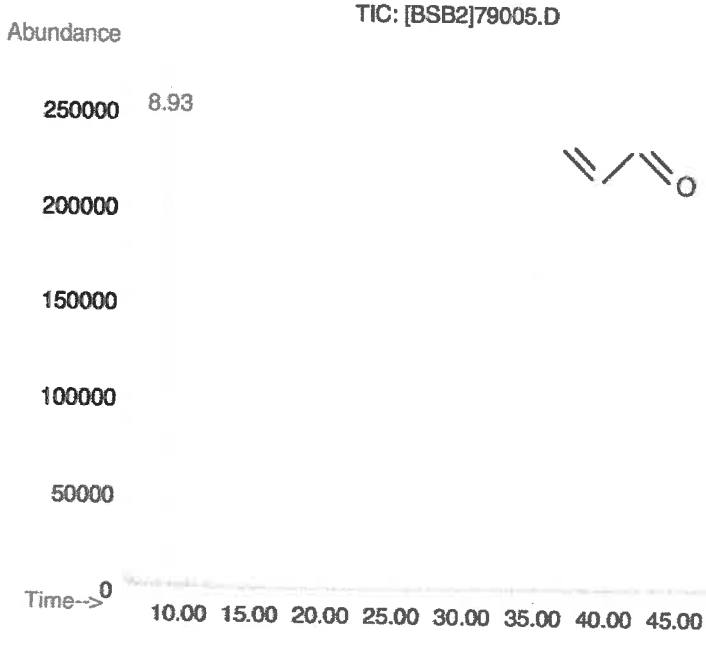
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

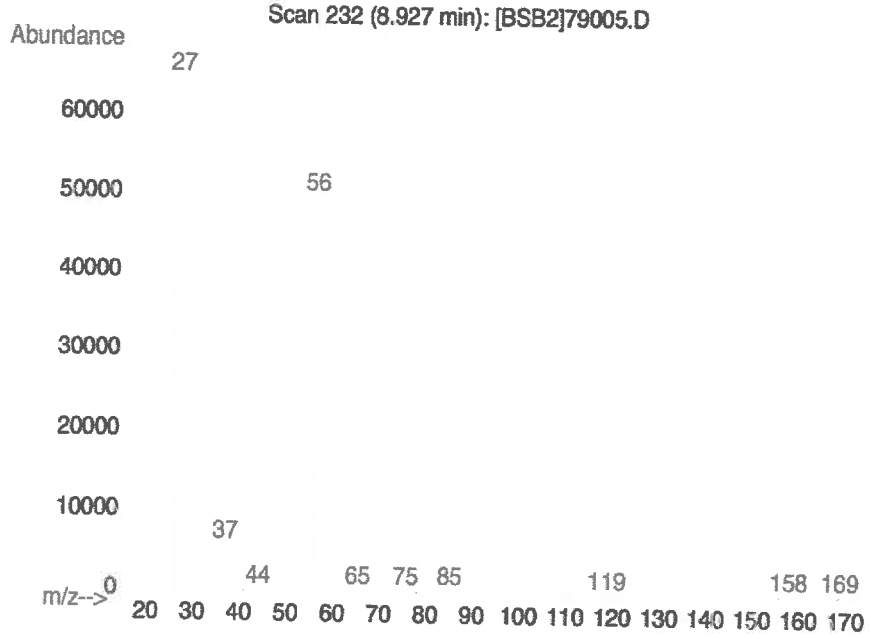
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

Justin Dippold	091424
Formulated By: Justin Dippold	DATE
Pedro Rentas	091424
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05175	5008.9	52.5	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.), Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

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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

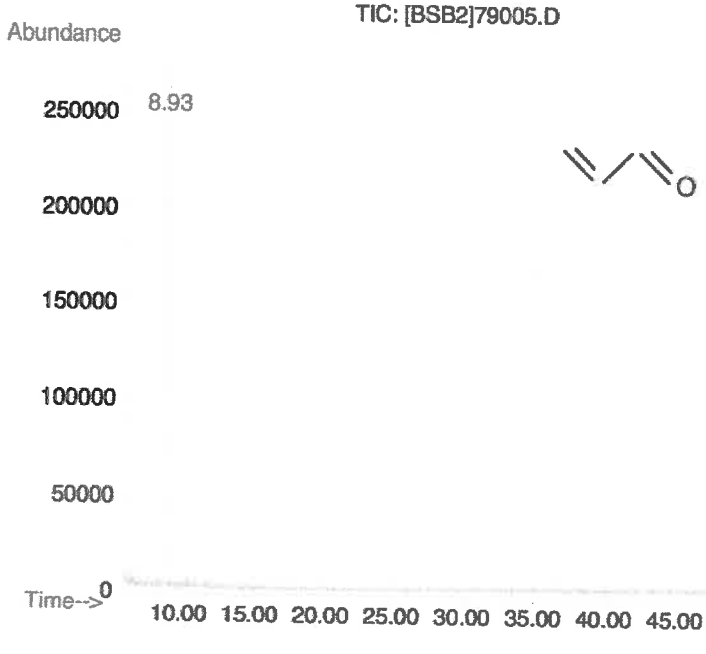
Expiration Date: 101424
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

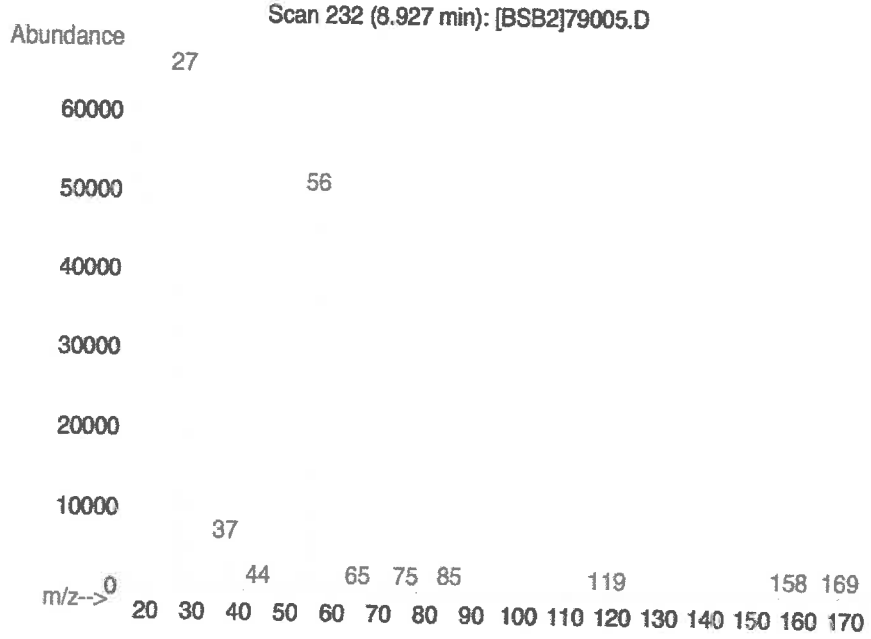
Weight(s) shown below were combined and diluted to (mL): 10.0 | 5E-05 Balance Uncertainty | 0.001 Flask Uncertainty

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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- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
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Dec 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

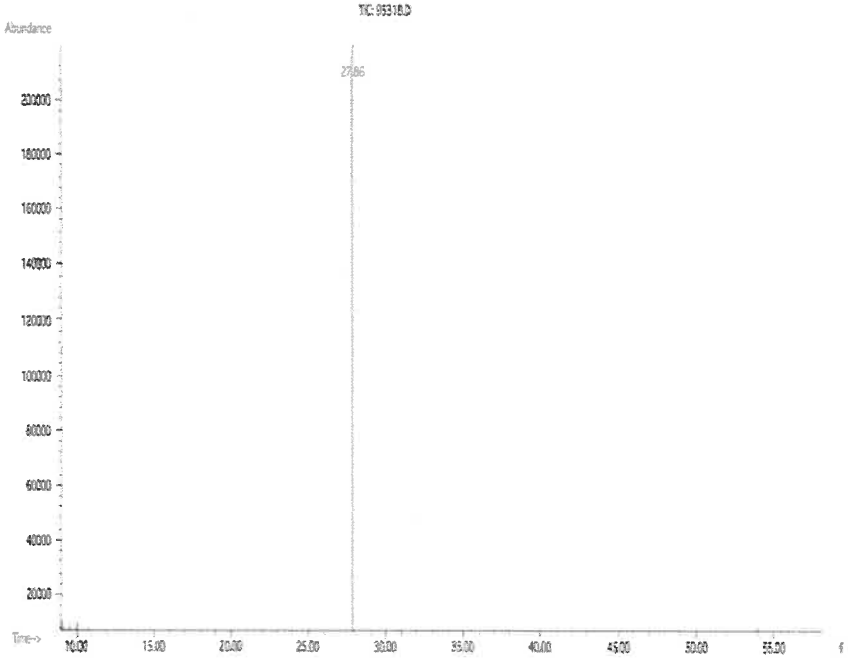
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

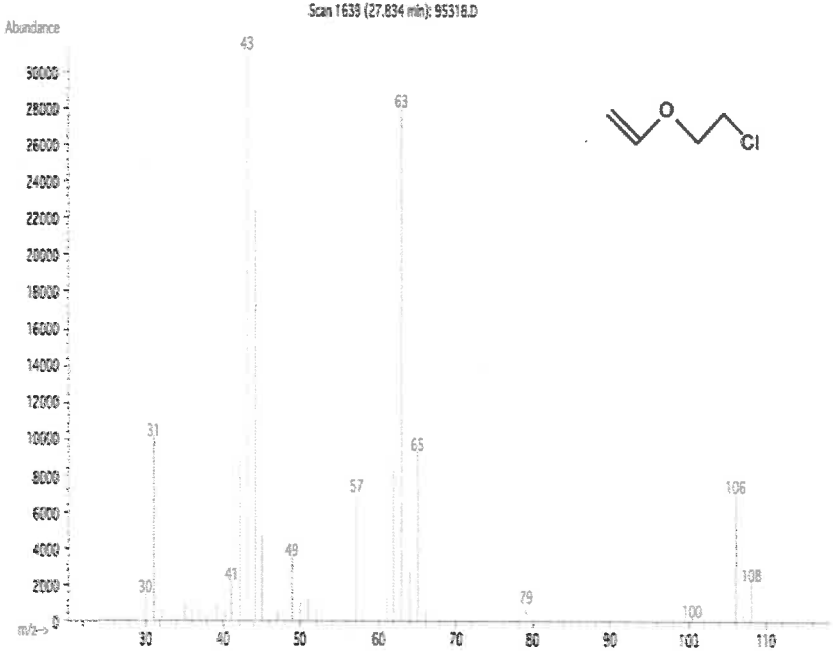
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Absolute Standards Inc.
PO Box 5585
Hamden, CT 06518-0585
Phone: 203-281-2917
FAX: 203-281-2922

Safety Data Sheet (SDS) GHS/OSHA Compliant

Section I Product and Company Identification

IDENTITY **ANALYTICAL STANDARD DISSOLVED IN METHANOL**

Manufacturer's Name	ABSOLUTE STANDARDS INC	Emergency Telephone USA & CANADA	**1-800-535-5053**
Address	44 Rossotto Dr. Hamden CT, 06514	Emergency Telephone International Date Prepared/Revised	**1-352-323-3500** January 1, 2024

Section II - Hazards Identification

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

H225	**Highly Flammable Liquid and Vapor**	**H301, 311, 331**	**Toxic if swallowed, skin contact, inhaled**
H370	**Cause damage to organs**	**H351**	**Suspected of causing cancer**
P271	**Use in ventilated area**	**P280**	**Use gloves, eye protection/face sheild**
P302,332	**If on skin, wash with soap and water**	**P305,351,338**	**If in eyes, remove contacts, rinse with water**



Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

See Certified Weight Report For Other Analytes Present At Trace Quantities.

INTENDED USE: REFERENCE MATERIAL

Section IV. FIRST AID MEASURES

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.Move to safe area.
If inhaled	If inhaled, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash with soap and water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

Section V. FIREFIGHTING MEASURES

Flammability	Flammable in the presence of a source of ignition when the temperature is above the flash point. Keep away from heat/sparks/open flame/hot surface. No smoking.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Protective equipment for fire	Wear self contained breathing apparatus for fire fighting if necessary.

Section VI. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Vapours accumulate to form explosive concentrations.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Clean up	Contain spillage, and then collect and place in container for disposal according to local regulations (see section 13).

Section VII. HANDLING AND STORAGE

Precautions for safe handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use ventilation Keep away from sources of ignition. No smoking. Prevent the build up of electrostatic charge.
Storage Conditions	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Methanol 67-56-1 TWA 200 ppm
Skin notation TWA 200 ppm
Potential for skin absorption , ingestion and inhalation.
Personal protective equipment Respiratory protection Handle with gloves. Gloves must be inspected prior to use. Eye protection.
Avoid contact with skin, eyes and clothing. Wash hands thoroughly after handling the product.

Section IX - Physical/Chemical Characteristics

Boiling Point	65°C	Specific Gravity (H2O = 1)	0.79
Vapor Pressure (mm Hg)	96	Melting Point	-98°C
Vapor Density (AIR = 1)	1.11	Evaporation rate (Butyl Acetate = 1)	4.6

Solubility in Water COMPLETE

Appearance and Odor CLEAR, COLORLESS LIQUID WITH CHARACTERISTIC PUNGENT ODOR.

Section X. STABILITY AND REACTIVITY

Chemical stability — Stable under recommended storage conditions.
Possibility of hazardous reactions — Vapours may form explosive mixture with air.
Conditions to avoid — Heat, flames, sparks, extreme temperature and sunlight.
Materials to avoid — Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids
Hazardous decomposition products formed under fire conditions. - Carbon oxides

Section XI. TOXICOLOGICAL INFORMATION

LD50 Oral - rat - 5,628 mg/kg
LC50 Inhalation - rat - 4 h - 64000 ppm
LD50 Dermal - rabbit - 15,800 mg/kg
Toxic if absorbed through skin. Causes skin irritation.
Eye damage/eye irritation
Toxic if inhaled. Causes respiratory tract irritation.
Toxic if swallowed.

Section XII. ECOLOGICAL INFORMATION FOR REPORTABLE QUANTITY OF 5000 lbs.

LC50	15,400 mg/l - 96 h
EC50	24,500.00 mg/l - 48 h
EC100	10,000.00 mg/l - 24 h

Section XIII. DISPOSAL CONSIDERATIONS

Dispose with normal Laboratory Solvent Waste.

Section XIV. TRANSPORT INFORMATION

DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

Section XV. REGULATORY INFORMATION

OSHA Hazards Flammable liquid, Target Organ Effect, Toxic by inhalation., Toxic by ingestion, Toxic by skin absorption, Irritant
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Section XVI. Misc. INFORMATION

The information in this Material Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated thereunder (29 CFR 1910.1200 et. seq.) and Global Harmonized System (GHS). This document is intended only as a guide to the appropriate precautionary handling of the material by trained personnel, or supervised by a person trained in chemical handling. The user is responsible for determining the precautions and dangers of this chemical for his or her particular application. Depending on usage, protective clothing including eye and face guards and respirators must be used to avoid contact with material or breathing chemical vapors/fumes. Exposure to this product may have serious adverse health effects. This chemical may interact with other substances. Since the potential uses are so varied, ABSOLUTE STANDARDS INC. cannot warn of all the potential dangers of use or interaction with other chemicals or substances. ABSOLUTE STANDARDS INC. warrants that the chemical meets the specifications set forth on the label. ABSOLUTE STANDARDS INC DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR APPLICATION. The user should recognize that this product can cause severe injury or death, especially if improperly handled or the known dangers of use are not heeded. READ ALL PRECAUTIONARY INFORMATION. As new documented general safety information becomes available, Absolute Standards Inc. will periodically revise this Safety Data Sheet. If you have any questions, please call Technical Service at 1-203-281-2917 for assistance.

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Rec 12/6/24
20 vial
V14630 to
V14649

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 95318
Lot Number: 120524
Description: 2-Chloroethyl vinyl ether

Expiration Date: 120527
Recommended Storage: Refrigerate (4 °C)
Nominal Concentration (µg/mL): 10000
NIST Test ID#: 6UTB

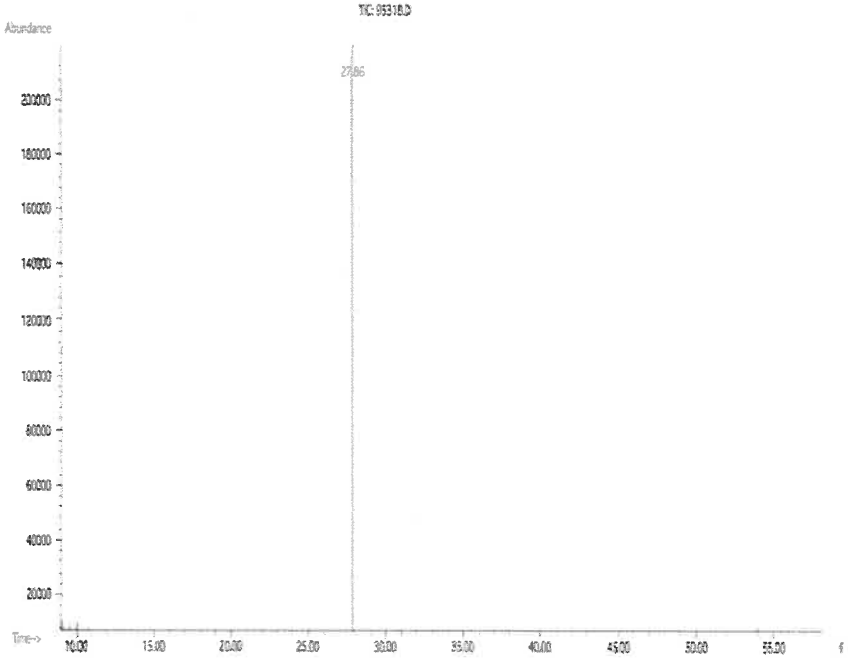
Solvent(s): Methanol **Lot#** EJ143-US

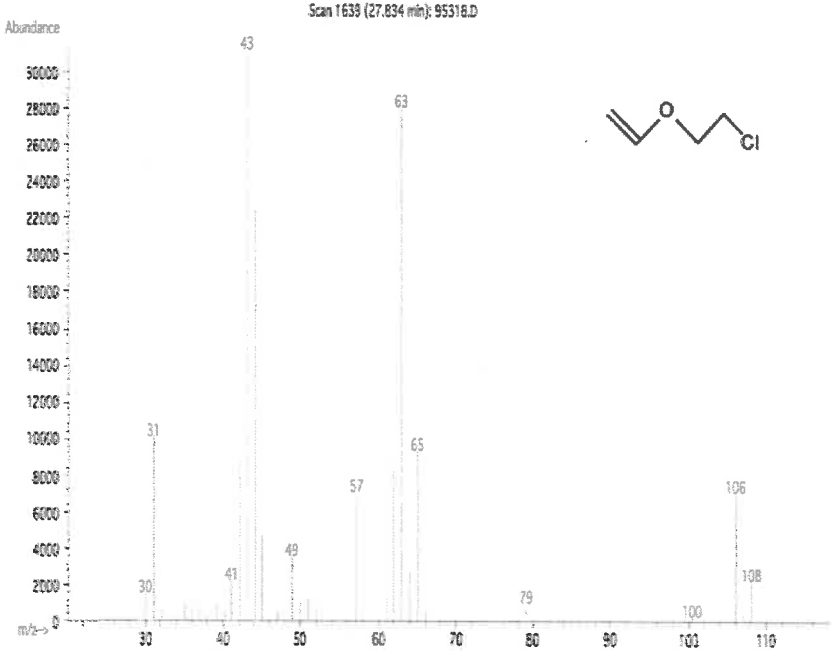
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

Prashant Chauhan	120524
Formulated By: Prashant Chauhan	DATE
Pedro Rentas	120524
Reviewed By: Pedro L. Rentas	DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. 2-Chloroethyl vinyl ether	74	MKCD0033	10000	99	0.2	0.50536	0.50550	10002.9	40.5	110-75-8	N/A	ori-rat 250mg/kg

Method: GC6MSD-1.M. **Detector:** MSD. **Column:** (60m X 0.25mm X 1.5 µm). **Oven Profile:** Temp 1 = 35°C (Time 1=10min.), Temp 2 = 200°C (Time 2=8.75 min.), Rate = 4°C/min., Injector B Temp.= 200°C, Detector B Temp. = 220°C. **Analyst:** Candice Warren.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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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

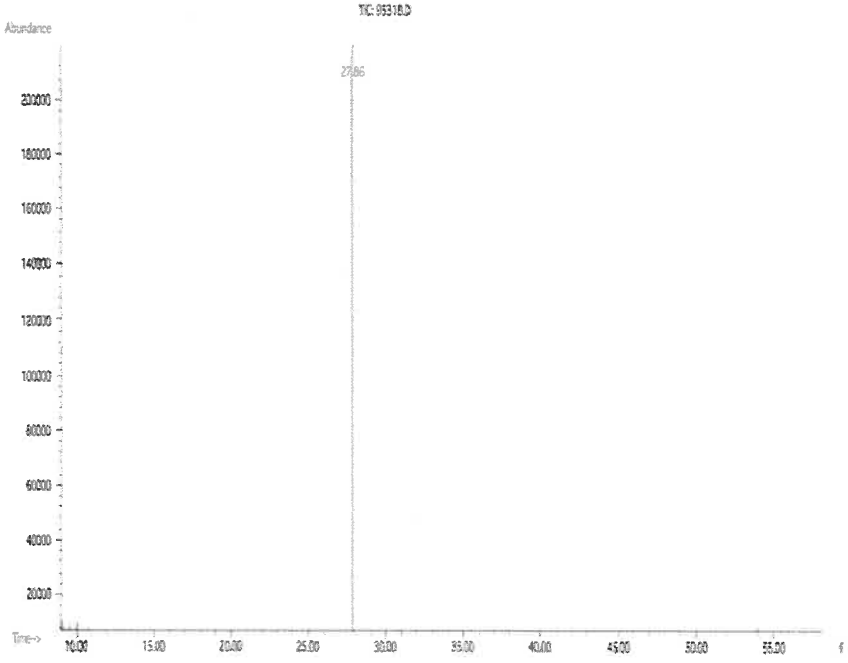
Solvent(s): Methanol **Lot#** EJ143-US

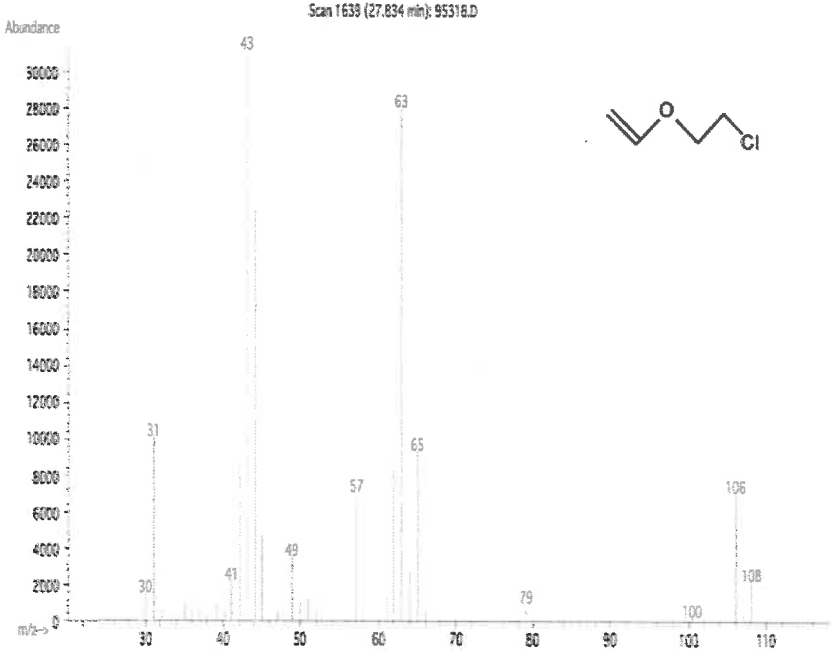
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.001 Flask Uncertainty

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.





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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**
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Signal Word: DANGER

Section III - Composition

Components (Specific Chemical Identity; Common Name(s))			% (optional)
Methanol	METHYL ALCOHOL	CAS#: 67-56-1	> 97

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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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.

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Dispose with normal Laboratory Solvent Waste.

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DOT (US)
UN number: 1230 Class: 3 Packing group: II
Proper shipping name: Methanol

IATA
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Nominal Concentration (µg/mL): 10000
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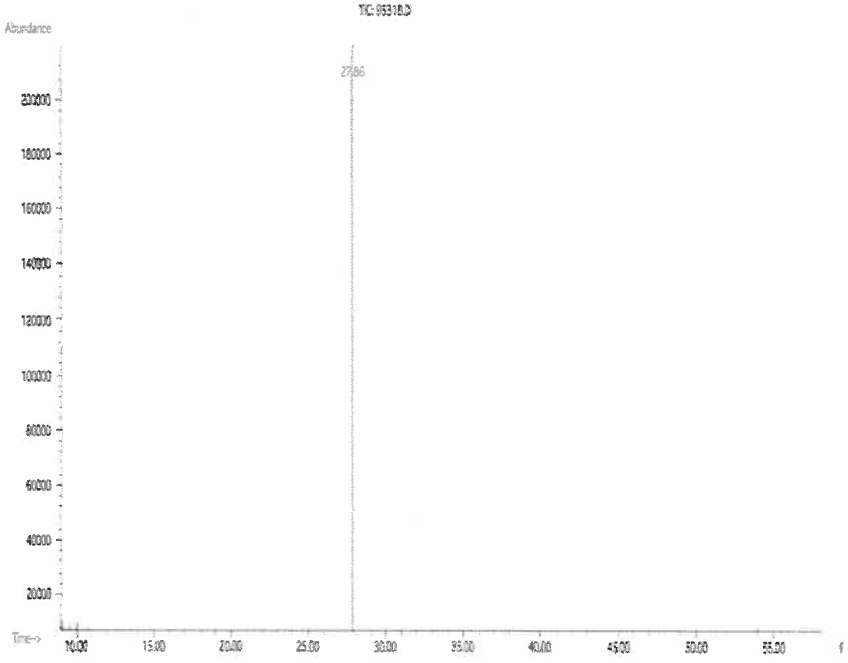
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

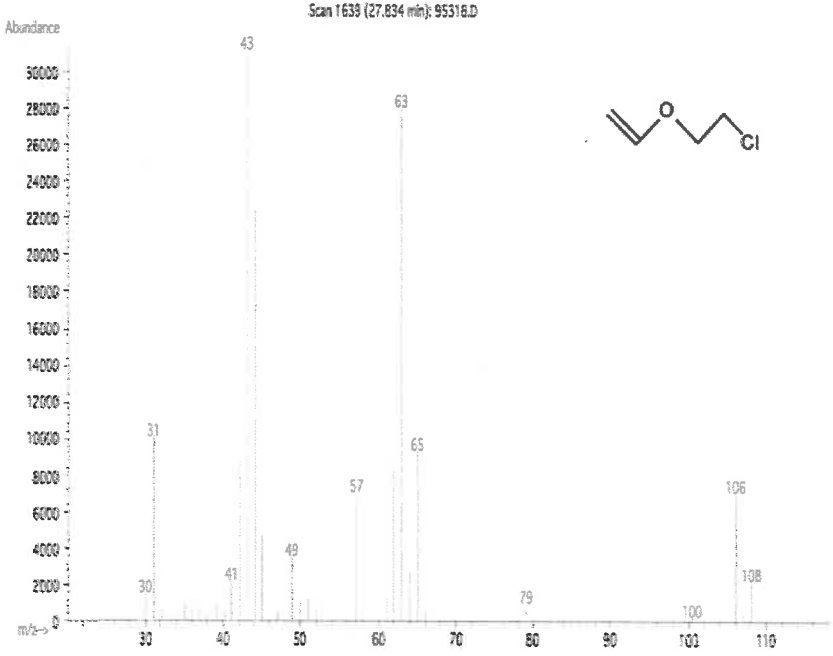
Weight(s) shown below were combined and diluted to (mL): 50.0

Prashant Chauhan	120524	
Formulated By:	Prashant Chauhan	DATE
Pedro 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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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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110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30067 **Lot No.:** A0191805

Description : 4-Bromofluorobenzene Standard

4-Bromofluorobenzene Standard 2,500µg/mL, P&T Methanol, 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1-Bromo-4-fluorobenzene (BFB)	460-00-4	184975	99%	2,483.9 µg/mL	+/- 139.5488

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

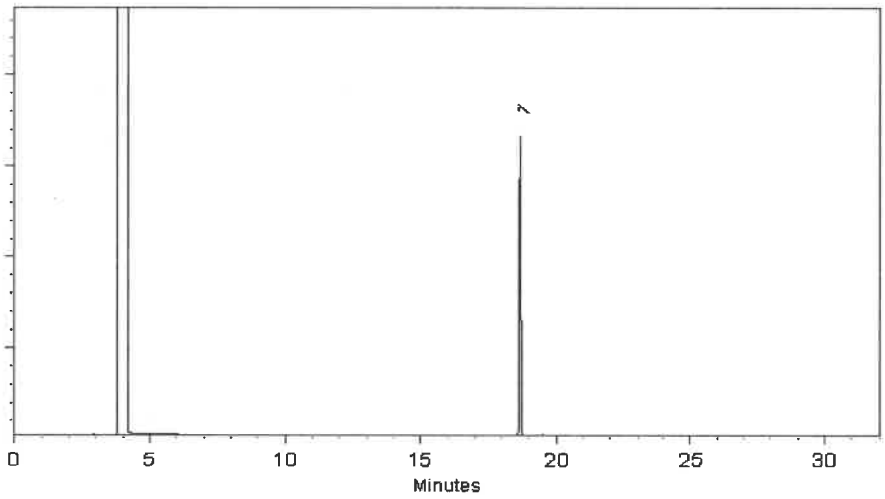
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Alicia Leathers - Operation Technician I **Date Mixed:** 17-Nov-2022 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 21-Nov-2022

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

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

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

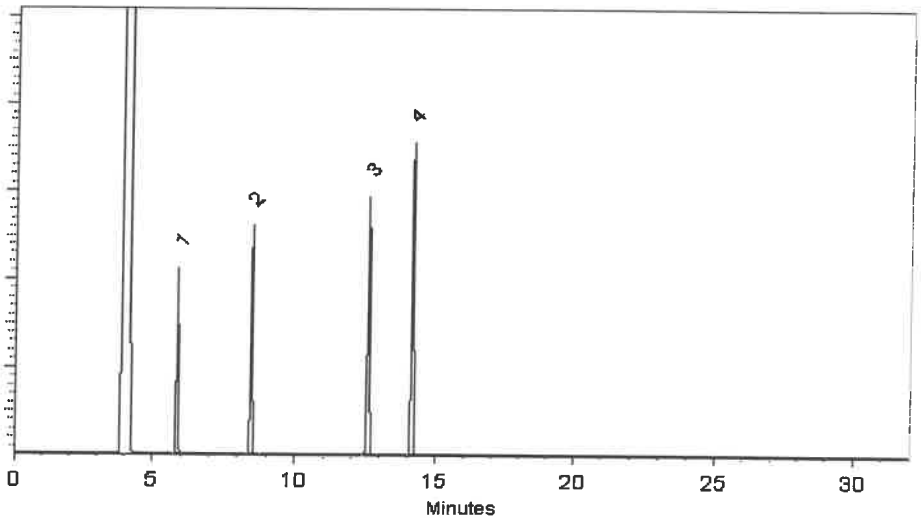
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Laith Clemente - Operations Technician I **Date Mixed:** 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC **Date Passed:** 16-Aug-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

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

Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

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

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

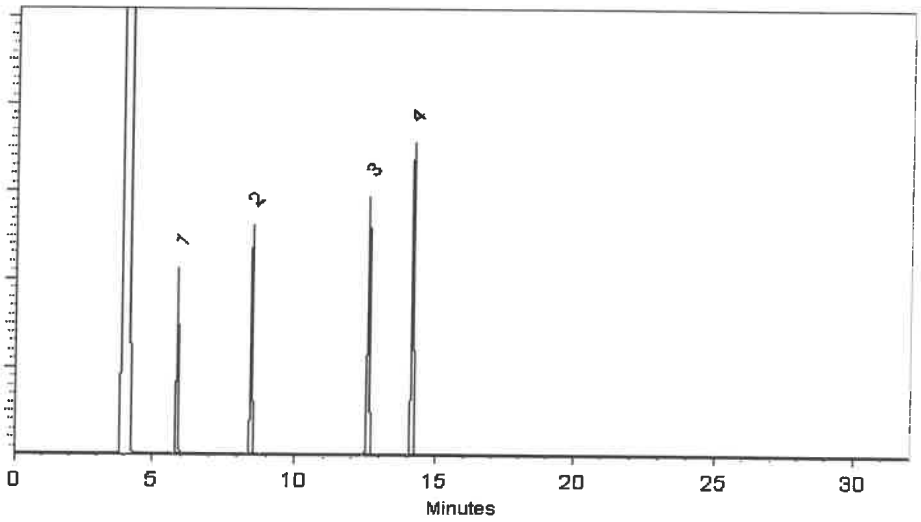
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Laith Clemente - Operations Technician I **Date Mixed:** 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC **Date Passed:** 16-Aug-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

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

Catalog No. : 30006 **Lot No.:** A0200785

Description : VOA Calibration Mix #1

VOA Calibration Mix #1 5,000µg/mL, P&T Methanol/Water(90:10), 1mL/ampul

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

Expiration Date : November 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	5,018.5 µg/mL	+/- 173.4162
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	5,016.0 µg/mL	+/- 173.3298
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	5,010.7 µg/mL	+/- 173.1455
4	2-Hexanone	591-78-6	MKCQ6663	99%	5,015.0 µg/mL	+/- 173.2952

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

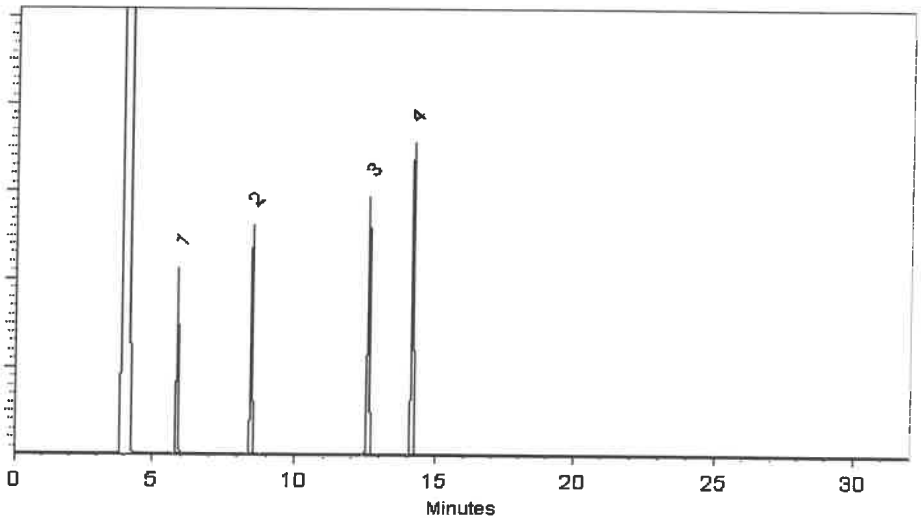
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Laith Clemente - Operations Technician I

Date Mixed: 09-Aug-2023 **Balance Serial #** B707717271

Marlina Cowan – Operations Tech II ARM QC

Date Passed: 16-Aug-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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ilac-MRA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 555581 **Lot No.:** A0210184

Description : Custom 8260 Internal Standard Mix

Custom 8260 Internal Standard Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : April 30, 2027 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	25,212.0 µg/mL	+/- 1,427.8857
2	1,4-Difluorobenzene	540-36-3	MKCS8657	99%	25,220.0 µg/mL	+/- 1,428.3388
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	25,116.0 µg/mL	+/- 1,422.4487
4	Pentafluorobenzene	363-72-4	MKCR9383	99%	25,180.0 µg/mL	+/- 1,426.0734

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

John Friedline - Operations Technician I

Date Mixed: 11-Apr-2024 **Balance:** 1127510105

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.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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

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

Manufacturing Notes:

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

Handling Notes:

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Exp: 12/09/24

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V14667 to
V14676

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.:** A0214960

Description : Bromochloromethane Standard

Bromochloromethane 2000µg/mL, P&T Methanol, 1mL/ampul

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Bromochloromethane	74-97-5	SYN240416CTH	99%	2,012.0 µg/mL	+/- 113.0519

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

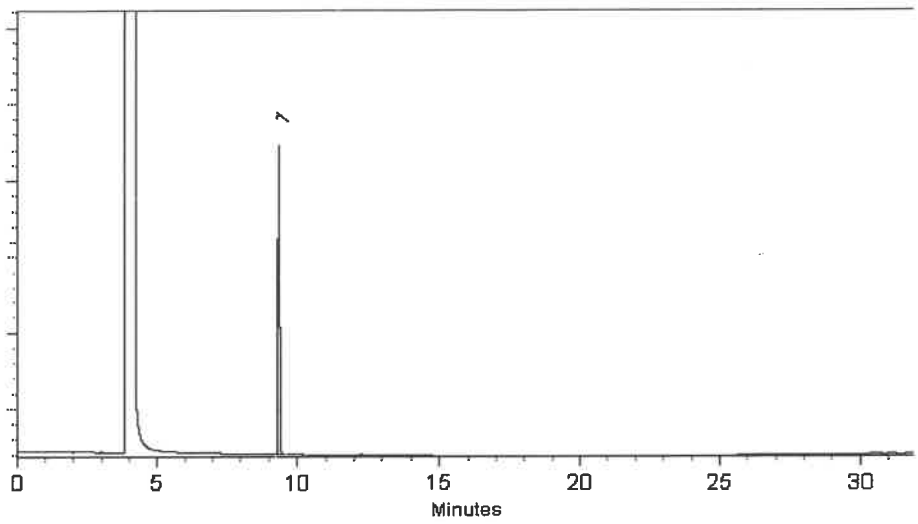
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Stacey Wanner - Operations Technician I

Date Mixed: 08-Aug-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 14-Aug-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

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

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- 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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Rec 12/17/24

CERTIFIED REFERENCE MATERIAL

30 Vial

Certificate of Analysis

chromatographic plus

V14727 to
V14756

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
5	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,000.1 µg/mL	+/- 112.3700
6	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,000.7 µg/mL	+/- 112.3992

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

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

Quality Confirmation Test

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

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

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

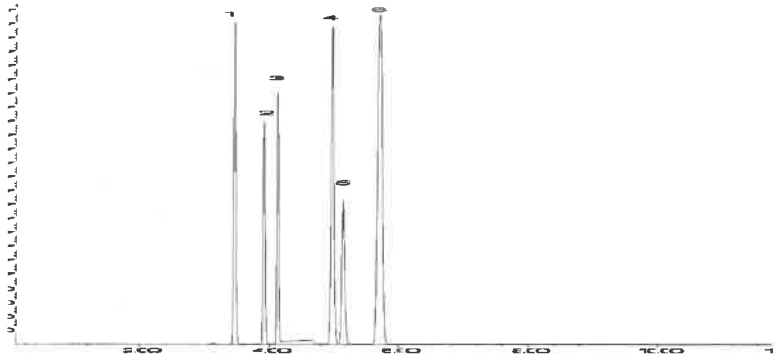
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Tom Suckar - Mix Technician

Date Mixed: 23-Sep-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Oct-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
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Rec 12/17/24

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chromatographic plus

V14727 to
V14756

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Certificate #3222.02

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Catalog No. : 30042 **Lot No.:** A0216826

Description : 502.2 Calibration Mix #1

502.2 Calibration Mix #1 2,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : May 31, 2031 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,000.9 µg/mL	+/- 112.4144
2	Chloromethane (methyl chloride)	74-87-3	00022694	99%	2,000.7 µg/mL	+/- 112.3998
3	Vinyl chloride	75-01-4	00015559	99%	2,000.3 µg/mL	+/- 112.3779
4	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,001.8 µg/mL	+/- 112.4650
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.

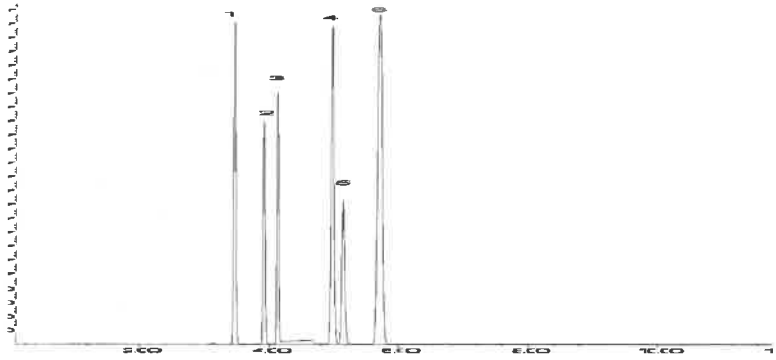
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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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.)

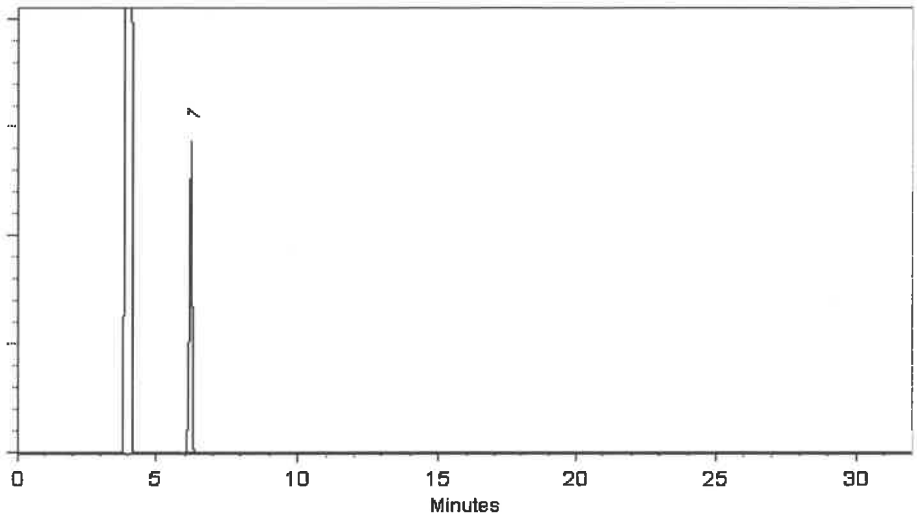
Inj. Temp:
200°C

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.
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Verify Rec 01/08/21

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

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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. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

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

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

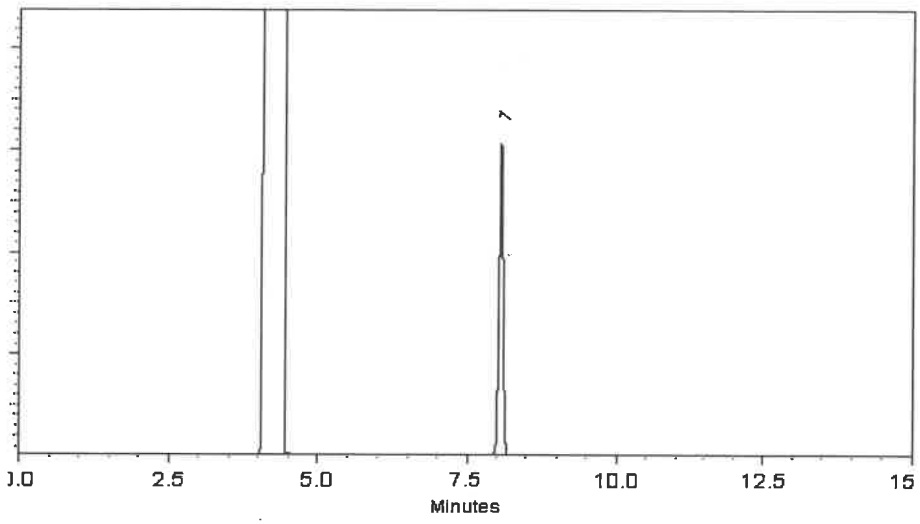
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
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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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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic

V14803 - V14822

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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Catalog No. : 555408-SL **Lot No.:** A0220471

Description : Custom Vinyl Acetate Standard

Custom Vinyl Acetate Standard 8,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : June 30, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Vinyl acetate	108-05-4	RD240423RSR	99%	8,066.0 µg/mL	+/- 278.7979

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

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

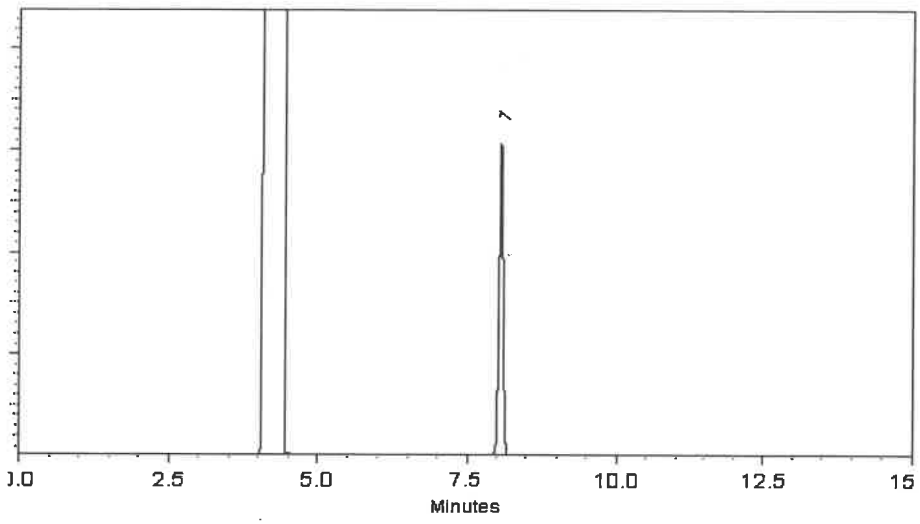
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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Ethan Winiarski - Operations Tech I

Date Mixed: 24-Dec-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

Date Passed: 02-Jan-2025

REVIEWED

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

General Certified Reference Material Notes

Expiration Notes:

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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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Manufacturing 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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10 vial

CERTIFIED REFERENCE MATERIAL

Lee 03/31/25

Certificate of Analysis

gravimetric

V14904 to V14913

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 555582 **Lot No.:** A0223904

Description : Custom 8260A/B Surrogate Mix

Custom 8260A/B Surrogate Mix 25,000µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : March 31, 2028 **Storage:** 10°C or colder

Ship: Ambient

CERTIFIED VALUES

Component #	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	25,108.0 µg/mL	+/- 1,421.9957
2	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	25,108.0 µg/mL	+/- 1,421.9957
3	Dibromofluoromethane	1868-53-7	VENKAT02	99%	25,232.0 µg/mL	+/- 1,429.0184
4	Toluene-d8	2037-26-5	PR-34141	99%	25,156.0 µg/mL	+/- 1,424.7141

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

Brittany Federinko - Operations Tech I

Date Mixed: 27-Mar-2025 **Balance:** B251644995

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
Manufactured Date: 2024-05-14
Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH_3OH) (by GC, corrected for water)	≥ 99.9 %	100.0 %
Residue after Evaporation	≤ 1.0 ppm	0.3 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.3
Titrable Base (µeq/g)	≤ 0.10	0.03
Water (by KF, coulometric)	≤ 0.08 %	< 0.01 %
Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

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Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Methanol
ULTRA RESI-ANALYZED
For Purge and Trap Analysis

Rec 05/09/25

avantor™ | J.T.Baker®

V14921 to
V14938

Material No.: 9077-02
Batch No.: 24G0262002
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Expiration Date: 2027-05-14
Revision No.: 0

Certificate of Analysis

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Volatile Organic Trace Analysis - Below EPA 8260B CRQL	Conforms	Conforms

For Laboratory,Research,or Manufacturing Use
Performance Tested for Use in EPA Methods
500 Series for Drinking Water
600 Series for Wastewater
846 for Solid Waste

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

Rec 05/19/25

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

2 x Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 30489 **Lot No.:** A0222076

Description : 8260B Acetates Mix

8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

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

Expiration Date : August 31, 2026 **Storage:** -20°C or colder

Handling: This product is photosensitive. **Ship:** On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Methyl acetate	79-20-9	SHBR1889	99%	2,004.0 µg/mL	+/- 69.2674
2	Vinyl acetate	108-05-4	RD240423RSR	99%	2,010.0 µg/mL	+/- 69.4748
3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

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

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

Lee 05/19/25

RESTEK

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

www.restek.com

CERTIFIED REFERENCE MATERIAL
2 x Vial

Certificate of Analysis

chromatographic plus

VJ14951 to VJ14970

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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Catalog No. : 30489 **Lot No.:** A0222076

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8260B Acetates Mix 2,000 µg/mL, P&T Methanol, 1mL/ampul

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3	Ethyl acetate	141-78-6	SHBS3323	99%	2,019.3 µg/mL	+/- 69.7974
4	Isopropyl acetate	108-21-4	BCCG7069	99%	2,008.0 µg/mL	+/- 69.4057
5	Propyl acetate	109-60-4	P8XLN	99%	2,008.0 µg/mL	+/- 69.4057
6	Butyl acetate	123-86-4	SHBR2024	99%	2,008.0 µg/mL	+/- 69.4057
7	Amyl acetate	628-63-7	BCBT7442	99%	2,006.7 µg/mL	+/- 69.3596

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

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

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods . Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

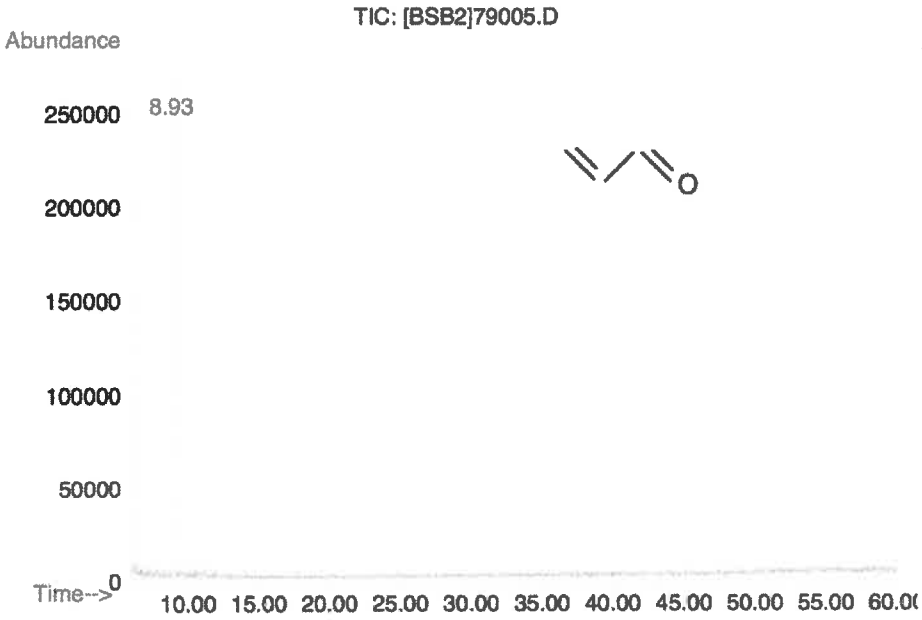
V15064 to V15068

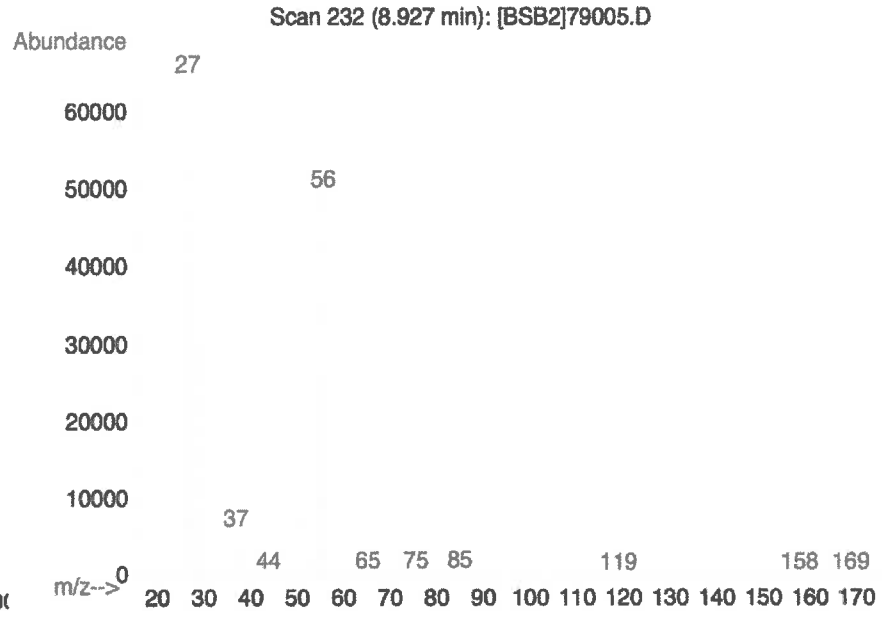
Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB 5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By:	Anthony Mahoney	091525 DATE
Reviewed By:	Pedro L. Rentas	091525 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- 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.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

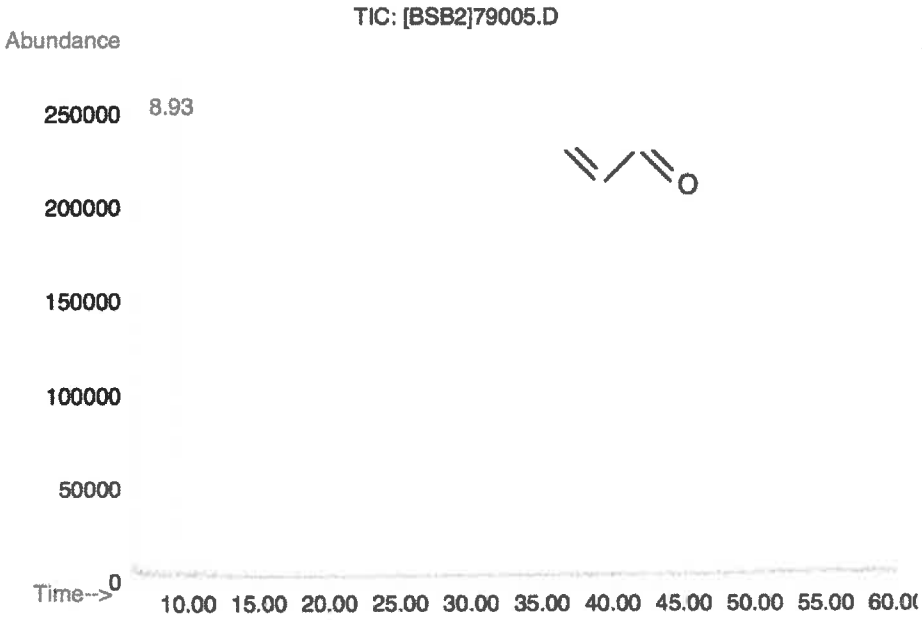
V15064 to V15068

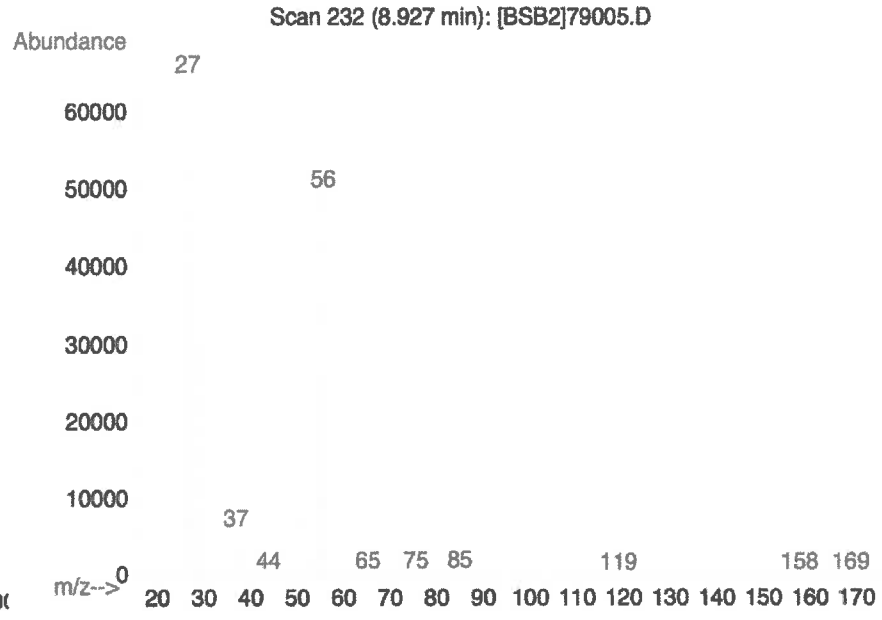
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 10.0 0.001 Flask Uncertainty

Formulated By: Anthony Mahoney	091525 DATE
Reviewed By: Pedro L. Rentas	091525 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Acrolein	5	103755V10F	5000	97	0.5	0.05166	0.05176	5009.9	52.6	107-02-8	0.1 ppm	orl-rat 46mg/kg

Method: GC6MSD-1. **Detector:** Mass Selective Detector (Scan mode). **Column:** Vocol (60m X 0.25mm ID X 1.5µm film thickness). **Oven Profile:** Temp. 1 = 35°C (Time 1 = 10min.), Temp. 2=200°C (Time 2 = 8.75 min.) Rate = 4°C/min., Injector Temp. = 200°C, Detector Temp. = 220°C. **Analyst:** Pedro Rentas. **NOTE:** Due to the instability of acrolein in solution, all solutions of acrolein, and any dilutions thereof, should be used immediately Long term storage is not recommended. Please contact our technical department if further information is required.





- **The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.**
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- **Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.**
- **All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.**
- **Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).**

Rev 1.0, 2/25/2025

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www.absolutestandards.com

Certified Reference Material CRM

Rec 09/16/25 5 vial

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 91980
Lot Number: 091525
Description: Acrolein

Solvent(s): Water **Lot#** 041725Q

Expiration Date: 101525
Recommended Storage: Refrigerate (2°C to 8°C)
Nominal Concentration (µg/mL): 5000
NIST Test ID#: 6UTB

V15064 to V15068

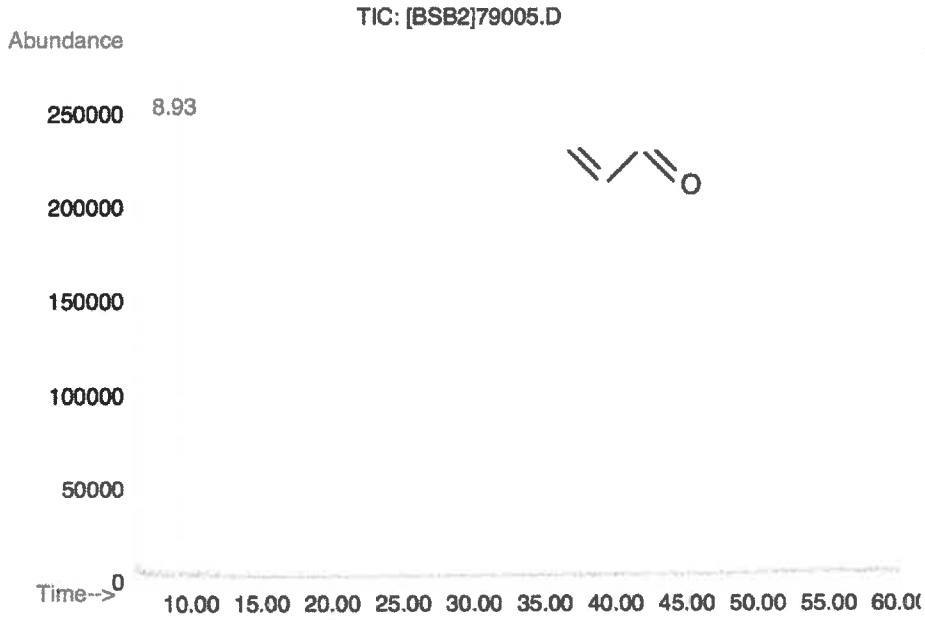
5E-05 Balance Uncertainty
0.001 Flask Uncertainty

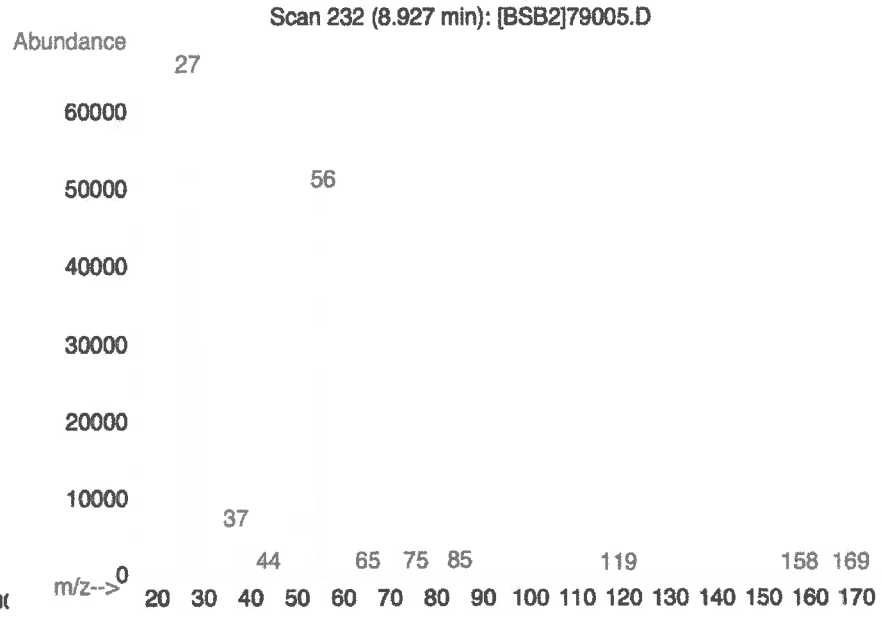
Weight(s) shown below were combined and diluted to (mL): 10.0

Formulated By: Anthony Mahoney	091525 DATE
Reviewed By: Pedro L. Rentas	091525 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
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Rev 1.0, 2/25/2025

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)	Vial A Time	Vial B Weight(g)	Vial B Time	Vial C Weight(g) with MeOH	Vial C Time	Methanol ID	Preservation Date	Comments
1	Q3178-01	4.57	11:00	4.76	12:01	5.09	12:02	V14921	09/24/2025	ENCORE SAMPLE 8260 STORED IN FRZ #2
2	Q3178-02	4.75	12:03	4.66	12:04	4.70	12:05	V14921	09/24/2025	
3	Q3178-03	5.03	12:07	4.91	12:08	4.71	12:09	V14921	09/24/2025	

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

Q3179
Q ~~3176~~ 3178

USEPA
DateShipped: 9/23/2025
CarrierName: Hand-Delivered
AirbillNo:

CHAIN OF CUSTODY RECORD
Case #:
Contact Name: Leticia Campiglia
Contact Phone: 732-570-4993

No: 2-092325-0004-0049-02
Cooler #: 2 of 2
Lab: Alliance Technical Group LLC (non-CLP)
Lab Phone: 908-789-8900

Lab #	Sample #	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
7	EME-TS14-01	TAL VOCs,	Soil	9/23/2025	12:45	9	5 g Encore sampler	4 C	Y
2	EME-TS14-01	EPH	Soil	9/23/2025	12:45	2	4 oz glass jar	4 C	Y
6	EME-TS14-01	SPLP VOCs	Soil	9/23/2025	12:45	9	5 g Encore sampler	4 C	Y
4	EME-TS14-01	SPLP SVOCs, Pesticides, PCBs	Soil	9/23/2025	12:45	4	8 oz amber glass jar	4 C	Y
5	EME-TS14-01	SPLP EPH	Soil	9/23/2025	12:45	2	4 oz glass jar	4 C	Y
1	EME-TS14-01	TAL Metals + Hg and Cn	Soil	9/23/2025	12:45	2	8 oz clear glass jar	4 C	Y
	EME-TS14-01	SPLP Metals + Hg and Cn	Soil	9/23/2025	12:45	2	8 oz clear glass jar	4 C	Y
	EME-TS14-01	Percent Moisture	Soil	9/23/2025	12:45	2	4 oz jar w/ septum	4 C	Y
	EME-TS14-01	TAL SVOCs, PCBs, Pesticides	Soil	9/23/2025	12:45	4	8 oz amber glass jar	4 C	Y

9/23/25

Special Instructions: RFP # 916. Please email results to leticia.campiglia@westonsolutions.com, smita.sumbaly@westonsolutions.com, ronan.clynch@westonsolutions.com and michael.lang@westonsolutions.com.
7 day preliminary TAT.

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All samples	START VI Weston	9/23/25 1700		9-23-25 1700	1.3°C Blank #1 Custody seals intact Temp. Blk present

Alliance TECHNICAL GROUP 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3178 ROYF02
Client Name : Weston Solutions, Inc.
Client Contact : Smita Sumbaly
Invoice Name : Weston Solutions, Inc.
Invoice Contact : Smita Sumbaly

Order Date : 9/24/2025 10:59:00 AM
Project Name : RFP 916
Receive DateTime : 9/23/2025 5:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : Equis Region2(MEDD)
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3178-01	EME-TS14-01	Solid	09/23/2025	12:45					
					VOC-TCLVOA-10		8260D		5 Bus. Days
Q3178-02	EME-TS14-01MS	Solid	09/23/2025	12:45					
					VOC-TCLVOA-10		8260D		5 Bus. Days
Q3178-03	EME-TS14-01MSD	Solid	09/23/2025	12:45					
					VOC-TCLVOA-10		8260D		5 Bus. Days

Relinguished By :
Date / Time : 9/24/25 1150

Received By :
Date / Time : 09/24/25 11:58
Storage Area : VOA Refridgerator Room